

STATE STREET CAMPUS GARAGE MIXED-USE

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

415 N. LAKE STREET
MADISON, WI 53715

CONTRACT #9361

PUBLIC IMPROVEMENT PROJECT APPROVED: RES-23-00575 FILE ID: 79631 DATE: 9/19/2023 BY THE COMMON COUNCIL OF MADISON, WI	PUBLIC IMPROVEMENT PROJECT APPROVED: JIM WOLFE CITY ENGINEER 10/4/2023

eu:a

CITY OF MADISON WISCONSIN

CONSTRUCTION DOCUMENTS

PHASE 1
VOLUME 1

10.02.2023

PROJECT NUMBER: 720448

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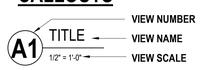
ABBREVIATIONS

A		**C**		**F**		**I**		**P**		**T**	
A/C	air conditioning	CLR	clear	F	female	ID	inside diameter	PJ	panel joint	T&M	time & materials
A/E	Architect/Engineer	CM	construction	FA	filler	INSUL	insulation	PLAM	plastic laminate	TEMP	temperature
ACT	acoustical		management	FA	fire alarm	INT	interior	PLYWD	plywood	TEMP	temporary
	ceiling tile	CM	construction manager	FA	fluid-applied	PNL	panel	TER	terrazzo
ADDL	additional	CMU	concrete masonry unit	FAB	fabric	PREFAB	prefabricated	TERB	terrazzo base
ADDM	addendum	CO	cleanout	FC	file cabinet	PREFIN	prefinished	TFF	top of finished floor
ADJ	adjustable	COL	column	FD	floor drain	PSI	pounds per square	TKBD	tackboard
AFC	above finished	CONC	concrete	FE	fire extinguisher		inch	TO	top of
	counter	CORR	corridor	FEC	fire extinguisher	PT	paint	TOB	top of beam
AFF	above finished	CPT	carpet		cabinet	PTN	partition	TOC	top of concrete
	floor	CSWK	casework	FHC	fire hose cabinet			TOJ	top of joist
AFG	above finished	CT	ceramic tile	FIN	finish	**Q**		TOPO	topography
	grade	CW	cold water	FLR	floor	QT	quarry tile	TOS	top of slab
AFS	above finished	CTB	ceramic tile base	FM	factory mutual	QTB	quarry tile base	TOS	top of steel
	slab			FM	floor mat	QTY	quantity	TRNS	transom
ALT	alternate	**D**		FO	finished opening	QTZ	quartz	TYP	typical
ALUM	aluminum	DBL	double	FP	fire protection				
APPD	approved	DEMO	demolition	FP	fireproof	**R**		**U**	
APT	apartment	DEPT	department	FPL	fireplace	RB	resilient base	UNO	unless noted otherwise
AP	acoustical panel	DF	drinking fountain	FRP	fiberglass	RCP	reflected ceiling plan		
ASC	above suspended	DIA	diameter		reinforced plastic	RD	roof drain	**V**	
	ceiling	DP	decorative panel	FRT	fire retardant treated	REBAR	reinforcing steel bars	VERT	vertical
		DR	door	FTG	footing	REC	recess	VF/CI	vendor furnished,
B		DR FR	door frame			REF	reference		contractor installed
BB	baseboard	DTL	detail	**G**		REF	refrigerator	VF/OI	vendor furnished,
BLDG	building	DS	downspout	GA	gauge	RF	resilient flooring		owner installed
BLT	borrowed lite	DW	dishwasher	GALV	galvanized	REV	revision	VF/VI	vendor furnished,
BLW	below	DWG	drawing	GB	grab bar	RFS	room finish schedule		vendor installed
BPL	base plate			GC	general contractor	RO	rough opening	VNR	veneer
BD	bottom of	**E**		GL	glass			VIF	verify in field
BOS	bottom of steel	E	east	GLU LAM	glue laminated	**S**			
		EIFS	exterior insulation		wood	S	south	**W**	
C			& finish system	GR	grade, grading	SAN	sanitary	W	west
CB	catch basin,	EL	elevation	GT	grout	SC	sealed concrete	W/	with
	construction bulletin	EJ	expansion joint	GYP BD	gypsum	SC	solid core	W/O	without
CF/CI	contractor furnished,	ELEC	electric			SCHED	schedule	WC	water closet
	contractor installed	ELEC	electrical	**H**		SCHED	scheduled	WC	wall covering
CF/OI	contractor furnished,	ELEV	elevator	HB	hose bibb	SF	square foot	WD	wood
	owner installed	EP	epoxy	HC	hollow core	SIM	sim	WDB	wood base
CF/VI	contractor furnished,	EPS	expanded polystyrene	HDWE	hardware	SL	sidelite	WDV	wood veneer
	vendor installed		board	HM	hollow metal	SNGL	single	WH	water heater
CG	corner guard	EQ	equal	HORIZ	horizontal	SS	solid surface	WP	wall protection
CIP	cast-in-place	ETR	existing to remain	HSKP	housekeeping	SST	stainless steel	WP	work point
CNTR	counter	EXIST	existing	HGT	height	ST	stain	WT	window treatment
CL	centerline	EXT	exterior	HR	hour	ST	stair		
CLG	ceiling			HVAC	heating, ventilating	STC	sound transmission	**X**	
					& air conditioning		coefficient	XPS	extruded polystyrene
				HW	hot water	OH DR	overhead door		board
				HWY	highway	STL	steel		
						OPH	opposite hand	STN	stone
						OPNG	opening	STNB	stone base
								STRUCT	structure

SYMBOL LEGEND

CALLOUTS



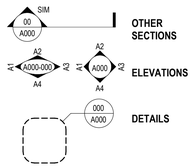
VIEW NUMBER
VIEW NAME
VIEW SCALE



ELEVATION DATUM



BUILDING SECTIONS



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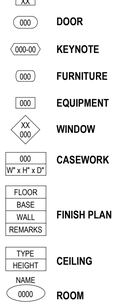

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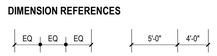

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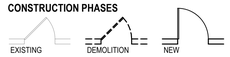
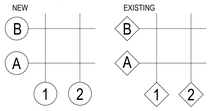


GRID AND GRID IDENTIFICATION



VICINITY MAP



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M1002-1 P2 FLR OVERALL – PHASE 1 – HVAC
M1002-A-1 P2 FLR - ZONE A – PHASE 1 – HVAC
M1002-B-1 P2 FLR - ZONE B – PHASE 1 – HVAC
M1003-1 P3 FLR OVERALL – PHASE 1 – HVAC
M1003-A-1 P3 FLR - ZONE A – PHASE 1 – HVAC
M1003-B-1 P3 FLR - ZONE B – PHASE 1 – HVAC
M1004-1 P4 FLR OVERALL – PHASE 1 – HVAC
M1004-A-1 P4 FLR - ZONE A – PHASE 1 – HVAC
M1004-B-1 P4 FLR - ZONE B – PHASE 1 – HVAC
M1005-1 P5 FLR OVERALL – PHASE 1 – HVAC
M1005-A-1 P5 FLR - ZONE A – PHASE 1 – HVAC
M1005-B-1 P5 FLR - ZONE B – PHASE 1 – HVAC
M1006-1 P6 FLR OVERALL – PHASE 1 – HVAC
M1006-A-1 P6 FLR - ZONE A – PHASE 1 – HVAC
M1006-B-1 P6 FLR - ZONE B – PHASE 1 – HVAC
M1007-1 7TH FLR OVERALL – PHASE 1 – HVAC
M1007-A-1 7TH FLR - ZONE A – PHASE 1 – HVAC
M1007-B-1 7TH FLR - ZONE B – PHASE 1 – HVAC
M4001-1 SECTIONS - HVAC
M4002-1 SECTIONS - HVAC
M5001-1 CONTROL DIAGRAMS, POINTS LISTS, SEQ - HVAC
M5002-1 CONTROL DIAGRAMS, POINTS LISTS, SEQ - HVAC
M5003-1 CONTROL DIAGRAMS, POINTS LISTS, SEQ - HVAC
M5004-1 CONTROL DIAGRAMS, POINTS LISTS, SEQ - HVAC
M5005-1 CONTROL DIAGRAMS, POINTS LISTS, SEQ - HVAC
M8001-1 SCHEDULES - HVAC
M8002-1 SCHEDULES - HVAC
M9001-1 DETAILS - HVAC
M9002-1 DETAILS - HVAC

ELECTRICAL - PHASE 1
E0000-1 SYMBOLS & ABBREVIATIONS - ELECTRICAL
E0001-1 SITE PLAN - ELECTRICAL
EL1000-1 LOWER LEVEL OVERALL - PHASE 1 - LIGHTING
EL1000-A-1 LOWER LEVEL - ZONE A - PHASE 1 - LIGHTING
EL1000-B-1 LOWER LEVEL - ZONE B - PHASE 1 - LIGHTING
EL1001-1 1ST FLR OVERALL - PHASE 1 - LIGHTING
EL1001-A-1 1ST FLR - ZONE A - PHASE 1 - LIGHTING
EL1001-B-1 1ST FLR - ZONE B - PHASE 1 - LIGHTING
EL1002-1 P2 FLR OVERALL - PHASE 1 - LIGHTING
EL1002-A-1 P2 FLR - ZONE A - PHASE 1 - LIGHTING
EL1002-B-1 P2 FLR - ZONE B - PHASE 1 - LIGHTING
EL1003-1 P3 FLR OVERALL - PHASE 1 - LIGHTING
EL1003-A-1 P3 FLR - ZONE A - PHASE 1 - LIGHTING
EL1003-B-1 P3 FLR - ZONE B - PHASE 1 - LIGHTING
EL1004-1 P4 FLR OVERALL - PHASE 1 - LIGHTING
EL1004-A-1 P4 FLR - ZONE A - PHASE 1 - LIGHTING
EL1004-B-1 P4 FLR - ZONE B - PHASE 1 - LIGHTING
EL1005-1 P5 FLR OVERALL - PHASE 1 - LIGHTING
EL1005-A-1 P5 FLR - ZONE A - PHASE 1 - LIGHTING
EL1005-B-1 P5 FLR - ZONE B - PHASE 1 - LIGHTING
EL1006-1 P6 FLR OVERALL - PHASE 1 - LIGHTING
EL1006-A-1 P6 FLR - ZONE A - PHASE 1 - LIGHTING
EL1006-B-1 P6 FLR - ZONE B - PHASE 1 - LIGHTING
EP1000-1 LOWER LEVEL OVERALL - PHASE 1 - POWER/SYSTEMS
EP1000-A-1 LOWER LEVEL - ZONE A - PHASE 1 - POWER/SYSTEMS
EP1000-B-1 LOWER LEVEL - ZONE B - PHASE 1 - POWER/SYSTEMS
EP1001-1 1ST FLR OVERALL - PHASE 1 - POWER/SYSTEMS
EP1001-A-1 1ST FLR - ZONE A - PHASE 1 - POWER/SYSTEMS
EP1001-A-2 1ST FLR - ZONE A - PHASE 2 - POWER/SYSTEMS
EP1001-B-1 1ST FLR - ZONE B - PHASE 1 - POWER/SYSTEMS
EP1001-B-2 1ST FLR - ZONE B - PHASE 2 - POWER/SYSTEMS
EP1002-1 P2 FLR OVERALL - PHASE 1 - POWER/SYSTEMS
EP1002-A-1 P2 FLR - ZONE A - PHASE 1 - POWER/SYSTEMS
EP1002-B-1 P2 FLR - ZONE B - PHASE 1 - POWER/SYSTEMS
EP1003-1 P3 FLR OVERALL - PHASE 1 - POWER/SYSTEMS
EP1003-A-1 P3 FLR - ZONE A - PHASE 1 - POWER/SYSTEMS
EP1003-A-2 P3 FLR - ZONE A - PHASE 2 - POWER/SYSTEMS
EP1003-B-1 P3 FLR - ZONE B - PHASE 1 - POWER/SYSTEMS
EP1003-B-2 P3 FLR - ZONE B - PHASE 2 - POWER/SYSTEMS
EP1004-1 P4 FLR OVERALL - PHASE 1 - POWER/SYSTEMS
EP1004-A-1 P4 FLR - ZONE A - PHASE 1 - POWER/SYSTEMS
EP1004-A-2 P4 FLR - ZONE A - PHASE 2 - POWER/SYSTEMS
EP1004-B-1 P4 FLR - ZONE B - PHASE 1 - POWER/SYSTEMS
EP1004-B-2 P4 FLR - ZONE B - PHASE 2 - POWER/SYSTEMS
EP1005-1 P5 FLR OVERALL - PHASE 1 - POWER/SYSTEMS
EP1005-A-1 P5 FLR - ZONE A - PHASE 1 - POWER/SYSTEMS
EP1005-A-2 P5 FLR - ZONE A - PHASE 2 - POWER/SYSTEMS
EP1005-B-1 P5 FLR - ZONE B - PHASE 1 - POWER/SYSTEMS
EP1005-B-2 P5 FLR - ZONE B - PHASE 2 - POWER/SYSTEMS
EP1006-1 P6 FLR OVERALL - PHASE 1 - POWER/SYSTEMS
EP1006-A-1 P6 FLR - ZONE A - PHASE 1 - POWER/SYSTEMS
EP1006-A-2 P6 FLR - ZONE A - PHASE 2 - POWER/SYSTEMS
EP1006-B-1 P6 FLR - ZONE B - PHASE 1 - POWER/SYSTEMS
EP1006-B-2 P6 FLR - ZONE B - PHASE 2 - POWER/SYSTEMS
EP1007-1 7TH FLR OVERALL - PHASE 1 - POWER/SYSTEMS
EP1007-A-2 P4 FLR - ZONE A - PHASE 2 - POWER/SYSTEMS
E6000-1 ONE-LINE DIAGRAM - ELECTRICAL
E8000-1 SCHEDULES - LIGHTING AND DEVICES
E8001-1 SCHEDULES - CONNECTIONS
E8002-1 SCHEDULES - CONNECTIONS
E8003-1 SCHEDULES - PANELS
E8004-1 SCHEDULES - PANELS
E8005-1 SCHEDULES - PANELS
E8006-1 SCHEDULES - PANELS
E9000-1 DETAILS

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

CONTRACT #9361

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

INDEX VOLUME 1 - PHASE 1

G0000-1.1

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FIRE RESISTIVE LEGEND

FIRE WALLS

4FW 4FW 4FW 4FW 4FW 4FW 4FW 4FW	4 HOUR FIRE WALL
3FW 3FW 3FW 3FW 3FW 3FW 3FW 3FW	3 HOUR FIRE WALL
2FW 2FW 2FW 2FW 2FW 2FW 2FW 2FW	2 HOUR FIRE WALL

FIRE BARRIERS

4FB 4FB 4FB 4FB 4FB 4FB 4FB 4FB	4 HOUR FIRE BARRIER
3FB 3FB 3FB 3FB 3FB 3FB 3FB 3FB	3 HOUR FIRE BARRIER
2FB 2FB 2FB 2FB 2FB 2FB 2FB 2FB	2 HOUR FIRE BARRIER
1FB 1FB 1FB 1FB 1FB 1FB 1FB 1FB	1 HOUR FIRE BARRIER

SHAFT ENCLOSURES

2SE 2SE 2SE 2SE 2SE 2SE 2SE 2SE	2 HOUR SHAFT ENCLOSURE
1SE 1SE 1SE 1SE 1SE 1SE 1SE 1SE	1 HOUR SHAFT ENCLOSURE

SMOKE BARRIERS

4SB 4SB 4SB 4SB 4SB 4SB 4SB 4SB	4 HOUR SMOKE BARRIER
3SB 3SB 3SB 3SB 3SB 3SB 3SB 3SB	3 HOUR SMOKE BARRIER
2SB 2SB 2SB 2SB 2SB 2SB 2SB 2SB	2 HOUR SMOKE BARRIER
1SB 1SB 1SB 1SB 1SB 1SB 1SB 1SB	1 HOUR SMOKE BARRIER

FIRE PARTITIONS

1FP 1FP 1FP 1FP 1FP 1FP 1FP 1FP	1 HOUR FIRE PARTITION
0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP	0.5 HOUR FIRE PARTITION
0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)

SMOKE TIGHT PARTITIONS

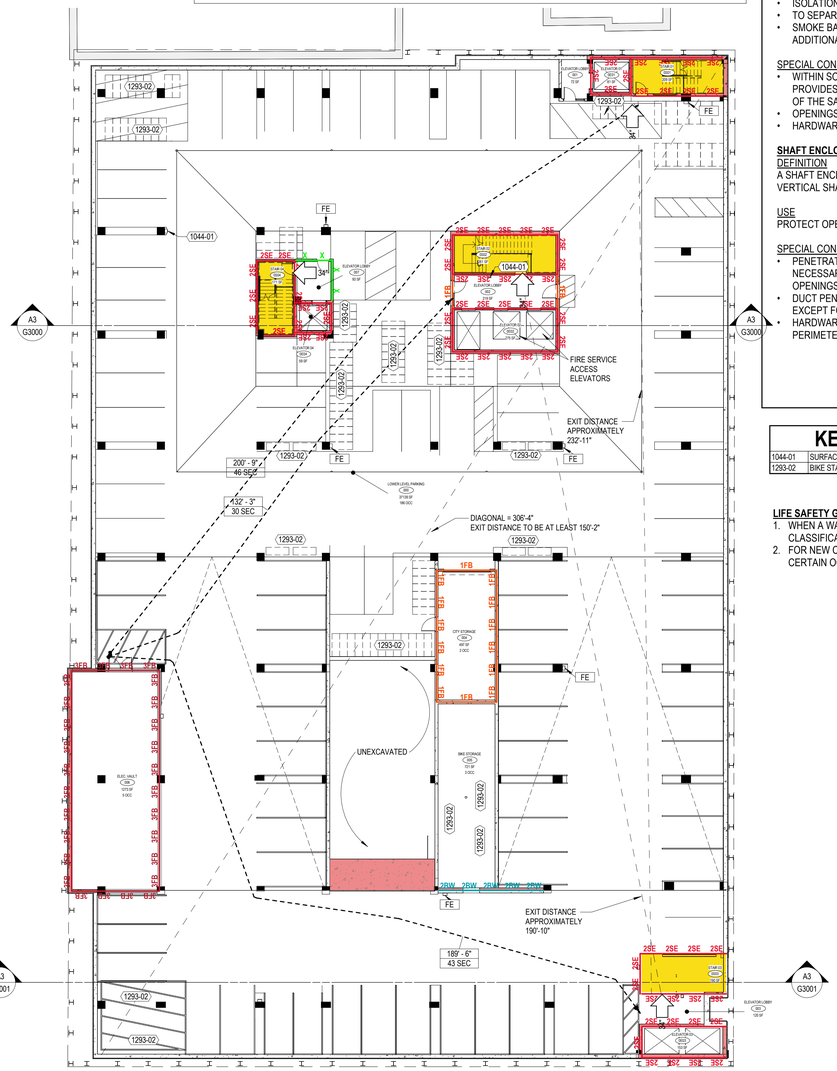
X X X X X X X X	SMOKE TIGHT PARTITION
XC XC XC XC XC XC XC XC	SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)
XP XP XP XP XP XP XP XP	SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)
XI XI XI XI XI XI XI XI	SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)

BEARING WALLS

2BW 2BW 2BW 2BW 2BW 2BW 2BW 2BW	2 HOUR BEARING WALL
1BW 1BW 1BW 1BW 1BW 1BW 1BW 1BW	1 HOUR BEARING WALL

MEANS OF EGRESS

- X" — FROM ROOM OR LEVEL: X = CLEAR WIDTH OF OPENING IN INCHES
- X" — EXIT DISCHARGE: X = CLEAR WIDTH OF OPENING IN INCHES
- # — NUMBER REQUIRED
- HE X" — HORIZONTAL 1-WAY
- X" HE HE X" — HORIZONTAL 2-WAY
- AR — AREA OF RESCUE ASSISTANCE
- ACCESSIBLE EGRESS COMPONENT
- EXIT ACCESS CORRIDOR
- EXIT PASSAGEWAY
- EXIT PASSAGE – SUITE
- SUITE DESIGNATIONS
- VERTICAL EXIT ENCLOSURE
- STAIRWAY (NON-REQUIRED MEANS OF EGRESS)
- HORIZONTAL RATED ASSEMBLY


1293-02
1044-01
FE
A3 G3000
A3 G3001
FIRE SERVICE ACCESS ELEVATORS
EXIT DISTANCE APPROXIMATELY 232'-11"
200' - 9" 46 SEC
432' - 3" 30 SEC
DIAGONAL = 306'-4"
EXIT DISTANCE TO BE AT LEAST 150'-2"
UNEXCAVATED
EXIT DISTANCE APPROXIMATELY 190'-10"
189' - 6" 43 SEC
1FB
2SE
2SB
2FW
2BW
3SE
3SB
3FW
3SW
3SE
3SB
3FW
3SW
3SE
3SB
3FW
3S

KEYNOTES PER SHEET

1293-02	BIKE STALL - GROUND 2'-0" X 6'-0"

FIRE RESISTIVE LEGEND

FIRE WALLS

4FW 4FW 4FW 4FW 4FW 4FW 4FW 4FW	4 HOUR FIRE WALL
3FW 3FW 3FW 3FW 3FW 3FW 3FW 3FW	3 HOUR FIRE WALL
2FW 2FW 2FW 2FW 2FW 2FW 2FW 2FW	2 HOUR FIRE WALL

FIRE BARRIERS

4FB 4FB 4FB 4FB 4FB 4FB 4FB 4FB	4 HOUR FIRE BARRIER
3FB 3FB 3FB 3FB 3FB 3FB 3FB 3FB	3 HOUR FIRE BARRIER
2FB 2FB 2FB 2FB 2FB 2FB 2FB 2FB	2 HOUR FIRE BARRIER
1FB 1FB 1FB 1FB 1FB 1FB 1FB 1FB	1 HOUR FIRE BARRIER

SHAFT ENCLOSURES

2SE 2SE 2SE 2SE 2SE 2SE 2SE 2SE	2 HOUR SHAFT ENCLOSURE
1SE 1SE 1SE 1SE 1SE 1SE 1SE 1SE	1 HOUR SHAFT ENCLOSURE

SMOKE BARRIERS

4SB 4SB 4SB 4SB 4SB 4SB 4SB 4SB	4 HOUR SMOKE BARRIER
3SB 3SB 3SB 3SB 3SB 3SB 3SB 3SB	3 HOUR SMOKE BARRIER
2SB 2SB 2SB 2SB 2SB 2SB 2SB 2SB	2 HOUR SMOKE BARRIER
1SB 1SB 1SB 1SB 1SB 1SB 1SB 1SB	1 HOUR SMOKE BARRIER

FIRE PARTITIONS

1FP 1FP 1FP 1FP 1FP 1FP 1FP 1FP	1 HOUR FIRE PARTITION
0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP	0.5 HOUR FIRE PARTITION
0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)

SMOKE TIGHT PARTITIONS

X X X X X X X X	SMOKE TIGHT PARTITION
XC XC XC XC XC XC XC XC	SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)
XP XP XP XP XP XP XP XP	SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)
XI XI XI XI XI XI XI XI	SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)

BEARING WALLS

2BW 2BW 2BW 2BW 2BW 2BW 2BW 2BW	2 HOUR BEARING WALL
1BW 1BW 1BW 1BW 1BW 1BW 1BW 1BW	1 HOUR BEARING WALL

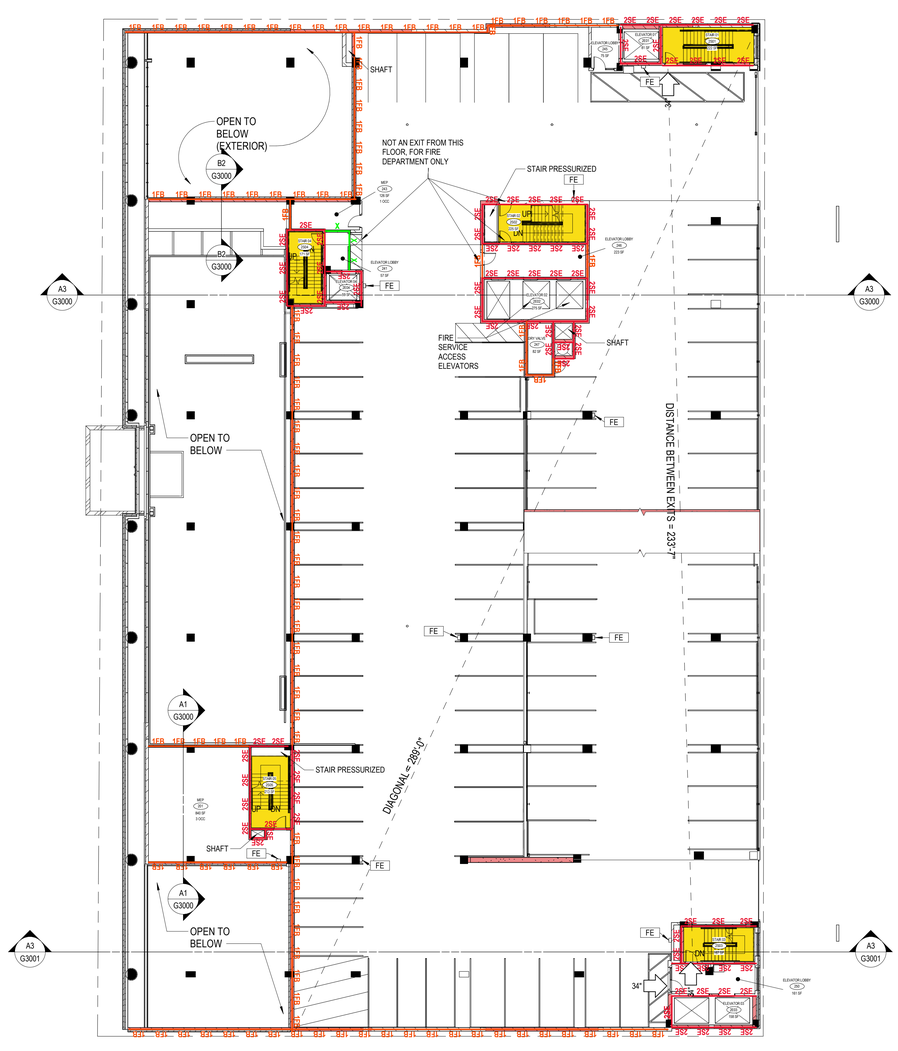
MEANS OF EGRESS

- X" — FROM ROOM OR LEVEL: X = CLEAR WIDTH OF OPENING IN INCHES
- X" — EXIT DISCHARGE: X = CLEAR WIDTH OF OPENING IN INCHES
- # — NUMBER REQUIRED
- HE X" — HORIZONTAL 1-WAY
- X" HE HE X" — HORIZONTAL 2-WAY
- AR — AREA OF RESCUE ASSISTANCE
- ACCESSIBLE EGRESS COMPONENT
- EXIT ACCESS CORRIDOR
- EXIT PASSAGEWAY
- EXIT PASSAGE – SUITE
- SUITE DESIGNATIONS
- VERTICAL EXIT ENCLOSURE
- STAIRWAY (NON-REQUIRED MEANS OF EGRESS)
- HORIZONTAL RATED ASSEMBLY

ARCH EL 1ST FLR 100'-0" = CIVIL 862'-0"



N A1 1ST FLR LIFE SAFETY PLAN
1/16" = 1'-0"



N A5 P2 FLR LIFE SAFETY PLAN
1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

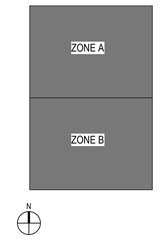
415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
05-12-2023	SCHEMATIC DESIGN PH2
07-28-2023	DESIGN DEVELOPMENT PH1
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST & P2 FLR LIFE SAFETY PLAN

G1001

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KEYNOTES PER SHEET

1044-01	SURFACE MOUNTED FIRE EXTINGUISHER CABINET
1044-02	SEMI-RECESSED FIRE EXTINGUISHER CABINET

FIRE RESISTIVE LEGEND

FIRE WALLS

- 4FW 4FW 4FW 4FW 4FW 4FW 4FW 4FW — 4 HOUR FIRE WALL
- 3FW 3FW 3FW 3FW 3FW 3FW 3FW 3FW — 3 HOUR FIRE WALL
- 2FW 2FW 2FW 2FW 2FW 2FW 2FW 2FW — 2 HOUR FIRE WALL

FIRE BARRIERS

- 4FB 4FB 4FB 4FB 4FB 4FB 4FB 4FB — 4 HOUR FIRE BARRIER
- 3FB 3FB 3FB 3FB 3FB 3FB 3FB 3FB — 3 HOUR FIRE BARRIER
- 2FB 2FB 2FB 2FB 2FB 2FB 2FB 2FB — 2 HOUR FIRE BARRIER
- 1FB 1FB 1FB 1FB 1FB 1FB 1FB 1FB — 1 HOUR FIRE BARRIER

SHAFT ENCLOSURES

- 2SE 2SE 2SE 2SE 2SE 2SE 2SE 2SE — 2 HOUR SHAFT ENCLOSURE
- 1SE 1SE 1SE 1SE 1SE 1SE 1SE 1SE — 1 HOUR SHAFT ENCLOSURE

SMOKE BARRIERS

- 4SB 4SB 4SB 4SB 4SB 4SB 4SB 4SB — 4 HOUR SMOKE BARRIER
- 3SB 3SB 3SB 3SB 3SB 3SB 3SB 3SB — 3 HOUR SMOKE BARRIER
- 2SB 2SB 2SB 2SB 2SB 2SB 2SB 2SB — 2 HOUR SMOKE BARRIER
- 1SB 1SB 1SB 1SB 1SB 1SB 1SB 1SB — 1 HOUR SMOKE BARRIER

FIRE PARTITIONS

- 1FP 1FP 1FP 1FP 1FP 1FP 1FP 1FP — 1 HOUR FIRE PARTITION
- 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP — 0.5 HOUR FIRE PARTITION
- .5 .5 .5 .5 .5 .5 .5 .5 — 0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)

SMOKE TIGHT PARTITIONS

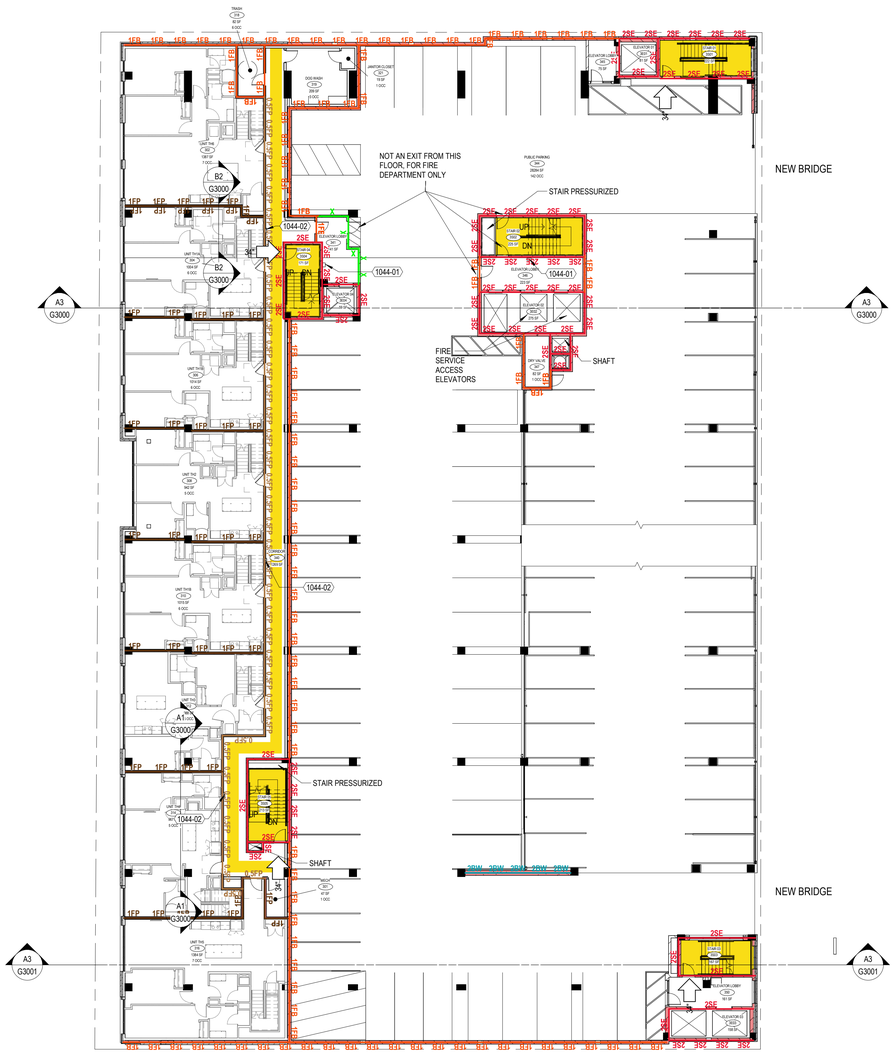
- X X X X X X X X — SMOKE TIGHT PARTITION
- XC XC XC XC XC XC XC XC — SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)
- XP XP XP XP XP XP XP XP — SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)
- XI XI XI XI XI XI XI XI — SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)

BEARING WALLS

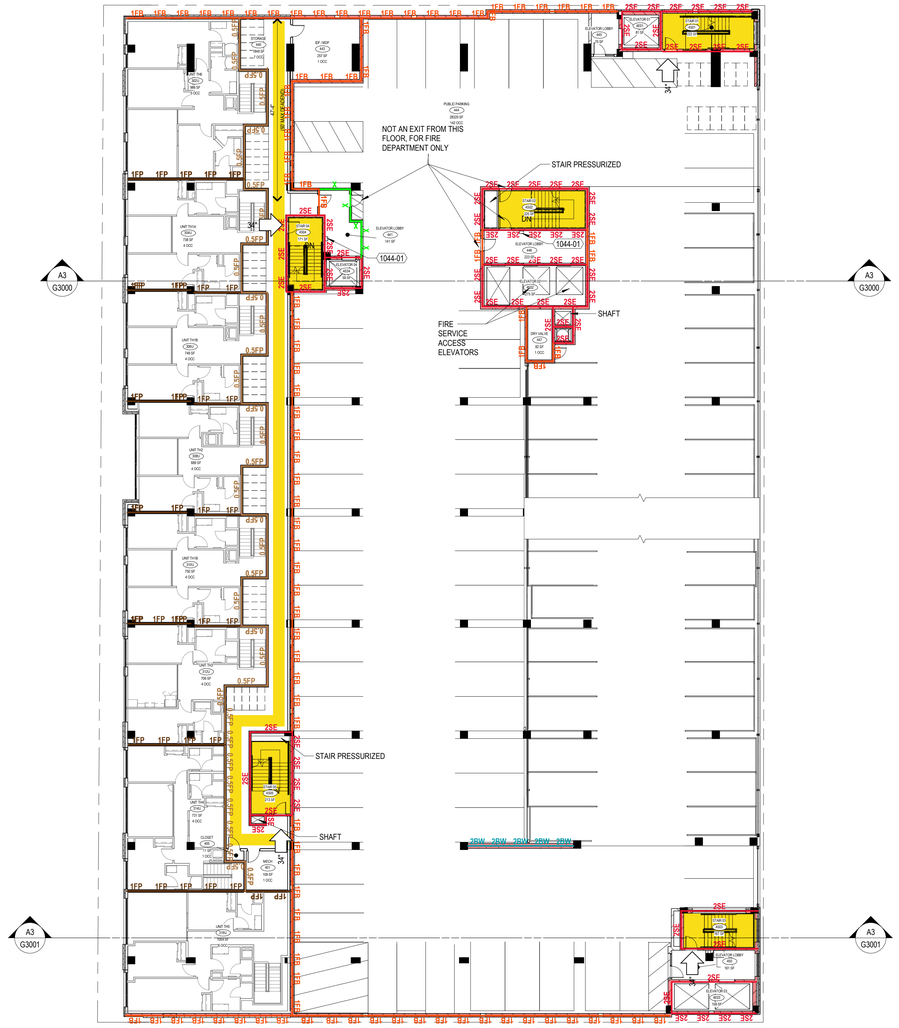
- 2BW 2BW 2BW 2BW 2BW 2BW 2BW 2BW — 2 HOUR BEARING WALL
- 1BW 1BW 1BW 1BW 1BW 1BW 1BW 1BW — 1 HOUR BEARING WALL

MEANS OF EGRESS

- X" — FROM ROOM OR LEVEL: X = CLEAR WIDTH OF OPENING IN INCHES
- X" — EXIT DISCHARGE: X = CLEAR WIDTH OF OPENING IN INCHES
- # — NUMBER REQUIRED
- HE X" — HORIZONTAL 1-WAY
- X" HE HE X" — HORIZONTAL 2-WAY
- AR — AREA OF RESCUE ASSISTANCE
- ACCESSIBLE EGRESS COMPONENT
- EXIT ACCESS CORRIDOR
- EXIT PASSAGEWAY
- EXIT PASSAGE – SUITE
- SUITE DESIGNATIONS
- VERTICAL EXIT ENCLOSURE
- STAIRWAY (NON-REQUIRED MEANS OF EGRESS)
- HORIZONTAL RATED ASSEMBLY



A1 P3 FLR LIFE SAFETY PLAN
1/16" = 1'-0"



A5 P4 FLR LIFE SAFETY PLAN
1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
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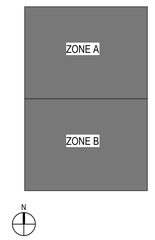
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P3 & P4 FLR LIFE SAFETY PLAN

G1002

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KEYNOTES PER SHEET

1044-01	SURFACE MOUNTED FIRE EXTINGUISHER CABINET
1044-02	SEMI-RECESSED FIRE EXTINGUISHER CABINET

FIRE RESISTIVE LEGEND

FIRE WALLS

4FW 4FW 4FW 4FW 4FW 4FW 4FW 4FW	4 HOUR FIRE WALL
3FW 3FW 3FW 3FW 3FW 3FW 3FW 3FW	3 HOUR FIRE WALL
2FW 2FW 2FW 2FW 2FW 2FW 2FW 2FW	2 HOUR FIRE WALL

FIRE BARRIERS

4FB 4FB 4FB 4FB 4FB 4FB 4FB 4FB	4 HOUR FIRE BARRIER
3FB 3FB 3FB 3FB 3FB 3FB 3FB 3FB	3 HOUR FIRE BARRIER
2FB 2FB 2FB 2FB 2FB 2FB 2FB 2FB	2 HOUR FIRE BARRIER
1FB 1FB 1FB 1FB 1FB 1FB 1FB 1FB	1 HOUR FIRE BARRIER

SHAFT ENCLOSURES

2SE 2SE 2SE 2SE 2SE 2SE 2SE 2SE	2 HOUR SHAFT ENCLOSURE
1SE 1SE 1SE 1SE 1SE 1SE 1SE 1SE	1 HOUR SHAFT ENCLOSURE

SMOKE BARRIERS

4SB 4SB 4SB 4SB 4SB 4SB 4SB 4SB	4 HOUR SMOKE BARRIER
3SB 3SB 3SB 3SB 3SB 3SB 3SB 3SB	3 HOUR SMOKE BARRIER
2SB 2SB 2SB 2SB 2SB 2SB 2SB 2SB	2 HOUR SMOKE BARRIER
1SB 1SB 1SB 1SB 1SB 1SB 1SB 1SB	1 HOUR SMOKE BARRIER

FIRE PARTITIONS

1FP 1FP 1FP 1FP 1FP 1FP 1FP 1FP	1 HOUR FIRE PARTITION
0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP	0.5 HOUR FIRE PARTITION
0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)

SMOKE TIGHT PARTITIONS

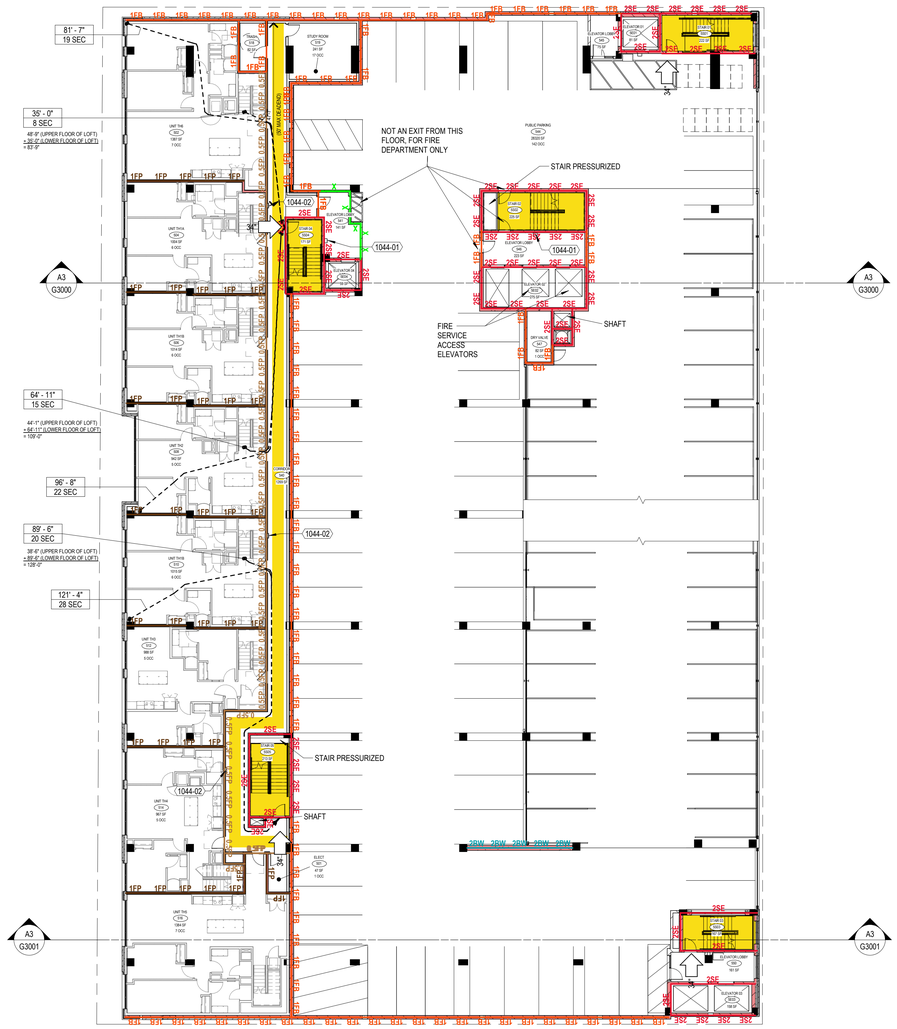
X X X X X X X X	SMOKE TIGHT PARTITION
XC XC XC XC XC XC XC XC	SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)
XP XP XP XP XP XP XP XP	SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)
XI XI XI XI XI XI XI XI	SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)

BEARING WALLS

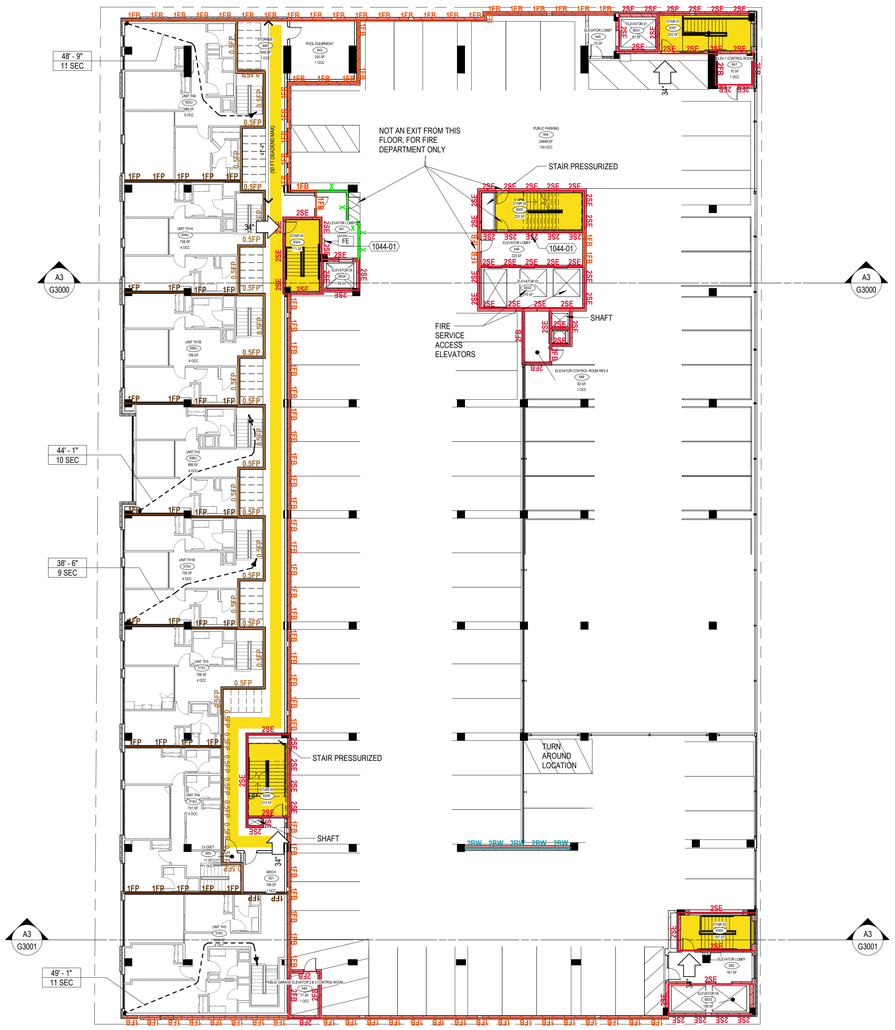
2BW 2BW 2BW 2BW 2BW 2BW 2BW 2BW	2 HOUR BEARING WALL
1BW 1BW 1BW 1BW 1BW 1BW 1BW 1BW	1 HOUR BEARING WALL

MEANS OF EGRESS

- X" — FROM ROOM OR LEVEL: X = CLEAR WIDTH OF OPENING IN INCHES
- X" — EXIT DISCHARGE: X = CLEAR WIDTH OF OPENING IN INCHES
- # — NUMBER REQUIRED
- HE X" — HORIZONTAL 1-WAY
- X" HE HE X" — HORIZONTAL 2-WAY
- AR — AREA OF RESCUE ASSISTANCE
- ACCESSIBLE EGRESS COMPONENT
- EXIT ACCESS CORRIDOR
- EXIT PASSAGEWAY
- EXIT PASSAGE – SUITE
- SUITE DESIGNATIONS
- VERTICAL EXIT ENCLOSURE
- STAIRWAY (NON-REQUIRED MEANS OF EGRESS)
- HORIZONTAL RATED ASSEMBLY



N A1 P5 LIFE SAFETY PLAN
1/16" = 1'-0"



N A4 P6 FLR LIFE SAFETY PLAN
1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
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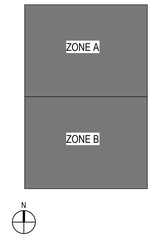
05-12-2023	SCHEMATIC DESIGN PH2
07-28-2023	DESIGN DEVELOPMENT PH1
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P5 & P6 FLR LIFE SAFETY PLAN

G1003

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KEYNOTES PER SHEET

1044-02	SEMI-RECESSED FIRE EXTINGUISHER CABINET

FIRE RESISTIVE LEGEND

FIRE WALLS

4FW 4FW 4FW 4FW 4FW 4FW 4FW 4FW	4 HOUR FIRE WALL
3FW 3FW 3FW 3FW 3FW 3FW 3FW 3FW	3 HOUR FIRE WALL
2FW 2FW 2FW 2FW 2FW 2FW 2FW 2FW	2 HOUR FIRE WALL

FIRE BARRIERS

4FB 4FB 4FB 4FB 4FB 4FB 4FB 4FB	4 HOUR FIRE BARRIER
3FB 3FB 3FB 3FB 3FB 3FB 3FB 3FB	3 HOUR FIRE BARRIER
2FB 2FB 2FB 2FB 2FB 2FB 2FB 2FB	2 HOUR FIRE BARRIER
1FB 1FB 1FB 1FB 1FB 1FB 1FB 1FB	1 HOUR FIRE BARRIER

SHAFT ENCLOSURES

2SE 2SE 2SE 2SE 2SE 2SE 2SE 2SE	2 HOUR SHAFT ENCLOSURE
1SE 1SE 1SE 1SE 1SE 1SE 1SE 1SE	1 HOUR SHAFT ENCLOSURE

SMOKE BARRIERS

4SB 4SB 4SB 4SB 4SB 4SB 4SB 4SB	4 HOUR SMOKE BARRIER
3SB 3SB 3SB 3SB 3SB 3SB 3SB 3SB	3 HOUR SMOKE BARRIER
2SB 2SB 2SB 2SB 2SB 2SB 2SB 2SB	2 HOUR SMOKE BARRIER
1SB 1SB 1SB 1SB 1SB 1SB 1SB 1SB	1 HOUR SMOKE BARRIER

FIRE PARTITIONS

1FP 1FP 1FP 1FP 1FP 1FP 1FP 1FP	1 HOUR FIRE PARTITION
0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP	0.5 HOUR FIRE PARTITION
0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)

SMOKE TIGHT PARTITIONS

X X X X X X X X	SMOKE TIGHT PARTITION
XC XC XC XC XC XC XC XC	SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)
XP XP XP XP XP XP XP XP	SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)
XI XI XI XI XI XI XI XI	SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)

BEARING WALLS

2BW 2BW 2BW 2BW 2BW 2BW 2BW 2BW	2 HOUR BEARING WALL
1BW 1BW 1BW 1BW 1BW 1BW 1BW 1BW	1 HOUR BEARING WALL

MEANS OF EGRESS

- X" — FROM ROOM OR LEVEL X = CLEAR WIDTH OF OPENING IN INCHES
- X" — EXIT DISCHARGE X = CLEAR WIDTH OF OPENING IN INCHES
- # — NUMBER REQUIRED
- HE X" — HORIZONTAL 1-WAY
- X" HE HE X" — HORIZONTAL 2-WAY
- AR — AREA OF RESCUE ASSISTANCE
- ACCESSIBLE EGRESS COMPONENT
- EXIT ACCESS CORRIDOR
- EXIT PASSAGEWAY
- EXIT PASSAGE – SUITE
- SUITE DESIGNATIONS
- VERTICAL EXIT ENCLOSURE
- STAIRWAY (NON-REQUIRED MEANS OF EGRESS)
- HORIZONTAL RATED ASSEMBLY



A1 7TH FLR LIFE SAFETY PLAN
1/16" = 1'-0"



A5 8TH FLR LIFE SAFETY PLAN
1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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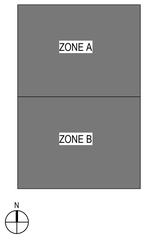
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

7TH & 8TH FLR LIFE SAFETY PLAN

G1004

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KEYNOTES PER SHEET

1044-02	SEMI-RECESSED FIRE EXTINGUISHER CABINET

FIRE RESISTIVE LEGEND

FIRE WALLS

4FW 4FW 4FW 4FW 4FW 4FW 4FW 4FW	4 HOUR FIRE WALL
3FW 3FW 3FW 3FW 3FW 3FW 3FW 3FW	3 HOUR FIRE WALL
2FW 2FW 2FW 2FW 2FW 2FW 2FW 2FW	2 HOUR FIRE WALL

FIRE BARRIERS

4FB 4FB 4FB 4FB 4FB 4FB 4FB 4FB	4 HOUR FIRE BARRIER
3FB 3FB 3FB 3FB 3FB 3FB 3FB 3FB	3 HOUR FIRE BARRIER
2FB 2FB 2FB 2FB 2FB 2FB 2FB 2FB	2 HOUR FIRE BARRIER
1FB 1FB 1FB 1FB 1FB 1FB 1FB 1FB	1 HOUR FIRE BARRIER

SHAFT ENCLOSURES

2SE 2SE 2SE 2SE 2SE 2SE 2SE 2SE	2 HOUR SHAFT ENCLOSURE
1SE 1SE 1SE 1SE 1SE 1SE 1SE 1SE	1 HOUR SHAFT ENCLOSURE

SMOKE BARRIERS

4SB 4SB 4SB 4SB 4SB 4SB 4SB 4SB	4 HOUR SMOKE BARRIER
3SB 3SB 3SB 3SB 3SB 3SB 3SB 3SB	3 HOUR SMOKE BARRIER
2SB 2SB 2SB 2SB 2SB 2SB 2SB 2SB	2 HOUR SMOKE BARRIER
1SB 1SB 1SB 1SB 1SB 1SB 1SB 1SB	1 HOUR SMOKE BARRIER

FIRE PARTITIONS

1FP 1FP 1FP 1FP 1FP 1FP 1FP 1FP	1 HOUR FIRE PARTITION
0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP	0.5 HOUR FIRE PARTITION
0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)

SMOKE TIGHT PARTITIONS

X X X X X X X X	SMOKE TIGHT PARTITION
XC XC XC XC XC XC XC XC	SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)
XP XP XP XP XP XP XP XP	SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)
XI XI XI XI XI XI XI XI	SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)

BEARING WALLS

2BW 2BW 2BW 2BW 2BW 2BW 2BW 2BW	2 HOUR BEARING WALL
1BW 1BW 1BW 1BW 1BW 1BW 1BW 1BW	1 HOUR BEARING WALL

MEANS OF EGRESS

- X" — FROM ROOM OR LEVEL, X = CLEAR WIDTH OF OPENING IN INCHES
- X" — EXIT DISCHARGE, X = CLEAR WIDTH OF OPENING IN INCHES
- # — NUMBER REQUIRED
- HE X" — HORIZONTAL 1-WAY
- X" HE HE X" — HORIZONTAL 2-WAY
- AR — AREA OF RESCUE ASSISTANCE
- ACCESSIBLE EGRESS COMPONENT
- EXIT ACCESS CORRIDOR
- EXIT PASSAGEWAY
- EXIT PASSAGE – SUITE
- SUITE DESIGNATIONS
- VERTICAL EXIT ENCLOSURE
- STAIRWAY (NON-REQUIRED MEANS OF EGRESS)
- HORIZONTAL RATED ASSEMBLY



N

A5 9TH - 15TH FLR LIFE SAFETY PLAN

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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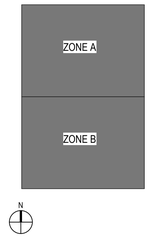
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

9TH-15TH FLR LIFE SAFETY PLAN

G1005

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KEYNOTES PER SHEET

1044-02	SEMI-RECESSED FIRE EXTINGUISHER CABINET

FIRE RESISTIVE LEGEND

FIRE WALLS

4FW 4FW 4FW 4FW 4FW 4FW 4FW 4FW	4 HOUR FIRE WALL
3FW 3FW 3FW 3FW 3FW 3FW 3FW 3FW	3 HOUR FIRE WALL
2FW 2FW 2FW 2FW 2FW 2FW 2FW 2FW	2 HOUR FIRE WALL

FIRE BARRIERS

4FB 4FB 4FB 4FB 4FB 4FB 4FB 4FB	4 HOUR FIRE BARRIER
3FB 3FB 3FB 3FB 3FB 3FB 3FB 3FB	3 HOUR FIRE BARRIER
2FB 2FB 2FB 2FB 2FB 2FB 2FB 2FB	2 HOUR FIRE BARRIER
1FB 1FB 1FB 1FB 1FB 1FB 1FB 1FB	1 HOUR FIRE BARRIER

SHAFT ENCLOSURES

2SE 2SE 2SE 2SE 2SE 2SE 2SE 2SE	2 HOUR SHAFT ENCLOSURE
1SE 1SE 1SE 1SE 1SE 1SE 1SE 1SE	1 HOUR SHAFT ENCLOSURE

SMOKE BARRIERS

4SB 4SB 4SB 4SB 4SB 4SB 4SB 4SB	4 HOUR SMOKE BARRIER
3SB 3SB 3SB 3SB 3SB 3SB 3SB 3SB	3 HOUR SMOKE BARRIER
2SB 2SB 2SB 2SB 2SB 2SB 2SB 2SB	2 HOUR SMOKE BARRIER
1SB 1SB 1SB 1SB 1SB 1SB 1SB 1SB	1 HOUR SMOKE BARRIER

FIRE PARTITIONS

1FP 1FP 1FP 1FP 1FP 1FP 1FP 1FP	1 HOUR FIRE PARTITION
0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP	0.5 HOUR FIRE PARTITION
0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)

SMOKE TIGHT PARTITIONS

X X X X X X X X	SMOKE TIGHT PARTITION
XC XC XC XC XC XC XC XC	SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)
XP XP XP XP XP XP XP XP	SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)
XI XI XI XI XI XI XI XI	SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)

BEARING WALLS

2BW 2BW 2BW 2BW 2BW 2BW 2BW 2BW	2 HOUR BEARING WALL
1BW 1BW 1BW 1BW 1BW 1BW 1BW 1BW	1 HOUR BEARING WALL

MEANS OF EGRESS

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- X" — EXIT DISCHARGE: X = CLEAR WIDTH OF OPENING IN INCHES
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- X" HE HE X" — HORIZONTAL 2-WAY
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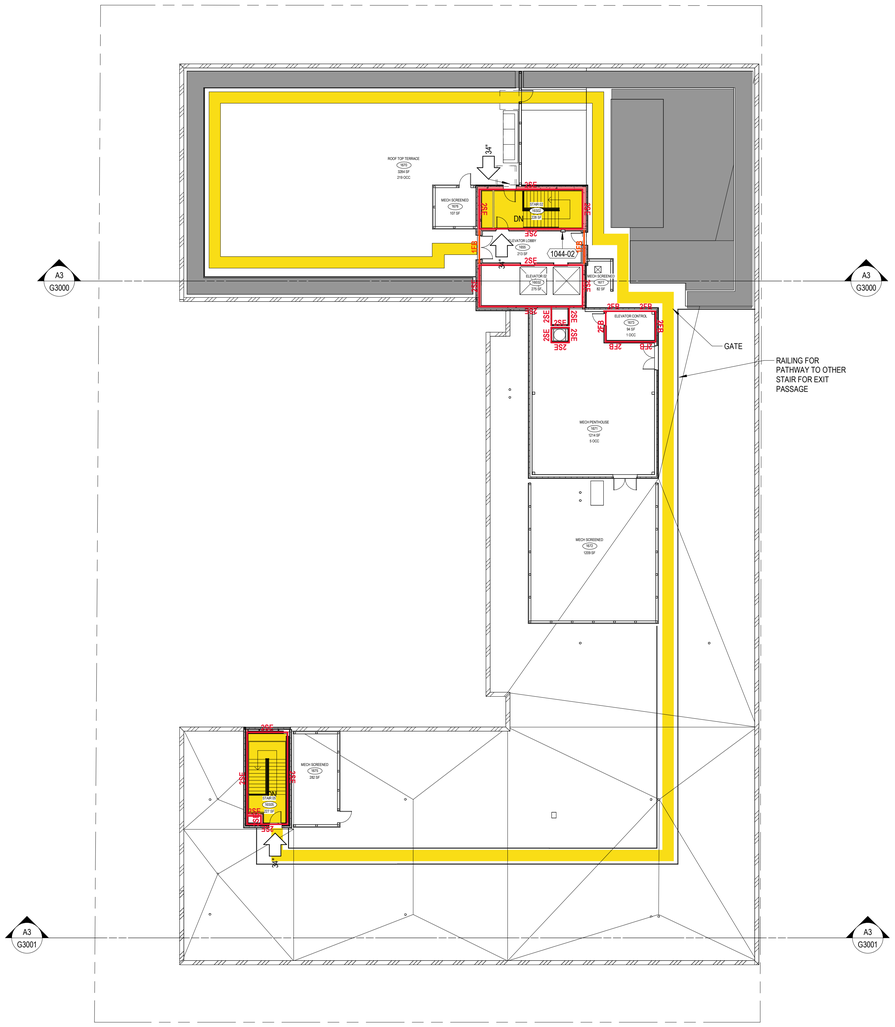
- ACCESSIBLE EGRESS COMPONENT
- EXIT ACCESS CORRIDOR
- EXIT PASSAGEWAY
- EXIT PASSAGE – SUITE
- SUITE DESIGNATIONS
- VERTICAL EXIT ENCLOSURE
- STAIRWAY (NON-REQUIRED MEANS OF EGRESS)
- HORIZONTAL RATED ASSEMBLY



N

A5 TOP OF ROOF LIFE SAFETY PLAN

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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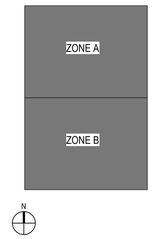
KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

ROOF LIFE SAFETY PLAN

G1012

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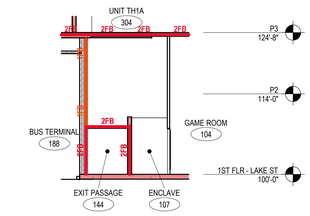
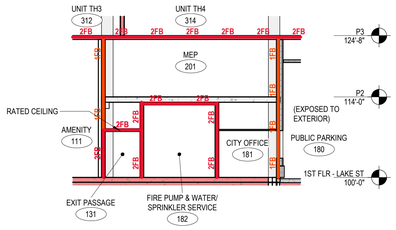


B2 SECTION AT NORTH EXIT PASSAGE
3/32" = 1'-0"



A1 SECTION AT FIRE PUMP/EXIT PASSAGE
3/32" = 1'-0"



A3 EAST-WEST SECTION
3/32" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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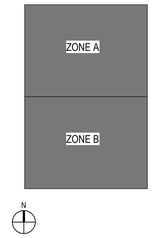
KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

LIFE SAFETY SECTION

G3000

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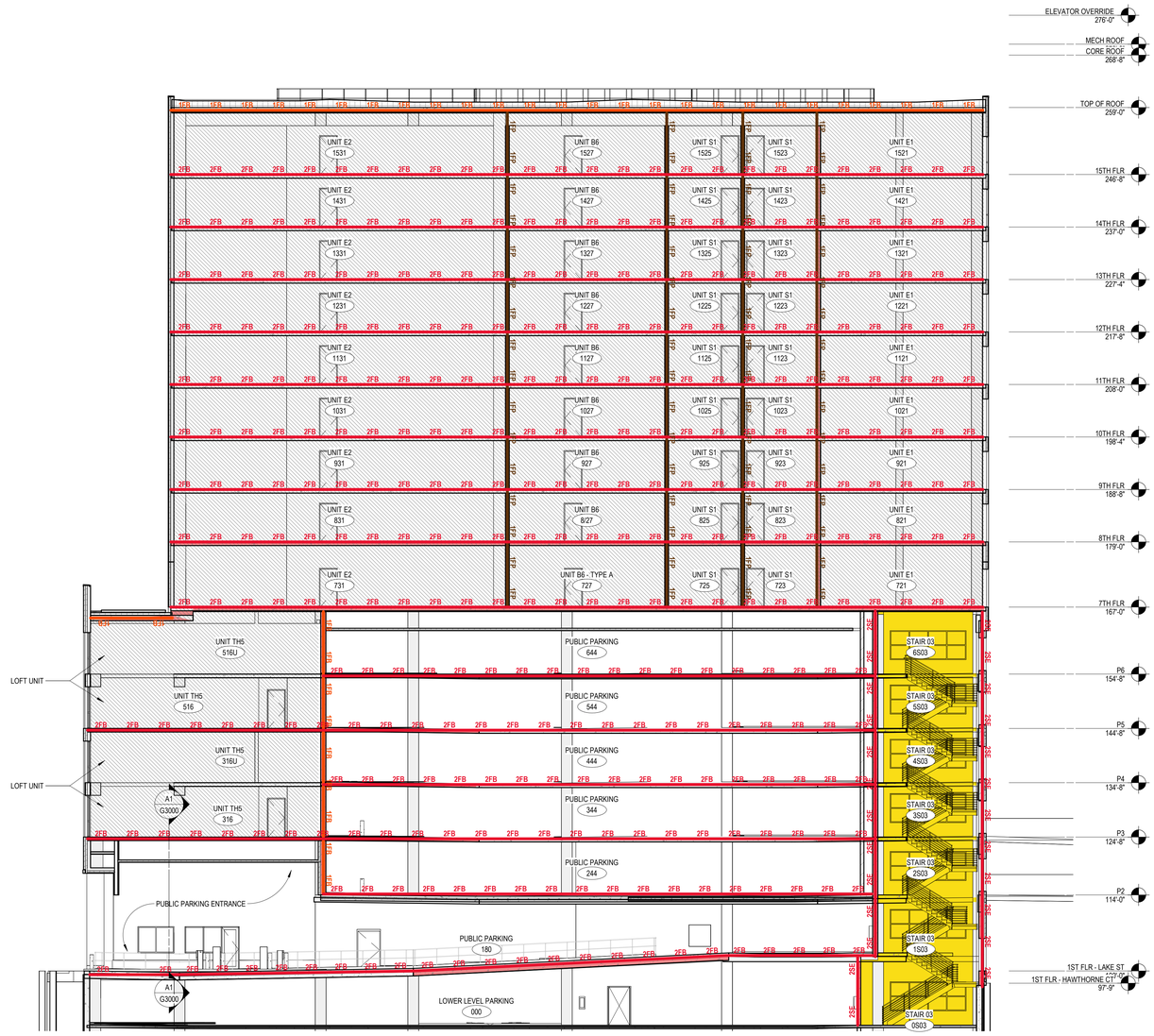

A3 BUILDING SECTION AT PUBLIC ENTRY
3/32" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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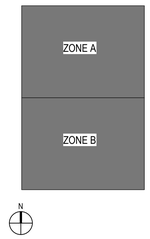
KEY PLAN



SHEET INFORMATION

PROJECT MANAGER MO

PROJECT NUMBER 720448

LIFE SAFETY SECTION

G3001

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OCC LOAD & WIDTH

NO.	ROOM NAME	FUNCTION OF SPACE	AREA	AREA PER OCC	OCC LOAD	STAIR WIDTH	OTHER WIDTH
006	ELEC. VAULT	Accessory Storage / MechEquipment	1,272.55 SF	300	5	1.50	1.00
004	CITY STORAGE	Accessory Storage / MechEquipment	497.2 SF	300	2	0.60	0.40
005	BIKE STORAGE	Accessory Storage / MechEquipment	720.61 SF	300	3	0.90	0.60
000	LOWER LEVEL PARKING	Parking Garage	37,138.67 SF	200	186	55.80	37.20
LL			39,629.03 SF		196	58.80	39.20
128	FIRE COMMAND CENTER	Accessory Storage / MechEquipment	205.94 SF	300	1	0.30	0.20
182	FIRE PUMP & WATER/ SPRINKLER SERVICE	Accessory Storage / MechEquipment	314.28 SF	300	2	0.60	0.40
118	TRASH	Accessory Storage / MechEquipment	990.94 SF	300	4	1.20	0.80
112	PARCEL STORAGE	Accessory Storage / MechEquipment	249.78 SF	300	1	0.30	0.20
133	PLUMBING EQUIPMENT	Accessory Storage / MechEquipment	486.33 SF	300	2	0.60	0.40
110	MAIL	Accessory Storage / MechEquipment	301.46 SF	300	2	0.60	0.40
187	GENERATOR	Accessory Storage / MechEquipment	370.98 SF	300	2	0.60	0.40
116	MDF	Accessory Storage / MechEquipment	62.06 SF	300	1	0.30	0.20
191	MAINTENANCE	Accessory Storage / MechEquipment	53.87 SF	300	1	0.30	0.20
183	CITY DEMARK ROOM	Accessory Storage / MechEquipment	190.84 SF	300	1	0.30	0.20
184	CITY ELECTRICAL ROOM	Accessory Storage / MechEquipment	521.28 SF	300	2	0.60	0.40
142	HOUSING ELECTRICAL ROOM	Accessory Storage / MechEquipment	419.36 SF	300	2	0.60	0.40
118A	STORAGE	Accessory Storage / MechEquipment	77.97 SF	300	1	0.30	0.20
143	MPOE	Accessory Storage / MechEquipment	63.5 SF	300	1	0.30	0.20
130	STUDY LOUNGE	Assembly w/o Fixed Seats - Unconcentrated	177.93 SF	15	12	3.60	2.40
103	TV LOUNGE	Assembly w/o Fixed Seats - Unconcentrated	498.03 SF	15	34	10.20	6.80
189	BUS WAITING	Assembly w/o Fixed Seats - Unconcentrated	419.83 SF	15	28	8.40	5.60
193	BUS WAITING AREA	Assembly w/o Fixed Seats - Unconcentrated	338.25 SF	15	23	6.90	4.60
117	HOUSING MAINTENANCE OFFICE	Business Areas	208.06 SF	100	3	0.90	0.60
129	LOUNGE	Business Areas	370.4 SF	100	4	1.20	0.80
123	WORK ROOM	Business Areas	112.31 SF	100	2	0.60	0.40
119	OFFICE	Business Areas	82.36 SF	100	1	0.30	0.20
120	OFFICE	Business Areas	80.9 SF	100	1	0.30	0.20
121	OFFICE	Business Areas	82.36 SF	100	1	0.30	0.20
122	OFFICE	Business Areas	82.36 SF	100	1	0.30	0.20
126	STUDY ROOM	Business Areas	94.74 SF	100	1	0.30	0.20
125	STUDY ROOM	Business Areas	97.33 SF	100	1	0.30	0.20
124	STUDY ROOM	Business Areas	95.77 SF	100	1	0.30	0.20
109	CAFE	Business Areas	355.45 SF	100	4	1.20	0.80
104	GAME ROOM	Business Areas	922.8 SF	100	10	3.00	2.00
127	SEATING	Business Areas	71.14 SF	100	10	3.00	2.00
185	OFFICE	Business Areas	111.46 SF	100	2	0.60	0.40
181	CITY OFFICE	Business Areas	261.37 SF	100	3	0.90	0.60
108	ENCLAVE	Business Areas	46.76 SF	100	1	0.30	0.20
107	ENCLAVE	Business Areas	44.49 SF	100	1	0.30	0.20
106	ENCLAVE	Business Areas	44.49 SF	100	1	0.30	0.20
105	ENCLAVE	Business Areas	38.75 SF	100	1	0.30	0.20
180	PUBLIC PARKING	Parking Garage	12,835.23 SF	200	65	19.50	13.00
140	RESIDENT PARKING	Residential	3,275.13 SF	200	17	5.10	3.40
1ST FLR - LAKE ST			25,056.31 SF		251	75.30	50.20
201	MEP	Accessory Storage / MechEquipment	840.5 SF	300	3	0.90	0.60
243	MEP	Accessory Storage / MechEquipment	125.71 SF	300	1	0.30	0.20
247	DRY VALVE	Accessory Storage / MechEquipment	82.14 SF	300			
244	PUBLIC PARKING	Parking Garage	27,921.26 SF	200	140	42.00	28.00
P2			28,969.61 SF		144	43.20	28.80
321	JANITOR CLOSET	Accessory Storage / MechEquipment	18.78 SF	300	1	0.30	0.20
301	MECH	Accessory Storage / MechEquipment	47.17 SF	300	1	0.30	0.20
318	TRASH	Accessory Storage / MechEquipment	81.81 SF	300	1	0.30	0.20
347	DRY VALVE	Accessory Storage / MechEquipment	82.14 SF	300	1	0.30	0.20
319	DOG WASH	Business Areas	208.97 SF	100	3	0.90	0.60
344	PUBLIC PARKING	Parking Garage	28,283.77 SF	200	142	42.60	28.40
314	UNIT TH4	Residential	967.5 SF	200	5	1.50	1.00
308	UNIT TH2	Residential	941.55 SF	200	5	1.50	1.00
306	UNIT TH1B	Residential	1,014.25 SF	200	6	1.80	1.20
304	UNIT TH1A	Residential	1,004.11 SF	200	6	1.80	1.20
302	UNIT TH6	Residential	1,387.36 SF	200	7	2.10	1.40
316	UNIT TH5	Residential	1,383.97 SF	200	7	2.10	1.40
310	UNIT TH1B	Residential	1,014.81 SF	200	6	1.80	1.20
312	UNIT TH3	Residential	988.16 SF	200	5	1.50	1.00
P3			37,424.34 SF		196	58.80	39.20
440	STORAGE	Accessory Storage / MechEquipment	1,848.31 SF	300	7	2.10	1.40
401	MECH	Accessory Storage / MechEquipment	109.38 SF	300	1	0.30	0.20
405	CLOSET	Accessory Storage / MechEquipment	10.81 SF	300	1	0.30	0.20
443	IDF / MDF	Accessory Storage / MechEquipment	256.9 SF	300	1	0.30	0.20
447	DRY VALVE	Accessory Storage / MechEquipment	82.14 SF	300	1	0.30	0.20
444	PUBLIC PARKING	Parking Garage	28,320.49 SF	200	142	42.60	28.40
302U	UNIT TH6	Residential	986 SF	200	5	1.50	1.00
304U	UNIT TH1A	Residential	737.73 SF	200	4	1.20	0.80
306U	UNIT TH1B	Residential	748.73 SF	200	4	1.20	0.80
308U	UNIT TH2	Residential	689.48 SF	200	4	1.20	0.80
310U	UNIT TH1B	Residential	749.94 SF	200	4	1.20	0.80
312U	UNIT TH3	Residential	706.24 SF	200	4	1.20	0.80
316U	UNIT TH5	Residential	1,059.38 SF	200	6	1.80	1.20
314U	UNIT TH4	Residential	730.56 SF	200	4	1.20	0.80
P4			37,036.08 SF		188	56.40	37.60
501	ELECT	Accessory Storage / MechEquipment	47.17 SF	300	1	0.30	0.20
547	DRY VALVE	Accessory Storage / MechEquipment	82.14 SF	300	1	0.30	0.20
519	STUDY ROOM	Assembly w/o Fixed Seats - Unconcentrated	240.85 SF	15	17	5.10	3.40
544	PUBLIC PARKING	Parking Garage	28,320.49 SF	200	142	42.60	28.40
514	UNIT TH4	Residential	967.5 SF	200	5	1.50	1.00
512	UNIT TH3	Residential	988.16 SF	200	5	1.50	1.00
510	UNIT TH1B	Residential	1,014.81 SF	200	6	1.80	1.20
508	UNIT TH2	Residential	941.55 SF	200	5	1.50	1.00
504	UNIT TH1A	Residential	1,004.11 SF	200	6	1.80	1.20
502	UNIT TH6	Residential	1,387.36 SF	200	7	2.10	1.40
506	UNIT TH1B	Residential	1,014.25 SF	200	6	1.80	1.20
516	UNIT TH5	Residential	1,383.97 SF	200	7	2.10	1.40
P5			37,392.34 SF		208	62.40	41.60
601	MECH	Accessory Storage / MechEquipment	109.38 SF	300	1	0.30	0.20
640	STORAGE	Accessory Storage / MechEquipment	1,848.31 SF	300	7	2.10	1.40
605	CLOSET	Accessory Storage / MechEquipment	10.81 SF	300	1	0.30	0.20
643	POOL EQUIPMENT	Accessory Storage / MechEquipment	243.12 SF	300	1	0.30	0.20
647	ELEV 1 CONTROL ROOM	Accessory Storage / MechEquipment	70.02 SF	300	1	0.30	0.20
649	PUBLIC GARAGE ELEVATOR 2 & 3 CONTROL ROOM	Accessory Storage / MechEquipment	77 SF	300	1	0.30	0.20
648	ELEVATOR CONTROL ROOM RES 4	Accessory Storage / MechEquipment	82.14 SF	300	1	0.30	0.20
644	PUBLIC PARKING	Parking Garage	24,697.81 SF	200	124	37.20	24.80
502U	UNIT TH6	Residential	986 SF	200	5	1.50	1.00
504U	UNIT TH1A	Residential	737.73 SF	200	4	1.20	0.80
506U	UNIT TH1B	Residential	748.73 SF	200	4	1.20	0.80
508U	UNIT TH2	Residential	689.48 SF	200	4	1.20	0.80
510U	UNIT TH1B	Residential	749.94 SF	200	4	1.20	0.80
512U	UNIT TH3	Residential	706.24 SF	200	4	1.20	0.80
516U	UNIT TH5	Residential	1,059.38 SF	200	6	1.80	1.20
514U	UNIT TH4	Residential	730.56 SF	200	4	1.20	0.80
P6			33,546.64 SF		172	51.60	34.40
754	JANITOR	Accessory Storage / MechEquipment	41.53 SF	300	1	0.30	0.20
751	STUDY	Accessory Storage / MechEquipment	64.79 SF	300	1	0.30	0.20
752	ELECT	Accessory Storage / MechEquipment	64.49 SF	300	1	0.30	0.20
756	ELECT	Accessory Storage / MechEquipment	42.51 SF	300	1	0.30	0.20
742	STORAGE	Accessory Storage / MechEquipment	60.49 SF	300	1	0.30	0.20
761	FITNESS	Exercise	2,342.66 SF	50	47	14.10	9.40
774	OUTDOOR FITNESS	Exercise	1,134.21 SF	50	23	6.90	4.60
731	UNIT E2	Residential	1,545.27 SF	200	8	2.40	1.60
732	UNIT A1	Residential	511.32 SF	200	3	0.90	0.60
723	UNIT S1	Residential	322.32 SF	200	2	0.60	0.40
725	UNIT S1	Residential	320.37 SF	200	2	0.60	0.40
721	UNIT E1	Residential	1,484.35 SF	200	8	2.40	1.60
727	UNIT B6 - TYPE A	Residential	688.16 SF	200	4	1.20	0.80
728	UNIT D9	Residential	1,439.19 SF	200	8	2.40	1.60
714	UNIT B5	Residential	758.3 SF	200	4	1.20	0.80
716	UNIT D8	Residential	1,302.57 SF	200	7	2.10	1.40
712	UNIT A3	Residential	499.38 SF	200	3	0.90	0.60
719	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
717	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
715	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
713	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
711	UNIT B3 - TYPE A	Residential	952.54 SF	200	5	1.50	1.00
709	UNIT D4	Residential	1,213.32 SF	200	7	2.10	1.40
707	UNIT B1	Residential	653.16 SF	200	4	1.20	0.80
730	UNIT B4	Residential	812.28 SF	200	5	1.50	1.00
704	UNIT S1 - TYPE A	Residential	394.27 SF	200	2	0.60	0.40

OCC LOAD & WIDTH

NO.	ROOM NAME	FUNCTION OF SPACE	AREA	AREA PER OCC	OCC LOAD	STAIR WIDTH	OTHER WIDTH
705	UNIT S1	Residential	334.09 SF	200	2	0.60	0.40
703	UNIT D3	Residential	1,188.3 SF	200	6	1.80	1.20
771	OUTDOOR PATIO	Skating Rinks / Swimming Pools - Deck	4,629.53 SF	15	309	92.70	61.80
772	POOL	Skating Rinks / Swimming Pools - Rink & Pool	928.81 SF	50	11	3.30	2.20
773	HOT TUB	Skating Rinks / Swimming Pools - Rink & Pool	163.29 SF	50	4	1.20	0.80
7TH FLR			27,314.39 SF		499	149.70	99.80
856	ELECT	Accessory Storage / MechEquipment	42.3 SF	300	1	0.30	0.20
851	STUDY	Accessory Storage / MechEquipment	65.31 SF	300	1	0.30	0.20
852	IDF	Accessory Storage / MechEquipment	64.23 SF	300	1	0.30	0.20
801	UNIT D2	Residential	1,210.41 SF	200	7	2.10	1.40
807	UNIT B1	Residential	653.75 SF	200	4	1.20	0.80
814	UNIT B5	Residential	758.46 SF	200	4	1.20	0.80
816	UNIT D8 - TYPE A	Residential	1,302.68 SF	200	7	2.10	1.40
804	UNIT B2	Residential	872.44 SF	200	5	1.50	1.00
802	UNIT D5	Residential	1,278.04 SF	200	7	2.10	1.40
809	UNIT D4	Residential	1,214.74 SF	200	7	2.10	1.40
811	UNIT B3	Residential	953.72 SF	200	5	1.50	1.00
813	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
812	UNIT A3 - TYPE A	Residential	500.8 SF	200	3	0.90	0.60
815	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
817	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
828	UNIT D9	Residential	1,439.67 SF	200	8	2.40	1.60
821	UNIT E1	Residential	1,470.58 SF	200	8	2.40	1.60
823	UNIT S1	Residential	319.52 SF	200	2	0.60	0.40
825	UNIT S1	Residential	317.57 SF	200	2	0.60	0.40
827	UNIT B6	Residential	689.31 SF	200	4	1.20	0.80
830	UNIT D1	Residential	1,062.68 SF	200	6	1.80	1.20
832	UNIT A1	Residential	501.72 SF	200	3	0.90	0.60
805	UNIT D3	Residential	1,187.83 SF	200	6	1.80	1.20
831	UNIT E2	Residential	1,541.54 SF	200	8	2.40	1.60
819	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
8TH FLR			21,270.21 SF		119	35.70	23.80
954	STORAGE	Accessory Storage / MechEquipment	40.05 SF	300	1	0.30	0.20
951	STUDY	Accessory Storage / MechEquipment	65.31 SF	300	1	0.30	0.20
952	ELECT	Accessory Storage / MechEquipment	64.23 SF	300	1	0.30	0.20
956	ELECT	Accessory Storage / MechEquipment	42.3 SF	300	1	0.30	0.20
905	UNIT D3	Residential	1,187.83 SF	200	6	1.80	1.20
901	UNIT D2	Residential	1,210.41 SF	200	7	2.10	1.40
902	UNIT D5	Residential	1,278.04 SF	200	7	2.10	1.40
923	UNIT S1	Residential	319.52 SF	200	2	0.60	0.40
925	UNIT S1	Residential	320.37 SF	200	2	0.60	0.40
931	UNIT E2	Residential	1,541.54 SF	200	8	2.40	1.60
919	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
917	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
915	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
913	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
911	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
921	UNIT E1	Residential	1,470.58 SF	200	8	2.40	1.60
904	UNIT B2	Residential	872.44 SF	200	5	1.50	1.00
909	UNIT D4	Residential	1,214.74 SF	200	7	2.10	1.40
914	UNIT B5	Residential	758.46 SF	200	4	1.20	0.80
916	UNIT D8	Residential	1,303.85 SF	200	7	2.10	1.40
907	UNIT B1	Residential	653.75 SF	200	4	1.20	0.80
927	UNIT B6	Residential	690.71 SF	200	4	1.20	0.80
928	UNIT D9	Residential	1,439.67 SF	200	8	2.40	1.60
930	UNIT D1	Residential	1,062.68 SF	200	6	1.80	1.20
932	UNIT A1	Residential	501.72 SF	200	3	0.90	0.60
912	UNIT A3	Residential	499.38 SF	200	3	0.90	0.60
9TH FLR			21,316.21 SF		120	36.00	24.00
1054	STORAGE	Accessory Storage / MechEquipment	40.05 SF	300	1	0.30	0.20
1051	STUDY	Accessory Storage / MechEquipment	65.31 SF	300	1	0.30	0.20
1052	IDF	Accessory Storage / MechEquipment	64.23 SF	300	1	0.30	0.20
1056	IDF	Accessory Storage / MechEquipment	42.3 SF	300	1	0.30	0.20
1005	UNIT D3	Residential	1,187.83 SF	200	6	1.80	1.20
1001	UNIT D2	Residential	1,210.41 SF	200	7	2.10	1.40
1002	UNIT D5	Residential	1,278.04 SF	200	7	2.10	1.40
1025	UNIT S1	Residential	317.57 SF	200	2	0.60	0.40
1031	UNIT E2	Residential	1,541.54 SF	200	8	2.40	1.60
1017	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1015	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1013	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1011	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1021	UNIT E1	Residential	1,470.58 SF	200	8	2.40	1.60
1004	UNIT B2	Residential	872.44 SF	200	5	1.50	1.00
1009	UNIT D4	Residential	1,214.74 SF	200	7	2.10	1.40
1014	UNIT B5	Residential	758.46 SF	200	4	1.20	0.80
1016	UNIT D8	Residential	1,303.85 SF	200	7	2.10	1.40
1007	UNIT B1	Residential	653.75 SF	200	4	1.20	0.80
1027	UNIT B6	Residential	690.71 SF	200	4	1.20	0.80
1028	UNIT D9	Residential	1,439.67 SF	200	8	2.40	1.60
1030	UNIT D1	Residential	1,062.68 SF	200	6	1.80	1.20
1032	UNIT A1	Residential	501.72 SF	200	3	0.90	0.60
1012	UNIT A3	Residential	499.38 SF	200	3	0.90	0.60
1019	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
10TH FLR			21,313.41 SF		120	36.00	24.00
1154	JANITOR	Accessory Storage / MechEquipment	40.05 SF	300	1	0.30	0.20
1151	STUDY	Accessory Storage / MechEquipment	65.31 SF	300	1	0.30	0.20
1152	ELECT	Accessory Storage / MechEquipment	64.23 SF	300	1	0.30	0.20
1156	ELECT	Accessory Storage / MechEquipment	42.3 SF	300	1	0.30	0.20
1105	UNIT D3	Residential	1,187.83 SF	200	6	1.80	1.20
1101	UNIT D2	Residential	1,210.41 SF	200	7	2.10	1.40
1102	UNIT D5	Residential	1,278.04 SF	200	7	2.10	1.40
1123	UNIT S1	Residential	319.52 SF	200	2	0.60	0.40
1125	UNIT S1	Residential	317.57 SF	200	2	0.60	0.40
1131	UNIT E2	Residential	1,541.54 SF	200	8	2.40	1.60
1117	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1115	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1113	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1111	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1121	UNIT E1	Residential	1,470.58 SF	200	8	2.40	1.60
1104	UNIT B2	Residential	872.44 SF	200	5	1.50	1.00
1109	UNIT D4	Residential	1,214.74 SF	200	7	2.10	1.40
1114	UNIT B5	Residential	758.46 SF	200	4	1.20	0.80
1116	UNIT D8	Residential	1,303.85 SF	200	7	2.10	1.40
1107	UNIT B1	Residential	653.75 SF	200	4	1.20	0.80
1127	UNIT B6	Residential	690.71 SF	200	4	1.20	0.80
1128	UNIT D9	Residential	1,439.67 SF	200	8	2.40	1.60
1130	UNIT D1	Residential	1,062.68 SF	200	6	1.80	1.20
1132	UNIT A1	Residential	501.72 SF	200	3	0.90	0.60
1112	UNIT A3	Residential	499.38 SF	200	3	0.90	0.60
1119	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
11TH FLR			21,313.41 SF		120	36.00	24.00
1254	STORAGE	Accessory Storage / MechEquipment	40.05 SF	300	1	0.30	0.20
1251	STUDY	Accessory Storage / MechEquipment	65.31 SF	300	1	0.30	0.20
1252	IDF	Accessory Storage / MechEquipment	64.23 SF	300	1	0.30	0.20
1256	IDF	Accessory Storage / MechEquipment	42.3 SF	300	1	0.30	0.20
1205	UNIT D3	Residential	1,187.83 SF	200	6	1.80	1.20
1201	UNIT D2	Residential	1,210.41 SF	200	7	2.10	1.40
1202	UNIT D5	Residential	1,278.04 SF	200	7	2.10	1.40
1223	UNIT S1	Residential	319.52 SF	200	2	0.60	0.40
1225	UNIT S1	Residential	317.57 SF	200	2	0.60	0.40
1231	UNIT E2	Residential	1,541.54 SF	200	8	2.40	1.60
1219	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1217	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1215	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1213	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1211	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1221	UNIT E1	Residential	1,470.58 SF	200	8	2.40	1.60
1204	UNIT B2	Residential	872.44 SF	200	5	1.50	1.00
1209	UNIT D4	Residential	1,214.74 SF	200	7	2.10	1.40
1214	UNIT B5	Residential	758.46 SF	200	4	1.20	0.80
1216	UNIT D8	Residential	1,303.85 SF	200	7	2.10	1.40
1207	UNIT B1	Residential	653.75 SF	200	4	1.20	0.80
1227	UNIT B6	Residential	690.71 SF	200	4	1.20	0.80
1228	UNIT D9	Residential	1,439.67 SF	200	8	2.40	1.60
1230	UNIT D1	Residential	1,062.68 SF	200	6	1.80	1.20
1232	UNIT A1	Residential	501.72 SF	200	3	0.90	0.60

OCC LOAD & WIDTH

NO.	ROOM NAME	FUNCTION OF SPACE	AREA	AREA PER OCC	OCC LOAD	STAIR WIDTH	OTHER WIDTH
1212	UNIT A3	Residential	499.38 SF	200	3	0.90	0.60
12TH FLR			21,313.41 SF		120	36.00	24.00
1354	STORAGE	Accessory Storage / MechEquipment	40.05 SF	300	1	0.30	0.20
1351	STUDY	Accessory Storage / MechEquipment	65.31 SF	300	1	0.30	0.20
1352	ELECT	Accessory Storage / MechEquipment	64.23 SF	300	1	0.30	0.20
1356	ELECT	Accessory Storage / MechEquipment	42.3 SF	300	1	0.30	0.20
1305	UNIT D3	Residential	1,187.83 SF	200	6	1.80	1.20
1301	UNIT D2	Residential	1,210.41 SF	200	7	2.10	1.40
1302	UNIT D5	Residential	1,278.04 SF	200	7	2.10	1.40
1323	UNIT S1	Residential	319.52 SF	200	2	0.60	0.40
1325	UNIT S1	Residential	317.57 SF	200	2	0.60	0.40
1331	UNIT E2	Residential	1,541.54 SF	200	8	2.40	1.60
1319	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1317	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1315	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1313	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1311	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1321	UNIT E1	Residential	1,470.58 SF	200	8	2.40	1.60
1304	UNIT B2	Residential	872.44 SF	200	5	1.50	1.00
1309	UNIT D4	Residential	1,214.74 SF	200	7	2.10	1.40
1314	UNIT B5	Residential	758.46 SF	200	4	1.20	0.80
1316	UNIT D8	Residential	1,303.85 SF	200	7	2.10	1.40
1307	UNIT B1	Residential	653.75 SF	200	4	1.20	0.80
1327	UNIT B6	Residential	690.71 SF	200	4	1.20	0.80
1328	UNIT D9	Residential	1,439.67 SF	200	8	2.40	1.60
1330	UNIT D1	Residential	1,062.68 SF	200	6	1.80	1.20
1332	UNIT A1	Residential	501.72 SF	200	3	0.90	0.60
1312	UNIT A3	Residential	499.38 SF	200	3	0.90	0.60
13TH FLR			21,313.41 SF		120	36.00	24.00
1451	STUDY	Accessory Storage / MechEquipment	65.31 SF	300	1	0.30	0.20
1452	IDF	Accessory Storage / MechEquipment	64.23 SF	300	1	0.30	0.20
1456	IDF	Accessory Storage / MechEquipment	42.3 SF	300	1	0.30	0.20
1454	STORAGE	Accessory Storage / MechEquipment	40.05 SF	300	1	0.30	0.20
1405	UNIT D3	Residential	1,187.83 SF	200	6	1.80	1.20
1401	UNIT D2	Residential	1,210.41 SF	200	7	2.10	1.40
1402	UNIT D5	Residential	1,280.63 SF	200	7	2.10	1.40
1423	UNIT S1	Residential	319.52 SF	200	2	0.60	0.40
1425	UNIT S1	Residential	317.57 SF	200	2	0.60	0.40
1431	UNIT E2	Residential	1,549.45 SF	200	8	2.40	1.60
1419	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1417	UNIT B3	Residential	955.72 SF	200	5	1.50	1.00
1415	UNIT B3	Residential	955.72 SF	200	5	1.

BIKE STALLS

LEVEL	TYPE	COUNT	Phase Created
LL	BIKE STALL - GROUND	2	Phase 1
LL	BIKE STALL - GROUND	147	Phase 2
		149	
1ST FLR - LAKE ST	BIKE STALL - GROUND	26	Phase 2
		26	
P4	BIKE STALL - WALL	84	Phase 2
		84	
P6	BIKE STALL - WALL	84	Phase 2
		84	
Grand total: 343		343	

MOPED STALL

LEVEL	TYPE	COUNT	STALL SIZE	PHASE CREATED
LL	MOPED PARKING	12	3'-0" WIDTH X 6'-0" LENGTH	Phase 2
		12		
P4	MOPED PARKING	11	3'-0" WIDTH X 6'-0" LENGTH	Phase 1
		11		
P5	MOPED PARKING	11	3'-0" WIDTH X 6'-0" LENGTH	Phase 1
		11		
Grand total: 34		34		

PARKING

LEVEL	TYPE	COUNT
LL	ADA	3
LL	ADA EV READY	1
LL	COMPACT	12
LL	COMPACT EV	2
LL	EV	11
LL	EV READY	9
LL	SHORT COMPACT	15
LL	SHORT COMPACT EV	5
LL	STANDARD PARKING	33
LL: 91		91
1ST FLR - LAKE ST	COMPACT	3
1ST FLR - LAKE ST	EV	5
1ST FLR - LAKE ST	EV READY	7
1ST FLR - LAKE ST	STANDARD PARKING	16
1ST FLR - LAKE ST: 31		31
P2	ADA	2
P2	COMPACT	9
P2	EV READY	23
P2	SHORT COMPACT	3
P2	STANDARD PARKING	39
P2: 76		76
P3	ADA	3
P3	COMPACT	6
P3	EV READY	23
P3	SHORT COMPACT	6
P3	STANDARD PARKING	40
P3: 78		78
P4		1
P4	ADA	2
P4	COMPACT	11
P4	EV READY	23
P4	SHORT COMPACT	4
P4	STANDARD PARKING	42
P4: 83		83
P5	ADA	2
P5	COMPACT	8
P5	EV READY	4
P5	SHORT COMPACT	8
P5	STANDARD PARKING	61
P5: 83		83
P6	ADA	2
P6	COMPACT	12
P6	SHORT COMPACT	4
P6	STANDARD PARKING	41
P6: 59		59
Grand total: 501		501

UPPER FLOORS OF LOFT UNITS; WHICH DOES NOT COUNT TOWARD TO TOTAL NUMBER OF UNITS BUT ARE INCLUDED IN THE TOTAL NUMBER FOR SF AREA AND BED/BATHROOM COUNT

UNIT SCHEDULE P4

LEVEL	NUMBER	ROOM NAME	BED COUNT	BATHROOM COUNT	AREA
P4	304U	UNIT TH1A	2	2	738 SF
P4	306U	UNIT TH1B	2	2	749 SF
P4	310U	UNIT TH1B	2	2	750 SF
P4	308U	UNIT TH2	2	2	689 SF
P4	312U	UNIT TH3	2	2	706 SF
P4	314U	UNIT TH4	3	3	731 SF
P4	316U	UNIT TH5	3	3	1,059 SF
P4	302U	UNIT TH6	3	3	986 SF
P4: 8			19	19	
Grand total: 8			19	19	

UNIT SCHEDULE P6

LEVEL	NUMBER	ROOM NAME	BED COUNT	BATHROOM COUNT	AREA
P6	504U	UNIT TH1A	2	2	738 SF
P6	506U	UNIT TH1B	2	2	749 SF
P6	510U	UNIT TH1B	2	2	750 SF
P6	508U	UNIT TH2	2	2	689 SF
P6	512U	UNIT TH3	2	2	706 SF
P6	514U	UNIT TH4	3	3	731 SF
P6	516U	UNIT TH5	3	3	1,059 SF
P6	502U	UNIT TH6	3	3	986 SF
P6: 8			19	19	
Grand total: 8			19	19	

UNIT SCHEDULE

LEVEL	NUMBER	ROOM NAME	BED COUNT	BATHROOM COUNT	AREA
P3	302	UNIT TH6	2	2	1,387 SF
P3	304	UNIT TH1A	2	2	1,004 SF
P3	306	UNIT TH1B	2	2	1,014 SF
P3	308	UNIT TH2	2	2	942 SF
P3	310	UNIT TH1B	2	2	1,015 SF
P3	312	UNIT TH3	2	2	988 SF
P3	314	UNIT TH4	2	2	967 SF
P3	316	UNIT TH5	2	2	1,384 SF
P3: 8			16	16	
P5	502	UNIT TH6	2	2	1,387 SF
P5	504	UNIT TH1A	2	2	1,004 SF
P5	506	UNIT TH1B	2	2	1,014 SF
P5	508	UNIT TH2	2	2	942 SF
P5	510	UNIT TH1B	2	2	1,015 SF
P5	512	UNIT TH3	2	2	988 SF
P5	514	UNIT TH4	2	2	967 SF
P5	516	UNIT TH5	2	2	1,384 SF
P5: 8			16	16	
7TH FLR	703	UNIT D3	4	4	1,188 SF
7TH FLR	704	UNIT S1 - TYPE A	1	1	394 SF
7TH FLR	705	UNIT S1	1	1	334 SF
7TH FLR	707	UNIT B1	2	1	653 SF
7TH FLR	709	UNIT D4	4	3	1,213 SF
7TH FLR	711	UNIT B3 - TYPE A	4	2	953 SF
7TH FLR	712	UNIT A3	1	1	499 SF
7TH FLR	713	UNIT B3	4	2	956 SF
7TH FLR	714	UNIT B5	3	2	758 SF
7TH FLR	715	UNIT B3	4	2	956 SF
7TH FLR	716	UNIT D8	5	4	1,303 SF
7TH FLR	717	UNIT B3	4	2	956 SF
7TH FLR	719	UNIT B3	4	2	956 SF
7TH FLR	721	UNIT E1	5	5	1,484 SF
7TH FLR	723	UNIT S1	1	1	322 SF
7TH FLR	725	UNIT S1	1	1	320 SF
7TH FLR	727	UNIT B6 - TYPE A	2	2	688 SF
7TH FLR	728	UNIT D9	5	4	1,439 SF
7TH FLR	730	UNIT B4	2	2	812 SF
7TH FLR	731	UNIT E2	5	5	1,545 SF
7TH FLR	732	UNIT A1	1	1	511 SF
7TH FLR: 21			63	48	
8TH FLR	8/27	UNIT B6	2	2	689 SF
8TH FLR	801	UNIT D2	4	4	1,210 SF
8TH FLR	802	UNIT D5	4	4	1,278 SF
8TH FLR	804	UNIT B2	2	2	872 SF
8TH FLR	805	UNIT D3	4	4	1,188 SF
8TH FLR	807	UNIT B1	2	1	654 SF
8TH FLR	809	UNIT D4	4	3	1,215 SF
8TH FLR	811	UNIT B3	4	2	954 SF
8TH FLR	812	UNIT A3 - TYPE A	1	1	501 SF
8TH FLR	813	UNIT B3	4	2	956 SF
8TH FLR	814	UNIT B5	3	2	758 SF
8TH FLR	815	UNIT B3	4	2	956 SF
8TH FLR	816	UNIT D8 - TYPE A	5	4	1,303 SF
8TH FLR	817	UNIT B3	4	2	956 SF
8TH FLR	819	UNIT B3	4	2	956 SF
8TH FLR	821	UNIT E1	5	5	1,471 SF
8TH FLR	823	UNIT S1	1	1	320 SF
8TH FLR	825	UNIT S1	1	1	318 SF
8TH FLR	828	UNIT D9	5	4	1,440 SF
8TH FLR	830	UNIT D1	4	2	1,063 SF
8TH FLR	831	UNIT E2	5	5	1,542 SF
8TH FLR	832	UNIT A1	1	1	502 SF
8TH FLR: 22			73	56	
9TH FLR	901	UNIT D2	4	4	1,210 SF
9TH FLR	902	UNIT D5	4	4	1,278 SF
9TH FLR	904	UNIT B2	2	2	872 SF
9TH FLR	905	UNIT D3	4	4	1,188 SF
9TH FLR	907	UNIT B1	2	1	654 SF
9TH FLR	909	UNIT D4	4	3	1,215 SF
9TH FLR	911	UNIT B3	4	2	956 SF
9TH FLR	912	UNIT A3	1	1	499 SF
9TH FLR	913	UNIT B3	4	2	956 SF
9TH FLR	914	UNIT B5	3	2	758 SF
9TH FLR	915	UNIT B3	4	2	956 SF
9TH FLR	916	UNIT D8	5	4	1,304 SF
9TH FLR	917	UNIT B3	4	2	956 SF
9TH FLR	919	UNIT B3	4	2	956 SF
9TH FLR	921	UNIT E1	5	5	1,471 SF
9TH FLR	923	UNIT S1	1	1	320 SF
9TH FLR	925	UNIT S1	1	1	320 SF
9TH FLR	927	UNIT B6	2	2	691 SF
9TH FLR	928	UNIT D9	5	4	1,440 SF
9TH FLR	930	UNIT D1	4	2	1,063 SF
9TH FLR	931	UNIT E2	5	5	1,542 SF
9TH FLR	932	UNIT A1	1	1	502 SF
9TH FLR: 22			73	56	
10TH FLR	1001	UNIT D2	4	4	1,210 SF
10TH FLR	1002	UNIT D5	4	4	1,278 SF
10TH FLR	1004	UNIT B2	2	2	872 SF
10TH FLR	1005	UNIT D3	4	4	1,188 SF
10TH FLR	1007	UNIT B1	2	1	654 SF
10TH FLR	1009	UNIT D4	4	3	1,215 SF
10TH FLR	1011	UNIT B3	4	2	956 SF
10TH FLR	1012	UNIT A3	1	1	499 SF
10TH FLR	1013	UNIT B3	4	2	956 SF
10TH FLR	1014	UNIT B5	3	2	758 SF
10TH FLR	1015	UNIT B3	4	2	956 SF
10TH FLR	1016	UNIT D8	5	4	1,304 SF
10TH FLR	1017	UNIT B3	4	2	956 SF
10TH FLR	1019	UNIT B3	4	2	956 SF
10TH FLR	1021	UNIT E1	5	5	1,471 SF
10TH FLR	1023	UNIT S1	1	1	320 SF
10TH FLR	1025	UNIT S1	1	1	318 SF
10TH FLR	1027	UNIT B6	2	2	691 SF
10TH FLR	1028	UNIT D9	5	4	1,440 SF
10TH FLR	1030	UNIT D1	4	2	1,063 SF
10TH FLR	1031	UNIT E2	5	5	1,542 SF
10TH FLR	1032	UNIT A1	1	1	502 SF
10TH FLR: 22			73	56	
11TH FLR	1101	UNIT D2	4	4	1,210 SF
11TH FLR	1102	UNIT D5	4	4	1,278 SF
11TH FLR	1104	UNIT B2	2	2	872 SF
11TH FLR	1105	UNIT D3	4	4	1,188 SF
11TH FLR	1107	UNIT B1	2	1	654 SF
11TH FLR	1109	UNIT D4	4	3	1,215 SF
11TH FLR	1111	UNIT B3	4	2	956 SF
11TH FLR	1112	UNIT A3	1	1	499 SF
11TH FLR	1113	UNIT B3	4	2	956 SF
11TH FLR	1114	UNIT B5	3	2	758 SF
11TH FLR	1115	UNIT B3	4	2	956 SF
11TH FLR	1116	UNIT D8	5	4	1,304 SF
11TH FLR	1117	UNIT B3	4	2	956 SF
11TH FLR	1119	UNIT B3	4	2	956 SF
11TH FLR	1121	UNIT E1	5	5	1,471 SF
11TH FLR	1123	UNIT S1	1	1	320 SF
11TH FLR	1125	UNIT S1	1	1	318 SF
11TH FLR	1127	UNIT B6	2	2	691 SF
11TH FLR	1128	UNIT D9	5	4	1,440 SF
11TH FLR	1130	UNIT D1	4	2	1,063 SF
11TH FLR	1131	UNIT E2	5	5	1,542 SF
11TH FLR	1132	UNIT A1	1	1	502 SF
11TH FLR: 22			73	56	

UNIT SCHEDULE

LEVEL	NUMBER	ROOM NAME	BED COUNT	BATHROOM COUNT	AREA
12TH FLR	1201	UNIT D2	4	4	1,210 SF
12TH FLR	1202	UNIT D5	4	4	1,278 SF
12TH FLR	1204	UNIT B2	2	2	872 SF
12TH FLR	1205	UNIT D3	4	4	1,188 SF
12TH FLR	1207	UNIT B1	2	1	654 SF
12TH FLR	1209	UNIT D4	4	3	1,215 SF
12TH FLR	1211	UNIT B3	4	2	956 SF
12TH FLR	1212	UNIT A3	1	1	499 SF
12TH FLR	1213	UNIT B3	4	2	956 SF
12TH FLR	1214	UNIT B5	3	2	758 SF
12TH FLR	1215	UNIT B3	4	2	956 SF
12TH FLR	1216	UNIT D8	5	4	1,304 SF
12TH FLR	1217	UNIT B3	4	2	956 SF
12TH FLR	1219	UNIT B3	4	2	956 SF
12TH FLR	1221	UNIT E1	5	5	1,471 SF
12TH FLR	1223	UNIT S1	1	1	320 SF
12TH FLR	1225	UNIT S1	1	1	318 SF
12TH FLR	1227	UNIT B6	2	2	691 SF
12TH FLR	1228	UNIT D9	5	4	1,440 SF
12TH FLR	1230	UNIT D1	4	2	1,063 SF
12TH FLR	1231	UNIT E2	5	5	1,542 SF
12TH FLR	1232	UNIT A1	1	1	502 SF
12TH FLR: 22			73	56	
13TH FLR	1301	UNIT D2	4	4	1,210 SF
13TH FLR	1302	UNIT D5	4	4	1,278 SF
13TH FLR	1304	UNIT B2	2	2	872 SF
13TH FLR	1305	UNIT D3	4	4	1,188 SF
13TH FLR	1307	UNIT B1	2	1	654 SF
13TH FLR	1309	UNIT D4	4	3	1,215 SF
13TH FLR	1311	UNIT B3	4	2	956 SF
13TH FLR	1312	UNIT A3	1	1	499 SF
13TH FLR	1313	UNIT B3	4	2	956 SF
13TH FLR	1314	UNIT B5	3	2	758 SF
13TH FLR	1315	UNIT B3	4	2	956 SF
13TH FLR	1316	UNIT D8	5	4	1,304 SF
13TH FLR	1317	UNIT B3	4	2	956 SF
13TH FLR	1319	UNIT B3	4	2	956 SF
13TH FLR	1321	UNIT E1	5	5	1,471 SF
13TH FLR	1323	UNIT S1	1	1	320 SF
13TH FLR	1325	UNIT S1	1	1	318 SF
13TH FLR	1327	UNIT B6	2	2	691 SF
13TH FLR	1328	UNIT D9	5	4	1,440 SF
13TH FLR	1330	UNIT D1	4	2	1,063 SF
13TH FLR	1331	UNIT E2	5	5	1,542 SF
13TH FLR	1332	UNIT A1	1	1	502 SF
13TH FLR: 22			73	56	
14TH FLR	1401	UNIT D2	4	4	1,210 SF
14TH FLR	1402	UNIT D5	4	4	1,281 SF
14TH FLR	1404	UNIT B2	2	2	872 SF
14TH FLR	1405	UNIT D3	4	4	1,188 SF
14TH FLR	1407	UNIT B1	2	1	654 SF
14TH FLR	1409	UNIT D4	4	3	1,218 SF
14TH FLR	1411	UNIT B3	4	2	956 SF
14TH FLR	1412	UNIT A3	1	1	499 SF
14TH FLR	1413	UNIT B3	4	2	956 SF
14TH FLR	1414	UNIT B5	3	2	758 SF
14TH FLR	1415	UNIT B3	4	2	956 SF
14TH FLR	1416	UNIT D8	5	4	1,304 SF
14TH FLR	1417	UNIT B3	4	2	956 SF
14TH FLR	1419	UNIT B3	4	2	956 SF
14TH FLR	1421	UNIT E1	5	5	1,488 SF
14TH FLR	1423	UNIT S1	1	1	320 SF
14TH FLR	1425	UNIT S1	1	1	318 SF
14TH FLR	1427	UNIT B6	2	2	691 SF
14TH FLR	1428	UNIT D9	5	4	1,440 SF
14TH FLR	1430	UNIT D1	4	2	1,063 SF
14TH FLR	1431	UNIT E2	5	5	1,549 SF
14TH FLR	1432	UNIT A1	1	1	525 SF
14TH FLR: 22			73	56	
15TH FLR	1501	UNIT D2	4	4	1,210 SF
15TH FLR	1502	UNIT D5	4	4	1,281 SF
15TH FLR	1504	UNIT B2	2	2	872 SF
15TH FLR	1505	UNIT D3	4	4	1,188 SF
15TH FLR	1507	UNIT B1	2	1	654 SF
15TH FLR	1509	UNIT D4	4	3	1,218 SF
15TH FLR	1511	UNIT B3	4	2	956 SF
15TH FLR	1512	UNIT A3	1	1	499 SF
15TH FLR	1513	UNIT B3	4	2	956 SF
15TH FLR	1514	UNIT B5	3	2	758 SF
15TH FLR	1515	UNIT B3	4	2	956 SF
15TH FLR	1516	UNIT D8	5	4	1,304 SF
15TH FLR	1517	UNIT B3	4	2	956 SF
15TH FLR	1519	UNIT B3	4	2	956 SF
15TH FLR	1521	UNIT E1	5	5	1,488 SF
15TH FLR	1523	UNIT S1	1	1	320 SF
15TH FLR	1525	UNIT S1	1	1	318 SF
15TH FLR	1527	UNIT B6	2	2	691 SF
15TH FLR	1528	UNIT D9	5	4	1,440 SF
15TH FLR	1530	UNIT D1	4	2	1,063 SF
15TH FLR	1531	UNIT E2	5	5	1,549 SF
15TH FLR	1532	UNIT A1	1	1	514 SF
15TH FLR: 22			73	56	
Grand total: 213			679	528	

AREA FOR UNITS IN CHART ARE FROM FACE OF INTERIOR SIDE OF EXTERIOR WALL, CORRIDOR AND DEMISING WALL

TOTAL WITH UPPER FLOORS OF LOFTS

UNITS:213 **BEDS:717** **BATHROOMS: 566**

milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

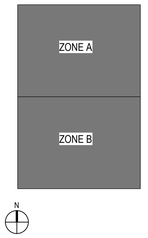
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
05-12-2023	SCHEMATIC DESIGN PH2
07-28-2023	DESIGN DEVELOPMENT PH1
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER MO

PROJECT NUMBER 720448

CODE CALCS

G4001

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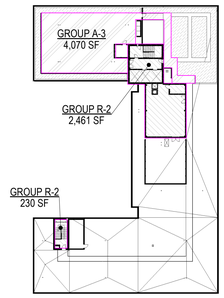
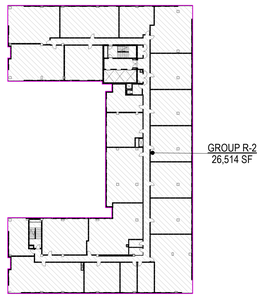
AREA SCHEDULE

NAME	AREA
GROUP A-3	14,075.79 SF
GROUP B	15,010.69 SF
GROUP R-2	287,677.73 SF
GROUP S-2	226,567.53 SF
	543,331.74 SF

AREA IS GROSS FLOOR AREA



17 TOP OF ROOF
1" = 50'-0"



16 15TH FLR
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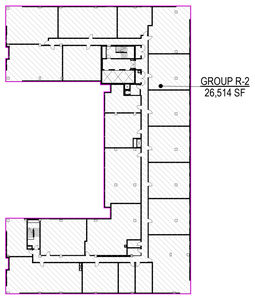

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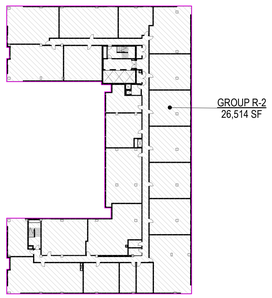

14 13TH FLR
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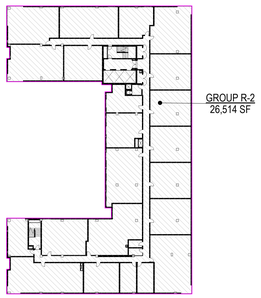

13 12TH FLR
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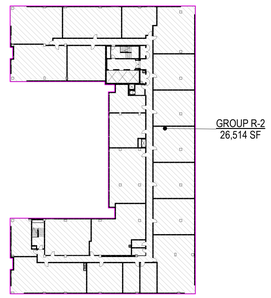
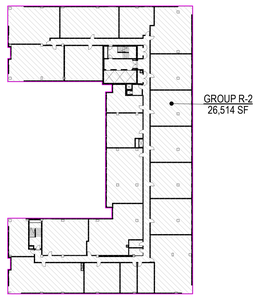


12 11TH FLR
1" = 50'-0"



11 10TH FLR
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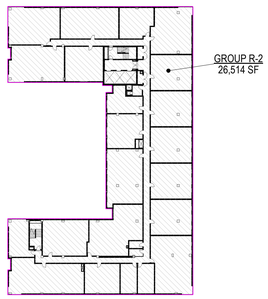
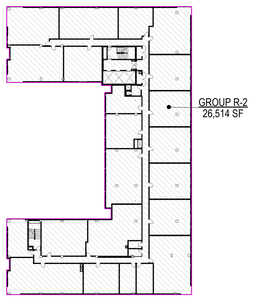


10 9TH FLR
1" = 50'-0"



9 8TH FLR
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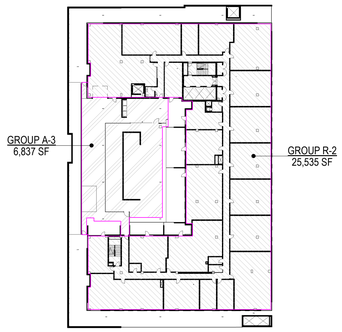
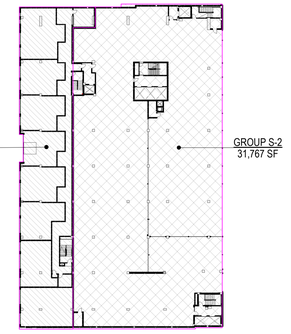
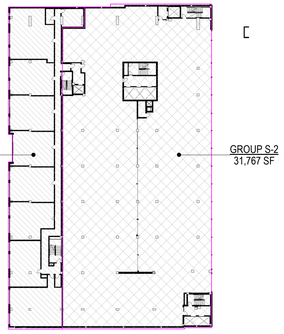


8 7TH FLR
1" = 50'-0"



7 P6 FLR OCCUPANCY CLASSIFICATION
1" = 50'-0"



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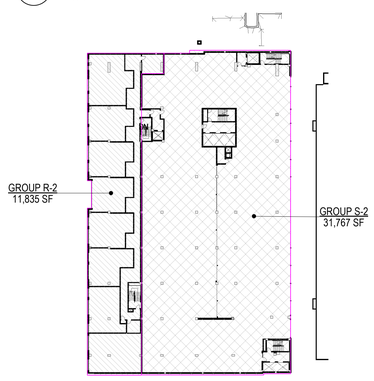

5 P4 FLR OCCUPANCY CLASSIFICATION
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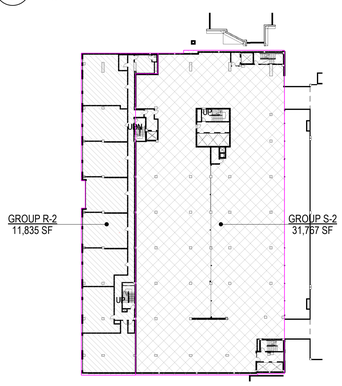
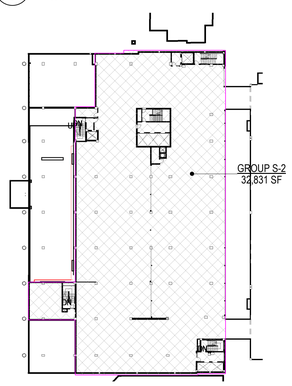
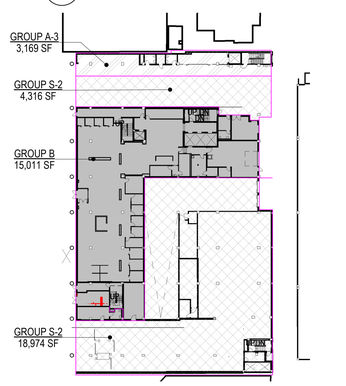


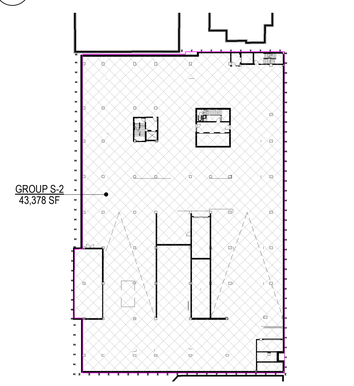
4 P3 FLR OCCUPANCY CLASSIFICATION
1" = 50'-0"



3 P2 FLR OCCUPANCY CLASSIFICATION
1" = 50'-0"



2 1ST FLR OCCUPANCY CLASSIFICATION
1" = 50'-0"



1 LL OCCUPANCY CLASSIFICATION
1" = 50'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

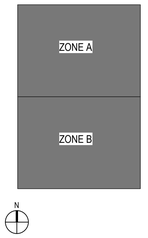
415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
05-12-2023	SCHEMATIC DESIGN PH2
07-28-2023	DESIGN DEVELOPMENT PH1
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER MO

PROJECT NUMBER 720448

CODE CALCS

G4002

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TOPOGRAPHIC LINEWORK LEGEND

- EXISTING UNDERGROUND CABLE TV
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING SANITARY SEWER LINE
- EXISTING STORM SEWER LINE
- EXISTING WATER MAIN
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING GATE
- EXISTING GUARDRAIL

GRAPHIC SCALE FEET
0 10 20 40

TOPOGRAPHIC SYMBOL LEGEND

- EXISTING BOLLARD
- EXISTING SIGN (TYPE NOTED)
- EXISTING PARKING METER
- EXISTING CURB INLET
- EXISTING FIELD INLET
- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATER MAIN VALVE
- EXISTING CURB STOP
- EXISTING WATER MANHOLE
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING DOWN GUY
- EXISTING ELECTRIC MANHOLE
- EXISTING LIGHT POLE
- EXISTING UTILITY POLE
- EXISTING TELEPHONE MANHOLE
- EXISTING UNIDENTIFIED MANHOLE
- EXISTING DECIDUOUS TREE

EXISTING CONDITIONS NOTES:

1. *THE EXISTING CONDITIONS SURVEY WAS PROVIDED BY CEDAR CORPORATION ON JANUARY 5, 2023*
2. *AN ADDITIONAL SURVEY FROM THE CITY OF MADISON WAS OBTAINED ON APRIL 11, 2023*

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08-03-2023	CITY SUBMITTAL
09-01-2023	DESIGN DEVELOPMENT PH2
09-27-2023	CITY SITE PLAN VERIFICATION
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

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planners engineers advisors
Phone: (800) 261-3898

SHEET INFORMATION

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

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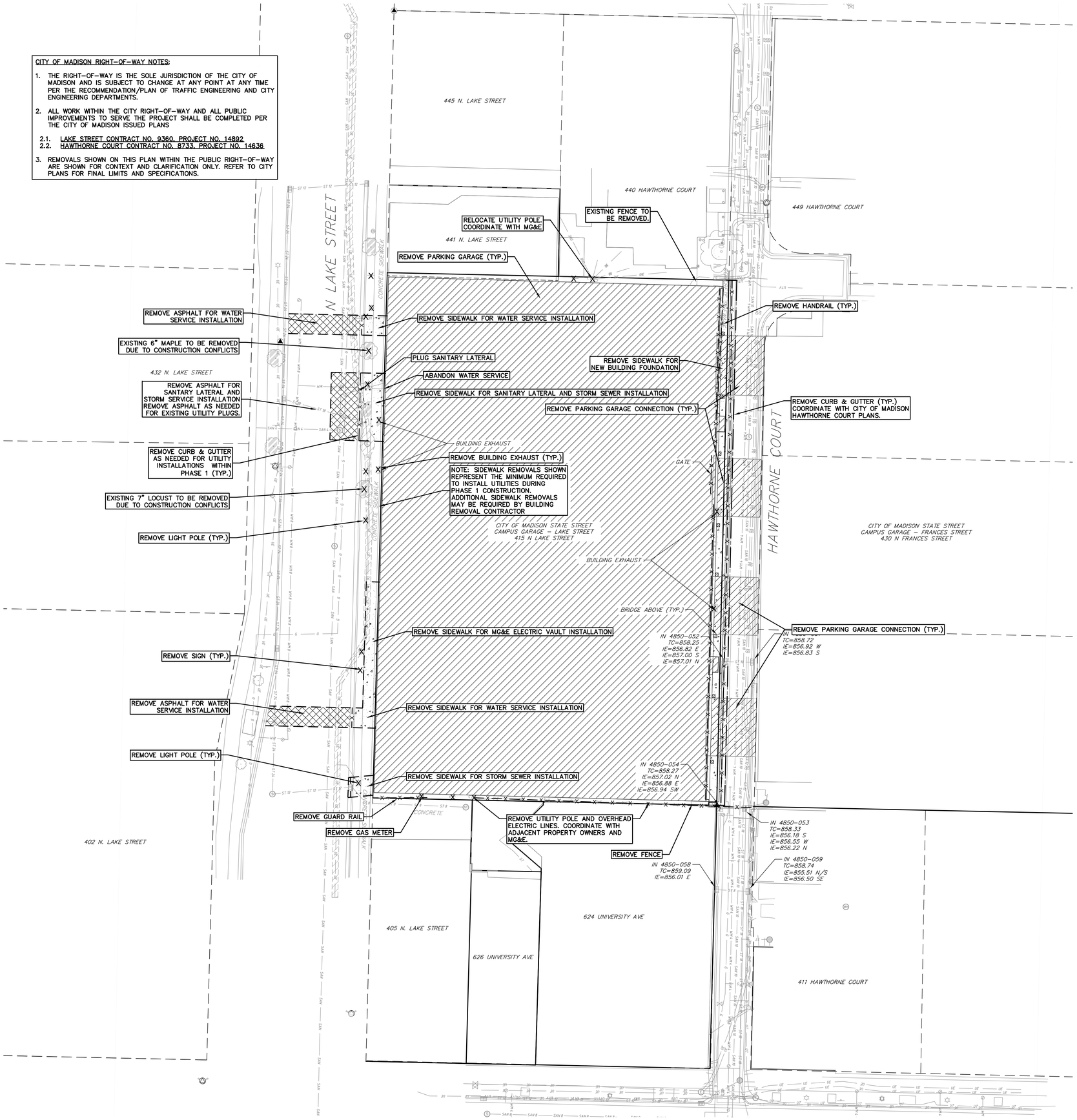
PROJECT MANAGER MO

PROJECT NUMBER 720448-01

EXISTING CONDITIONS PLAN PHASE 1

C100



DEMOLITION PLAN LEGEND

- CURB AND GUTTER REMOVAL
- ASPHALT REMOVAL
- CONCRETE REMOVAL
- BUILDING REMOVAL
- TREE REMOVAL
- SAWCUT
- UTILITY STRUCTURE REMOVAL
- UTILITY LINE REMOVAL

GRAPHIC SCALE FEET
0 10 20 40

DEMOLITION NOTES:

1. CONTRACTOR SHALL KEEP ALL CITY STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
2. COORDINATE EXISTING UTILITY REMOVAL/ABANDONMENT WITH LOCAL AUTHORITIES AND UTILITY COMPANIES HAVING JURISDICTION.
3. ALL SAWCUTTING SHALL BE FULL DEPTH TO PROVIDE A CLEAN EDGE TO MATCH NEW CONSTRUCTION. MATCH EXISTING ELEVATIONS AT POINTS OF CONNECTION FOR NEW AND EXISTING PAVEMENT, CURB, SIDEWALKS, ETC. ALL SAWCUT LOCATIONS SHOWN ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO ACCOMMODATE CONDITIONS, JOINTS, MATERIAL TYPE, ETC. REMOVE MINIMUM AMOUNT NECESSARY FOR INSTALLATION OF PROPOSED IMPROVEMENTS.
4. CONTRACTOR SHALL PROVIDE AND SHALL BE RESPONSIBLE FOR ANY NECESSARY TRAFFIC CONTROL SIGNAGE AND SAFETY MEASURES DURING DEMOLITION AND CONSTRUCTION OPERATIONS WITHIN OR NEAR THE PUBLIC ROADWAY.
5. IF APPLICABLE, PROVIDE TREE PROTECTION FENCING PRIOR TO CONSTRUCTION OPERATIONS. MAINTAIN THROUGHOUT CONSTRUCTION.
6. CONTRACTOR SHALL OBTAIN ANY NECESSARY DEMOLITION AND UTILITY PLUGGING PERMITS.
7. ANY DAMAGE TO THE CITY PAVEMENT, INCLUDING DAMAGE RESULTING FROM CURB REPLACEMENT, WILL REQUIRE RESTORATION IN ACCORDANCE WITH THE CITY ENGINEERING PATCHING CRITERIA.
8. COORDINATE ALL DEMOLITION WORK WITHIN CITY RIGHT OF WAY WITH PUBLIC IMPROVEMENT PLANS.
9. TREE GRATES ARE THE PROPERTY OF THE CITY OF MADISON. CONTRACTOR SHALL CALL THE CITY FORESTER AT (608) 266-4816 TO SCHEDULE DELIVERY OF SALVAGED GRATES TO THE CITY FORESTRY FACILITY.
10. ALL PROPOSED STREET TREE REMOVALS REQUIRE A PERMIT FROM THE CITY FORESTRY DEPARTMENT.

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

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planners engineers advisors
Phone: (800) 261-3898

SHEET INFORMATION

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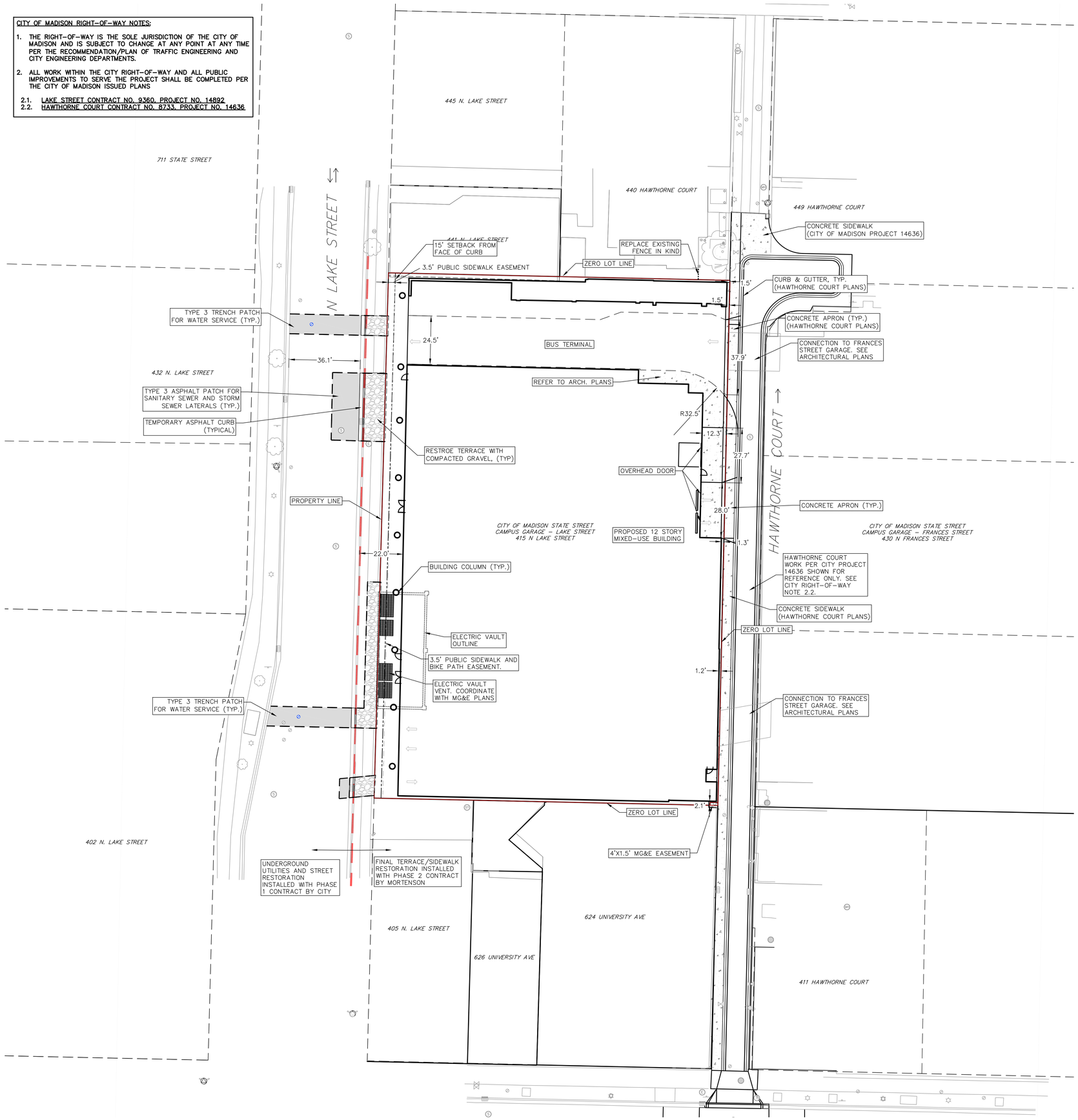
PROJECT MANAGER	MO
PROJECT NUMBER	720448-01

DEMOLITION PLAN - PHASE 1

C200

CITY OF MADISON RIGHT-OF-WAY NOTES:

1. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY POINT AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.
2. ALL WORK WITHIN THE CITY RIGHT-OF-WAY AND ALL PUBLIC IMPROVEMENTS TO SERVE THE PROJECT SHALL BE COMPLETED PER THE CITY OF MADISON ISSUED PLANS
   - 2.1. LAKE STREET CONTRACT NO. 9360, PROJECT NO. 14892
   - 2.2. HAWTHORNE COURT CONTRACT NO. 8733, PROJECT NO. 14636



SITE PLAN LEGEND

- PROPERTY BOUNDARY
- CURB AND GUTTER
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- STAINED CONCRETE
- PROPOSED SIGN
- PROPOSED LIGHT POLE
- PROPOSED BOLLARD
- PROPOSED ADA DETECTABLE WARNING FIELD
- PROPOSED BOLLARD

N W E S

GRAPHIC SCALE FEET
0 10 20 40

SITE INFORMATION BLOCK

SITE ADDRESS: 415 N LAKE ST.
SITE ACREAGE (TOTAL): 1.03 ACRES

NUMBER OF BUILDING STORIES (ABOVE GRADE): 12 STORIES
BUILDING HEIGHT: 169'-4"
DILHR TYPE OF CONSTRUCTION (NEW STRUCTURES): TYPE 1 POST TENSION

USE OF PROPERTY: PUBLIC PARKING GARAGE, BUS TERMINAL, STUDENT HOUSING
GROSS SQUARE FEET OF BUILDING: 522,437 SF
NUMBER OF EMPLOYEES IN WAREHOUSE: N/A
NUMBER OF EMPLOYEES: TBD
CAPACITY OF RESTAURANT/PLACE OF ASSEMBLY: N/A

NUMBER OF BICYCLE STALLS SHOWN: 32 EXTERIOR, 239 INTERIOR
NUMBER OF PARKING STALLS: 0 EXTERIOR, 517 INTERIOR
NUMBER OF TREES SHOWN: SEE LANDSCAPE PLAN.

SITE PLAN NOTES:

1. CONCRETE TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" CRUSHED STONE, CITY OF MADISON GRADATION #2 (1-1/4").
2. CONCRETE FOR DRIVEWAYS AND SIDEWALK AT DRIVEWAY ENTRANCES SHALL BE 9" THICK, CONSTRUCTED ON A BASE OF 6" BREAKER RUN, CITY OF MADISON GRADATION #5 SUB-BASE AND 10" OF CRUSHED STONE, CITY OF MADISON GRADATION #2 (1-1/4") BASE.
3. ALL DIMENSIONS WITH CURB & GUTTER ARE REFERENCED TO THE FACE OF CURB.
4. CONTRACTOR TO OBTAIN ANY NECESSARY DRIVEWAY CONNECTION, RIGHT OF WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
5. ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.
6. SEE LANDSCAPE PLAN FOR LAKE STREET PLANTERS AND BENCHES
7. COMPLETE WORK ON EXPOSED AGGREGATE SIDEWALK IN ACCORDANCE WITH SPECIFICATIONS PROVIDED BY THE CITY. THE STONE USED FOR THE EXPOSED AGGREGATE MUST BE APPROVED BY THE CITY. NOTIFY THE CONSTRUCTION ENGINEER PRIOR TO BEGINNING CONSTRUCTION. ANY WORK THAT DOES NOT MATCH THE ADJACENT WORK OR WHICH THE CITY CONSTRUCTION ENGINEER FINDS IN UNACCEPTABLE SHALL BE REMOVED AND REPLACED.

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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08-03-2023	CITY SUBMITTAL
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

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planners | engineers | advisors
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SHEET INFORMATION

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PROJECT MANAGER	MO
PROJECT NUMBER	720448-01

SITE PLAN - PHASE 1

C300

CITY OF MADISON RIGHT-OF-WAY NOTES:

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2. ALL WORK WITHIN THE CITY RIGHT-OF-WAY AND ALL PUBLIC IMPROVEMENTS TO SERVE THE PROJECT SHALL BE COMPLETED PER THE CITY OF MADISON ISSUED PLANS
   - 2.1. LAKE STREET CONTRACT NO. 9360, PROJECT NO. 14892
   - 2.2. HAWTHORNE COURT CONTRACT NO. 8733, PROJECT NO. 14636

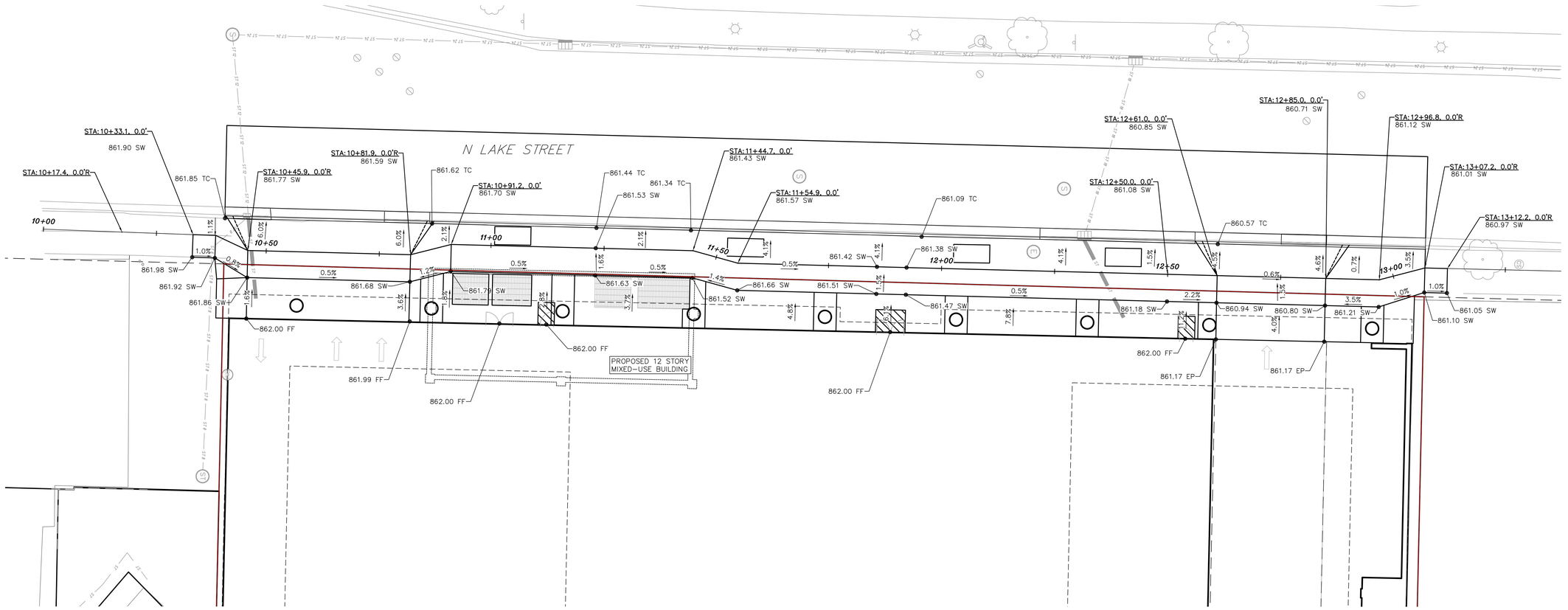
GRADING NOTES:

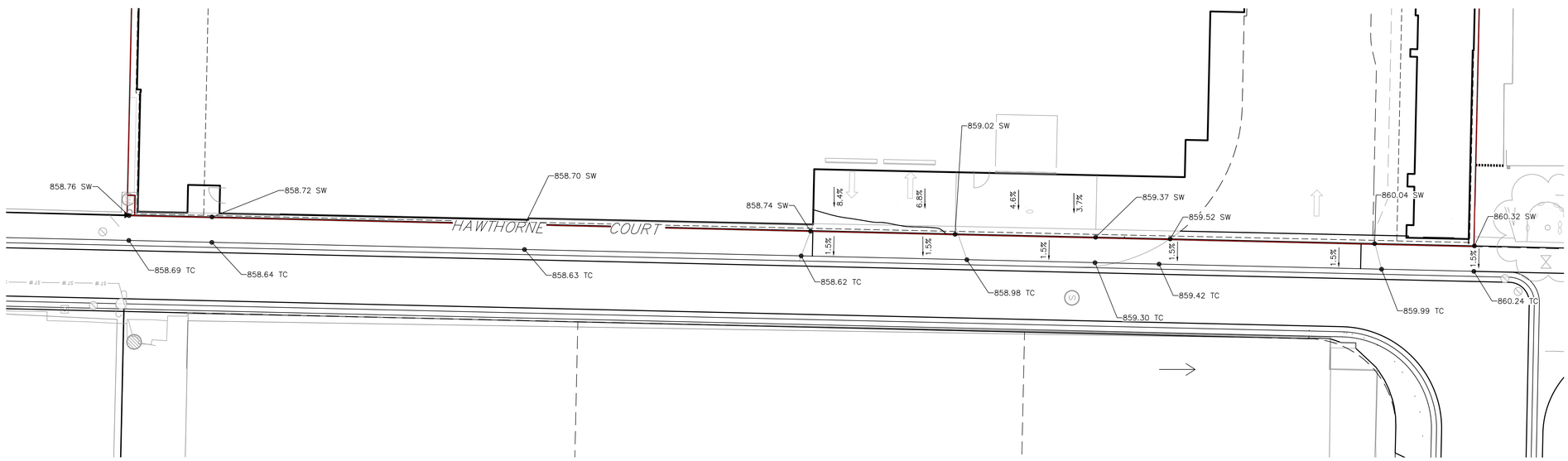
1. ALL GRADES SHOWN ARE FINISHED GRADES. CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADE SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.
2. SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.
3. INSTALL A 50'L X 20'W X 1.5'D TRACKING PAD AT THE SITE ENTRANCE. THE TRACKING PAD SHALL BE MAINTAINED/REPAIRED AS NECESSARY TO ACCOMMODATE CONSTRUCTION.
4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR. ALL MAINTENANCE/REPAIR WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
5. INSTALL WI DOT TYPE D INLET PROTECTION IN EXISTING CURB INLETS AND WI DOT TYPE A IN FIELD INLETS.
6. THE CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY MEANS OF STREET SWEEPING (NOT FLUSHING) AT A MINIMUM OF THE END OF EACH WORK DAY OR MORE AS NEEDED.
7. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPTS.

GRADING LEGEND

- 820 — EXISTING MAJOR CONTOURS
- 818 — EXISTING MINOR CONTOURS
- 820 — PROPOSED MAJOR CONTOURS
- 818 — PROPOSED MINOR CONTOURS
- CONSTRUCTION DISTURBANCE LIMITS
- DRAINAGE DIRECTION
- 2.92% PROPOSED SLOPE ARROWS
- 1048.61 EXISTING SPOT ELEVATIONS
- 1048.61 PROPOSED SPOT ELEVATIONS

GRAPHIC SCALE FEET
0 5 10 20





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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

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KEY PLAN

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SHEET INFORMATION

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PROJECT MANAGER	MO
PROJECT NUMBER	720448-01

GRADING PLAN - PHASE 1 & 2

C400

CITY OF MADISON RIGHT-OF-WAY NOTES:

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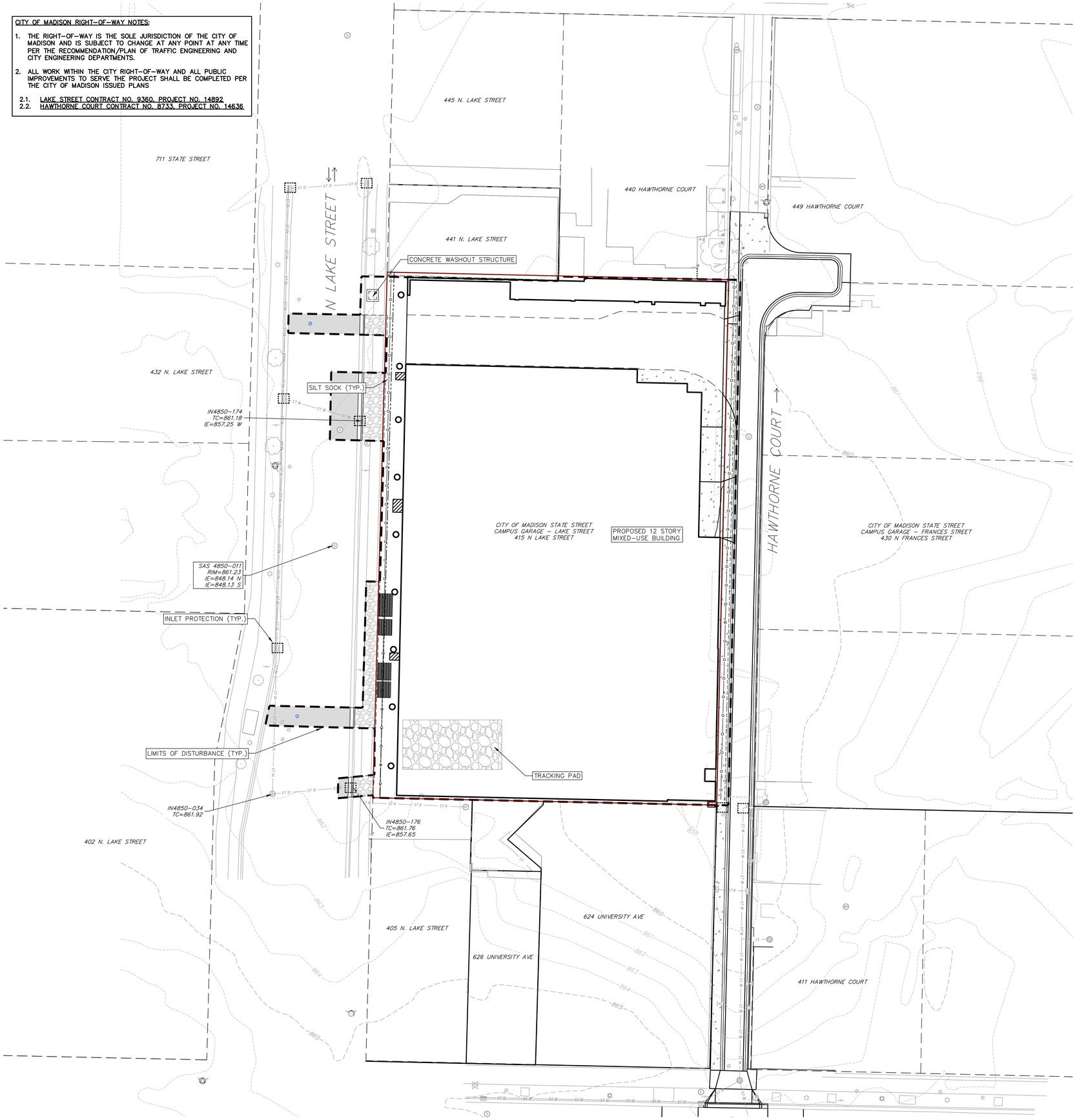

GRADING LEGEND

- 820 — EXISTING MAJOR CONTOURS
- 818 — EXISTING MINOR CONTOURS
- 820 — PROPOSED MAJOR CONTOURS
- 818 — PROPOSED MINOR CONTOURS
- SILT SOCK
- CONSTRUCTION DISTURBANCE LIMITS
- INLET PROTECTION
- TRACKING PAD

N W E S

GRAPHIC SCALE FEET
0 10 20 40

GRADING NOTES:

1. EXISTING CONTOURS ARE FROM LIDAR. THE SITE HAS BEEN SURVEYED AND EXISTING AND PROPOSED CONTOURS ARE SUBJECT TO CHANGE.
2. ALL GRADES SHOWN ARE FINISHED GRADES. CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADE SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.
3. SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.
4. INSTALL A 50'L X 20'W X 1.5'D TRACKING PAD AT THE SITE ENTRANCE. THE TRACKING PAD SHALL BE MAINTAINED/REPAIRED AS NECESSARY TO ACCOMMODATE CONSTRUCTION.
5. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR. ALL MAINTENANCE/REPAIR WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
6. INSTALL WI DOT TYPE D INLET PROTECTION IN EXISTING CURB INLETS AND WI DOT TYPE A IN FIELD INLETS.
7. THE CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY MEANS OF STREET SWEEPING (NOT FLUSHING) AT A MINIMUM OF THE END OF EACH WORK DAY OR MORE AS NEEDED.
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PROJECT MANAGER	MO
PROJECT NUMBER	720448-01

EROSION CONTROL PLAN - PHASE 1

C401

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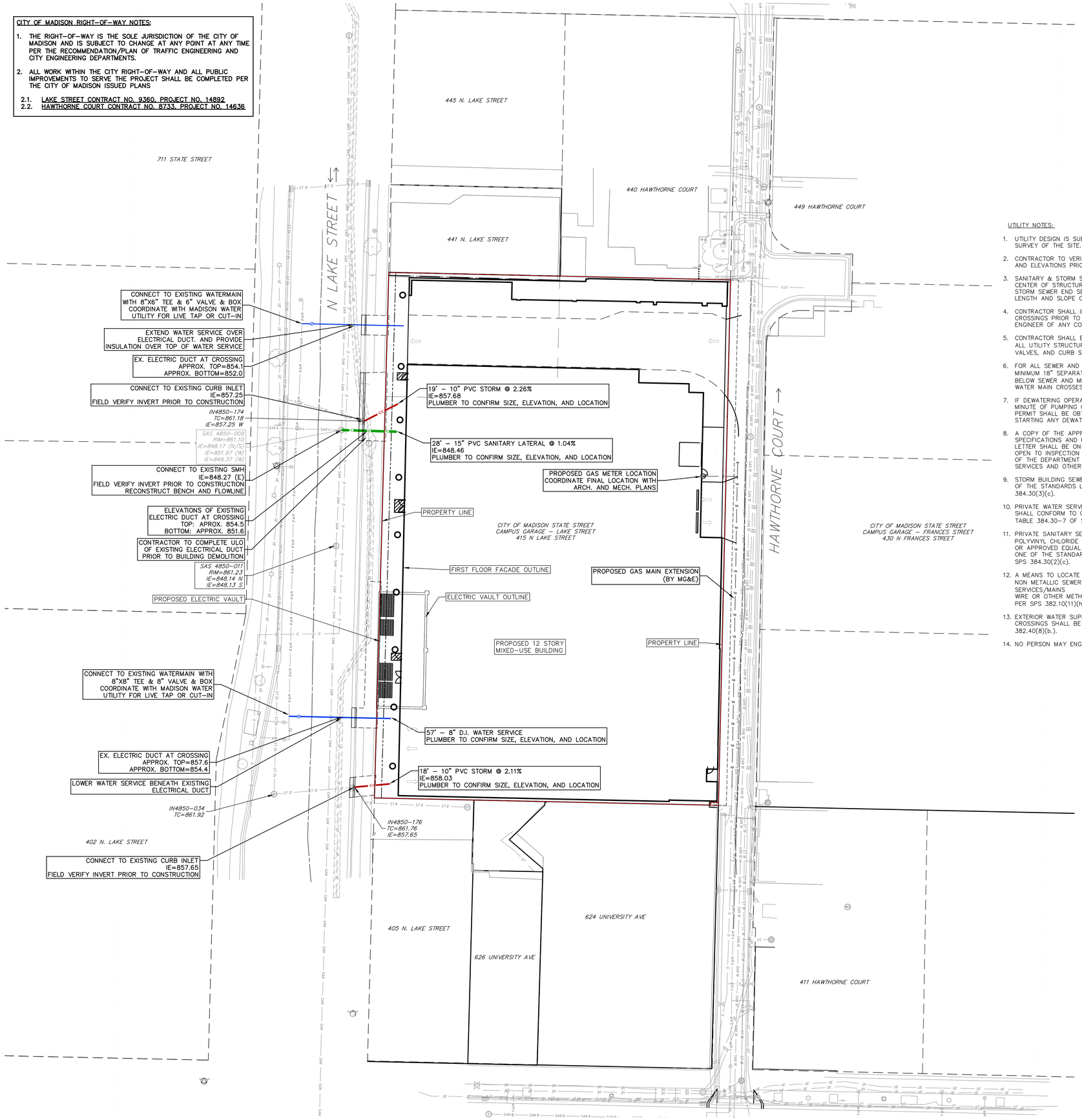

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER CURB INLET
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE

N / W / E / S

GRAPHIC SCALE FEET
0 10 20 40

ABBREVIATIONS

STMH – STORM MANHOLE
FI – FIELD INLET
CI – CURB INLET
CB – CATCH BASIN
EW – ENDWALL
SMH – SANITARY MANHOLE

UTILITY NOTES:

1. UTILITY DESIGN IS SUBJECT TO CHANGE FOLLOWING SURVEY OF THE SITE.
2. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO STARTING WORK.
3. SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
4. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
6. FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
7. IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED FROM THE DNR PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
8. A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
9. STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30–6 OF SPS 384.30(3)(c).
10. PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30–7 OF SPS 384.30(4)(d).
11. PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 – SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30–3 OF SPS 384.30(2)(c).
12. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND SPS 382.40(8)(k).
13. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b.).
14. NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
15. SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
16. CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
17. PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
19. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
20. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
21. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
22. FOR WATER SERVICES AND HYDRANT LEADS, ALL MECHANICAL JOINTS TO BE RESTRAINED WITH MEGALUG 1100 OR APPROVED EQUAL. PIPE JOINTS TO BE RESTRAINED AS INDICATED WITH MEGALUG 1700 HARNESS OR APPROVED EQUAL.
23. CONNECTIONS TO EXISTING WATER MAIN TO BE BY LIVE TAPPING. CONTRACTOR IS RESPONSIBLE FOR ALL CONNECTION FEES AND COSTS PAYABLE TO THE CITY OF MADISON FOR LIVE TAPPING, AND ALL OTHER WORK AND COSTS ASSOCIATED WITH LIVE TAPPING.
24. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMENTATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPTS.

KEY PLAN

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milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
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07-28-2023	DESIGN DEVELOPMENT PH1
08-03-2023	CITY SUBMITTAL
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1

vierbicher
planners | engineers | advisors
Phone: (800) 261-3898

SHEET INFORMATION

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

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PROJECT MANAGER	MO
PROJECT NUMBER	720448-01

UTILITY PLAN - PHASE 1

C500

EROSION CONTROL MEASURES

1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE **CITY OF MADISON** EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.

2. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (http://dnr.wi.gov/runoff/stormwater/techstds.htm) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.

3. INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.

4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND/OR **CITY**. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.

5. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.

6. A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WisDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.

7. CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.

8. STABILIZED DISTURBED GROUND: ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25-FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 14-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.

9. SITE DE-WATERING: WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).

10. WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.

11. SEE GRADING AND EROSION CONTROL PLAN FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".

12. INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. THE FILTERS SHALL BE MAINTAINED UNTIL THE DISTURBED AREAS ARE BOTH 70% RESTORED AND PAVED.

13. RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN.

14. SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.

15. FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.

16. EROSION MAT (CLASS I, TYPE B PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER BUT LESS THAN 1:1.

17. SOIL STABILIZERS SHALL BE APPLIED TO DISTURBED AREAS WITH SLOPES BETWEEN 10% AND 3:1 (DO NOT USE IN CHANNELS). SOIL STABILIZERS SHALL BE TYPE B, PER WISCONSIN D.O.T. P.A.L. (PRODUCT ACCEPTABILITY LIST), OR EQUAL. APPLY AT RATES AND METHODS SPECIFIED PER MANUFACTURER. SOIL STABILIZERS SHALL BE RE-APPLIED WHENEVER VEHICLES OR OTHER EQUIPMENT TRACK ON THE AREA.

18. SILT FENCE OR EROSION MAT SHALL BE INSTALLED ALONG THE CONTOURS AT 100 FOOT INTERVALS DOWN THE SLOPE ON THE DISTURBED SLOPES STEEPER THAN 5% AND MORE THAN 100 FEET LONG THAT SHEET FLOW TO THE ROADWAY UNLESS SOIL STABILIZERS ARE USED.

19. SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY. SEE DETAILS.

20. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.

21. ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.

22. ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT THE END OF EACH DAY.

23. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY AND STATE.

24. THE **CITY**, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.

25. THE CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY MEANS OF STREET SWEEPING (NOT FLUSHING) AT A MINIMUM OF THE END OF EACH WORK DAY OR MORE AS NEEDED.

SEEDING RATES:

TEMPORARY:
1. USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS.
2. USE WINTER WHEAT OR RYE AT 3.0 LB./1,000 SF FOR FALL PLANTINGS STARTED AFTER SEPTEMBER 15.

PERMANENT:
SEE LANDSCAPE PLAN.

FERTILIZING RATES:

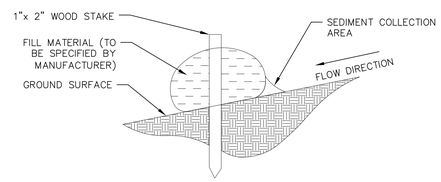
TEMPORARY AND PERMANENT:
USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

MULCHING RATES:

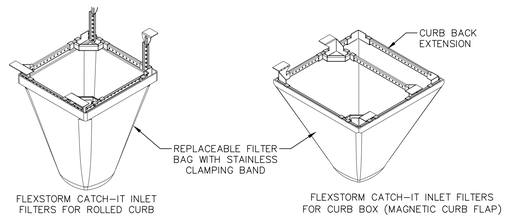
TEMPORARY AND PERMANENT:
USE ¾" TO 1-½" STRAW OR HAY MULCH, CRIMPED PER SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

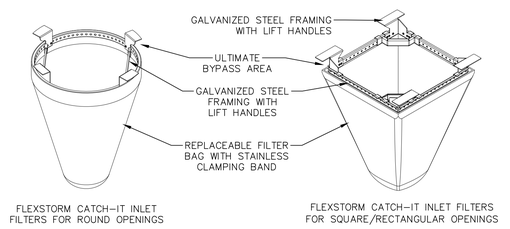
CONSTRUCTION SEQUENCE:

1. INSTALL EROSION CONTROL MEASURES
2. CONDUCT DEMOLITION
3. STRIP TOPSOIL (UNWORKED AREAS MAY REMAIN NON-STABILIZED FOR A MAXIMUM OF 14 DAYS)
4. ROUGH GRADE SITE
5. CONSTRUCT UNDERGROUND UTILITIES
6. INSTALL INLET PROTECTION IN NEW INLETS
7. CONSTRUCT BUILDING
8. CONSTRUCT PAVEMENT
9. FINAL GRADE AND PERMANENTLY RESTORE DISTURBED AREAS
10. REMOVE EROSION CONTROL MEASURES AFTER DISTURBED AREAS ARE 70% RESTORED OR PAVED.



1/1 SILT SOCK
NOT TO SCALE

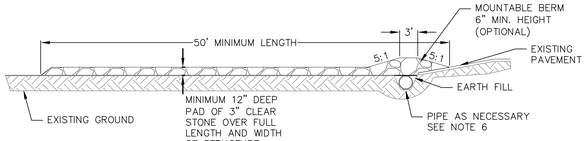




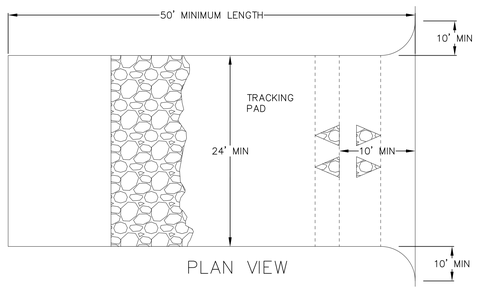
NOTES:

1. INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
2. WHEN REMOVING OR MAINTAINING INLET PROTECTION, ANY TRAPPED MATERIAL THAT FALLS INTO THE INLET SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR.

1/1 FRAMED INLET PROTECTION
NOT TO SCALE



PROFILE VIEW



PLAN VIEW

1. FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.

2. LENGTH – MINIMUM OF 50'.

3. WIDTH – 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.

4. ON SITES WITH A HIGH GROUNDWATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.

5. STONE – CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.

6. SURFACE WATER – ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS. WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.

7. LOCATION – A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.

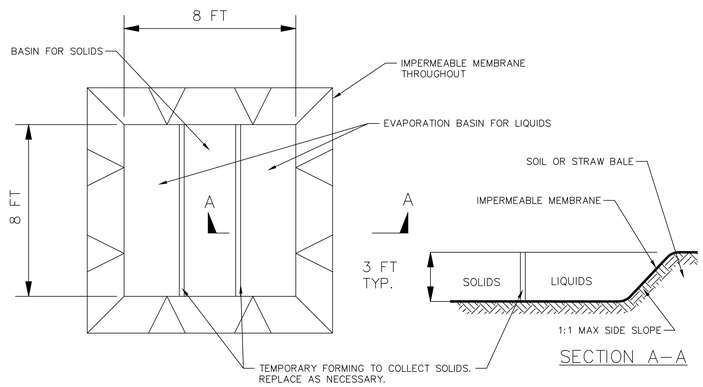
1/1 TRACKING PAD
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.

2. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.

3. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.



PLAN

SECTION A-A

1/1 TEMPORARY CONCRETE WASHOUT
NOT TO SCALE

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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KEY PLAN

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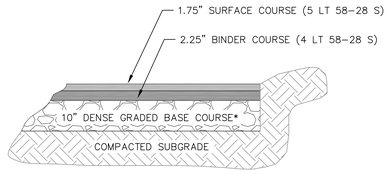
PROJECT MANAGER	MO
PROJECT NUMBER	720448-01

DETAILS 1

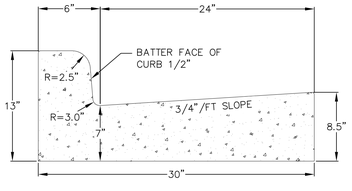
C600



*THE UPPER 4" SHOULD CONSIST OF 1 1/4" DENSE GRADED BASE; THE BOTTOM PART OF THE LAYER CAN CONSIST OF 3" DENSE GRADED BASE

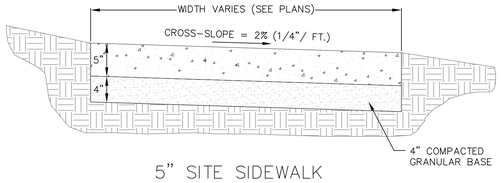
BITUMINOUS PAVEMENT

1/1 ASPHALT PAVEMENT
NOT TO SCALE

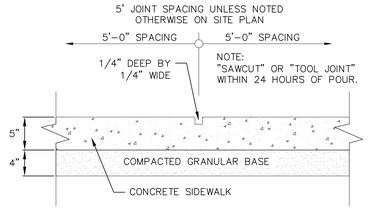


CURB AND GUTTER
CROSS SECTION

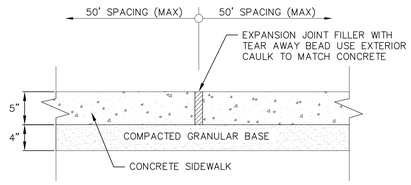
1/1 TYPE 'A' CONCRETE CURB AND GUTTER
NOT TO SCALE



5" SITE SIDEWALK



SIDEWALK CONTROL JOINT



SIDEWALK EXPANSION JOINT

1/1 5" SIDEWALK
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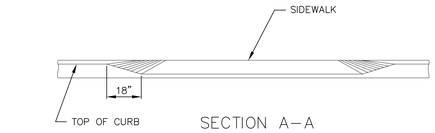
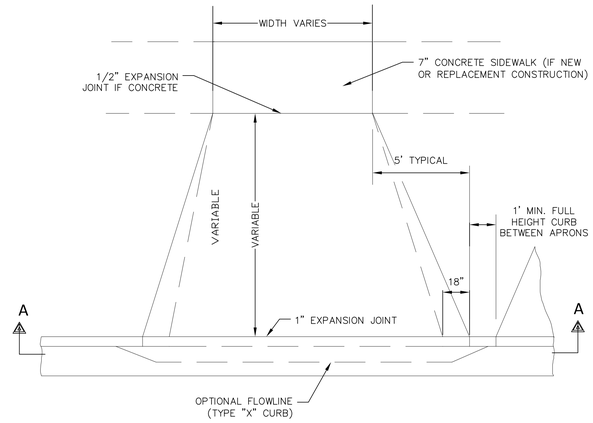
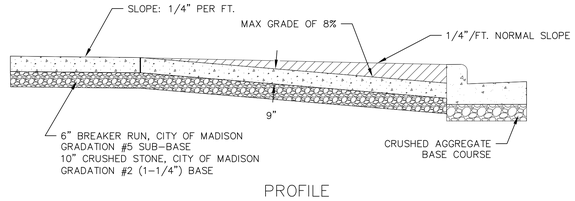


SECTION A-A



PLAN



PROFILE

1/1 COMMERCIAL DRIVE DETAIL
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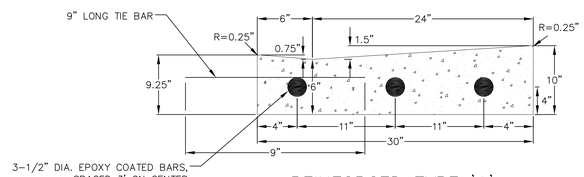

REINFORCED TYPE 'A'

1/1 REINFORCED TYPE 'A' CONCRETE CURB AND GUTTER
NOT TO SCALE

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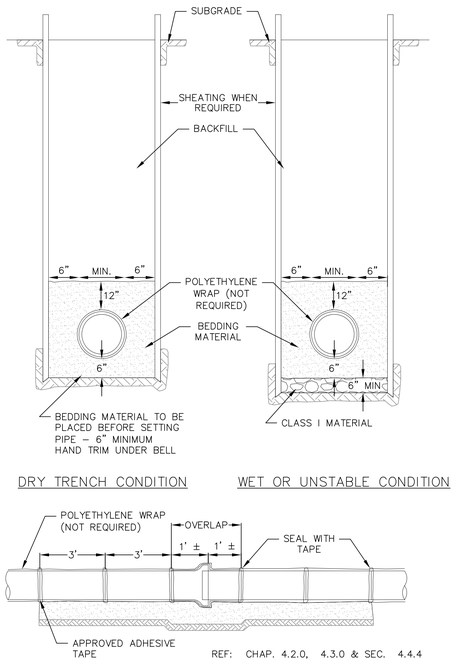
PROJECT MANAGER MO

PROJECT NUMBER 720448-01

DETAILS 2

C601



REF: CHAP. 4.2.0, 4.3.0 & SEC. 4.4.4

1/1 STANDARD WATER MAIN TRENCH SECTION
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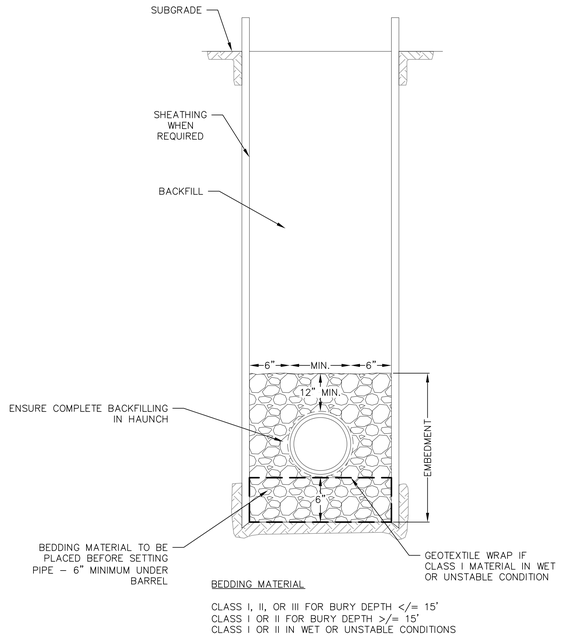
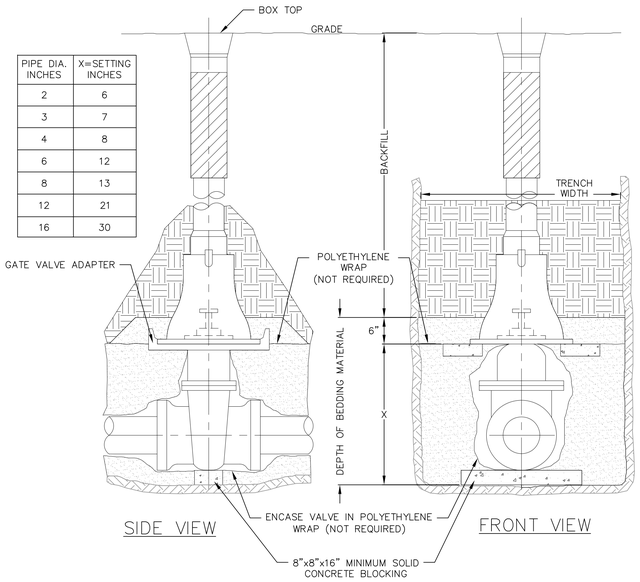


BEDDING MATERIAL

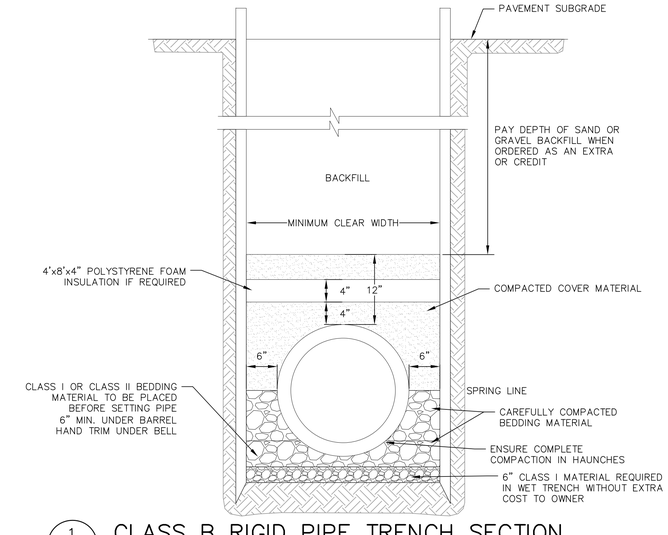
CLASS I, II, OR III FOR BURY DEPTH </= 15'
CLASS I OR II FOR BURY DEPTH >/= 15'
CLASS I OR II IN WET OR UNSTABLE CONDITIONS

1/1 STANDARD SANITARY TRENCH SECTION
NOT TO SCALE



PIPE DIA. INCHES	X=SETTING INCHES
2	6
3	7
4	8
6	12
8	13
12	21
16	30

1/1 STANDARD GATE VALVE BOX SETTING
NOT TO SCALE



1/1 CLASS B RIGID PIPE TRENCH SECTION
NOT TO SCALE

eua
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PROJECT INFORMATION

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
08-24-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

vierbicher
planners | engineers | advisors
Phone: (800) 261-3898

SHEET INFORMATION

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and shall not be used for final bidding or construction-related purposes.

PROJECT MANAGER

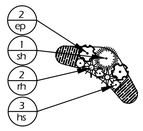
PROJECT NUMBER

DETAILS 3

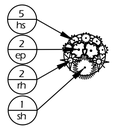
C602

LANDSCAPE AND RESTORATION NOTES

1. FINAL PLANT MATERIAL LOCATIONS SHALL BE FIELD ADJUSTED AS NEEDED TO AVOID CONFLICT WITH OTHER OBSTACLES.
2. PLANT MATERIAL SHALL BE REVIEWED BY OWNER OR A/E PRIOR TO INSTALLATION FOR QUALITY AND UNIFORMITY.
3. ALL LANDSCAPE BEDS AND TREE RINGS SHALL HAVE A MINIMUM OF 3" DEPTH SHREDDED HARDWOOD MULCH.
4. TREES AND SHRUBS SHALL BE INSTALLED PER DETAILS AND SPECIFICATIONS.
5. CONTRACTOR SHALL MEET EXISTING GRADE AT GRADING LIMITS WITH A SMOOTH AND CONTINUOUS TRANSITION.
6. ALL DISTURBED AREAS SHALL BE RESTORED WITH SEED & MULCH PER SPECIFICATIONS.
7. SEED/SOIL PLACEMENT SHALL EXTEND TO THE LIMITS OF CONSTRUCTION DISTURBANCE.
8. RESTORE ALL DISTURBED AREAS WITH A MINIMUM 6" TOPSOIL DEPTH. SEED MIXES SHALL BE AS SHOWN. CONTRACTOR MAY NEED TO WATER RESTORED AREAS TO ENSURE A SUBSTANTIAL CATCH OF TURF GRASS. WATERING SHALL BE INCIDENTAL.
9. ALL SLOPES GREATER THAN 1:3 TO RECEIVE EROSION CONTROL MATTING PER DETAILS.



5 L 1.0 PLANTER TYPE B MATERIAL
NTS



4 L 1.0 PLANTER TYPE A MATERIAL
NTS

City of Madison Landscape Worksheet
Project Name: State Street Campus Garage Mixed-Use
Address: 415 Lake Street — Date: 8/2/2023 — Zoning: UMX

	SF	Landscape Units Required	Landscape Points Required
Total Lot Area	45,433		
Building	42,271		
Total Square Footage of Developed Area:	3,162	11	53

	Grass/perennial		Size	Points each	Qty.	Total pts
ep	Echinacea purpurea	Purple coneflower	#1 Gal	2	16	32
hs	Heuchera 'Spellbound'	Spellbound Coral Bells	#1 Gal	2	34	68
rh	Rudbeckia fulgida	Little Gold Star Black-eyed Susan	#1 Gal	2	16	32
sh	Sporobolus heterolepis	Prairie Dropseed	#1 Gal	2	8	16
					74	148

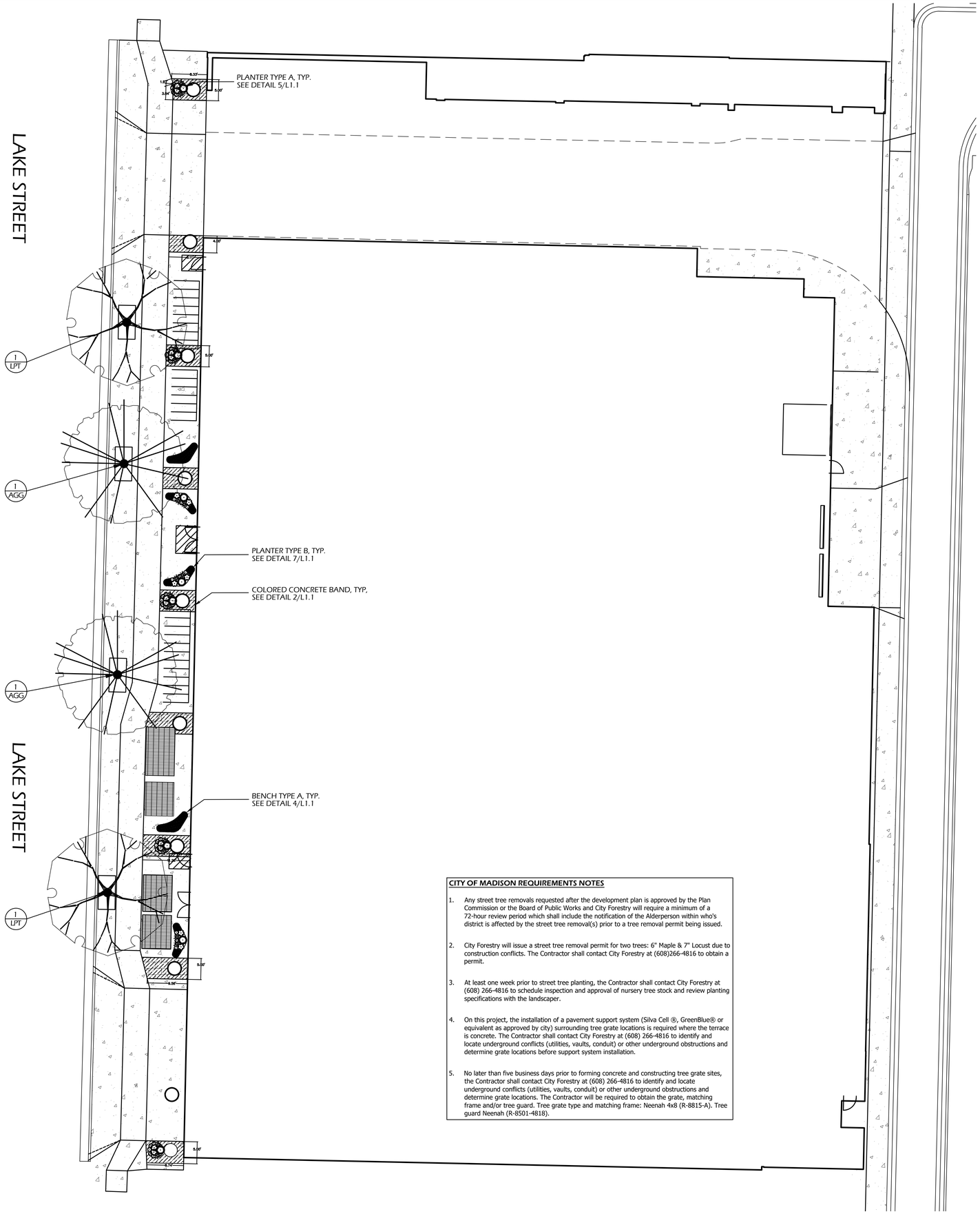
	Landscape Furniture		"seats"	Points	Qty.	Total pts
	Per "seat"	Bench Type A	3	5	2	30
		Planter Type B	3	5	2	30
					10	60

TOTAL NEW 0
TOTAL EX
TOTAL PROVIDED 208

3 L 1.0 LANDSCAPE WORKSHEET
NTS

Symb	Quantity	Size	Stock type	Common Name	Botanical Name	Height & Spread
AGG	2	2"	B&B	Autumn Gold Ginkgo	Ginkgo biloba 'Autumn Gold'	45'x25'
LPT	2	2"	B&B	London Planetree 'Bloodgood'	Platanus x acerifolia 'Bloodgood'	50'x30'

2 L 1.0 STREET TREES PLANTING LIST
NTS



CITY OF MADISON REQUIREMENTS NOTES

1. Any street tree removals requested after the development plan is approved by the Plan Commission or the Board of Public Works and City Forestry will require a minimum of a 72-hour review period which shall include the notification of the Alderperson within who's district is affected by the street tree removal(s) prior to a tree removal permit being issued.
2. City Forestry will issue a street tree removal permit for two trees: 6" Maple & 7" Locust due to construction conflicts. The Contractor shall contact City Forestry at (608)266-4816 to obtain a permit.
3. At least one week prior to street tree planting, the Contractor shall contact City Forestry at (608) 266-4816 to schedule inspection and approval of nursery tree stock and review planting specifications with the landscaper.
4. On this project, the installation of a pavement support system (Silva Cell ®, GreenBlue® or equivalent as approved by city) surrounding tree grate locations is required where the terrace is concrete. The Contractor shall contact City Forestry at (608) 266-4816 to identify and locate underground conflicts (utilities, vaults, conduit) or other underground obstructions and determine grate locations before support system installation.
5. No later than five business days prior to forming concrete and constructing tree grate sites, the Contractor shall contact City Forestry at (608) 266-4816 to identify and locate underground conflicts (utilities, vaults, conduit) or other underground obstructions and determine grate locations. The Contractor will be required to obtain the grate, matching frame and/or tree guard. Tree grate type and matching frame: Neenah 4x8 (R-8815-A). Tree guard Neenah (R-8501-4818).

1 L 1.0 LANDSCAPE PLAN
1" = 10'-0"

GRAPHIC SCALE
0 10 20 40
1 INCH =10 FT(24X36 SHEET)

eu:a
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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

PARKITECTURE + PLANNING
901 Deming Way, Suite 102
Madison WI 53717
608.886.6808

vierbicher
planners | engineers | advisors
Phone: (800) 261-3898

SHEET INFORMATION

LANDSCAPE PLAN

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

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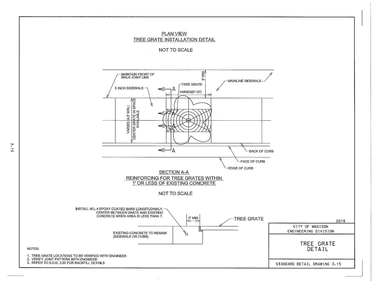
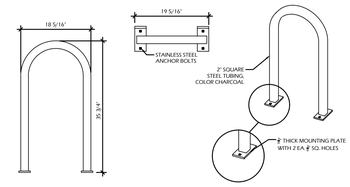
PROJECT MANAGER	BT
PROJECT NUMBER	720448-01
DATE	10/02/2023

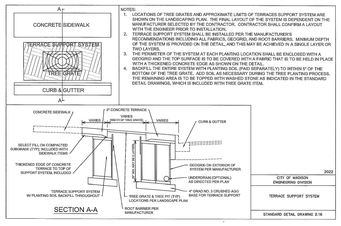
L1.0



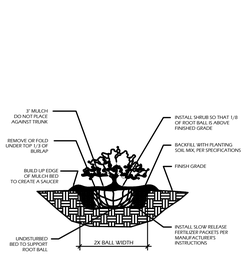
10 L 1.1 TREE GRATE DETAIL
NTS



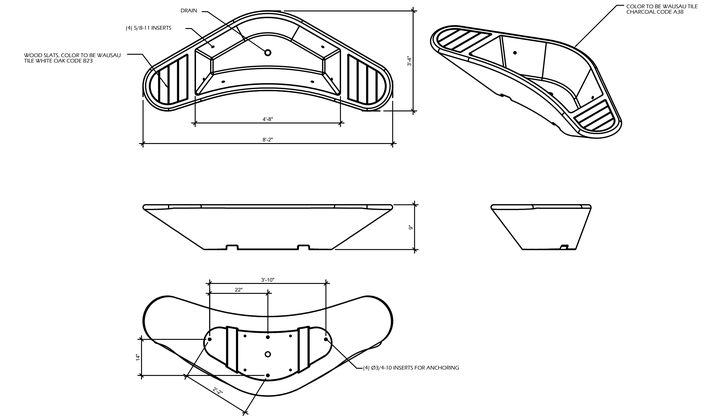
3 L 1.1 BICYCLE PARKING
NTS



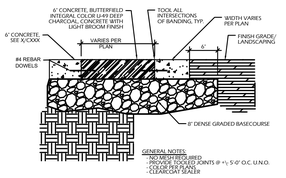
9 L 1.1 TERRACE SUPPORT SYSTEM
NTS



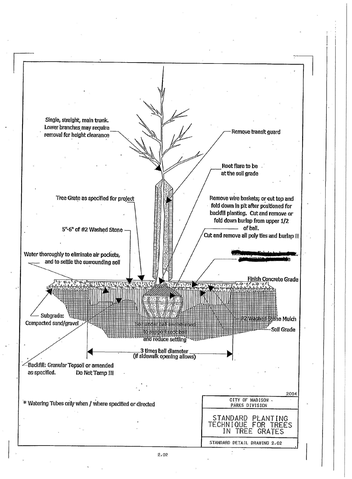
7 L 1.1 SHRUB PLANTING
NTS



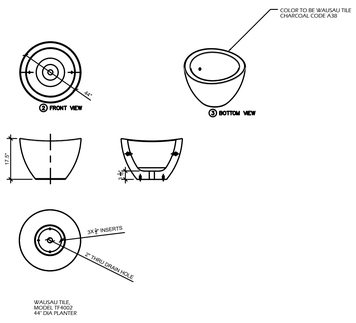
5 L 1.1 PLANTER TYPE B
NTS



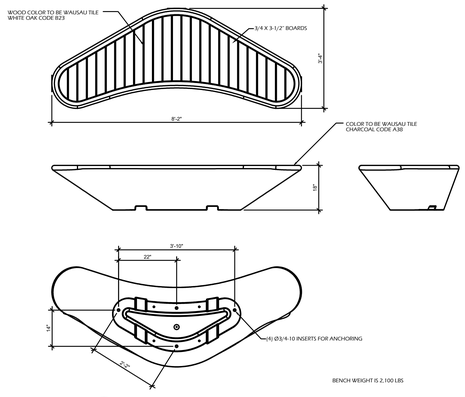
2 L 1.1 COLORED CONCRETE BAND
NTS



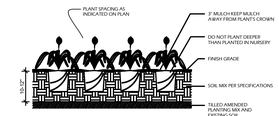
8 L 1.1 TREE PLANTING DETAIL
NTS



6 L 1.1 PLANTER TYPE A
NTS



4 L 1.1 BENCH TYPE A
NTS



1 L 1.1 PERENNIAL PLANTING
NTS

eu:a
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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

PARKITECTURE + PLANNING
901 Deming Way, Suite 102
Madison,WI 53717
608.886.6808

vierbicher
planners | engineers | advisors
Phone: (800) 261-3898

SHEET INFORMATION

LANDSCAPE PLAN

PROGRESS DOCUMENTS NOT FOR CONSTRUCTION

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PROJECT MANAGER	BT
PROJECT NUMBER	720448-01
DATE	10-02-23

L1.1

GENERAL NOTES:

1. ALL MATERIALS, CONSTRUCTION, AND DETAILS SHALL CONFORM WITH THE FOLLOWING:
   PLANS AND SPECIFICATIONS
   CODE AS SPECIFIED IN DESIGN DATA

2. THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL BE FAMILIAR WITH THE ENTIRE SET OF CONSTRUCTION DOCUMENTS (ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL, ETC.) IN ORDER TO PROVIDE ALL CONSTRUCTION AND MATERIALS FOR THIS PROJECT.

3. THE CONTRACTOR SHALL REFER TO OTHER DRAWINGS CONTAINED IN THE CONSTRUCTION DOCUMENTS FOR ADDITIONAL SPECIFIED MEMBERS, DIMENSIONS, ELEVATIONS, DETAILS, OPENINGS, INSERTS, SLEEVES, DEPRESSIONS, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS, REQUIRED TO CONSTRUCT THIS PROJECT.

4. DETAILS SHOWN ON STRUCTURAL DRAWINGS SHALL BE APPLICABLE TO ALL PORTIONS OF THE CONTRACT DOCUMENTS UNLESS NOTED OTHERWISE.

5. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS.

6. DO NOT SCALE PLANS.

7. IN NO CASE SHALL STRUCTURAL ALTERATIONS OR WORK AFFECTING A STRUCTURAL MEMBER BE MADE UNLESS APPROVED BY THE STRUCTURAL ENGINEER.

8. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND PROVIDE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES REQUIRD TO COMPLETE THE STRUCTURE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THIS INCLUDES, BUT IS NOT LIMITED TO: SHORING, UNDERPINNING, TEMPORARY BRACING, ETC. SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK AS REQUIRED TO ENSURE THE SAFETY OF THE BUILDING AND WORKMEN ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE BASE BUILDING PRIMARY STRUCTURAL FRAME IS DESIGNED FOR THE FINAL, COMPLETED CONDITION AS INDICATED HEREIN. LOADS IMPOSED ON THE BUILDING STRUCTURE DURING THE COURSE OF CONSTRUCTION SHALL BE CONFIRMED BY THE CONTRACTOR AND THE CONTRACTOR'S ENGINEER AS PART OF THE MEANS AND METHODS OF CONSTRUCTION. CARE SHALL BE GIVEN BY THE CONTRACTOR AND THE CONTRACTOR'S ENGINEER TO CONSIDER THE PRESENT STATE OF THE STRUCTURE AT THE TIME OF LOADING, INCLUDING AGE-DEPENDENT STRENGTH OF THE STRUCTURAL ELEMENTS AND THE NATURE OF ALL LOADS IMPOSED.

9. CONSTRUCTION DOCUMENTS SHOW DIMENSIONS AND ELEVATIONS TO SIGNIFICANT WORKING POINTS (COLUMN CENTERLINES, OUTSIDE FACE OF WALLS, TOP OF FRAMING MEMBERS, ETC.) MATERIAL SUPPLIERS AND DESIGNERS ARE RESPONSIBLE FOR ALL OTHER INFORMATION IN ORDER TO DETAIL/FABRICATE THEIR WORK. CONTACT THE ARCHITECT WITH ANY DISCREPANCIES.

10. IN THE EVENT OF ANY DISCREPANCIES BETWEEN THE STRUCTURAL DRAWINGS AND ANY OTHER PLANS, THE CONTRACTOR SHALL BRING THE DISCREPANCY TO THE ARCHITECT'S ATTENTION IMMEDIATELY, IN WRITING.

11. NO PROVISIONS HAVE BEEN MADE IN THE DESIGN OF THIS STRUCTURE FOR FUTURE EXPANSION, UNLESS SPECIFICALLY NOTED ON PLAN.

12. ALL EXISTING STRUCTURES, INCLUDING EXISTING FOUNDATION SYSTEMS AND UNDERGROUND ELEMENTS, SHALL BE COMPLETELY REMOVED. EXISTING SUBSURFACE ELEMENTS MAY REMAIN IF APPROVED BY THE GEOTECHNICAL ENGINEER IN CONSULTATION WITH THE STRUCTURAL ENGINEER AND THE EXISTING MATERIALS ARE PREPARED AS DIRECTED BY THE GEOTECHNICAL ENGINEER TO ACHIEVE THE PERFORMANCE CHARACTERISTICS INDICATED IN THE GEOTECHNICAL REPORT.

FOUNDATION AND EARTHWORK:

1. FOUNDATION AND SUBSURFACE DESIGN IS BASED ON THE SUBSURFACE EXPLORATION AND RECOMMENDATIONS OF THE GEOTECHNICAL REPORT PREPARED BY:

   CGC, INC.
   2921 PERRY ST.
   MADISON, WI 53713
   REPORT NUMBERS: C22051-13 AND C22051-31
   DATED 08/17/2022 AND 12/22/2022, RESPECTIVELY

   REFER TO DESIGN DATA FOR A SUMMARY OF KEY SOIL DESIGN VALUES. REFER TO REPORT FOR DESCRIPTION OF SUBSURFACE CONDITIONS, GEOTECHNICAL RECOMMENDATIONS, OTHER INFORMATION, AND ADDITIONAL REQUIREMENTS.

2. THE CONTRACTOR AND THE CONTRACTORS'S TESTING AGENT SHALL CONFIRM INSTALLATION AND CONSTRUCTION OF FOUNDATIONS IS COMPLETED IN CONFORMANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

3. CENTER PIERS AND FOUNDATIONS UNDER COLUMN / WALL CENTERLINES UNLESS NOTED OTHERWISE.

4. BACKFILL AND DRAINAGE AT BASEMENT WALLS AND RETAINING WALLS SHALL BE PROVIDED PER THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. DO NOT PLACE BACKFILL AGAINST BASEMENT OR RETAINING WALLS UNTIL THE WALLS AND ALL SLABS, BEAMS, AND SLABS-ON-GROUND FRAMING INTO THE WALL HAVE ATTAINED 100% OF THEIR DESIGN STRENGTH. BACKFILL SIMULTANEOUSLY ON BOTH SIDE OF FOUNDATION AND STEM WALLS.

5. EARTH RETENTION AND UNDERPINNING SYSTEMS, TEMPORARY OR PERMANENT, SHALL BE PROVIDED BY THE CONTRACTOR AND THE CONTRACTOR'S ENGINEER AS AN ELEMENT OF THE MEANS AND METHODS OF CONSTRUCTION.
   A. THE PERIMETER OF THE GENERAL EXCAVATION SHALL BE RETAINED BY A SOIL RETENTION SYSTEM. THE DESIGN, INSTALLATION, MAINTENANCE AND REMOVAL OF THE RETENTION SYSTEM SHALL BE THE COMPLETE AND SOLE RESPONSIBILITY OF THE CONTRACTOR.
   B. THE EXCAVATION RETENTION SYSTEM SHALL BE DESIGNED BY A PROFESSIONAL ENGINEERING, LICENSED IN THE STATE OF WISCONSIN, AND INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE GEOTECHNICAL DESIGN PARAMETERS AND SOIL PRESSURES AS INDICATED IN THE GEOTECHNICAL EXPLORATION REPORT.
   C. THE CONTRACTOR SHALL DELIVER PROFESSIONAL STAMPED SOIL RETENTION DRAWINGS PRIOR TO INSTALLATION OF SYSTEM FOR REVIEW BY OWNER.
   D. THE CONTRACTOR SHALL PROVIDE ALL MEASURES AND PRECAUTIONS NECESSARY TO PREVENT DAMAGE AND MINIMIZE SETTLEMENT OF EXISTING OR NEW CONSTRUCTION INSIDE OR OUTSIDE THE PROJECT LIMITS. ANY DAMAGE TO NEW OR EXISTING CONSTRUCTION, INSIDE OR OUTSIDE OF THE PROJECT LIMITS, CAUSED BY CONSTRUCTION TECHNIQUES OR MOVEMENT OF THE SOIL RETENTION SYSTEM, IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
   E. THE CONTRACTOR SHALL COORDINATE ALL ELEMENTS OF THE SOIL RETENTION SYSTEM WITH ALL ELEMENTS OF THE PERMANENT BUILDING.
   F. ALL EXCAVATION SHALL BE BASED UPON ENGINEERING DRAWINGS PREPARED BY THE CONTRACTOR, INCLUDING PLANS AND SECTIONS OF EXCAVATION SEQUENCES. THE EXCAVATION SEQUENCES SHALL BE CONTROLLED TO MATCH THE REQUIREMENTS OF THE DESIGN OF THE SOIL RETENTION SYSTEM AND SHALL INCLUDE MONITORING OF WALL AND GROUND MOVEMENTS.
   G. THE CONTRACTOR SHALL INSTALL AND CONTINUOUSLY SURVEY THE VERTICAL AND HORIZONTAL MOVEMENTS OF THE EARTH RETENTION SYSTEM.

6. PRIOR TO ANY EXCAVATION OR INSTALLATION OF ELEMENTS OF THE SOIL RETENTION SYSTEM, THE CONTRACTOR SHALL ESTABLISH A GRID OF SURVEY POINTS AROUND THE PERIMETER OF THE AREA TO BE EXCAVATED, INCLUDING POINTS ON NEIGBORING SITES BEYOND THE PERIMETER. THESE POINTS SHALL BE SURVEYED FOR VERTICAL AND HORIZONTAL MOVEMENT AT FREQUENT INTERVALS DURING ACTUAL EXCAVATION, AND CONTINUED DURING EACH SUBSEQUENT PHASE OF THE WORK, AND SUBMITTED TO THE ARCHITECT FOR INFORMATION.

7. THE SITE SHALL BE DEWATERED, AS REQUIRED BY THE GEOTECHNICAL REPORT, BEFORE (OR AS) THE EXCAVATION PROCEEDS. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION AND EQUIPMENT FOR THE DEWATERING SYSTEM. THE DEWATERING SYSTEM SHALL MAINTAIN THE WATER LEVEL A MINIMUM OF 3 FEET BELOW THE DEEPEST FOUNDATION SUBGRADE AT ALL TIMES. THE DEWATERING SYSTEM SHALL BE MAINTAINED UNTIL ALL LOWER LEVEL AND GROUND LEVEL SLABS, PERIMETER WALLS AND WATERPROOFING ARE INSTALLED AND THE PERMANENT BUILDING DRAINAGE SYSTEM IS FULLY OPERATIONAL.

8. THE CONTRACTORS'S SOIL TESTING LABORATORY SHALL REVIEW AND CONTINUOUSLY MONITOR THE EXCAVATION, DEWATERING AND SOIL RETENTION SYSTEMS. THE CONTRACTOR SHALL INSTALL AND CONTINUOUSLY SURVEY

9. SUBGRADES SHALL BE PREPARED PER THE GEOTECHNICAL RECOMMENDATIONS. TOP OF FOOTING ELEVATIONS SHOWN ON THESE CONSTRUCTION DOCUMENTS REPRESENT MINIMUM FOOTING DEPTHS FOR FROST PROTECTION AND ESTIMATES OF REQUIRED BEARING DEPTH BASED ON THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. THE ON-SITE GEOTECHNICAL ENGINEER SHALL ENSURE FOUNDATION AND SLAB-ON-GROUND SYSTEMS ARE FOUNDED ON COMPETENT MATERIAL TO ACHIEVE THE DESIGN VALUES INDICATED ON THESE CONSTRUCTION DOCUMENTS AND IN THE GEOTECHNICAL REPORT. AT THE GEOTECHNICAL ENGINEER'S DIRECTION, EXCAVATIONS MAY BE NEED TO BE EXTENDED TO FIND COMPETENT MATERIALS OR ADDITIONAL SUBGRADE PREPARATIONS MAY BE REQUIRED.

10. ALL EXTERIOR FOUNDATIONS SHALL BE CAST AT LEAST FROST DEPTH BELOW ADJACENT FINISH EXTERIOR GRADE. FOOTINGS SHALL BE CAST AT LEAST MINIMUM BEARING DEPTH BELOW ADJACENT FINAL GRADE OR FINISHED FLOOR ELEVATION. REFER TO SOIL DESIGN VALUES.

11. REFER TO GEOTECHNICAL AND/OR ENVIRONMENTAL REPORT FOR REMEDIATION OF SOILS THAT ARE NOT SUITABLE FOR BEARING BELOW FOOTINGS OR SLABS, OR SOILS THAT REQUIRE REMOVAL DUE TO CONTAMINATION.

12. ENGINEERED FILL MATERIALS OR LEAN CONCRETE SHALL BE PROVIDED AND INSTALLED PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.

13. WHERE NEW FOOTINGS ABUT EXISTING FOOTINGS, STEP OR THICKEN THE NEW FOOTING AS REQUIRED TO HAVE NEW BOTTOM OF FOOTING ELEVATION MATCH EXISTING BOTTOM OF FOOTING ELEVATION. CONTRACTOR SHALL FIELD VERIFY EXISTING BOTTOM OF FOOTING ELEVATION.

14. FOUNDATIONS SHALL NOT BE INSTALLED ON FROZEN SUBGRADE.

15. SOILS SHALL BE IMPROVED BY THE FOUNDATION CONTRACTOR PER THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER TO ACHIEVE THE NOTED SOIL DESIGN VALUES. REFER TO DELEGATED DESIGN NOTES.

EXISTING CONSTRUCTION / CONDITIONS:

1. ALL EXISTING FRAMING SHOWN ON THESE DRAWINGS IS BASED ON AVAILABLE DOCUMENTATION AND FIELD OBSERVATION TO DATE. CONTRACTOR SHALL FIELD VERIFY ALL SIZES, DIMENSIONS, ELEVATIONS, AND CONFIGURATIONS OF EXISTING STRUCTURAL ELEMENTS (COLUMNS, BEAMS, WALLS, ETC.) AS NECESSARY TO PROPERLY INSTALL ALL NEW STRUCTURAL ELEMENTS AS SHOWN. CONTRACTOR SHALL NOTIFY SEOR OF DISCREPANCIES AND COORDINATE DIFFERENCES BETWEEN FIELD CONDITIONS AND STRUCTURAL DRAWINGS PRIOR TO PROCEEDING WITH WORK, AND PROCUREMENT/FABRICATION OF MATERIALS.

2. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF ANY CONFLICTS WITH CONSTRUCTION DOCUMENTS.

3. REMOVE AND REPLACE AND/OR MODIFY ALL EXISTING CONSTRUCTION (ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND MECHANICAL) AS REQUIRED IN ORDER TO PLACE NEW STRUCTURAL WORK SHOWN ON THE CONSTRUCTION DOCUMENTS. ONLY MODIFY STRUCTURAL COMPONENTS WHERE DETAILED ON CONSTRUCTION DOCUMENTS.

4. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND CONSTRUCTION SEQUENCE IN ORDER TO ENSURE THE SAFETY OF THE BUILDING AND WORKERS DURING CONSTRUCTION (MEANS AND METHODS OF CONSTRUCTION). THIS INCLUDES, BUT IS NOT LIMITED TO: SHORING, UNDERPINNING, TEMPORARY BRACING, ETC. CONTRACTOR SHALL DESIGN AND PROVIDE ALL SHORING REQUIRED TO SUPPORT EXISTING CONSTRUCTION AND NEW CONSTRUCTION AS REQUIRED TO BUILD THIS PROJECT.

CAST IN PLACE REINFORCED CONCRETE:

1. CONCRETE WORK SHALL CONFORM TO REFERENCED EDITION OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND ACI 302 "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION".

2. CONTRACTOR SHALL ELECTRONICALLY SUBMIT STEEL REBAR SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING TO THE ARCHITECT.

3. REFER TO REINFORCEMENT DEVELOPMENT AND LAP SPLICE SCHEDULE FOR LAP SPLICES IN REINFORCING STEEL.

4. ALL LAPS IN REINFORCING STEEL SHALL BE CLASS "B" LAP SPLICES UNLESS OTHERWISE NOTED. AT CONSTRUCTION JOINTS, CONTINUOUS BARS SHALL BE LAP SPLICED WITH A CLASS "B" LAP. ALL OTHER BARS EXTENDING THRU THE JOINT SHALL BE FULLY DEVELOPED EACH SIDE OF JOINT, UNO.

5. ALL HOOKS IN REINFORCING STEEL SHALL BE STANDARD HOOKS, UNO.

6. PROVIDE THE FOLLOWING CLEAR COVER DISTANCES FOR REINFORCEMENT IN CONCRETE UNLESS NOTED OTHERWISE:

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3"
CONCRETE EXPOSED TO EARTH OR WEATHER:	
NO. 6 THROUGH NO. 18 BARS	2"
NO. 5 BAR AND SMALLER	1 1/2"
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:	
WALLS, JOISTS: NO. 11 BAR AND SMALLER	1"
BEAMS AND COLUMNS	1 1/2"
ELEVATED CONCRETE SLABS	
2 HOUR OR LESS FIRE RATING - TOP, BOTTOM, AND SIDES	3/4"
3 HOUR FIRE RATING - TOP, BOTTOM, AND SIDES	1"
PARKING AND CORROSIVE ENVIRONMENTS	1 1/2"

7. CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CALCIUM CHLORIDE ARE NOT PERMITTED IN ANY CONCRETE MIX.

8. CONTRACTOR SHALL USE SMOOTH FORMS FOR EXPOSED CONCRETE SURFACES. ANY CONCRETE SURFACE REPAIRS SHALL BE PERFORMED BY THE CONTRACTOR AS REQUIRED. REPAIR AND PATCH DEFECTIVE AREAS WITH PROPRIETARY PATCHING COMPOUND IMMEDIATELY AFTER REMOVAL OF FORMS.

9. PROVIDE AN ALLOWANCE FOR 50 FEET OF CRACK REPAIR FOR EACH 10,000 SQUARE FEET OF SLAB AREA DURING AND AFTER CONSTRUCTION.

10. PROVIDE AN ADDITIONAL 200 lbs STOCK OF #5 BARS OF VARYING LENGTHS FOR EACH 10,000 SQUARE FEET OF SLAB AREA FOR PLACEMENT AS DIRECTED BY STRUCTURAL ENGINEER.

11. PROVIDE A 3/4" CHAMFER ON EXPOSED CORNERS OF CONCRETE UNLESS NOTED OTHERWISE. TOP SURFACE OF WALLS SHALL BE FINISHED SMOOTH, UNLESS NOTED OTHERWISE.

12. CONTRACTOR SHALL PROVIDE SUITABLE WIRE SPACERS, CHAIRS, TIES, ETC FOR SUPPORTING REINFORCING STEEL IN THE PROPER POSITION WHILE PLACING CONCRETE.

13. PROVIDE 1/2" EXPANSION JOINT MATERIAL AT INTERIOR LOCATIONS WHERE SLABS ABUT WALLS, COLUMNS, AND OTHER VERTICAL SURFACES UNLESS NOTED OTHERWISE.

14. TIME BETWEEN CONCRETE BATCHING AND PLACEMENT SHALL BE IN ACCORDANCE WITH ASTM C94.

15. ADDITION OF JOBSITE WATER TO CONCRETE SHALL BE PER ASTM C94.

16. ALL CONCRETE SLABS SHALL BE CURED PER ACI 308.1 RECOMMENDATIONS.

17. CONTROL JOINTS SHALL BE PLACED IN CONVENTIONAL SLAB ON GROUND WITHIN 24 HOURS OF INITIAL POUR. REFER TO PLAN NOTES FOR ADDITIONAL INFO.

18. **DO NOT PLACE CONTROL JOINTS IN** STRUCTURAL SLAB ON GROUND, POST TENSIONED SLAB ON GROUND, OR PILE SUPPORTED SLABS.

19. Contractor SHALL HIRE A MATERIALS TESTING LABORATORY TO CAST AND TEST CONCRETE CYLINDERS. ALL TESTING SHALL BE IN ACCORDANCE WITH ACI 318. RESULTS OF CYLINDER TESTS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER. CONCRETE TEST REPORTS SHALL STATE THE FOLLOWING INFORMATION:
   A. LOCATION ON PROJECT WHERE THE CONCRETE IS USED
   B. 7 DAY COMPRESSIVE STRENGTH
   C. 28-DAY COMPRESSIVE STRENGTH
   D. AIR CONTENT
   E. SLUMP
   F. AMOUNT OF WATER ADDED ON JOB SITE
   G. MIX USED

20. CONCRETE TEST REPORTS SHALL DIRECTLY STATE WHETHER OR NOT THE TEST RESULT COMPLIES WITH THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.

21. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY IRREGULARITIES OR DEFECTS IN CONCRETE SLABS (CRACKS, BUMPS, FLOOR CURLING, ETC.) BEFORE ANY FLOOR FINISHES ARE APPLIED.

22. CONFORM TO ACI 117 FOR CONCRETE TOLERANCES.

23. CONFORM TO ACI 306.1 FOR COLD WEATHER CONCRETE PLACEMENT.

24. CONFORM TO ACI 305.1 FOR HOT WEATHER CONCRETE PLACEMENT.

25. WELDING OF REINFORCING STEEL SHALL NOT BE PERMITTED FOR NONWELDABLE REBAR NOR WITHOUT THE CONSENT OF THE STRUCTURAL ENGINEER

26. CONCRETE PLACEMENTS GREATER THAN OR EQUAL TO 48 INCHES THICK OR PLACEMENTS CONTAINING GREATER THAN 660 lb/yd^3 CEMENTITIOUS MATERIAL SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF ACI 301, CHAPTER 8.

27. "TERMINATORS" ON STRUCTURAL DRAWINGS REFER TO HEADED DEFORMED BARS AND MAY REPLACE STANDARD HOOKS WHERE NOTED. HEADED DEFORMED BARS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF ACI 318.

POST TENSIONED CONCRETE NOTES:

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE. ALL POST TENSIONING MATERIALS AND CONSTRUCTION SHALL COMPLY WITH POST TENSIONING INSTITUTE MANUAL AND FIELD PROCEDURE MANUAL FOR UNBONDED SINGLE STRAND TENDONS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. ALL POST-TENSIONING SYSTEMS SHALL BE FULLY ENCAPSULATED.

2. THE REQUIRED POST-TENSIONING FORCES INDICATED ON THE CONTRACT DOCUMENTS ARE FINAL EFFECTIVE FORCES AFTER ALL LOSSES. THE SIZE AND NUMBER OF TENDONS SHALL BE DETERMINED BY THE POST-TENSIONING CONTRACTOR TO PROVIDE THE REQUIRED FORCE. LOSSES SHALL BE CALCULATED USING EXPERIMENTALLY-DETERMINED LOSS COEFFICIENTS VERIFIED BY THE POST-TENSIONING CONTRACTOR. ELASTIC SHORTENING, CREEP, SHRINKAGE, AND RELAXATION OF THE STEEL SHALL BE REFLECTIVE OF THE MATERIALS USED FOR CONSTRUCTION.

3. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF POST-TENSIONING ANCHORS AND TENDONS WITH ITEMS TO BE EMBEDDED IN THE CONCRETE FOR THE WORK OF OTHER TRADES. REFER TO COORDINATION WITH OTHER TRADES AND BUILDING SYSTEMS NOTES.

4. THE MINIMUM COMPRESSIVE STRENGTH OF CONCRETE REQUIRED PRIOR TO COMMENCEMENT OF STRESSING OPERATIONS SHALL BE 3000 PSI. UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. TENDONS PASSING THROUGH POUR JOINTS SHALL NOT BE STRESSED UNTIL THE CONCRETE STRENGTH IN ALL SPANS HAS ATTAINED THE MINIMUM COMPRESSIVE STRENGTH REQUIRED FOR STRESSING.

5. THE GENERAL SEQUENCE OF TENDON STRESSING SHALL PROCEED AS INDICATED BELOW. ADDITIONAL INFORMATION ON STAGED STRESSING OF TRANSFER BEAMS AND OTHER ELEMENTS IS INDICATED ON THE PLANS, SCHEDULES, AND DETAILS. THE POST-TENSIONING CONTRACTOR SHALL INDICATE THE STRESSING SEQUENCE ON THE SHOP DRAWINGS.

   A. ONE-WAY SYSTEMS
      1. MAIN SLAB TENDONS
      2. SLAB TEMPERATURE TENDONS
      3. BEAM TENDONS
      4. GIRDER TENDONS
   B. TWO-WAY SYSTEMS
      1. UNIFORMLY DISTRIBUTED TENDONS
      2. BANDED TENDONS
   C. WHERE SLABS OR BEAMS ARE PROVIDED WITH CONTINUOUS AND DISCONTINUOUS TENDONS, CONTINUOUS TENDONS SHALL BE STRESS PRIOR TO DISCONTINUOUS TENDONS.
   D. THE TAILS OF TENDONS IN GROUPS REQUIRING STAGED STRESSING SHALL NOT BE CUT UNTIL ALL TENDONS ARE STRESSED AND TENDON ELONGATIONS FOR THE ENTIRE GROUP HAVE BEEN REVIEWED.

6. RELOCATING TENDONS OR MODIFYING ORDINATES MAY ONLY BE DONE WITH WRITTEN APPROVAL FROM STRUCTURAL ENGINEER.

GEOFOAM NOTES:

1. ALL FINAL GRADES ARE TO BE VERIFIED WITH SITE, CIVIL, AND ARCHITECTURAL DRAWINGS.

2. CONTRACTOR IS RESPONSIBLE FOR ALL FINISHED GRADES AND EXCAVATION WIDTH/DEPTH AND SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ANY EXISTING UTILITIES THAT ARE TO REMAIN.

3. GEOFOAM LIMITS INDICATED ARE MINIMUMS. CONTRACTOR MAY INCREASE WIDTH AND DEPTHS AS NECESSARY ON SAFETY OR CONSTRUCTION METHODS.

4. GEOFOAM TO BE EPS12 AT EXTERIOR OF BUILDING AND EPS15 AT INTERIOR OF BUILDING, MINIMUM, AND COMPLY w/ ASTM D6817, ASTM D7180, & ASTM D7557.

5. DRAINAGE SYSTEM AT THE BASE OF THE GEOFOAM IS REQUIRED AND GENERAL CONTRACTOR MUST COORDINATE PROPER INSTALLATION.

POST-INSTALLED ANCHORS TO CONCRETE AND MASONRY:

1. POST INSTALLED ANCHORS SHALL BE: EXPANSION, ADHESIVE, OR SCREW ANCHORS AS SPECIFIED, UNLESS NOTED OTHERWISE.

2. EXPANSION ANCHORS (SEE NOTES BELOW FOR SUBSTITUTIONS):
   A. FOR CONCRETE:
      a. HILTI KWIK BOLT TZ.
   B. FOR SOLID GROUTED CONCRETE MASONRY:
      a. HILTI KWIK BOLT TZ.

3. ADHESIVE ANCHORS (SEE NOTES BELOW FOR SUBSTITUTIONS):
   A. FOR CONCRETE:
      a. HILTI HIT RE 500 V3 EPOXY ADHESIVE ANCHOR SYSTEM WITH HAS THREADED ROD, THREADED ROD OR REBAR WHERE SPECIFIED
      b. HILTI HIT-HY 200 ADHESIVE ANCHOR SYSTEM WITH HAS THREADED ROD, THREADED ROD OR REBAR WHERE SPECIFIED.
   B. SOLID GROUTED CONCRETE MASONRY:
      a. HILTI HIT-HY 270 ADHESIVE ANCHOR SYSTEM WITH HAS THREADED ROD, THREADED ROD OR REBAR WHERE SPECIFIED.
   C. HOLLOW OR MULTI-WYTHE MASONRY:
      a. HILTI HIT-HY 70 ADHESIVE ANCHOR SYSTEM WITH HAS THREADED ROD OR THREADED ROD WITH SCREEN TUBES.

4. SCREW ANCHORS (SEE NOTES BELOW FOR SUBSTITUTIONS):
   A. FOR CONCRETE:
      a. HILTI KWIK HUS EZ
   B. SOLID GROUTED CONCRETE MASONRY:
      a. HILTI KWIK HUS EZ

5. WHEN INSTALLING POST INSTALLED ANCHORS:
   A. THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS AND CURRENT ICC-ES REPORT SHALL BE FOLLOWED.
   B. DO NOT DAMAGE EXISTING REINFORCING. POST TENSIONED CABLES OR OTHER EMBEDDED ITEMS.
   C. WHEN INSTALLING IN CONCRETE:
      a. THE MINIMUM CONCRETE DESIGN COMPRESSIVE STRENGTH SHALL MATCH THE COMPRESSIVE STRENGTHS NOTED IN THE CONCRETE MIX DESIGN SECTION.
      b. FOR POST INSTALLED ADHESIVE ANCHORS, THE CONCRETE SHALL HAVE A MINIMUM AGE OF 21 DAYS AT THE TIME OF INSTALLATION. ANCHORS INSTALLED IN CONCRETE LESS THAN 21 DAYS OLD SHALL BE TESTED IN ACCORDANCE WITH ACI 355.4 TO VERIFY PERFORMANCE.
      c. FOR POST INSTALLED ADHESIVE ANCHORS, THE CONCRETE TEMPERATURE AT THE TIME OF INSTALLATION SHALL BE AT LEAST 50-DEGREES FAHRENHEIT.
   D. ADHESIVE USED IN AN ADHESIVE ANCHOR SYSTEM SHALL BE STORED AT THE SERVICE TEMPERATURE RANGE RECOMMENDED BY THE MANUFACTURER.
   E. ANCHORS TO BE INSTALLED IN ADHESIVE SHALL BE CLEAN, OIL FREE AND FREE OF RUST, PAINT OR OTHER COATINGS.
   F. ADHESIVE ANCHORS SHALL BE SECURELY PLACED TO PREVENT DISPLACEMENT OR DISTURBANCE WHILE THE ADHESIVE CURES. IF AN ANCHOR IS DISPLACED OR DISTURBED BEFORE A FULL ADHESIVE CURE IT SHALL BE CONSIDERED DAMAGED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
   G. UNLESS NOTED OTHERWISE, ANCHORS SHALL BE INSTALLED PERPENDICULAR TO THE SUPPORTING SURFACE.
   H. INSTALL ANCHORS TO ACCOMMODATE THE STANDARD HOLE SIZE IN THE SUPPORTED STEEL MEMBER. THE HOLE DIAMETER THROUGH THE SUPPORTED STEEL MEMBER SHALL BE 1/16" LARGER THAN THE ANCHOR UNLESS NOTED OTHERWISE. USE PLATE WASHERS WITH A STANDARD SIZE HOLE WELDED TO STEEL MEMBERS WHERE OVERSIZED HOLES MUST BE USED THROUGH THE STEEL MEMBER, UNO.
   I. HOLES SHALL BE DRILLED AND INSTALLED PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS AS OUTLINED IN THE ICC-ES REPORT. WHERE APPLICABLE, INSTALLATION PREVENT DISPLACEMENT OR DISTURBANCE WHILE THE ADHESIVE CURES IS ALSO FOLLOW PROPER CLEANING PROCEDURE AS INDICATED IN THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTION AS OUTLINED IN THE ICC-ES REPORT. HOLES SHALL BE DRILLED WITH A ROTARY IMPACT HAMMER DRILL OR ROCK DRILL, DO NOT CORE DRILL HOLES.

6. ALL PERSONNEL INSTALLING ANCHORS SHALL BE TRAINED AND CERTIFIED BY THE ANCHORING SYSTEM MANUFACTURER. CONTRACTOR SHALL SUBMIT VALID CERTIFICATION FROM THE MANUFACTURER ON ALL PERSONNEL ALL PERSONNEL INSTALLING ADHESIVE ANCHORS IN A HORIZONTAL, OVERHEAD OR UPWARDLY INCLINED CONDITION SHALL BE TRAINED AND CERTIFIED BY THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM FOR SUCH APPLICATIONS.

7. POST INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE DRAWINGS. CONTRACTOR SHALL OBTAIN APPROVAL FROM STRUCTURAL ENGINEER OF RECORD PRIOR TO USING POST INSTALLED ANCHORS FOR MISSING OR MISPLACED CAST IN PLACE ANCHORS. ONLY USE SPECIFIC TYPE OF ANCHOR (EXPANSION, ADHESIVE, SCREW) WHERE INDICATED. DO NOT SUBSTITUTE ANCHOR TYPES WITHOUT WRITTEN APPROVAL FROM SEOR.

8. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE LISTED ABOVE SHALL BE SUBMITTED TO THE ENGINEER WITH CALCULATIONS THAT ARE PREPARED AND SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED (PER THE DELEGATED DESIGN NOTES) SHOWING THAT THE SUBSTITUTED PRODUCT WILL ACHIEVE AN EQUIVALENT CAPACITY USING THE APPROPRIATE DESIGN PROCEDURE REQUIRED BY THE BUILDING CODE. PRODUCT ICC-ES CODE REPORTS SHALL BE INCLUDED WITH THE SUBMITTAL PACKAGE. THE PROPOSED SUBSTITUTION(S) SHALL MEET THE MOST RECENTLY PUBLISHED ACI 355.2 OR ACI 355.4.

CONCRETE MASONRY UNIT (CMU):

1. MASONRY CONSTRUCTION TO CONFORM TO ACI 530/530.1 BUILDING CODE REQUIREMENTS AND SPECS FOR MASONRY STRUCTURES (AND RELATED COMMENTARIES).

2. ONLY LOAD BEARING MASONRY IS SHOWN ON THE STRUCTURAL PLANS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR LOCATIONS OF NON-LOAD BEARING MASONRY. REFER TO SCHEDULES AND DETAILS FOR NON-LOAD BEARING MASONRY INFORMATION.

3. CONTRACTOR SHALL ELECTRONICALLY SUBMIT STEEL REBAR SHOP DRAWINGS WITH ELEVATIONS OF REINFORCED WALLS FOR APPROVAL PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING TO THE ARCHITECT.

4. ALL MASONRY WALLS SHALL BE CONSTRUCTED IN A RUNNING BOND PATTERN AS DESCRIBED BY ACI 530 UNLESS NOTED OTHERWISE ON THE CONSTRUCTION DOCUMENTS.

5. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF ALL VERTICAL CONTROL JOINTS IN EXTERIOR FACADE.

6. FOR LOAD BEARING WALLS, PROVIDE CONTROL JOINTS AS INDICATED ON PLAN. FOR ALL LOAD BEARING WALL CONTROL JOINTS NOT SPECIFIED AND AT ALL NON-LOAD BEARING WALLS, PROVIDE VERTICAL WALL CONTROL JOINTS IN MASONRY WALLS AS FOL

MATERIAL STRENGTHS:
UNLESS NOTED OTHERWISE, THE FOLLOWING MATERIALS SHALL BE USED. REFER TO MATERIAL NOTES AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

CONCRETE MATERIALS SCHEDULE

TYPE OF CONSTRUCTION	COMPRESSIVE STRENGTH (psi) (ASTM C39)	EQUIL. DENSITY (pcf)	EXPOSURE CATEGORIES				MAXIMUM w/cm	AIR CONTENT
			F	S	W	C		
FOOTINGS	3,000	145					--	--
FROST WALLS	4,000	145	F1				0.55	5%
BASEMENT WALLS	4,000	145	F1				0.55	--
INTERIOR WALLS	4,000	145					--	--
EXTERIOR WALLS	4,500	145	F2				0.45	6%
INTERIOR COLUMNS AND SHEAR WALLS	REFER TO PLAN	145					--	--
EXTERIOR COLUMNS AND SHEAR WALLS	4,500 MIN. REFER TO PLAN	145	F2				0.45	6%
INTERIOR NON-PARKING SLAB ON GROUND	4,000	145					--	--
INTERIOR PARKING SLAB ON GROUND	5,000	145				C2	0.4	--
EXTERIOR SLAB ON GROUND	5,000	145	F3			C2	0.4	6%
ELEVATED INTERIOR NON-PARKING SLABS AND BEAMS	6,000	145					--	--
ELEVATED PARKING SLABS AND BEAMS	6,000	145	F3			C2	0.4	6%
ELEVATED EXTERIOR SLABS AND BEAMS	6,000	145	F3			C2	0.4	6%
INTERIOR CONCRETE TOPPING AND STAIR LANDINGS/TREADS	4,000	145					--	--
EXTERIOR CONCRETE TOPPING AND STAIR LANDINGS/TREADS	5,000	145	F3			C2	0.4	6%
SLABS ON METAL DECK	4,000	145					--	--
LEAN CONCRETE	1,000	145					--	--

CONCRETE MATERIALS SCHEDULE NOTES:

1. CORROSION EXPOSURE SHALL BE F0, S0, W0, AND C0 UNLESS NOTED OTHERWISE IN THE EXPOSURE CATEGORIES COLUMN.
2. MAXIMUM AGGREGATE SIZE FOR ALL MIXES TO BE 3/4 INCHES; FOOTINGS MAY BE 1 1/2 INCHES.
3. PROVIDE 5% AIR CONTENT AT ALL EXPOSED CONDITIONS NOT EXPLICITLY INDICATED ABOVE. TOLERANCE OF AIR CONTENT AS DELIVERED SHALL BE +/- 1.5%.
4. PROVIDE CRYSTALLINE WATERPROOFING ADMIXTURE IN ALL PARKING SLABS AND BEAMS.
5. CONCRETE SUPPLIER AND FINISHER SHALL COORDINATE PROPERTIES OF PROPOSED MIX DESIGN UNDER VARIOUS WEATHER CONDITIONS TO COMPLETE PLACING AND FINISHING OF SLAB PER THE PROJECT REQUIREMENTS AND IN A TIMELY MANNER. APPROVED CHEMICAL ADMIXTURES MAY BE USED TO INCREASE WORKABILITY PROVIDED THE ADMIXTURE-TREATED CONCRETE HAS THE SAME OR LOWER WATER-CEMENT RATIO AND DOES NOT EXHIBIT SEGREGATION POTENTIAL OR EXCESSIVE BLEEDING. IF PROPOSED SLUMP WILL EXCEED 9", PROVIDE DOCUMENTATION OF PAST PERFORMANCE OF MIX DESIGN.
6. FOR CONCRETE FLOOR SLABS AND TOPPINGS, THE MINIMUM CEMENTITIOUS MATERIAL CONTENT SHALL BE 540 LBS/Y3 UNLESS APPROVED BY ENGINEER OF RECORD.
7. CONCRETE COMPRESSIVE STRENGTH SHALL BE DETERMINED AT 28 DAYS FOR STRENGTH EQUAL TO OR LESS THAN 6000 PSI, AND AT 56 DAYS FOR STRENGTH GREATER THAN 6000 PSI.
8. FOR LIGHTWEIGHT CONCRETE HAVING EQUILIBRIUM DENSITY LESS THAN 145 pcf, LAMBDA (λ) HAS BEEN TAKEN AS 0.75.
9. FOR EXPOSURE CATEGORY F3, MAXIMUM PERCENT OF TOTAL CEMENTITIOUS MATERIALS BY MASS AS FOLLOWS:
   A. FLY ASH OR OTHER POZZOLANS CONFORMING TO ASTM C618 – 25%
   B. SLAG CEMENT CONFORMING TO ASTM C989 – 50%
   C. SILICA FUME CONFORMING TO ASTM C1240 – 10%
   D. TOTAL OF FLY ASH OR OTHER POZZOLANS AND SILICA FUME – 35%
   E. TOTAL OF FLY ASH OR OTHER POZZOLANS, SLAG CEMENT, AND SILICA FUME – 50%
10. FOR EXPOSURE CLASSES S1, S2, AND S3, MINERAL FILLERS DERIVED FROM CARBONATE AGGREGATE ARE PROHIBITED. FOR EXPOSURE CLASSES S2 AND S3, DO NOT USE CEMENTITIOUS MATERIALS OTHER THAN PORTLAND CEMENT IN CONCRETE.
11. REFER TO MASS CONCRETE NOTES FOR ADDITIONAL REQUIREMENTS
12. CONCRETE SUPPLIER, IN CONCERT WITH THE GENERAL CONTRACTOR, TO PROVIDE CONCRETE MIX SUCH THAT THE MAXIMUM TEMPERATURE WILL NOT EXCEED 158 DEGREES FAHRENHEIT. LIKEWISE, A THERMAL GRADIENT (FROM THE CENTER TO THE EDGE OF THE CONCRETE PLACEMENT) THAT EXCEEDS 35 DEGREES FAHRENHEIT IS NOT PERMITTED.

MACROSYNTHETIC FIBERS ENGINEERED AND DESIGNED FOR USE IN CONCRETE SLABS
COMPLYING WITH ASTM C 1116, TYPE III, 1 1/2" TO 2 1/2" LONG

GEOFOAM:
AT LOCATIONS SUBJECTED TO LIGHT VECHILUAR TRAFFIC:
DURAFILL EPS15 GEOFOAM (3.6 COMPRESSIVE RESISTANCE AT 1% DEFORMATION)
AT LOCATIONS BELOW SIDEWALKES AND AREAS SUBJECTED TO HEAVY TRUCKS AND BUS TRAFFIC:
DURAFILL EPS19 GEOFOAM (5.8 COMPRESSIVE RESISTANCE AT 1% DEFORMATION)

LIGHTWEIGHT RIGID FILL
AT LOCATIONS SUBJECTED TO LIGHT VECHILUAR TRAFFIC:
RIGID CELLULAR POLYSTYRENE WITH MINIMUM COMPRESSIVE RESISTANCE OF 40 PSI AT 10% DEFORMATION
CONFORMING TO ASTM D6817 OR ASTM C578 OR APPROVED EQUIVALENT
AT LOCATIONS BELOW SIDEWALKES AND AREAS SUBJECTED TO HEAVY TRUCKS AND BUS TRAFFIC:
RIGID CELLULAR POLYSTYRENE WITH MINIMUM COMPRESSIVE RESISTANCE OF 100 PSI AT 10% DEFORMATION
CONFORMING TO ASTM D6817 OR ASTM C578 OR APPROVED EQUIVALENT

METAL / STEEL:
UNLESS NOTED OTHERWISE, THE FOLLOWING MATERIALS SHALL BE PROVIDED:

REINFORCING STEEL
ASTM A615, DEFORMED, TYPICAL..... GRADE 60
ASTM A615, DEFORMED, WHERE INDICATED..... GRADE XX
ASTM A706, DEFORMED, WELDABLE..... GRADE 60
STEEL WELDED WIRE REINFORCEMENT, FLAT SHEETS..... GRADE 60
POST-TENSIONING TENDONS, ASTM A416 ..... GRADE 270
STUD RAIL ASSEMBLIES, ASTM A1044
HEADED WELDED STUDS, ASTM A108
STRUCTURAL STEEL
ROLLED WIDE FLANGE SHAPES, ASTM A992..... GRADE 50
CHANNELS, ANGLES, AND S-SHAPES, ASTM A36..... GRADE 36
PLATES AND BARS, TYPICAL, ASTM A36..... GRADE 36
PLATES AND BARS, WHERE NOTED, ASTM A572..... GRADE 50
RECT. HSS SHAPES, ASTM A500, TYPICAL..... GRADE C (Fy = 50 KSI)
CIRCULAR HSS SHAPES, ASTM A500, TYPICAL..... GRADE C (Fy = 46 KSI)
ALL HSS SHAPES, ASTM A1085, WHERE NOTED..... (Fy = 50 KSI)
PIPE, ASTM A53, TYPE E OR S..... GRADE B
ALL OTHER ROLLED SHAPES, ASTM A36..... GRADE 36
COLD FORMED METAL FRAMING
GAUGE STEEL (ALL STUDS AND TRACKS), ASTM A1003
- 18 GAUGE AND LIGHTER..... GRADE 33
- 16 GAUGE AND HEAVIER..... GRADE 55

GALVANIZED COATING..... G60
STRUCTURAL CONNECTORS
ANCHOR RODS, ASTM F1554, TYPICAL..... GRADE 36
ANCHOR RODS, ASTM F1554, WHERE NOTED..... GRADE 55, S1
HIGH STRENGTH BOLTS, ASTM F3125, TYPE 1, TYPICAL..... GROUP A (120 KSI)
HIGH STRENGTH BOLTS, ASTM F3125, TYPE 1, WHERE NOTED..... GROUP B (150 KSI)
NUTS, ASTM A563
WASHERS, ASTM F436
DTIs WASHERS, ASTM F959..... GRADE PER BOLT SPEC
STEEL HEADED STUD ANCHORS, ASTM A108
RODS, ASTM A36, TYPICAL..... GRADE 36
RODS, ASTM F1554, WHERE NOTED..... GRADE 55, S1
CLEVIS AND TURNBUCKLES, ASTM A108..... GRADE 1035
EYEBOLTS AND NUTS, ASTM A108..... GRADE 1030
STAINLESS STEEL
STAINLESS STEEL BOLTS, NUTS, AND WASHERS, ASTM F593
STAINLESS STEEL ANGLES, ASTM A276, S304..... Fy = 30,000 PSI
PLATE AND BAR, ASTM A276, S304..... Fy = 30,000 PSI
TUBE SHAPES, ASTM A554, S304..... Fy = 30,000 PSI
WELDING ELECTRODES
STRUCTURAL STEEL..... E70XX
WELDABLE REINFORCING STEEL..... E80XX
STAINLESS STEEL..... E75XX

MASONRY:
ASSEMBLY ..... f'm = 2,500 PSI
BLOCK ..... f'CMU = 3,250 PSI OR GREATER
GROUT ..... f'c = 2,500 PSI OR GREATER
MASONRY MORTAR ..... TYPE "M" MORTAR BELOW GRADE
TYPE "M" OR "S" ABOVE GRADE
GROUT BELOW BASE PLATES AND BEARING PLATES
NON-METALLIC, SHRINKAGE RESISTANT ..... ASTM C1107

DESIGN DATA:
APPLICABLE CODES / STANDARDS:
WISCONSIN COMMERCIAL BUILDING CODE: 2015 IBC AS MODIFIED BY CHAPTERS SPS 361-366, ADOPTED APRIL 1, 2018
INTERNATIONAL EXISTING BUILDING CODE - 2015
ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE/SEI

STRUCTURAL DESIGN STANDARDS (DESIGN SHALL CONFORM TO THE CURRENT EDITION UNDER THE APPLICABLE CODE)
ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY
ACI 530/530.1 BUILDING CODE REQUIREMENTS AND SPECS FOR MASONRY STRUCTURES (AND RELATED COMMENTARIES)
ANSI/AISC 360 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS
AWS D1.1/D1.1M STRUCTURAL WELDING CODE - STEEL
NDS-NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION ASD/LRFD
NDS-NATIONAL DESIGN SPECIFICATION SUPPLEMENT, DESIGN VALUES FOR WOOD CONSTRUCTION
AISI S100 NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS
AISI S213 NORTH AMERICAN SPECIFICATION FOR COLD FORMED STEEL FRAMING - LATERAL DESIGN

BUILDING DESIGN LOADS / CRITERIA:
RISK CATEGORY II

DESIGN SUPERIMPOSED DEAD LOADS AND LIVE LOADS: REFER TO LOADING PLANS ON S010.

DESIGN DEAD LOADS:
RESIDENTIAL..... SELF-WEIGHT + 20 PSF SUPERIMPOSED
PARKING..... SELF-WEIGHT + 10 PSF SUPERIMPOSED

DESIGN LIVE LOADS:
RETAIL, OFFICE, RESTAURANT, RECREATIONAL ..... 100 PSF
LIGHT STORAGE ..... 125 PSF
RESIDENTIAL AREAS ..... 40 PSF
RESIDENTIAL STORAGE ..... 80 PSF
STAIRWAYS, CORRIDORS, LOBBIES (OTHER AREAS) ..... 100 PSF
PUBLIC SIDEWALKS ..... 250 PSF
BUS TERMINAL ..... 250 PSF
BUS WHEEL POINT LOAD ..... 20,000 LBS
PUBLIC GARAGES (PASSENGER VEHICLES) ..... 40 PSF
PRIVATE GARAGES ..... 100 PSF
CAR WHEEL POINT LOAD ..... 3,000 LBS
ROOF GARDEN ..... 100 PSF
AWNINGS AND CANOPIES (FABRIC) ..... 5 PSF
INTERIOR PARTITION WALLS (UNIFORMLY DISTRIBUTED WEIGHT) ..... 15 PSF
INTERIOR PARTITION WALLS (HORIZONTAL DESIGN LOADS) ..... 5 PSF

HANDRAIL ASSEMBLIES AND GUARDS:
200 lb LOAD OR 50 plf LOAD APPLIED IN ANY DIRECTION AT TOP OF HANDRAIL ASSEMBLY OR GUARD AND TO TRANSFER THIS LOAD THROUGH SUPPORTS TO THE STRUCTURE

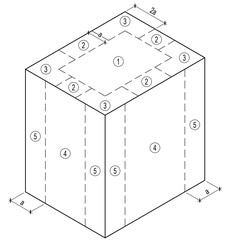
ROOF SNOW LOADS AND DESIGN DATA:
DESIGN ROOF SNOW LOAD ..... 21.0 PSF (BALANCED SNOW LOAD)
FLAT ROOF SNOW LOAD (Pf) = (0.7 × Ce × Ct × Is × Pg) ..... 21.0 PSF
SNOW EXPOSURE (Ce) 1.0
SNOW LOAD IMPORTANCE FACTOR (Is) 1.0
ROOF THERMAL FACTOR (Ct) 1.0
GROUND SNOW (Pg) ..... 30 PSF
RAIN ON SNOW SURCHARGE 0.0
SLOPED ROOF FACTOR (Cs) 1.0

WIND DESIGN DATA:
ULTIMATE WIND SPEED (3 SECOND GUST) ..... 115 MPH
NOMINAL WIND SPEED ..... 89.1 MPH
WIND DIRECTIONALITY FACTOR (Kd) 0.85
MEAN ROOF HEIGHT ..... 160 FT
WIND EXPOSURE CATEGORY ..... D
WIND EXPOSURE CLASSIFICATION ..... ENCLOSED
INTERNAL PRESSURE COEFFICIENT ..... ±0.18
BUILDING LENGTH (L) ..... 265 FT
LEAST WIDTH (B) ..... 166 FT
VELOCITY PRESSURE EXPOSURE COEFFICIENT Kh (CASE 1) 1.555
VELOCITY PRESSURE EXPOSURE COEFFICIENT Kh (CASE 2) 1.555
TOPOGRAPHIC FACTOR (Kzt) 1.0
EDGE STRIP (a) ..... 16.6 FT
EDGE ZONE (2a) ..... 33.2 FT
DESIGN PROCEDURE ..... DIRECTIONAL

ULTIMATE WIND LOADS COMPONENTS & CLADDING:

ROOF SURFACE PRESSURE			
AREA	10 SF	50 SF	100 SF
NEGATIVE ZONE 1	-70.7 PSF	-61.5 PSF	-57.5 PSF
NEGATIVE ZONE 2	-111.0 PSF	-98.1 PSF	-92.5 PSF
NEGATIVE ZONE 3	-151.2 PSF	-134.7 PSF	-127.5 PSF
POSITIVE ALL ZONES	16.0 PSF	16.0 PSF	16.0 PSF

WALL SURFACE PRESSURE			
AREA	10 SF	100 SF	500 SF
NEGATIVE ZONE 4	-48.3 PSF	-43.8 PSF	-39.4 PSF
NEGATIVE ZONE 5	-86.6 PSF	-70.7 PSF	-52.8 PSF
POSITIVE ZONE 4&5	48.3 PSF	41.6 PSF	34.9 PSF



WIND LOADS COMPONENTS AND CLADDING ZONE DIAGRAM (ASCE 7-10)

PARAPET SURFACE PRESSURE				
CASE	SOLID PARAPET PRESSURE	10 SF	100 SF	500 SF
CASE A: PRESSURE TOWARDS BUILDING	CASE A: INTERIOR ZONE	143.5 PSF	118.3 PSF	98.7 PSF
CASE A: PRESSURE TOWARDS BUILDING	CASE A: CORNER ZONE	183.9 PSF	153.4 PSF	130.1 PSF
CASE B: PRESSURE AWAY FROM BUILDING	CASE B: INTERIOR ZONE	-80.7 PSF	-69.5 PSF	-58.3 PSF
CASE B: PRESSURE AWAY FROM BUILDING	CASE B: CORNER ZONE	-121.1 PSF	-96.4 PSF	-71.8 PSF

EARTHQUAKE DESIGN DATA:
SEISMIC IMPORTANCE FACTOR (Ie)..... 1.0
MAPPED SPECTRAL ACCELERATIONS AT SHORT PERIODS (Ss) 0.084
MAPPED SPECTRAL ACCELERATIONS AT (1) SECOND PERIODS (S1) 0.046
SITE CLASSIFICATION C
DESIGN SPECTRAL RESPONSE COEFFICIENT AT SHORT PERIODS (Sds) 0.067
DESIGN SPECTRAL RESPONSE COEFFICIENT AT (1) SECOND PERIODS (Sd1) 0.052
SEISMIC DESIGN CATEGORY ..... A
BASIC SEISMIC-FORCE-RESISTING SYSTEM ..... ORDINARY REINFORCED CONCRETE SHEAR WALLS
DESIGN BASE SHEAR ..... 0.014W KIPS
SEISMIC RESPONSE COEFFICIENT (Cs) 0.014
RESPONSE MODIFICATION COEFFICIENT (R) 4
ANALYSIS PROCEDURE FOR SEISMIC DESIGN ..... EQUIVALENT LATERAL FORCE

SOIL DESIGN VALUES:
THE DESIGN VALUES BELOW HAVE BEEN USED AS THE BASIS OF THE FOUNDATION DESIGN. THESE VALUES SHALL BE CONFIRMED BY THE FOUNDATION CONTRACTOR AND THE GEOTECHNICAL ENGINEER OF RECORD PRIOR TO CONSTRUCTION. NOTIFY THE SEOR IF THE FINAL DESIGN OR INSTALLED VALUES DIFFER FROM THE VALUES NOTED BELOW.
SOIL UNIT WEIGHT ..... 120 PCF (UNCONFIRMED)
LATERAL EARTH PRESSURE
ACTIVE (RETAINING WALLS)..... 35 psf / ft OF DEPTH (UNCONFIRMED)
AT-REST (BASEMENT WALLS) ..... 55 psf / ft OF DEPTH
PASSIVE ..... 200 PSF (UNCONFIRMED)
COEFFICIENT OF SLIDING FRICTION ..... 0.3 (UNCONFIRMED)
SUBGRADE MODULUS ..... 150 PCI
FROST DEPTH ..... 48" BELOW EXTERIOR FINISH GRADE (UNCONFIRMED)
ALLOWABLE SOIL BEARING PRESSURE ..... 8,000 PSF
MINIMUM BEARING DEPTH, EXTERIOR ..... 48" BELOW EXTERIOR FINISH GRADE
MINIMUM BEARING DEPTH, INTERIOR ..... NO MINIMUM REQUIREMENT
MAXIMUM TOTAL FOUNDATION SETTLEMENT ..... 1"
MAXIMUM DIFFERENTIAL SETTLEMENT BETWEEN ADJACENT FOUNDATIONS ..... 1/2"

DELEGATED DESIGN NOTES:
1. ENGINEERING DESIGN, DETAILING, AND COORDINATION OF DELEGATED DESIGN ITEMS ARE DELEGATED TO THE CONTRACTOR PER THE SPECIFICATIONS AND CRITERIA INDICATED ON THE DRAWINGS. THE PRIMARY BASE BUILDING STRUCTURE HAS BEEN DESIGNED AS INDICATED HEREIN TO ACCEPT THE DELEGATED DESIGN ITEMS. THE CONTRACTOR SHALL COORDINATE THE WORK OF THE DELEGATED DESIGNERS WITH EACH OTHER AND WITH THE PRIMARY BASE BUILDING STRUCTURE. IT IS SUGGESTED THAT DESIGN CRITERIA, LOAD PATHS, AND ATTACHMENT SCHEMES PROPOSED BY THE DELEGATED DESIGNER BE SUBMITTED FOR REVIEW BY THE ARCHITECT FOR COMPATIBILITY OF THE BASE BUILDING DESIGN PRIOR TO FINAL DESIGN AND DETAILING OF THE DELEGATED DESIGN PACKAGE.
2. STRUCTURAL SYSTEMS SHALL BE DESIGNED FOR THE DELEGATED DESIGN PERFORMANCE CRITERIA DEFLECTION LIMITS NOTED ON THIS SHEET AND TO LIMIT BUILDING MOVEMENTS TO LESS THAN THE VALUES INDICATED IN THE COORDINATION WITH OTHER TRADES AND BUILDING SYSTEMS NOTES ON S002.
3. DOCUMENTS FOR DELEGATED DESIGN ITEMS SHALL BE STAMPED BY A QUALIFIED, PROFESSIONAL ENGINEER LICENSED IN THE STATE IN WHICH THE PROJECT IS LOCATED. THE CONTRACTOR SHALL FORWARD THE REVIEWED DOCUMENTS TO THE ARCHITECT AND/OR ENGINEER OF RECORD WITH A NOTATION INDICATING THAT THE DELEGATED DESIGN DOCUMENTS HAVE BEEN REVIEWED AND BEEN FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING.
4. DELEGATED DESIGN ITEMS INCLUDE ANY ITEMS NOT EXPLICITLY NOTED ON THE STRUCTURAL DRAWINGS, INCLUDING BUT NOT LIMITED TO:

PRIMARY BASE BUILDING STRUCTURAL ELEMENTS
- SOIL IMPROVEMENT SYSTEMS, INCLUDING UPLIFT ANCHORS
- TEMPORARY EARTH RETENTION SYSTEMS
- SHORING AND/OR UNDERPINNING OF EXISTING STRUCTURES
- LOAD-BEARING COLD FORMED METAL FRAMING AND CONNECTIONS
- PRE-ENGINEERED ROOF/FLOOR OPENING FRAMES
- PRE-FABRICATED METAL BALCONIES
- POST-TENSIONING SYSTEMS

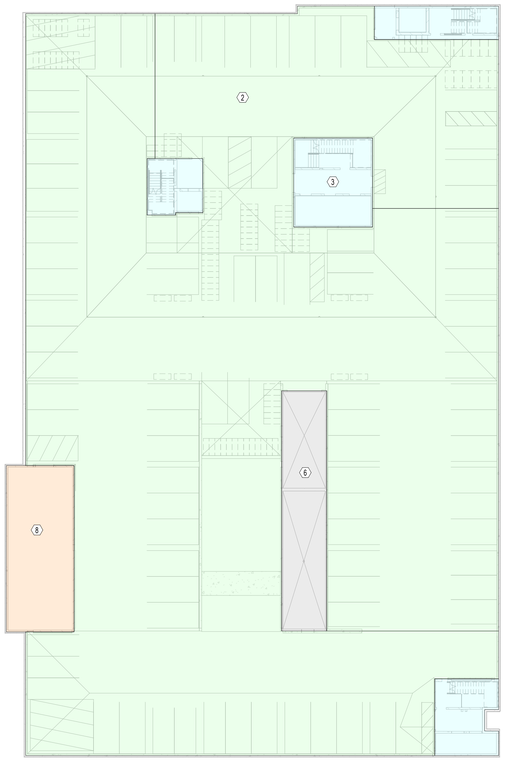
OTHER ITEMS SUPPORTED BY PRIMARY STRUCTURE (SECONDARY MEMBERS)
- NON-LOAD-BEARING COLD FORMED METAL FRAMING AND CONNECTIONS
- STAIRS, RAILINGS, HANDRAILS, GUARDRAILS, LADDERS, ETC. – REFER TO STAIR DELEGATE DESIGN NOTES
- BUILDING MAINTENANCE SYSTEMS, WINDOW WASHING DAVITS AND TIE BACKS
- POOLS
- CABLE BARRIERS, BOLLARDS, GUARDRAILS, TRAFFIC CONTROL DEVICES
- CANOPIES AND AWNINGS
- CLADDING SYSTEMS AND COMPONENTS, INCLUDING SUPPLEMENTAL SUPPORT, WHERE REQUIRED
- FURNITURE, FIXTURES, AND OTHER MISCELLANEOUS ARCHITECTURAL FABRICATIONS
- SITE, UTILITY, PLAZA, AND LANDSCAPE ITEMS
- SUPPORTS, BRACING, ATTACHMENTS, AND SUBFRAMING FOR SUPPORT OF OTHER TRADES AND BUILDING COMPONENTS. REFER TO MODIFICATIONS FOR COORDINATION WITH OTHER TRADES NOTES.

5. DELEGATED DESIGN SUBMITTALS PERTAINING TO FOUNDATIONS AND OTHER GEOTECHNICAL ELEMENTS SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER OF RECORD.
6. ENGINEERING AND SYSTEMS REQUIRED BY THE CONTRACTOR TO SUPPORT CONSTRUCTION REMAIN THE PREROGATIVE AND RESPONSIBILITY OF THE CONTRACTOR. REFER TO GENERAL NOTES.

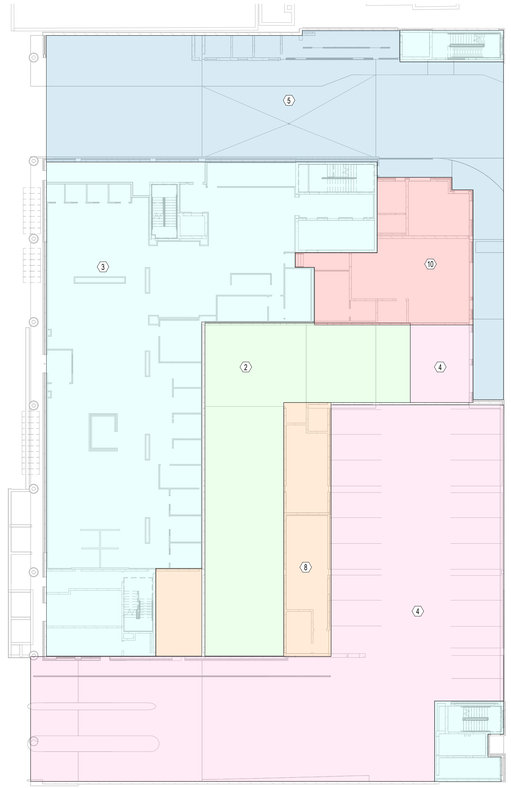
DELEGATED DESIGN STAIR NOTES:
1. STAIRS NOT DETAILED ON THE DRAWINGS ARE DELEGATED TO THE CONTRACTOR FOR DESIGN. REFER TO THE ARCHITECTURAL DRAWINGS AND PROJECT SPECIFICATIONS FOR ADDITIONAL PERFORMANCE CRITERIA AND FINISHING REQUIREMENTS. THE BASE BUILDING STRUCTURE HAS BEEN DESIGNED FOR SUPPORT OF STAIRS AS INDICATED HEREIN.
2. STAIRS, HANDRAILS, AND GUARDRAILS SHALL BE DELEGATED DESIGN BY THE STEEL SUPPLIER. CONNECTIONS INTO SURROUNDING STRUCTURE SHALL BE APPROVED BY STRUCTURAL ENGINEER. CALCULATIONS OF ALL STAIR COMPONENTS MUST BE SUPPLIED WITH STAIR SHOP DRAWINGS AND STAMPED BY THE PROFESSIONAL ENGINEER IN RESPONSIBLE CHARGE, IN THE STATE IN WHICH THE PROJECT IS LOCATED.
3. REFER TO ARCHITECTURAL DRAWINGS FOR STAIR FRAMING AND CONFIGURATION.
4. LANDING BEAMS AND ANY ADDITIONAL SUPPORTS BEYOND WHAT IS SHOWN IN THE CONTRACT DOCUMENTS TO BE DESIGNED AND PROVIDED BY THE STAIR SUPPLIER.
5. DESIGN LOADS:
   A. STAIR LIVE LOAD SHALL BE 100 PSF, NON-REDUCIBLE.
   B. STAIR CONSTRUCTION SHALL BE:
      a. WHERE SPECIFICALLY NOTED, PRECAST CONCRETE STAIRS WITH ARCHITECT-SPECIFIED FINISHING, HAVING A TOTAL AVERAGE DEAD LOAD OF NOT MORE THAN 150 PSF.
      b. METAL PAN WITH 2" NORMAL WEIGHT CONCRETE FILL ON TREADS AND INTERMEDIATE LANDINGS, HAVING A TOTAL AVERAGE DEAD LOAD OF NOT MORE THAN 50 PSF.
      c. METAL PAN WITH ARCHITECT-SPECIFIED FINISHES, HAVING A TOTAL AVERAGE DEAD LOAD OF NOT MORE THAN 50 PSF.
6. CONNECTIONS TO BASE BUILDING STRUCTURE
   A. CONNECTION OF STAIRS TO THE BASE BUILDING STRUCTURE SHALL BE DESIGNED AND SUPPLIED BY THE STAIR SUPPLIER SUBJECT TO THE CONDITIONS INDICATED HEREIN AND COORDINATED WITH ALL OTHER TRADES AND SUBCONSULTANTS. SIGNED AND SEALED STAIR DESIGNS, INCLUDING CONNECTION LOCATIONS AND LOADS, SHALL BE PROVIDED PRIOR TO OR CONCURRENT WITH THE REVIEW OF SHOP DRAWINGS FOR THE SUPPORTING BASE BUILDING STRUCTURAL ELEMENTS. CONNECTION CALCULATIONS SHALL INCLUDE CONSIDERATION OF ALL LOCAL EFFECTS IMPOSED ON THE SUPPORTING MEMBERS.
   B. CONNECTIONS FOR INTERMEDIATE LANDINGS ARE ASSUMED TO BE MADE AT THE FAR END OF THE STAIR STRINGER OPPOSITE THE CONNECTION AT THE FLOOR LEVELS, UNLESS NOTED OTHERWISE. IT IS SUGGESTED THAT ALTERNATE SUPPORT LOCATIONS BE SUBMITTED FOR REVIEW PRIOR TO COMPLETION OF THE STAIR SHOP DRAWINGS.
   C. ALL LOADS APPLIED TO BASE BUILDING STEEL SHALL BE ATTACHED SUCH THAT ROTATION OF THE BASE BUILDING STEEL FRAMING IS RESTRAINED, UNLESS NOTED OTHERWISE. PROVIDE CONCENTRIC CONNECTIONS WHERE POSSIBLE, OR DESIGN AND PROVIDE KICKERS OR OTHER MEANS OF RESTRAINT IF NECESSARY.
   D. POST-INSTALLED ATTACHMENT TO POST-TENSIONED BEAMS AND SLABS SHALL BE AVOIDED.

DELEGATED DESIGN PERFORMANCE CRITERIA DEFLECTION LIMITS			
MEMBERS	LIVE	SNOW OR WIND	DEAD + LIVE OR SNOW
ROOF MEMBERS			
SUPPORTING GYPSUM BOARD CEILINGS	L/360	L/360	L/240
SUPPORTING FLEXIBLE CEILINGS	L/360	L/360	L/240
NOT SUPPORTING CEILINGS	L/240	L/240	L/180
SUPPORTING RIGID MATERIALS (BRICK, MASONRY, ETC.)	L/600	L/600	L/600
FLOOR MEMBERS			
SUPPORTING RIGID MATERIALS (BRICK, MASONRY, ETC.)	L/600	N/A	L/600
SUPPORTING FLEXIBLE MATERIALS	L/360	N/A	L/240
LINTEL / HEADER / BEAM MEMBERS			
SUPPORTING RIGID MATERIALS (BRICK, MASONRY, ETC.)	L/600	L/600	L/600
SUPPORTING FLEXIBLE MATERIALS	L/360	L/360	L/240
EXTERIOR WALLS (LATERAL DEFLECTION)			
WITH RIGID FINISHES (BRICK, MASONRY, ETC.)	N/A	L/600	N/A
WITH FLEXIBLE FINISHES (EIFS, SIDING, ETC.)	N/A	L/360	N/A

COORDINATION WITH OTHER TRADES:
1. SUPPORT, SUBFRAMING, BRACING, AND ATTACHMENTS TO PRIMARY BASE BUILDING STRUCTURE FOR ALL NONSTRUCTURAL BUILDING COMPONENTS, INCLUDING ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION ELEMENTS SHALL BE DESIGNED AND DETAILED BY THE MANUFACTURER, SUPPLIER, OR CONTRACTOR FURNISHING THOSE COMPONENTS. CONNECTIONS AND SUPPORTED LOADS TO STRUCTURAL MEMBERS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW. RESPONSIBILITY FOR THE PERFORMANCE OF THE SUPPLIED SYSTEM AND ASSOCIATED CONNECTIONS SHALL REMAIN THAT OF THE PARTY FURNISHING THE DESIGN AND DETAILING.
2. SEISMIC SUPPORT, BRACING, AND ANCHORAGE OF NONSTRUCTURAL COMPONENTS SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR AS REQUIRED BY GOVERNING CODE.
3. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES CONNECTING TO, REQUESTING OPENINGS IN, PENETRATIONS THROUGH, OR ITEMS EMBEDDED WITHIN STRUCTURAL ELEMENTS, OR OTHERWISE IMPACTING THE BASE BUILDING STRUCTURE. UPON COMPLETION OF COORDINATION AND DESIGN, FULLY COORDINATED PLANS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO FABRICATION AND INSTALLATION. THIS INCLUDES BUT IS NOT LIMITED TO SLEEVES, CONDUITS, CABLES, PIPES, ELECTRICAL BOXES, CAST-IN ATTACHMENTS, POST-INSTALLED ANCHORS, ETC. REFER TO TYPICAL DETAILS CONTAINED HEREIN FOR REINFORCEMENT REQUIRED TO ACCOMMODATE REQUESTED MODIFICATIONS TO THE PRIMARY BASE BUILDING STRUCTURE. UPON REVIEW, ADDITIONAL OR ALTERNATIVE MODIFICATIONS MAY BE REQUIRED AT THE DISCRETION AND DIRECTION OF THE STRUCTURAL ENGINEERING OF RECORD.
4. PENETRATIONS THROUGH, CONNECTIONS TO, AND ITEMS EMBEDDED WITHIN STRUCTURAL MEMBERS SHALL NOT NEGATIVELY IMPACT THE PERFORMANCE OF THE BASE BUILDING STRUCTURE.
5. CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES, INCLUDING AS-BUILT CONDITIONS IMPACTING DESIGN AND COORDINATION. ADJACENCIES OF ITEMS PLANNED OR INSTALLED IN OR ON STRUCTURE SHALL BE IDENTIFIED AND CONSIDERED FOR EACH TRADE FOR THE IMPACT OF SUCH ADJACENCIES TO THEIR SYSTEMS. VERIFY ALL MECHANICAL EQUIPMENT, WEIGHTS, SIZES, AND LOCATIONS PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATING MATERIALS. COORDINATE ANY REQUIRED REVISIONS TO THE BASE BUILDING STRUCTURE WITH THE STRUCTURAL ENGINEER.
6. MISCELLANEOUS ELEMENTS SUCH AS SHELF ANGLES, LINTELS, SUPPORTS FOR CURTAIN WALLS OR MASONRY, AND EDGE ANGLES AT OPENINGS AND PERIMETER CONDITIONS ARE INTENDED TO SUPPORT AND BE COORDINATED WITH MATERIALS FURNISHED BY OTHER TRADES. THESE MATERIALS ARE INTENDED TO BE FIELD ATTACHED TO MEET THE TOLERANCES REQUIRED BY OTHER TRADES, WHICH MAY BE MORE STRINGENT THAN THE TOLERANCES SPECIFIED BY THE RELEVANT CODE OF STANDARD PRACTICE FOR THE SUPPORTING ELEMENTS. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND COORDINATE THE INSTALLATION OF SUPPORTING ELEMENTS TO COMPLY WITH THE TOLERANCE CRITERIA REQUIRED FOR INSTALLATION OF MATERIALS BY OTHER TRADES.
7. UNDERGROUND
   A. THE INFLUENCE AREA OF A FOOTING OR MAT SHALL BE DEFINED AS THE FRUSTRUM OF SOIL LOCATED BELOW THE FOOTING OR MAT HAVING A 2:1 (HORIZONTAL:VERTICAL) SLOPE EMANATING FROM THE FOOTING OR MAT EDGE, OR AS DEFINED BY THE GEOTECHNICAL ENGINEER OF RECORD.
   B. PIPES, CONDUITS, AND BURIED ITEMS SHALL NOT BE PLACED WITHIN THE INFLUENCE AREA OF ADJACENT FOOTINGS OR MATS.
   C. ALL STRUCTURES (eg. TRIPLE BASINS, GREASE TRAPS, ETC.) SHALL NOT BE INSTALLED WITHIN THE INFLUENCE AREA OF ADJACENT FOOTINGS OR MATS UNLESS THE STRUCTURE IS DESIGNED BY THE MANUFACTURER FOR INCREASED SURCHARGE LOAD APPLIED BY THE ADJACENT FOUNDATION AND HAS BEEN REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER OF RECORD OR THE GEOTECHNICAL ENGINEER OF RECORD.
   D. ITEMS TO BE BURIED IN IMPROVED SOILS SHALL BE REVIEWED AND APPROVED BY THE GROUND IMPROVEMENT DELEGATED DES



1 S0010 LOWER LEVEL LOADING PLAN
SCALE: 3/64" = 1'-0"



2 S0010 1ST FLR LOADING PLAN
SCALE: 3/64" = 1'-0"

DESIGN LOAD SCHEDULE

MARK	DESCRIPTION	SUPERIMPOSED DEAD LOAD	LIVE LOAD
1	RESIDENTIAL / UNITS	20 PSF	40 PSF (*)
2	PARKING	10 PSF	50 PSF
3	ASSEMBLY / LOBBY	20 PSF	100 PSF
4	PARKING - 3.5" TOPPING	SELF-WEIGHT + 10 PSF	50 PSF
5	BUS TERMINAL - 8" TOPPING	SELF-WEIGHT + 20 PSF	250 PSF
6	LIGHT STORAGE	20 PSF	125 PSF
7	PLAZA	50 PSF	100 PSF (*)
8	MECHANICAL	20 PSF	125 PSF
9	SNOW	-	xx PSF + DRIFT
10	MECHANICAL - 8" TOPPING	SELF-WEIGHT + 20 PSF	125 PSF
11	GREEN ROOF	50 PSF	20 PSF
12	POOL	SELF-WEIGHT + 145 PSF	385 PSF

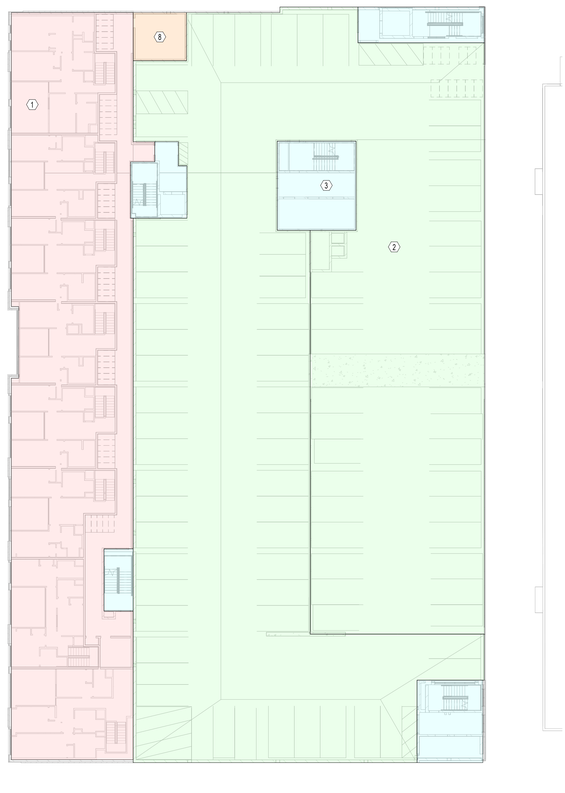
DESIGN LOAD SCHEDULE NOTES:
1. LIVE LOADS LISTED ARE UNREDUCED. LIVE LOADS NOTED WITH (*) ARE REDUCIBLE AND HAVE BEEN REDUCED PER ASCE 7-10 IN THE DESIGN OF STRUCTURAL MEMBERS.
2. LOADS ARE PROVIDED FOR REFERENCE ONLY.
3. SNOW DRIFTS AT PARAPETS / SCREEN WALLS ARE CALCULATED PER ASCE 7-10.
4. ALL LOADS ARE SUPERIMPOSED (NOT INCLUDING STRUCTURE SELF-WEIGHT).
5. INTERIOR WALLS NOT SHOWN.
6. DESIGN LOAD AT MECHANICAL AREAS HAS BEEN DETERMINED FROM ACTUAL WEIGHT OF UNITS INSTALLED AT TIME OF CONSTRUCTION. REFER TO FRAMING PLANS FOR SPECIFIC UNIT WEIGHTS AND LOCATIONS.
7. PERIMETER LOADS OF 15 PSF FOR GLAZING OR CFMF INFILL + METAL PANEL USED, UNO.



3 S0010 P2 FLR LOADING PLAN
SCALE: 3/64" = 1'-0"



4 S0010 P3 FLR LOADING PLAN
SCALE: 3/64" = 1'-0"



5 S0010 P4 FLR LOADING PLAN
SCALE: 3/64" = 1'-0"

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PE Project: 22019

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

LOADING PLANS

S0010

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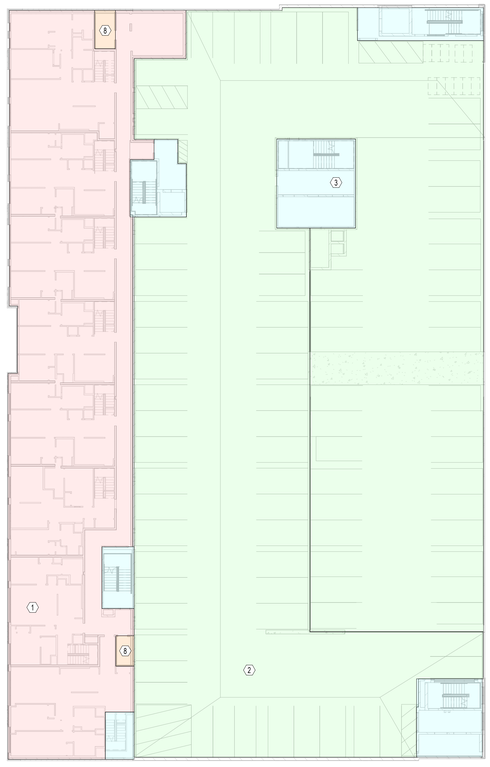

1 S0011 P5 FLR LOADING PLAN
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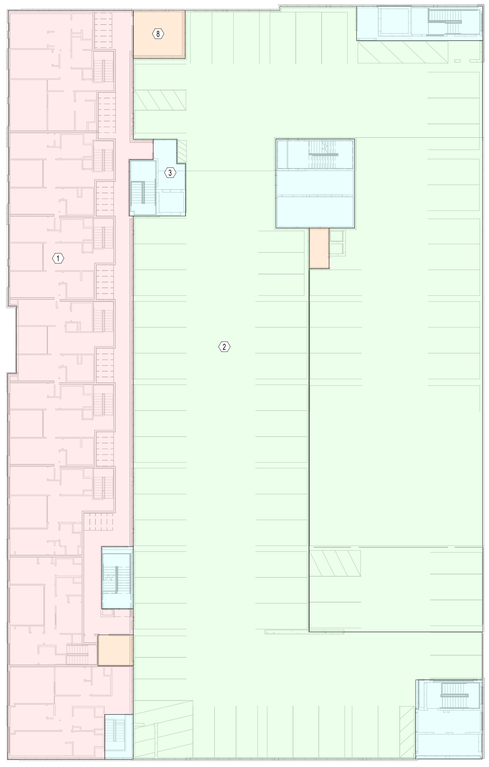

2 S0011 P6 FLR LOADING PLAN
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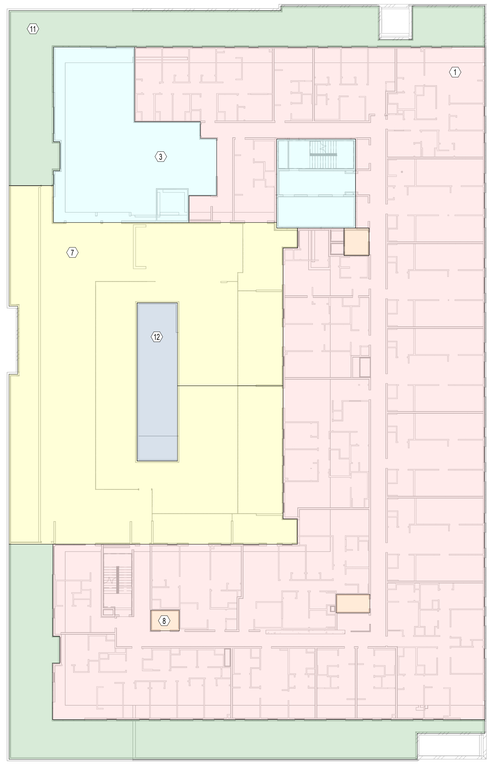
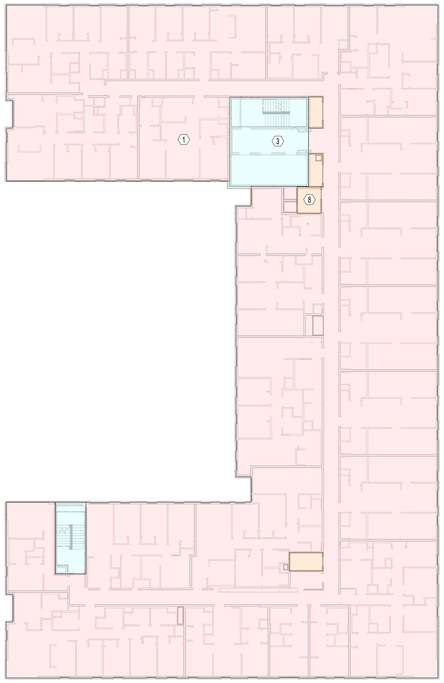


3 S0011 7TH FLR LOADING PLAN
SCALE: 3/64" = 1'-0"

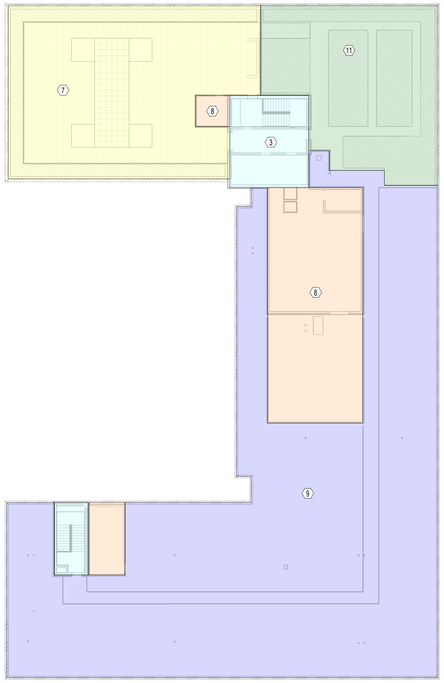
DESIGN LOAD SCHEDULE

MARK	DESCRIPTION	SUPERIMPOSED DEAD LOAD	LIVE LOAD
1	RESIDENTIAL / UNITS	20 PSF	40 PSF (*)
2	PARKING	10 PSF	50 PSF
3	ASSEMBLY / LOBBY	20 PSF	100 PSF
4	PARKING - 3.5" TOPPING	SELF-WEIGHT + 10 PSF	50 PSF
5	BUS TERMINAL - 8" TOPPING	SELF-WEIGHT + 20 PSF	250 PSF
6	LIGHT STORAGE	20 PSF	125 PSF
7	PLAZA	50 PSF	100 PSF (*)
8	MECHANICAL	20 PSF	125 PSF
9	SNOW	-	xx PSF + DRIFT
10	MECHANICAL - 8" TOPPING	SELF-WEIGHT + 20 PSF	125 PSF
11	GREEN ROOF	50 PSF	20 PSF
12	POOL	SELF-WEIGHT + 145 PSF	385 PSF

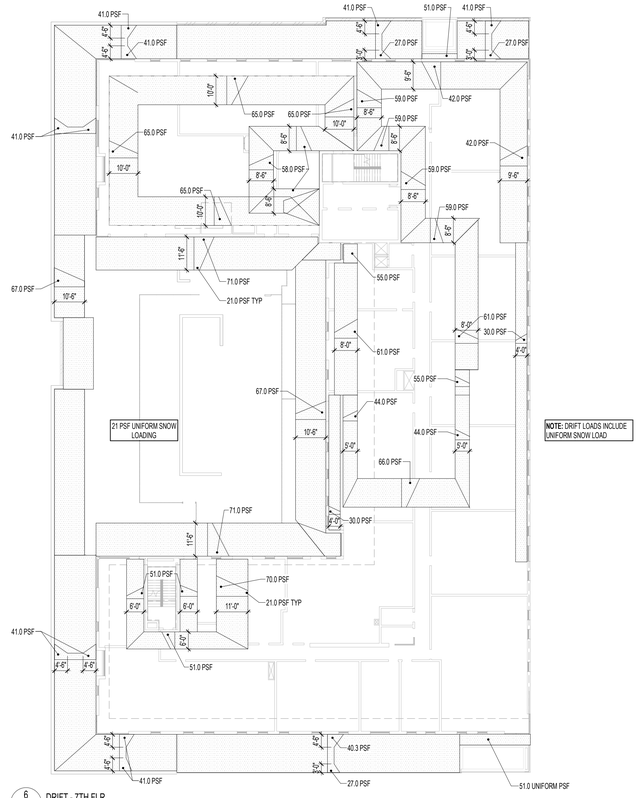
DESIGN LOAD SCHEDULE NOTES:
1. LIVE LOADS LISTED ARE UNREDUCED. LIVE LOADS NOTED WITH (*) ARE REDUCIBLE AND HAVE BEEN REDUCED PER ASCE 7-10 IN THE DESIGN OF STRUCTURAL MEMBERS.
2. LOADS ARE PROVIDED FOR REFERENCE ONLY.
3. SNOW DRIFTS AT PARAPETS / SCREEN WALLS ARE CALCULATED PER ASCE 7-10.
4. ALL LOADS ARE SUPERIMPOSED (NOT INCLUDING STRUCTURE SELF-WEIGHT).
5. INTERIOR WALLS NOT SHOWN.
6. DESIGN LOAD AT MECHANICAL AREAS HAS BEEN DETERMINED FROM ACTUAL WEIGHT OF UNITS INSTALLED AT TIME OF CONSTRUCTION. REFER TO FRAMING PLANS FOR SPECIFIC UNIT WEIGHTS AND LOCATIONS.
7. PERIMETER LOADS OF 15 PSF FOR GLAZING OR CFMF INFILL + METAL PANEL USED, UNO.



4 S0011 8TH - 15TH FLR LOADING PLAN
SCALE: 3/64" = 1'-0"



5 S0011 ROOF LOADING PLAN
SCALE: 3/64" = 1'-0"



6 S0011 DRIFT - 7TH FLR
SCALE: 3/64" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

LOADING PLANS

S0011

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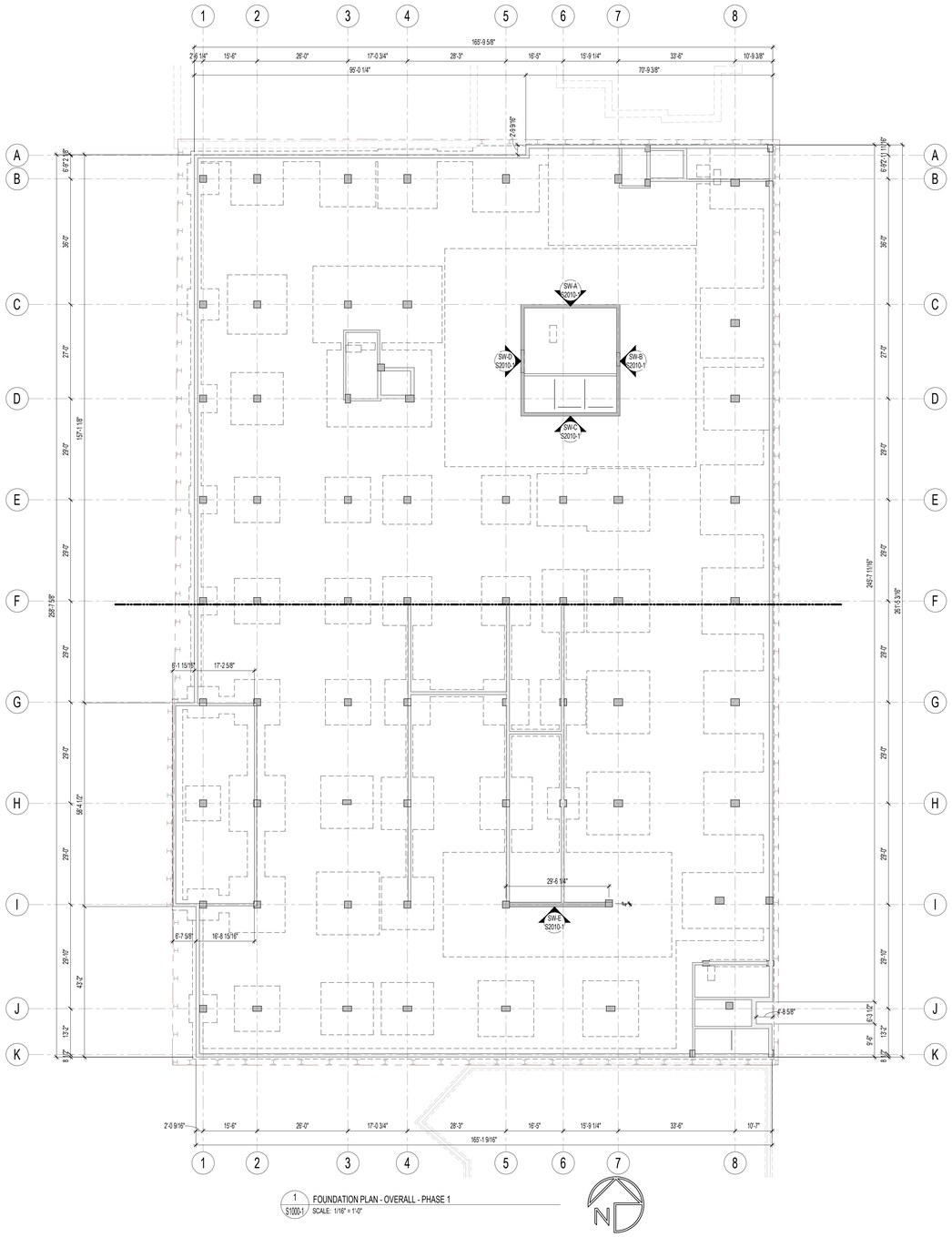

1 S1000-1 FOUNDATION PLAN - OVERALL - PHASE 1
SCALE: 1/16" = 1'-0"

FOUNDATION PLAN NOTES:

PLAN NOTES APPLY TO ALL FOUNDATION PLANS.
INDIVIDUAL NOTES DO NOT NECESSARILY APPLY TO ALL SHEETS.

1. REFER TO S0000 SERIES SHEETS FOR GENERAL NOTES AND SCHEDULES.
2. REFER TO S3000 SERIES SHEETS FOR TYPICAL FOUNDATION DETAILS NOT CUT ON PLAN.
3. ELEVATION 100'-0" ON STRUCTURAL DRAWINGS CORRESPONDS TO FF ELEVATION 862.00' SHOWN ON SITE PLAN. TYPICAL.
4. SLAB ON GROUND CONTROL JOINTS:
   PROVIDE SAW CUT CONTROL JOINTS IN CONCRETE SLAB ON GROUND CONSTRUCTION WITHIN 24 HOURS OF INITIAL POUR. CONTROL JOINTS SHALL BE SPACED AT 36 TIMES THE SLAB THICKNESS, UP TO A MAXIMUM SPACING OF 18'-0". THE ASPECT RATIO OF SLAB PANELS SHALL BE A MAXIMUM OF 1.5 TO 1. CONTROL JOINTS SHALL BE PLACED ON COLUMN CENTERLINES, INTERIOR CORNERS, AND FLOOR DISCONTINUITIES (PITS, EQUIPMENT PADS, TRENCHES, DEPRESSED SLABS, ETC.). COORDINATE SLAB CONTROL JOINTS LAYOUT WITH ARCHITECT. SLAB ON GROUND CONSTRUCTION SHALL CONFORM TO ACI 302 "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION". REFER TO TYPICAL DETAILS FOR SLAB ON GROUND CONSTRUCTION.
5. SLAB DEPRESSIONS: VERIFY ALL SLAB DEPRESSIONS (SIZE, DEPTH, LOCATION) w/ ARCHITECTURAL DRAWINGS.
6. CONFIRM ALL FOUNDATION WALL OPENINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. PROVIDE REINFORCING PER DETAIL 4/S3001-1 AT OPENINGS LESS THAN 6'-0" WIDE. COORDINATE WITH SEOR FOR OPENINGS LARGER THAN 6'-0".
7. BASED ON THE SOILS REPORT, CONTRACTOR TO BE AWARE OF AREAS OF POSSIBLE OVEREXCAVATION TO REMOVE POOR SOILS. SOIL BEARING CAPACITY IS TO BE FIELD VERIFIED BY GEOTECHNICAL ENGINEER PRIOR TO POURING ANY FOUNDATIONS.
8. REFER TO FRAMING PLANS FOR LOCATION, SIZE, & SPACING OF MASONRY WALL AND PIER REINFORCEMENT.
9. GC TO COORDINATE [FOOTING] [PILE CAP] ELEVATIONS w/ ALL UNDERGROUND UTILITY WORK. NOTIFY SEOR OF ANY CONFLICTS.

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2. (2) #4 x4'-0" CENTERED IN THICKNESS OF SLAB ON GROUND AND LOCATED AT RE-ENTRANT CORNERS. TYPICAL.
3. REFER TO DETAIL 4/S3001-1 FOR REINFORCING AT WALL OPENING.
4. THICKENED STAIR FOOTING PER 5/S3002-1, REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.
5. HSS8X4X1/4 (LSV) DIVIDER BEAM UNO, PROVIDE EMBED FOR ELEVATOR DIVIDER BEAM PER 15/S410. GC TO COORDINATE DIVIDER BEAM SIZES, LOCATIONS, AND ADDITIONAL STEEL REQUIREMENTS w/ ELEVATOR SUPPLIER

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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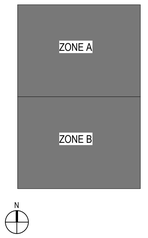
CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

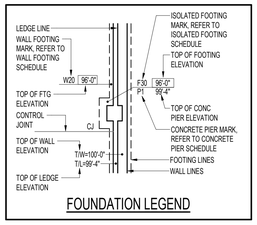
ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN



SHEET INFORMATION



FOUNDATION LEGEND

PROJECT MANAGER

PROJECT NUMBER 720448

FOUNDATION PLAN - OVERALL - PHASE 1

S1000-1

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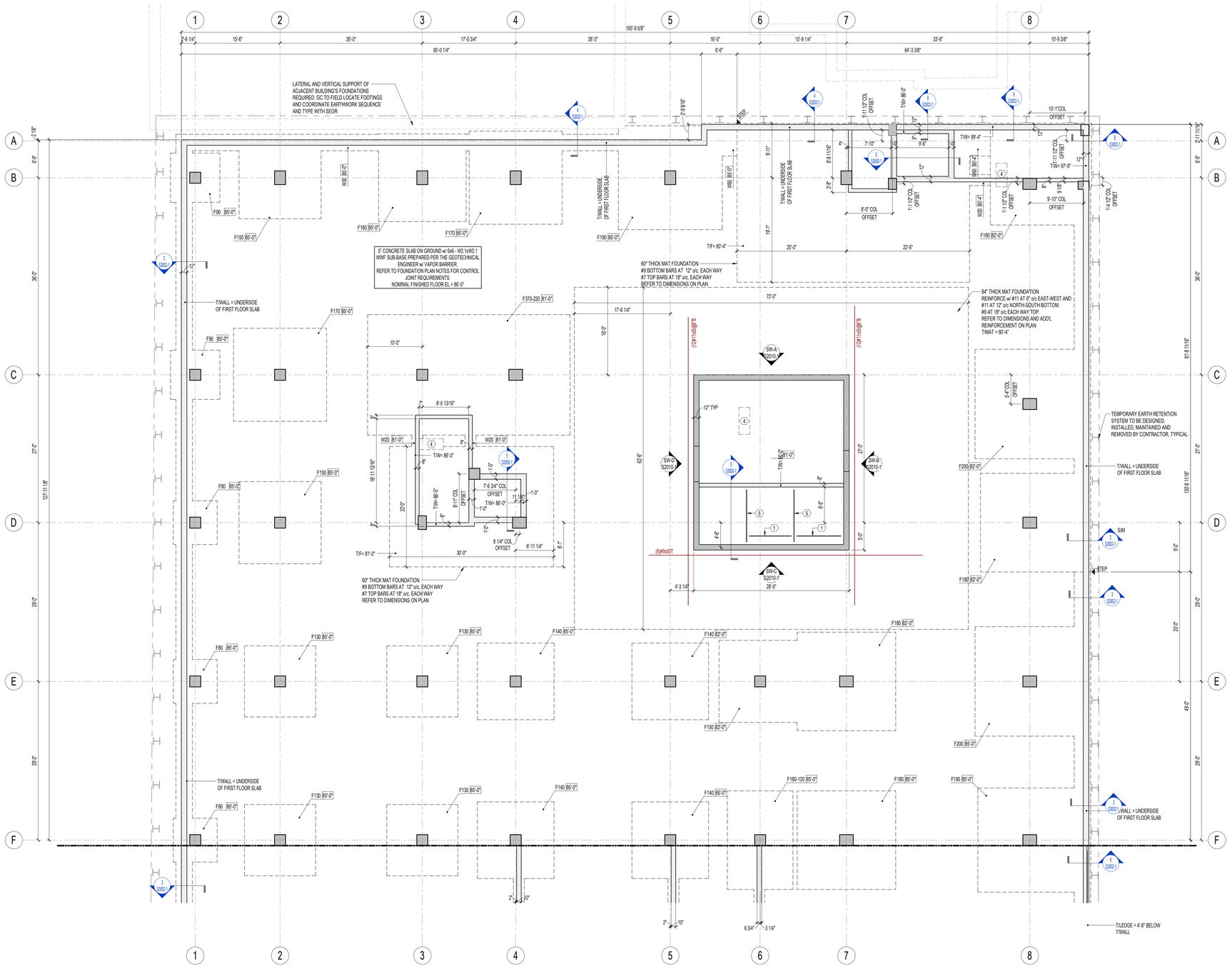

1 S1000-A-1 FOUNDATION PLAN - ZONE A - PHASE 1
SCALE: 1/8" = 1'-0"

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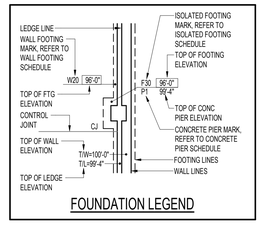
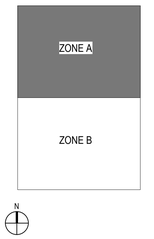


FOUNDATION LEGEND

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

FOUNDATION PLAN - ZONE A - PHASE 1

S1000-A-1

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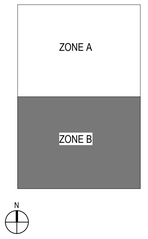

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

FOUNDATION PLAN - ZONE B - PHASE 1

S1000-B-1

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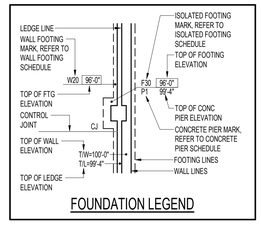
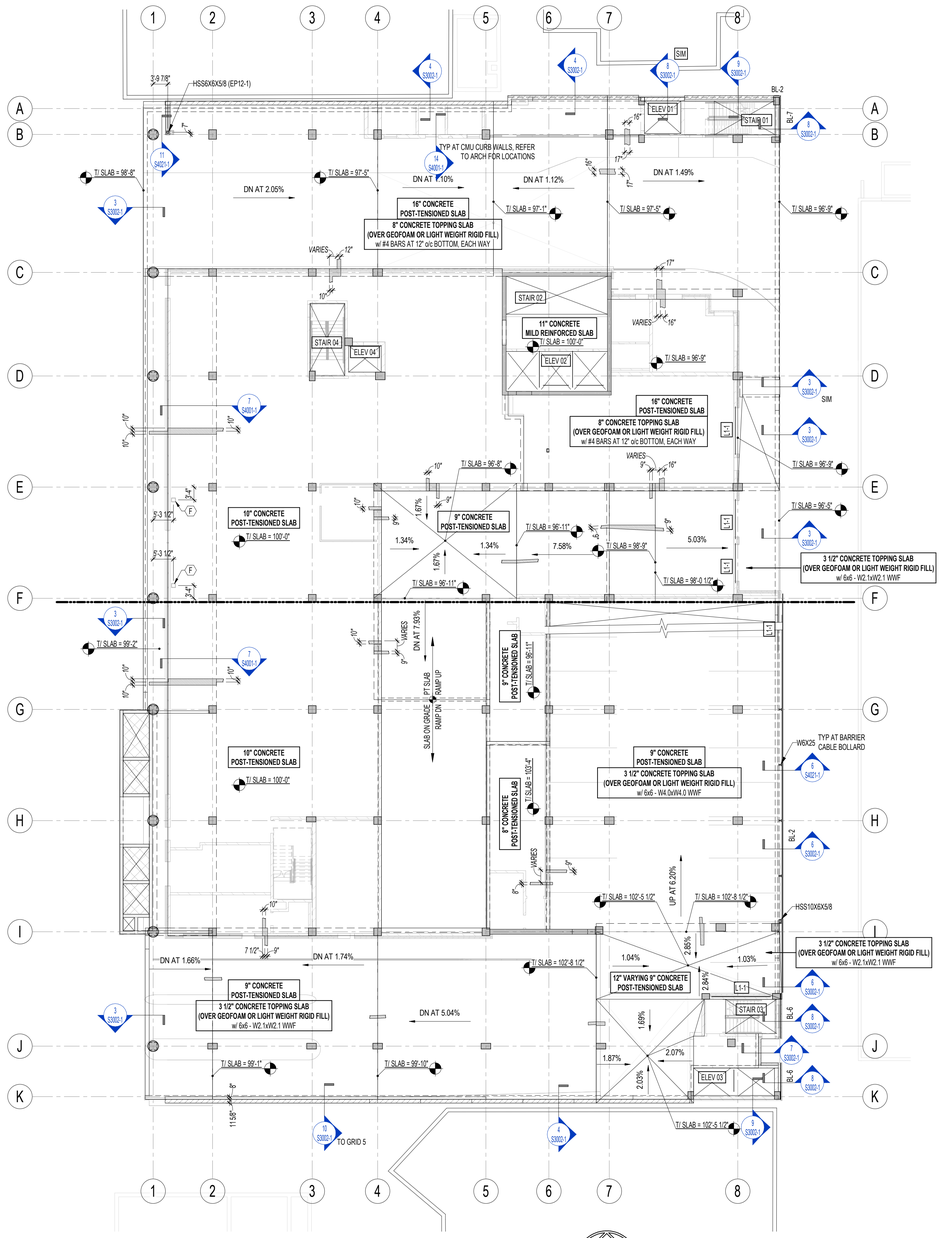
1 S1000-B-1 FOUNDATION PLAN - ZONE B - PHASE 1
SCALE: 1/8" = 1'-0"



FOUNDATION LEGEND



1 S1001-1 1ST FLR FRAMING PLAN - OVERALL - PHASE 1
SCALE: 1/16" = 1'-0"

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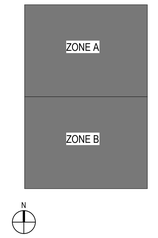

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

1ST FLR FRAMING PLAN - OVERALL - PHASE 1

S1001-1

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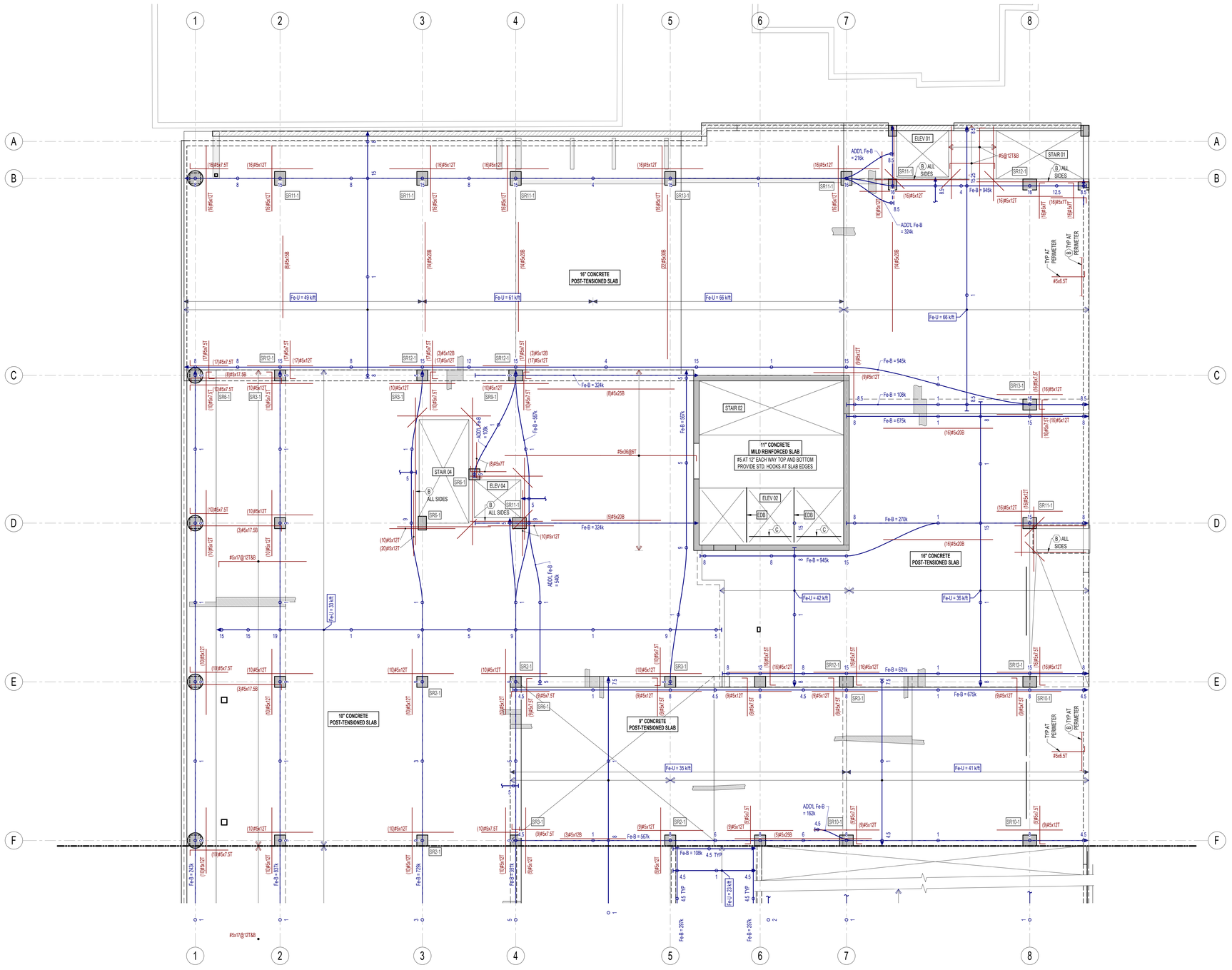


1 S1001-A-1 1ST FLR FRAMING PLAN - ZONE A - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"	P4	134'-8"
1ST FLR - LAKE ST	100'-0"	P5	144'-8"
P2	114'-0"	P6	154'-8"
P3	124'-8"	7TH FLR	167'-0"

1. REFER TO S000x-1 SERIES FOR GENERAL STRUCTURAL NOTES, INCLUDING COMPONENT DESIGN CRITERIA.
2. REFER TO S200x-1 SERIES FOR CONCRETE COLUMN SCHEDULE.
3. REFER TO S201x-1 SERIES FOR CONCRETE SHEAR WALL ELEVATIONS.
4. REFER TO S400x-1 SERIES FOR CONCRETE SCHEDULES AND DETAILS NOT CUT ON PLAN.
5. REFER TO 1/S4001-1 FOR REINFORCEMENT AT SLAB OPENINGS, UNO.
6. REFER TO ARCHITECTURAL, CIVIL, AND LANDSCAPE DRAWINGS FOR ALL EXTERIOR SITE CONCRETE INCLUDING PLANTERS, STAIRS, AND RAMPS.
7. REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY WALL LOCATIONS, UNLESS NOTED OTHERWISE. PROVIDE MASONRY WALL REINFORCING PER MASONRY WALL SCHEDULES, UNLESS NOTED OTHERWISE.
8. SLAB TENDON AND REBAR PLACEMENT NOTES:
   a. REFER TO 6/S4001-1 FOR TYPICAL SLAB TOP REBAR PLACEMENT AT COLUMNS.
   b. BOTTOM BARS BETWEEN COLUMNS SHALL BE CENTERED AT MID-SPAN.
   c. HOOKED BARS SHOWN PERPENDICULAR TO SLAB EDGES, OPENINGS, OR WALLS SHALL BE PROVIDED ALONG ENTIRE LENGTH.
   d. BANDED TENDON GROUPS SHALL BE CENTERED OVER COLUMNS TO THE GREATEST EXTENT POSSIBLE.
   e. TENDON ANCHORS AT SLAB EDGES SHALL BE LOCATED AT SLAB MID-DEPTH, UNO.
   f. ALL PT ORDINATES ARE REFERENCED FROM BOTTOM OF LOWEST SLAB, UNO.
9. REFER TO DELEGATED DESIGN NOTES ON S0002 FOR STAIR CONSTRUCTION.
10. "EDB" INDICATES HSS8X4X3/8 (LSV) ELEVATOR DIVIDER BEAM, UNO. PROVIDE EMBED EACH END PER 8/S4001-1. GC TO COORDINATE BEAM SIZE, LOCATION, AND ADDITIONAL STEEL REQUIREMENTS w/ ELEVATOR SUPPLIER.
11. PROVIDE CONCRETE WASH PER 4/S4001-1 AT ALL PARKING SLABS.
12. SLOPE TOP AND BOTTOM OF PARKING SLABS FOR DRAINAGE (SLABS TO BE CONSTANT THICKNESS EXCEPT WHERE CRICKETS ARE SHOWN).
13. AT PARKING AND EXTERIOR EXPOSED SLABS, ALL MILD STEEL SHALL BE EPOXY COATED (INCLUDING CARRY BARS, BACKUP BARS, AND HARPINS). SHEAR STUD RAILS SHALL BE GALVANIZED. SLAB SHALL RECEIVE A SILANE SEALER; REFER TO ARCHITECTURAL SPECIFICATIONS.
14. REFER TO PLAN FOR BUILD-UP w/ TOPPING SLAB ON GEOFOAM OR LIGHTWEIGHT RIGID FILL TO ACHIEVE ARCHITECTURAL FINISH FLOOR ELEVATION. PROVIDE CONCRETE TOPPING AS INDICATED ON PLAN. PROVIDE CONTROL JOINTS IN TOPPING SLAB AT ±10'-0" o/c; REFER TO ARCHITECTURAL FOR SPECIAL LAYOUTS. EDGES OF BUILD-UP TO RECEIVE CURB PER 10/S4001-1, UNO.

CONCRETE FRAMING PLAN KEYED NOTES - PHASE 1

(A) PROVIDE DIAGONAL BARS AT ALL RE-ENTRANT CORNERS:
SLABS UP TO 13" THICK: (2) #5 x 5'-0" TOP AND BOTTOM
SLABS UP TO 22" THICK: (2) #7 x 7'-6" TOP AND BOTTOM

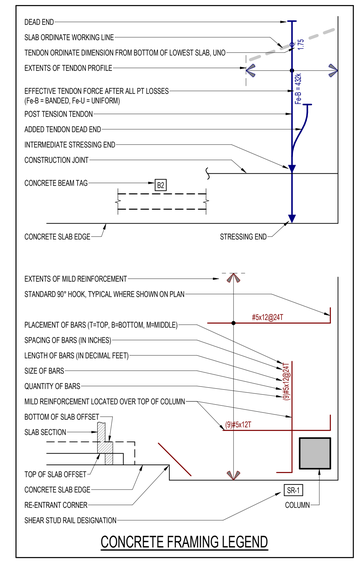
(B) TOP AND BOTTOM BARS ALONG ENTIRE LENGTH OF WALL OR OPENING PLUS 4'-0" EACH END WHERE POSSIBLE
SLABS UP TO 13" THICK: (6) #5 (1/2 TOP AND 1/2 BOTTOM)
SLABS UP TO 22" THICK: (6) #7 (1/2 TOP AND 1/2 BOTTOM)

(C) ADDITIONAL HSS8X4X3/8 (LSV) BEAMS REQUIRED AT REAR OF ELEVATORS. BEAM SIZE TO BE VERIFIED. GC TO COORDINATE LOCATION AND ADDITIONAL REQUIREMENTS WITH ELEVATOR PROVIDER. PROVIDE EMBED PER 8/S4001-1. PROVIDE STEEL CONNECTIONS PER 2/S4021-1.

(D) #3 STIRRUPS AT 12" o/c, FULL LENGTH OF OPENING.

(E) W12X58 ELEVATOR HOIST BEAM. VERIFY LOCATION AND ORIENTATION OVER ELEVATOR SHAFT w/ ELEVATOR SUPPLIER. COORDINATE BOTTOM OF BEAM w/ ELEVATOR CLEARANCE REQUIREMENTS. BEAM HAS BEEN DESIGNED FOR A 15,000 LB POINT LOAD.

(F) HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.



CONCRETE FRAMING LEGEND

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PE Project: 22019

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

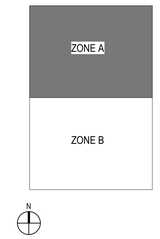
415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

1ST FLR FRAMING PLAN - ZONE A - PHASE 1

S1001-A-1

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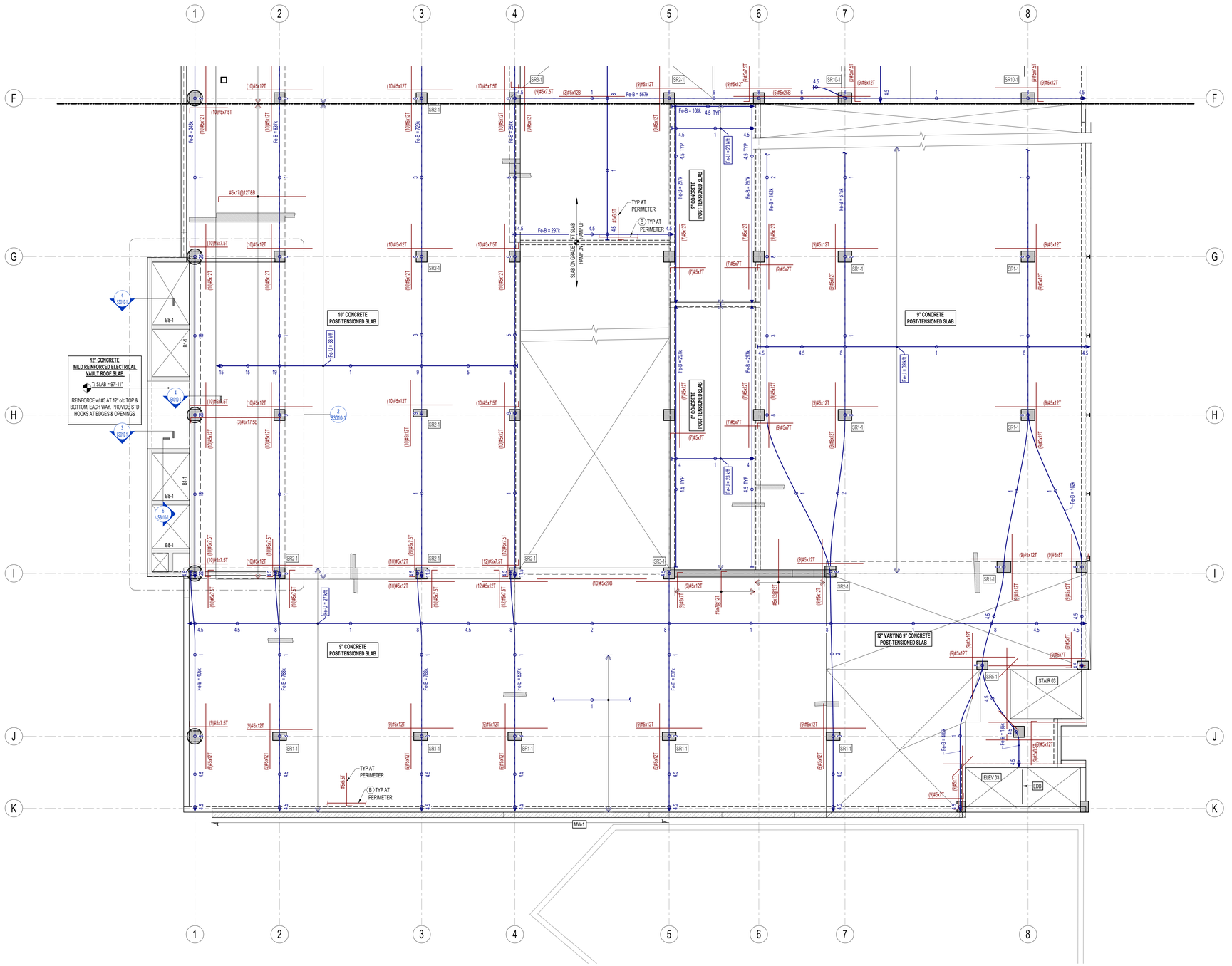

1 S1001-B-1 1ST FLR FRAMING PLAN - ZONE B - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"
1ST FLR - LAKE ST	100'-0"
P2	114'-0"
P3	124'-8"
P4	134'-8"
P5	144'-8"
P6	154'-8"
7TH FLR	167'-0"

1. REFER TO S000x-1 SERIES FOR GENERAL STRUCTURAL NOTES, INCLUDING COMPONENT DESIGN CRITERIA.
2. REFER TO S200x-1 SERIES FOR CONCRETE COLUMN SCHEDULE.
3. REFER TO S201x-1 SERIES FOR CONCRETE SHEAR WALL ELEVATIONS.
4. REFER TO S400x-1 SERIES FOR CONCRETE SCHEDULES AND DETAILS NOT CUT ON PLAN.
5. REFER TO 1/S4001-1 FOR REINFORCEMENT AT SLAB OPENINGS, UNO.
6. REFER TO ARCHITECTURAL, CIVIL, AND LANDSCAPE DRAWINGS FOR ALL EXTERIOR SITE CONCRETE INCLUDING PLANTERS, STAIRS, AND RAMPS.
7. REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY WALL LOCATIONS, UNLESS NOTED OTHERWISE. PROVIDE MASONRY WALL REINFORCING PER MASONRY WALL SCHEDULES, UNLESS NOTED OTHERWISE.
8. SLAB TENDON AND REBAR PLACEMENT NOTES:
   a. REFER TO 6/S4001-1 FOR TYPICAL SLAB TOP REBAR PLACEMENT AT COLUMNS.
   b. BOTTOM BARS BETWEEN COLUMNS SHALL BE CENTERED AT MID-SPAN.
   c. HOOKED BARS SHOWN PERPENDICULAR TO SLAB EDGES, OPENINGS, OR WALLS SHALL BE PROVIDED ALONG ENTIRE LENGTH.
   d. BANDED TENDON GROUPS SHALL BE CENTERED OVER COLUMNS TO THE GREATEST EXTENT POSSIBLE.
   e. TENDON ANCHORS AT SLAB EDGES SHALL BE LOCATED AT SLAB MID-DEPTH, UNO.
   f. ALL PT ORDINATES ARE REFERENCED FROM BOTTOM OF LOWEST SLAB, UNO.
9. REFER TO DELEGATED DESIGN NOTES ON S0002 FOR STAIR CONSTRUCTION.
10. "EDB" INDICATES HSS8X4X3/8 (LSV) ELEVATOR DIVIDER BEAM, UNO. PROVIDE EMBED EACH END PER 8/S4001-1. GC TO COORDINATE BEAM SIZE, LOCATION, AND ADDITIONAL STEEL REQUIREMENTS w/ ELEVATOR SUPPLIER.
11. PROVIDE CONCRETE WASH PER 4/S4001-1 AT ALL PARKING SLABS.
12. SLOPE TOP AND BOTTOM OF PARKING SLABS FOR DRAINAGE (SLABS TO BE CONSTANT THICKNESS EXCEPT WHERE CRICKETS ARE SHOWN).
13. AT PARKING AND EXTERIOR EXPOSED SLABS, ALL MILD STEEL SHALL BE EPOXY COATED (INCLUDING CARRY BARS, BACKUP BARS, AND HARPING). SHEAR STUD RAILS SHALL BE GALVANIZED. SLAB SHALL RECEIVE A SILANE SEALER; REFER TO ARCHITECTURAL SPECIFICATIONS.
14. REFER TO PLAN FOR BUILD-UP w/ TOPPING SLAB ON GEOFOAM OR LIGHTWEIGHT RIGID FILL TO ACHIEVE ARCHITECTURAL FINISH FLOOR ELEVATION. PROVIDE CONCRETE TOPPING AS INDICATED ON PLAN. PROVIDE CONTROL JOINTS IN TOPPING SLAB AT ±10'-0" o/c; REFER TO ARCHITECTURAL FOR SPECIAL LAYOUTS. EDGES OF BUILD-UP TO RECEIVE CURB PER 10/S4001-1, UNO.

CONCRETE FRAMING PLAN KEYED NOTES - PHASE 1

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SLABS UP TO 13" THICK: (2) #5 x 5'-0" TOP AND BOTTOM
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(B) TOP AND BOTTOM BARS ALONG ENTIRE LENGTH OF WALL OR OPENING PLUS 4'-0" EACH END WHERE POSSIBLE:
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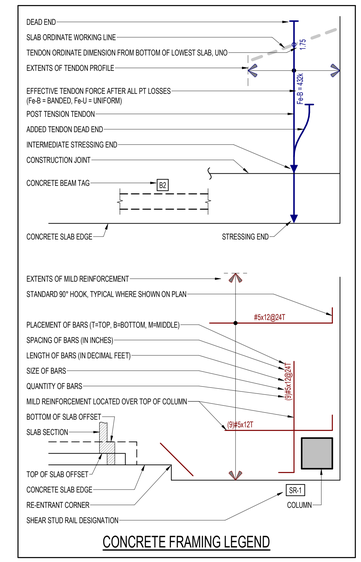
(F) HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.



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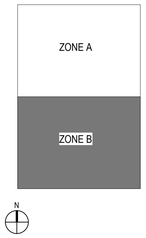

PROJECT MANAGER

PROJECT NUMBER 720448

1ST FLR FRAMING PLAN - ZONE B - PHASE 1

S1001-B-1

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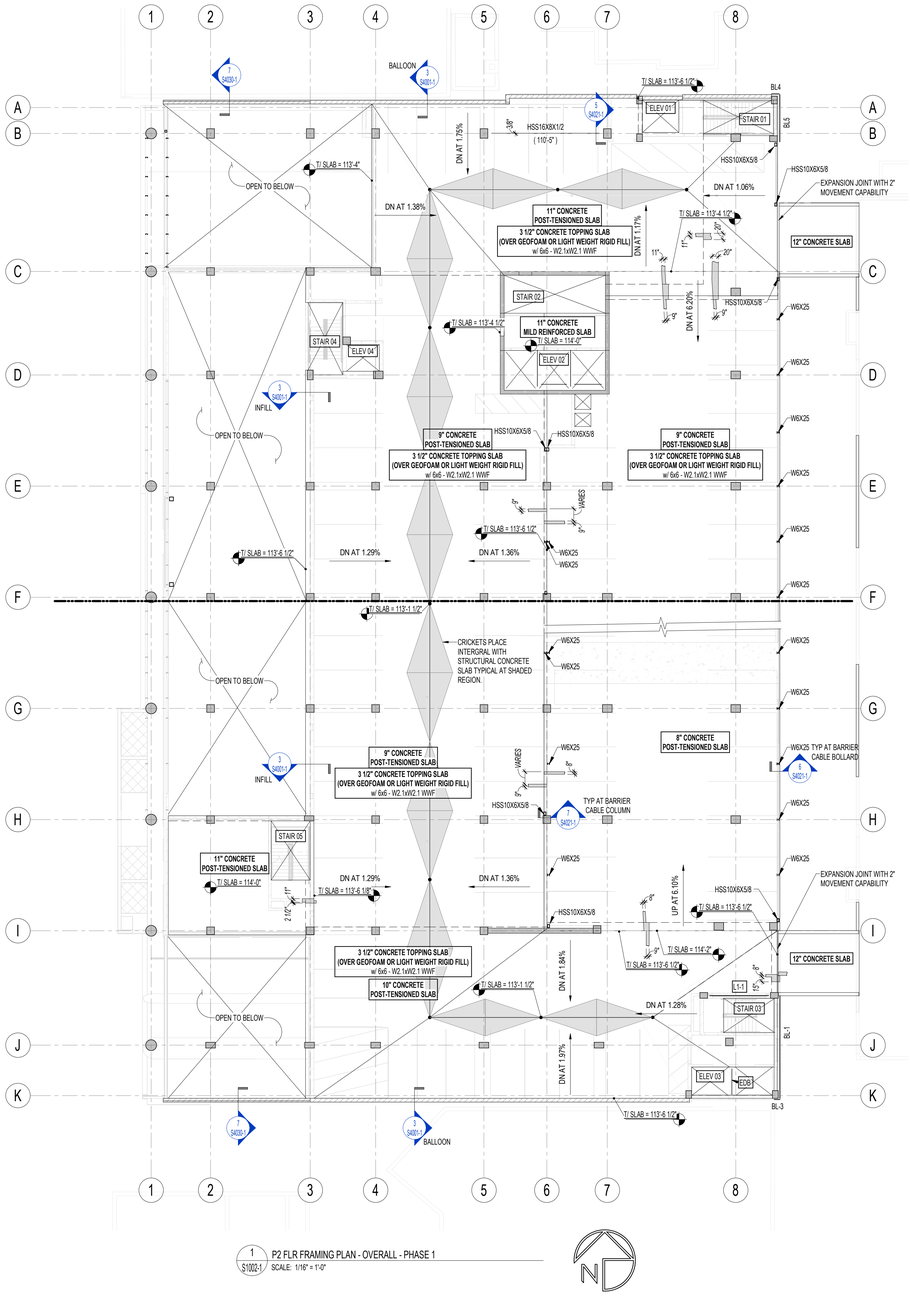

1 S1002-1 P2 FLR FRAMING PLAN - OVERALL - PHASE 1
SCALE: 1/16" = 1'-0"

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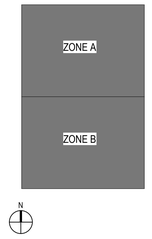

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P2 FLR FRAMING PLAN - OVERALL - PHASE 1

S1002-1

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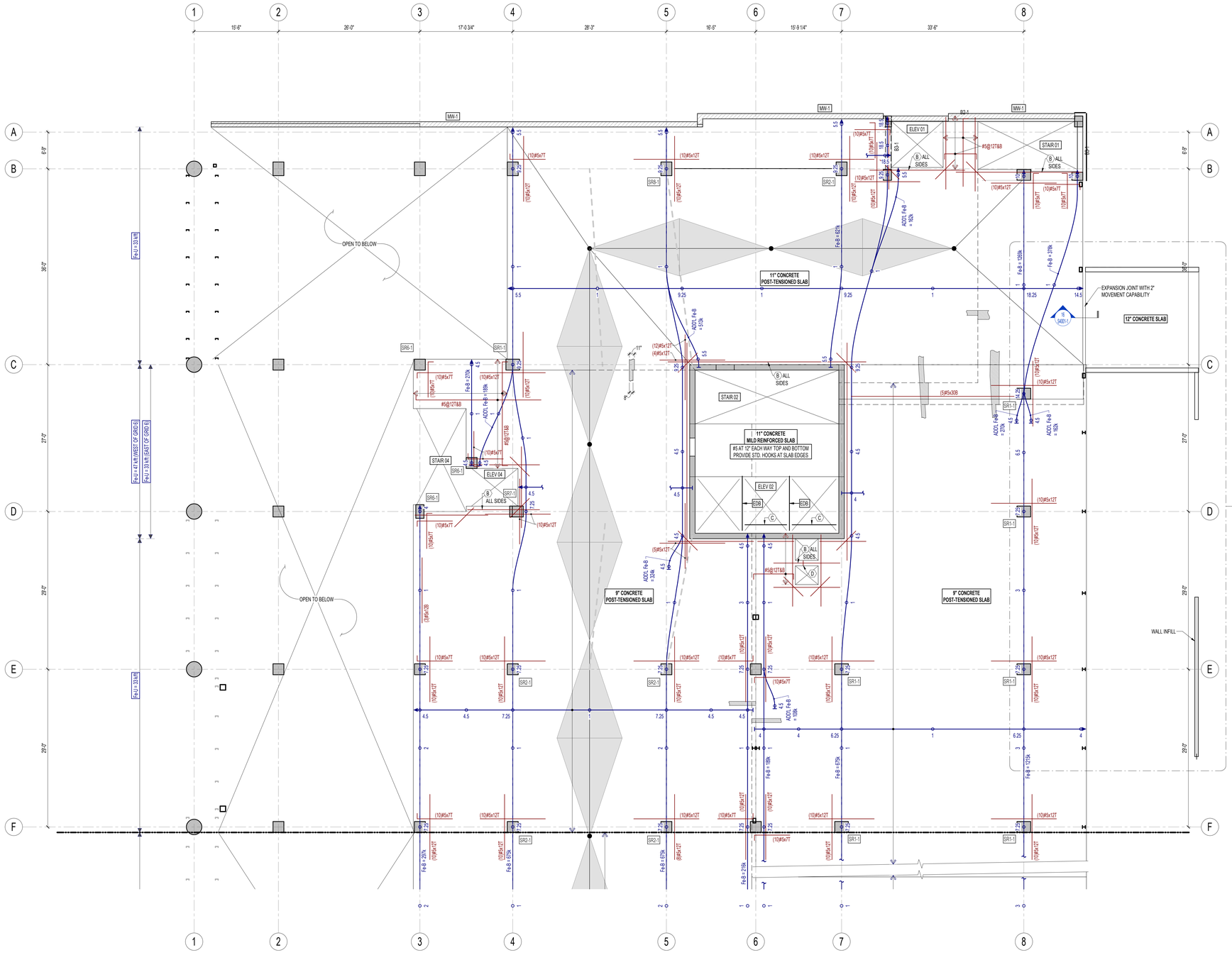

1 S1002-A-1 P2 FLR FRAMING PLAN - ZONE A - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

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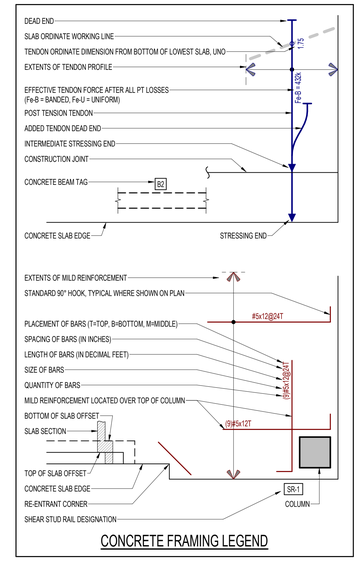
(F) HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.



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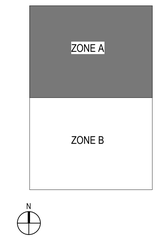

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P2 FLR FRAMING PLAN - ZONE A - PHASE 1

S1002-A-1

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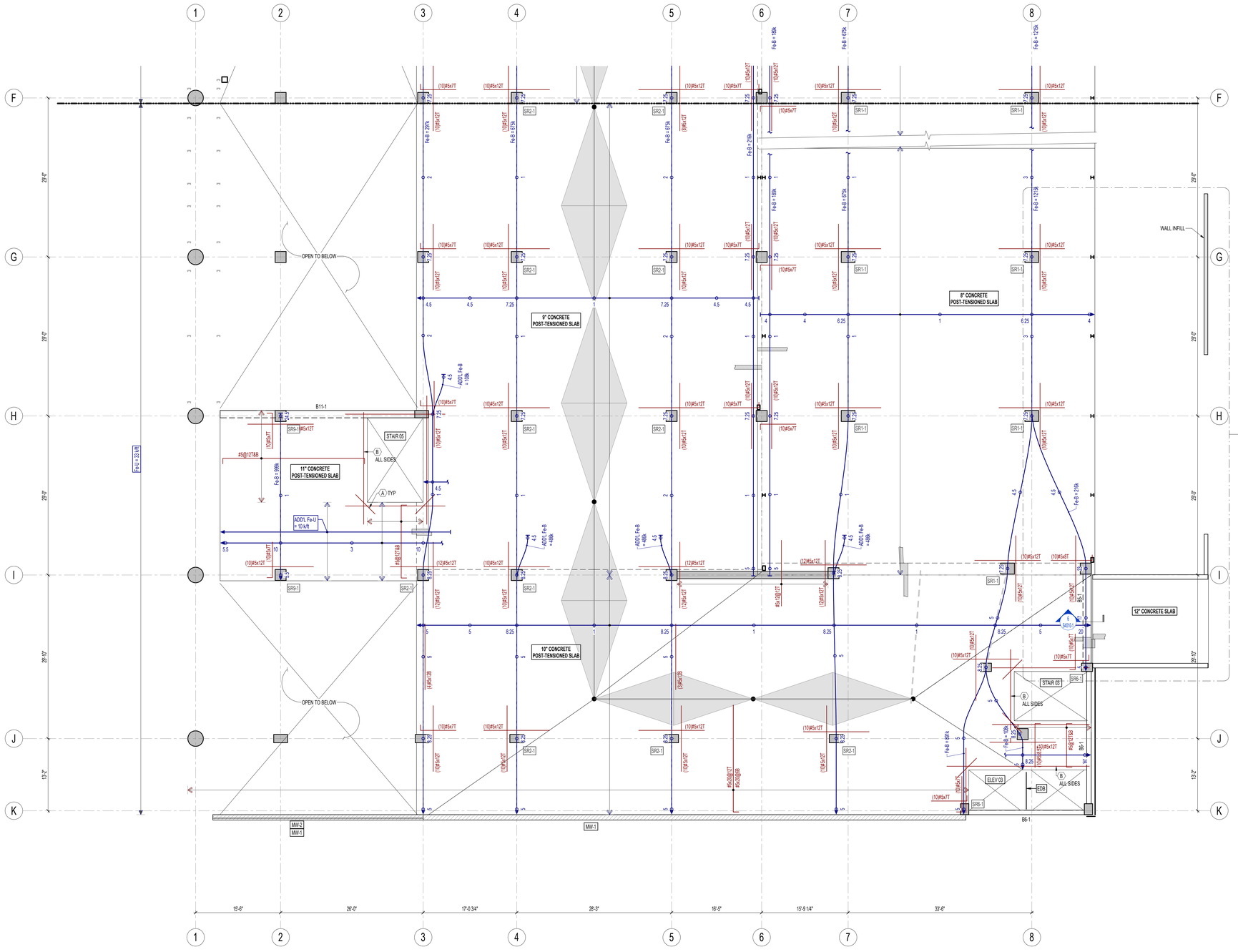

1 S1002-B-1 P2 FLR FRAMING PLAN - ZONE B - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

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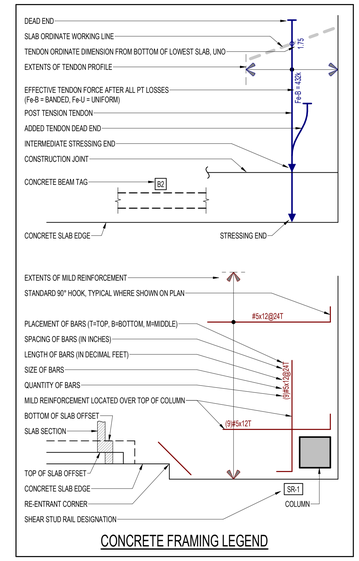

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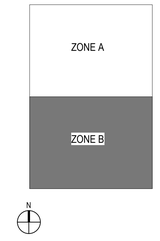

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P2 FLR FRAMING PLAN - ZONE B - PHASE 1

S1002-B-1

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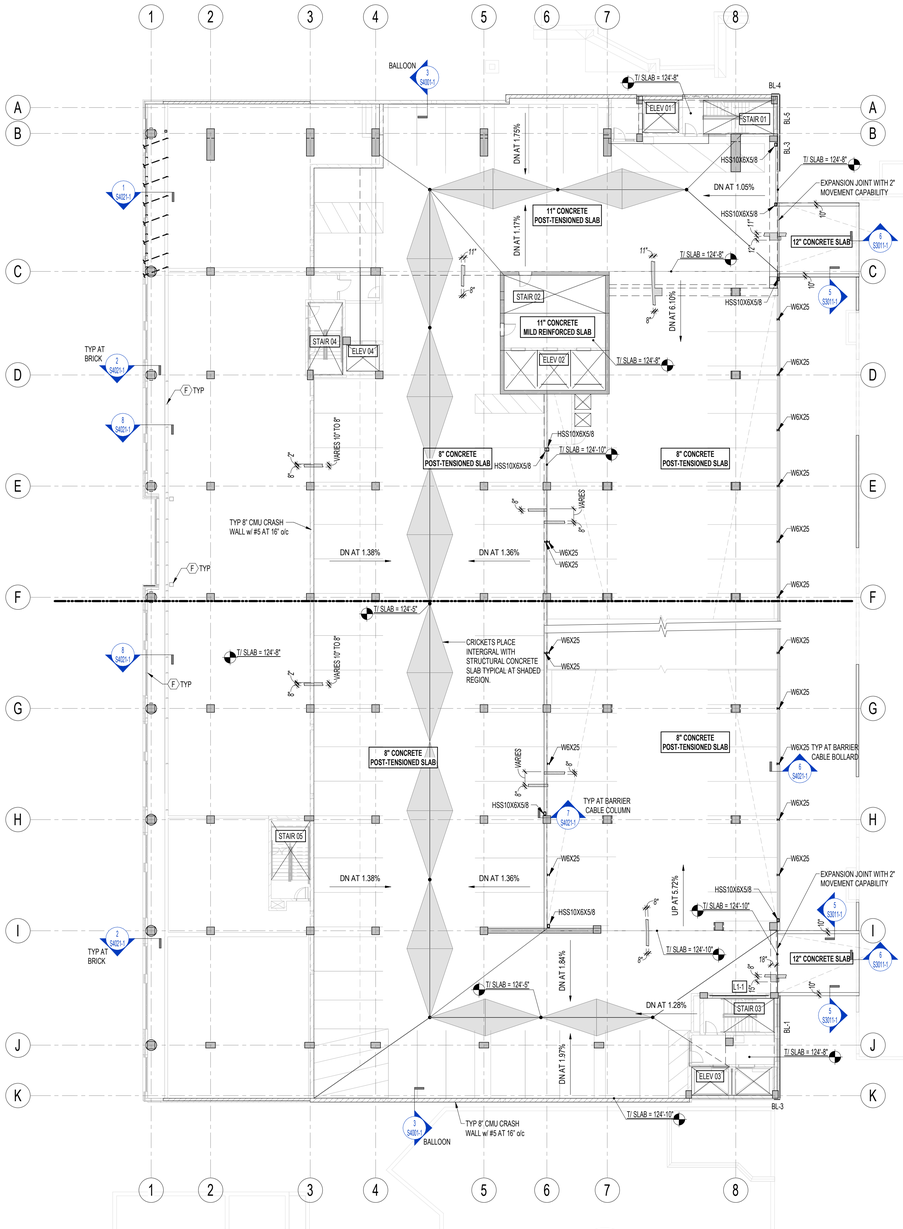

1 S1003-1 P3 FLR FRAMING PLAN - OVERALL - PHASE 1
SCALE: 1/16" = 1'-0"

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TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"
1ST FLR - LAKE ST	100'-0"
P2	114'-0"
P3	124'-8"

P4	134'-8"
P5	144'-8"
P6	154'-8"
7TH FLR	167'-0"

1. REFER TO S000x-1 SERIES FOR GENERAL STRUCTURAL NOTES, INCLUDING COMPONENT DESIGN CRITERIA.
2. REFER TO S200x-1 SERIES FOR CONCRETE COLUMN SCHEDULE.
3. REFER TO S201x-1 SERIES FOR CONCRETE SHEAR WALL ELEVATIONS.
4. REFER TO S400x-1 SERIES FOR CONCRETE SCHEDULES AND DETAILS NOT CUT ON PLAN.
5. REFER TO 1/S4001-1 FOR REINFORCEMENT AT SLAB OPENINGS, UNO.
6. REFER TO ARCHITECTURAL, CIVIL, AND LANDSCAPE DRAWINGS FOR ALL EXTERIOR SITE CONCRETE INCLUDING PLANTERS, STAIRS, AND RAMPS.
7. REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY WALL LOCATIONS, UNLESS NOTED OTHERWISE. PROVIDE MASONRY WALL REINFORCING PER MASONRY WALL SCHEDULES, UNLESS NOTED OTHERWISE.
8. SLAB TENDON AND REBAR PLACEMENT NOTES:
   a. REFER TO 6/S4001-1 FOR TYPICAL SLAB TOP REBAR PLACEMENT AT COLUMNS.
   b. BOTTOM BARS BETWEEN COLUMNS SHALL BE CENTERED AT MID-SPAN.
   c. HOOKED BARS SHOWN PERPENDICULAR TO SLAB EDGES, OPENINGS, OR WALLS SHALL BE PROVIDED ALONG ENTIRE LENGTH.
   d. BANDED TENDON GROUPS SHALL BE CENTERED OVER COLUMNS TO THE GREATEST EXTENT POSSIBLE.
   e. TENDON ANCHORS AT SLAB EDGES SHALL BE LOCATED AT SLAB MID-DEPTH, UNO.
   f. ALL PT ORDINATES ARE REFERENCED FROM BOTTOM OF LOWEST SLAB, UNO.
9. REFER TO DELEGATED DESIGN NOTES ON S0002 FOR STAIR CONSTRUCTION.
10. "EDB" INDICATES HSS8X4X3/8 (LSV) ELEVATOR DIVIDER BEAM, UNO. PROVIDE EMBED EACH END PER 8/S4001-1. GC TO COORDINATE BEAM SIZE, LOCATION, AND ADDITIONAL STEEL REQUIREMENTS w/ ELEVATOR SUPPLIER.
11. PROVIDE CONCRETE WASH PER 4/S4001-1 AT ALL PARKING SLABS.
12. SLOPE TOP AND BOTTOM OF PARKING SLABS FOR DRAINAGE (SLABS TO BE CONSTANT THICKNESS EXCEPT WHERE CRICKETS ARE SHOWN).
13. AT PARKING AND EXTERIOR EXPOSED SLABS, ALL MILD STEEL SHALL BE EPOXY COATED (INCLUDING CARRY BARS, BACKUP BARS, AND HARPINS). SHEAR STUD RAILS SHALL BE GALVANIZED. SLAB SHALL RECEIVE A SILANE SEALER; REFER TO ARCHITECTURAL SPECIFICATIONS.
14. REFER TO PLAN FOR BUILD-UP w/ TOPPING SLAB ON GEOFOAM OR LIGHTWEIGHT RIGID FILL TO ACHIEVE ARCHITECTURAL FINISH FLOOR ELEVATION. PROVIDE CONCRETE TOPPING AS INDICATED ON PLAN. PROVIDE CONTROL JOINTS IN TOPPING SLAB AT ±10'-0" o/c; REFER TO ARCHITECTURAL FOR SPECIAL LAYOUTS. EDGES OF BUILD-UP TO RECEIVE CURB PER 10/S4001-1, UNO.

CONCRETE FRAMING PLAN KEYED NOTES - PHASE 1

(A) PROVIDE DIAGONAL BARS AT ALL RE-ENTRANT CORNERS:
SLABS UP TO 13" THICK: (2) #5 x 5'-0" TOP AND BOTTOM
SLABS UP TO 22" THICK: (2) #7 x 7'-6" TOP AND BOTTOM

(B) TOP AND BOTTOM BARS ALONG ENTIRE LENGTH OF WALL OR OPENING PLUS 4'-0" EACH END WHERE POSSIBLE:
SLABS UP TO 13" THICK: (6) #5 (1/2 TOP AND 1/2 BOTTOM)
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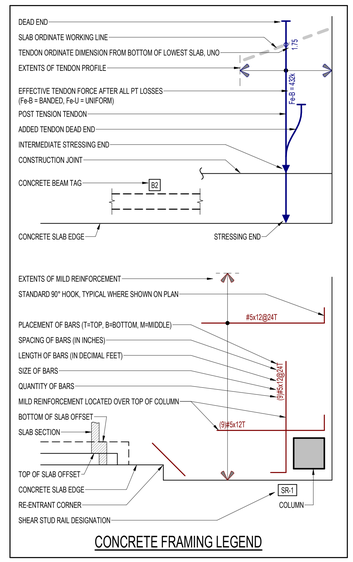
(C) ADDITIONAL HSS8X4X3/8 (LSV) BEAMS REQUIRED AT REAR OF ELEVATORS. BEAM SIZE TO BE VERIFIED. GC TO COORDINATE LOCATION AND ADDITIONAL REQUIREMENTS WITH ELEVATOR PROVIDER. PROVIDE EMBED PER 8/S4001-1. PROVIDE STEEL CONNECTIONS PER 2/S4021-1.

(D) #3 STIRRUPS AT 12" o/c, FULL LENGTH OF OPENING.

(E) W12X58 ELEVATOR HOIST BEAM. VERIFY LOCATION AND ORIENTATION OVER ELEVATOR SHAFT w/ ELEVATOR SUPPLIER. COORDINATE BOTTOM OF BEAM w/ ELEVATOR CLEARANCE REQUIREMENTS. BEAM HAS BEEN DESIGNED FOR A 15,000 LB POINT LOAD.

(F) HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.



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PE Project: 22019

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

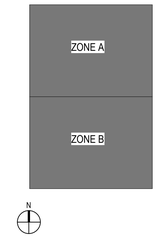
415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P3 FLR FRAMING PLAN - OVERALL - PHASE 1

S1003-1

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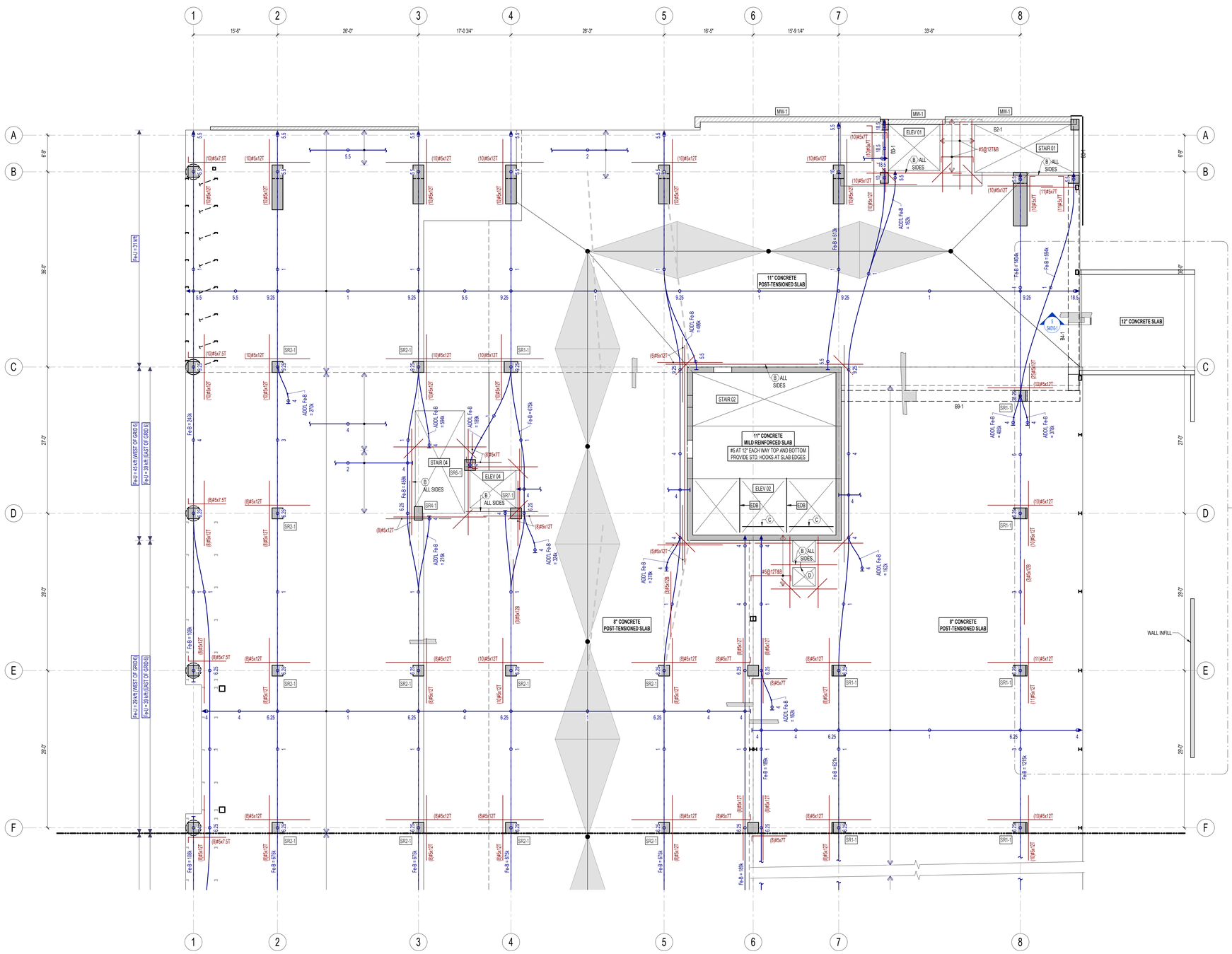

1 S1003-A-1 P3 FLR FRAMING PLAN - ZONE A - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"
1ST FLR - LAKE ST	100'-0"
P2	114'-0"
P3	124'-8"

P4	134'-8"
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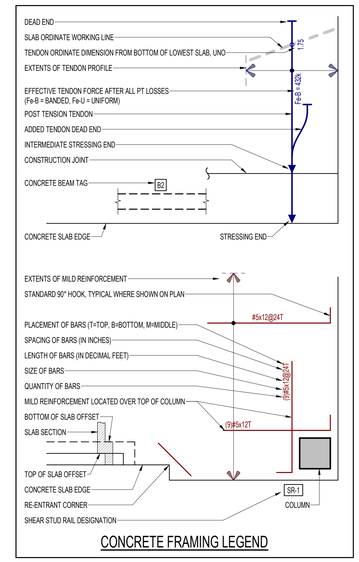
(F) HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.



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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

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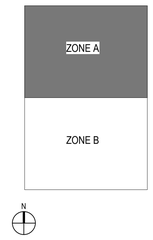

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P3 FLR FRAMING PLAN - ZONE A - PHASE 1

S1003-A-1

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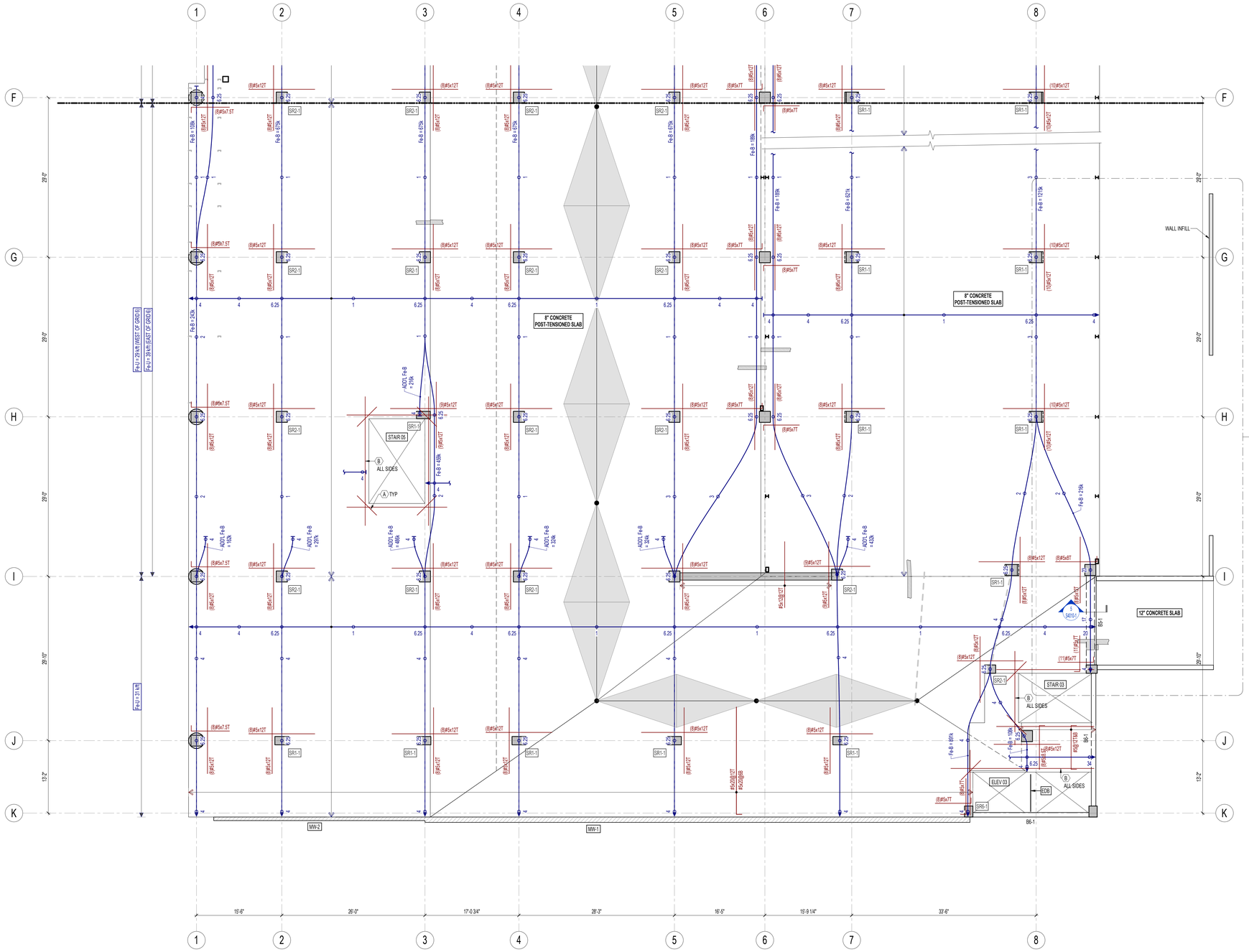

1 S1003-B-1 P3 FLR FRAMING PLAN - ZONE B - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"
1ST FLR - LAKE ST	100'-0"
P2	114'-0"
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P4	134'-8"
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   f. ALL PT ORDINATES ARE REFERENCED FROM BOTTOM OF LOWEST SLAB, UNO.
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12. SLOPE TOP AND BOTTOM OF PARKING SLABS FOR DRAINAGE (SLABS TO BE CONSTANT THICKNESS EXCEPT WHERE CRICKETS ARE SHOWN).
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CONCRETE FRAMING PLAN KEYED NOTES - PHASE 1

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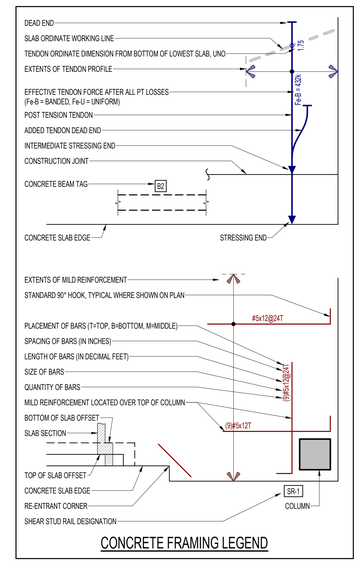
(F) HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.



CONCRETE FRAMING LEGEND

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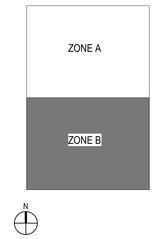

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P3 FLR FRAMING PLAN - ZONE B - PHASE 1

S1003-B-1

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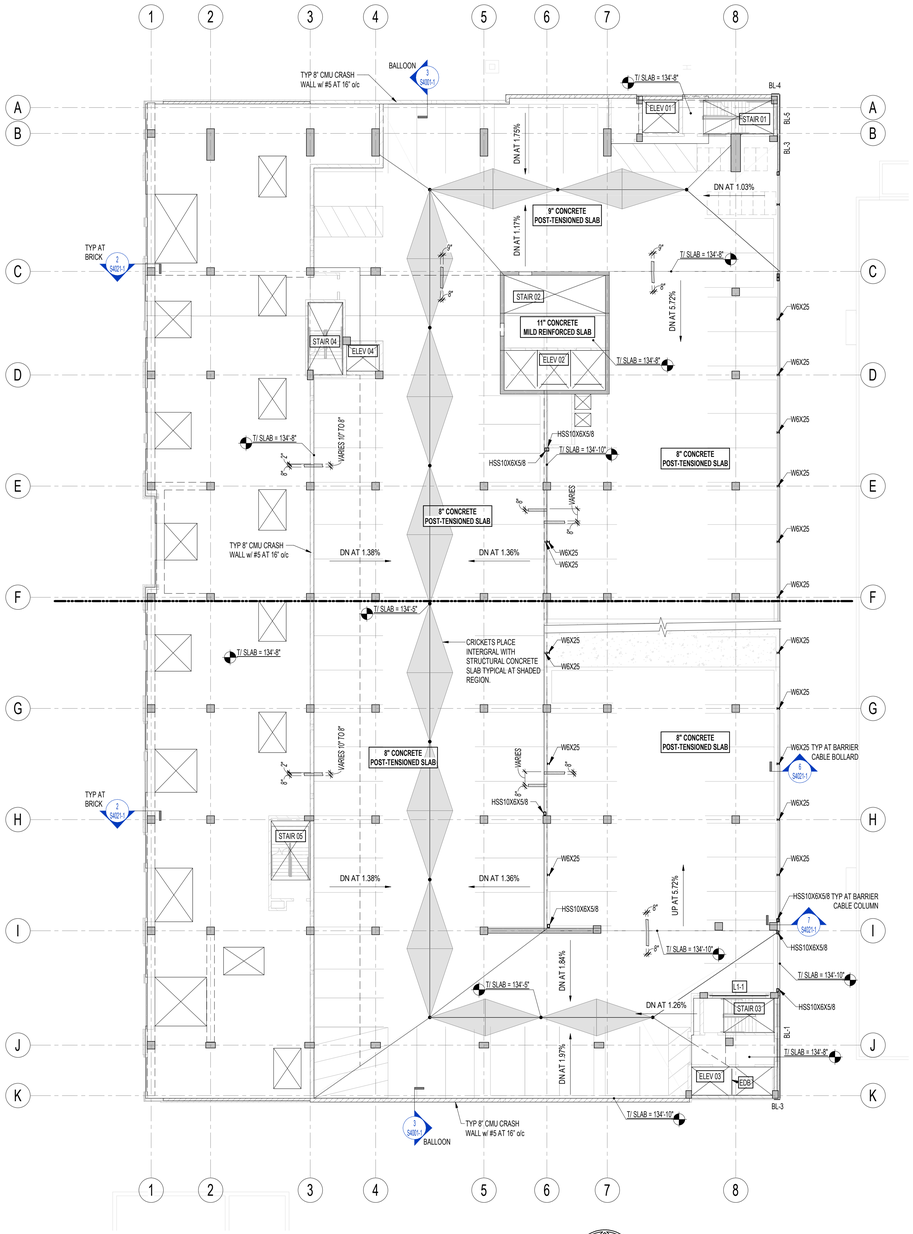

1 S1004-1 P4 FLR FRAMING PLAN - OVERALL - PHASE 1
SCALE: 1/16" = 1'-0"

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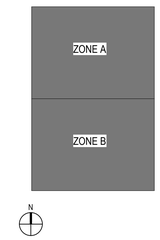

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P4 FLR FRAMING PLAN - OVERALL - PHASE 1

S1004-1

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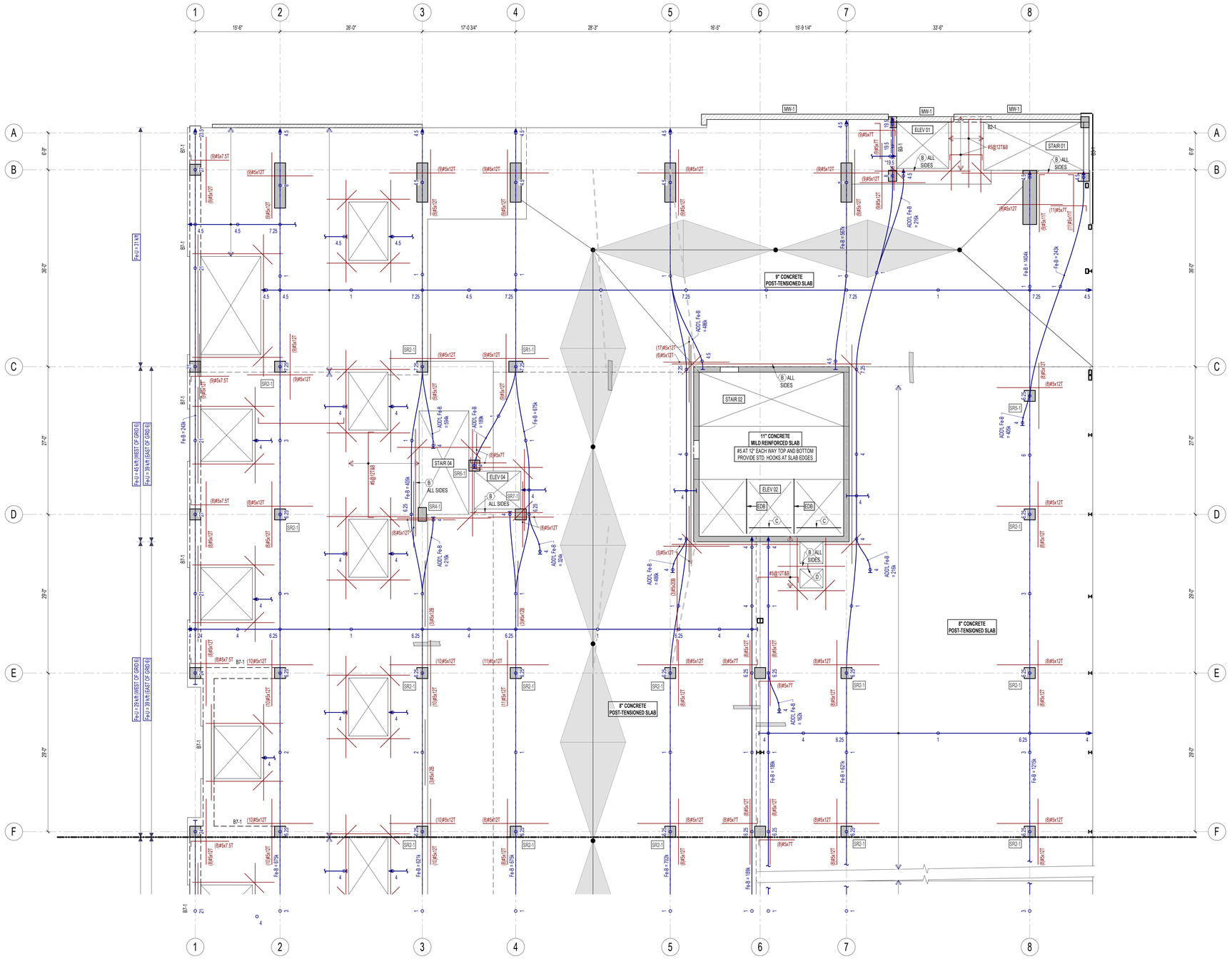

1 P4 FLR FRAMING PLAN - ZONE A - PHASE 1
S1004-A-1 SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"	P4	134'-8"
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CONCRETE FRAMING PLAN KEYED NOTES - PHASE 1

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SLABS UP TO 13" THICK: (2) #5 x 5'-0" TOP AND BOTTOM
SLABS UP TO 22" THICK: (2) #7 x 7'-6" TOP AND BOTTOM

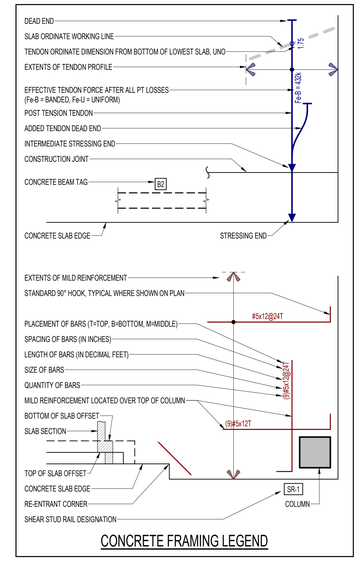
(B) TOP AND BOTTOM BARS ALONG ENTIRE LENGTH OF WALL OR OPENING PLUS 4'-0" EACH END WHERE POSSIBLE
SLABS UP TO 13" THICK: (6) #5 (1/2 TOP AND 1/2 BOTTOM)
SLABS UP TO 22" THICK: (6) #7 (1/2 TOP AND 1/2 BOTTOM)

(C) ADDITIONAL HSS8X4X3/8 (LSV) BEAMS REQUIRED AT REAR OF ELEVATORS. BEAM SIZE TO BE VERIFIED. GC TO COORDINATE LOCATION AND ADDITIONAL REQUIREMENTS WITH ELEVATOR PROVIDER. PROVIDE EMBED PER 8/S4001-1. PROVIDE STEEL CONNECTIONS PER 2/S4021-1.

(D) #3 STIRRUPS AT 12" o/c, FULL LENGTH OF OPENING.

(E) W12X58 ELEVATOR HOIST BEAM. VERIFY LOCATION AND ORIENTATION OVER ELEVATOR SHAFT w/ ELEVATOR SUPPLIER. COORDINATE BOTTOM OF BEAM w/ ELEVATOR CLEARANCE REQUIREMENTS. BEAM HAS BEEN DESIGNED FOR A 15,000 LB POINT LOAD.

(F) HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.



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PE Project: 22019

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

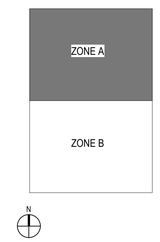
415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P4 FLR FRAMING PLAN - ZONE A - PHASE 1

S1004-A-1

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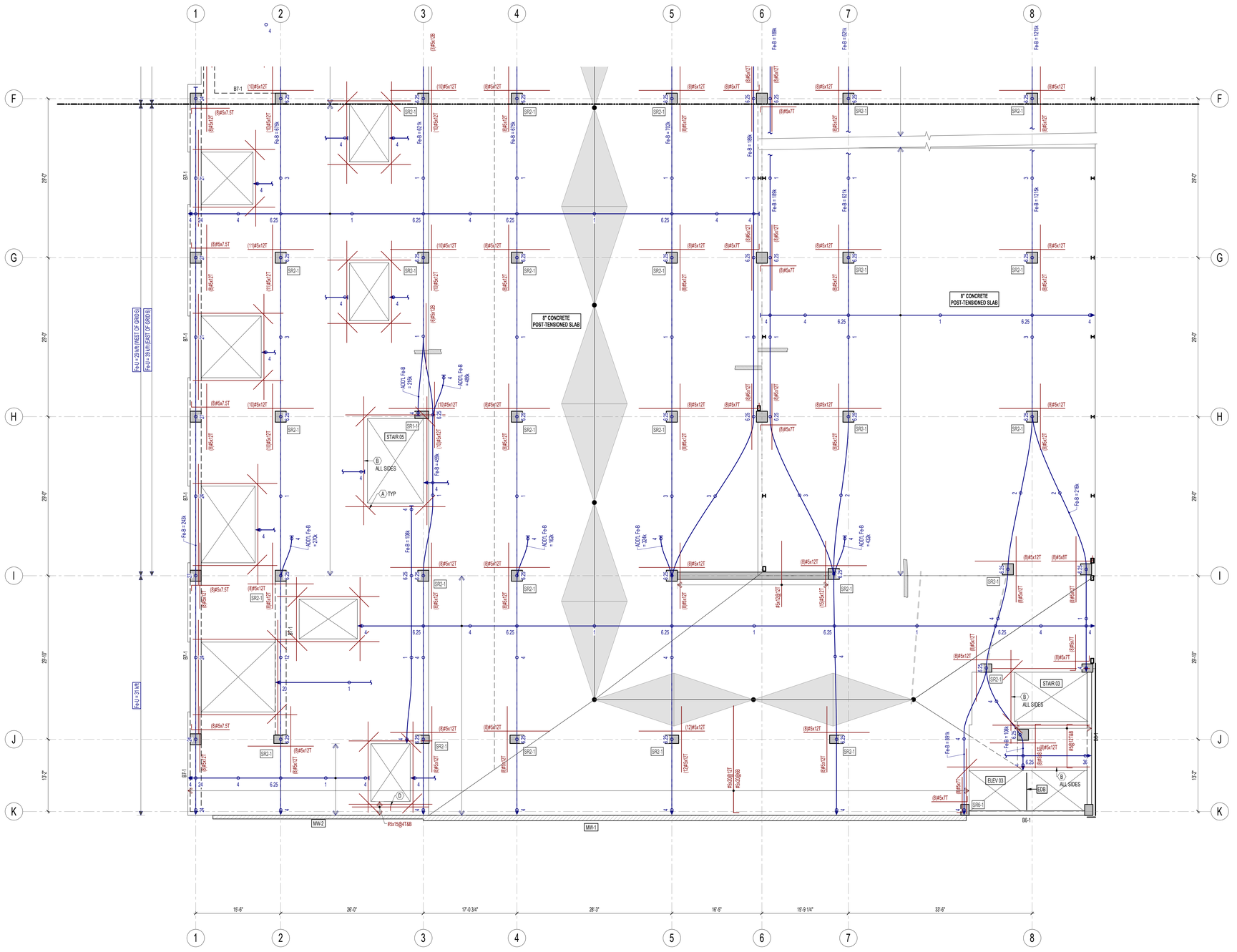

1 / S1004-B-1 P4 FLR FRAMING PLAN - ZONE B - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"
1ST FLR - LAKE ST	100'-0"
P2	114'-0"
P3	124'-8"
P4	134'-8"
P5	144'-8"
P6	154'-8"
7TH FLR	167'-0"

1. REFER TO S000x-1 SERIES FOR GENERAL STRUCTURAL NOTES, INCLUDING COMPONENT DESIGN CRITERIA.
2. REFER TO S200x-1 SERIES FOR CONCRETE COLUMN SCHEDULE.
3. REFER TO S201x-1 SERIES FOR CONCRETE SHEAR WALL ELEVATIONS.
4. REFER TO S400x-1 SERIES FOR CONCRETE SCHEDULES AND DETAILS NOT CUT ON PLAN.
5. REFER TO 1/S4001-1 FOR REINFORCEMENT AT SLAB OPENINGS, UNO.
6. REFER TO ARCHITECTURAL, CIVIL, AND LANDSCAPE DRAWINGS FOR ALL EXTERIOR SITE CONCRETE INCLUDING PLANTERS, STAIRS, AND RAMPS.
7. REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY WALL LOCATIONS, UNLESS NOTED OTHERWISE. PROVIDE MASONRY WALL REINFORCING PER MASONRY WALL SCHEDULES, UNLESS NOTED OTHERWISE.
8. SLAB TENDON AND REBAR PLACEMENT NOTES:
   a. REFER TO 6/S4001-1 FOR TYPICAL SLAB TOP REBAR PLACEMENT AT COLUMNS.
   b. BOTTOM BARS BETWEEN COLUMNS SHALL BE CENTERED AT MID-SPAN.
   c. HOOKED BARS SHOWN PERPENDICULAR TO SLAB EDGES, OPENINGS, OR WALLS SHALL BE PROVIDED ALONG ENTIRE LENGTH.
   d. BANDED TENDON GROUPS SHALL BE CENTERED OVER COLUMNS TO THE GREATEST EXTENT POSSIBLE.
   e. TENDON ANCHORS AT SLAB EDGES SHALL BE LOCATED AT SLAB MID-DEPTH, UNO.
   f. ALL PT ORDINATES ARE REFERENCED FROM BOTTOM OF LOWEST SLAB, UNO.
9. REFER TO DELEGATED DESIGN NOTES ON S0002 FOR STAIR CONSTRUCTION.
10. "EDB" INDICATES HSS8X4X3/8 (LSV) ELEVATOR DIVIDER BEAM, UNO. PROVIDE EMBED EACH END PER 8/S4001-1. GC TO COORDINATE BEAM SIZE, LOCATION, AND ADDITIONAL STEEL REQUIREMENTS w/ ELEVATOR SUPPLIER.
11. PROVIDE CONCRETE WASH PER 4/S4001-1 AT ALL PARKING SLABS.
12. SLOPE TOP AND BOTTOM OF PARKING SLABS FOR DRAINAGE (SLABS TO BE CONSTANT THICKNESS EXCEPT WHERE CRICKETS ARE SHOWN).
13. AT PARKING AND EXTERIOR EXPOSED SLABS, ALL MILD STEEL SHALL BE EPOXY COATED (INCLUDING CARRY BARS, BACKUP BARS, AND HAIRPINS). SHEAR STUD RAILS SHALL BE GALVANIZED. SLAB SHALL RECEIVE A SILANE SEALER; REFER TO ARCHITECTURAL SPECIFICATIONS.
14. REFER TO PLAN FOR BUILD-UP w/ TOPPING SLAB ON GEOFOAM OR LIGHTWEIGHT RIGID FILL TO ACHIEVE ARCHITECTURAL FINISH FLOOR ELEVATION. PROVIDE CONCRETE TOPPING AS INDICATED ON PLAN. PROVIDE CONTROL JOINTS IN TOPPING SLAB AT ±10'-0" o/c; REFER TO ARCHITECTURAL FOR SPECIAL LAYOUTS. EDGES OF BUILD-UP TO RECEIVE CURB PER 10/S4001-1, UNO.

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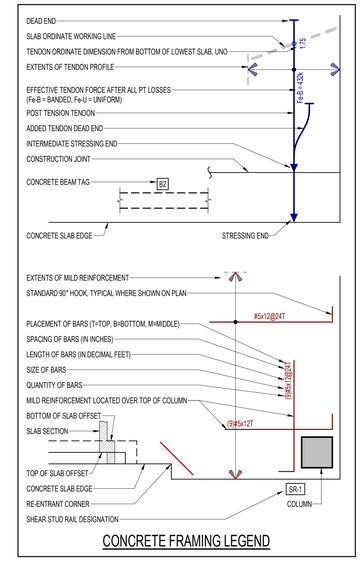

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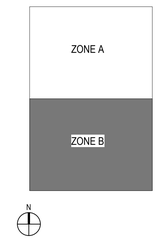

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P4 FLR FRAMING PLAN - ZONE B - PHASE 1

S1004-B-1

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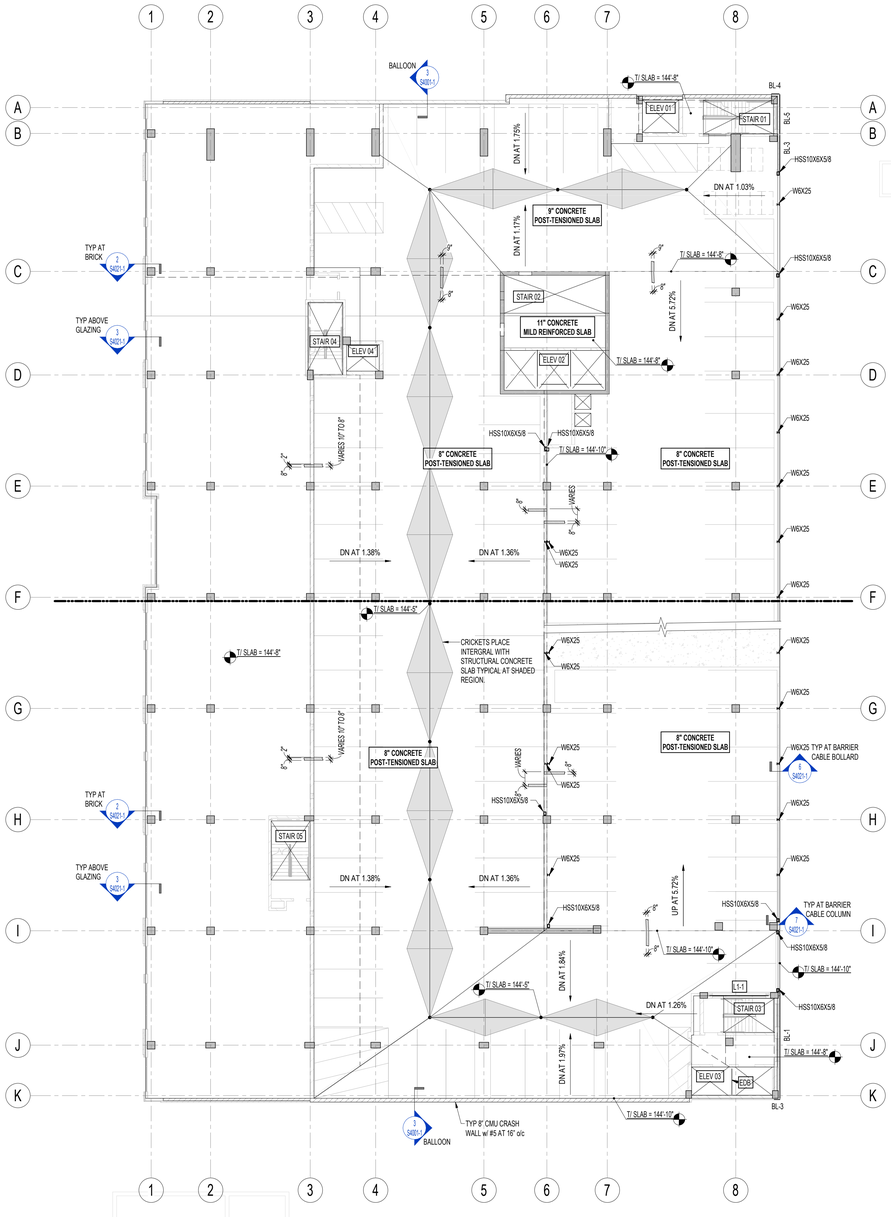

1 S1005-1 P5 FLR FRAMING PLAN - OVERALL - PHASE 1
SCALE: 1/16" = 1'-0"

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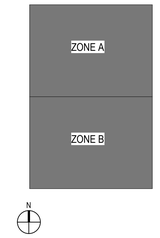

SHEET INFORMATION

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P5 FLR FRAMING PLAN - OVERALL - PHASE 1

S1005-1

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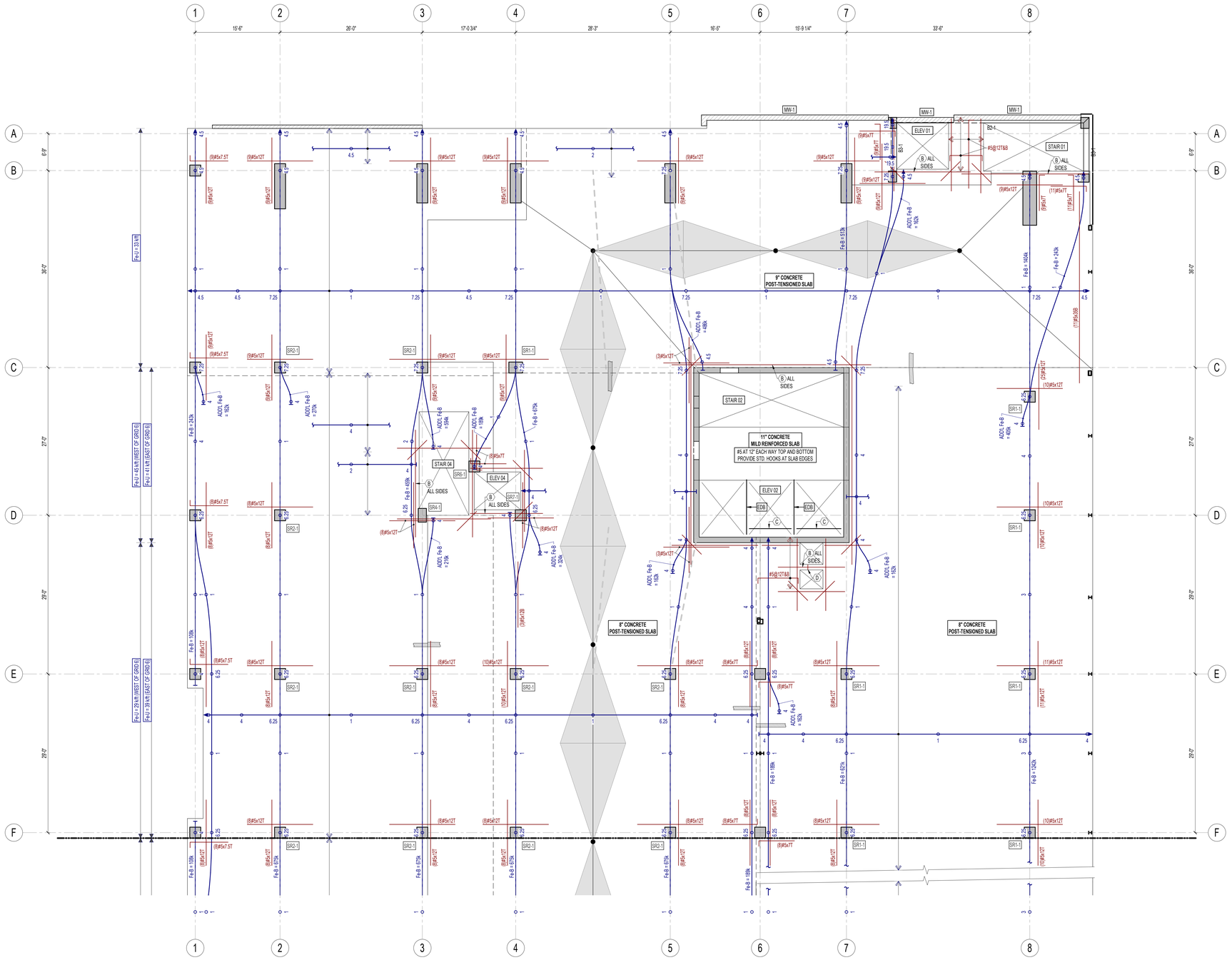

1 / S1005-A-1 P5 FLR FRAMING PLAN - ZONE A - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

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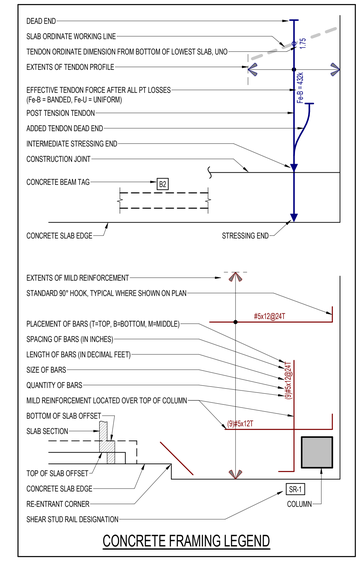

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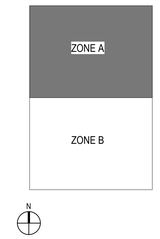

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P5 FLR FRAMING PLAN - ZONE A - PHASE 1

S1005-A-1

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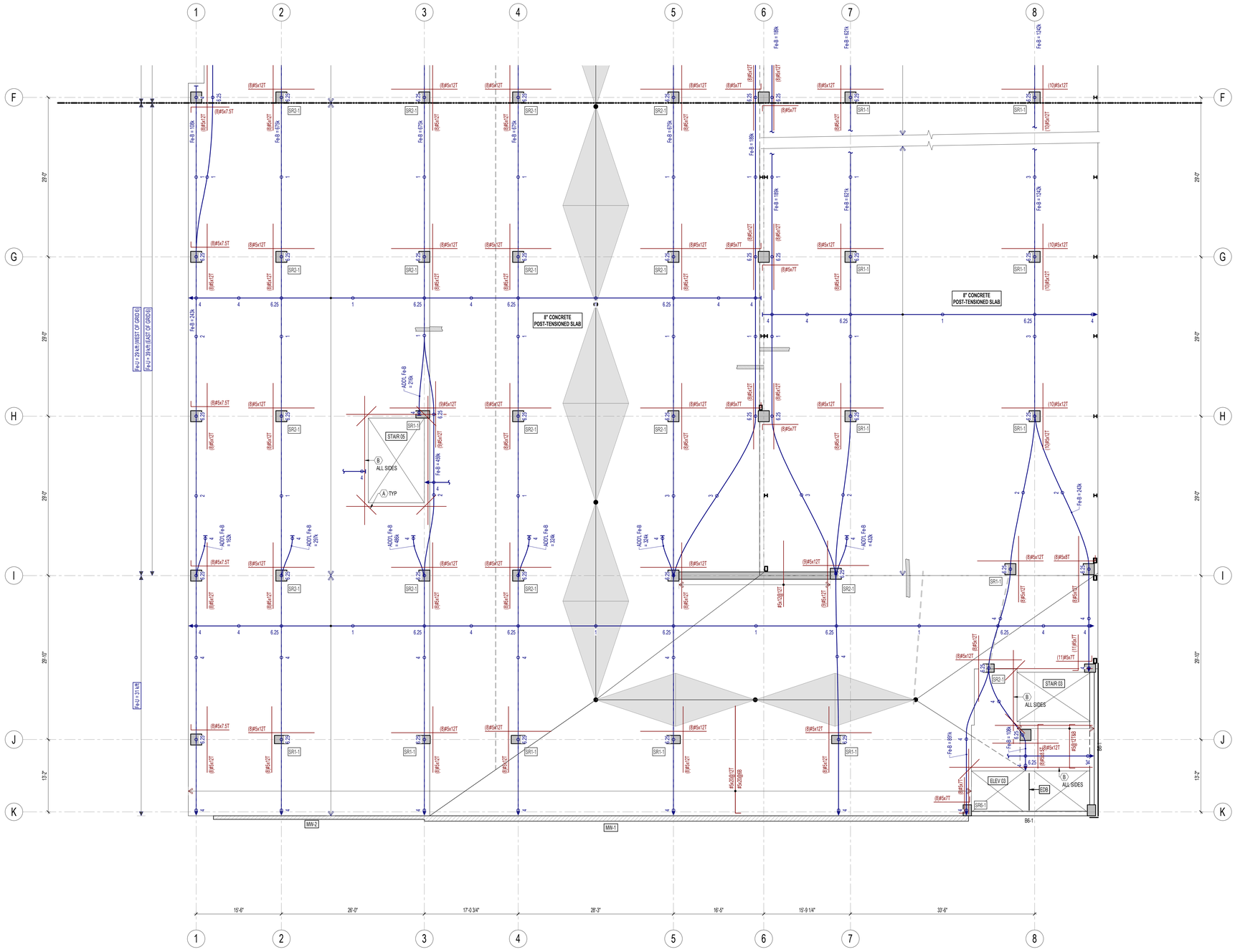

1 S1005-B-1 P5 FLR FRAMING PLAN - ZONE B - PHASE 1
SCALE: 1/8" = 1'-0"

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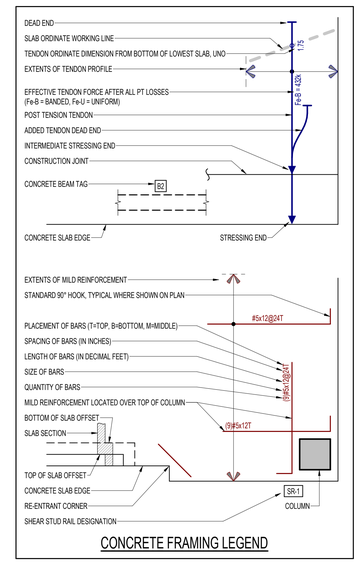

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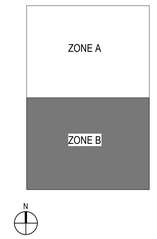

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P5 FLR FRAMING PLAN - ZONE B - PHASE 1

S1005-B-1

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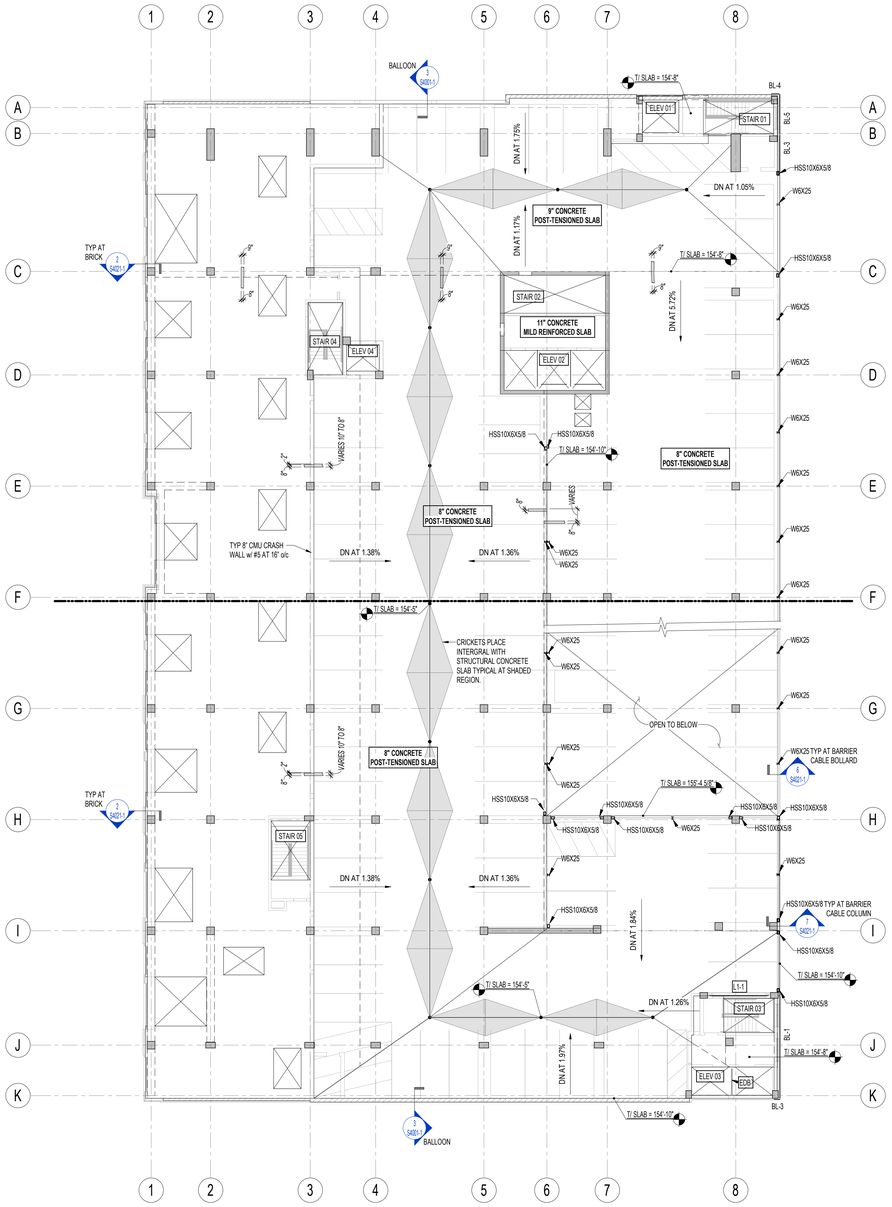

1 S1006-1 P6 FLR FRAMING PLAN - OVERALL - PHASE 1
SCALE: 1/16" = 1'-0"

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PE Project: 22019

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

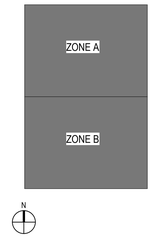
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P6 FLR FRAMING PLAN - OVERALL - PHASE 1

S1006-1

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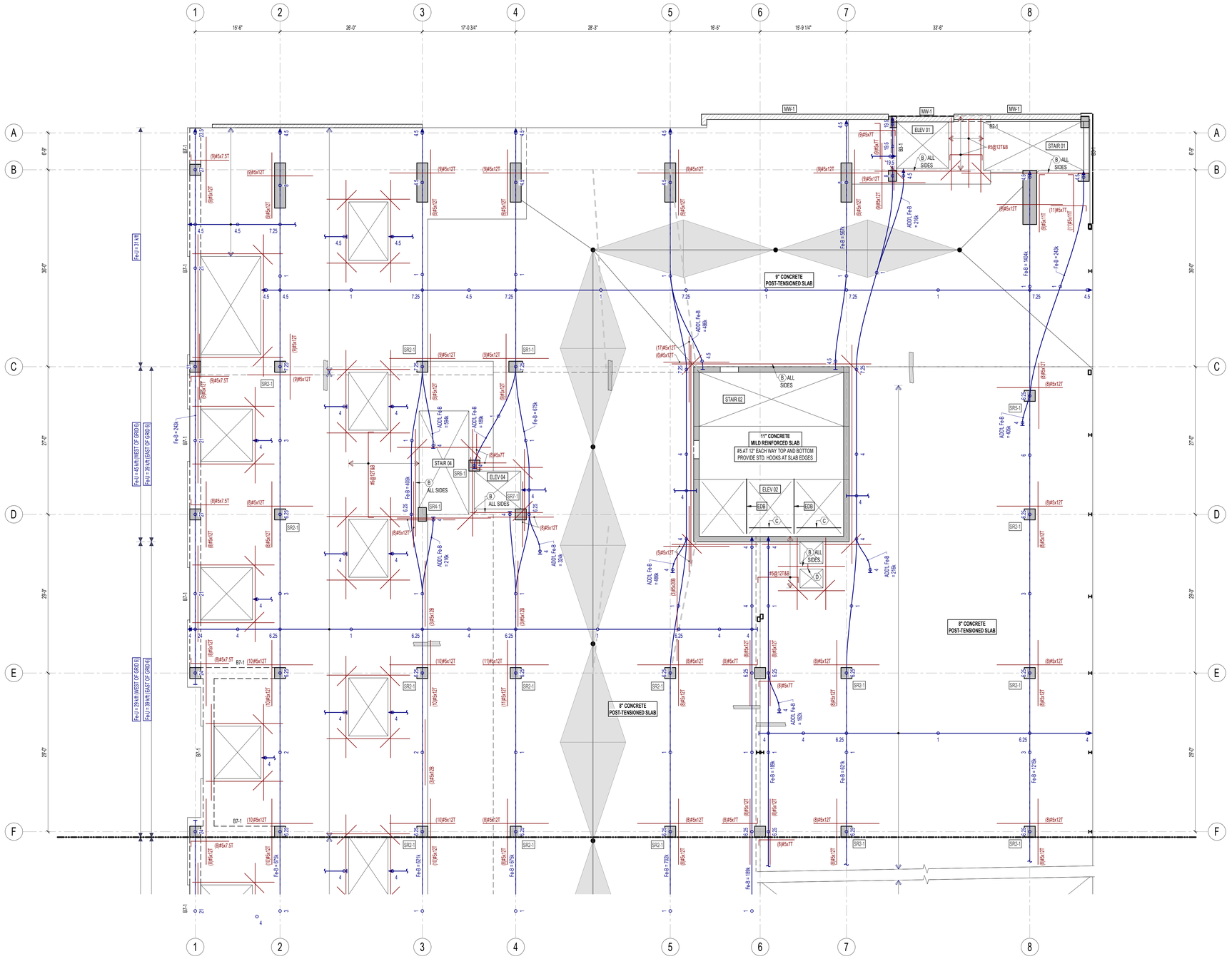

1 P6 FLR FRAMING PLAN - ZONE A - PHASE 1
S1006-A-1 SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"	P4	134'-8"
1ST FLR - LAKE ST	100'-0"	P5	144'-8"
P2	114'-0"	P6	154'-8"
P3	124'-8"	7TH FLR	167'-0"

1. REFER TO S000x-1 SERIES FOR GENERAL STRUCTURAL NOTES, INCLUDING COMPONENT DESIGN CRITERIA.
2. REFER TO S200x-1 SERIES FOR CONCRETE COLUMN SCHEDULE.
3. REFER TO S201x-1 SERIES FOR CONCRETE SHEAR WALL ELEVATIONS.
4. REFER TO S400x-1 SERIES FOR CONCRETE SCHEDULES AND DETAILS NOT CUT ON PLAN.
5. REFER TO 1/S4001-1 FOR REINFORCEMENT AT SLAB OPENINGS, UNO.
6. REFER TO ARCHITECTURAL, CIVIL, AND LANDSCAPE DRAWINGS FOR ALL EXTERIOR SITE CONCRETE INCLUDING PLANTERS, STAIRS, AND RAMPS.
7. REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY WALL LOCATIONS, UNLESS NOTED OTHERWISE. PROVIDE MASONRY WALL REINFORCING PER MASONRY WALL SCHEDULES, UNLESS NOTED OTHERWISE.
8. SLAB TENDON AND REBAR PLACEMENT NOTES:
   a. REFER TO 6/S4001-1 FOR TYPICAL SLAB TOP REBAR PLACEMENT AT COLUMNS.
   b. BOTTOM BARS BETWEEN COLUMNS SHALL BE CENTERED AT MID-SPAN.
   c. HOOKED BARS SHOWN PERPENDICULAR TO SLAB EDGES, OPENINGS, OR WALLS SHALL BE PROVIDED ALONG ENTIRE LENGTH.
   d. BANDED TENDON GROUPS SHALL BE CENTERED OVER COLUMNS TO THE GREATEST EXTENT POSSIBLE.
   e. TENDON ANCHORS AT SLAB EDGES SHALL BE LOCATED AT SLAB MID-DEPTH, UNO.
   f. ALL PT ORDINATES ARE REFERENCED FROM BOTTOM OF LOWEST SLAB, UNO.
9. REFER TO DELEGATED DESIGN NOTES ON S0002 FOR STAIR CONSTRUCTION.
10. "EDB" INDICATES HSS8X4X3/8 (LSV) ELEVATOR DIVIDER BEAM, UNO. PROVIDE EMBED EACH END PER 8/S4001-1. GC TO COORDINATE BEAM SIZE, LOCATION, AND ADDITIONAL STEEL REQUIREMENTS w/ ELEVATOR SUPPLIER.
11. PROVIDE CONCRETE WASH PER 4/S4001-1 AT ALL PARKING SLABS.
12. SLOPE TOP AND BOTTOM OF PARKING SLABS FOR DRAINAGE (SLABS TO BE CONSTANT THICKNESS EXCEPT WHERE CRICKETS ARE SHOWN).
13. AT PARKING AND EXTERIOR EXPOSED SLABS, ALL MILD STEEL SHALL BE EPOXY COATED (INCLUDING CARRY BARS, BACKUP BARS, AND HARPING). SHEAR STUD RAILS SHALL BE GALVANIZED. SLAB SHALL RECEIVE A SILANE SEALER; REFER TO ARCHITECTURAL SPECIFICATIONS.
14. REFER TO PLAN FOR BUILD-UP w/ TOPPING SLAB ON GEOFOAM OR LIGHTWEIGHT RIGID FILL TO ACHIEVE ARCHITECTURAL FINISH FLOOR ELEVATION. PROVIDE CONCRETE TOPPING AS INDICATED ON PLAN. PROVIDE CONTROL JOINTS IN TOPPING SLAB AT +10'-0" o/c; REFER TO ARCHITECTURAL FOR SPECIAL LAYOUTS. EDGES OF BUILD-UP TO RECEIVE CURB PER 10/S4001-1, UNO.

CONCRETE FRAMING PLAN KEYED NOTES - PHASE 1

(A) PROVIDE DIAGONAL BARS AT ALL RE-ENTRANT CORNERS:
SLABS UP TO 13" THICK: (2) #5 x 5'-0" TOP AND BOTTOM
SLABS UP TO 22" THICK: (2) #7 x 7'-6" TOP AND BOTTOM

(B) TOP AND BOTTOM BARS ALONG ENTIRE LENGTH OF WALL OR OPENING PLUS 4'-0" EACH END WHERE POSSIBLE:
SLABS UP TO 13" THICK: (6) #5 (1/2 TOP AND 1/2 BOTTOM)
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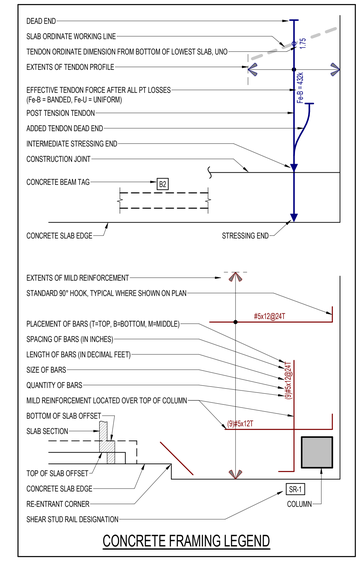
(C) ADDITIONAL HSS8X4X3/8 (LSV) BEAMS REQUIRED AT REAR OF ELEVATORS. BEAM SIZE TO BE VERIFIED. GC TO COORDINATE LOCATION AND ADDITIONAL REQUIREMENTS WITH ELEVATOR PROVIDER. PROVIDE EMBED PER 8/S4001-1. PROVIDE STEEL CONNECTIONS PER 2/S4021-1.

(D) #3 STIRRUPS AT 12" o/c, FULL LENGTH OF OPENING.

(E) W12X58 ELEVATOR HOIST BEAM. VERIFY LOCATION AND ORIENTATION OVER ELEVATOR SHAFT w/ ELEVATOR SUPPLIER. COORDINATE BOTTOM OF BEAM w/ ELEVATOR CLEARANCE REQUIREMENTS. BEAM HAS BEEN DESIGNED FOR A 15,000 LB POINT LOAD.

(F) HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.



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CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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DATE	DESCRIPTION
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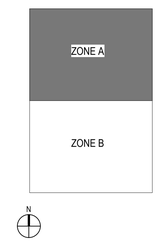
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P6 FLR FRAMING PLAN - ZONE A - PHASE 1

S1006-A-1

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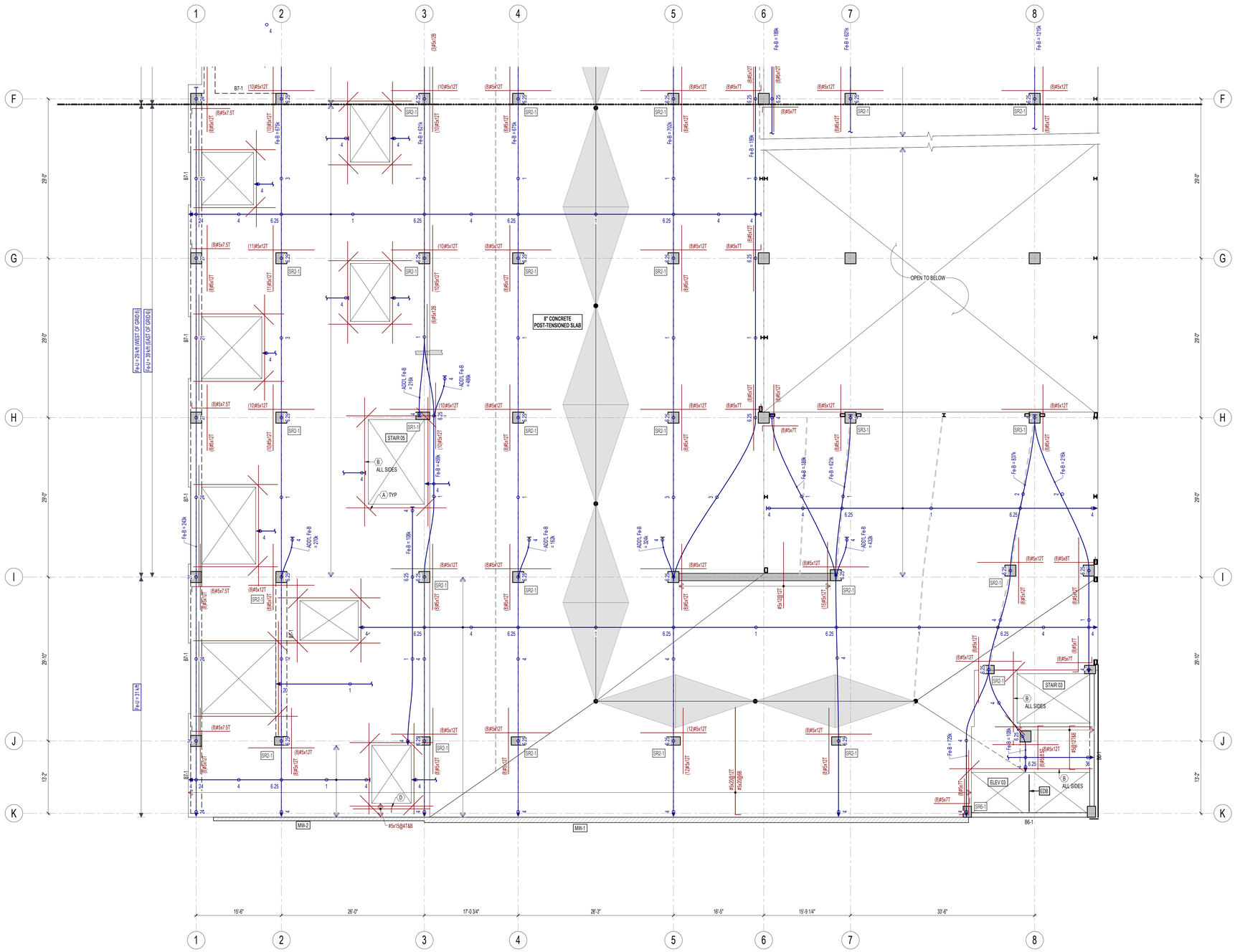

1 / S1006-B-1 P6 FLR FRAMING PLAN - ZONE B - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"
1ST FLR - LAKE ST	100'-0"
P2	114'-0"
P3	124'-8"
P4	134'-8"
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5. REFER TO 1/S4001-1 FOR REINFORCEMENT AT SLAB OPENINGS, UNO.
6. REFER TO ARCHITECTURAL, CIVIL, AND LANDSCAPE DRAWINGS FOR ALL EXTERIOR SITE CONCRETE INCLUDING PLANTERS, STAIRS, AND RAMPS.
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   d. BANDED TENDON GROUPS SHALL BE CENTERED OVER COLUMNS TO THE GREATEST EXTENT POSSIBLE.
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CONCRETE FRAMING PLAN KEYED NOTES - PHASE 1

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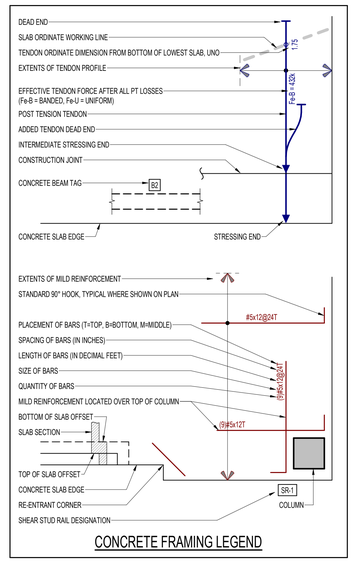
(F) HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.



CONCRETE FRAMING LEGEND

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PROJECT INFORMATION

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CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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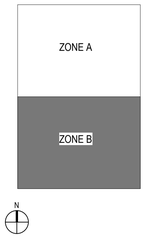

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

P6 FLR FRAMING PLAN - ZONE B - PHASE 1

S1006-B-1

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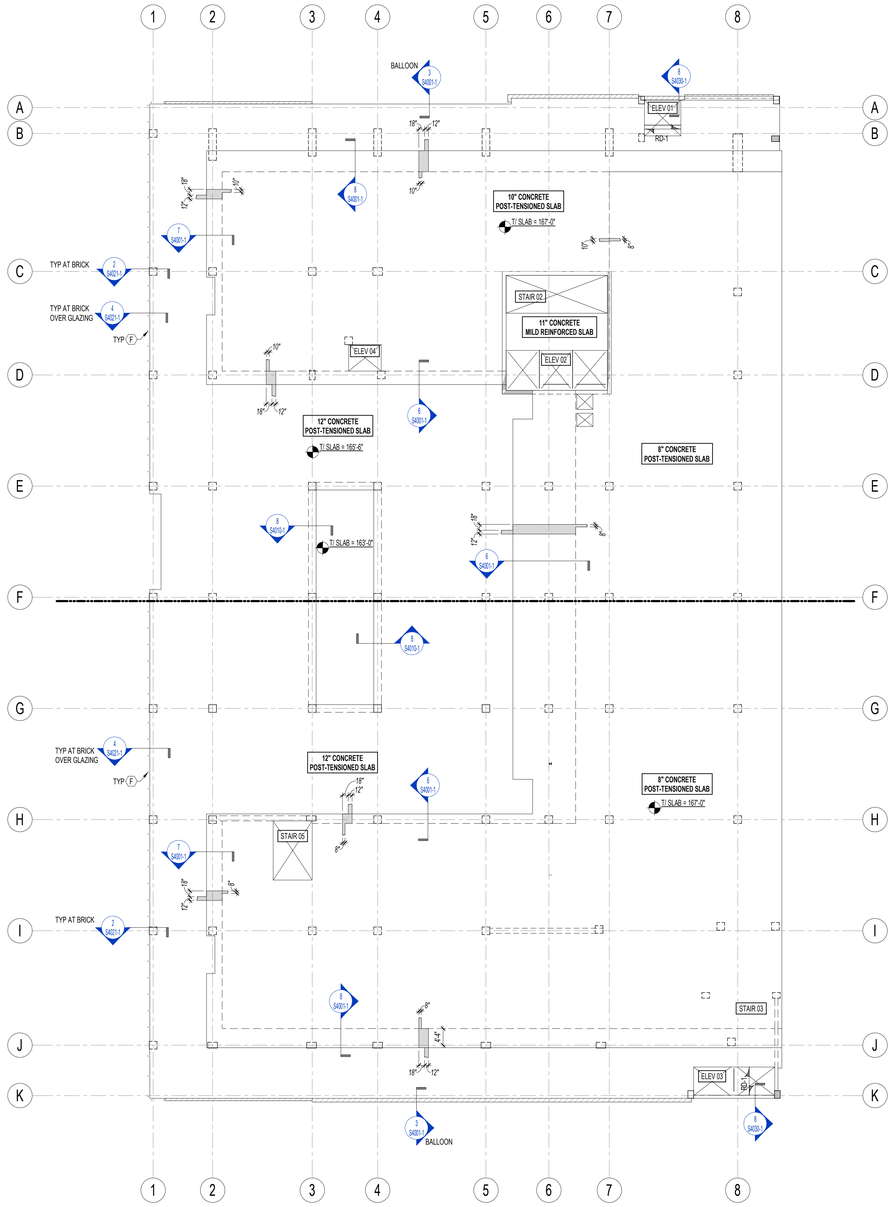

1 S1007-1 7TH FLR FRAMING PLAN - OVERALL - PHASE 1
SCALE: 1/16" = 1'-0"

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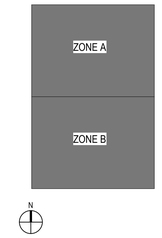

SHEET INFORMATION

PROJECT MANAGER

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7TH FLR FRAMING PLAN - OVERALL - PHASE 1

S1007-1

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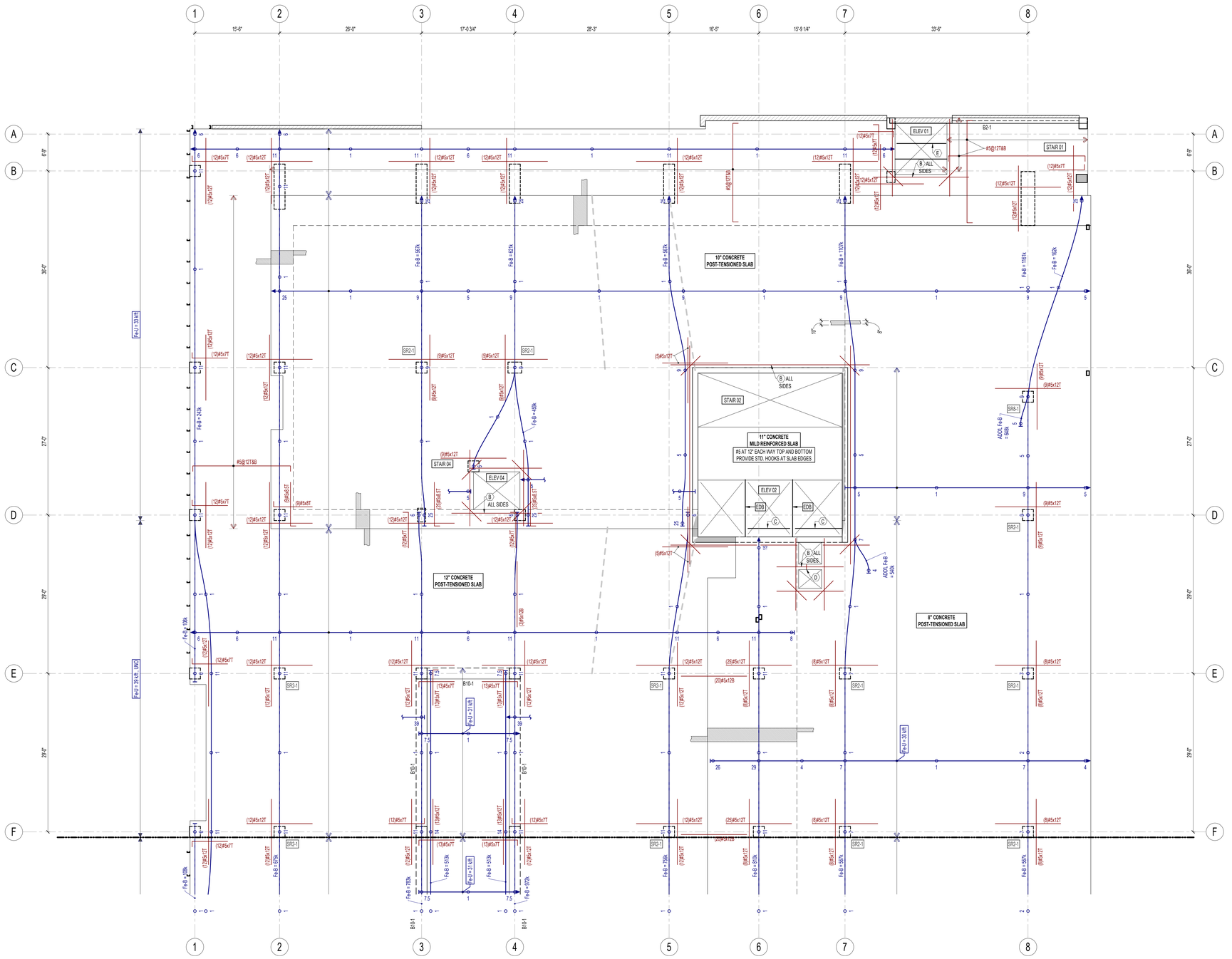

1 S1007-A-1 — 7TH FLR FRAMING PLAN - ZONE A - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

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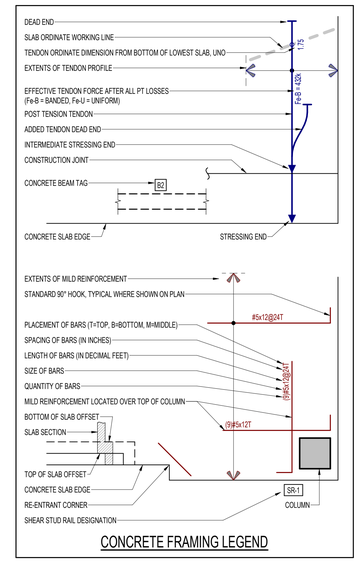

CONCRETE FRAMING LEGEND

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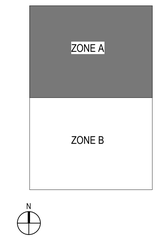

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

7TH FLR FRAMING PLAN - ZONE A - PHASE 1

S1007-A-1

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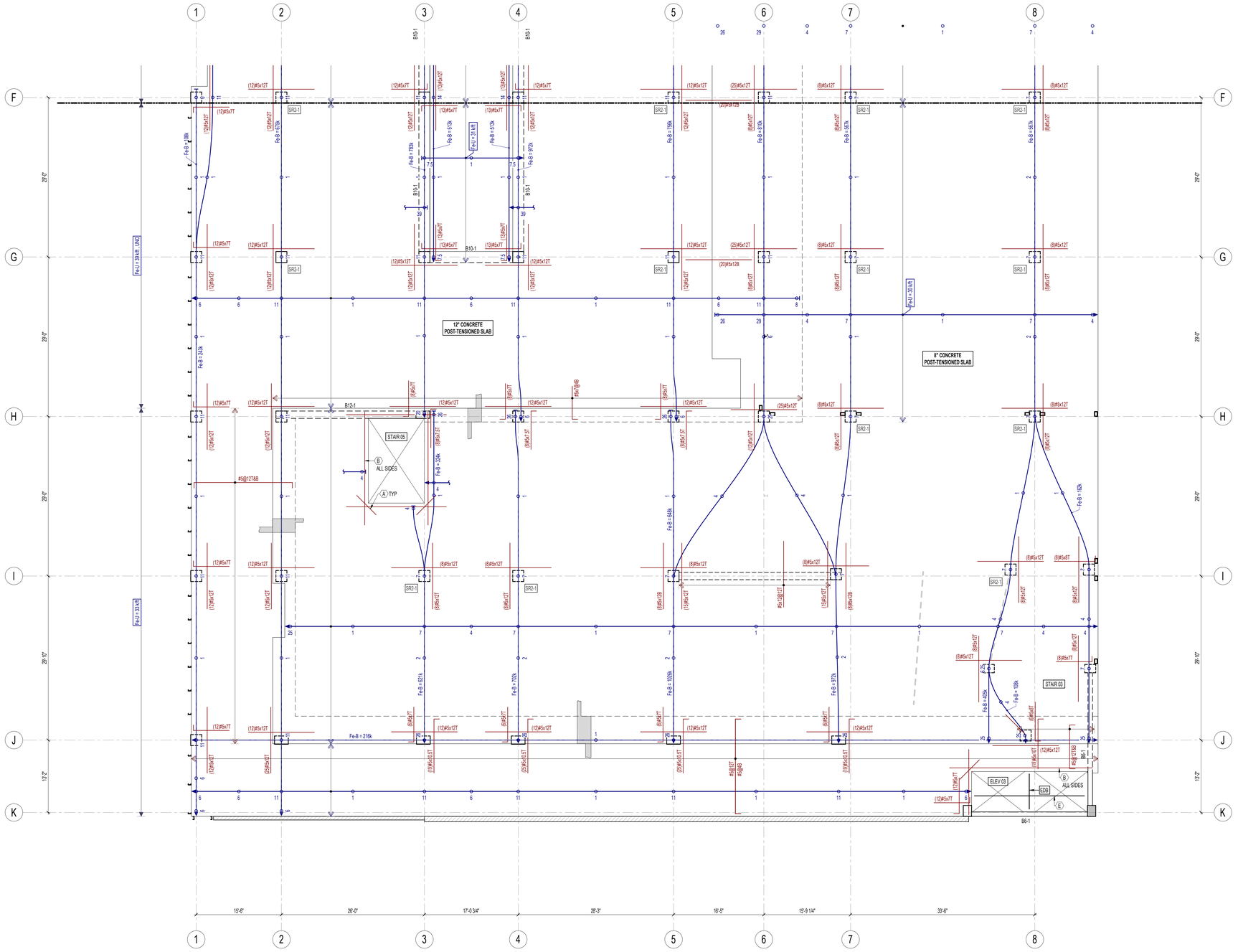


1 S1007-B-1 7TH FLR FRAMING PLAN - ZONE B - PHASE 1
SCALE: 1/8" = 1'-0"

CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"
1ST FLR - LAKE ST	100'-0"
P2	114'-0"
P3	124'-8"
P4	134'-8"
P5	144'-8"
P6	154'-8"
7TH FLR	167'-0"

1. REFER TO S000x-1 SERIES FOR GENERAL STRUCTURAL NOTES, INCLUDING COMPONENT DESIGN CRITERIA.
2. REFER TO S200x-1 SERIES FOR CONCRETE COLUMN SCHEDULE.
3. REFER TO S201x-1 SERIES FOR CONCRETE SHEAR WALL ELEVATIONS.
4. REFER TO S400x-1 SERIES FOR CONCRETE SCHEDULES AND DETAILS NOT CUT ON PLAN.
5. REFER TO 1/S4001-1 FOR REINFORCEMENT AT SLAB OPENINGS, UNO.
6. REFER TO ARCHITECTURAL, CIVIL, AND LANDSCAPE DRAWINGS FOR ALL EXTERIOR SITE CONCRETE INCLUDING PLANTERS, STAIRS, AND RAMPS.
7. REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY WALL LOCATIONS, UNLESS NOTED OTHERWISE. PROVIDE MASONRY WALL REINFORCING PER MASONRY WALL SCHEDULES, UNLESS NOTED OTHERWISE.
8. SLAB TENDON AND REBAR PLACEMENT NOTES:
   a. REFER TO 6/S4001-1 FOR TYPICAL SLAB TOP REBAR PLACEMENT AT COLUMNS.
   b. BOTTOM BARS BETWEEN COLUMNS SHALL BE CENTERED AT MID-SPAN.
   c. HOOKED BARS SHOWN PERPENDICULAR TO SLAB EDGES, OPENINGS, OR WALLS SHALL BE PROVIDED ALONG ENTIRE LENGTH.
   d. BANDED TENDON GROUPS SHALL BE CENTERED OVER COLUMNS TO THE GREATEST EXTENT POSSIBLE.
   e. TENDON ANCHORS AT SLAB EDGES SHALL BE LOCATED AT SLAB MID-DEPTH, UNO.
   f. ALL PT ORDINATES ARE REFERENCED FROM BOTTOM OF LOWEST SLAB, UNO.
9. REFER TO DELEGATED DESIGN NOTES ON S0002 FOR STAIR CONSTRUCTION.
10. "EDB" INDICATES HSS8X4X3/8 (LSV) ELEVATOR DIVIDER BEAM, UNO. PROVIDE EMBED EACH END PER 8/S4001-1. GC TO COORDINATE BEAM SIZE, LOCATION, AND ADDITIONAL STEEL REQUIREMENTS w/ ELEVATOR SUPPLIER.
11. PROVIDE CONCRETE WASH PER 4/S4001-1 AT ALL PARKING SLABS.
12. SLOPE TOP AND BOTTOM OF PARKING SLABS FOR DRAINAGE (SLABS TO BE CONSTANT THICKNESS EXCEPT WHERE CRICKETS ARE SHOWN).
13. AT PARKING AND EXTERIOR EXPOSED SLABS, ALL MILD STEEL SHALL BE EPOXY COATED (INCLUDING CARRY BARS, BACKUP BARS, AND HARPING). SHEAR STUD RAILS SHALL BE GALVANIZED. SLAB SHALL RECEIVE A SILANE SEALER; REFER TO ARCHITECTURAL SPECIFICATIONS.
14. REFER TO PLAN FOR BUILD-UP w/ TOPPING SLAB ON GEOFOAM OR LIGHTWEIGHT RIGID FILL TO ACHIEVE ARCHITECTURAL FINISH FLOOR ELEVATION. PROVIDE CONCRETE TOPPING AS INDICATED ON PLAN. PROVIDE CONTROL JOINTS IN TOPPING SLAB AT ±10'-0" o/c; REFER TO ARCHITECTURAL FOR SPECIAL LAYOUTS. EDGES OF BUILD-UP TO RECEIVE CURB PER 10/S4001-1, UNO.

CONCRETE FRAMING PLAN KEYED NOTES - PHASE 1

(A) PROVIDE DIAGONAL BARS AT ALL RE-ENTRANT CORNERS:
SLABS UP TO 13" THICK: (2) #5 x 5'-0" TOP AND BOTTOM
SLABS UP TO 22" THICK: (2) #7 x 7'-6" TOP AND BOTTOM

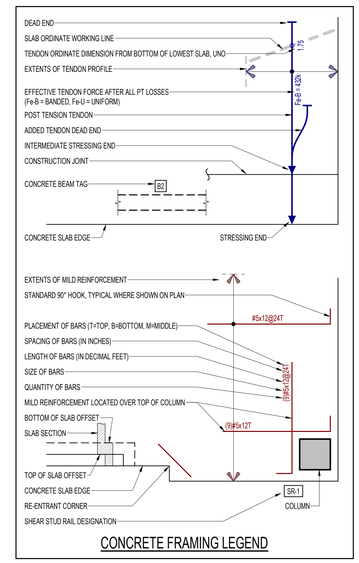
(B) TOP AND BOTTOM BARS ALONG ENTIRE LENGTH OF WALL OR OPENING PLUS 4'-0" EACH END WHERE POSSIBLE
SLABS UP TO 13" THICK: (6) #5 (1/2 TOP AND 1/2 BOTTOM)
SLABS UP TO 22" THICK: (6) #7 (1/2 TOP AND 1/2 BOTTOM)

(C) ADDITIONAL HSS8X4X3/8 (LSV) BEAMS REQUIRED AT REAR OF ELEVATORS. BEAM SIZE TO BE VERIFIED. GC TO COORDINATE LOCATION AND ADDITIONAL REQUIREMENTS WITH ELEVATOR PROVIDER. PROVIDE EMBED PER 8/S4001-1. PROVIDE STEEL CONNECTIONS PER 2/S4021-1.

(D) #3 STIRRUPS AT 12" o/c, FULL LENGTH OF OPENING.

(E) W12X58 ELEVATOR HOIST BEAM. VERIFY LOCATION AND ORIENTATION OVER ELEVATOR SHAFT w/ ELEVATOR SUPPLIER. COORDINATE BOTTOM OF BEAM w/ ELEVATOR CLEARANCE REQUIREMENTS. BEAM HAS BEEN DESIGNED FOR A 15,000 LB POINT LOAD.

(F) HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.



CONCRETE FRAMING LEGEND

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

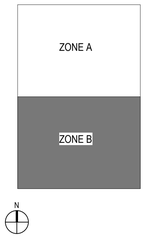
415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

7TH FLR FRAMING PLAN - ZONE B - PHASE 1

S1007-B-1

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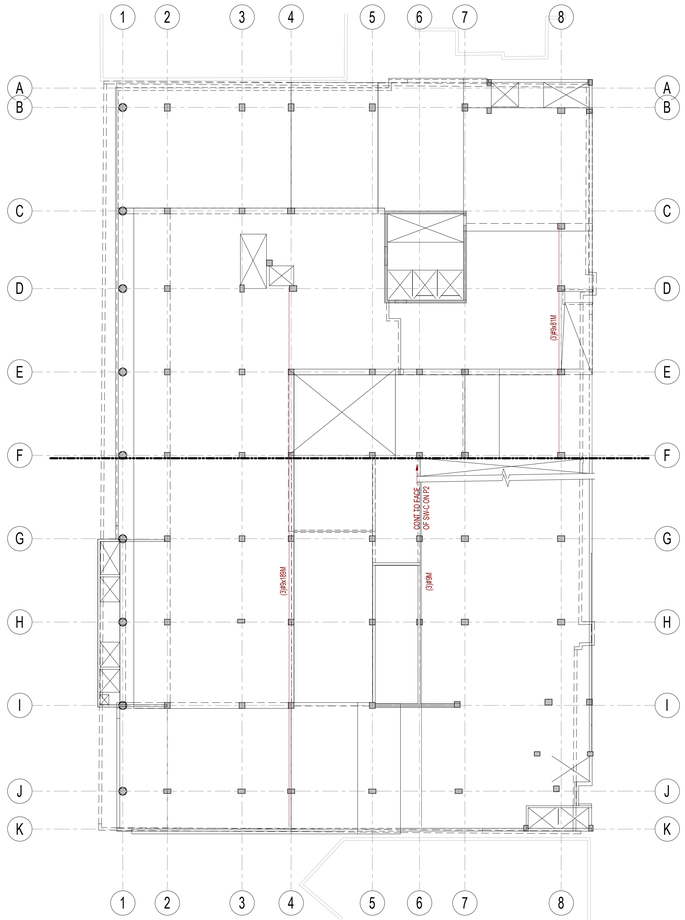
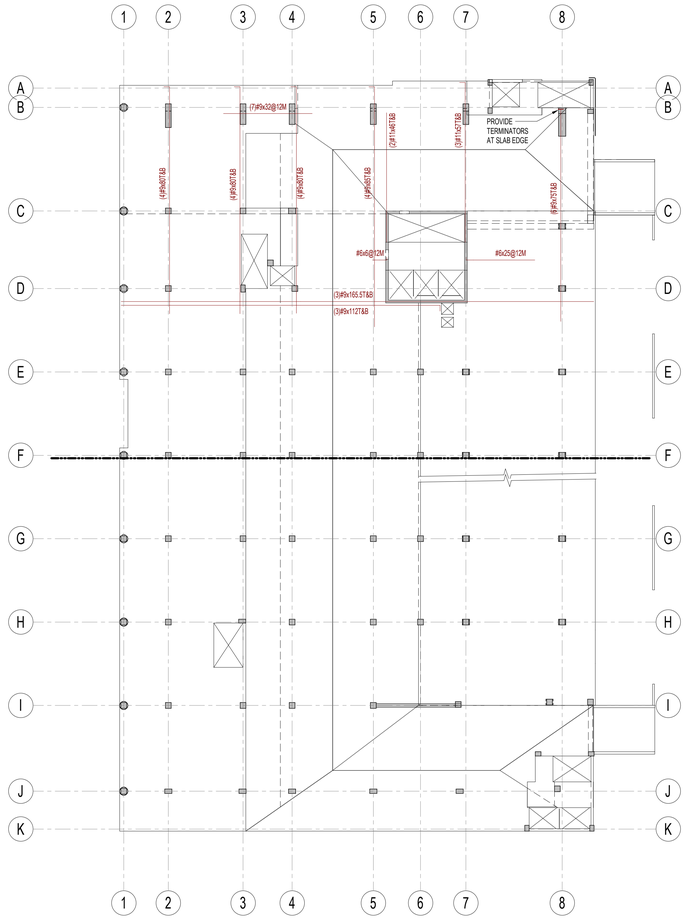


1 S1010-1 1ST FLR DIAPHRAGM REINFORCING PLAN
SCALE: 3/64" = 1'-0"



2 S1010-1 P3 FLR DIAPHRAGM REINFORCING PLAN
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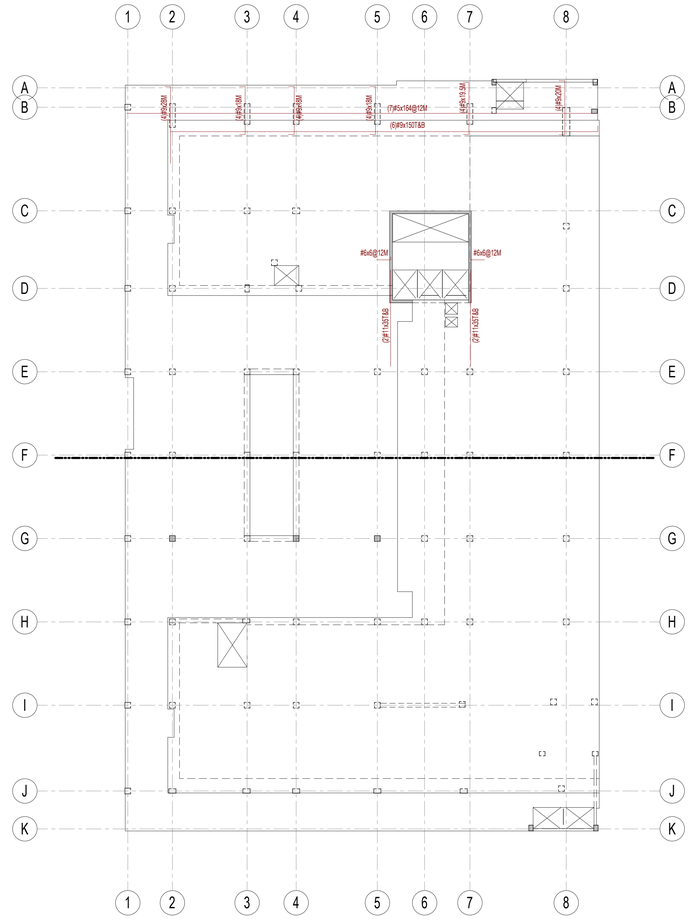

3 S1010-1 7TH FLR DIAPHRAGM REINFORCING PLAN

DIAPHRAGM REINFORCING GENERAL NOTES:

1. PROVIDE DIAPHRAGM REINFORCEMENT IN ADDITION TO SLAB REINFORCING SHOWN ON FRAMING PLANS.
2. DIAPHRAGM REINF SHALL BE SPACED 3" o/c AND LOCATED AT SLAB MID-DEPTH, UNO.
3. ALL SPLICES SHALL BE TENSION LAP SPLICES. REFER TO SPLICING SCHEDULES. MECHANICAL COUPLERS MAY BE USED AT GC's OPTION. SPLICES AND / OR COUPLERS SHALL BE STAGGERED MIN 30".
4. WHERE DIAPHRAGM REINFORCEMENT IS SHOWN OVER SHEAR WALLS, PROVIDE FORMSAVERS AT END OF WALL IF SLIPFORMED.
5. PROVIDE STD HOOKS WHERE SHOWN ON PLAN. TERMINATORS REQUIRED WHERE INDICATED.

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PROJECT MANAGER

PROJECT NUMBER 720448

DIAPHRAGM REINFORCING PLANS - PHASE 1

S1010-1

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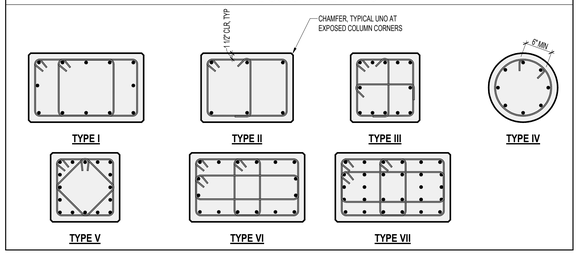
CONCRETE COLUMN SCHEDULE - PHASE 1

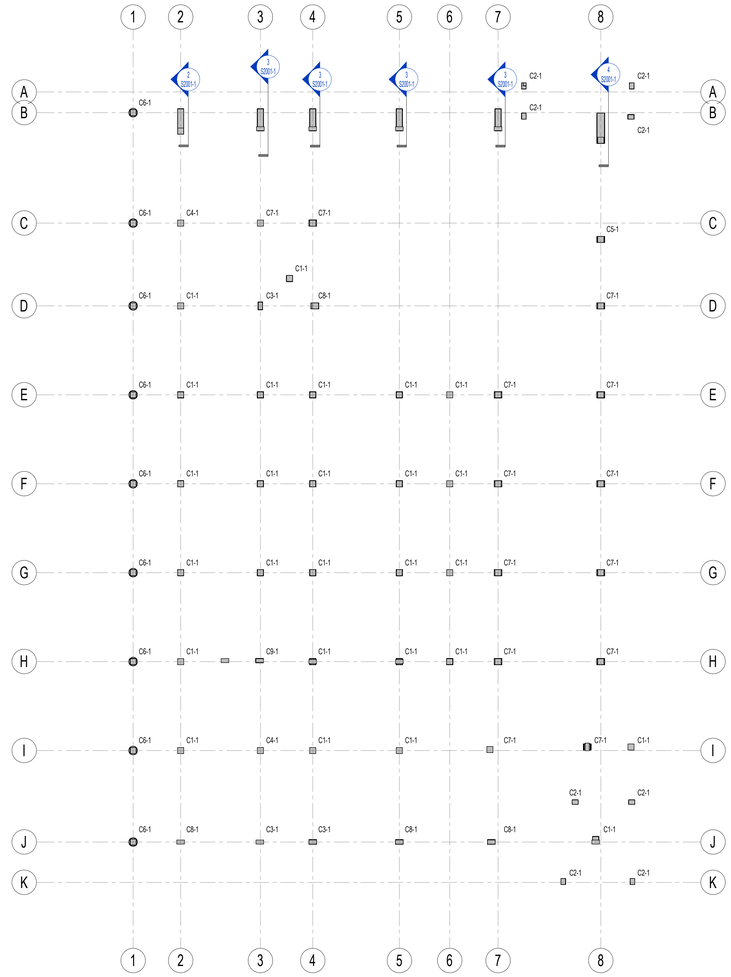
	COLUMN MARK	C1-1	C2-1	C3-1	C4-1	C5-1	C6-1	C7-1	C8-1	C9-1
7TH FLOOR	SIZE									
	VERTICAL									
	TIES									
	TIE TYPE									
PARKING 6	SIZE				24" x 24"					
	VERTICAL				(12) #7					
	TIES				#4 AT 12"					
	TIE TYPE				I					
PARKING 5	SIZE								18" x 30"	
	VERTICAL								(12) #7	
	TIES								#4 AT 12"	
	TIE TYPE								I	
PARKING 4	SIZE					24" x 24"	24" x 24"	24" x 24"		
	VERTICAL					(12) #9	(12) #7	(12) #7		
	TIES					#4 AT 15"	#4 AT 12"	#4 AT 15"		
	TIE TYPE					III	III	III		
PARKING 3	SIZE									16" x 30"
	VERTICAL									(16) #8
	TIES									#4 AT 12"
	TIE TYPE									VI
PARKING 2	SIZE						34" DIA			
	VERTICAL						(12) #8			
	TIES						#4 AT 12"			
	TIE TYPE						IV			
1ST FLOOR	SIZE	24" x 24"	18" x 24"	18" x 30"	24" x 24"	24" x 30"	24" x 24"	24" x 30"	18" x 30"	16" x 30"
	VERTICAL	(12) #7	(12) #7	(12) #7	(16) #10	(28) #10	(12) #7	(16) #9	(18) #10	(16) #10
	TIES	#4 AT 12"	#4 AT 18"	#4 AT 12"	#4 AT 12"	#4 AT 12"	#4 AT 18"	#4 AT 12"	#4 AT 12"	#4 AT 12"
LOWER LEVEL	TIE TYPE	I	I	I	V	VII	III	I	VI	VI
	DOWELS					D	D	D	D	
	REMARKS									

f'c = 8 ksi | f'c = 10 ksi

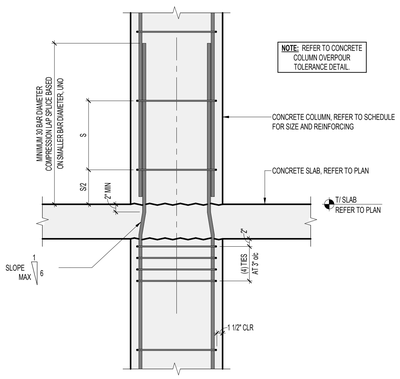
CONCRETE COLUMN SCHEDULE NOTES:
A. REFER TO xS2000-1 FOR COLUMN DOWELS AND TERMINATION AT FOOTING.
B. REFER TO 1/S2000-1 AND 2/S2000-1 FOR COLUMN REINFORCEMENT SPLICES AND TERMINATION AT PT SLABS.
C. PROVIDE EPOXY COATED VERTICALS AND TIES IN PARKING AREAS AND AREAS EXPOSED TO WEATHER.
D. REFER TO 4/S2000-1 FOR DOWELS AT COLUMN SIZE TRANSITIONS.
E. TRANSFER COLUMN/WALL. REFER TO S/S2000-1.
F. POUND PER LINEAR FOOT (PLF) ESTIMATES ARE AVERAGE OVER FULL HEIGHT OF COLUMNS. ESTIMATE INCLUDES COLUMN TIES.

CONCRETE COLUMN TIE TYPES

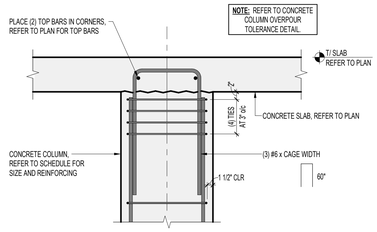




CONCRETE COLUMN KEY PLAN - PHASE 1

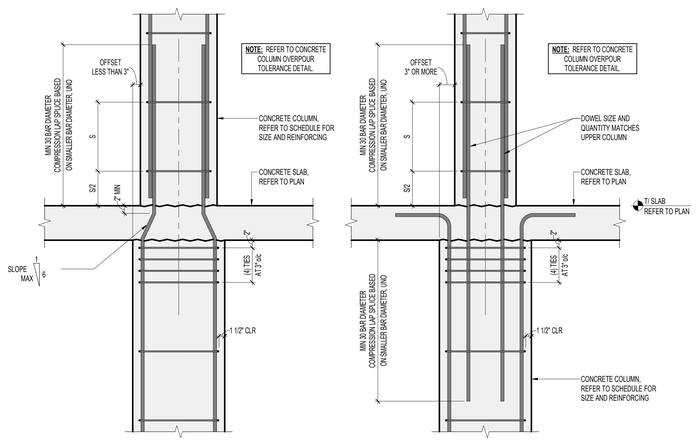


1 S2000-1 CONCRETE COLUMN REINFORCING SPLICE

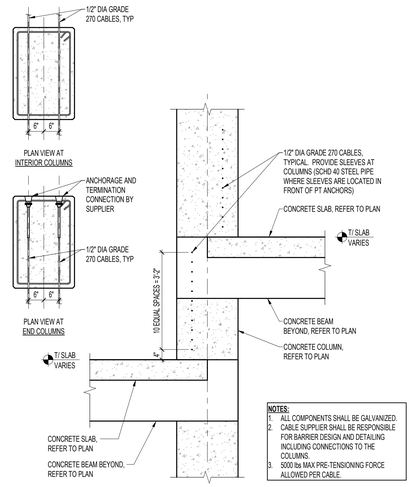


2 S2000-1 REINFORCING AT TOP OF COLUMN

3 S2000-1 CONCRETE COLUMN OVERPOUR TOLERANCE



4 S2000-1 CONCRETE COLUMN SIZE TRANSITION REINFORCING DOWELS



5 S2000-1 BARRIER CABLE AT SPEED RAMP

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

CONCRETE COLUMN SCHEDULE - PHASE 1

S2000-1

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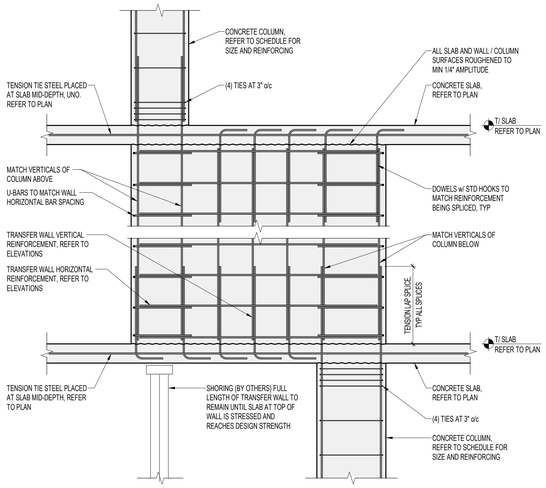
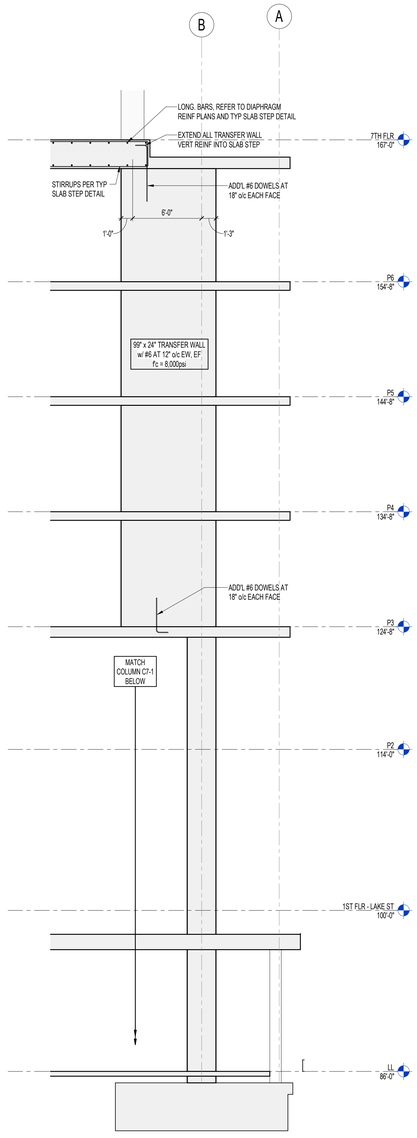
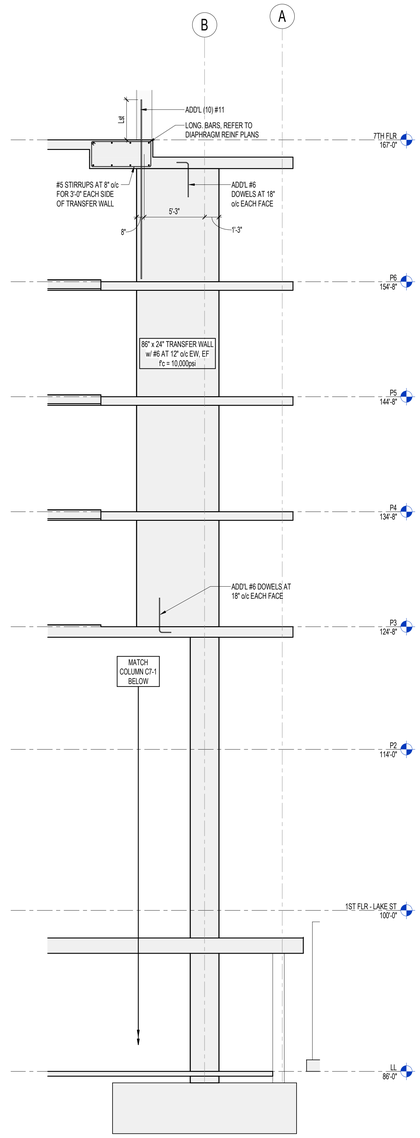


1 S2001-1 TYPICAL TRANSFER WALL DETAIL



2 S2001-1 TRANSFER COLUMN
SCALE: 3/16" = 1'-0"



3 S2001-1 TRANSFER COLUMN
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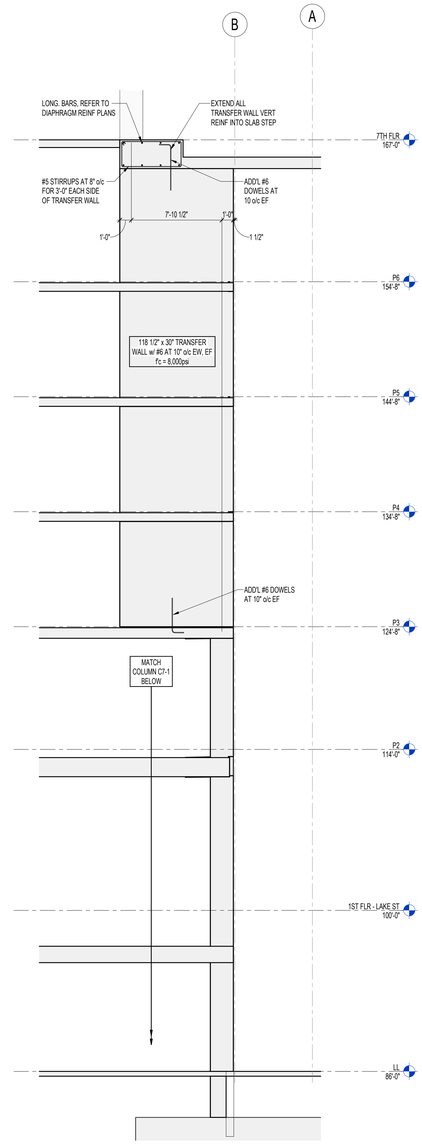

4 S2001-1 TRANSFER COLUMN
SCALE: 3/16" = 1'-0"

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PROJECT MANAGER

PROJECT NUMBER 720448

TRANSFER COLUMN ELEVATIONS - PHASE 1

S2001-1

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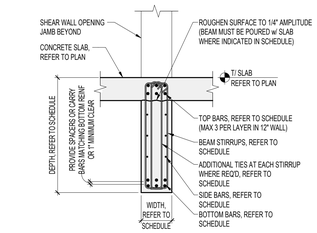
LINK BEAM SCHEDULE - PHASE 1

MARK	DIMENSIONS		MILD REINFORCING			STIRRUPS		REMARKS
	WIDTH	DEPTH	TOP BARS	BOTTOM BARS	SIDE BARS (EACH FACE)	SIZE	QUANTITY AND SPACING AT EACH END OF BEAM	
LB1-1	12"	32"	(3) #9	(3) #9	#5 AT 12" o/c	#5	FULL LENGTH AT 4" o/c	
LB2-1	12"	40"	(3) #9	(3) #9	#5 AT 12" o/c	#5	FULL LENGTH AT 4" o/c	
LB3-1	12"	60"	(3) #9	(3) #9	#5 AT 12" o/c	#5	FULL LENGTH AT 4" o/c	
LB4-1	12"	32"	(6) #9	(6) #9	#5 AT 12" o/c	#5	FULL LENGTH AT 4" o/c	(2) ADD'L #5 TIES
LB5-1	12"	40"	(6) #9	(6) #9	#5 AT 12" o/c	#5	FULL LENGTH AT 4" o/c	(2) ADD'L #5 TIES
LB6-1	12"	80"	(3) #9	(3) #9	#5 AT 12" o/c	#5	FULL LENGTH AT 6" o/c	



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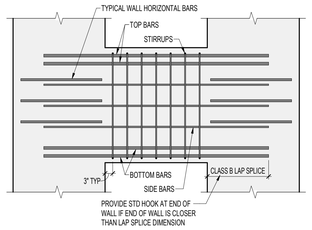


ELEVATION

CONCRETE SHEAR WALL GENERAL NOTES - PHASE 1

1. FOOTING DOWELS - PROVIDE AT SAME SIZE AND SPACING AS TYPICAL VERTICAL WALL REINFORCING AND/OR OVERTURNING STEEL QUANTITY PER NOTES. REFER TO xSxxx.
2. REFER TO C/S2010-1 FOR TYPICAL SECTION AT FOUNDATION.
3. WALLS ARE f'c = 8,000 psi, EXCEPT WHERE NOTED OTHERWISE.
4. OPENING HEIGHT = 7'-2" ABOVE FLOOR ELEVATION, UNO.
5. REFER TO ELEVATIONS FOR WALL REINFORCEMENT.
6. REFER TO ELEVATIONS FOR ADDITIONAL OVERTURNING STEEL REQUIREMENTS. VERTICAL BARS SHALL BE LAP SPLICED 19" AND HORIZONTAL BARS SHALL BE LAP SPLICED 24" AT #5 BARS.
7. PROVIDE #5 U-TIES AT 15" OR 18" o/c (MATCH HORIZONTAL BAR SPACING) AT END OF WALLS AND AT DOOR JAMBS PER A/S2010-1 TYPICAL, UNO. AT WALL CORNERS, (2) U-TIES REQUIRED w/ ONE GOING EACH DIRECTION.
8. REFER TO B/S2010-1 FOR SLIP FORMED SHEAR WALL AT PT SLAB.

CONCRETE SHEAR WALL ELEVATION KEYED NOTES - PHASE 1

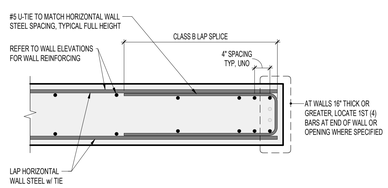
(99) #9 VERTICAL (4'-9" LAP)
(11) #11 VERTICAL (7'-0" LAP)

SHEAR WALL OVERTURNING STEEL. REFER TO ELEVATIONS FOR QUANTITY. REFER TO A/S2010-1 FOR SPACING, U-TIE, AND ADDITIONAL TIE REQUIREMENTS. PROVIDE CLASS B LAP SPLICE LENGTHS AT CONSTRUCTION JOINTS.

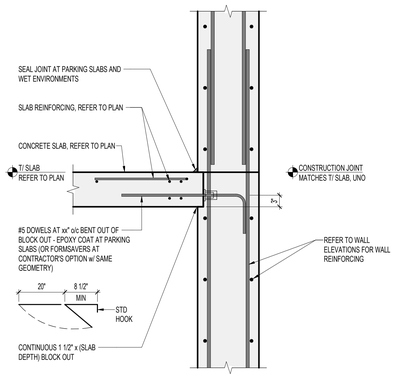
(C) TOP OF WALL #5 x 30" U-TIES. SET TOP 2" CLEAR OF TOP OF SLAB. MATCH VERTICAL WALL REINFORCING SPACING, UNO.

(D) TOP OF BEAM = TOP OF SLAB, PROVIDE SLEEVES OR DRILL THROUGH WALLS AS NEEDED FOR PT TENDONS TO PASS THROUGH.

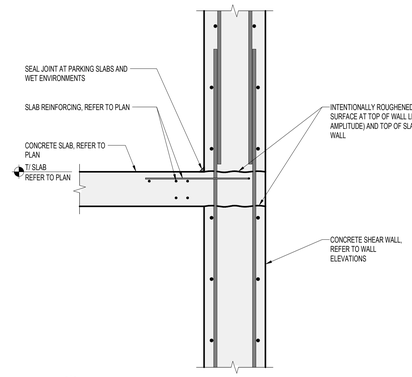
(E) #4 x 4'-0" DIAGONAL CORNER BAR EACH FACE. TYPICAL AT ALL OPENINGS.



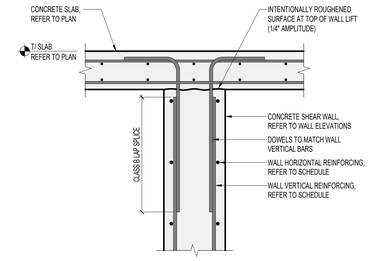
A S2010-1 SHEAR WALL - END OF WALL DETAIL - PLAN VIEW



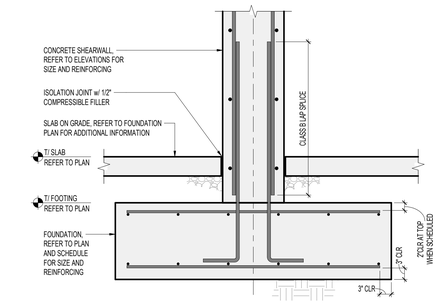
B S2010-1 SLAB CONNECTION AT SLIPFORMED SHEAR WALL



C S2010-1 SLAB CONNECTION AT SHEAR WALL



D S2010-1 SLAB CONNECTION AT SHEAR WALL



E S2010-1 SHEARWALL AT FOOTING

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PE Project: 22019

PROJECT INFORMATION

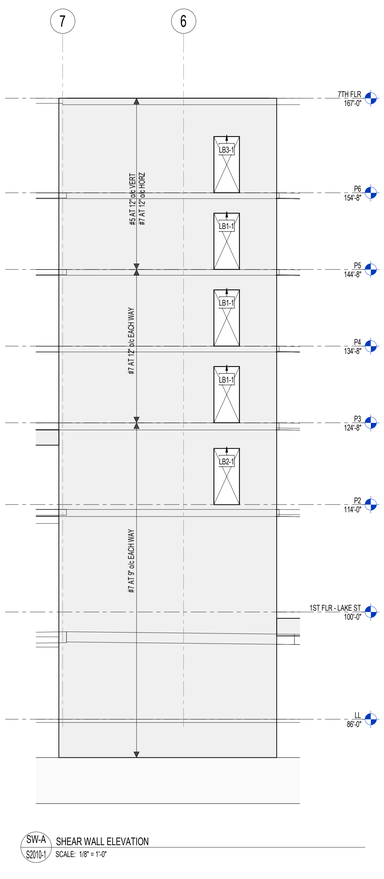
STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

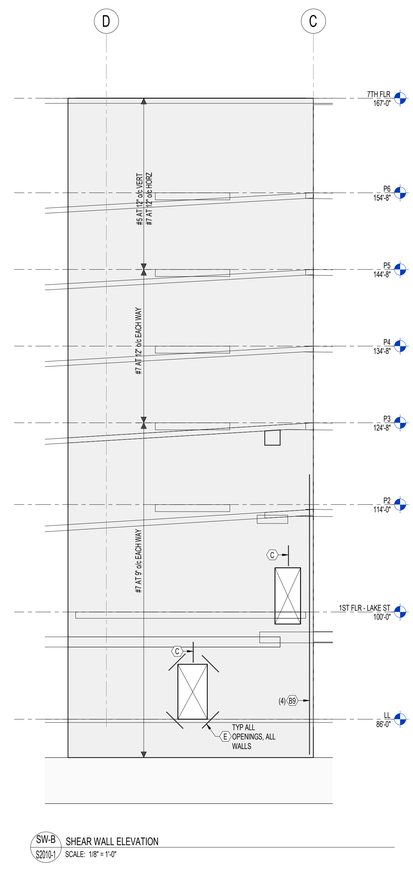
CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

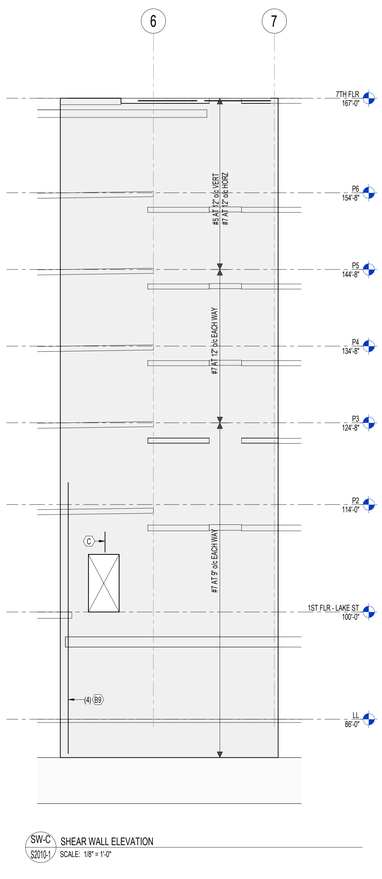
DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1



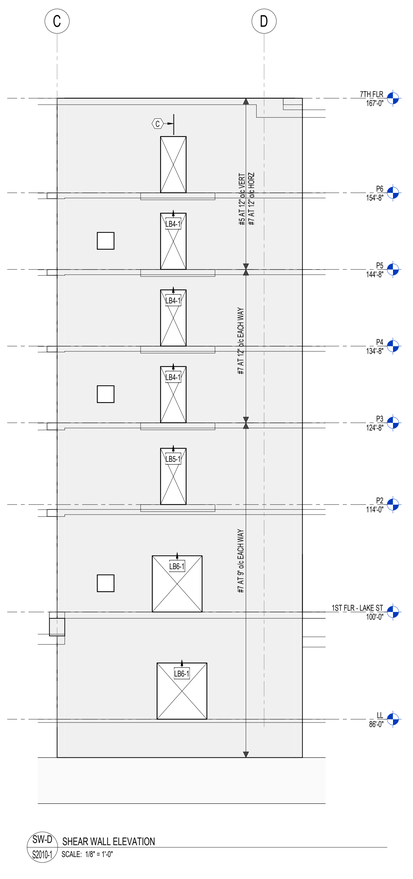
SW-A S2010-1 SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"



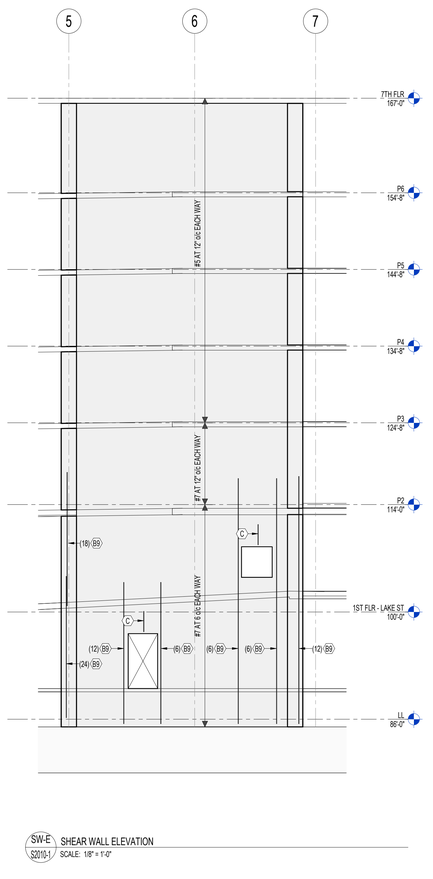
SW-B S2010-1 SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"



SW-C S2010-1 SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"



SW-D S2010-1 SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"



SW-E S2010-1 SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

CONCRETE SHEAR WALL ELEVATIONS - PHASE 1

S2010-1

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ISOLATED FOOTING SCHEDULE

MARK	DIMENSIONS WIDTH	DIMENSIONS LENGTH	DIMENSIONS THICKNESS	BOTTOM REINFORCING LONG	BOTTOM REINFORCING SHORT	TOP REINFORCING LONG	TOP REINFORCING SHORT	REMARKS
F80	8'-0"	8'-0"	2'-5"	(6) #8	(6) #8			
F90	9'-0"	9'-0"	2'-8"	(8) #8	(8) #8			
F100	10'-0"	10'-0"	2'-11"	(10) #8	(10) #8			
F130	13'-0"	13'-0"	3'-8"	(10) #10	(10) #10			
F140	14'-0"	14'-0"	3'-11"	(12) #10	(12) #10			
F150	15'-0"	15'-0"	4'-2"	(11) #11	(11) #11			
F160	16'-0"	16'-0"	4'-5"	(13) #11	(13) #11			
F170	17'-0"	17'-0"	4'-8"	(14) #11	(14) #11			
F180	18'-0"	18'-0"	4'-10"	(16) #11	(16) #11			
F180-120	12'-0"	18'-0"	4'-10"	(12) #11	(16) #11			
F190	19'-0"	19'-0"	5'-2"	(17) #11	(17) #11			
F200	20'-0"	20'-0"	5'-4"	(20) #11	(20) #11			
F260-160	26'-0"	16'-0"	5'-2"	(15) #11	(24) #11	(15) #11	(24) #11	
F370-220	37'-0"	22'-0"	4'-5"	(30) #11	(50) #11	(22) #9		

ISOLATED FOOTING SCHEDULE NOTES:
1. REFER TO STRUCTURAL NOTES SHEET FOR MINIMUM COVER REQUIREMENTS.
2. REFER TO FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS.
3. REFER TO FOUNDATION AND EARTHWORK GENERAL NOTES AND DESIGN CRITERIA FOR ADDITIONAL REQUIREMENTS.
4. ALL LAPS IN STEEL REINFORCING SHALL BE CLASS "B" LAP SPLICES UNLESS NOTED OTHERWISE.

CONTINUOUS FOOTING SCHEDULE

MARK	DIMENSIONS WIDTH (xCONT)	DIMENSIONS THICKNESS	REINFORCEMENT LONGITUDINAL	REINFORCEMENT TRANSVERSE	REMARKS
W20	2'-0"	1'-0"	(2) #5		
W30	3'-0"	1'-0"	(3) #5		
W60	6'-0"	1'-2"	(6) #5	#5 @ 12" o.c.	

CONTINUOUS FOOTING SCHEDULE NOTES:
1. REFER TO STRUCTURAL NOTES SHEET FOR MINIMUM COVER REQUIREMENTS.
2. REFER TO FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS.
3. REFER TO FOUNDATION AND EARTHWORK GENERAL NOTES AND DESIGN CRITERIA FOR ADDITIONAL REQUIREMENTS.
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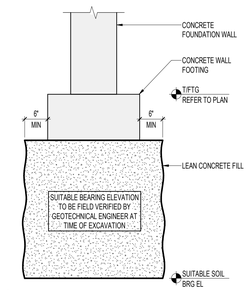
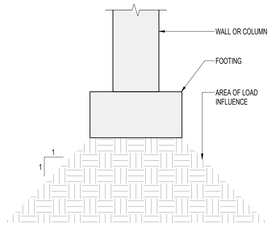


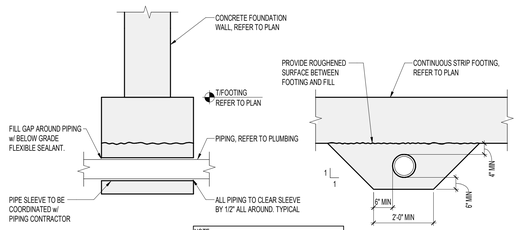
NOTE:
THE USE OF THIS DETAIL IS IF POOR SOILS ARE ENCOUNTERED. VERIFY SOIL CONDITIONS AND USE OF THIS DETAIL w/ GEO-TECH ENGINEER BEFORE ANY DETERMINATION IS MADE.

1 S3000-1 TYPICAL OVER-EXCAVATION DETAIL



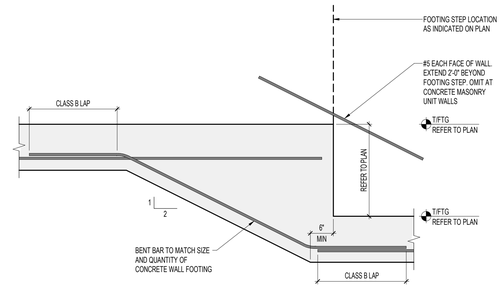
EXCAVATIONS FOR ANY REASON, INSIDE THE AREA OF LOAD INFLUENCE (SHOWN HATCHED) ARE PROHIBITED UNLESS SPECIFICALLY REVIEWED AND APPROVED BY STRUCTURAL ENGINEER

2 S3000-1 TYPICAL PROHIBITED EXCAVATIONS AT FOUNDATIONS

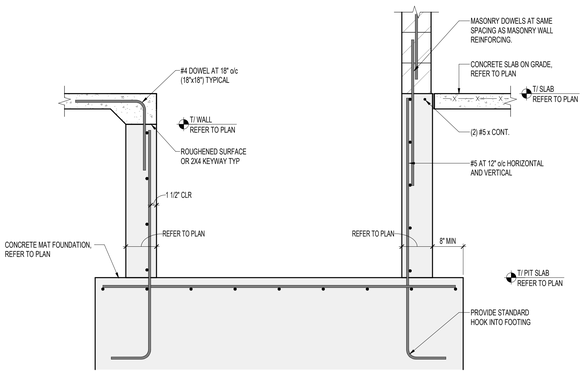


NOTE:
IF PIPE IS MORE THAN 2'-0" BELOW FOOTING, CONCRETE FILL AROUND PIPE IS NOT REQUIRED.

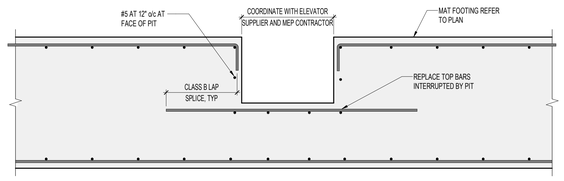
3 S3000-1 PIPE PENETRATION UNDER STRIP FOOTING



4 S3000-1 FOOTING STEP DETAIL

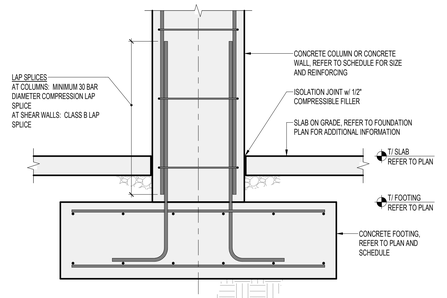


5 S3000-1 ELEVATOR PIT SECTION



NOTES:
1. COORDINATE GRATING/COVER REQUIREMENTS WITH ELEVATOR SUPPLIER AND/OR MEP CONTRACTOR
2. CONTRACTOR MAY POUR THE SUMP PIT MONOLITHIC OR PRIOR TO THE ELEVATOR PIT SLAB AT THEIR OPTION

6 S3000-1 ELEVATOR SUMP PIT DETAIL



7 S3000-1 TYPICAL COLUMN AND FOOTING DETAIL

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

FOOTING SCHEDULE AND DETAILS

S3000-1

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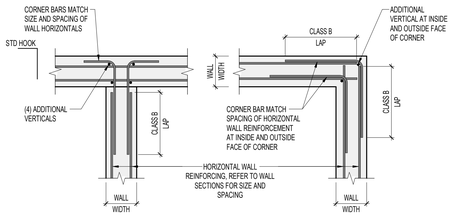
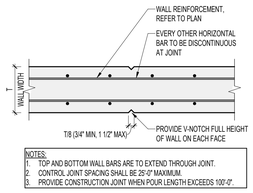
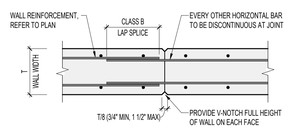


1 S3001-1 CORNER AND WALL INTERSECTION REINFORCING



NOTES:
1. TOP AND BOTTOM WALL BARS ARE TO EXTEND THROUGH JOINT.
2. CONTROL JOINT SPACING SHALL BE 25'-0" MAXIMUM.
3. PROVIDE CONSTRUCTION JOINT WHEN POUR LENGTH EXCEEDS 100'-0".

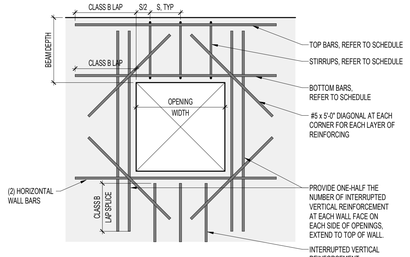
2 S3001-1 WALL CONTROL JOINT



NOTES:
1. TOP AND BOTTOM BARS ARE TO EXTEND THROUGH JOINT.
2. PROVIDE AT END OF EACH WALL POUR.

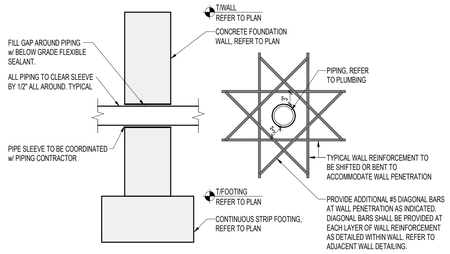
3 S3001-1 WALL CONSTRUCTION JOINT

OPENING WIDTH	BEAM DEPTH	STIRRUPS	TOP BARS	BOTTOM BARS
3'-8" < WIDTH	18" MIN	NONE	(2) #5	(2) #5
3'-8" < WIDTH < 8'-0"	18" MIN	#3 AT 6" o/c	(2) #8	(2) #8
8'-0" < WIDTH < 12'-0"	24" MIN	#4 AT 9" o/c	(2) #9	(2) #9



NOTES:
1. NOTIFY EOR IN WRITING OF OPENINGS NOT SHOWN ON PLANS OR OF CONDITIONS NOT COVERED BY THIS DETAIL.
2. PROVIDE STANDARD HOOK WHERE MINIMUM BAR EXTENSION PAST EDGE OF OPENING IS NOT POSSIBLE.
3. ADDITIONAL REINFORCEMENT NOT REQUIRED FOR OPENINGS LESS THAN 1'-0" x 1'-0".
4. SPACE ADDED BARS AT 3" o/c.

4 S3001-1 REINFORCEMENT AROUND CONCRETE WALL OPENING



5 S3001-1 PIPE PENETRATION AT FOUNDATION WALL

6 S3001-1 STOOP SLAB DETAIL

7 S3001-1 SLAB OVERPOUR AT GARAGE DOOR

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

FOUNDATION WALL DETAILS

S3001-1

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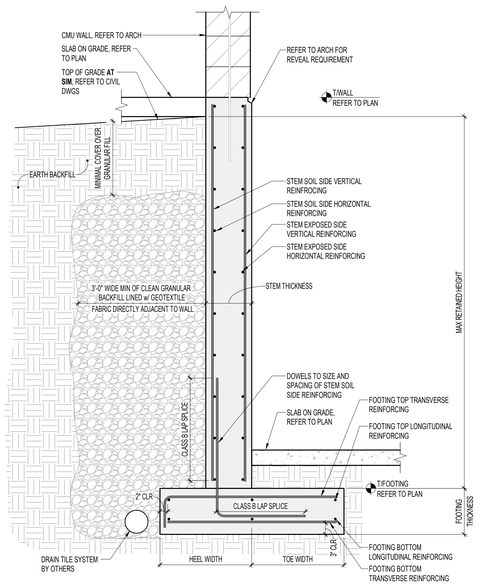
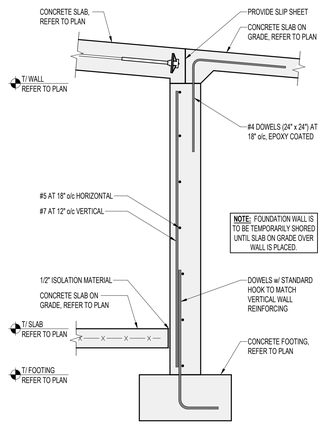


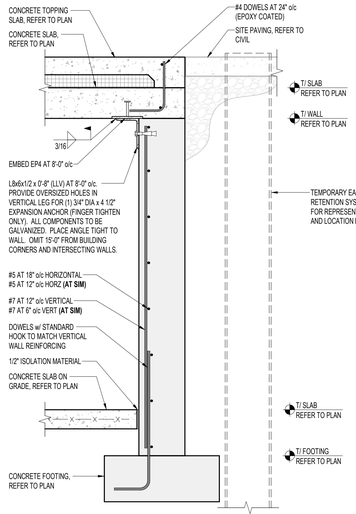
1 S3002-1 RETAINING WALL DETAIL/SCHEDULE

RETAINING WALL SCHEDULE				
RETAINING WALL MARK	RW-1			
MAX RETAINED HEIGHT	6'-0"			
FOOTING THICKNESS	18"			
HEEL WIDTH	3-6"			
TOE WIDTH	2'-6"			
FOOTING BOTTOM TRANSVERSE REINFORCING	#5 AT 12" o/c			
FOOTING BOTTOM LONGITUDINAL REINFORCING	(4) #5 x CONT			
FOOTING TOP LONGITUDINAL REINFORCING	(4) #5 x CONT			
FOOTING TOP TRANSVERSE REINFORCING	#5 AT 12" o/c			
STEM THICKNESS, UNO	REFER TO PLAN			
STEM SOIL SIDE VERTICAL REINFOCING	#5 AT 9" o/c			
STEM SOIL SIDE HORIZONTAL REINFORCING	#5 AT 12" o/c x CONT			
STEM EXPOSED SIDE VERTICAL REINFORCING	NOT REQUIRED			
STEM EXPOSED SIDE HORIZONTAL REINFORCING	NOT REQUIRED			

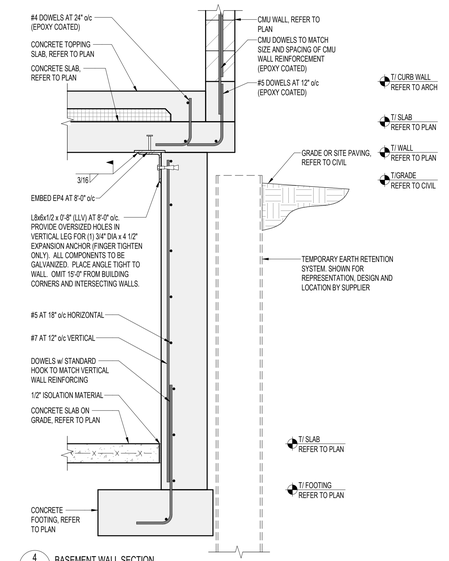
SCHEDULE NOTES:
1. REFER TO GENERAL NOTES ON SHEET S0.1 FOR ADDITIONAL INFORMATION & CRITERIA.
2. REFER TO FOUNDATION PLAN FOR TOP OF FOOTING & TOP OF WALL ELEVATIONS.
3. REFER TO DESING CRITEIA FOR SOIL DESIGN VALUES SECTION FOR NET ALLOWABLE SOIL BEARING CAPACITY.
4. ALL LAPS IN STEEL REINFORCING SHALL BE CLASS "B" LAP SPLICES UNLESS NOTED OTHERWISE.



2 S3002-1 FOUNDATION WALL AT RAMP



3 S3002-1 BASEMENT WALL SECTION



4 S3002-1 BASEMENT WALL SECTION

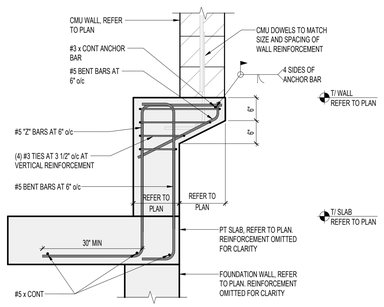
5 S3002-1 BASEMENT WALL SECTION

6 S3002-1 BASEMENT WALL SECTION

7 S3002-1 BASEMENT WALL SECTION

8 S3002-1 BASEMENT WALL SECTION

9 S3002-1 BASEMENT WALL SECTION



10 S3002-1 CORBEL AT CONCRETE WALL

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SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

FOUNDATION WALL SECTIONS

S3002-1

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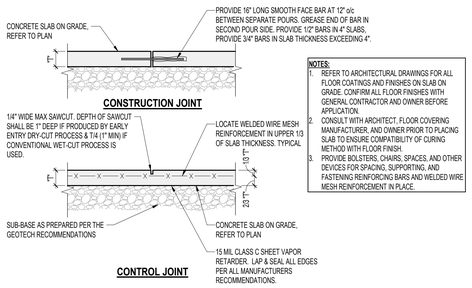
THICKENED SLAB SCHEDULE

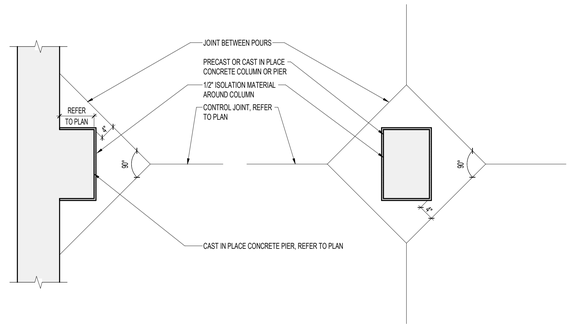
MARK	DIMENSIONS		REINFORCEMENT		REMARKS
	WIDTH (xCONT)	THICKNESS	LONGITUDINAL	TRANSVERSE	
TS20	2'-0"	1'-0"	(2) #5		

THICKENED SLAB SCHEDULE NOTES:
1. REFER TO STRUCTURAL NOTES SHEET FOR MINIMUM COVER REQUIREMENTS.
2. REFER TO FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS.
3. REFER TO FOUNDATION AND EARTHWORK GENERAL NOTES AND DESIGN CRITERIA FOR ADDITIONAL REQUIREMENTS.
4. ALL LAPS IN STEEL REINFORCING SHALL BE CLASS "B" LAP SPLICES UNLESS NOTED OTHERWISE.

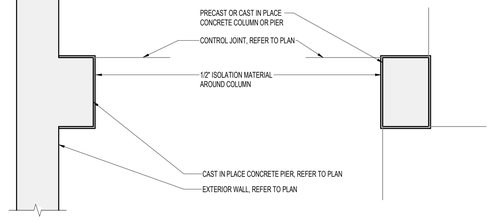


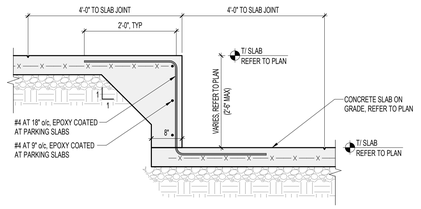
NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR ALL FLOOR COATINGS AND FINISHES ON SLAB ON GRADE. CONFIRM ALL FLOOR FINISHES WITH GENERAL CONTRACTOR AND OWNER BEFORE APPLICATION.
2. CONSULT WITH ARCHITECT, FLOOR COVERING MANUFACTURER, AND OWNER PRIOR TO PLACING SLAB TO ENSURE COMPATIBILITY OF CURING METHOD WITH FLOOR FINISH.
3. PROVIDE BOLSTERS, CHAIRS, SPACES, AND OTHER DEVICES FOR SPACING, SUPPORTING, AND FASTENING REINFORCING BARS AND WELDED WIRE MESH REINFORCEMENT IN PLACE.

1 S3003-1 SLAB ON GRADE CONSTRUCTION DETAILS

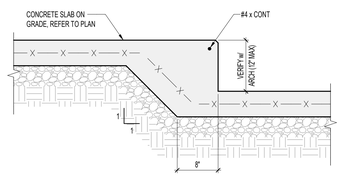


2 S3003-1 PLAN VIEW AT PRECAST/CAST-IN-PLACE COLUMN

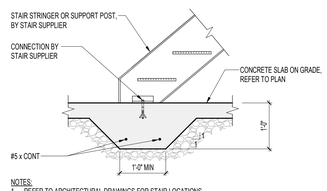




3 S3003-1 SLAB STEP UP TO 30" HEIGHT

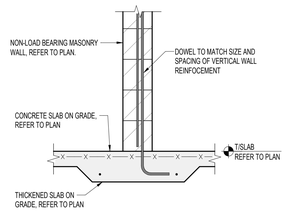


4 S3003-1 SLAB STEP LESS THAN OR EQUAL TO 12"

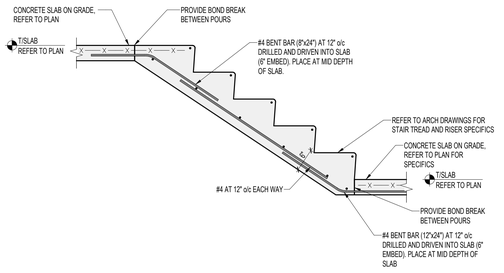


NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR STAIR LOCATIONS.
2. MINIMUM LENGTH AT STRINGERS SHALL BE 2'-0".
3. SIZE AND REINFORCEMENT AT POSTS SHALL BE DETERMINED BY THE STAIR SUPPLIER.

5 S3003-1 STEEL STAIR FOOTING / FOUNDATION



6 S3003-1 THICKENED SLAB AT NON BEARING CMU WALL



7 S3003-1 INTERIOR CONCRETE STAIR SECTION

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

SLAB ON GRADE DETAILS

S3003-1

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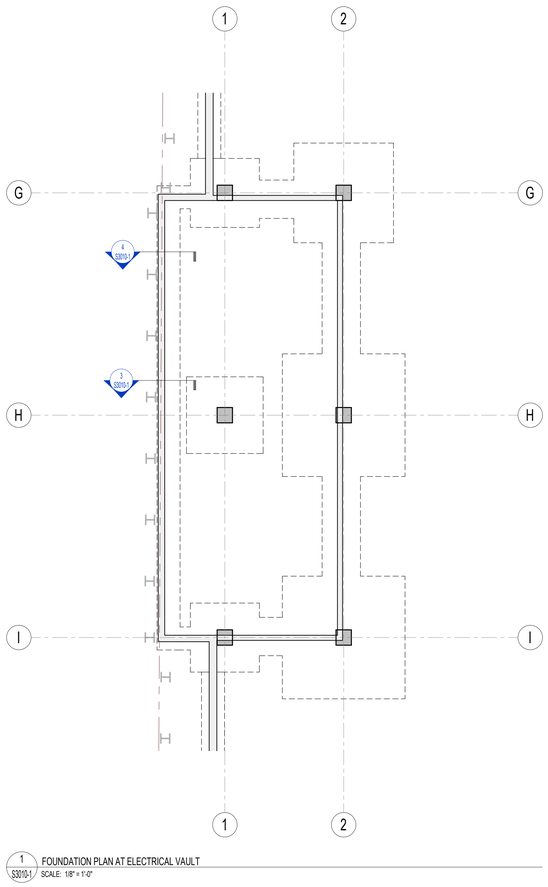
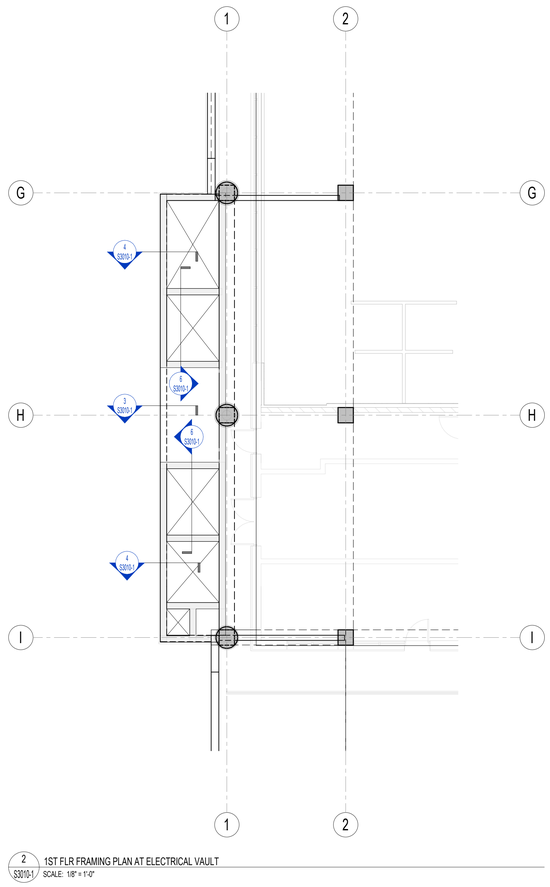


1 S3010-1 FOUNDATION PLAN AT ELECTRICAL VAULT
SCALE: 1/8" = 1'-0"



2 S3010-1 1ST FLR FRAMING PLAN AT ELECTRICAL VAULT
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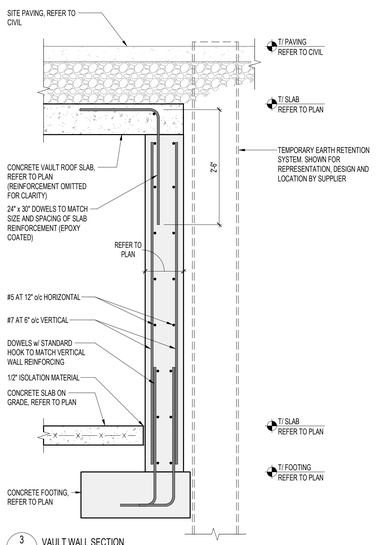
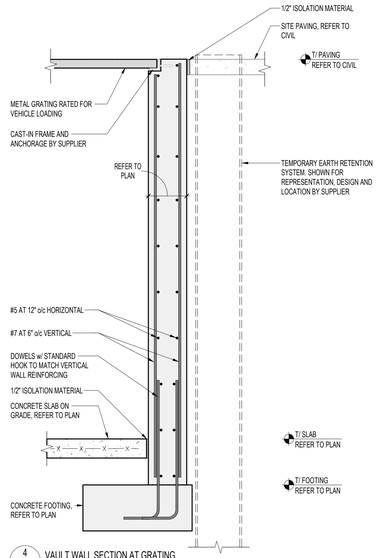
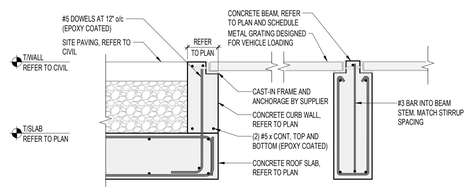


3 S3010-1 VAULT WALL SECTION



4 S3010-1 VAULT WALL SECTION AT GRATING



6 S3010-1 CURB DETAIL AT ELECTRIC VAULT

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415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

ELECTRICAL VAULT STRUCTURAL PLANS AND DETAILS

S3010-1

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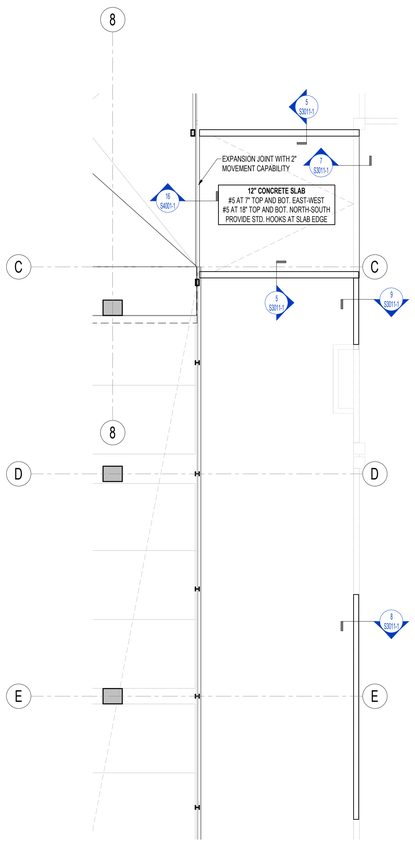
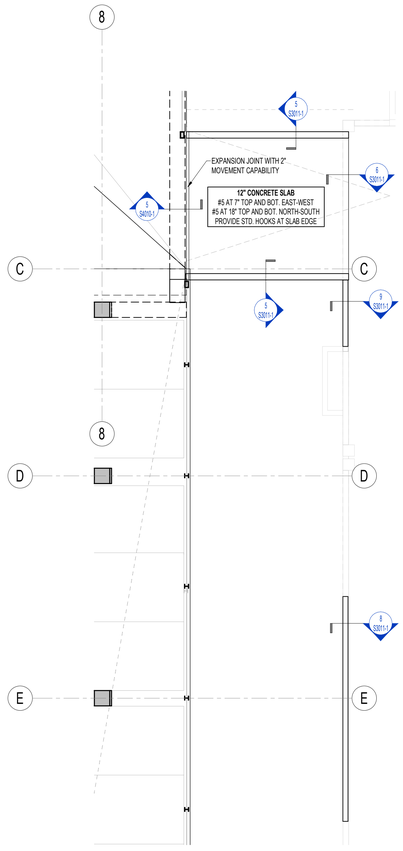
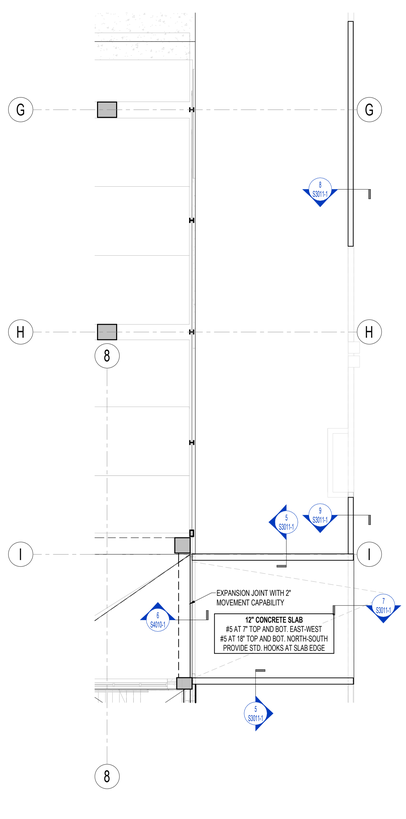
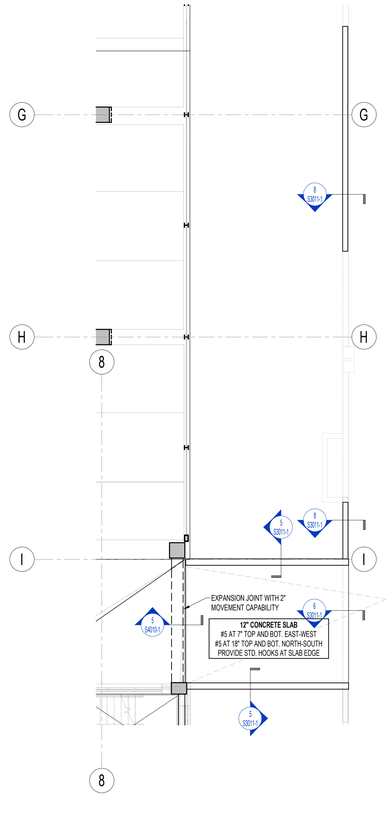






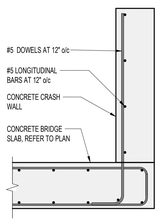


1 S3011-1 P2 FLR FRAMING PLAN - NORTH BRIDGE
SCALE: 1/8" = 1'-0"

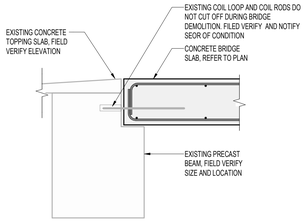
2 S3011-1 P3 FLR FRAMING PLAN - PHASE 1 - NORTH BRIDGE
SCALE: 1/8" = 1'-0"

3 S3011-1 P2 FLR FRAMING PLAN - PHASE 1 - SOUTH BRIDGE
SCALE: 1/8" = 1'-0"

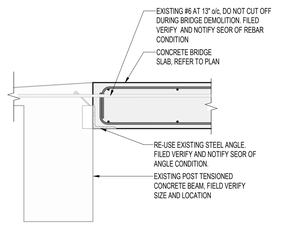
4 S3011-1 P3 FLR FRAMING PLAN - PHASE 1 - SOUTH BRIDGE
SCALE: 1/8" = 1'-0"



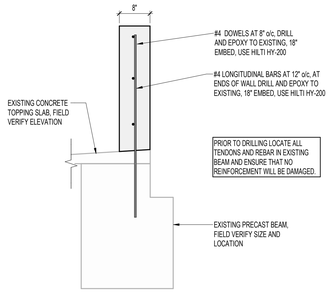
5 S3011-1 DETAIL AT BRIDGE WALL



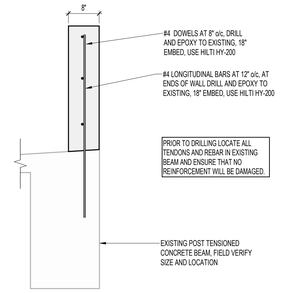
6 S3011-1 BRIDGE CONNECTION AT EXISTING STRUCTURE



7 S3011-1 BRIDGE CONNECTION AT EXISTING STRUCTURE



8 S3011-1 NEW CONCRETE WALL AT EXISTING



9 S3011-1 BRIDGE CONNECTION AT EXISTING STRUCTURE

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

BRIDGE DETAILS

S3011-1

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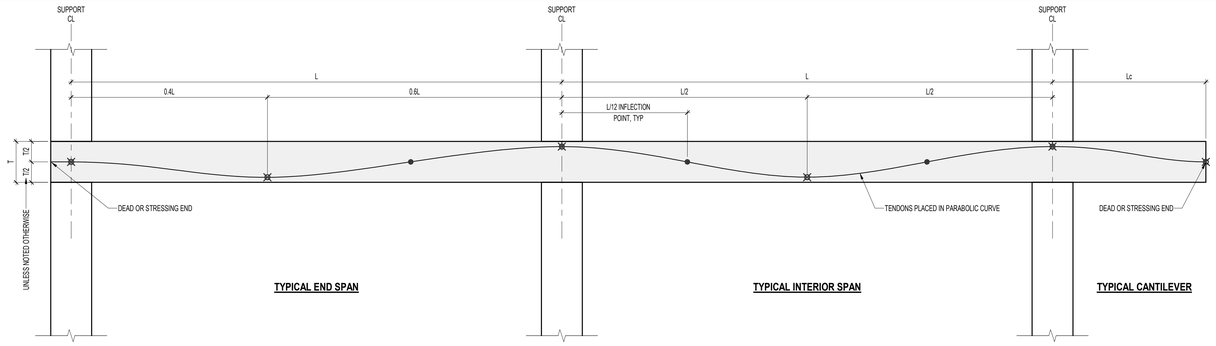
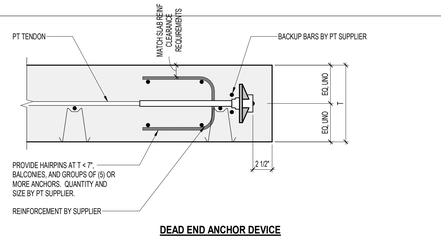
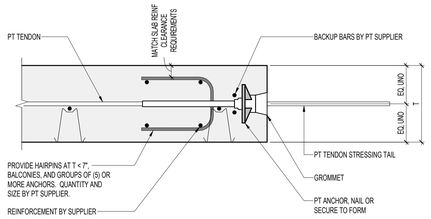


1 S4000-1 TYPICAL SLAB SECTION

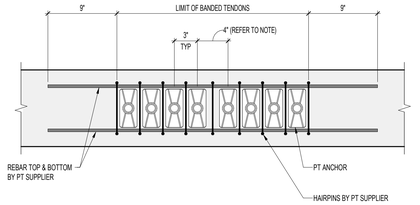


DEAD END ANCHOR DEVICE



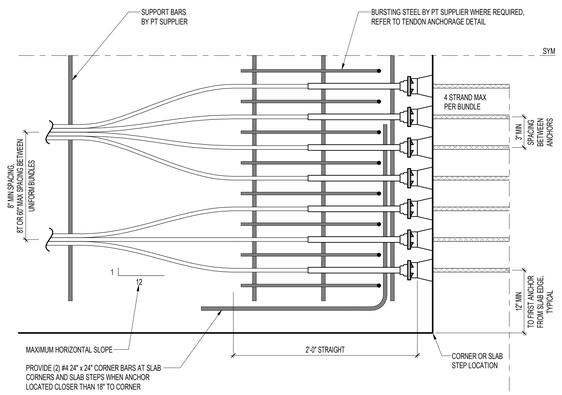
STRESSING END ANCHOR DEVICE

2 S4000-1 POST-TENSIONED ANCHOR DETAILS

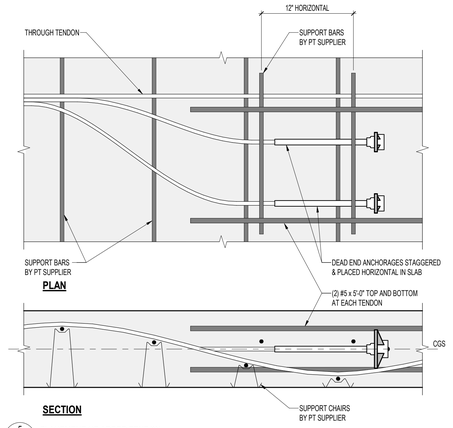


NOTE:
1. SPACING BETWEEN EACH GROUP OF (4) PT ANCHORS.

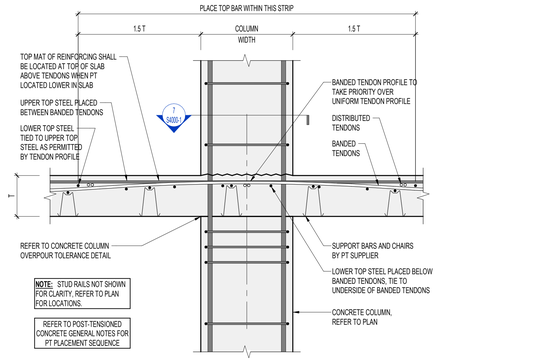
3 S4000-1 TYPICAL REINFORCING OF BANDED TENDONS AT SLAB EDGE OR AT INTERMEDIATE STRESSING



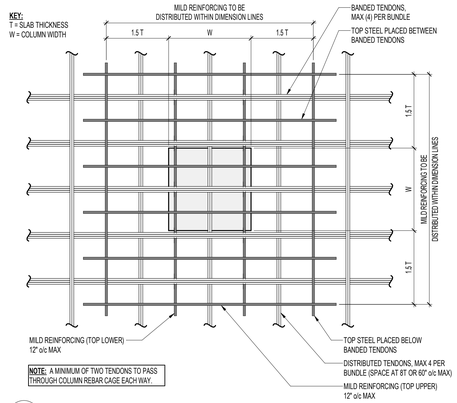
4 S4000-1 FLARING OF TENDONS AT SLAB EDGE



5 S4000-1 PLACEMENT OF ADDED TENDON

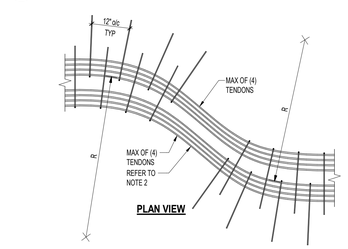


6 S4000-1 TYPICAL COLUMN SECTION



NOTE: A MINIMUM OF TWO TENDONS TO PASS THROUGH COLUMN REBAR CAGE EACH WAY.

7 S4000-1 INTERIOR SUPPORT REINFORCEMENT

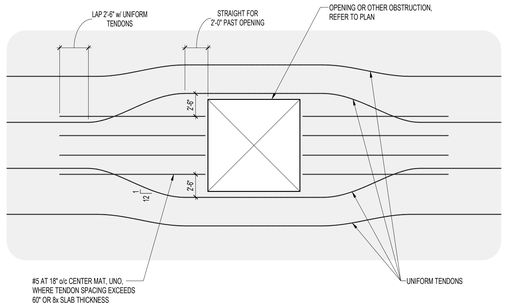


TENDON RADIUS "R"	REMARKS
LESS THAN 10'-0"	CONTACT EOR
10'-0" TO 20'-0"	#3 U-BARS AT 12" o/c
OVER 20'-0"	NO U-BAR REQUIRED

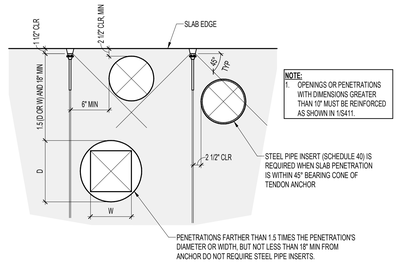
SECTION VIEW

NOTES:
CLEAR SPACING BETWEEN TENDONS APPLIES WHETHER OR NOT U-BARS ARE REQUIRED
NO U-BAR REINFORCEMENT REQUIRED IN STRAIGHT ZONES BETWEEN CURVES.

8 S4000-1 HAIRPIN REINFORCEMENT AT TENDON HORIZONTAL CURVE

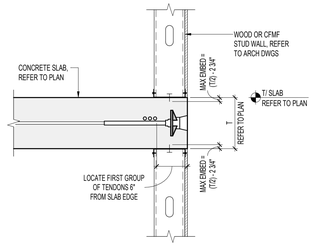


9 S4000-1 ADDED REINF WHERE UNIFORM TENDON SPACING EXCEEDS 60" OR 8x SLAB THICKNESS

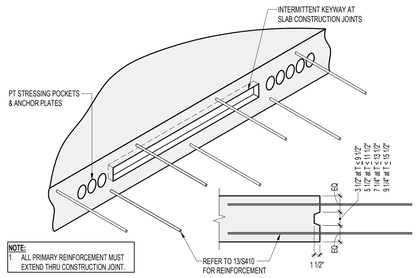


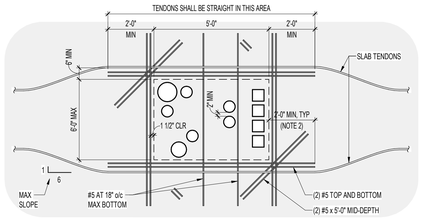
NOTE:
1. OPENINGS OR PENETRATIONS WITH DIMENSIONS GREATER THAN 10" MUST BE REINFORCED AS SHOWN IN 1/S411.

10 S4000-1 PENETRATIONS AT TENDON ANCHORS

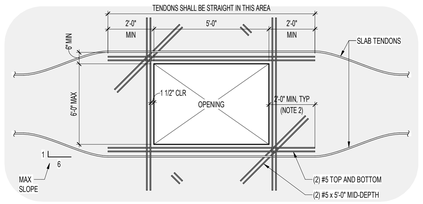


11 S4000-1 TYPICAL SLAB EDGE CONDITION


INTERMITTENT KEYWAY AT SLAB CONSTRUCTION JOINTS
PT STRESSING POCKETS & ANCHOR PLATES
2'-6" 2'-6" 2'-6"

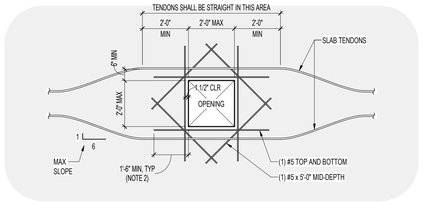


DETAIL AT MULTIPLE PENETRATIONS



DETAIL AT SINGLE OPENING

(EITHER DIMENSION GREATER THAN 2'-0" BUT LESS THAN OR EQUAL TO 6'-0")

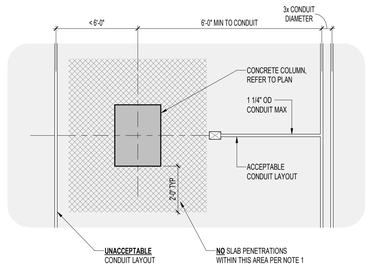


DETAIL AT SINGLE OPENING

(BOTH DIMENSIONS LESS THAN OR EQUAL TO 2'-0")

NOTES:
1. NOTIFY EOR IN WRITING OF OPENINGS NOT SHOWN ON PLANS OR OF CONDITIONS NOT COVERED BY THESE DETAILS.
2. PROVIDE STANDARD HOOK WHERE MINIMUM BAR EXTENSION PAST EDGE OF OPENING IS NOT POSSIBLE.
3. ADDITIONAL REINFORCEMENT NOT REQUIRED FOR SLAB OPENINGS LESS THAN 1'-0" x 1'-0".
4. NO OPENINGS TO BE LOCATED WITHIN 5'-0" OF COLUMN WITHOUT APPROVAL OF EOR.
5. WHEN OPENING IS EQUAL TO OR GREATER THAN 4'-0", PROVIDE ADDITIONAL REINFORCEMENT PER 2/S411.
6. WHERE REINFORCEMENT IS INTERRUPTED BY OPENING, REFER TO "REINFORCING AT CONCRETE OPENINGS" DETAIL ON S400.

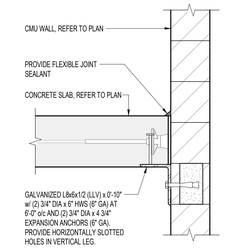
1 S4001-1 ADDED REINFORCEMENT AT OPENINGS IN PT SLAB



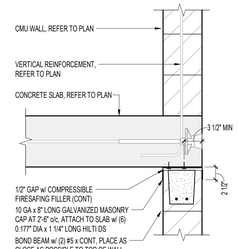
SLAB PENETRATIONS AND CAST IN CONDUIT / PIPING CRITERIA

1. UNLESS SHOWN ON STRUCTURAL DRAWINGS, NO SLAB PENETRATIONS ARE PERMITTED WITHIN 2'-0" OF COLUMN FACE WITHOUT PRIOR WRITTEN APPROVAL FROM SEOR.
2. EMBEDDED CONDUIT / PIPING NOTES -
   a. MAINTAIN A MINIMUM 6'-0" DISTANCE FROM COLUMN CENTERLINE TO CONDUIT LOCATION. WHERE CONDUIT IS REQUIRED NEAR A COLUMN, ROUTE CONDUIT SUCH THAT IT APPROACHES PERPENDICULAR TO COLUMN FACE.
   b. CONDUIT SHALL BE IN THE MIDDLE 1/3 OF THE SLAB DEPTH.
   c. CENTER TO CENTER SPACING BETWEEN EACH CONDUIT SHALL BE AT LEAST 3 CONDUIT DIAMETERS.
   d. MAXIMUM OF (6) CONDUITS PER 4'-0" OF SLAB WIDTH PERMITTED.
   e. CONDUIT OUTSIDE DIAMETER SHALL NOT EXCEED 1 1/4".
   f. ALUMINUM CONDUIT OR OTHER ACCESSORIES SHALL NOT BE PERMITTED.
3. POST-TENSIONING, MILD REINFORCING, AND STUD RAIL PLACEMENT TAKES PRECEDENCE OVER CONDUIT AND PENETRATION PLACEMENT IN ALL CASES. MINOR HORIZONTAL SHIFTING OF TENDONS IS PERMISSIBLE WITH PRIOR APPROVAL FROM SEOR.
4. REFER TO TYPICAL DETAILS FOR REINFORCEMENT AT OPENINGS.
5. REFER TO 10/S4000-1 FOR ADDITIONAL REQUIREMENTS AT OPENINGS NEAR TENDON ANCHORS.

2 S4001-1 POST-TENSIONED SLAB PENETRATION AND CONDUIT PLACEMENT PLAN CRITERIA

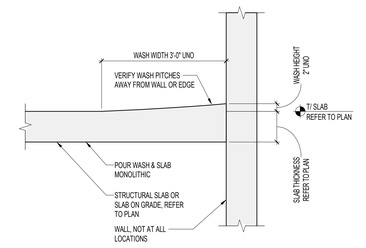


AT BALLOON FRAMED WALLS

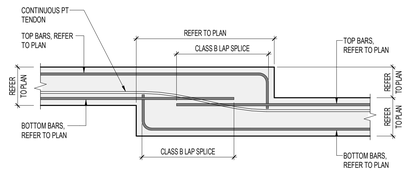


AT INFILL WALLS

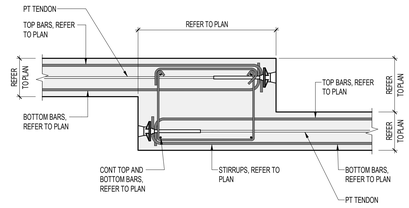
3 S4001-1 CMU WALL / SLAB CONNECTIONS



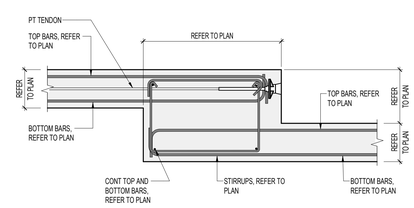
4 S4001-1 SLAB WASH DETAIL



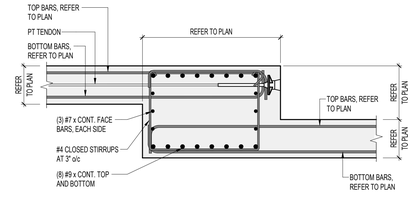
5 S4001-1 REINFORCING AT SLAB ELEVATION TRANSITION w/ CONTINUOUS PT



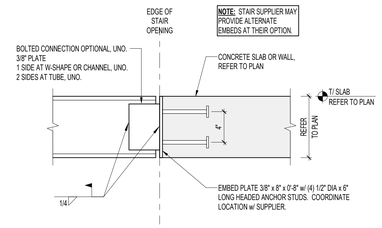
6 S4001-1 REINFORCING AT SLAB ELEVATION TRANSITION w/ DISCONTINUOUS PT



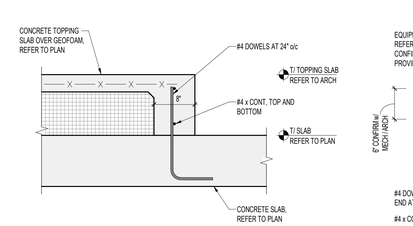
7 S4001-1 REINFORCING AT SLAB ELEVATION TRANSITION w/ DISCONTINUOUS PT



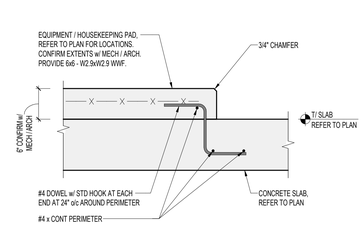
8 S4001-1 REINFORCING AT SLAB ELEVATION TRANSITION w/ DISCONTINUOUS PT



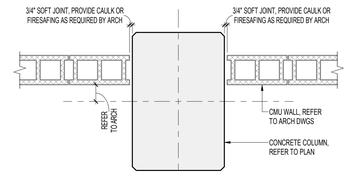
9 S4001-1 EMBED AT STAIR & ELEVATOR GIRT



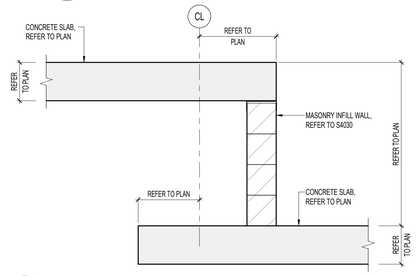
10 S4001-1 TYPICAL TOPPING SLAB TO PT SLAB



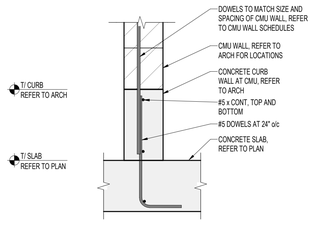
11 S4001-1 HOUSEKEEPING PAD ON CONCRETE SLAB



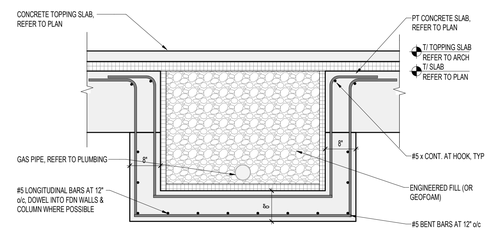
12 S4001-1 SOFT JOINT AT CMU TO COLUMN FACE



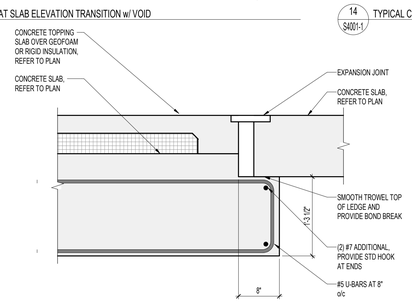
13 S4001-1 MASONRY INFILL AT SLAB ELEVATION TRANSITION w/ VOID



14 S4001-1 TYPICAL CURB WALL REINFORCEMENT



15 S4001-1 CONCRETE TROUGH DETAIL



16 S4001-1 SLAB AT BRIDGE SUPPORT

EMBED SCHEDULE - PHASE 1

MARK	PLATE / ANGLE	CONNECTORS	CONFIGURATION
EP1-1	PLATE 1/2" x 2'-4" x 1'-8"	(4) 3/4" DIA x 5" HWS	1'-4" 22" GAGE
EP2-1	PLATE 1/2" x 10" x 0'-6"	(2) 1/2" DIA x 4" HWS	1 1/2" 7"
EP3-1	PLATE 3/4" x 8" x 1'-0"	(4) 1/2" DIA x 6" HWS	1 1/2" 7" 3 1/2" 5" GAGE
EP4-1	PLATE 1/2" x 8" x 0'-8"	(4) 3/4" DIA x 6" HWS	1 1/2" 5" 1 1/2" 5" GAGE
EP5-1	PLATE 1/2" x 10" x 0'-6"	(4) 1/2" DIA x 6" HWS	1 1/2" 7" 1 1/2" 4" GAGE
EP6-1	PLATE 3/4" x 14" x 1'-2"	(4) 7/8" DIA x 8" HWS	10" 10" GAGE
EP7-1	PLATE 3/4" x 12" x 1'-0"	(4) 3/4" DIA x 8" HWS	8" 8" GAGE
EP8-1	PLATE 1" x 13" x 1'-1"	(4) 3/4" DIA x 6 1/2" HWS	9" 9" GAGE
EP9-1	PLATE 3/4" x 13" x 1'-2"	(4) #5 A706 HOOKED BAR x XX"	5" 8" 10" GAGE
EP10-1	PLATE 1/2" x 10" x 1'-0"	(2) 3/4" DIA x 4 1/2" HWS	6" 7" GAGE
EP11-1	PLATE 1/2" x 16" x 1'-4"	(4) 3/4" DIA x 7" HWS	1 1/2" 1'-1" 1 1/2" 13" GAGE
EP12-1	PLATE 1" x 12" x 1'-0"	(4) 7/8" DIA x 12" HWS	8" 8" GAGE
EP13-1	PLATE 3/4" x 9" x 1'-0"	(4) #5 A706 BAR x 30"	6o 9" GAGE

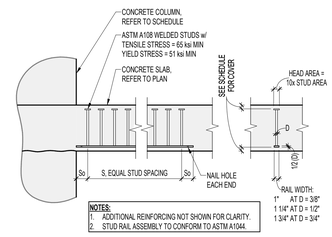
EMBED SCHEDULE NOTES:
1. SUPPLIER TO PROVIDE EMBED LAYOUT DRAWINGS FOR ALL EMBEDS.
2. ALL EMBEDS IN PARKING SLABS, BALCONIES, AND EXPOSED TO WEATHER SHALL BE GALVANIZED.
3. REFER TO TYPICAL DETAILS ON S400 AND S401 FOR TYPICAL EMBEDS NOT SCHEDULED.

HEADED SHEAR STUD REINFORCEMENT SCHEDULE - PHASE 1

PLAN MARK	SR1-1	SR2-1	SR3-1	SR4-1	SR5-1	SR6-1	SR7-1	SR8-1	SR9-1	SR10-1	SR11-1	SR12-1	SR13-1	SR14-1	SR15-1
TYPE	A-1	A-1	B-1	C-1	A-1	C-1	A-1	A-1	B-1	B-1	A-1	B-1	A-1	B-1	A-1
NUMBER OF RAILS / COLUMN	14	12	9	18	20	9	15	24	10	10	12	9	20	8	12
NUMBER OF STUDS / RAIL	11	11	11	11	18	18	18	10	14	18	20	20	26	11	10
STUD DIAMETER	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	5/8	3/4
STUD SPACING, S	4	4	4	4	3	3	3	4	4	3	4	4	4	4	4
DISTANCE TO FIRST STUD, So	2 7/8	2 7/8	2 7/8	2 7/8	2 7/8	2 7/8	2 7/8	2 7/8	4	2 7/8	4	4	4	3 3/8	4
TOP COVER	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1	1
BOTTOM COVER	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

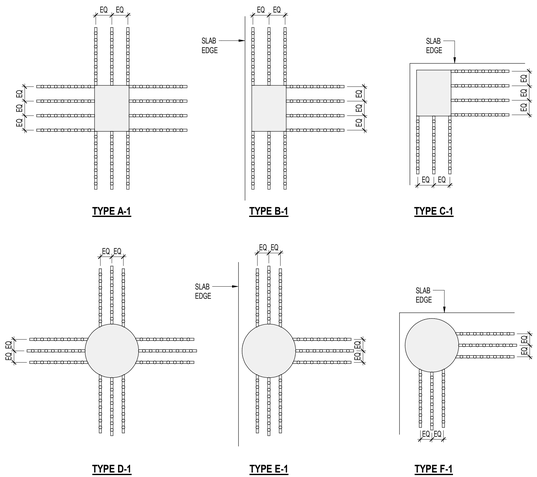
HEADED SHEAR STUD REINFORCEMENT SCHEDULE NOTES:
1. GALVANIZE ALL STUD RAILS AT PARKING SLABS AND LOCATIONS FALLING IN BALCONY.
2. PROVIDE 1 1/2" TOP COVER AT GALVANIZED STUD RAILS.

HEADED SHEAR STUD REINFORCEMENT DETAIL



NOTES:
1. ADDITIONAL REINFORCING NOT SHOWN FOR CLARITY.
2. STUD RAIL ASSEMBLY TO CONFORM TO ASTM A1044.

HEADED SHEAR STUD REINFORCEMENT TYPES



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PE Project: 22019

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

CONCRETE FRAMING DETAILS

S4001-1

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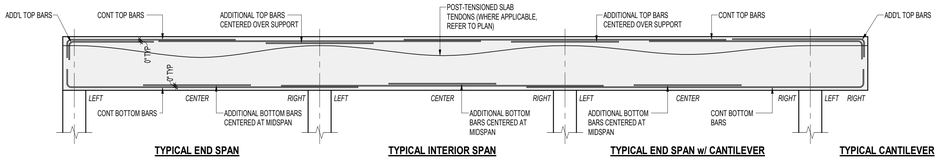
CONCRETE BEAM SCHEDULE - PHASE 1

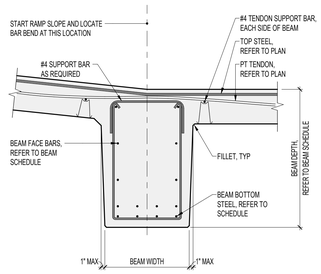
MARK	BEAM DIMENSIONS		STIRRUPS		LONGITUDINAL REINFORCEMENT			REMARKS
	WIDTH	DEPTH	SIZE	QUANTITY & SPACING AT EACH END OF BEAM	TOP BARS (2)	BOTTOM BARS (3)	BEAM FACE BARS (4)	
B1-1	24"	27"	#4	FULL LENGTH AT 4" o/c	(6) #9	(6) #9	#7 AT 8" o/c	REFER TO 4/S4010-1
B2-1	12"	48"	#4	FULL LENGTH AT 18" o/c	(4) #7	(3) #9	#5 AT 9" o/c	
B3-1	12"	24"	#4	FULL LENGTH AT 10" o/c	(2) #7	(2) #9	N/A	REFER TO 7/S4010-1
B4-1	24"	30"	#4	FULL LENGTH AT 10" o/c	(6) #7	(9) #9	#7 AT 6" o/c	REFER TO 5/S4010-1
B5-1	18"	24"	#4	FULL LENGTH AT 4" o/c	(4) #7	(4) #9	#7 AT 10" o/c	REFER TO 5/S4010-1 AND 6/S4010-1
B6-1	10"	38"	#3	FULL LENGTH AT 10" o/c	(3) #7	(4) #9	#5 AT 4" o/c	BOTTOM BARS IN (2) LAYERS
B7-1	24"	28"	#4	FULL LENGTH AT 10" o/c	(10) #7	(8) #9	N/A	
B8-1	10"	34"	#3	FULL LENGTH AT 10" o/c	(2) #7	(2) #7	N/A	EPOXY COATED BARS
B9-1	24"	30"	#4	FULL LENGTH AT 4" o/c	(16) #9	(6) #9	N/A	TOP BARS IN (2) LAYERS
B10-1	24"	45"	#4	FULL LENGTH AT 4" o/c	(8) #7	(8) #9	#5 AT 9" o/c	EPOXY COATED BARS REFER TO 8/S4010-1
B11-1	16"	24"	#4	FULL LENGTH AT 4" o/c	(5) #9	(5) #9	N/A	
B12-1	16"	44"	#4	FULL LENGTH AT 4" o/c	(12) #7	(15) #9	#5 AT 9" o/c	TOP BARS IN (2) LAYERS BOTTOM BARS IN (3) LAYERS

CONCRETE BEAM SCHEDULE NOTES:
1. CONCRETE STRENGTH TO MATCH SLAB CONCRETE STRENGTH, UNO.
2. SPLICE TOP AND SIDE BARS AT BEAM MIDSPAN. PROVIDE STD HOOKS AT BEAM ENDS.
3. SPLICE BOTTOM BARS AT COLUMN LOCATIONS. PROVIDE STD HOOKS AT EVERY OTHER BAR.
4. BEAM FACE BARS SHALL BE PLACED ALONG EACH FACE OF BEAM AND SPACED EQUALLY BETWEEN TOP AND BOTTOM BARS. BARS SHALL BE CONTINUOUS w/ CLASS B LAP SPLICES AS REQUIRED.
5. EPOXY COAT ALL BEAM REINFORCEMENT IN PARKING AREAS AND EXPOSED CONDITIONS.
6. WHERE REQUIRED, BARS IN (2) LAYERS SHALL HAVE A GREATER OF 1" OR BAR DIAMETER CLEAR BETWEEN LAYERS.
7. UNO, BEAM DEPTH INCLUDES SLAB THICKNESS.

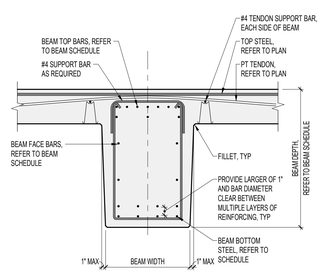




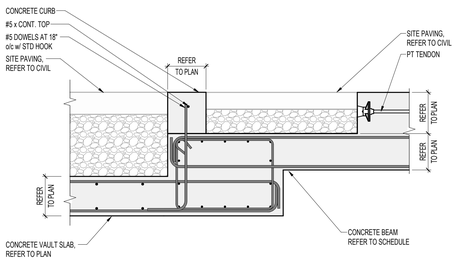
1 S4010-1 BEAM ELEVATIONS



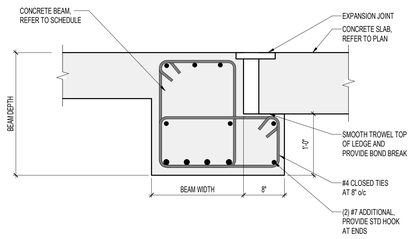
2 S4010-1 PT AT RAMP BEAM



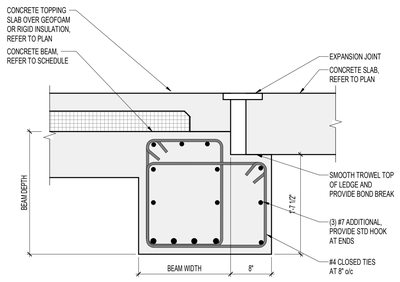
3 S4010-1 PT AT BEAM



4 S4010-1 BEAM AT VAULT ROOF TRANSITION



5 S4010-1 BEAM AT BRIDGE SUPPORT



6 S4010-1 BEAM AT BRIDGE SUPPORT

7 S4010-1 BEAM AT CANTILEVER

8 S4010-1 BEAM AT POOL

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PE Project: 22019

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

CONCRETE BEAM SCHEDULE AND DETAILS

S4010-1

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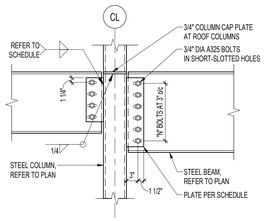
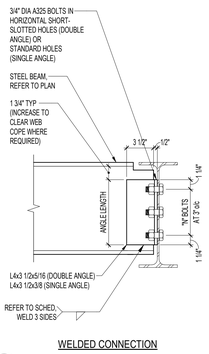
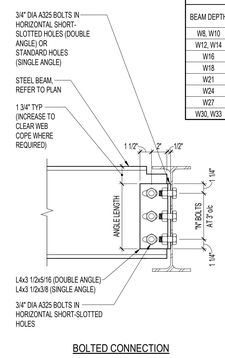
BEAM DEPTH	N	PLATE	WELD
W8, W10	2	5/16" x 4 1/2" x 0'-5 1/2"	1/4"
W12, W14	3	5/16" x 4 1/2" x 0'-8 1/2"	1/4"
W16	4	5/16" x 4 1/2" x 0'-11 1/2"	1/4"
W18	5	5/16" x 4 1/2" x 1'-2 1/2"	1/4"
W21	6	5/16" x 4 1/2" x 1'-5 1/2"	1/4"
W24	7	5/16" x 4 1/2" x 1'-8 1/2"	1/4"
W27	8	5/16" x 4 1/2" x 1'-11 1/2"	1/4"
W30, W33	9	5/16" x 4 1/2" x 2'-2 1/2"	1/4"



1 S4020-1 TYPICAL SHEAR PLATE CONNECTION



WELDED CONNECTION



BOLTED CONNECTION

2 S4020-1 TYPICAL ANGLE CONNECTIONS

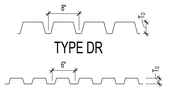
CONNECTION SCHEDULE

BEAM DEPTH	N	ANGLE LENGTH	WELD SIZE
W8, W10	2	5 1/2"	1/4"
W12, W14	3	8 1/2"	1/4"
W16	4	11 1/2"	1/4"
W18	5	14 1/2"	1/4"
W21	6	17 1/2"	1/4"
W24	7	20 1/2"	1/4"
W27	8	23 1/2"	1/4"
W30, W33	9	26 1/2"	1/4"

CONNECTION SCHEDULE NOTES
- PROVIDE DOUBLE ANGLE CONNECTION AT ALL BEAMS TO WF COLUMNS
- PROVIDE DOUBLE ANGLE CONNECTION AT ALL BEAMS WITH BOTTOM FLANGE COPE, UNO.

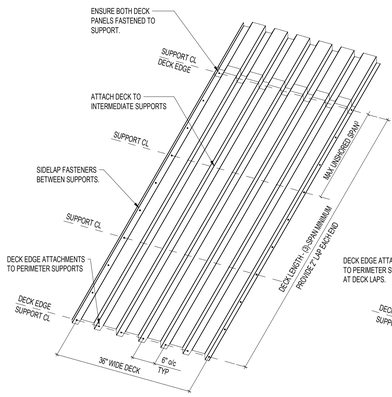
METAL DECK SCHEDULE - PHASE 1

MARK/LOCATION	STEEL DECK PROFILE	GAUGE[2]	DECK THICKNESS (T_{cb})	F_y (MIN)	FINISHING	STEEL DECK ATTACHMENT[4]		
						DECK TO INTERMEDIATE SUPPORTS	SIDELAP FASTENERS	DECK EDGE ATTACHMENT
RD-1/ELEVATOR ROOF	DR	18	3"	40 KSI	GALVANIZED	5/8" DIA PUDDLE WELDS IN 32-4 PATTERN	(4)-#10 TEK SCREWS	5/8" DIA PUDDLE WELDS 8" o/c

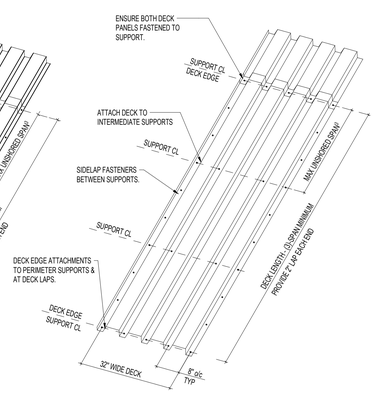


NOTES:
1. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION
2. UNLESS NOTED OTHERWISE ON PLAN
3. GC TO REFER TO SDI REQUIREMENTS FOR MAXIMUM UNSHORED DECK SPAN AND PROVIDE SHORING AS REQUIRED.
4. AT CONTRACTOR OPTION: DECK SUPPLIER MAY PROVIDE HILTI OR OTHER PROPRIETARY POWDER ACTUATED FASTENER LAYOUT TO MEET OR EXCEED DIAPHRAGM ATTACHMENT STRENGTH, STIFFNESS, AND REQUIRED WIND UPLIFT RESISTANCE PER VALUES STATED ON SDI DIAPHRAGM DESIGN MANUAL FOURTH EDITION. ALL PERSONNEL INSTALLING PROPRIETARY FASTENERS SHALL BE TRAINED AND CERTIFIED BY THE FASTENER SYSTEM MANUFACTURER AND FOLLOW ALL MANUFACTURER'S REQUIREMENTS. ADDITIONAL CARE MUST BE TAKEN IN THE EVENT THAT THE SUPPORTING MATERIAL BELOW THE DECK IS NOT HOT-ROLLED STEEL (E.G. COLD-FORMED TOP AND BOTTOM JOIST CHORDS). CONTRACTOR SHALL SUBMIT VALID CERTIFICATION FROM THE MANUFACTURER ON ALL PERSONNEL.
5. REFER TO METAL DECK PROPERTY TABLES FOR MINIMUM SECTION PROPERTIES.

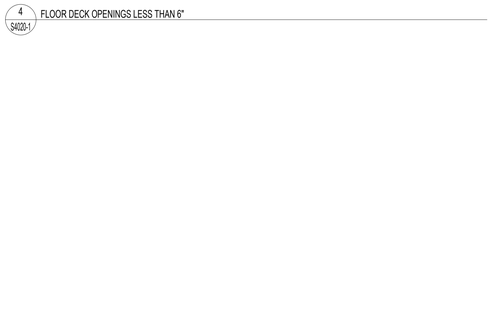
3 S4020-1 METAL DECK SCHEDULE



36" WIDE DECK



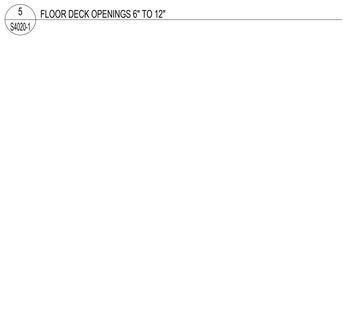
32" WIDE DECK



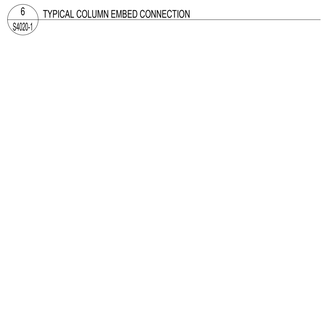
DECK WITHOUT TOPPING

DECK WITH CONCRETE TOPPING

4 S4020-1 FLOOR DECK OPENINGS LESS THAN 6"



5 S4020-1 FLOOR DECK OPENINGS 6" TO 12"



6 S4020-1 TYPICAL COLUMN EMBED CONNECTION

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 720448

STEEL FRAMING DETAILS - PHASE 1

S4020-1

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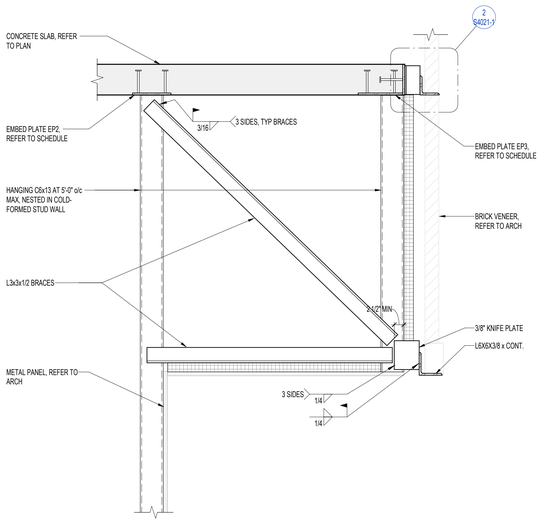
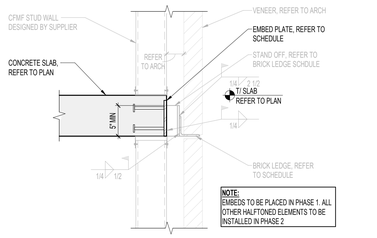
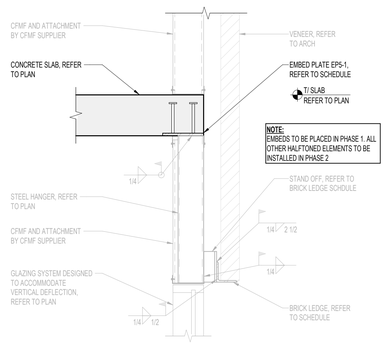


1 S4021-1 STEEL BRACING DETAIL

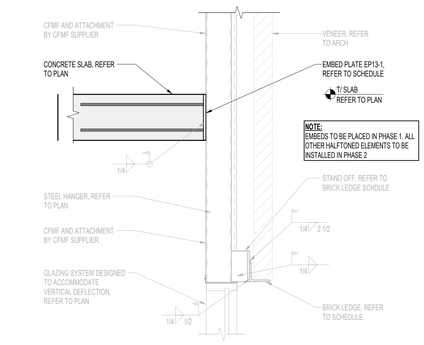


NOTES:
1. SPLICE BRICK LEDGE AT 20'-0" MAX. PROVIDE 1/4" GAPS AT SPLICE LOCATIONS FOR EXPANSION AND CONTRACTION. GAPS MUST BE LOCATED WITHIN 18" OF AN EMBED PLATE. ADD ADDITIONAL EMBED PLATES AS NEEDED.
2. BRICK LEDGE SHALL BE GALVANIZED AND PAINTED.
3. ADJUST LENGTH OF STANDOFF WHERE NECESSARY DUE TO BRICK LEDGE LOCATION IN RELATION TO SLAB ELEVATION.
4. CONTRACTOR MAY USE ANGLE w/ LONGER LEG FOR CUTTING TO ALLOW FOR SLAB EDGE TOLERANCES.

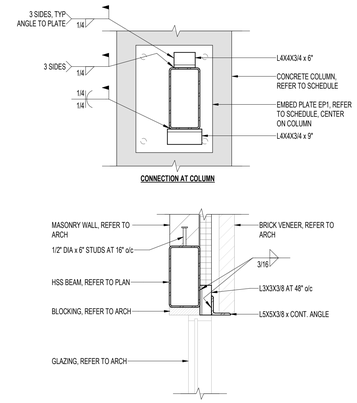
2 S4021-1 SLAB EMBED FOR PHASE 2 FRAMING



3 S4021-1 BRICK LEDGE DETAIL



4 S4021-1 SLAB EMBED FOR PHASE 2 FRAMING



5 S4021-1 BEAM DETAIL

6 S4021-1 BARRIER CABLE BOLLARD DETAIL

7 S4021-1 BARRIER CABLE ANCHOR COLUMN

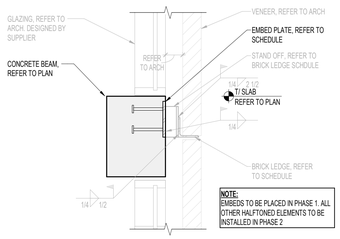
8 S4021-1 SLAB EMBEDS FOR PHASE 2 FRAMING

11 S4021-1 COLUMN DETAIL

9 S4021-1 SLAB EMBEDS FOR PHASE 2 FRAMING

BRICK LEDGE SCHEDULE				
MARK	SIZE	EMBED PLATE/ANCHOR	STANDOFF	REMARKS
BL1	L5x5x1/2	EP4-1 AT 3'-0" o/c	L4x4x3/8	2/10 - S4021-1
BL2	L5x5x1/2	5/8" TITEN HD ANCHOR AT 3'-0" o/c, EMBED TO 4" MIN		10 - S4021-1
BL3	L6x4x1/2	EP4-1 AT 3'-0" o/c		2 - S4021-1
BL4	L5x5x1/2	EP4-1 AT 3'-0" o/c		2 - S4021-1
BL5	1/2" BENT PLATE 5'-5" 6"	EP4-1 AT 3'-0" o/c		2/10 - S4021-1
BL6	1/2" BENT PLATE 12" 8"	5/8" TITEN HD ANCHOR AT 3'-0" o/c, EMBED TO 4" MIN		8 - S3002-1
BL7	L6x6x1/2	5/8" TITEN HD ANCHOR AT 3'-0" o/c, EMBED TO 4" MIN		8 - S3002-1

BRICK LEDGE SCHEDULE NOTES:
1. AT BRICK LEDGE, RUN CONTINUOUS BUT LEAVE 1/4" GAPS AT 20'-0" o/c MAX FOR EXPANSION AND CONTRACTION. GAPS MUST BE LOCATED WITHIN 18" OF AN EMBED PLATE. ADD ADDITIONAL EMBED PLATES AS NEEDED.
2. ALL LEDGES SHALL BE GALVANIZED AND PAINTED.
3. STAINLESS STEEL BRICK LEDGES REQUIRED WHERE CALLED OUT IN DETAILS.
4. ADJUST LENGTH OF STANDOFF WHERE NECESSARY DUE TO BRICK LEDGE LOCATION IN RELATION TO SLAB ELEVATION. AT CONTRACTOR'S OPTION, ANGLE WITH A LONGER LEG MAY BE USED TO ALLOW FOR CUTTING TO ADJUST FOR SLAB EDGE TOLERANCES.



NOTES:
1. SPLICE BRICK LEDGE AT 20'-0" MAX. PROVIDE 1/4" GAPS AT SPLICE LOCATIONS FOR EXPANSION AND CONTRACTION. GAPS MUST BE LOCATED WITHIN 18" OF AN EMBED PLATE. ADD ADDITIONAL EMBED PLATES AS NEEDED.
2. BRICK LEDGE SHALL BE GALVANIZED AND PAINTED.
3. ADJUST LENGTH OF STANDOFF WHERE NECESSARY DUE TO BRICK LEDGE LOCATION IN RELATION TO BEAM ELEVATION.
4. CONTRACTOR MAY USE ANGLE w/ LONGER LEG FOR CUTTING TO ALLOW FOR SLAB EDGE TOLERANCES.

10 S4021-1 BEAM EMBED

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S4021-1

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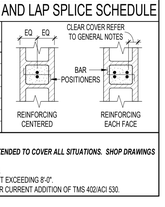
MASONRY (CMU) REINFORCEMENT DEVELOPMENT AND LAP SPLICE SCHEDULE

BAR SIZE	CENTERED						CLEAR COVER - EACH FACE - ALL BLOCK - ASD	
	6" BLOCK	8" BLOCK	10" BLOCK	12" BLOCK	14" BLOCK	16" BLOCK	1 1/2"	2"
#3	12"	12"	12"	12"	12"	12"	15"	12"
#4	16"	12"	12"	12"	12"	12"	26"	20"
#5	25"	18"	14"	12"	12"	12"	41"	31"
#6	47"	34"	26"	21"	18"	17"	77"	58"
#7	---	47"	36"	29"	25"	22"	104"	78"
#8	---	71"	55"	45"	38"	32"	156"	117"
#9	---	---	70"	57"	48"	41"	198"	149"



MASONRY (CMU) REINFORCING DEVELOPMENT AND LAP SPLICE SCHEDULE NOTES:
1. ***THIS SCHEDULE IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR AND IS NOT INTENDED TO COVER ALL SITUATIONS. SHOP DRAWINGS SHALL CLEARLY INDICATE ALL REQUIRED LAP LENGTHS.***
2. VALUES IN THIS SCHEDULE ARE BASED ON NORMAL WEIGHT MASONRY BLOCK. f'm = 2,500 psi.
3. LOCATE BAR POSITIONERS AT SPLICES, TOP AND BOTTOM OF WALLS, AND AT INTERVALS NOT EXCEEDING 8'-0"
4. TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPLICE LENGTHS ARE CALCULATED PER CURRENT ADDITION OF TMS 402/ACI 530.

NON-LOAD BEARING EXTERIOR MASONRY WALL REINFORCING SCHEDULE

CLEAR HEIGHT	WALL THICKNESS	VERTICAL REINFORCEMENT & SPACING	REMARKS
H ≤ 10'-0"	8"	#4 AT 64" o/c MAX, CENTERED	
10'-0" ≤ H ≤ 15'-0"	8"	#5 AT 48" o/c MAX, CENTERED	
15'-0" ≤ H ≤ 20'-0"	8"	#5 AT 24" o/c MAX, CENTERED	
20'-0" ≤ H ≤ 25'-0"	8"	#6 AT 24" o/c MAX, CENTERED	
ALL PARKING, H ≤ 18'-0"	8"	#5 AT 16" o/c MAX, CENTERED	

NON-LOAD BEARING EXTERIOR MASONRY WALL REINFORCING SCHEDULE NOTES:
1. WALLS THAT ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE CONSIDERED NON-LOAD BEARING. REFER TO ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS AND DIMENSIONS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR OPENING LOCATIONS, ELEVATIONS, AND SIZES.
3. GROUT CONCRETE MASONRY UNITS SOLID FULL HEIGHT OF BUILDING AT REINFORCEMENT LOCATIONS.
4. UNLESS NOTED OTHERWISE, PROVIDE #4 x 16" LONG DOWELS WITH 3" ADHESIVE EMBED INTO LOWER CONCRETE SUPPORT. SPACING TO MATCH VERTICAL WALL REINFORCING.
5. REFER TO DETAIL SHEETS FOR TOP OF WALL BRACING.
6. REFER TO NON-LOAD BEARING WALL LINTEL SCHEDULE FOR LINTELS.
7. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF SOLIDLY GROUTED WALLS.

NON-LOAD BEARING INTERIOR MASONRY WALL REINFORCING SCHEDULE

CLEAR HEIGHT	WALL THICKNESS	VERTICAL REINFORCEMENT & SPACING	REMARKS
H ≤ 18'-0"	8" MIN	UNREINFORCED	

NON-LOAD BEARING INTERIOR MASONRY WALL REINFORCING SCHEDULE NOTES:
1. WALLS THAT ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE CONSIDERED NON-LOAD BEARING. REFER TO ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS AND DIMENSIONS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR OPENING LOCATIONS, ELEVATIONS, AND SIZES.
3. GROUT CONCRETE MASONRY UNITS SOLID FULL HEIGHT OF BUILDING AT REINFORCEMENT LOCATIONS.
4. UNLESS NOTED OTHERWISE, PROVIDE DOWELS INTO FOOTING TO MATCH VERTICAL WALL REINFORCEMENT.
5. REFER TO DETAIL SHEETS FOR TOP OF WALL BRACING.
6. REFER TO NON-LOAD BEARING WALL LINTEL SCHEDULE FOR LINTELS.
7. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF SOLIDLY GROUTED WALLS.

NON-LOAD BEARING MASONRY WALL LINTEL SCHEDULE

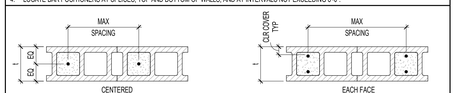
LINTEL SIZE	MAX OPENING (CLEAR DISTANCE BETWEEN JAMBS)	REMARKS
8" DEEP BOND BEAM w/ (2) #5 x CONT	5'-4"	8" MIN BEARING
16" DEEP BOND BEAM w/ (2) #5 x CONT	12'-0"	8" MIN BEARING

NON-LOAD BEARING WALL LINTEL SCHEDULE NOTES:
1. WALLS THAT ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE CONSIDERED NON-LOAD BEARING. REFER TO ARCHITECTURAL DRAWINGS FOR ALL WALL LOCATIONS AND DIMENSIONS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR OPENING LOCATIONS, ELEVATIONS, AND SIZES.
3. GROUT CMU UNDER BEARING A MINIMUM OF 16" WIDE x 3 COURSES DEEP.
4. CONTRACTOR TO DESIGN AND PROVIDE TEMPORARY SHORING FOR ERECTION OF BOND BEAM LINTELS.

LOAD BEARING MASONRY WALL REINFORCING SCHEDULE

MARK	NOMINAL WALL THICKNESS (I)	BAR PER CELL	MAX SPACING	REINFORCEMENT LOCATION IN CELL	REMARKS
MW-1	8"/12"	#5	24" o/c	CENTERED	

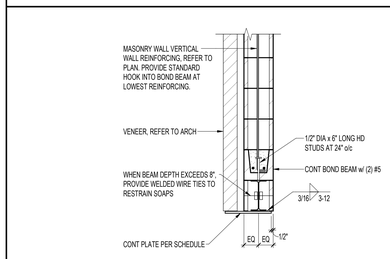
MASONRY WALL REINFORCEMENT SCHEDULE NOTES:
1. GROUT CONCRETE MASONRY UNITS SOLID FULL HEIGHT OF BUILDING AT REINFORCEMENT LOCATIONS.
2. UNLESS NOTED OTHERWISE, PROVIDE DOWELS INTO FOOTING TO MATCH VERTICAL WALL REINFORCEMENT.
3. FOR LAP SPLICE LENGTH REFER TO LAP SPLICE SCHEDULE.
4. LOCATE BAR POSITIONERS AT SPLICES, TOP AND BOTTOM OF WALLS, AND AT INTERVALS NOT EXCEEDING 8'-0".



LOAD BEARING MASONRY WALL LINTEL SCHEDULE

MARK	TYPE	BEAM SIZE OR BOND BEAM DEPTH	CONT PLATE THICKNESS	BOND BEAM BOTTOM REINF. UNO	STIRRUPS	BEARING PLATE SIZE	REMARKS
L1	A	W8x28	3/8"		-	1/2"x7"x0'-8" w/ (2) 1/2"Ø x 10" HEADED STUDS AT 5" GAGE	

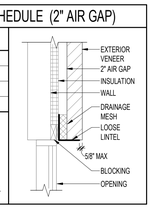
LOAD BEARING LINTEL SCHEDULE NOTES:
1. UNLESS STEEL LINTEL BEAM CONNECTS TO A COLUMN, PROVIDE 8" BEARING AT EACH END OF LINTEL.
2. EXTEND BOND BEAM REINFORCING 30" PAST OPENING EXTENTS. REINFORCING THAT CANNOT ACHIEVE 30" PAST OPENING SHALL TERMINATE IN A 180° HOOK AND EXTEND AT LEAST 18" PAST OPENING. NOTIFY ENGINEER IF THIS CANNOT BE ACHIEVED.
3. DO NOT INSTALL CONTROL JOINT WITHIN BOND BEAM REINFORCING EXTENTS.
4. EXTERIOR LINTELS TO BE HOT DIPPED GALVANIZED, UNLESS NOTED OTHERWISE. WHERE ARCH DRAWINGS CALL OUT PAINTED LINTELS, COORDINATE PREP AND CLEAN LINTEL FOR PAINTING AFTER GALVANIZING WITH ARCHITECT AND PAINTING CONTRACTOR.
5. REFER TO ARCH DRAWINGS FOR OPENING LOCATIONS, ELEVATIONS, AND SIZES.
6. REFER TO TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
7. GROUT CONCRETE MASONRY UNITS SOLID FULL HEIGHT AND LENGTH OF BOND BEAM LINTEL.

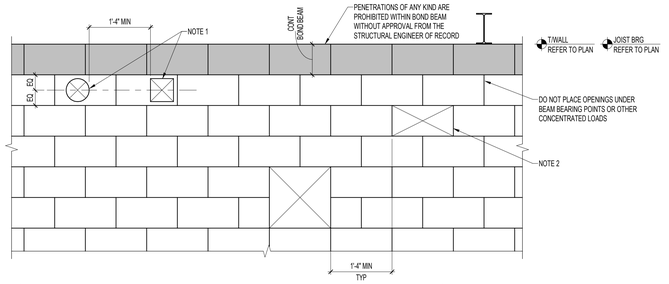


EXTERIOR MISCELLANEOUS VENEER LINTEL SCHEDULE (2" AIR GAP)

MAX OPENING (CLEAR DISTANCE BETWEEN WINDOW/DOOR JAMBS)	SIZE
3'-8" & LESS	L5x3x3/8 (LLH)
3'-9" to 5'-4"	L5x5x3/8
5'-5" to 6'-4"	PL3/8"x5"x7" (LLV)
6'-5" to 7'-8"	PL3/8"x5"x9" (LLV)

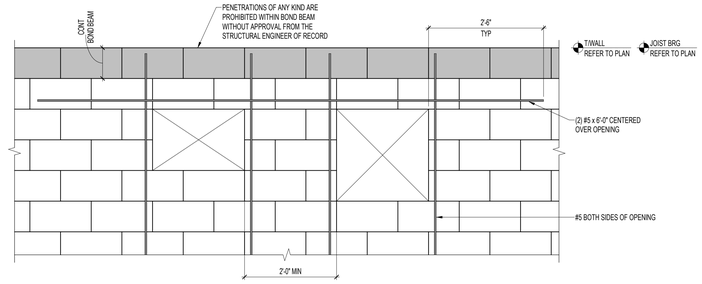
EXTERIOR MISCELLANEOUS VENEER LINTEL SCHEDULE NOTES:
1. THIS SCHEDULE APPLIES AT ALL OPENINGS IN EXTERIOR VENEER (BRICK, STONE, ETC.).
2. BEAR VENEER LINTEL 8" MINIMUM EACH END.
3. REFER TO ARCHITECTURAL DRAWINGS FOR OPENING SIZES AND LOCATIONS.
4. FOR VENEER SUPPORT AT OPENINGS GREATER THAN SHOWN ABOVE, SEE DETAIL AT SPECIFIED LOCATIONS.
5. VENEER LINTELS TO BE HOT-DIPPED GALVANIZED AND PAINTED. REFER TO ARCH FOR SPECIFICS.





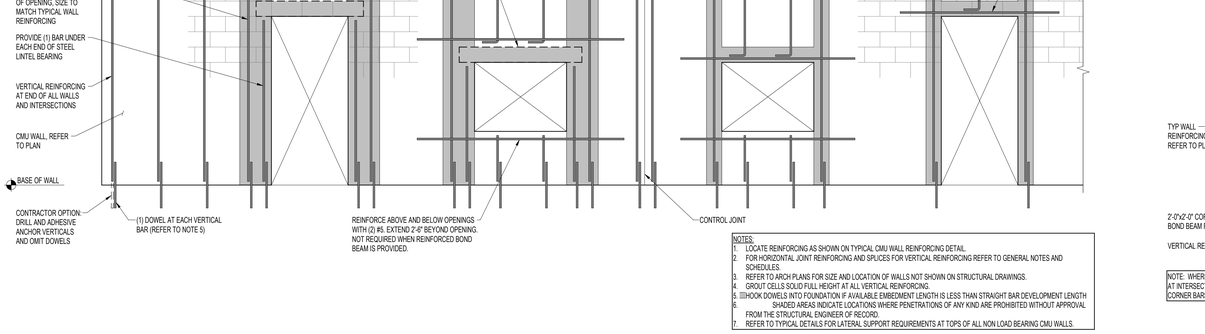
NOTES:
1. ROUND OR SQUARE HOLES NO GREATER THAN 8" MAY BE PLACED ANYWHERE IN UNREINFORCED CELLS AT MID-HEIGHT OF BLOCK. THESE OPENINGS SHALL NOT OCCUR THRU ENDS OF BLOCK AT HEAD JOINT NOR SHALL THEY INTERRUPT ANY VERTICAL OR HORIZONTAL WALL REBAR.
2. ONE FULL BLOCK MAY BE OMITTED FOR AN OPENING WITH NO ADDITIONAL REINFORCEMENT ABOVE. ANY VERTICAL OR HORIZONTAL REBAR INTERRUPTED SHALL BE PLACED IN ADJACENT CELLS.
3. REFER TO MEP DRAWINGS FOR SIZE AND LOCATION OF ALL MEP WALL PENETRATIONS.

1 S4030-1 TYPICAL SMALL MEP PENETRATIONS UP TO 16" WIDE



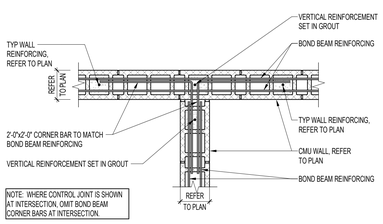
NOTES:
1. THIS DETAIL APPLIES TO MEP OPENINGS WITH A MAXIMUM DIMENSION OF RECTANGULAR, SQUARE, OR ROUND OPENING OF 32" AND LARGER THAN 16" UNLESS A SPECIFIC LINTEL IS CALLED OUT ON PLAN.
2. THIS DETAIL ONLY APPLIES TO NEW WALL CONSTRUCTION WHERE OPENING IS BUILT WITH WALL.
3. REFER TO MEP DRAWINGS FOR SIZE AND LOCATION OF ALL MEP WALL PENETRATIONS.
4. WHERE HORIZONTAL BARS ABOVE OPENING CANNOT BE EXTENDED AS SHOWN, PROVIDE HOOKED ENDS.

2 S4030-1 TYPICAL CMU WALL OPENING 16" UP TO 32"

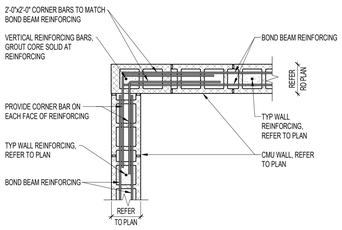


NOTES:
1. LOCATE REINFORCING AS SHOWN ON TYPICAL CMU WALL REINFORCING DETAIL.
2. FOR HORIZONTAL JOINT REINFORCING AND SPLICES FOR VERTICAL REINFORCING REFER TO GENERAL NOTES AND SCHEDULES.
3. REFER TO ARCH PLANS FOR SIZE AND LOCATION OF WALLS NOT SHOWN ON STRUCTURAL DRAWINGS.
4. GROUT CELLS SOLID FULL HEIGHT AT ALL VERTICAL REINFORCING.
5. HOOK DOWELS INTO FOUNDATION IF AVAILABLE EMBEDMENT LENGTH IS LESS THAN STRAIGHT BAR DEVELOPMENT LENGTH
6. SHADED AREAS INDICATE LOCATIONS WHERE PENETRATIONS OF ANY KIND ARE PROHIBITED WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD.
7. REFER TO TYPICAL DETAILS FOR LATERAL SUPPORT REQUIREMENTS AT TOPS OF ALL NON LOAD BEARING CMU WALLS.

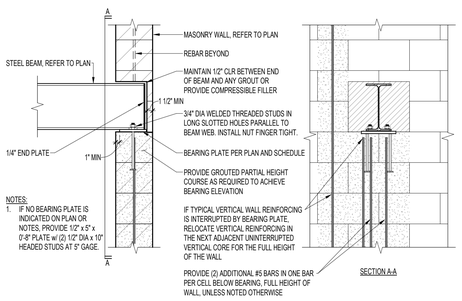
3 S4030-1 TYPICAL WALL ELEVATION



4 S4030-1 TYPICAL BOND BEAM INTERSECTION

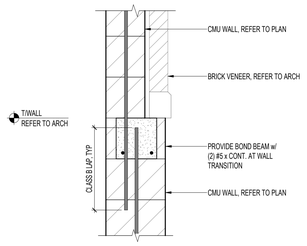


5 S4030-1 TYPICAL BOND BEAM CORNER

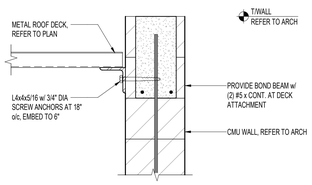


NOTES:
1. IF NO BEARING PLATE IS INDICATED ON PLAN OR NOTES, PROVIDE 1/2" x 6" x 0'-8" PLATE w/ (2) 1/2" DIA x 10" HEADED STUDS AT 5" GAGE.

6 S4030-1 TYPICAL STEEL BEAM AND BEARING PLATE PERPENDICULAR TO WALL



7 S4030-1 CMU WALL AT TRANSITION



8 S4030-1 ROOF DECK ATTACHMENT

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DEMO LEGEND

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KEYNOTES PER SHEET

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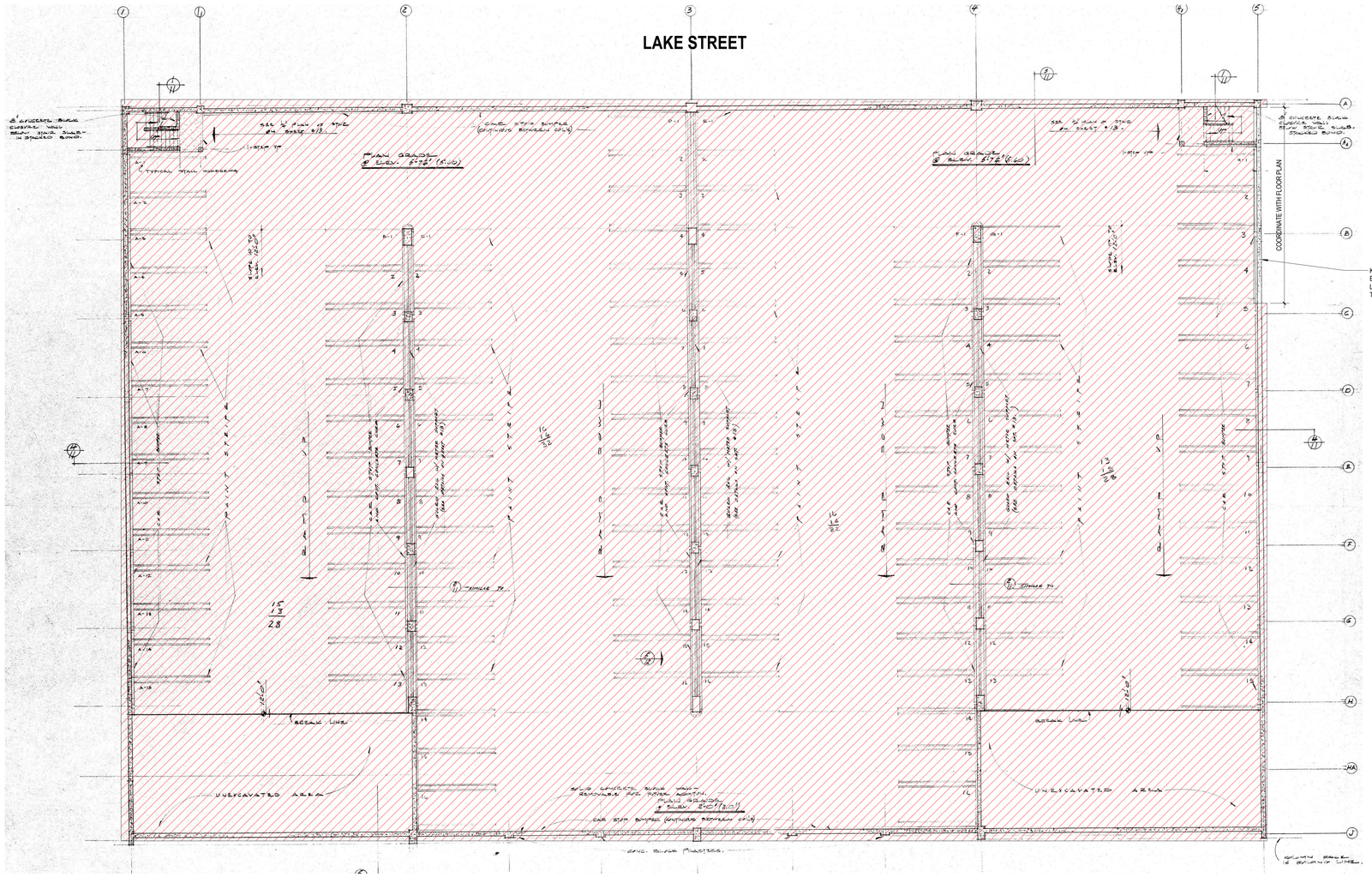

N A3 LOWER LEVEL DEMO PLAN
NTS

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
05-12-2023	SCHEMATIC DESIGN PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

LOWER LEVEL FLR DEMOLITION PLAN - PHASE 1

AD1000-1

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DEMO LEGEND

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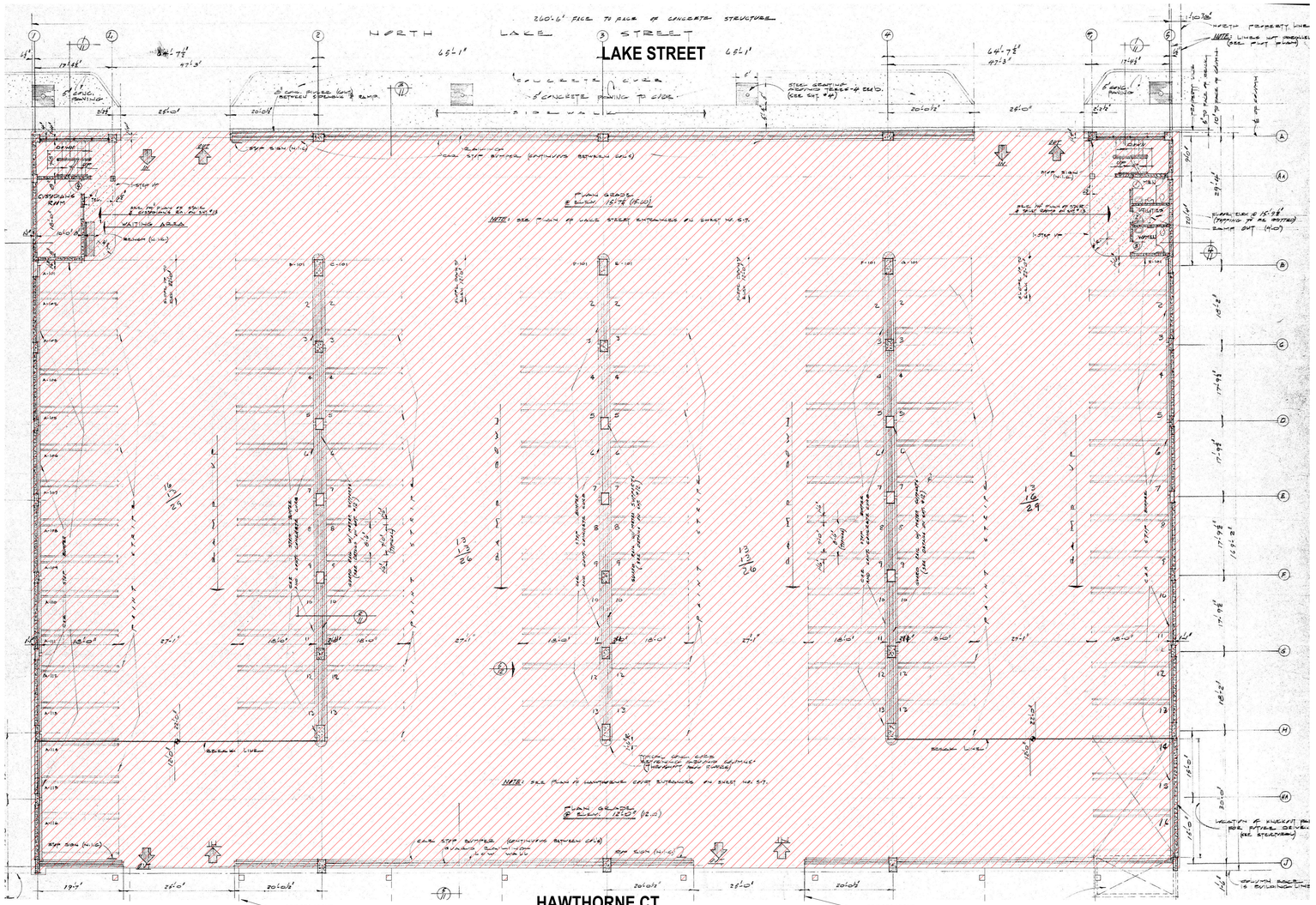

A3 1ST FLR DEMO PLAN
1" = 20'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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05-12-2023	SCHEMATIC DESIGN PH2
10-02-2024	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR DEMOLITION PLAN - PHASE 1

AD1001-1

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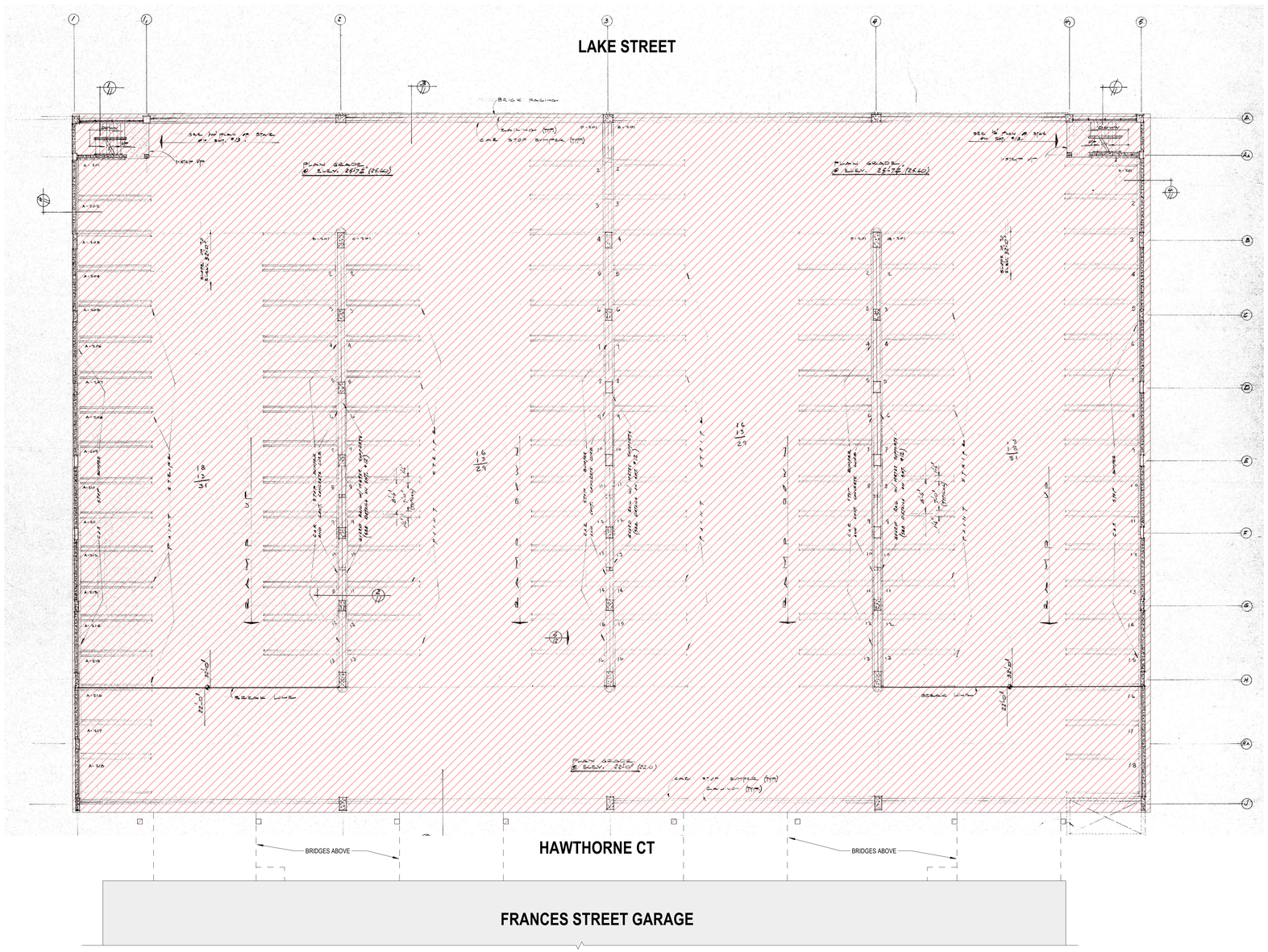

N A3 2ND FLR DEMO PLAN
1" = 20'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

2ND FLR DEMOLITION PLAN - PHASE 1

AD1002-1

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DEMOLISH BRIDGE SUPERSTRUCTURE, INCLUDING COLUMNS, FOOTINGS, AND BEAM.

CITY OF MADISON TO DECOMMISSION ELECTRICAL SERVICES ALONG HAWTHORNE CT AND UNDER GARAGE BRIDGES.

SUPPORT COLUMNS FOR BRIDGES



DEMOLISH LAKE STREET GARAGE AND BRIDGES ADJOINING FRANCES GARAGE. MAINTAIN EXISTING BEARING LEDGE AT FRANCES GARAGE SIDE.

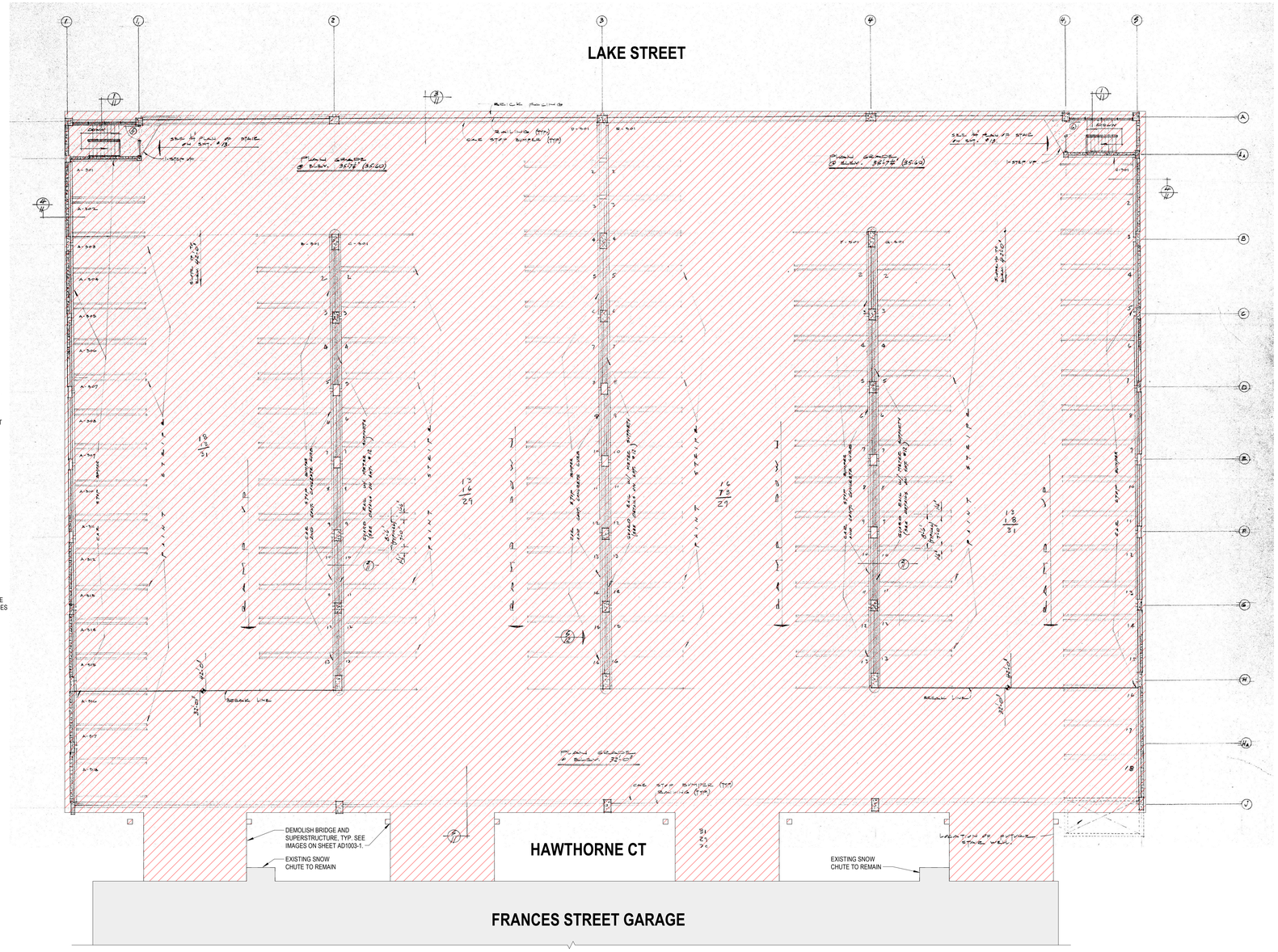
BRIDGES ACROSS HAWTHORNE CT.



SNOW CHUTE(S) ARE TO REMAIN AS EXISTING.

DEMOLISH BRIDGE TO FACE OF FRANCES GARAGE

FRANCES GARAGE - SNOW CHUTE



EXISTING PARKING BRIDGE DEMOLITION
1" = 1'-0"

N

A3 3RD FLR DEMO PLAN
1" = 20'-0"

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PROJECT INFORMATION

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

3RD FLR DEMOLITION PLAN - PHASE 1

AD1003-1

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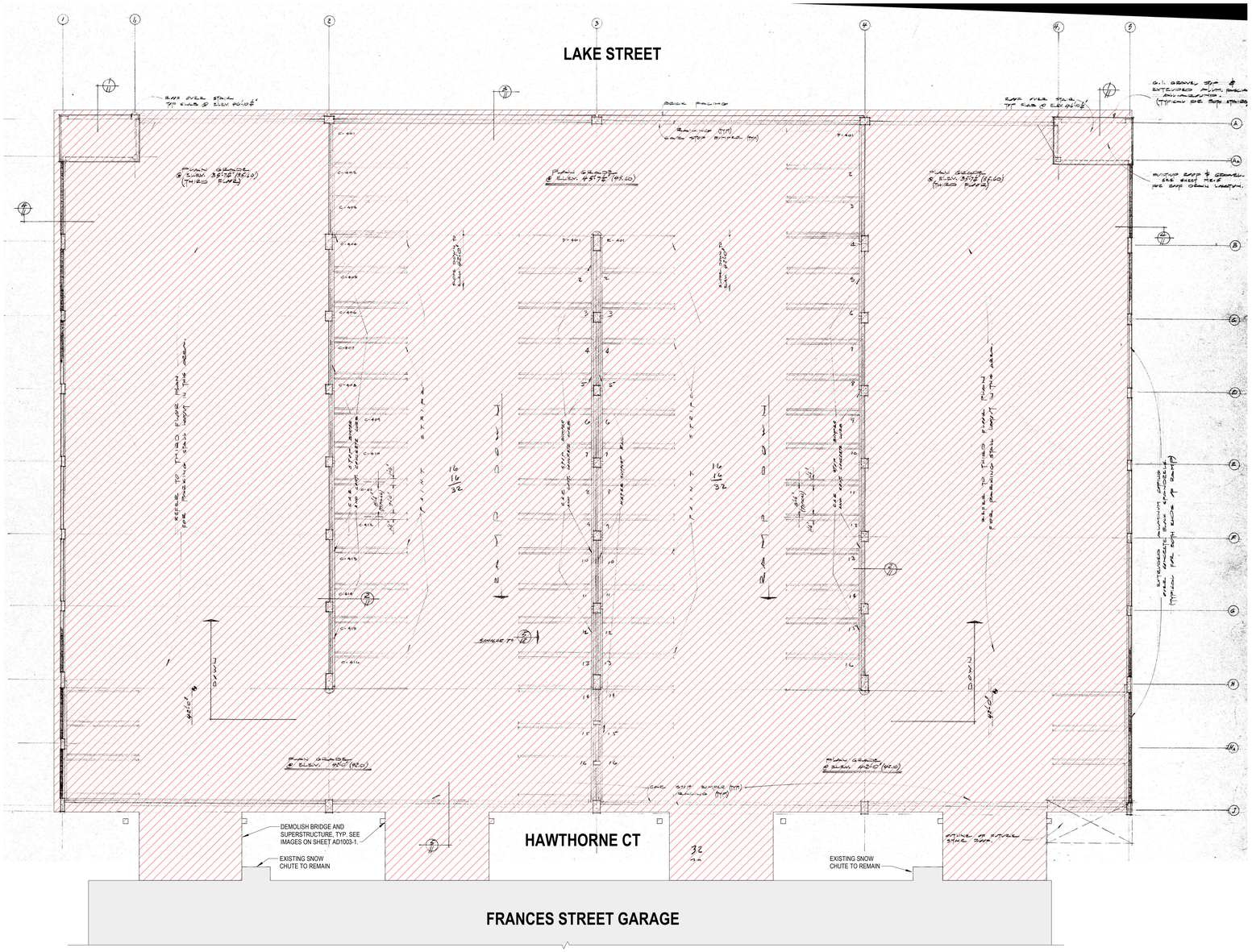

N A3 4TH FLR DEMO PLAN
1" = 20'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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MADISON, WI 53715

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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

4TH FLR DEMOLITION PLAN - PHASE 1

AD1004-1

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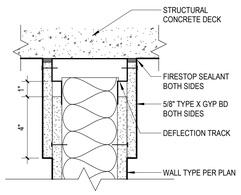
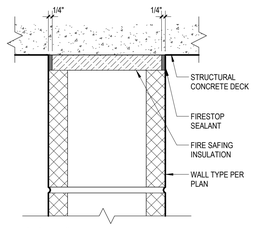
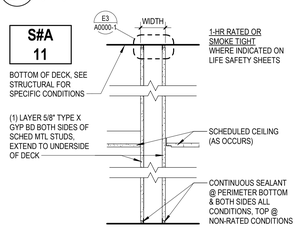


UL SYSTEM # HW-D-0060
1 HR RATED STUD PARTITION TO CONCRETE DECK - 1" JOINT (100% COMPRESSION OR EXTENSION)



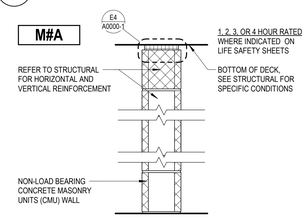
UL SYSTEM # HW-D-0172
1 HR OR 2 HR RATED CMU/CONCRETE PARTITION TO CONCRETE DECK - 1" JOINT (25% COMPRESSION & EXTENSION)

E3 METAL STUD WALL/CONC DECK - 1HR
3" = 1'-0"



PARTITION #	DESCRIPTION	WIDTH	REF TEST	STC
-	-	-	-	-
S1A - 11	1-5/8" MTL STUDS	2-7/8"	-	-
S2A - 11	2-1/2" MTL STUDS	3-3/4"	-	-
S3A - 11	3-5/8" MTL STUDS	4-7/8"	UL U465	39
S4A - 11	4" MTL STUDS	5-1/4"	UL U465	40
S6A - 11	6" MTL STUDS	7-1/4"	UL U465	40

E4 CMU NON-BRG / CONC DECK - 2 HR
3" = 1'-0"



PARTITION #	DESCRIPTION	WIDTH	REF TEST	STC SOLID	STC HOLLOW
M2A	2" CONC MASONRY UNIT	1-5/8"	-	-	-
M4A	4" CONC MASONRY UNIT	3-5/8"	-	46	44
M6A	6" CONC MASONRY UNIT	5-5/8"	UL U906	49	45
M8A	8" CONC MASONRY UNIT	7-5/8"	UL U907	52	46
M10A	10" CONC MASONRY UNIT	9-5/8"	UL U907	55	48
M12A	12" CONC MASONRY UNIT	11-5/8"	UL U907	59	49

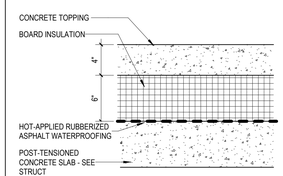
SHEET NOTES - PARTITION TYPES

1.	REFER TO LIFE SAFETY SHEETS (G-SERIES) FOR WALL RATINGS, LOCATIONS AND REQUIREMENTS.
2.	PROVIDE MOISTURE- AND MOLD-RESISTANT GYP BD ON WALLS AT ALL WET LOCATIONS, INCLUDING BUT NOT LIMITED TO, TOILET ROOMS, JANITOR CLOSETS, MECHANICAL ROOMS, SHOWERS, DRINKING FOUNTAINS, SINKS, LAVATORIES AND EYEWASHES.
3.	MAINTAIN RATED WALL ASSEMBLIES BEHIND PREFABRICATED SHOWER/BATH ENCLOSURES AT RATED WALL LOCATIONS.
4.	REPLACE GYP BD LAYER WITH CEMENTITIOUS BACKER BOARD WHERE WALLS ARE SCHEDULED TO RECEIVE CERAMIC TILE OR SOLID SURFACE WALL CLADDING.
5.	PROVIDE UL LISTING FIRESTOP ASSEMBLIES AT ALL PENETRATIONS AND OPENINGS THROUGH RATED WALL ASSEMBLIES TO MATCH FIRE/SMOKE RATING.
6.	SEAL ALL PENETRATIONS AND OPENINGS, INCLUDING WALL PERIMETER, AT SOUND-RATED WALLS.
7.	WALL FRAMING AT FIRE/SMOKE DAMPER LOCATIONS SHALL BE COORDINATED WITH DAMPER MANUFACTURER INSTALLATION REQUIREMENTS.

SHEET NOTES - CONSTRUCTION

1.	ALL WORK OF THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING LAWS, CODES, ORDINANCES, RULES AND REGULATIONS OF THE VILLAGE, COUNTY, STATE AND GENERAL JURISDICTION.
2.	THE DRAWINGS ARE NOT TO BE SCALED.
3.	MAINTAIN ACCESS TO ADJACENT PROPERTIES AT ALL TIMES.
4.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, FITTING OR PATCHING THAT MAY BE REQUIRED TO COMPLETE THE WORK.
5.	ALL PENETRATIONS THROUGH EXTERIOR WALLS SHALL BE SEALED.
6.	GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL BUILDING DIMENSIONS AND SHALL IMMEDIATELY NOTIFY ARCHITECT OF ANY VARIANCE OR DISCREPANCY AFFECTING CONSTRUCTION.
7.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL PATCHING OF DISTURBED EXISTING CONDITIONS REQUIRED TO MAINTAIN FIRE RATINGS. FIELD VERIFICATION OF EXISTING CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CHANGE ORDERS FOR THIS TYPE OF WORK WILL NOT BE HONORED.
8.	VERIFY ALL ROUGH-IN DIMENSIONS FOR ALL BUILT-IN EQUIPMENT PRIOR TO PERFORMING WORK.
9.	CONTRACTOR SHALL PROVIDE FIRE-TREATED BLOCKING IN WALLS FOR SUPPORT OF ALL EQUIPMENT, SHELVING, ACCESSORIES AND OTHER DEVICES.
10.	PENETRATIONS IN WALLS REQUIRING PROTECTED OPENINGS SHALL BE FIRESTOPPED USING UL TESTED OR EQUIVALENT TESTING AGENT MATERIALS, METHODS AND ASSEMBLIES AND MUST PASS LOCAL AUTHORITY INSPECTION.
11.	THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL APPLICABLE DIMENSIONS OF FIXTURES AND EQUIPMENT SUPPLIED AND/OR INSTALLED BY OTHERS.
12.	UPON COMPLETION OF PROJECT, OBTAIN ALL FINAL INSPECTIONS AS REQUIRED BY LOCAL JURISDICTIONS AND FURNISH OWNER WITH EVIDENCE OF ALL SUCH INSPECTIONS AND CERTIFICATES OF OCCUPANCY.

B1010-04



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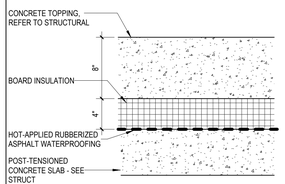
B1010-03



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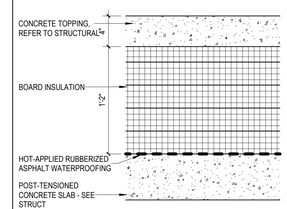

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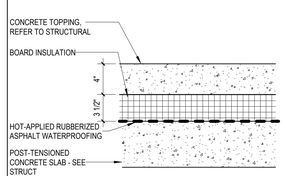
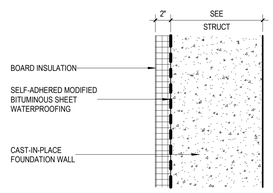


NOTES

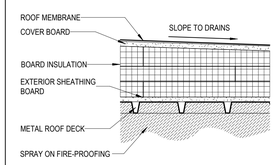
A2020-01



NOTES
- SEE SPECIFICATIONS FOR TREATMENT OF CAVITY BOARD INSULATION JOINTS

B3010-06

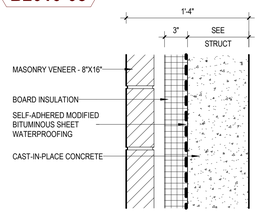
1 HOUR
UL P719



NOTES
- STAGGER JOINTS BETWEEN LAYERS OF INSULATION BOARD
- INSULATION THICKNESS: 4 INCH MINIMUM - R30 AVERAGE

B2010-08

RATED WHERE SHOWN ON PLANS



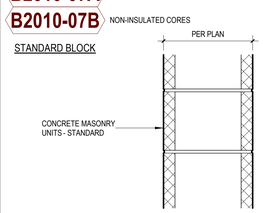
NOTES
- SEE SPECIFICATIONS FOR TREATMENT OF CAVITY BOARD INSULATION JOINTS
- REFER TO ELEVATIONS AND WALL SECTIONS FOR ACCENT COLOR VENEER LOCATIONS.

B2010-07A / B2010-07B

INSULATED CORES
NON-INSULATED CORES

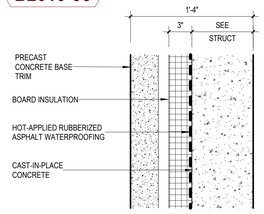
RATED WHERE SHOWN ON PLANS

STANDARD BLOCK



NOTES
- SINGLE WYTHE, NON-LOAD BEARING CONCRETE MASONRY UNIT

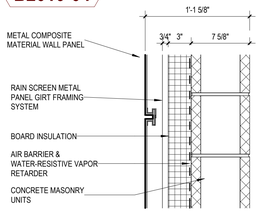
B2010-06



NOTES
- SEE SPECIFICATIONS FOR TREATMENT OF CAVITY BOARD INSULATION JOINTS

B2010-04

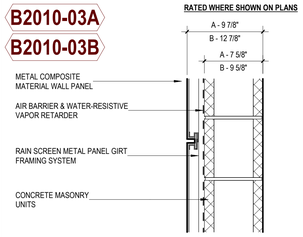
RATED WHERE SHOWN ON PLANS



NOTES
- SEE SPECIFICATIONS FOR TREATMENT OF CAVITY BOARD INSULATION JOINTS
- NFPA 285 COMPLIANT ASSEMBLY
- CONCRETE MASON UNITS TO BE PROVIDED IN PHASE 1, ALL EXTERIOR FINISH COMPONENTS PROVIDED IN PHASE 2. COORDINATE WITH EXTERIOR ELEVATIONS AND WALL SECTIONS FOR DELINEATION BETWEEN PHASE 1 AND PHASE 2 EXTENTS.

B2010-03A / B2010-03B

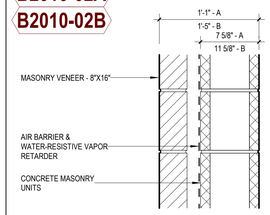
RATED WHERE SHOWN ON PLANS



NOTES
- NFPA 285 COMPLIANT ASSEMBLY
- CONCRETE MASON UNITS TO BE PROVIDED IN PHASE 1, ALL EXTERIOR FINISH COMPONENTS PROVIDED IN PHASE 2. COORDINATE WITH EXTERIOR ELEVATIONS AND WALL SECTIONS FOR DELINEATION BETWEEN PHASE 1 AND PHASE 2 EXTENTS.

B2010-02A / B2010-02B

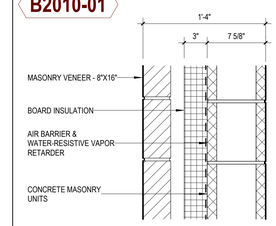
RATED WHERE SHOWN ON PLANS



NOTES
- REFER TO ELEVATIONS AND WALL SECTIONS FOR ACCENT COLOR VENEER LOCATIONS.

B2010-01

RATED WHERE SHOWN ON PLANS



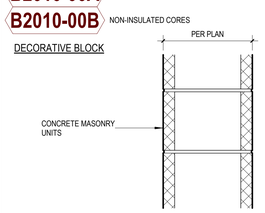
NOTES
- SEE SPECIFICATIONS FOR TREATMENT OF CAVITY BOARD INSULATION JOINTS
- REFER TO ELEVATIONS AND WALL SECTIONS FOR ACCENT COLOR VENEER LOCATIONS.

B2010-00A / B2010-00B

INSULATED CORES
NON-INSULATED CORES

RATED WHERE SHOWN ON PLANS

DECORATIVE BLOCK



NOTES
- SINGLE WYTHE, NON-LOAD BEARING CONCRETE MASONRY UNIT

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER MO
PROJECT NUMBER 720448

BUILDING SYSTEMS & PARTITIONS

A0000-1

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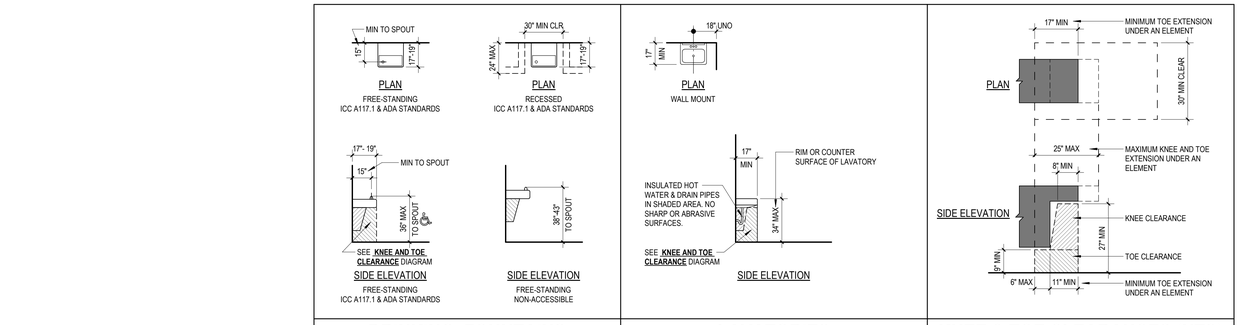
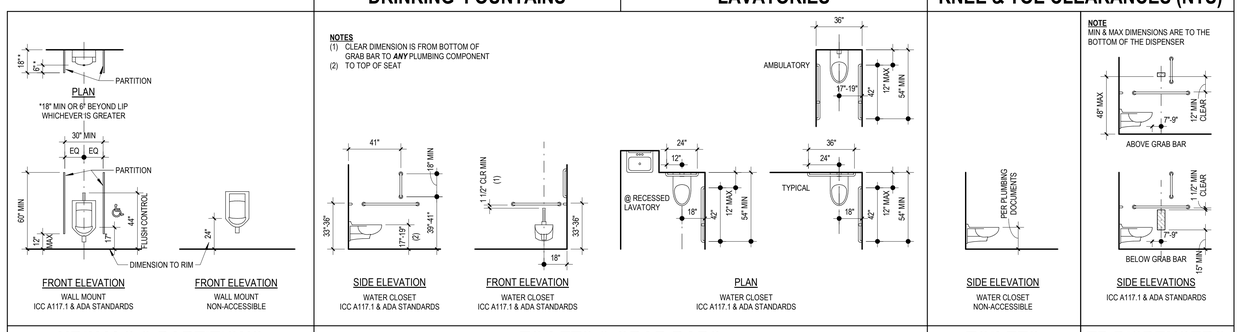
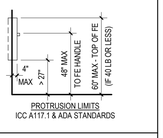


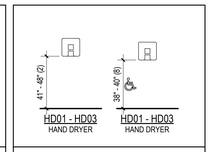


DIMENSION NOTES

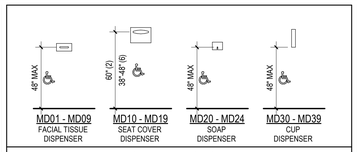
(1) SEE TP DISPENSER DIAGRAM FOR ADDITIONAL MOUNTING INFORMATION
(2) NON-ACCESSIBLE
(3) TOP OF SHELF
(4) TOP OF BAR OR PIN
(5) TOP OF WASTE OPENING
(6) TOP OF DISPENSER OPENING
(7) TOP OF HOOK
(8) TOP OF OPERABLE PART
(9) BOTTOM ROLL
(10) TOP OF CHANGING BED



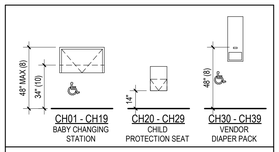
FE FIRE EXTINGUISHER



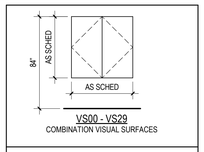
HD HAND DRYER



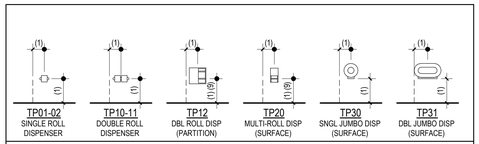
MD MISCELLANEOUS DISPENSER



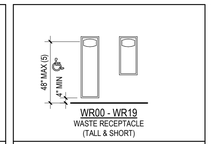
CH CHILDCARE



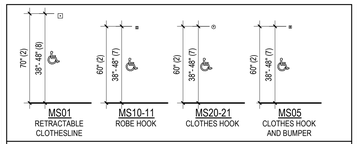
VS VISUAL SURFACE



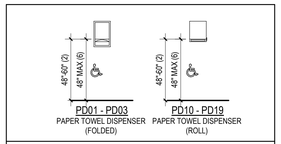
TP TOILET PAPER DISPENSER



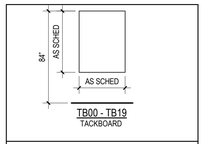
WR WASTE RECEPTACLE



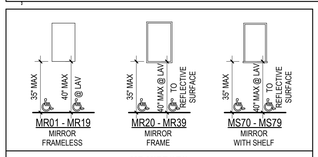
MS MISCELLANEOUS



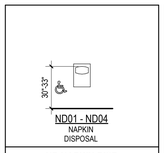
PD PAPER TOWEL DISP



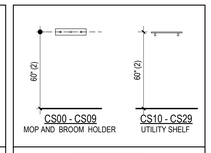
TB TACK BOARD



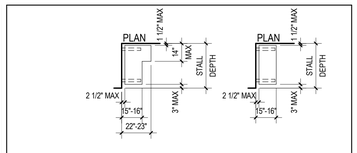
MR MIRRORS



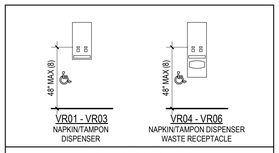
ND NAPKIN DISP



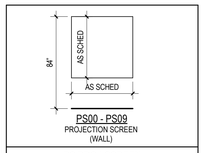
CS CUSTODIAL



SH SHOWER ACCESSORY



VR VENDOR DISPENSER



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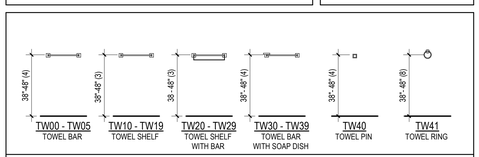
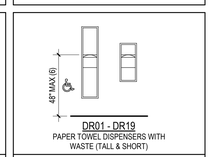
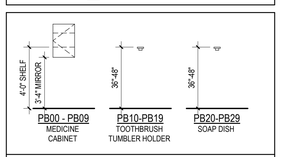


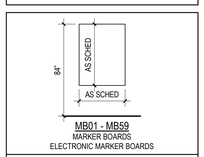
TW TOWEL



DR DISPENSER & WASTE



PB PRIVATE BATH



MB MARKER BOARD

milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER MO

PROJECT NUMBER 720448

ADA REQUIREMENTS

A0020-1

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N

A3 LOWER LEVEL OVERALL - PHASE 1

1/16" = 1'-0"

SHEET NOTES - FLOOR PLAN

1.	BEFORE BEGINNING WORK, VERIFY THE EXISTENCE AND LOCATION OF PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK. IF DISCREPANCIES ARE DISCOVERED, NOTIFY ARCHITECT PROMPTLY.
2.	NOTIFY ARCHITECT IMMEDIATELY OF ANY DIMENSIONAL OR ALIGNMENT DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
3.	VERIFY STRUCTURAL ELEMENTS, INCLUDING BUT NOT LIMITED TO POST TENSION CABLES OR OTHER REINFORCEMENT EMBEDDED IN FLOOR SLABS PRIOR TO CORING OR CUTTING. COORDINATE VERIFICATION METHOD WITH OWNER.
4.	REFER TO SHEET A0010-2 FOR REFERENCED PARTITION TYPES AND DETAILS.
5.	ALL WALLS DIRECTLY BEHIND OR ADJACENT TO PLUMBING FIXTURES SHALL RECEIVE MOISTURE- AND MOLD-RESISTANT GYPSUM BOARD, UNLESS NOTED OTHERWISE.
6.	SEE ENLARGED FLOOR PLANS FOR ADDITIONAL NOTES, DIMENSIONS AND WALL TAGS.
7.	REPAIR, PATCH AND CLEAN ALL EXISTING SURFACES SCHEDULED TO REMAIN THAT ARE AFFECTED BY DEMOLITION OR NEW CONSTRUCTION. MAKE APPEAR NEW, MATCHING ADJACENT CONSTRUCTION. PREPARE ALL SURFACES AS REQUIRED FOR SCHEDULED FINISHES. SKIM COAT AND PREPARE ALL DAMAGED OR UNFINISHED SURFACES.
8.	LOCATE ALL DOOR JAMBS 4" FROM ADJACENT PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
9.	WORK REQUIRED FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY ARE NOT FULLY REPRESENTED ON THESE PLANS. THE DESIGN OF THE FULL SCOPE OF WORK FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHOULD BE COORDINATED AND APPROVED BY THE OWNER. ANY INFORMATION SHOWN ON THE ARCHITECTURAL DRAWINGS RELATED TO THOSE DISCIPLINES ARE INTENDED FOR GENERAL REFERENCE ONLY.
10.	PREPARE FLOOR LEVEL AND SMOOTH FOR NEW HARD SURFACE FINISHES. PATCH EXISTING PENETRATIONS AND ABNORMALITIES IN CONCRETE FLOOR.
11.	PROVIDE BLOCKING BEHIND FUTURE GRAB BAR LOCATIONS IN ALL UNITS PER ANSI A117.1. ALL UNITS ARE ANSI A117.1 'TYPE-B' UNITS UNLESS NOTED OTHERWISE AS ANSI A117.1 'TYPE-A' UNITS. SEE SHEET A021 FOR MORE INFORMATION.
12.	PROVIDE BLOCKING AND FRAMING AS INDICATED AND AS REQUIRED TO SUPPORT FACING MATERIALS, FIXTURES, SPECIALTY ITEMS, MILLWORK AND TRIM.
13.	PROVIDE 3/4" FIRE-RETARDANT TREATED PLYWOOD AS BACKING PANELS FOR TELEPHONE & ELECTRICAL EQUIPMENT. INSTALL AT 1'-0" AFF TO FINISHED CEILING. PAINT PLYWOOD TO MATCH ADJACENT WALL FINISH. COORDINATE FINAL SIZE AND LOCATION WITH OWNER.
14.	
DIMENSIONING NOTES	
17.	INTERIOR METAL STUD WALLS ARE DIMENSIONED TO FINISHED FACE OF GYPSUM BOARD UNLESS NOTED OTHERWISE.
18.	EXTERIOR METAL STUD WALLS ARE DIMENSIONED TO EXTERIOR FACE OF STUD UNLESS NOTED OTHERWISE.
19.	CMU WALLS ARE DIMENSIONED TO FACE OF CMU.
WALL NOTES	
21.	ALL CORRIDOR WALLS ARE S6A-R11 UNLESS NOTED OTHERWISE.
22.	ALL UNIT DEMISING WALLS ARE S9A-S22 UNLESS NOTED OTHERWISE.
23.	ALL WALLS WITHIN UNITS ARE S3C-S11 UNLESS NOTED OTHERWISE.

KEYNOTES PER SHEET

eua

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
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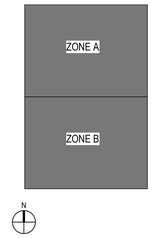
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

LOWER LEVEL OVERALL - PHASE 1

A1000-1

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PHASE 2 - DOOR COORDINATION



DOORS SHOWN IN BLUE ARE NOT IN PHASE 1 SCOPE. OPENINGS AND CONDUIT, IF APPLICABLE, ARE TO BE COORDINATED IN PHASE 1. DOOR, FRAME AND HARDWARE ARE TO BE INCLUDED IN PHASE 2 SCOPE.

THIS INCLUDES BUT NOT LIMITED TO OVERHEAD DOORS.

SEE "DOOR SCHEDULE - PHASE 1 / PHASE 2" ON A6000-1 FOR MORE INFORMATION

SHEET NOTES - FLOOR PLAN

1.	BEFORE BEGINNING WORK, VERIFY THE EXISTENCE AND LOCATION OF PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK. IF DISCREPANCIES ARE DISCOVERED, NOTIFY ARCHITECT PROMPTLY.
2.	NOTIFY ARCHITECT IMMEDIATELY OF ANY DIMENSIONAL OR ALIGNMENT DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
3.	VERIFY STRUCTURAL ELEMENTS, INCLUDING BUT NOT LIMITED TO POST TENSION CABLES OR OTHER REINFORCEMENT EMBEDDED IN FLOOR SLABS PRIOR TO CORING OR CUTTING. COORDINATE VERIFICATION METHOD WITH OWNER.
4.	REFER TO SHEET A0010-2 FOR REFERENCED PARTITION TYPES AND DETAILS.
5.	ALL WALLS DIRECTLY BEHIND OR ADJACENT TO PLUMBING FIXTURES SHALL RECEIVE MOISTURE- AND MOLD-RESISTANT GYPSUM BOARD, UNLESS NOTED OTHERWISE.
6.	SEE ENLARGED FLOOR PLANS FOR ADDITIONAL NOTES, DIMENSIONS AND WALL TAGS.
7.	REPAIR, PATCH AND CLEAN ALL EXISTING SURFACES SCHEDULED TO REMAIN THAT ARE AFFECTED BY DEMOLITION OR NEW CONSTRUCTION. MAKE APPEAR NEW, MATCHING ADJACENT CONSTRUCTION. PREPARE ALL SURFACES AS REQUIRED FOR SCHEDULED FINISHES. SKIM COAT AND PREPARE ALL DAMAGED OR UNFINISHED SURFACES.
8.	LOCATE ALL DOOR JAMBS 4" FROM ADJACENT PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
9.	WORK REQUIRED FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY ARE NOT FULLY REPRESENTED ON THESE PLANS. THE DESIGN OF THE FULL SCOPE OF WORK FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHOULD BE COORDINATED AND APPROVED BY THE OWNER. ANY INFORMATION SHOWN ON THE ARCHITECTURAL DRAWINGS RELATED TO THOSE DISCIPLINES ARE INTENDED FOR GENERAL REFERENCE ONLY.
10.	PREPARE FLOOR LEVEL AND SMOOTH FOR NEW HARD SURFACE FINISHES. PATCH EXISTING PENETRATIONS AND ABNORMALITIES IN CONCRETE FLOOR.
11.	PROVIDE BLOCKING BEHIND FUTURE GRAB BAR LOCATIONS IN ALL UNITS PER ANSI A117.1. ALL UNITS ARE ANSI A117.1 'TYPE-B' UNITS UNLESS NOTED OTHERWISE AS ANSI A117.1 'TYPE-A' UNITS. SEE SHEET A021 FOR MORE INFORMATION.
12.	PROVIDE BLOCKING AND FRAMING AS INDICATED AND AS REQUIRED TO SUPPORT FACING MATERIALS, FIXTURES, SPECIALTY ITEMS, MILLWORK AND TRIM.
13.	PROVIDE 3/4" FIRE-RETARDANT TREATED PLYWOOD AS BACKING PANELS FOR TELEPHONE & ELECTRICAL EQUIPMENT. INSTALL AT 1'-0" AFF TO FINISHED CEILING. PAINT PLYWOOD TO MATCH ADJACENT WALL FINISH. COORDINATE FINAL SIZE AND LOCATION WITH OWNER.
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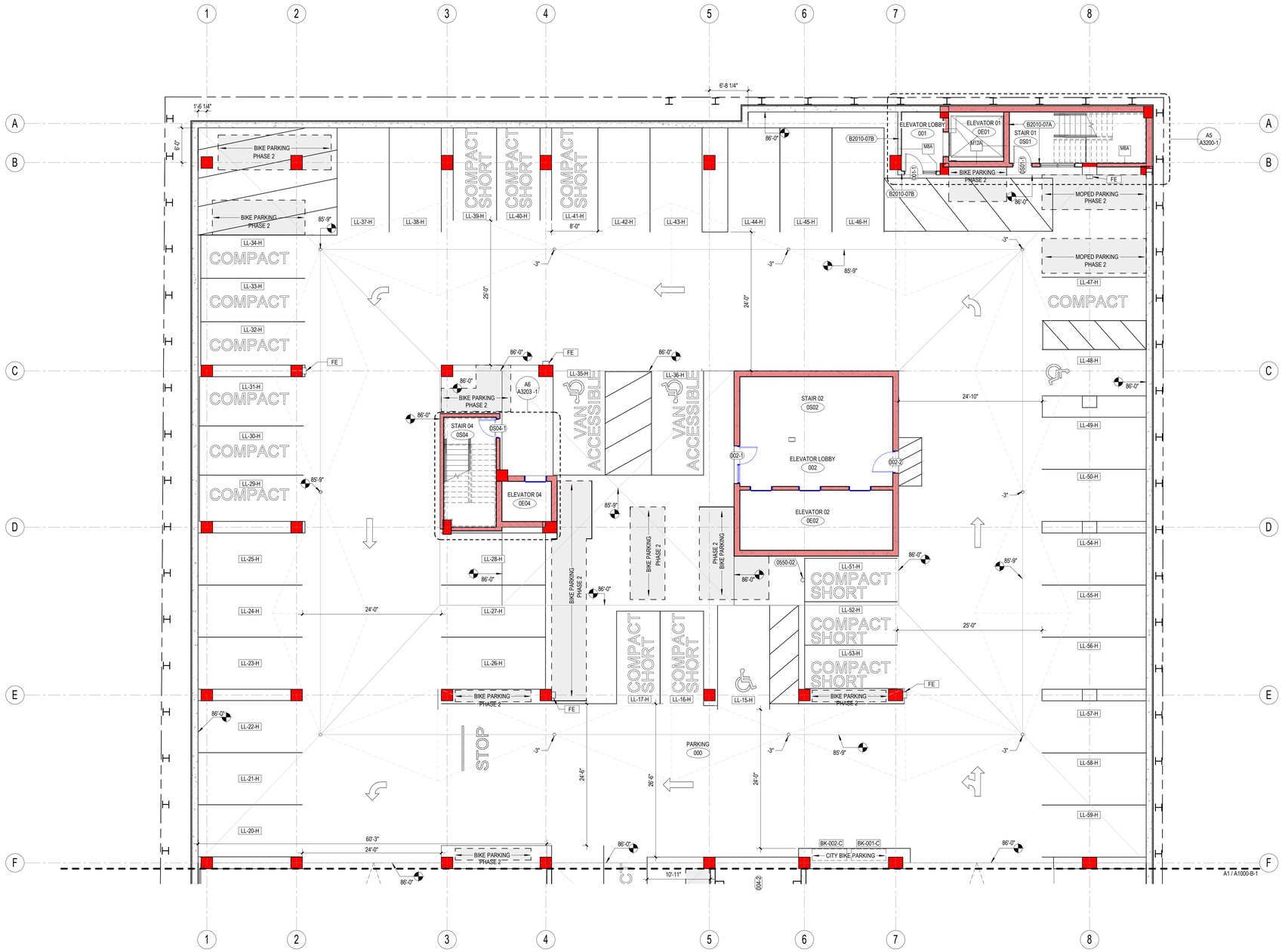
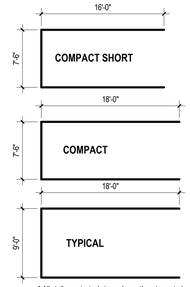
DIMENSIONING NOTES	
17.	INTERIOR METAL STUD WALLS ARE DIMENSIONED TO FINISHED FACE OF GYPSUM BOARD UNLESS NOTED OTHERWISE.
18.	EXTERIOR METAL STUD WALLS ARE DIMENSIONED TO EXTERIOR FACE OF STUD UNLESS NOTED OTHERWISE.
19.	CMU WALLS ARE DIMENSIONED TO FACE OF CMU.
WALL NOTES	
21.	ALL CORRIDOR WALLS ARE S6A-R11 UNLESS NOTED OTHERWISE.
22.	ALL UNIT DEMISING WALLS ARE S9A-S22 UNLESS NOTED OTHERWISE.
23.	ALL WALLS WITHIN UNITS ARE S3C-S11 UNLESS NOTED OTHERWISE.

KEYNOTES PER SHEET

0550-02	BOLLARD
B2010-07A	SINGLE WYTHE STANDARD CMU WALL W/ INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET
B2010-07B	SINGLE WYTHE STANDARD CMU WALL W/ NON-INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET



N A1 LOWER LEVEL - ZONE A - PHASE 1
1/8" = 1'-0"



* All stalls are typical size unless otherwise noted

Parking Legend
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
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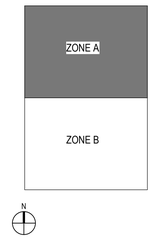
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

LOWER LEVEL - ZONE A - PHASE 1

A1000-A-1

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PHASE 2 - DOOR COORDINATION

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THIS INCLUDES BUT NOT LIMITED TO OVERHEAD DOORS.

SEE "DOOR SCHEDULE - PHASE 1 / PHASE 2" ON A6000-1 FOR MORE INFORMATION

SHEET NOTES - FLOOR PLAN

1. BEFORE BEGINNING WORK, VERIFY THE EXISTENCE AND LOCATION OF PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK. IF DISCREPANCIES ARE DISCOVERED, NOTIFY ARCHITECT PROMPTLY.
2. NOTIFY ARCHITECT IMMEDIATELY OF ANY DIMENSIONAL OR ALIGNMENT DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
3. VERIFY STRUCTURAL ELEMENTS, INCLUDING BUT NOT LIMITED TO POST TENSION CABLES OR OTHER REINFORCEMENT EMBEDDED IN FLOOR SLABS PRIOR TO CORING OR CUTTING. COORDINATE VERIFICATION METHOD WITH OWNER.
4. REFER TO SHEET A0010-2 FOR REFERENCED PARTITION TYPES AND DETAILS.
5. ALL WALLS DIRECTLY BEHIND OR ADJACENT TO PLUMBING FIXTURES SHALL RECEIVE MOISTURE- AND MOLD-RESISTANT GYPSUM BOARD, UNLESS NOTED OTHERWISE.
6. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL NOTES, DIMENSIONS AND WALL TAGS.
7. REPAIR, PATCH AND CLEAN ALL EXISTING SURFACES SCHEDULED TO REMAIN THAT ARE AFFECTED BY DEMOLITION OR NEW CONSTRUCTION. MAKE APPEAR NEW, MATCHING ADJACENT CONSTRUCTION. PREPARE ALL SURFACES AS REQUIRED FOR SCHEDULED FINISHES. SKIM COAT AND PREPARE ALL DAMAGED OR UNFINISHED SURFACES.
8. LOCATE ALL DOOR JAMBS 4" FROM ADJACENT PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
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DIMENSIONING NOTES

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WALL NOTES

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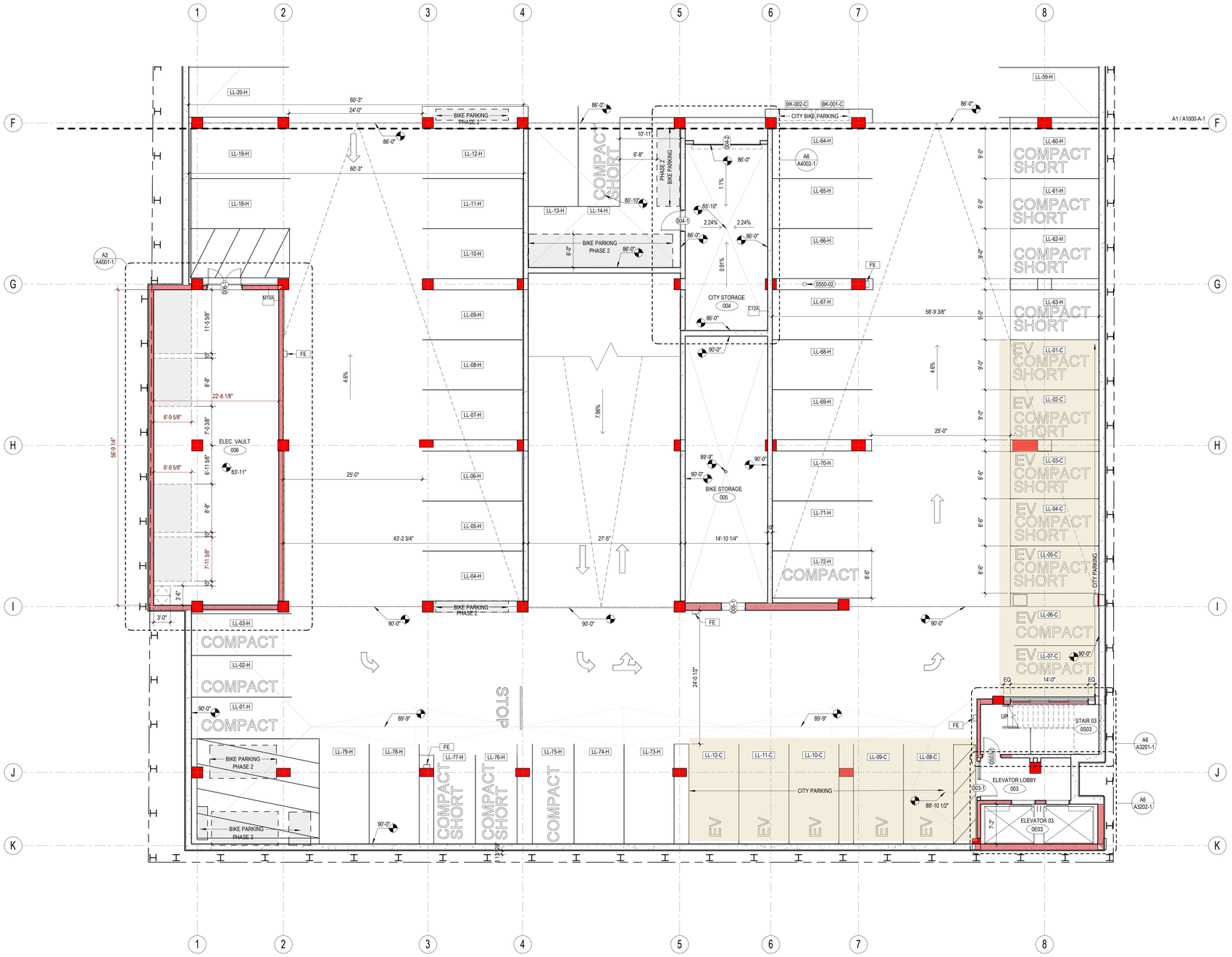
23. ALL WALLS WITHIN UNITS ARE S3C-S11 UNLESS NOTED OTHERWISE.

KEYNOTES PER SHEET

0550-02	BOLLARD



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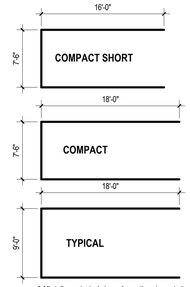
A1 LOWER LEVEL - ZONE B - PHASE 1
1/8" = 1'-0"



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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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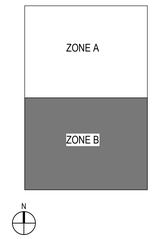
KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

LOWER LEVEL - ZONE B - PHASE 1

A1000-B-1

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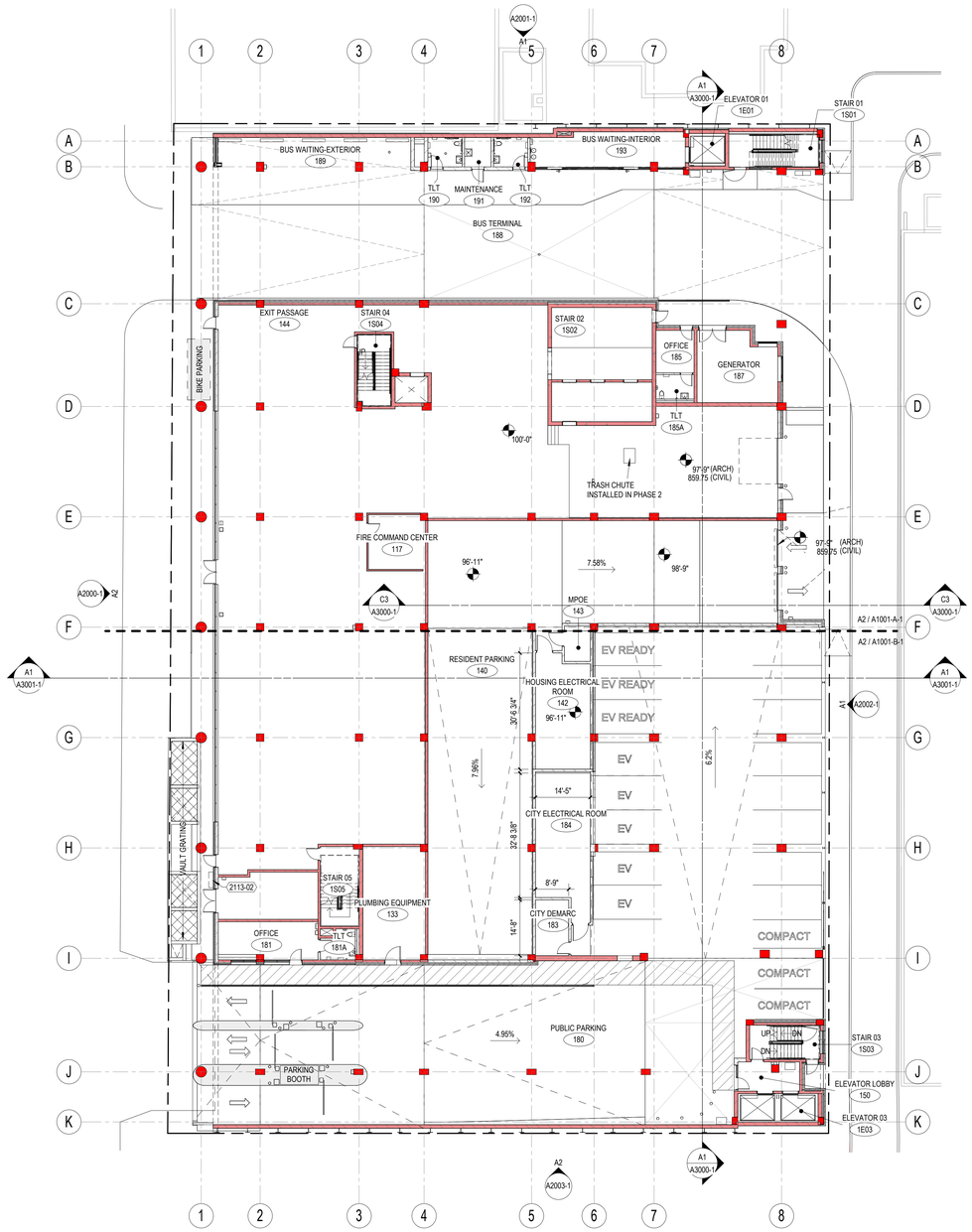

N

A3 1ST FLR OVERALL - PHASE 1

1/16" = 1'-0"

SHEET NOTES - FLOOR PLAN

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KEYNOTES PER SHEET

2113-02	FIRE PROTECTION TEST, HEADER AND VALVES, SEE PLUMBING DRAWINGS (PHASE 1)

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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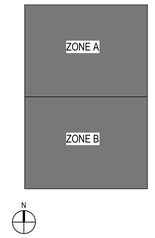
KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR OVERALL - PHASE 1

A1001-1

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PHASE 2 - DOOR COORDINATION



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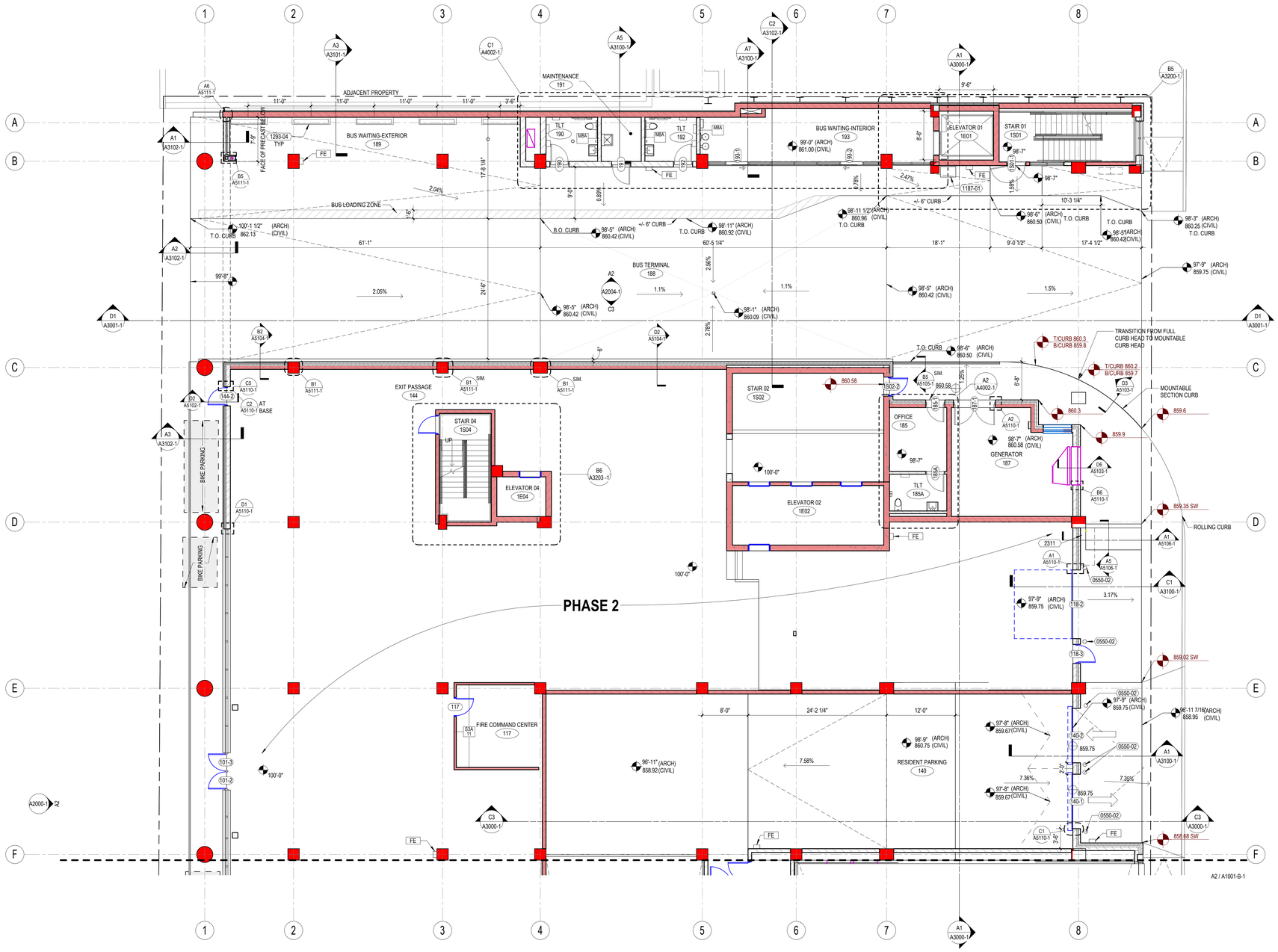
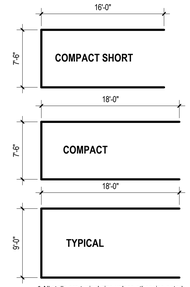
KEYNOTES PER SHEET

0550-02	BOLLARD
1187-01	
1293-04	BENCH - VERIFY WITH OWNER
2311	GAS METERING, REFER TO MECHANICAL



A2 / A1001-B-1

N A2 1ST FLR - ZONE A - PHASE 1
1/8" = 1'-0"



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Parking Legend
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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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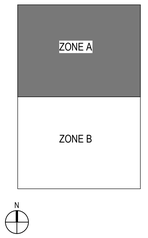

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR - ZONE A - PHASE 1

A1001-A-1

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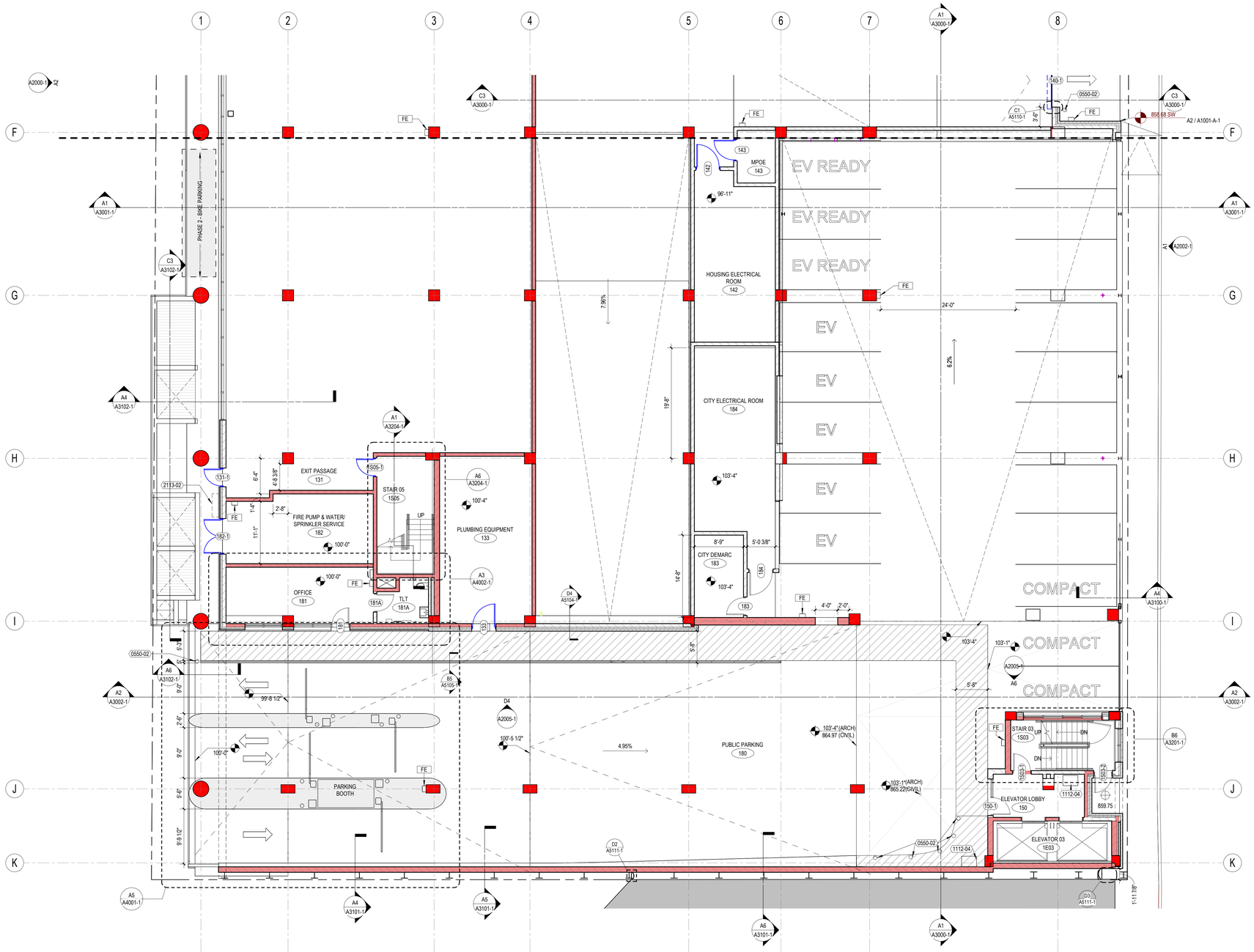
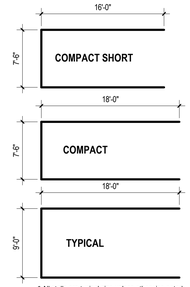
23.	ALL WALLS WITHIN UNITS ARE S3C-S11 UNLESS NOTED OTHERWISE.

KEYNOTES PER SHEET

0550-02	BOLLARD
1112-04	WALK-UP PAY STATION. OWNER FURNISHED, CONTRACTOR INSTALLED
2113-02	FIRE PROTECTION TEST, HEADER AND VALVES, SEE PLUMBING DRAWINGS (PHASE 1)



N A2 1ST FLR - ZONE B - PHASE 1
1/8" = 1'-0"



* All stalls are typical size unless otherwise noted

Parking Legend
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

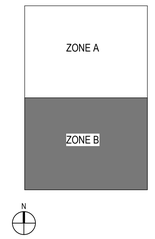
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR - ZONE B - PHASE 1

A1001-B-1

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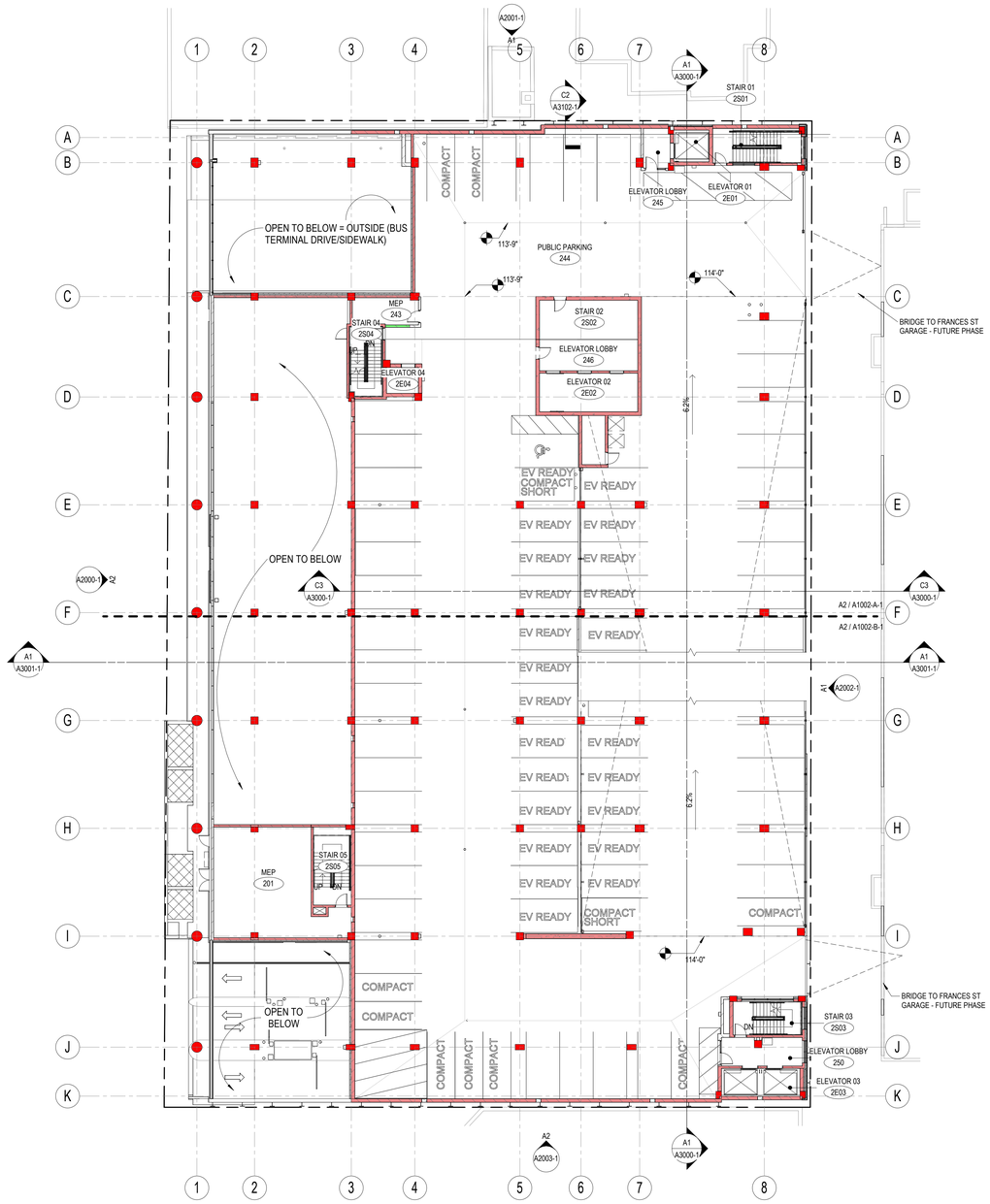

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A3 P2 FLR OVERALL - PHASE 1

1/16" = 1'-0"

SHEET NOTES - FLOOR PLAN

1.	BEFORE BEGINNING WORK, VERIFY THE EXISTENCE AND LOCATION OF PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK. IF DISCREPANCIES ARE DISCOVERED, NOTIFY ARCHITECT PROMPTLY.
2.	NOTIFY ARCHITECT IMMEDIATELY OF ANY DIMENSIONAL OR ALIGNMENT DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
3.	VERIFY STRUCTURAL ELEMENTS, INCLUDING BUT NOT LIMITED TO POST TENSION CABLES OR OTHER REINFORCEMENT EMBEDDED IN FLOOR SLABS PRIOR TO CORING OR CUTTING. COORDINATE VERIFICATION METHOD WITH OWNER.
4.	REFER TO SHEET A0010-2 FOR REFERENCED PARTITION TYPES AND DETAILS.
5.	ALL WALLS DIRECTLY BEHIND OR ADJACENT TO PLUMBING FIXTURES SHALL RECEIVE MOISTURE- AND MOLD-RESISTANT GYPSUM BOARD, UNLESS NOTED OTHERWISE.
6.	SEE ENLARGED FLOOR PLANS FOR ADDITIONAL NOTES, DIMENSIONS AND WALL TAGS.
7.	REPAIR, PATCH AND CLEAN ALL EXISTING SURFACES SCHEDULED TO REMAIN THAT ARE AFFECTED BY DEMOLITION OR NEW CONSTRUCTION. MAKE APPEAR NEW, MATCHING ADJACENT CONSTRUCTION. PREPARE ALL SURFACES AS REQUIRED FOR SCHEDULED FINISHES. SKIM COAT AND PREPARE ALL DAMAGED OR UNFINISHED SURFACES.
8.	LOCATE ALL DOOR JAMBS 4" FROM ADJACENT PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
9.	WORK REQUIRED FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY ARE NOT FULLY REPRESENTED ON THESE PLANS. THE DESIGN OF THE FULL SCOPE OF WORK FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHOULD BE COORDINATED AND APPROVED BY THE OWNER. ANY INFORMATION SHOWN ON THE ARCHITECTURAL DRAWINGS RELATED TO THOSE DISCIPLINES ARE INTENDED FOR GENERAL REFERENCE ONLY.
10.	PREPARE FLOOR LEVEL AND SMOOTH FOR NEW HARD SURFACE FINISHES. PATCH EXISTING PENETRATIONS AND ABNORMALITIES IN CONCRETE FLOOR.
11.	PROVIDE BLOCKING BEHIND FUTURE GRAB BAR LOCATIONS IN ALL UNITS PER ANSI A117.1. ALL UNITS ARE ANSI A117.1 'TYPE-B' UNITS UNLESS NOTED OTHERWISE AS ANSI A117.1 'TYPE-A' UNITS. SEE SHEET A021 FOR MORE INFORMATION.
12.	PROVIDE BLOCKING AND FRAMING AS INDICATED AND AS REQUIRED TO SUPPORT FACING MATERIALS, FIXTURES, SPECIALTY ITEMS, MILLWORK AND TRIM.
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KEYNOTES PER SHEET

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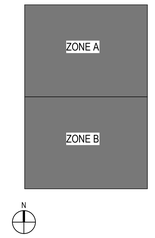

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P2 FLR OVERALL - PHASE 1

A1002-1

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PHASE 2 - DOOR COORDINATION



DOORS SHOWN IN BLUE ARE NOT IN PHASE 1 SCOPE. OPENINGS AND CONDUIT, IF APPLICABLE, ARE TO BE COORDINATED IN PHASE 1. DOOR, FRAME AND HARDWARE ARE TO BE INCLUDED IN PHASE 2 SCOPE.

THIS INCLUDES BUT NOT LIMITED TO OVERHEAD DOORS.

SEE "DOOR SCHEDULE - PHASE 1 / PHASE 2" ON A6000-1 FOR MORE INFORMATION

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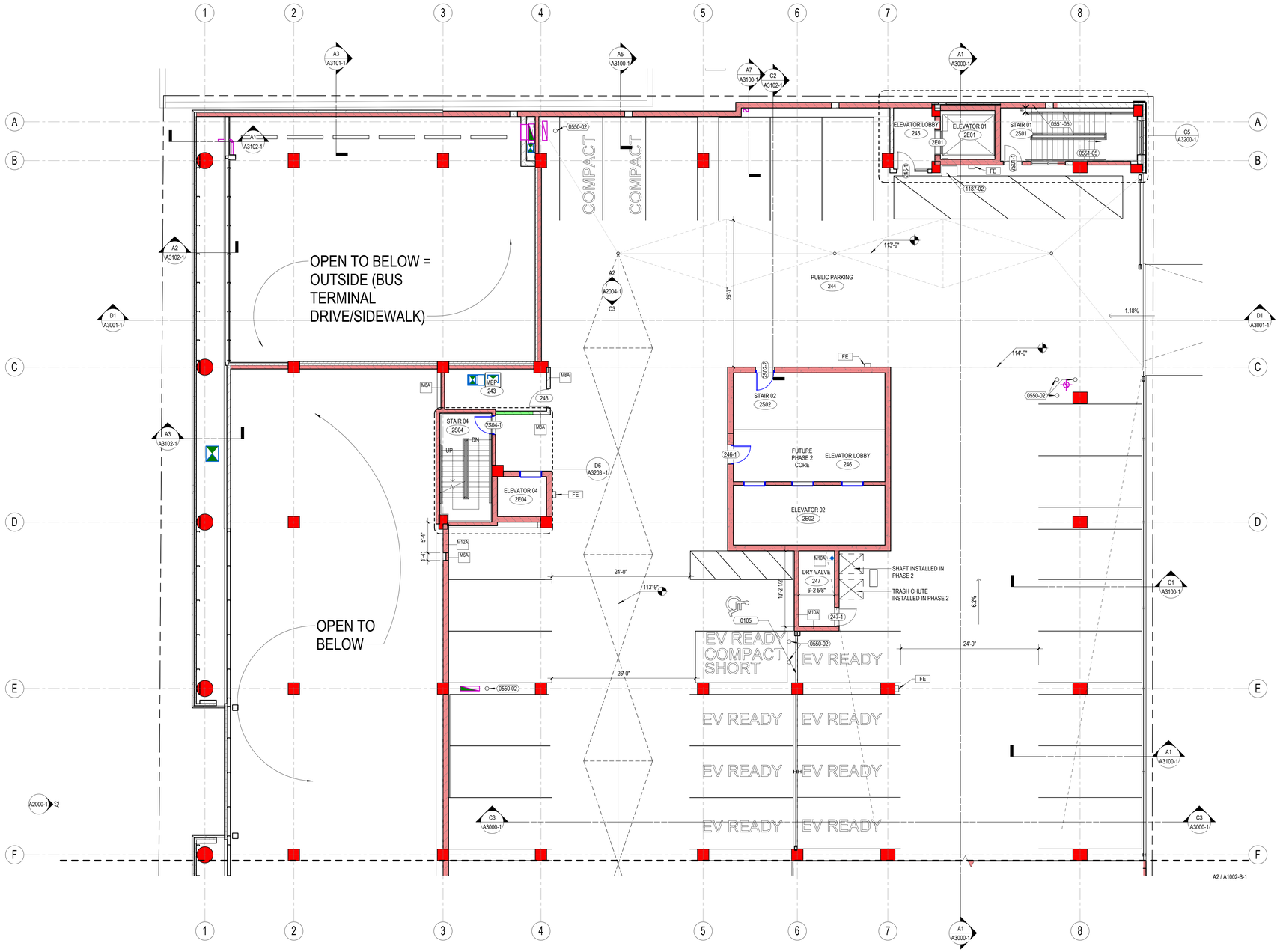
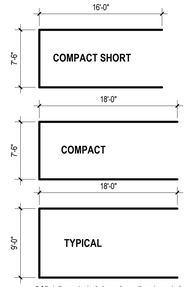
KEYNOTES PER SHEET

0105	VEHICLE CABLE BARRIER. REFER TO STRUCTURAL.
0550-02	BOLLARD
0551-05	VERTICAL STEEL PIPE RAILING OR HORIZONTAL CABLE RAILING, TO BE DETERMINED - 3'-6" HEIGHT
1187-02	



A2 P2 FLR - ZONE A - PHASE 1
1/8" = 1'-0"



* All stalls are typical size unless otherwise noted

Parking Legend
1/8" = 1'-0"

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PROJECT INFORMATION

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CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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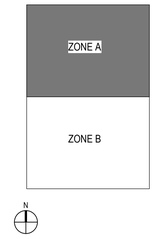

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P2 FLR - ZONE A - PHASE 1

A1002-A-1

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PHASE 2 - DOOR COORDINATION



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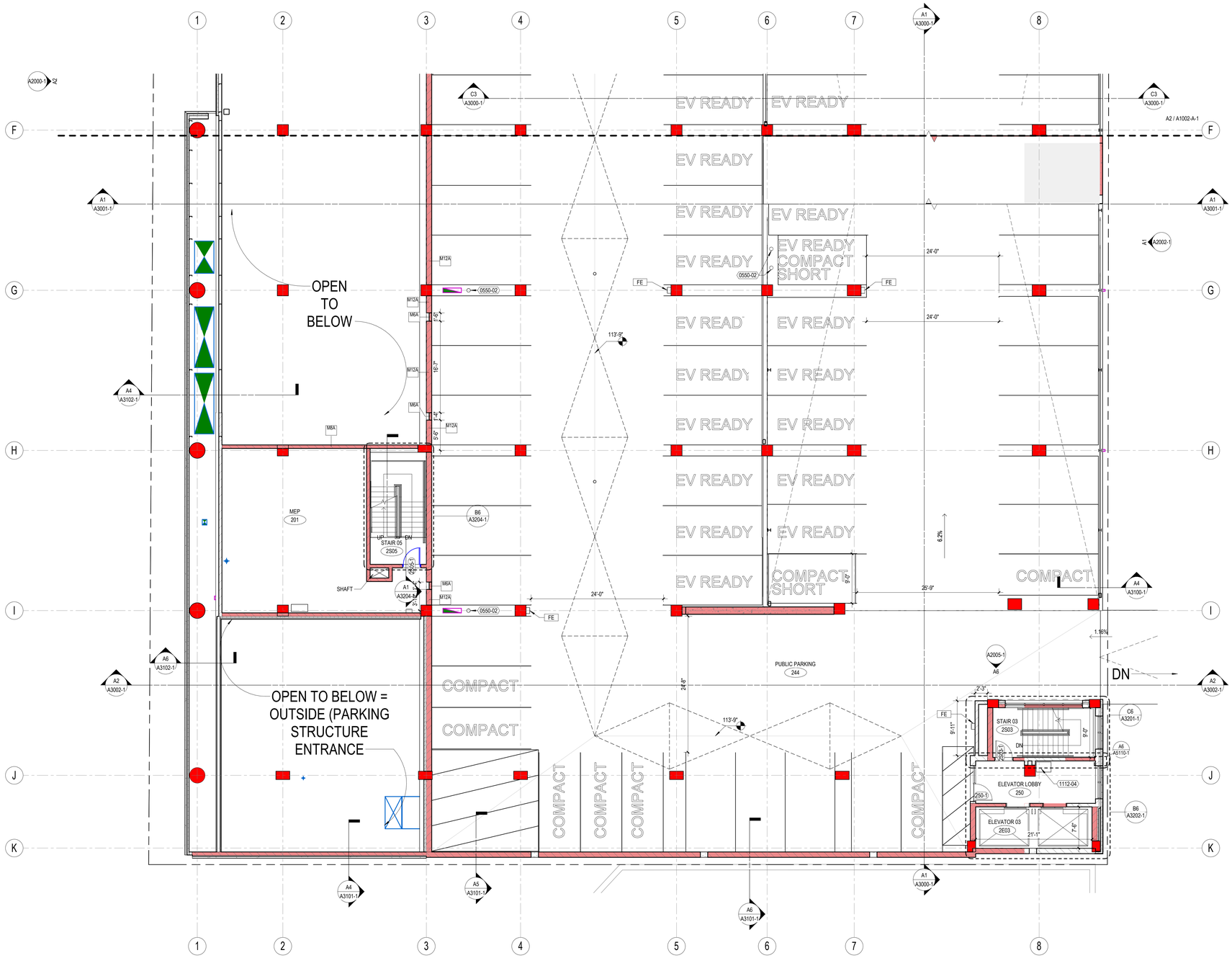
KEYNOTES PER SHEET

0550-02	BOLLARD
1112-04	WALK-UP PAY STATION, OWNER FURNISHED, CONTRACTOR INSTALLED



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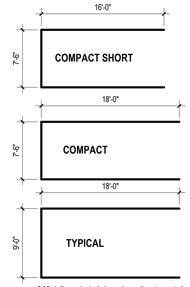
A2 P2 FLR - ZONE B - PHASE 1

1/8" = 1'-0"



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Parking Legend

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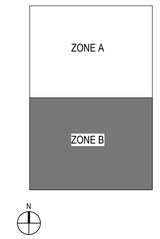

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P2 FLR - ZONE B - PHASE 1

A1002-B-1

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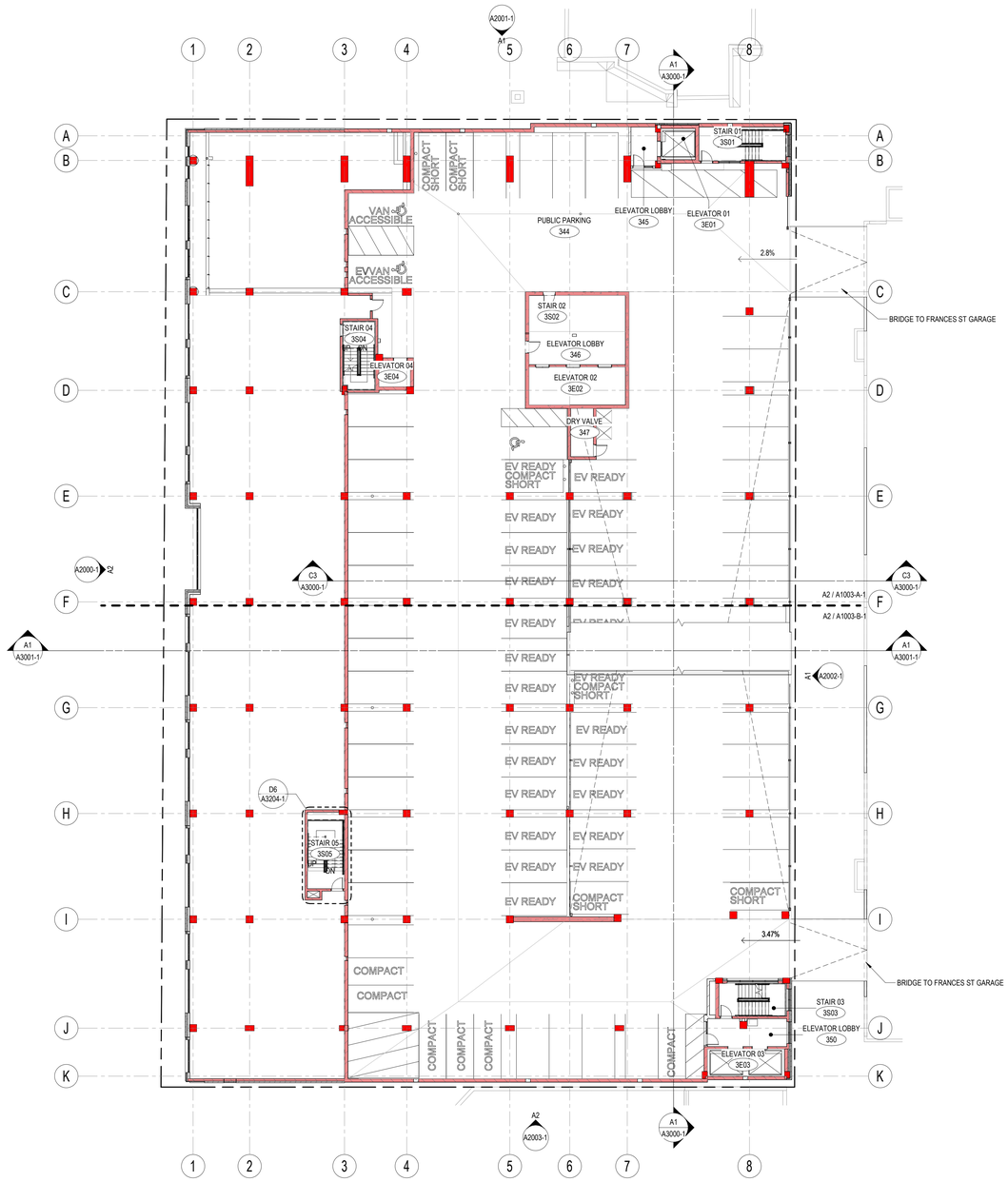

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A3 P3 FLR OVERALL - PHASE 1

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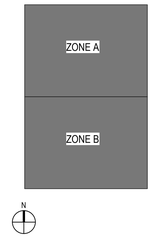

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P3 FLR OVERALL - PHASE 1

A1003-1

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PHASE 2 - DOOR COORDINATION



DOORS SHOWN IN BLUE ARE NOT IN PHASE 1 SCOPE. OPENINGS AND CONDUIT, IF APPLICABLE, ARE TO BE COORDINATED IN PHASE 1. DOOR, FRAME AND HARDWARE ARE TO BE INCLUDED IN PHASE 2 SCOPE.

THIS INCLUDES BUT NOT LIMITED TO OVERHEAD DOORS.

SEE "DOOR SCHEDULE - PHASE 1 / PHASE 2" ON A6000-1 FOR MORE INFORMATION

SHEET NOTES - FLOOR PLAN

1.	BEFORE BEGINNING WORK, VERIFY THE EXISTENCE AND LOCATION OF PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK. IF DISCREPANCIES ARE DISCOVERED, NOTIFY ARCHITECT PROMPTLY.
2.	NOTIFY ARCHITECT IMMEDIATELY OF ANY DIMENSIONAL OR ALIGNMENT DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
3.	VERIFY STRUCTURAL ELEMENTS, INCLUDING BUT NOT LIMITED TO POST TENSION CABLES OR OTHER REINFORCEMENT EMBEDDED IN FLOOR SLABS PRIOR TO CORING OR CUTTING. COORDINATE VERIFICATION METHOD WITH OWNER.
4.	REFER TO SHEET A0010-2 FOR REFERENCED PARTITION TYPES AND DETAILS.
5.	ALL WALLS DIRECTLY BEHIND OR ADJACENT TO PLUMBING FIXTURES SHALL RECEIVE MOISTURE- AND MOLD-RESISTANT GYPSUM BOARD, UNLESS NOTED OTHERWISE.
6.	SEE ENLARGED FLOOR PLANS FOR ADDITIONAL NOTES, DIMENSIONS AND WALL TAGS.
7.	REPAIR, PATCH AND CLEAN ALL EXISTING SURFACES SCHEDULED TO REMAIN THAT ARE AFFECTED BY DEMOLITION OR NEW CONSTRUCTION. MAKE APPEAR NEW, MATCHING ADJACENT CONSTRUCTION. PREPARE ALL SURFACES AS REQUIRED FOR SCHEDULED FINISHES. SKIM COAT AND PREPARE ALL DAMAGED OR UNFINISHED SURFACES.
8.	LOCATE ALL DOOR JAMBS 4" FROM ADJACENT PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
9.	WORK REQUIRED FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY ARE NOT FULLY REPRESENTED ON THESE PLANS. THE DESIGN OF THE FULL SCOPE OF WORK FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHOULD BE COORDINATED AND APPROVED BY THE OWNER. ANY INFORMATION SHOWN ON THE ARCHITECTURAL DRAWINGS RELATED TO THOSE DISCIPLINES ARE INTENDED FOR GENERAL REFERENCE ONLY.
10.	PREPARE FLOOR LEVEL AND SMOOTH FOR NEW HARD SURFACE FINISHES. PATCH EXISTING PENETRATIONS AND ABNORMALITIES IN CONCRETE FLOOR.
11.	PROVIDE BLOCKING BEHIND FUTURE GRAB BAR LOCATIONS IN ALL UNITS PER ANSI A117.1. ALL UNITS ARE ANSI A117.1 'TYPE-B' UNITS UNLESS NOTED OTHERWISE AS ANSI A117.1 'TYPE-A' UNITS. SEE SHEET A021 FOR MORE INFORMATION.
12.	PROVIDE BLOCKING AND FRAMING AS INDICATED AND AS REQUIRED TO SUPPORT FACING MATERIALS, FIXTURES, SPECIALTY ITEMS, MILLWORK AND TRIM.
13.	PROVIDE 3/4" FIRE-RETARDANT TREATED PLYWOOD AS BACKING PANELS FOR TELEPHONE & ELECTRICAL EQUIPMENT. INSTALL AT 1'-0" AFF TO FINISHED CEILING. PAINT PLYWOOD TO MATCH ADJACENT WALL FINISH. COORDINATE FINAL SIZE AND LOCATION WITH OWNER.
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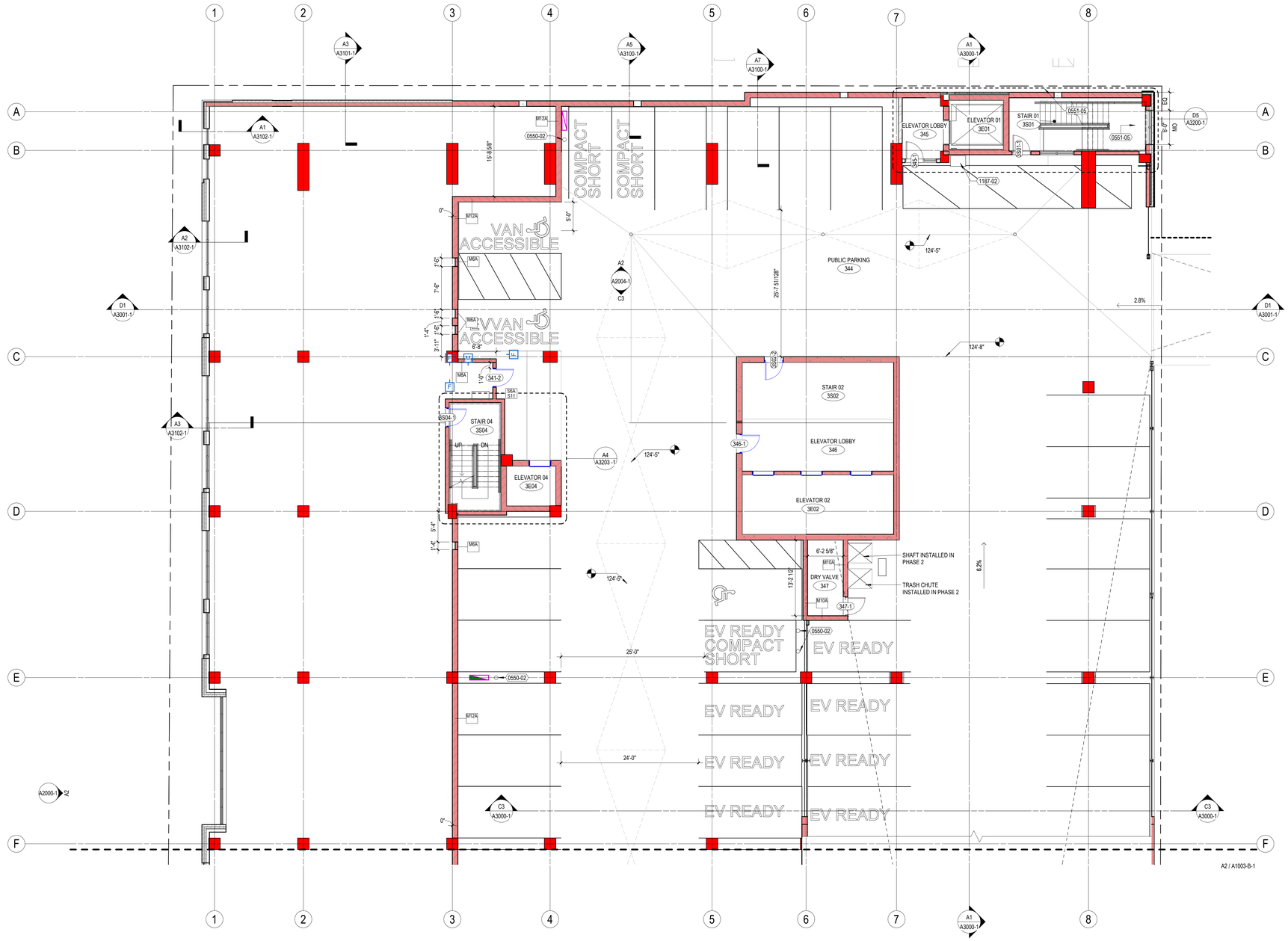
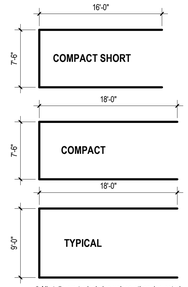
22.	ALL UNIT DEMISING WALLS ARE S6A-S22 UNLESS NOTED OTHERWISE.
23.	ALL WALLS WITHIN UNITS ARE S3C-S11 UNLESS NOTED OTHERWISE.

KEYNOTES PER SHEET

0550-02	BOLLARD
0551-05	VERTICAL STEEL PIPE RAILING OR HORIZONTAL CABLE RAILING, TO BE DETERMINED - 3'-6" HEIGHT
1187-02	



N A2 P3 FLR - ZONE A - PHASE 1
1/8" = 1'-0"



* All stalls are typical size unless otherwise noted

Parking Legend
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
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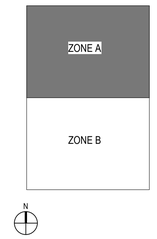
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P3 FLR - ZONE A - PHASE 1

A1003-A-1

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7.	REPAIR, PATCH AND CLEAN ALL EXISTING SURFACES SCHEDULED TO REMAIN THAT ARE AFFECTED BY DEMOLITION OR NEW CONSTRUCTION. MAKE APPEAR NEW, MATCHING ADJACENT CONSTRUCTION. PREPARE ALL SURFACES AS REQUIRED FOR SCHEDULED FINISHES. SKIM COAT AND PREPARE ALL DAMAGED OR UNFINISHED SURFACES.
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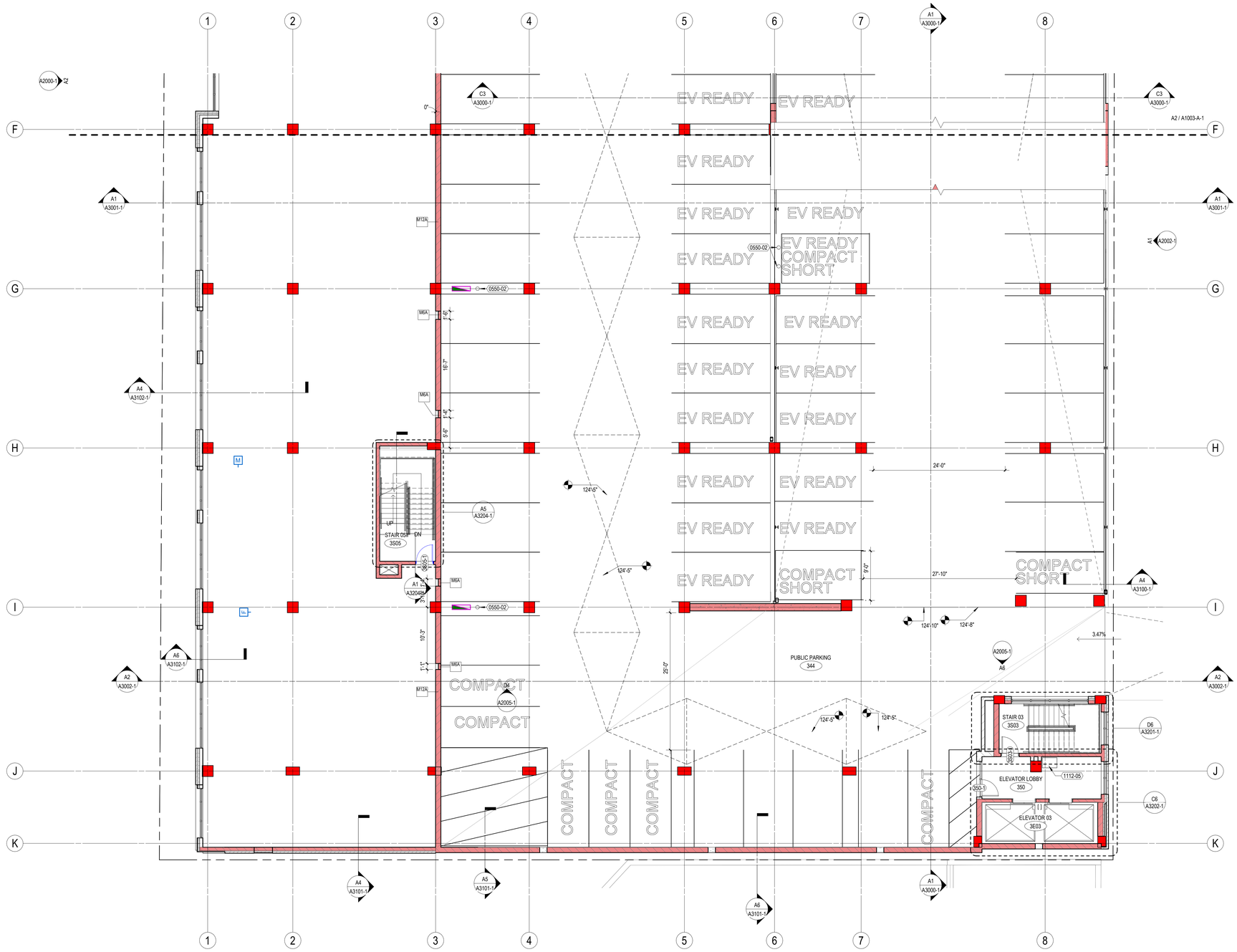
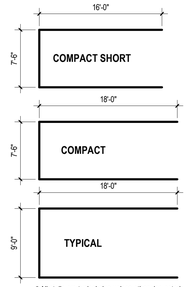
23.	ALL WALLS WITHIN UNITS ARE S3C-S11 UNLESS NOTED OTHERWISE.

KEYNOTES PER SHEET

0550-02	BOLLARD
1112-05	FUTURE WALK-UP PAY STATION, OWNER FURNISHED, CONTRACTOR INSTALLED





* All stalls are typical size unless otherwise noted

Parking Legend

1/8" = 1'-0"

N

A2 P3 FLR - ZONE B - PHASE 1

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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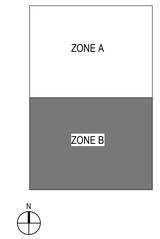
KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P3 FLR - ZONE B - PHASE 1

A1003-B-1

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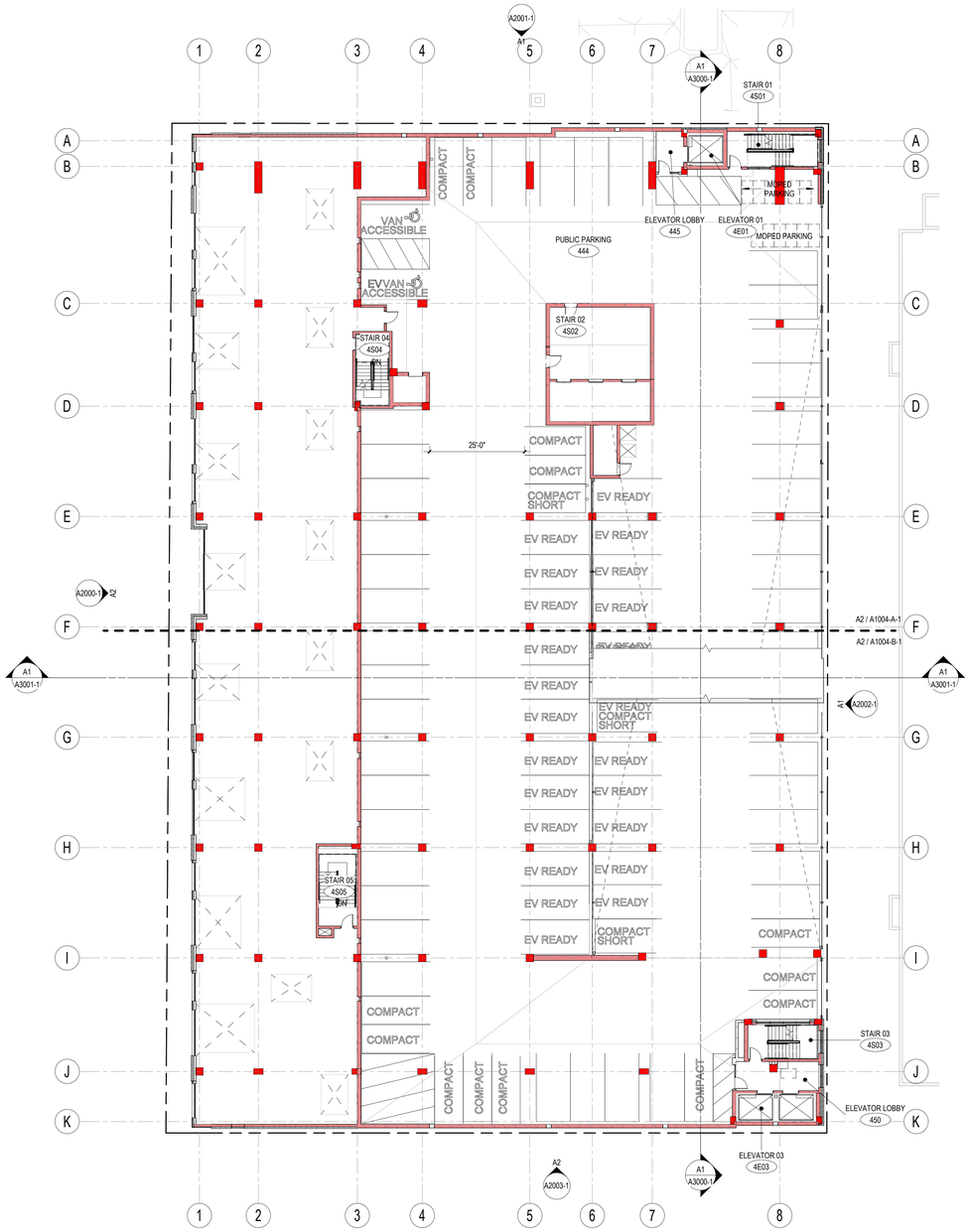

N

A3 P4 FLR OVERALL - PHASE 1

1/16" = 1'-0"

SHEET NOTES - FLOOR PLAN

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KEYNOTES PER SHEET

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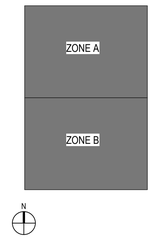

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P4 FLR OVERALL - PHASE 1

A1004-1

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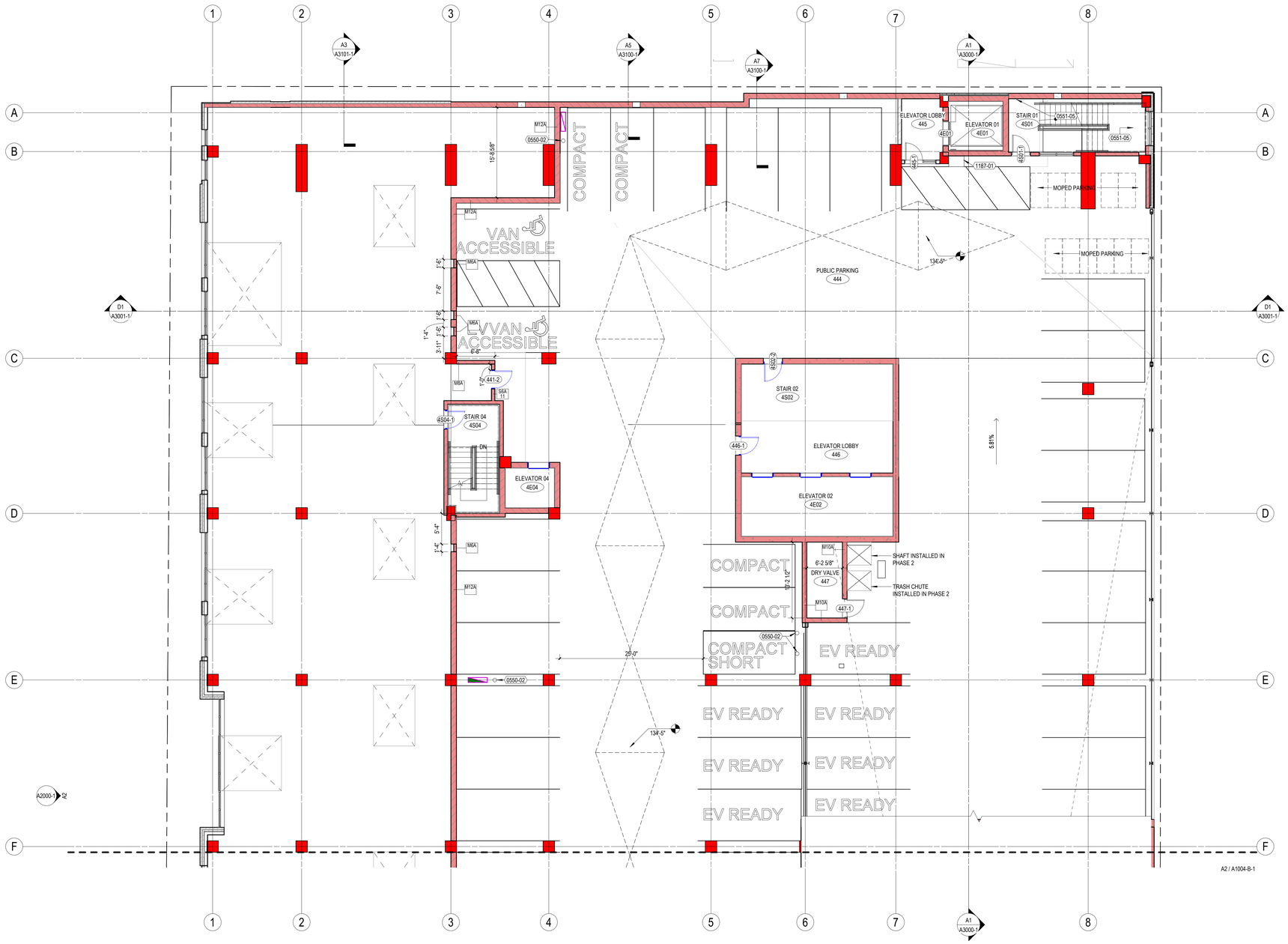

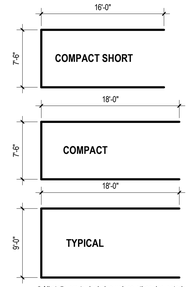

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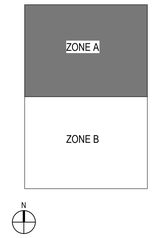

SHEET INFORMATION

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PROJECT NUMBER	720448

P4 FLR - ZONE A - PHASE 1

A1004-A-1

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9.	WORK REQUIRED FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY ARE NOT FULLY REPRESENTED ON THESE PLANS. THE DESIGN OF THE FULL SCOPE OF WORK FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHOULD BE COORDINATED AND APPROVED BY THE OWNER. ANY INFORMATION SHOWN ON THE ARCHITECTURAL DRAWINGS RELATED TO THOSE DISCIPLINES ARE INTENDED FOR GENERAL REFERENCE ONLY.
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12.	PROVIDE BLOCKING AND FRAMING AS INDICATED AND AS REQUIRED TO SUPPORT FACING MATERIALS, FIXTURES, SPECIALTY ITEMS, MILLWORK AND TRIM.
13.	PROVIDE 3/4" FIRE-RETARDANT TREATED PLYWOOD AS BACKING PANELS FOR TELEPHONE & ELECTRICAL EQUIPMENT. INSTALL AT 1'-0" AFF TO FINISHED CEILING. PAINT PLYWOOD TO MATCH ADJACENT WALL FINISH. COORDINATE FINAL SIZE AND LOCATION WITH OWNER.
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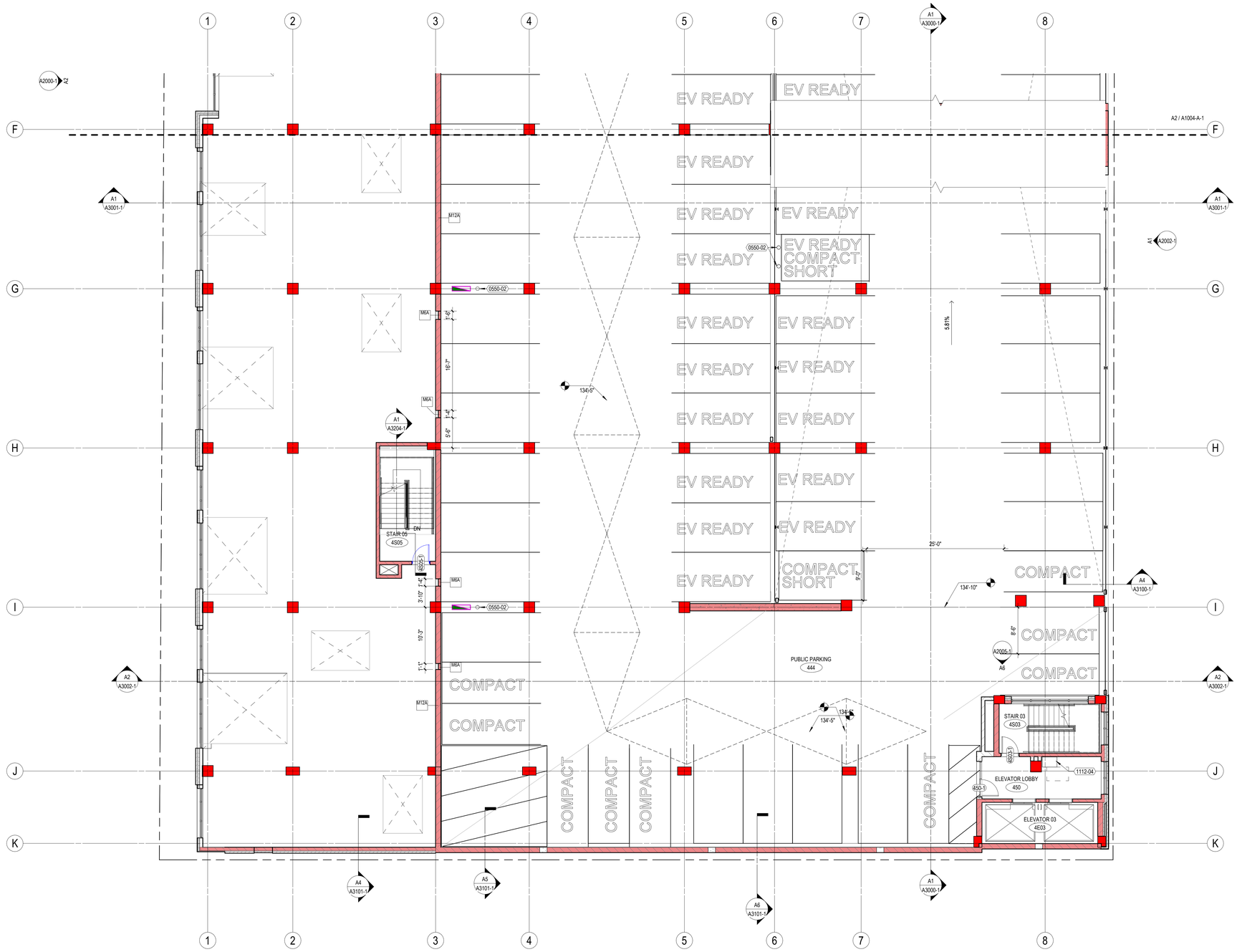
21.	ALL CORRIDOR WALLS ARE S6A-R11 UNLESS NOTED OTHERWISE.
22.	ALL UNIT DEMISING WALLS ARE S9A-S22 UNLESS NOTED OTHERWISE.
23.	ALL WALLS WITHIN UNITS ARE S3C-S11 UNLESS NOTED OTHERWISE.

KEYNOTES PER SHEET

0550-02	BOLLARD
1112-04	WALK-UP PAY STATION, OWNER FURNISHED, CONTRACTOR INSTALLED



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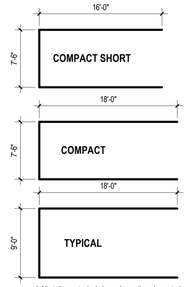
A2 P4 FLR - ZONE B - PHASE 1

1/8" = 1'-0"



* All stalls are typical size unless otherwise noted

Parking Legend

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
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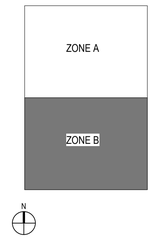
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P4 FLR - ZONE B - PHASE 1

A1004-B-1

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N

A3 P5 FLR OVERALL - PHASE 1

1/16" = 1'-0"

SHEET NOTES - FLOOR PLAN

1.	BEFORE BEGINNING WORK, VERIFY THE EXISTENCE AND LOCATION OF PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK. IF DISCREPANCIES ARE DISCOVERED, NOTIFY ARCHITECT PROMPTLY.
2.	NOTIFY ARCHITECT IMMEDIATELY OF ANY DIMENSIONAL OR ALIGNMENT DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
3.	VERIFY STRUCTURAL ELEMENTS, INCLUDING BUT NOT LIMITED TO POST TENSION CABLES OR OTHER REINFORCEMENT EMBEDDED IN FLOOR SLABS PRIOR TO CORING OR CUTTING. COORDINATE VERIFICATION METHOD WITH OWNER.
4.	REFER TO SHEET A0010-2 FOR REFERENCED PARTITION TYPES AND DETAILS.
5.	ALL WALLS DIRECTLY BEHIND OR ADJACENT TO PLUMBING FIXTURES SHALL RECEIVE MOISTURE- AND MOLD-RESISTANT GYPSUM BOARD, UNLESS NOTED OTHERWISE.
6.	SEE ENLARGED FLOOR PLANS FOR ADDITIONAL NOTES, DIMENSIONS AND WALL TAGS.
7.	REPAIR, PATCH AND CLEAN ALL EXISTING SURFACES SCHEDULED TO REMAIN THAT ARE AFFECTED BY DEMOLITION OR NEW CONSTRUCTION. MAKE APPEAR NEW, MATCHING ADJACENT CONSTRUCTION. PREPARE ALL SURFACES AS REQUIRED FOR SCHEDULED FINISHES. SKIM COAT AND PREPARE ALL DAMAGED OR UNFINISHED SURFACES.
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KEYNOTES PER SHEET

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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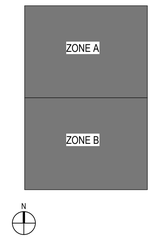
KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P5 FLR OVERALL - PHASE 1

A1005-1

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PHASE 2 - DOOR COORDINATION

DOORS SHOWN IN BLUE ARE NOT IN PHASE 1 SCOPE. OPENINGS AND CONDUIT, IF APPLICABLE, ARE TO BE COORDINATED IN PHASE 1. DOOR, FRAME AND HARDWARE ARE TO BE INCLUDED IN PHASE 2 SCOPE.

THIS INCLUDES BUT NOT LIMITED TO OVERHEAD DOORS.

SEE "DOOR SCHEDULE - PHASE 1 / PHASE 2" ON A6000-1 FOR MORE INFORMATION

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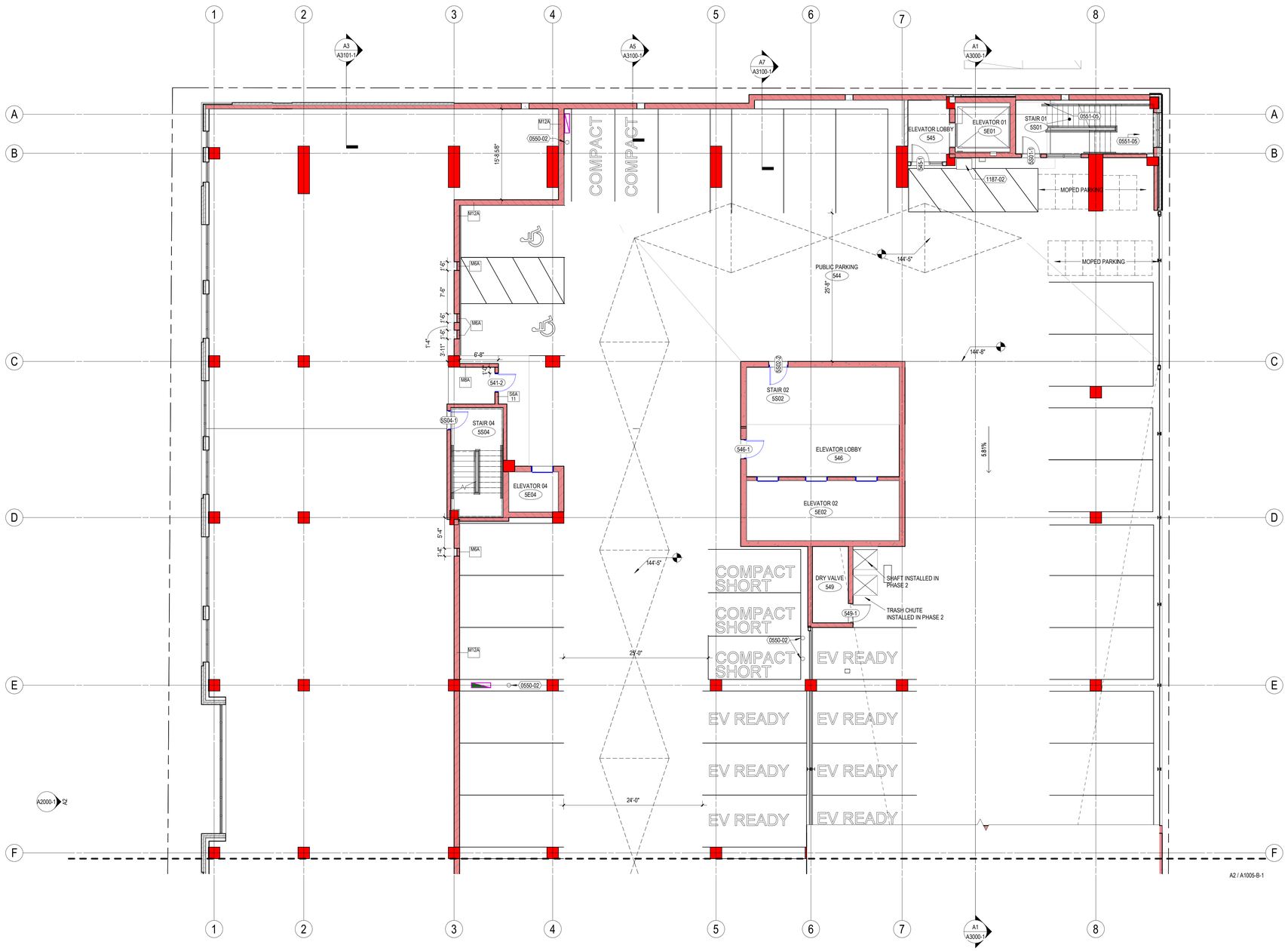
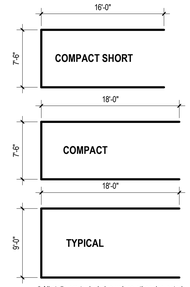
KEYNOTES PER SHEET

0550-02	BOLLARD
0551-05	VERTICAL STEEL PIPE RAILING OR HORIZONTAL CABLE RAILING, TO BE DETERMINED - 3'-6" HEIGHT
1187-02	





* All stalls are typical size unless otherwise noted

Parking Legend

1/8" = 1'-0"

A2 P5 FLR - ZONE A - PHASE 1

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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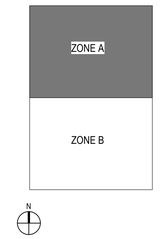
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P5 FLR - ZONE A - PHASE 1

A1005-A-1

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PHASE 2 - DOOR COORDINATION



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SEE "DOOR SCHEDULE - PHASE 1 / PHASE 2" ON A6000-1 FOR MORE INFORMATION

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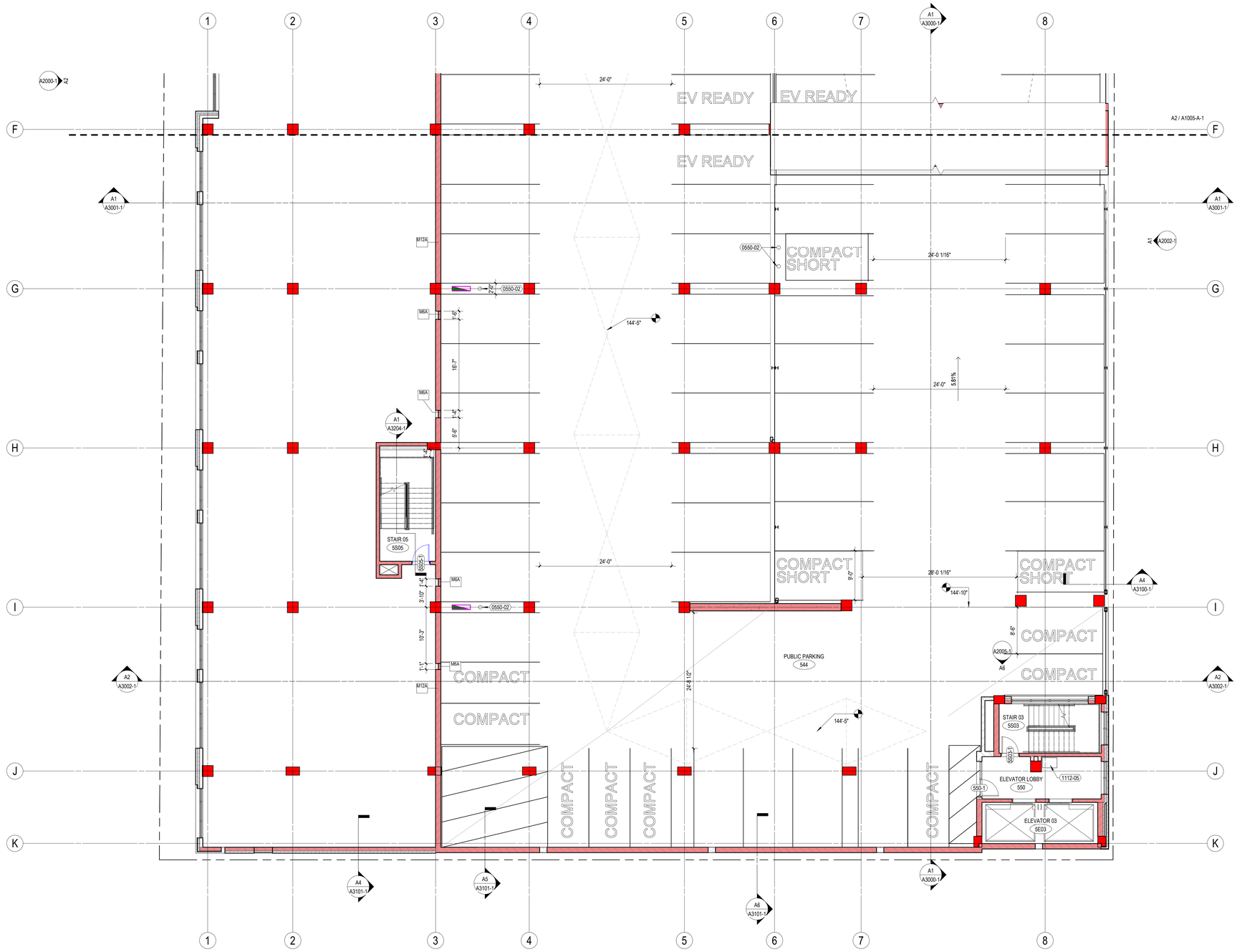
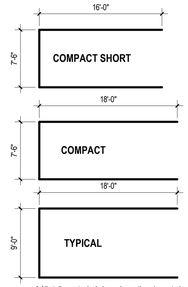
KEYNOTES PER SHEET

0550-02	BOLLARD
1112-05	FUTURE WALK-UP PAY STATION. OWNER FURNISHED, CONTRACTOR INSTALLED





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Parking Legend

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N

A2 P5 FLR - ZONE B - PHASE 1

1/8" = 1'-0"

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PROJECT INFORMATION

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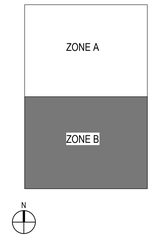

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P5 FLR - ZONE B - PHASE 1

A1005-B-1

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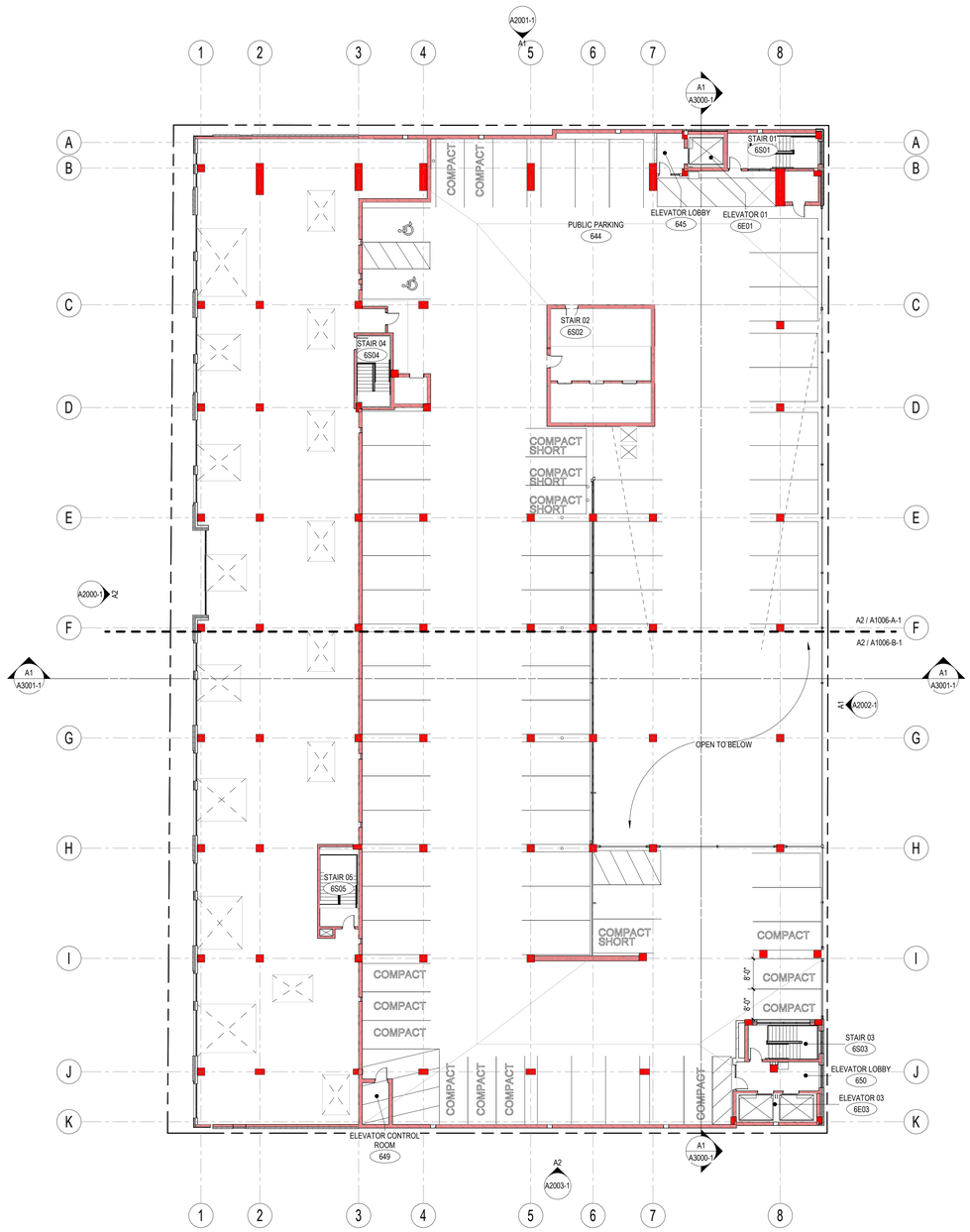

N

A3 P6 FLR OVERALL - PHASE 1

1/16" = 1'-0"

SHEET NOTES - FLOOR PLAN

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23.	ALL WALLS WITHIN UNITS ARE S3C-S11 UNLESS NOTED OTHERWISE.

KEYNOTES PER SHEET

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milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

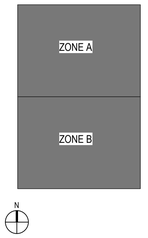
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P6 FLR OVERALL - PHASE 1

A1006-1

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PHASE 2 - DOOR COORDINATION



DOORS SHOWN IN BLUE ARE NOT IN PHASE 1 SCOPE. OPENINGS AND CONDUIT, IF APPLICABLE, ARE TO BE COORDINATED IN PHASE 1. DOOR, FRAME AND HARDWARE ARE TO BE INCLUDED IN PHASE 2 SCOPE.

THIS INCLUDES BUT NOT LIMITED TO OVERHEAD DOORS.

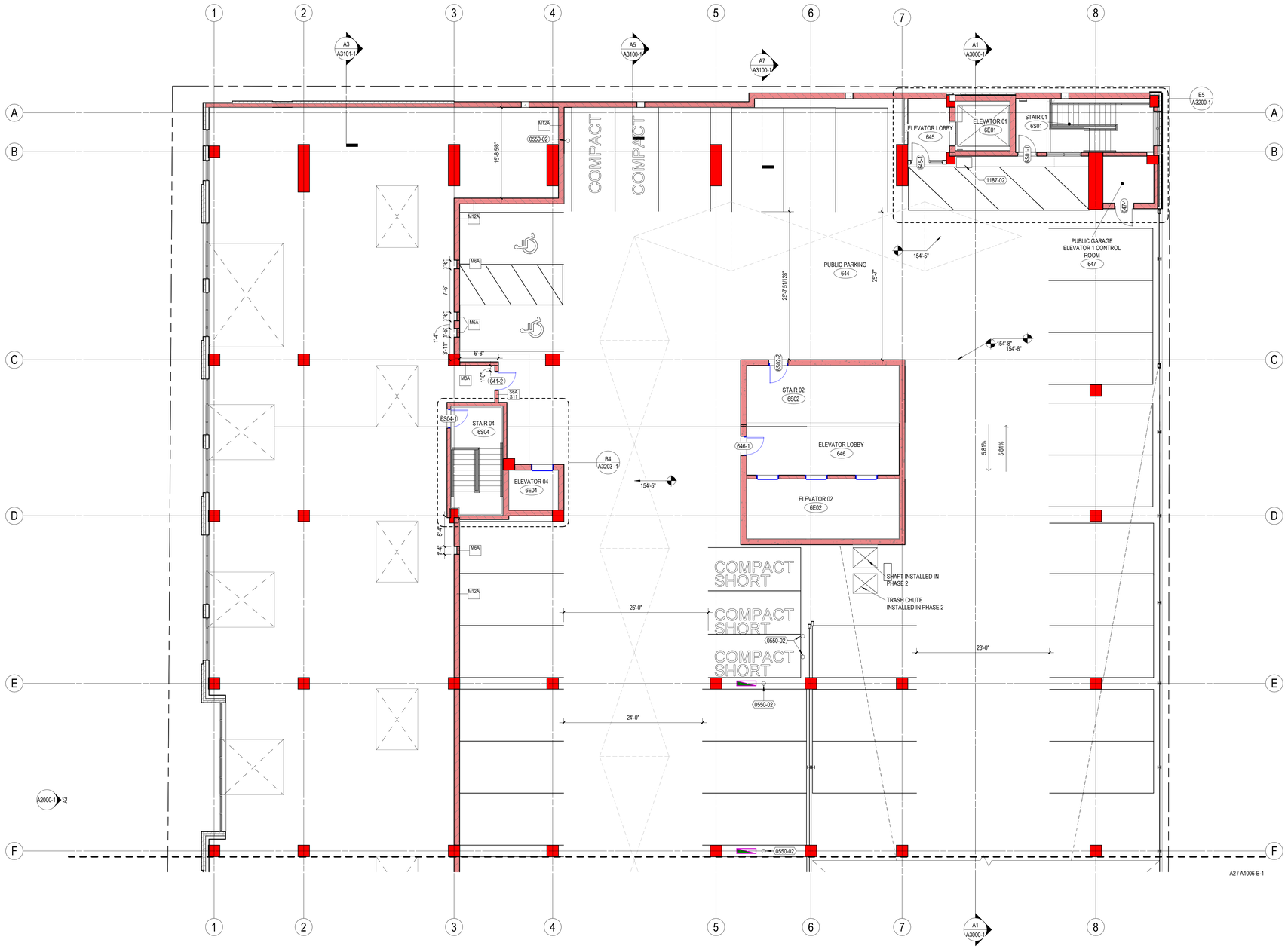
SEE "DOOR SCHEDULE - PHASE 1 / PHASE 2" ON A6000-1 FOR MORE INFORMATION

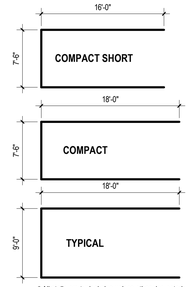
SHEET NOTES - FLOOR PLAN

1.	BEFORE BEGINNING WORK, VERIFY THE EXISTENCE AND LOCATION OF PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK. IF DISCREPANCIES ARE DISCOVERED, NOTIFY ARCHITECT PROMPTLY.
2.	NOTIFY ARCHITECT IMMEDIATELY OF ANY DIMENSIONAL OR ALIGNMENT DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
3.	VERIFY STRUCTURAL ELEMENTS, INCLUDING BUT NOT LIMITED TO POST TENSION CABLES OR OTHER REINFORCEMENT EMBEDDED IN FLOOR SLABS PRIOR TO CORING OR CUTTING. COORDINATE VERIFICATION METHOD WITH OWNER.
4.	REFER TO SHEET A0010-2 FOR REFERENCED PARTITION TYPES AND DETAILS.
5.	ALL WALLS DIRECTLY BEHIND OR ADJACENT TO PLUMBING FIXTURES SHALL RECEIVE MOISTURE- AND MOLD-RESISTANT GYPSUM BOARD, UNLESS NOTED OTHERWISE.
6.	SEE ENLARGED FLOOR PLANS FOR ADDITIONAL NOTES, DIMENSIONS AND WALL TAGS.
7.	REPAIR, PATCH AND CLEAN ALL EXISTING SURFACES SCHEDULED TO REMAIN THAT ARE AFFECTED BY DEMOLITION OR NEW CONSTRUCTION. MAKE APPEAR NEW, MATCHING ADJACENT CONSTRUCTION. PREPARE ALL SURFACES AS REQUIRED FOR SCHEDULED FINISHES. SKIM COAT AND PREPARE ALL DAMAGED OR UNFINISHED SURFACES.
8.	LOCATE ALL DOOR JAMBS 4" FROM ADJACENT PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
9.	WORK REQUIRED FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY ARE NOT FULLY REPRESENTED ON THESE PLANS. THE DESIGN OF THE FULL SCOPE OF WORK FOR FIRE SPRINKLERS, PLUMBING, HVAC, ELECTRICAL AND LIFE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHOULD BE COORDINATED AND APPROVED BY THE OWNER. ANY INFORMATION SHOWN ON THE ARCHITECTURAL DRAWINGS RELATED TO THOSE DISCIPLINES ARE INTENDED FOR GENERAL REFERENCE ONLY.
10.	PREPARE FLOOR LEVEL AND SMOOTH FOR NEW HARD SURFACE FINISHES. PATCH EXISTING PENETRATIONS AND ABNORMALITIES IN CONCRETE FLOOR.
11.	PROVIDE BLOCKING BEHIND FUTURE GRAB BAR LOCATIONS IN ALL UNITS PER ANSI A117.1. ALL UNITS ARE ANSI A117.1 'TYPE-B' UNITS UNLESS NOTED OTHERWISE AS ANSI A117.1 'TYPE-A' UNITS. SEE SHEET A021 FOR MORE INFORMATION.
12.	PROVIDE BLOCKING AND FRAMING AS INDICATED AND AS REQUIRED TO SUPPORT FACING MATERIALS, FIXTURES, SPECIALTY ITEMS, MILLWORK AND TRIM.
13.	PROVIDE 3/4" FIRE-RETARDANT TREATED PLYWOOD AS BACKING PANELS FOR TELEPHONE & ELECTRICAL EQUIPMENT. INSTALL AT 1'-0" AFF TO FINISHED CEILING. PAINT PLYWOOD TO MATCH ADJACENT WALL FINISH. COORDINATE FINAL SIZE AND LOCATION WITH OWNER.
14.	
DIMENSIONING NOTES	
17.	INTERIOR METAL STUD WALLS ARE DIMENSIONED TO FINISHED FACE OF GYPSUM BOARD UNLESS NOTED OTHERWISE.
18.	EXTERIOR METAL STUD WALLS ARE DIMENSIONED TO EXTERIOR FACE OF STUD UNLESS NOTED OTHERWISE.
19.	CMU WALLS ARE DIMENSIONED TO FACE OF CMU.
WALL NOTES	
21.	ALL CORRIDOR WALLS ARE S6A-R11 UNLESS NOTED OTHERWISE.
22.	ALL UNIT DEMISING WALLS ARE S8A-S22 UNLESS NOTED OTHERWISE.
23.	ALL WALLS WITHIN UNITS ARE S3C-S11 UNLESS NOTED OTHERWISE.

KEYNOTES PER SHEET

0550-02	BOLLARD
1187-02	





* All stalls are typical size unless otherwise noted

Parking Legend
1/8" = 1'-0"

N

A2 P6 FLR - ZONE A - PHASE 1
1/8" = 1'-0"

eua

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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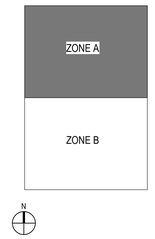
KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P6 FLR - ZONE A - PHASE 1

A1006-A-1

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PHASE 2 - DOOR COORDINATION



DOORS SHOWN IN BLUE ARE NOT IN PHASE 1 SCOPE. OPENINGS AND CONDUIT, IF APPLICABLE, ARE TO BE COORDINATED IN PHASE 1. DOOR, FRAME AND HARDWARE ARE TO BE INCLUDED IN PHASE 2 SCOPE.

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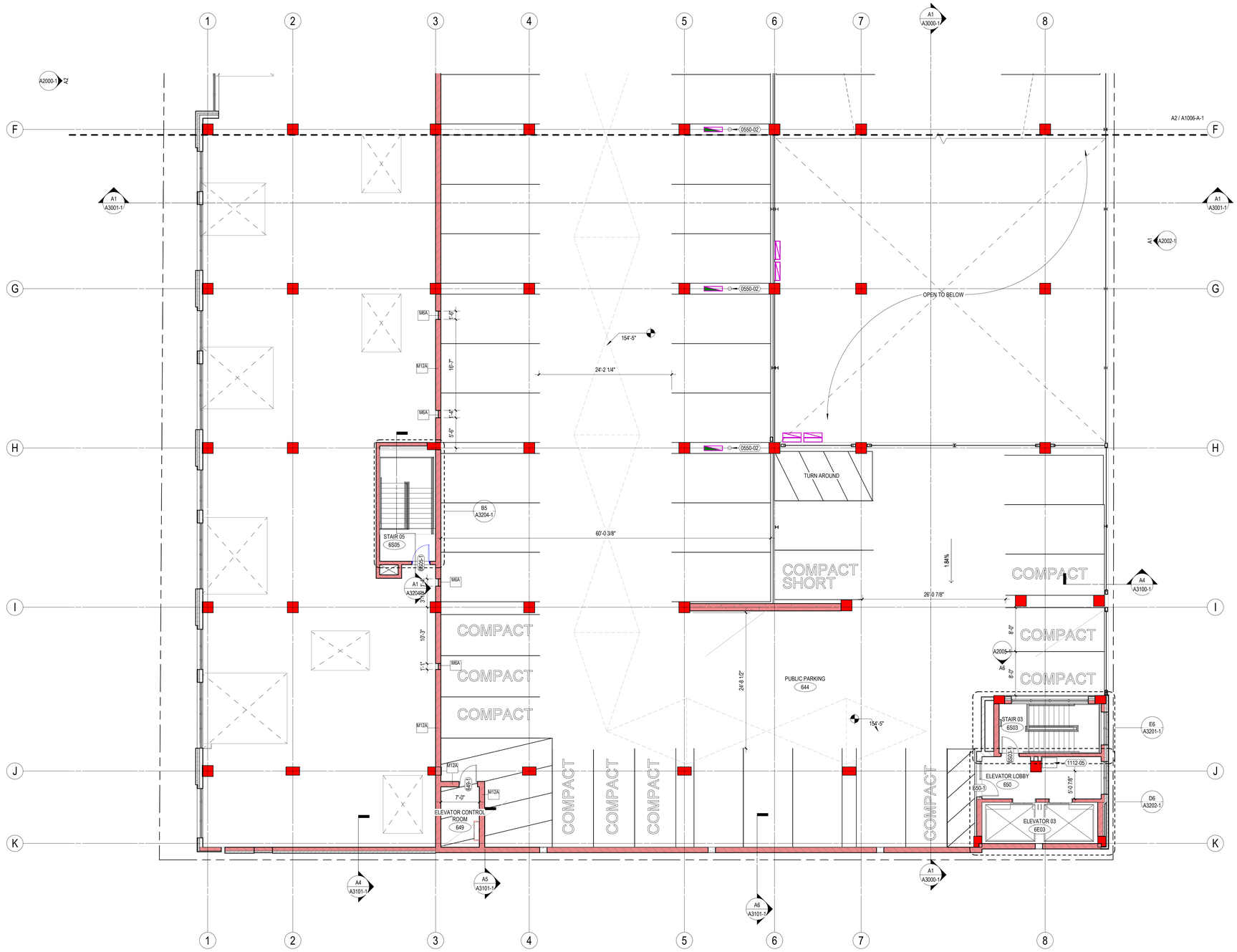
23.	ALL WALLS WITHIN UNITS ARE S3C-S11 UNLESS NOTED OTHERWISE.

KEYNOTES PER SHEET

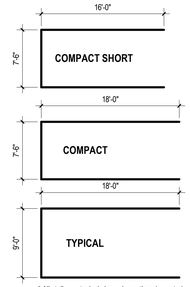
0550-02	BOLLARD
1112-05	FUTURE WALK-UP PAY STATION, OWNER FURNISHED, CONTRACTOR INSTALLED



N

A2 P6 FLR - ZONE B - PHASE 1

1/8" = 1'-0"



* All stalls are typical size unless otherwise noted

Parking Legend

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
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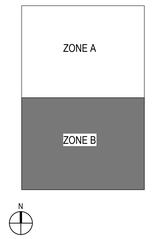
KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P6 FLR - ZONE B - PHASE 1

A1006-B-1

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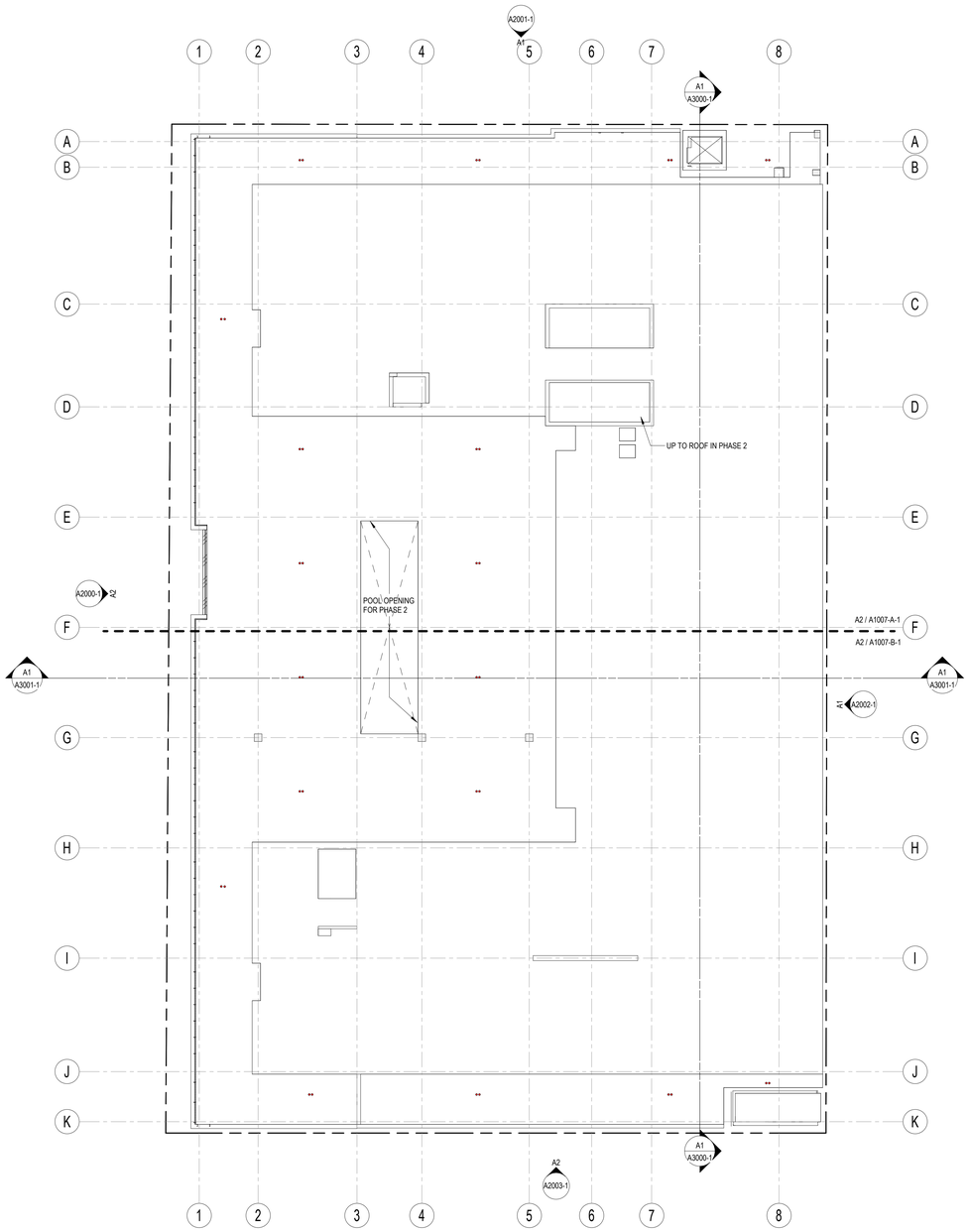

N

A3 7TH FLR OVERALL - PHASE 1

1/16" = 1'-0"

SHEET NOTES - FLOOR PLAN

1.	BEFORE BEGINNING WORK, VERIFY THE EXISTENCE AND LOCATION OF PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK. IF DISCREPANCIES ARE DISCOVERED, NOTIFY ARCHITECT PROMPTLY.
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WALL NOTES	
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22.	ALL UNIT DEMISING WALLS ARE S6A-S22 UNLESS NOTED OTHERWISE.
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KEYNOTES PER SHEET

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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05-05-2023	SCHEMATIC DESIGN PH1
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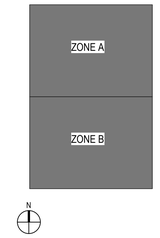
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

7TH FLR OVERALL - PHASE 1

A1007-1

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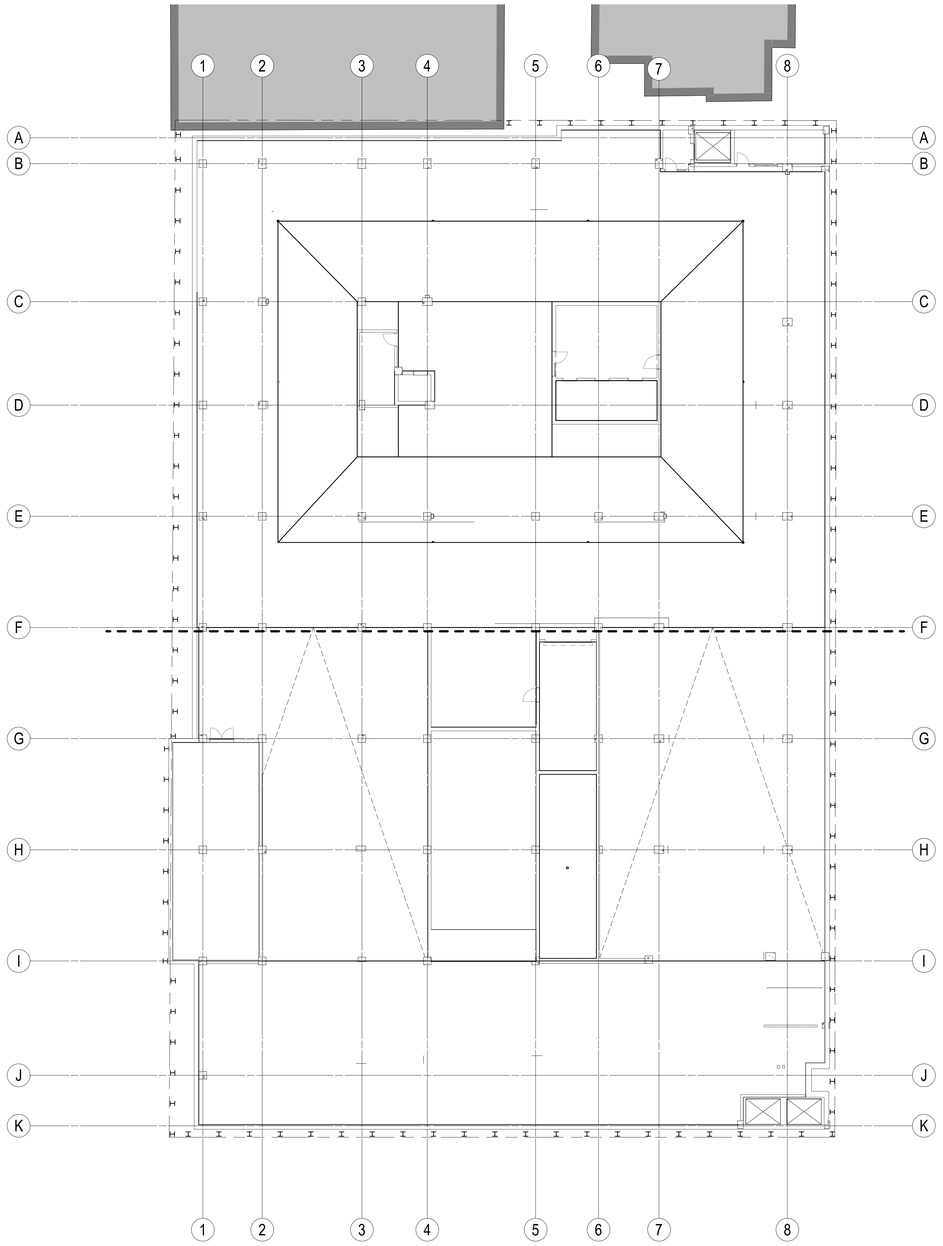
SHEET NOTES - SLAB EDGE

1.	REFER TO FLOOR PLANS FOR SLAB PITCH AND DRAIN LOCATIONS.
2.	NOTIFY ARCHITECT IMMEDIATELY OF ANY DIMENSIONAL OR ALIGNMENT DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
3.	IN SPLIT SLAB CONDITIONS, DIMENSIONS ARE TO SHOWN FOR TOPPING SLAB ONLY. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL SLAB DEPTH.
DIMENSIONING NOTES	
4.	DIMENSIONS ARE FROM GRID LINE OR FACE OF WALL TO EDGE OF SLAB UNLESS NOTED OTHERWISE. WALLS SHOWN FOR REFERENCE ONLY.



N

A3 LOWER LEVEL SLAB EDGE - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
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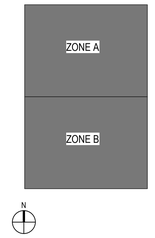

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

LL OVERALL SLAB EDGE PLAN - PHASE 1

A1010-1

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SHEET NOTES - SLAB EDGE

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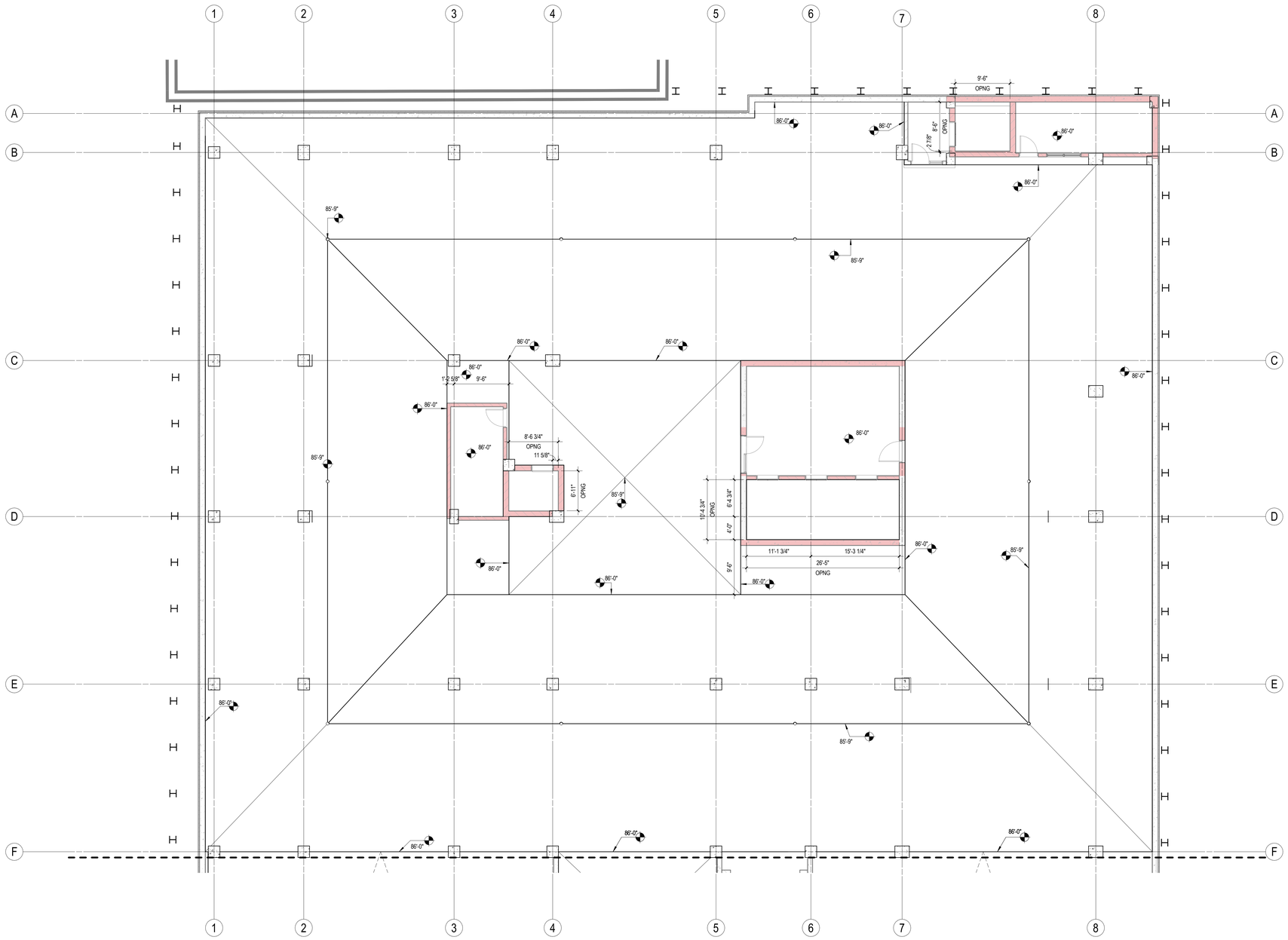

N A2 LOWER LEVEL SLAB EDGE - ZONE A
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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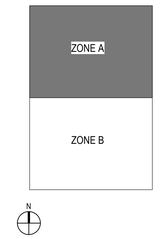

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

LOWER LEVEL SLAB EDGE PLAN - ZONE A - PHASE 1

A1010-A-1

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SHEET NOTES - SLAB EDGE

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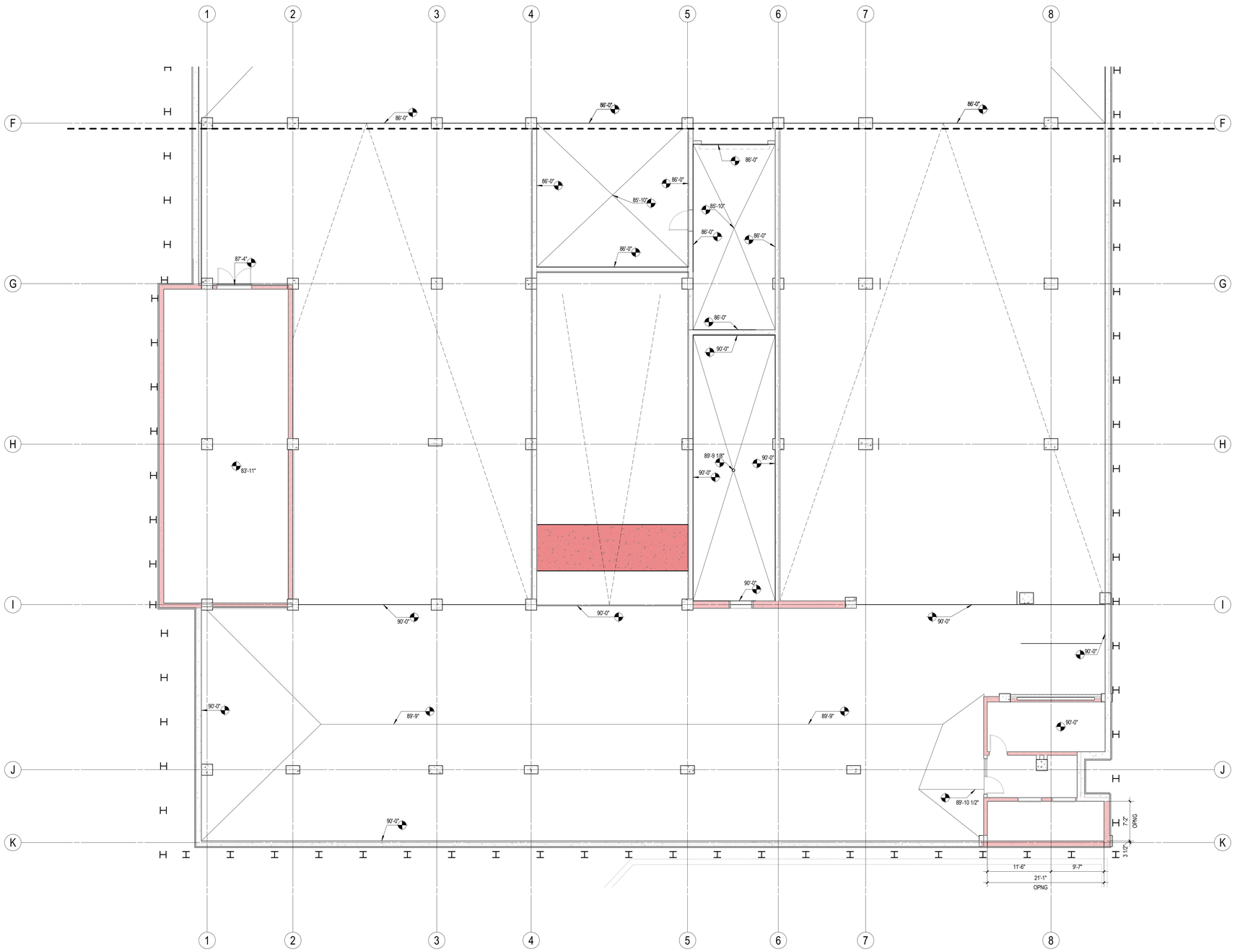

N

A2 LOWER LEVEL SLAB EDGE - ZONE B

1/8" = 1'-0"

eua

milwaukee | madison | green bay | denver | atlanta

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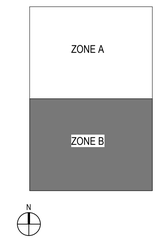

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

LOWER LEVEL SLAB EDGE PLAN - ZONE B - PHASE 1

A1010-B-1

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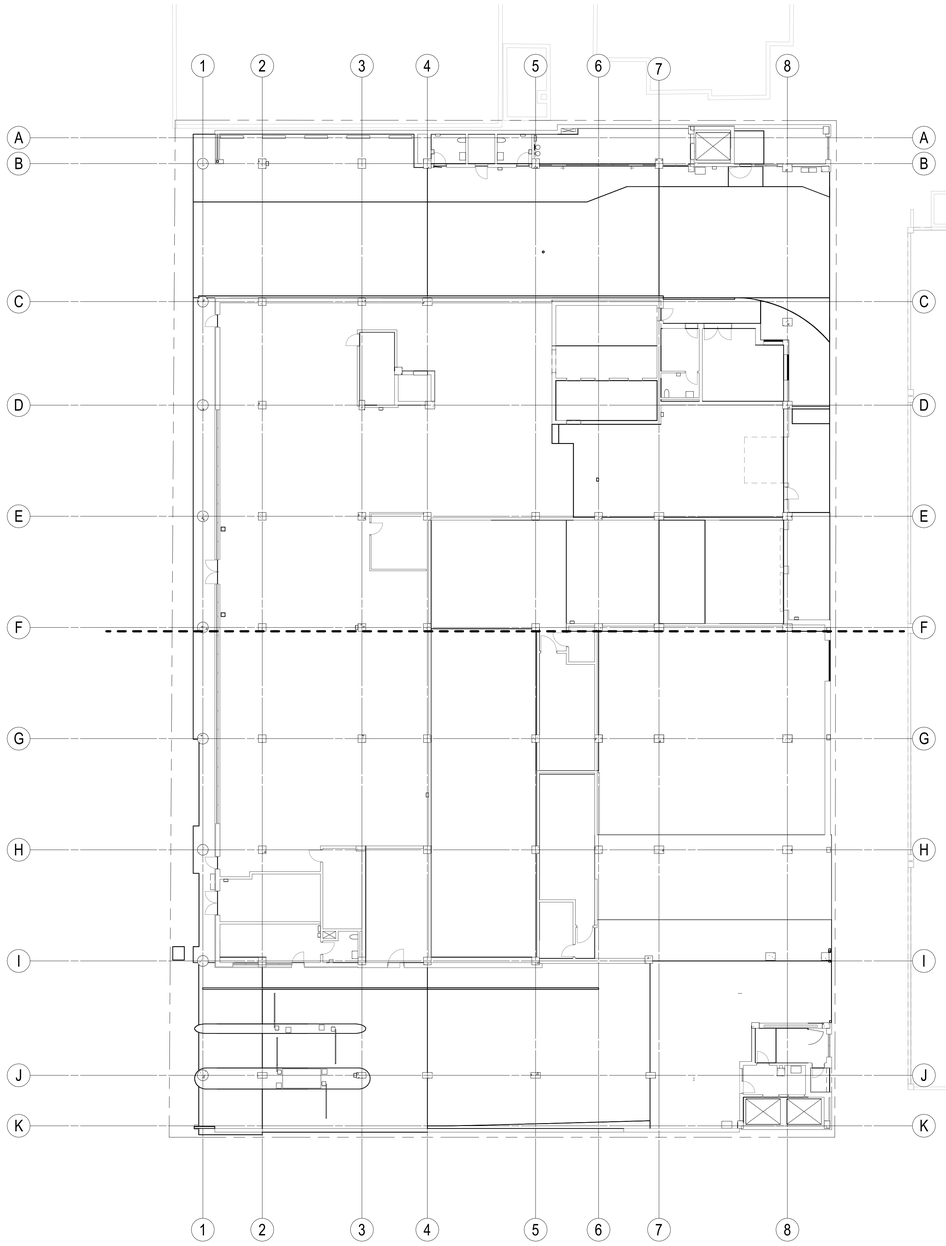
DIMENSIONING NOTES	
4.	DIMENSIONS ARE FROM GRID LINE OR FACE OF WALL TO EDGE OF SLAB UNLESS NOTED OTHERWISE. WALLS SHOWN FOR REFERENCE ONLY.



N

A3 1ST FLR SLAB EDGE - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

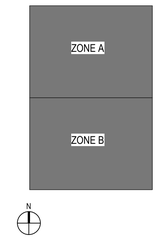
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR OVERALL SLAB EDGE PLAN - PHASE 1

A1011-1

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SHEET NOTES - SLAB EDGE

1.	REFER TO FLOOR PLANS FOR SLAB PITCH AND DRAIN LOCATIONS.
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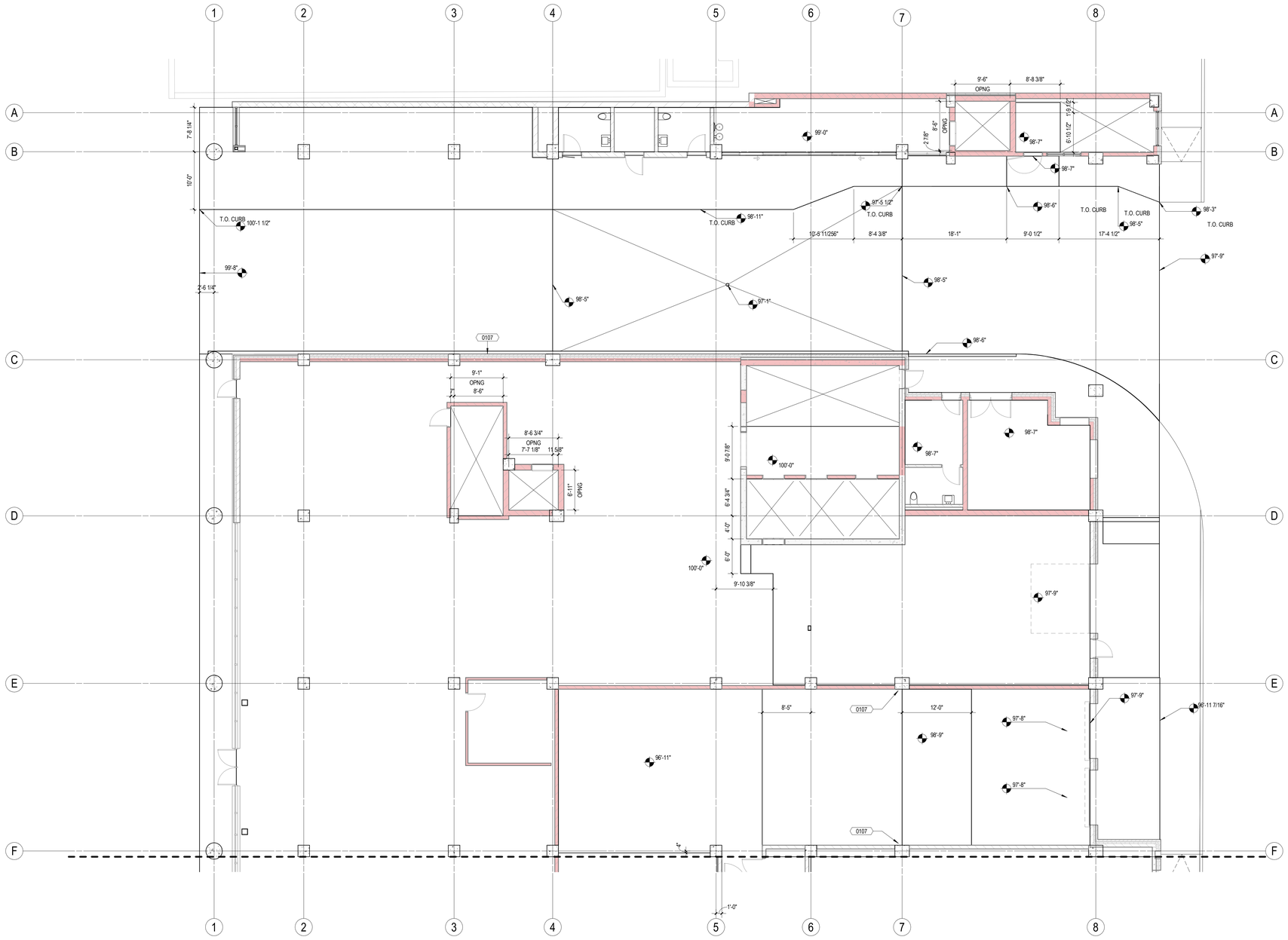
KEYNOTES PER SHEET

0107	ALIGN SLAB EDGE TO FACE OF COLUMN OR BEAM.



N

A2 1ST FLR SLAB EDGE - ZONE A

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

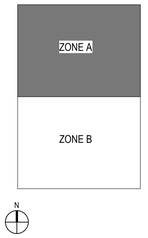
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR SLAB EDGE PLAN - ZONE A - PHASE 1

A1011-A-1

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SHEET NOTES - SLAB EDGE

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KEYNOTES PER SHEET

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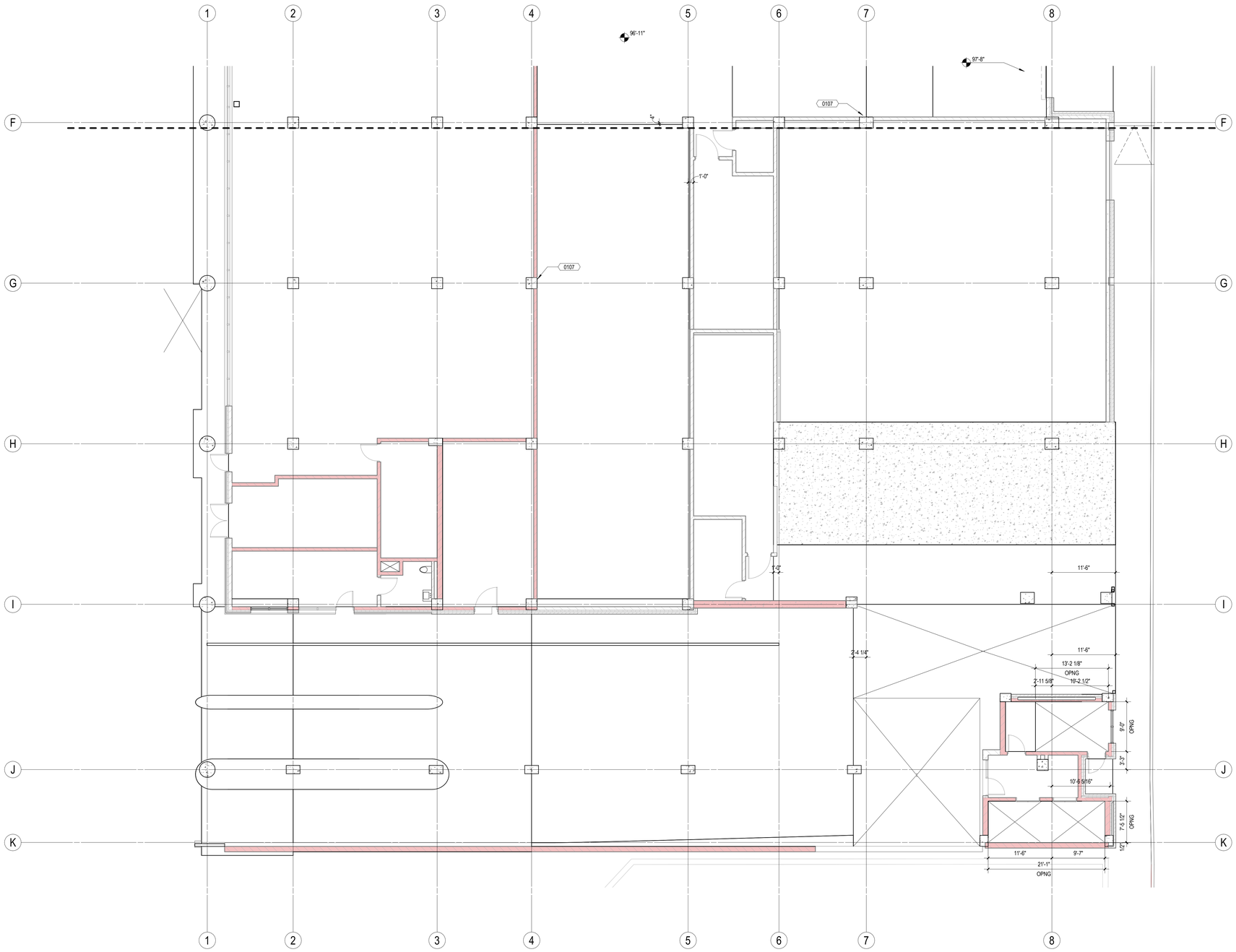

N A2 1ST FLR SLAB EDGE - ZONE B
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

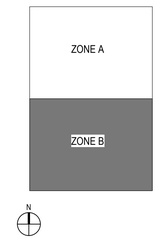
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR SLAB EDGE PLAN - ZONE B - PHASE 1

A1011-B-1

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SHEET NOTES - SLAB EDGE

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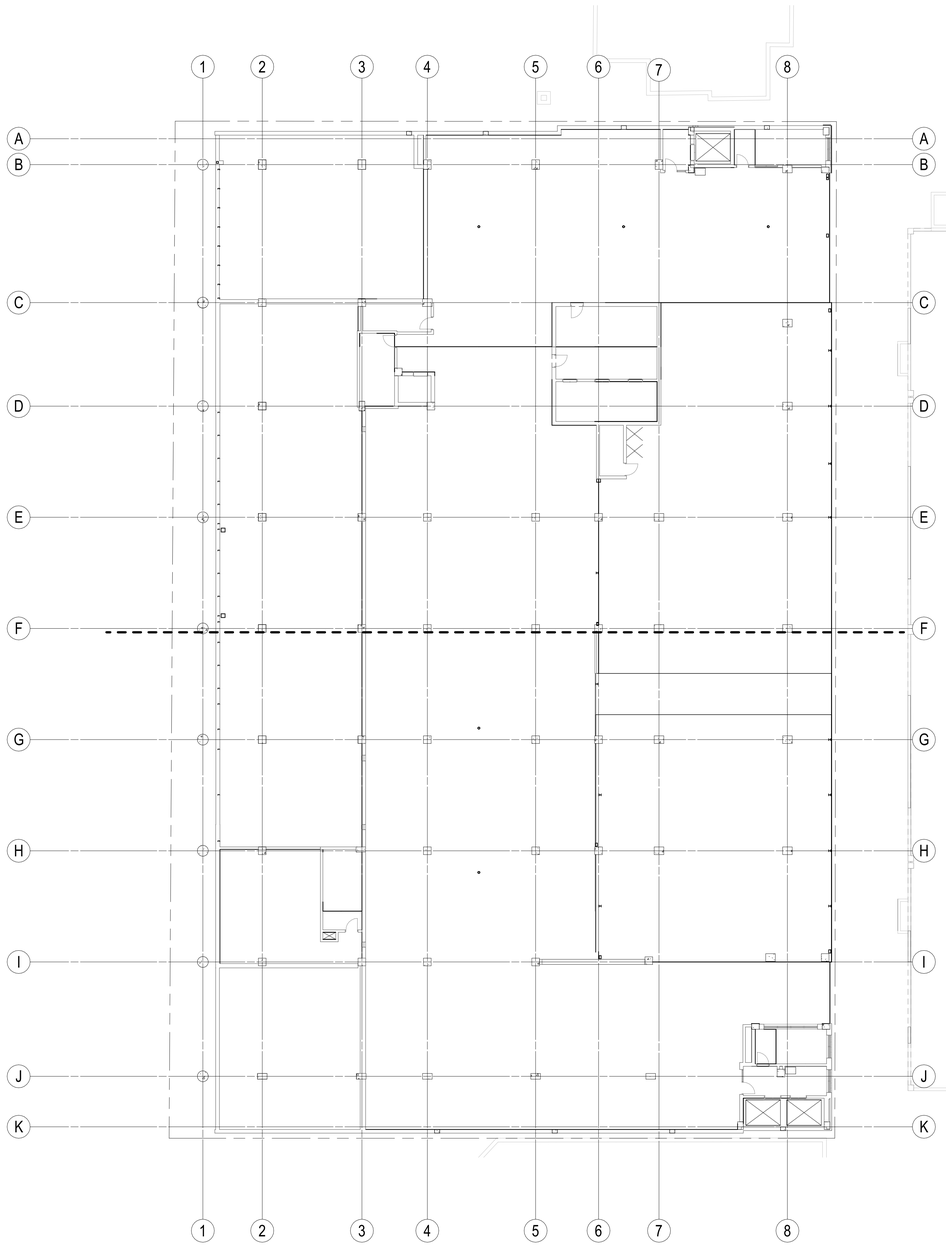

N

A3 P2 FLR SLAB EDGE - PHASE 1
1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

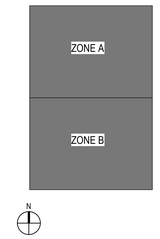
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

2ND FLR OVERALL SLAB EDGE PLAN - PHASE 1

A1012-1

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SHEET NOTES - SLAB EDGE

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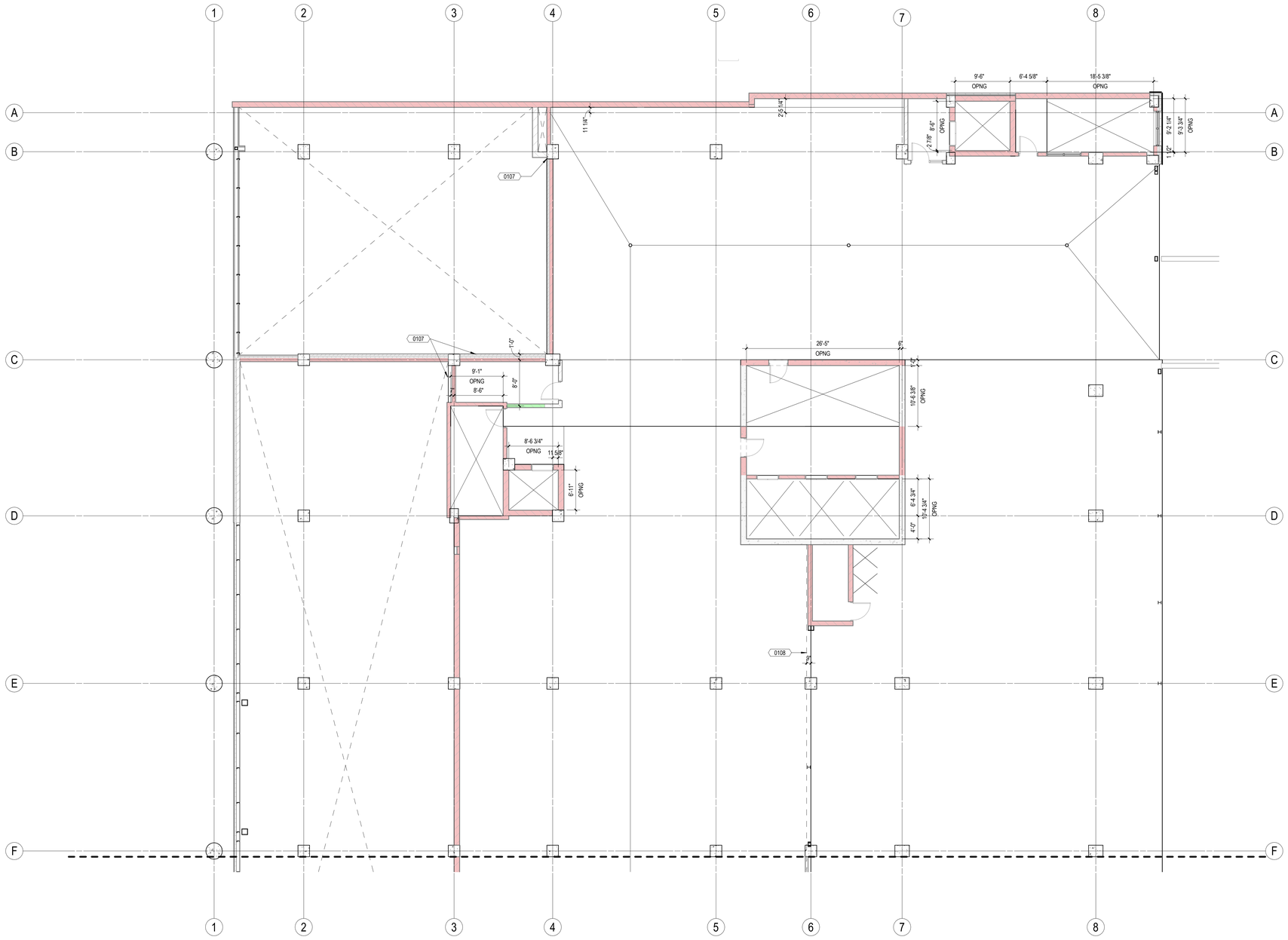
KEYNOTES PER SHEET

0107	ALIGN SLAB EDGE TO FACE OF COLUMN OR BEAM.
0108	SLAB EDGE BELOW



N

A2 P2 FLR SLAB EDGE - ZONE A

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

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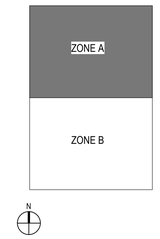

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

2ND FLR SLAB EDGE PLAN - ZONE A - PHASE 1

A1012-A-1

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SHEET NOTES - SLAB EDGE

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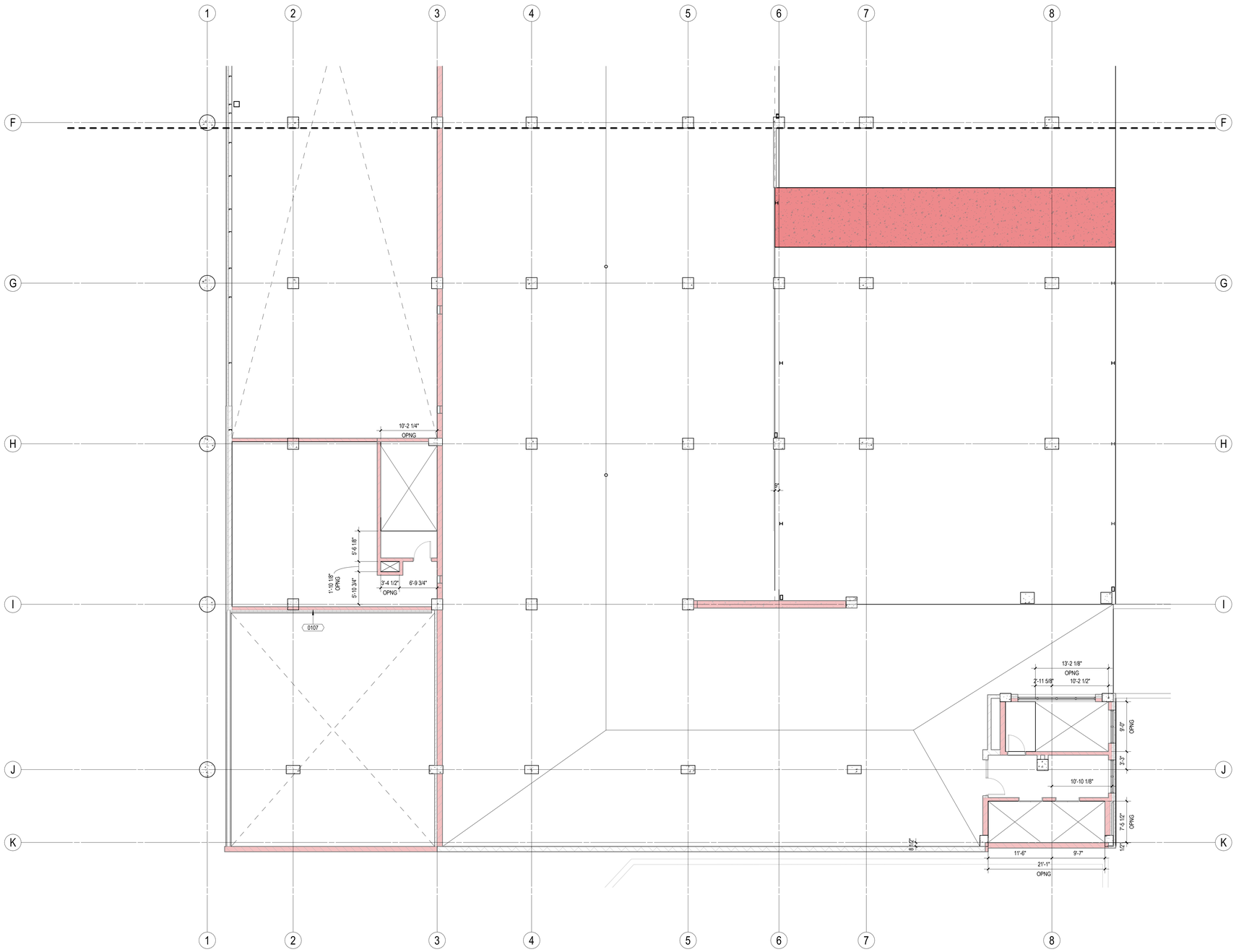

N A2 P2 FLR SLAB EDGE - ZONE B
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

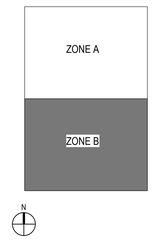
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

2ND FLR SLAB EDGE PLAN - ZONE B - PHASE 1

A1012-B-1

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SHEET NOTES - SLAB EDGE

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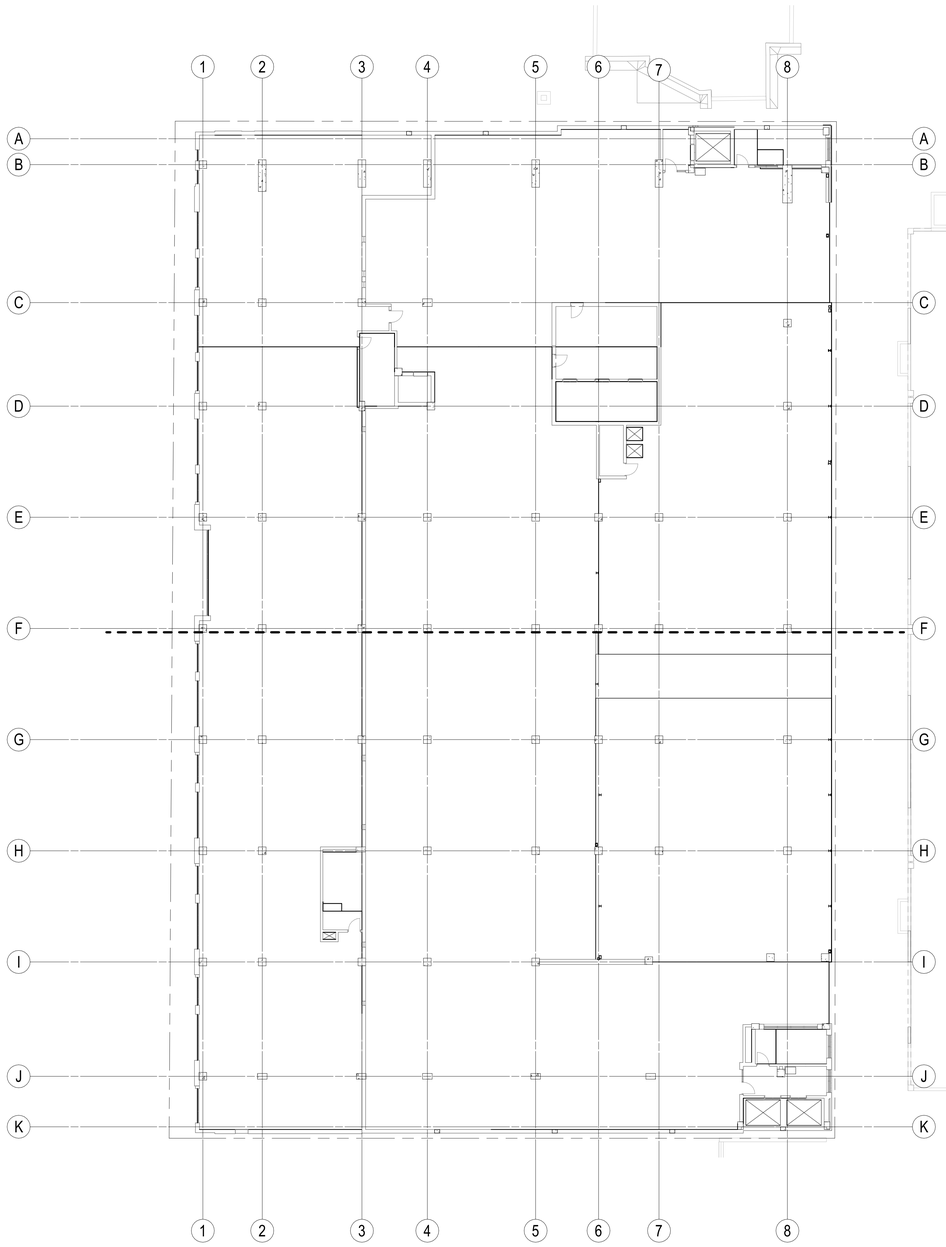

N

A3 P3 FLR SLAB EDGE - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

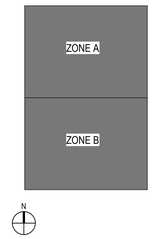
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

3RD FLR OVERALL SLAB EDGE PLAN - PHASE 1

A1013-1

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SHEET NOTES - SLAB EDGE

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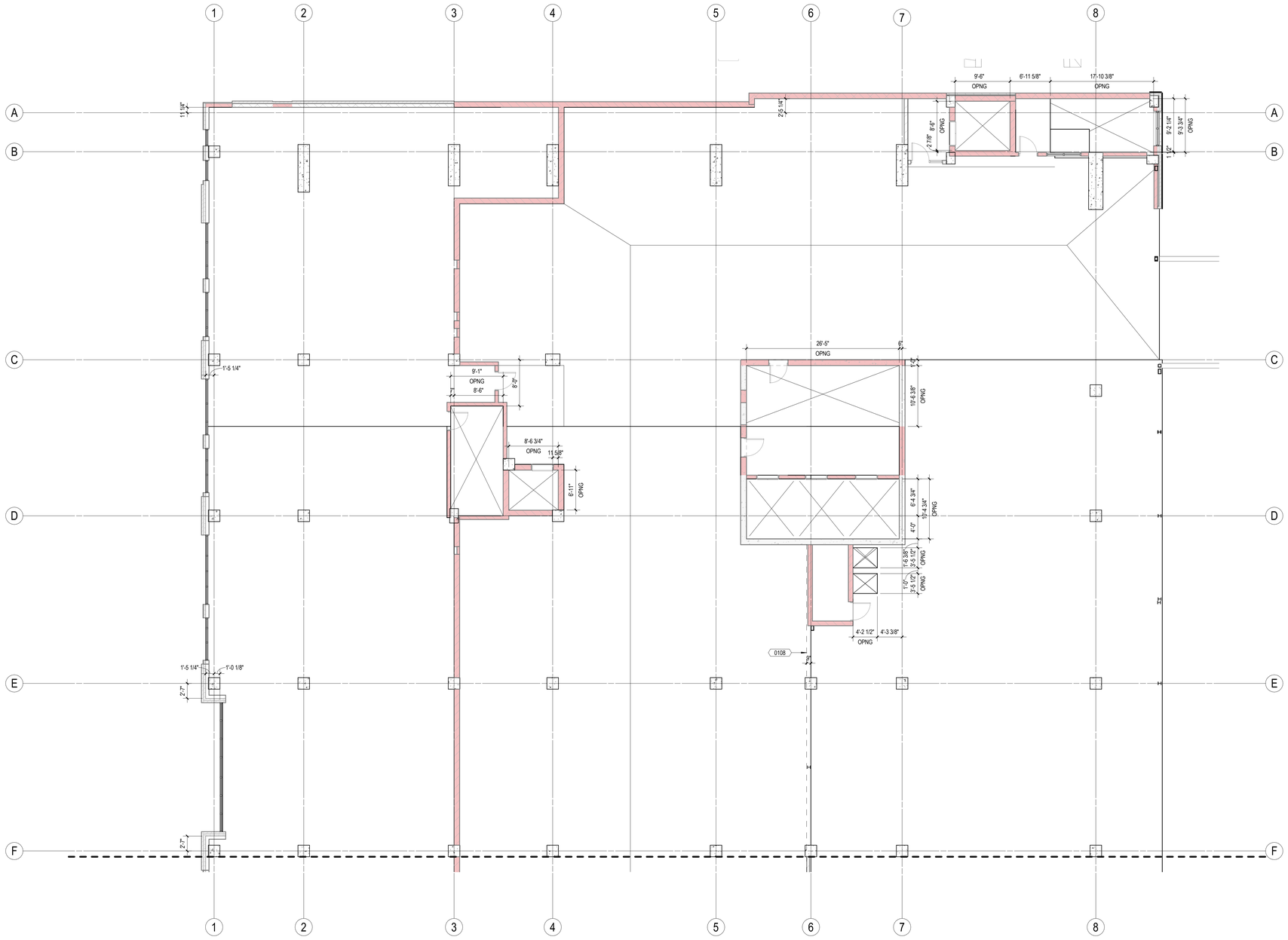
KEYNOTES PER SHEET

0108	SLAB EDGE BELOW



N

A2 P3 FLR SLAB EDGE - ZONE A

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

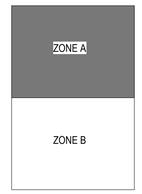
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

3RD FLR SLAB EDGE PLAN - ZONE A - PHASE 1

A1013-A-1

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SHEET NOTES - SLAB EDGE

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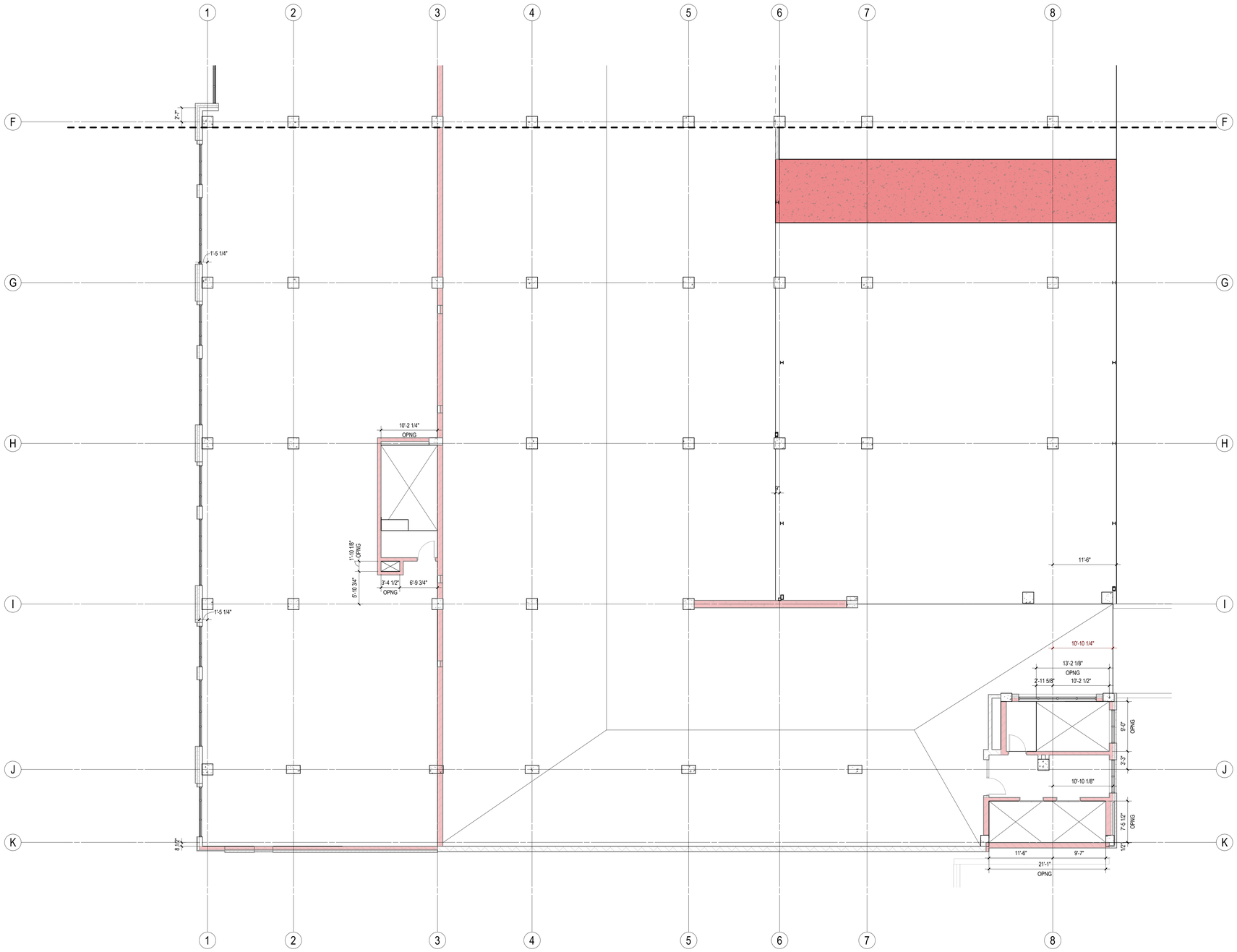

N

A2 P3 FLR SLAB EDGE - ZONE B

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

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ISSUANCE AND REVISIONS

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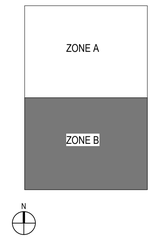

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

3RD FLR SLAB EDGE PLAN - ZONE B - PHASE 1

A1013-B-1

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SHEET NOTES - SLAB EDGE

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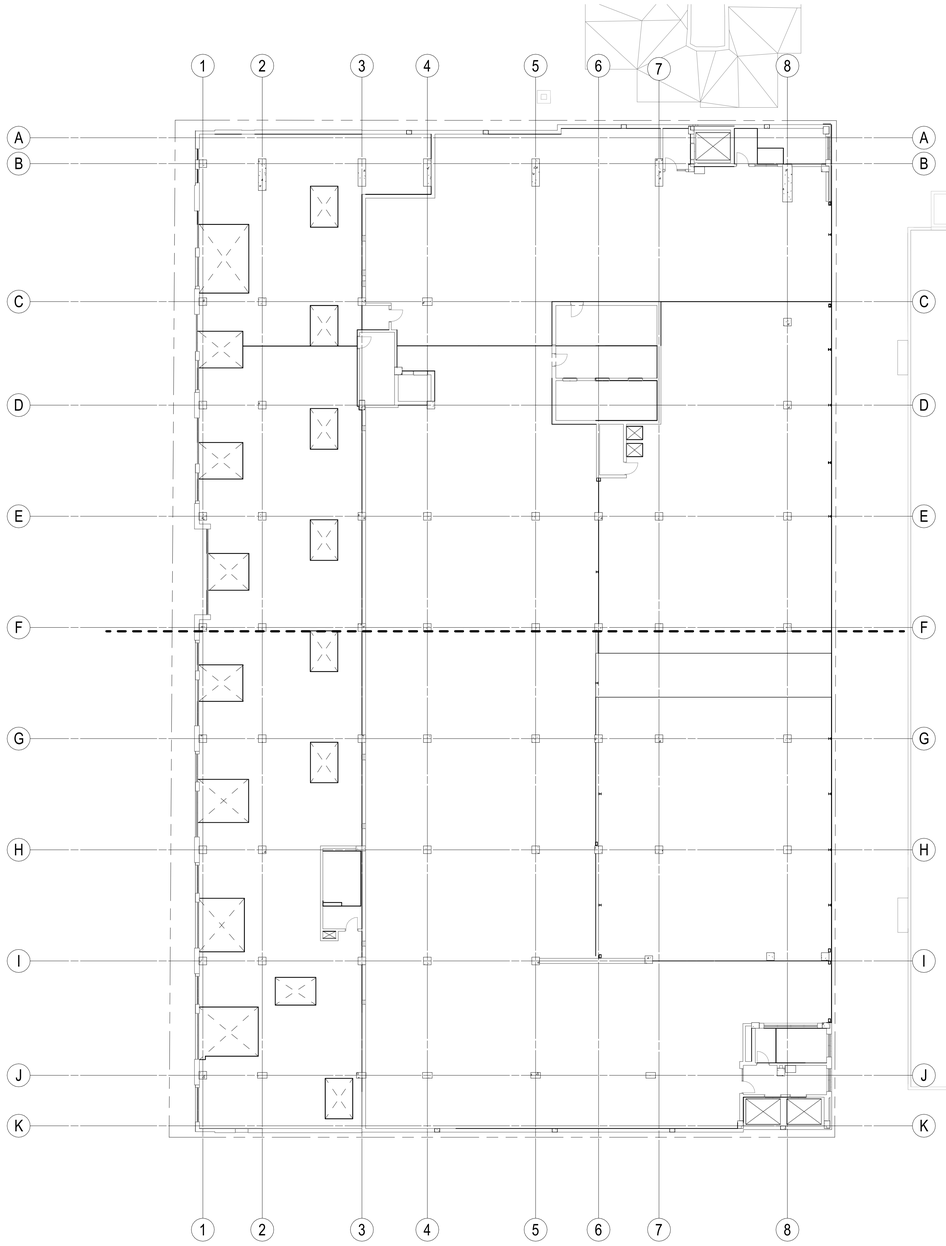

N

A3 P4 FLR SLAB EDGE - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
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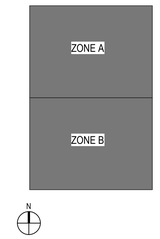
CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

4TH FLR OVERALL SLAB EDGE PLAN - PHASE 1

A1014-1

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SHEET NOTES - SLAB EDGE

1.	REFER TO FLOOR PLANS FOR SLAB PITCH AND DRAIN LOCATIONS.
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DIMENSIONING NOTES	
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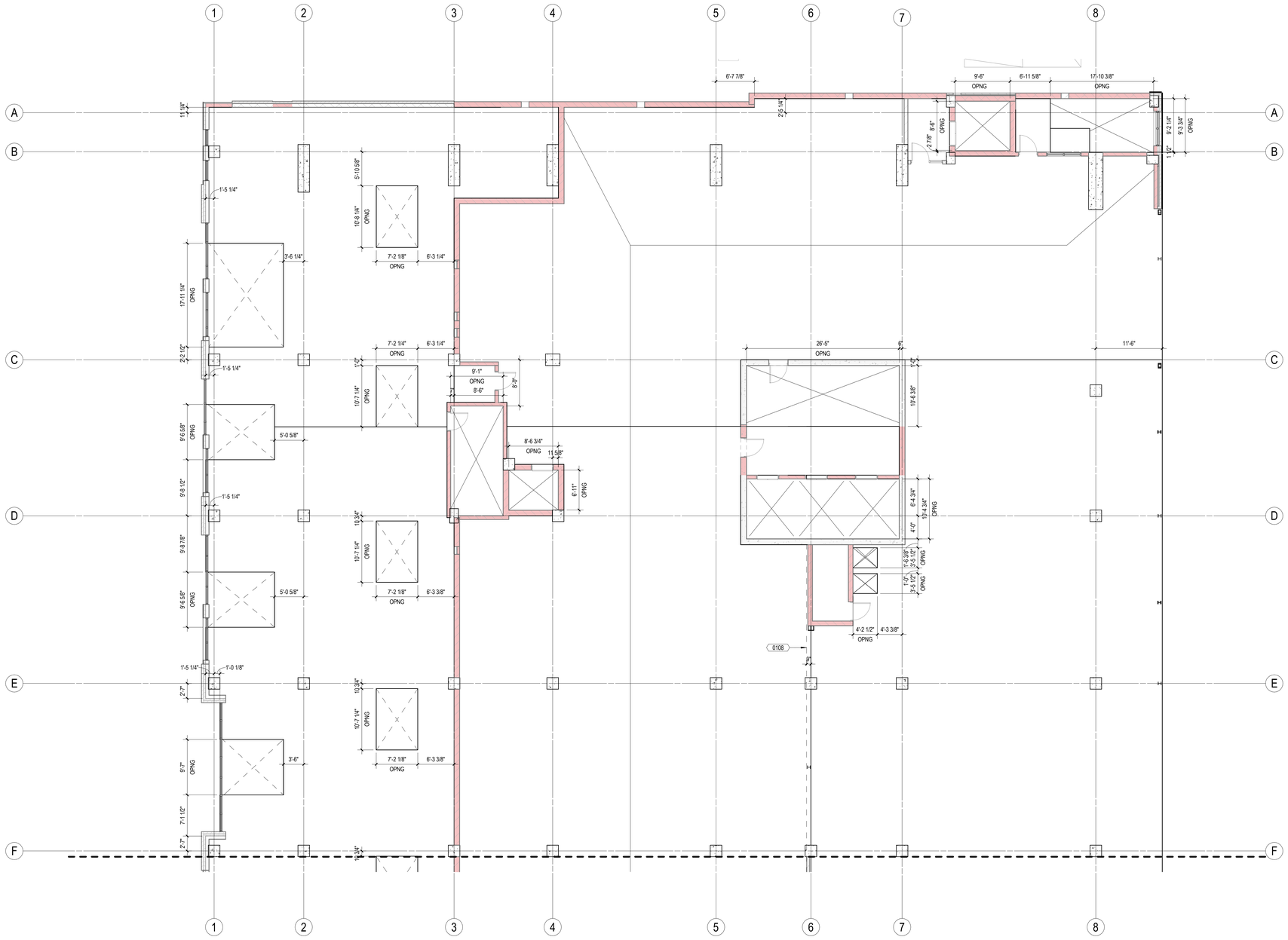
KEYNOTES PER SHEET

0108	SLAB EDGE BELOW



N A2 P4 FLR SLAB EDGE - ZONE A
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

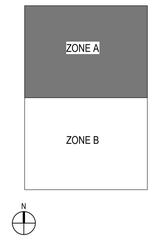
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

4TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1

A1014-A-1

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SHEET NOTES - SLAB EDGE

1.	REFER TO FLOOR PLANS FOR SLAB PITCH AND DRAIN LOCATIONS.
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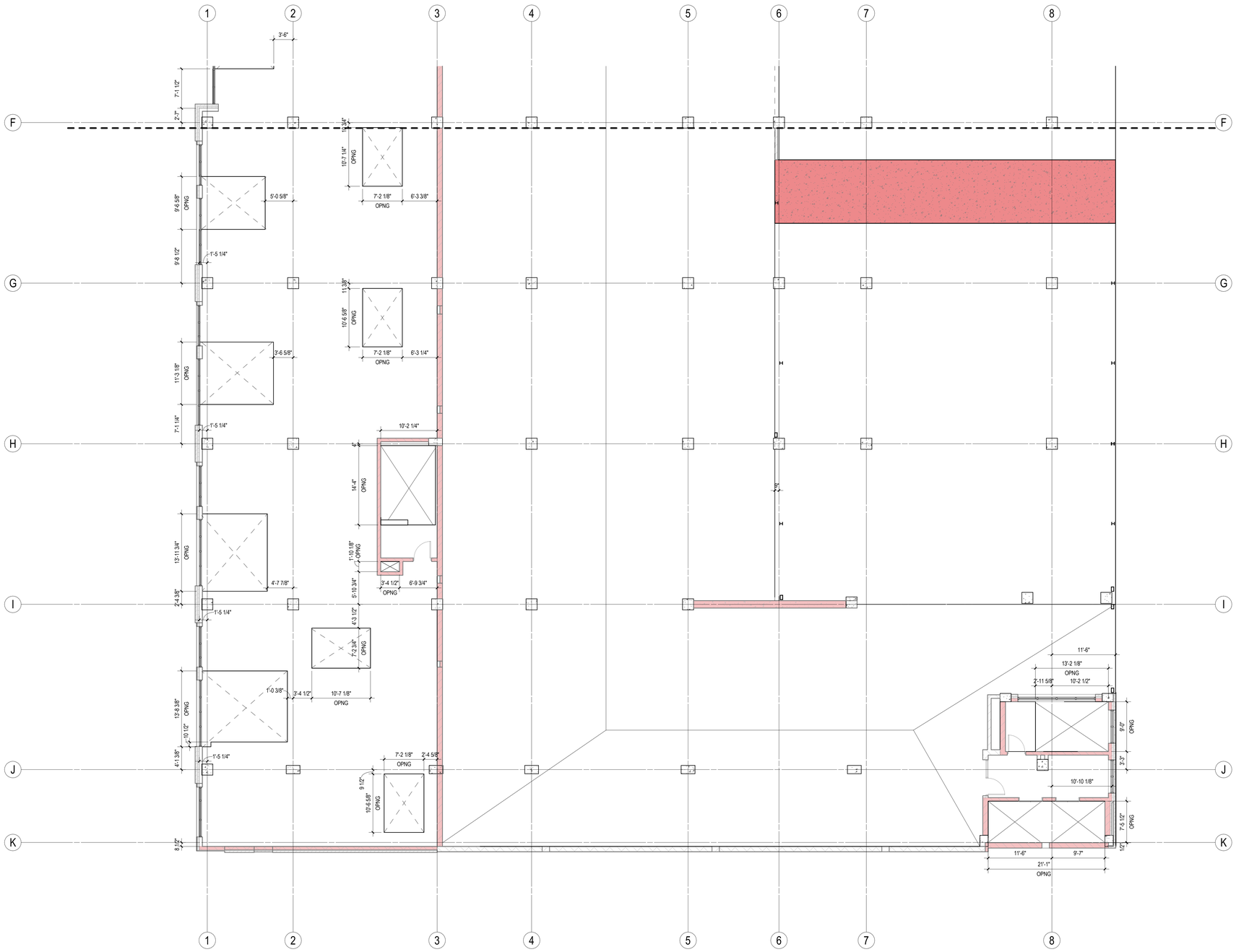
KEYNOTES PER SHEET



N A2 P4 FLR SLAB EDGE - ZONE B
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

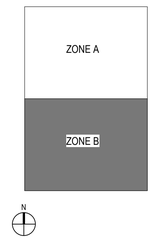
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

4TH FLR SLAB EDGE PLAN - ZONE B - PHASE 1

A1014-B-1

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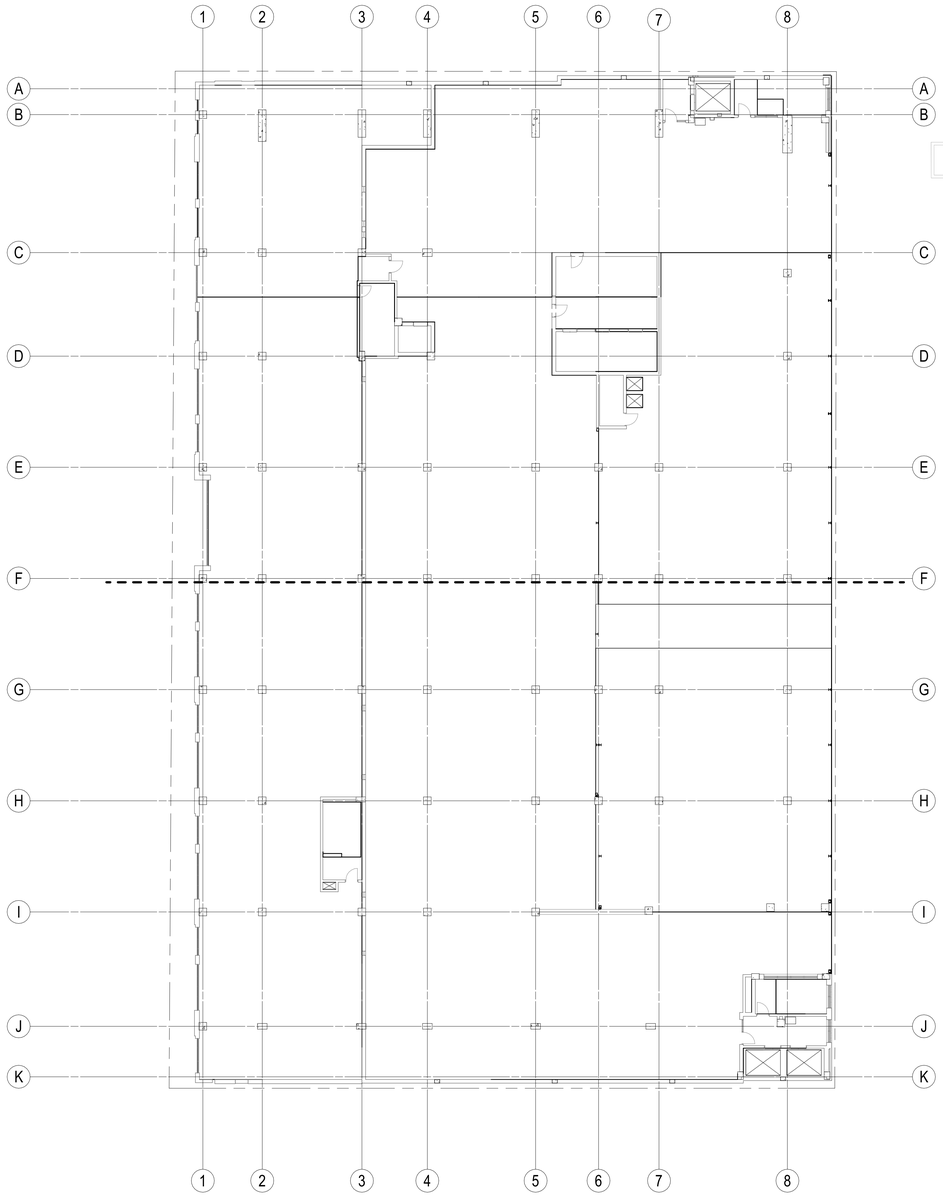
SHEET NOTES - SLAB EDGE

1.	REFER TO FLOOR PLANS FOR SLAB PITCH AND DRAIN LOCATIONS.
2.	NOTIFY ARCHITECT IMMEDIATELY OF ANY DIMENSIONAL OR ALIGNMENT DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
3.	IN SPLIT SLAB CONDITIONS, DIMENSIONS ARE TO SHOWN FOR TOPPING SLAB ONLY. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL SLAB DEPTH.
DIMENSIONING NOTES	
4.	DIMENSIONS ARE FROM GRID LINE OR FACE OF WALL TO EDGE OF SLAB UNLESS NOTED OTHERWISE. WALLS SHOWN FOR REFERENCE ONLY.



N

A3 P5 FLR SLAB EDGE - PHASE 1

1/16" = 1'-0"

eua

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

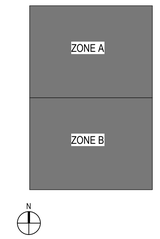
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

5TH FLR OVERALL SLAB EDGE PLAN - PHASE 1

A1015-1

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SHEET NOTES - SLAB EDGE

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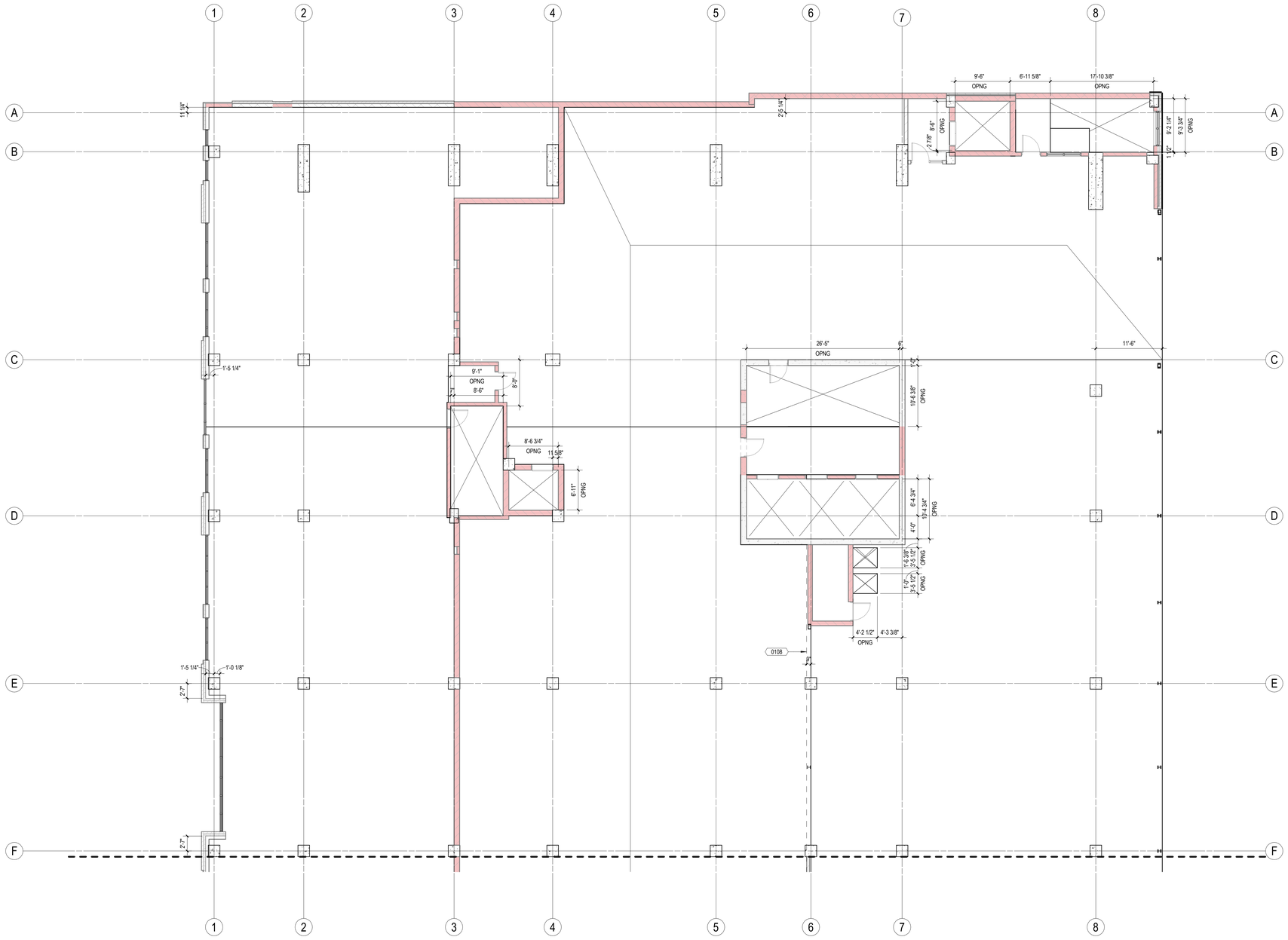
DIMENSIONING NOTES	
4.	DIMENSIONS ARE FROM GRID LINE OR FACE OF WALL TO EDGE OF SLAB UNLESS NOTED OTHERWISE. WALLS SHOWN FOR REFERENCE ONLY.

KEYNOTES PER SHEET

0108	SLAB EDGE BELOW



N

A2 P5 FLR SLAB EDGE - ZONE A

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

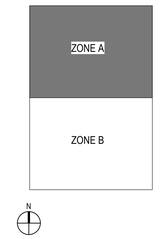
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

5TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1

A1015-A-1

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SHEET NOTES - SLAB EDGE

1.	REFER TO FLOOR PLANS FOR SLAB PITCH AND DRAIN LOCATIONS.
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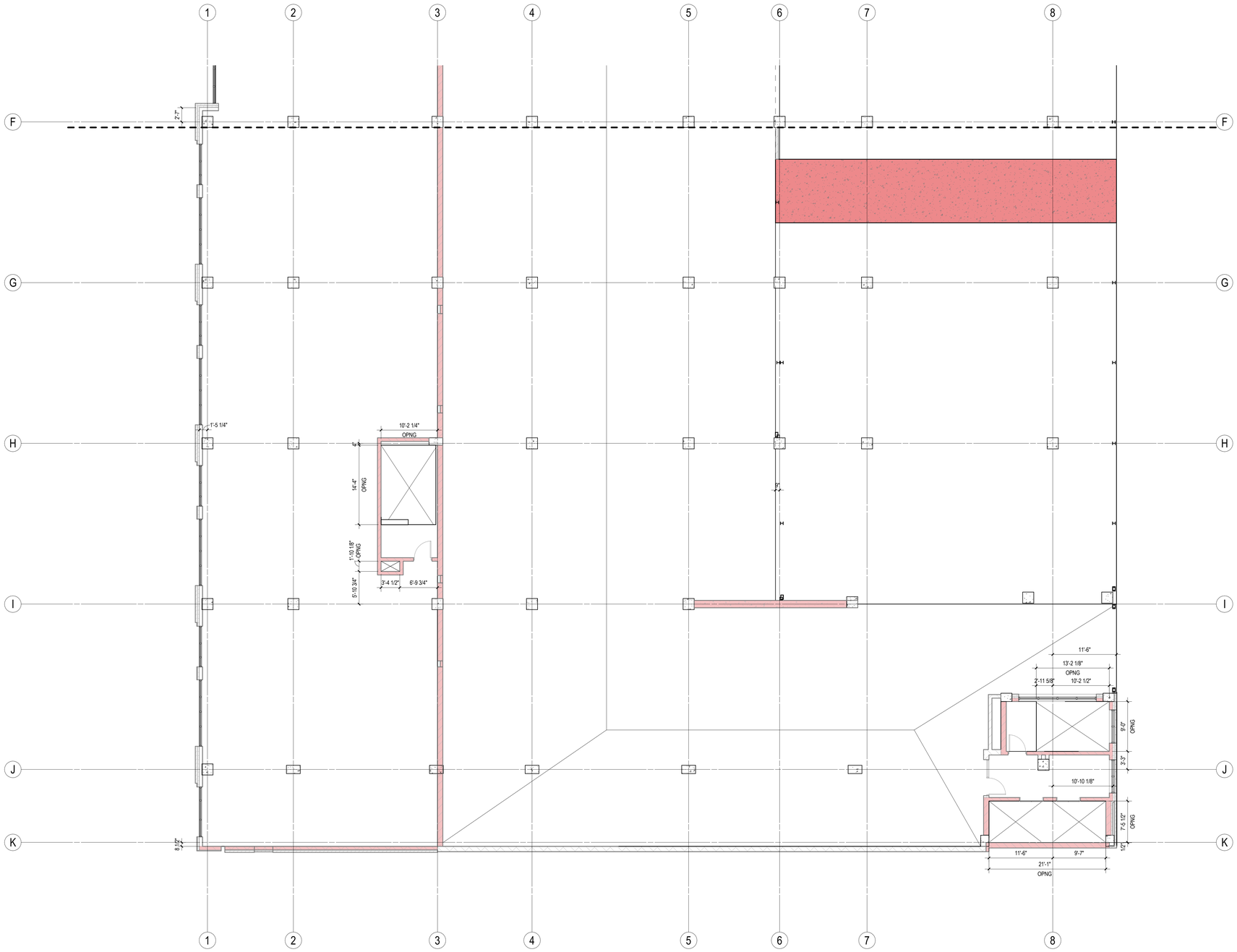
KEYNOTES PER SHEET



N A2 P5 FLR SLAB EDGE - ZONE B
1/8" = 1'-0"

eua

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

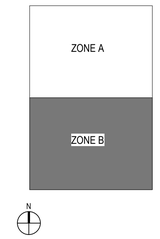
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

5TH FLR SLAB EDGE PLAN - ZONE B - PHASE 1

A1015-B-1

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SHEET NOTES - SLAB EDGE

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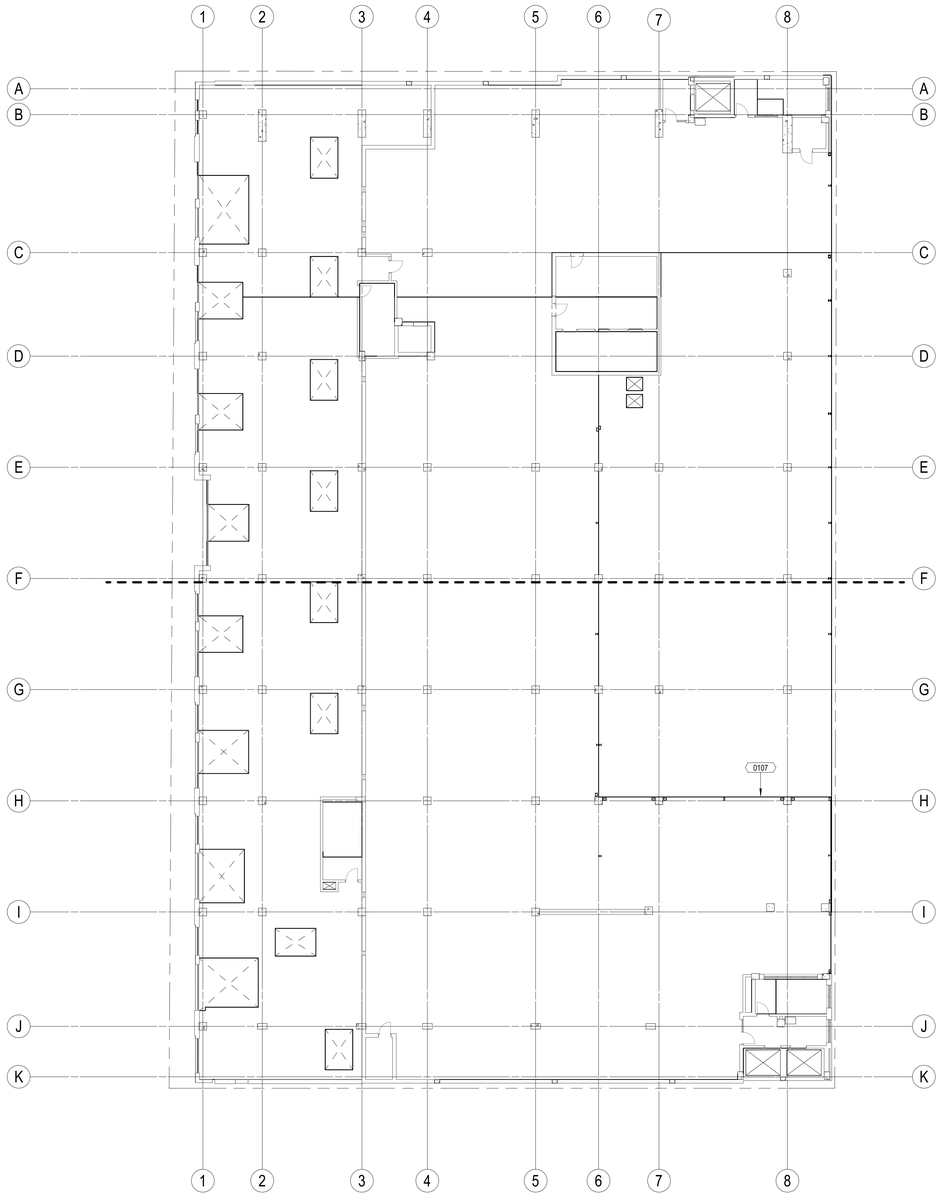

N

A3 P6 FLR SLAB EDGE - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

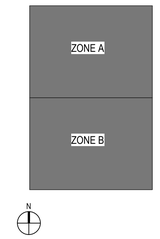
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

6TH FLR OVERALL SLAB EDGE PLAN - PHASE 1

A1016-1

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SHEET NOTES - SLAB EDGE

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DIMENSIONING NOTES	
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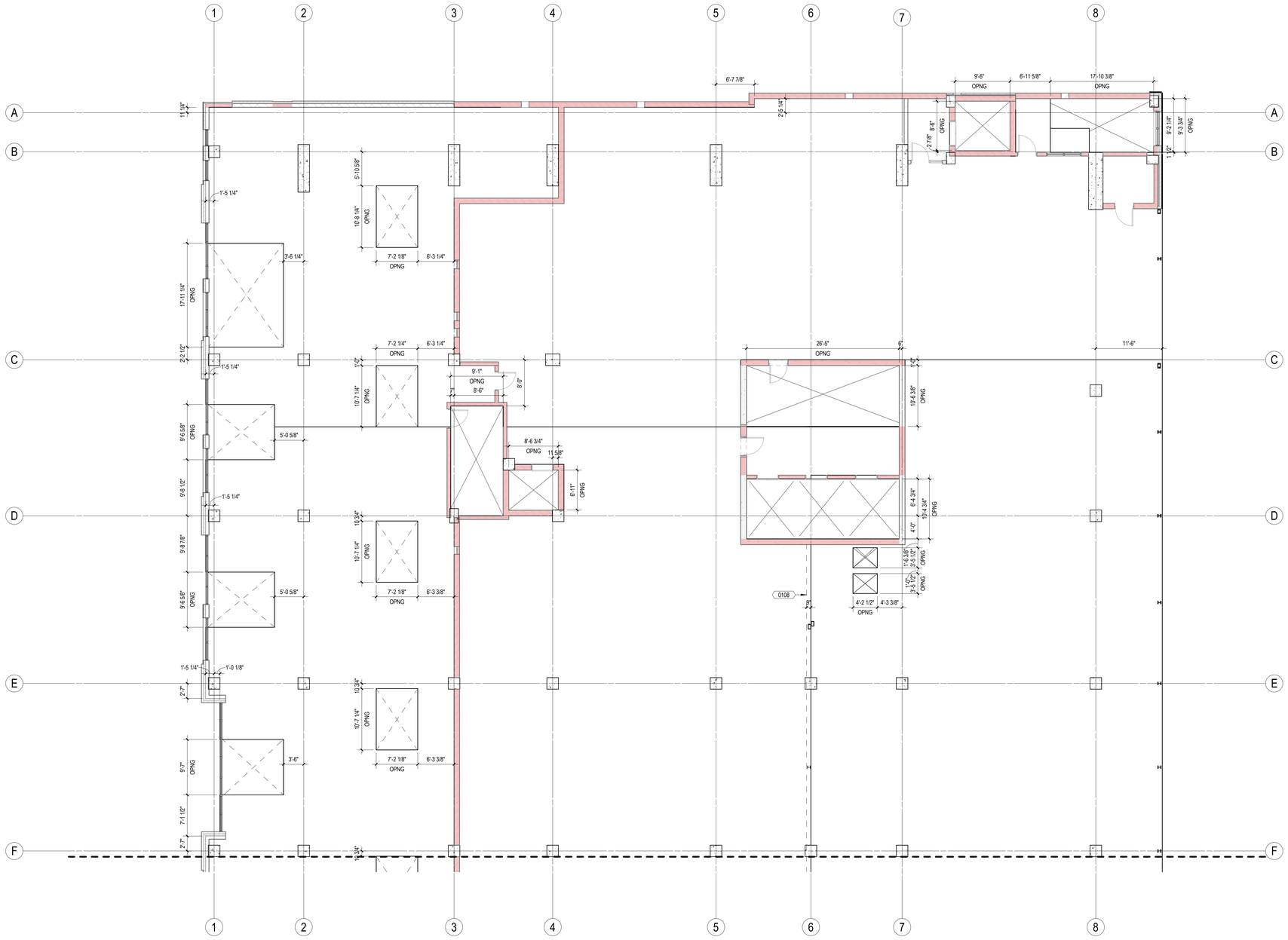
KEYNOTES PER SHEET

0108	SLAB EDGE BELOW



N

A2 P6 FLR SLAB EDGE - ZONE A

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

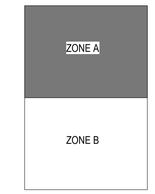
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

6TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1

A1016-A-1

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SHEET NOTES - SLAB EDGE

1.	REFER TO FLOOR PLANS FOR SLAB PITCH AND DRAIN LOCATIONS.
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KEYNOTES PER SHEET

0107	ALIGN SLAB EDGE TO FACE OF COLUMN OR BEAM.
0108	SLAB EDGE BELOW



N

A2 P6 FLR SLAB EDGE - ZONE B

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

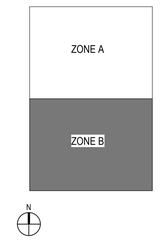
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

6TH FLR SLAB EDGE PLAN - ZONE B - PHASE 1

A1016-B-1

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SHEET NOTES - SLAB EDGE

1.	REFER TO FLOOR PLANS FOR SLAB PITCH AND DRAIN LOCATIONS.
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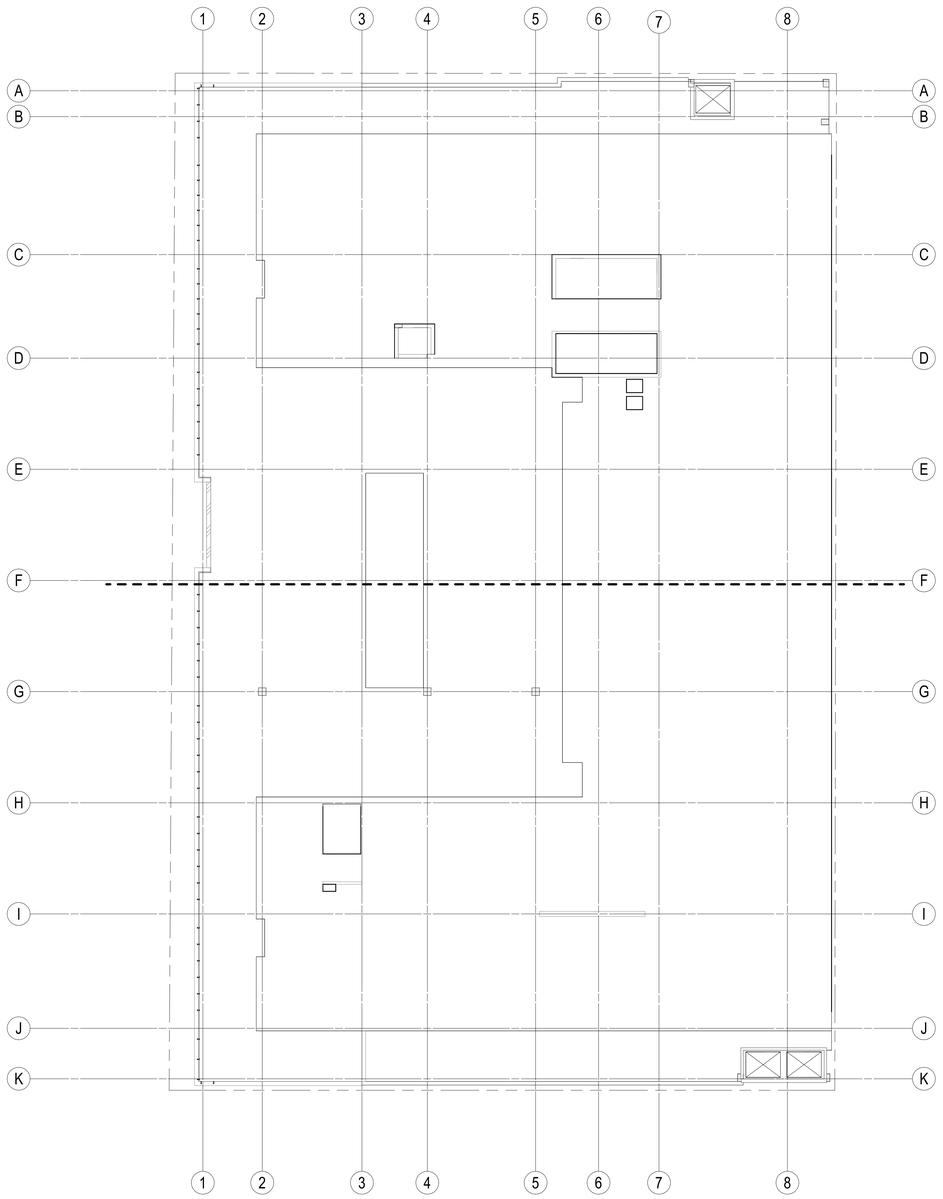

N

A3 7TH FLR SLAB EDGE - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

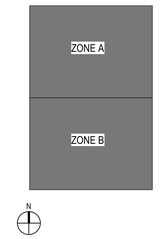
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

7TH FLR OVERALL SLAB EDGE PLAN - PHASE 1

A1017-1

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SHEET NOTES - SLAB EDGE

1.	REFER TO FLOOR PLANS FOR SLAB PITCH AND DRAIN LOCATIONS.
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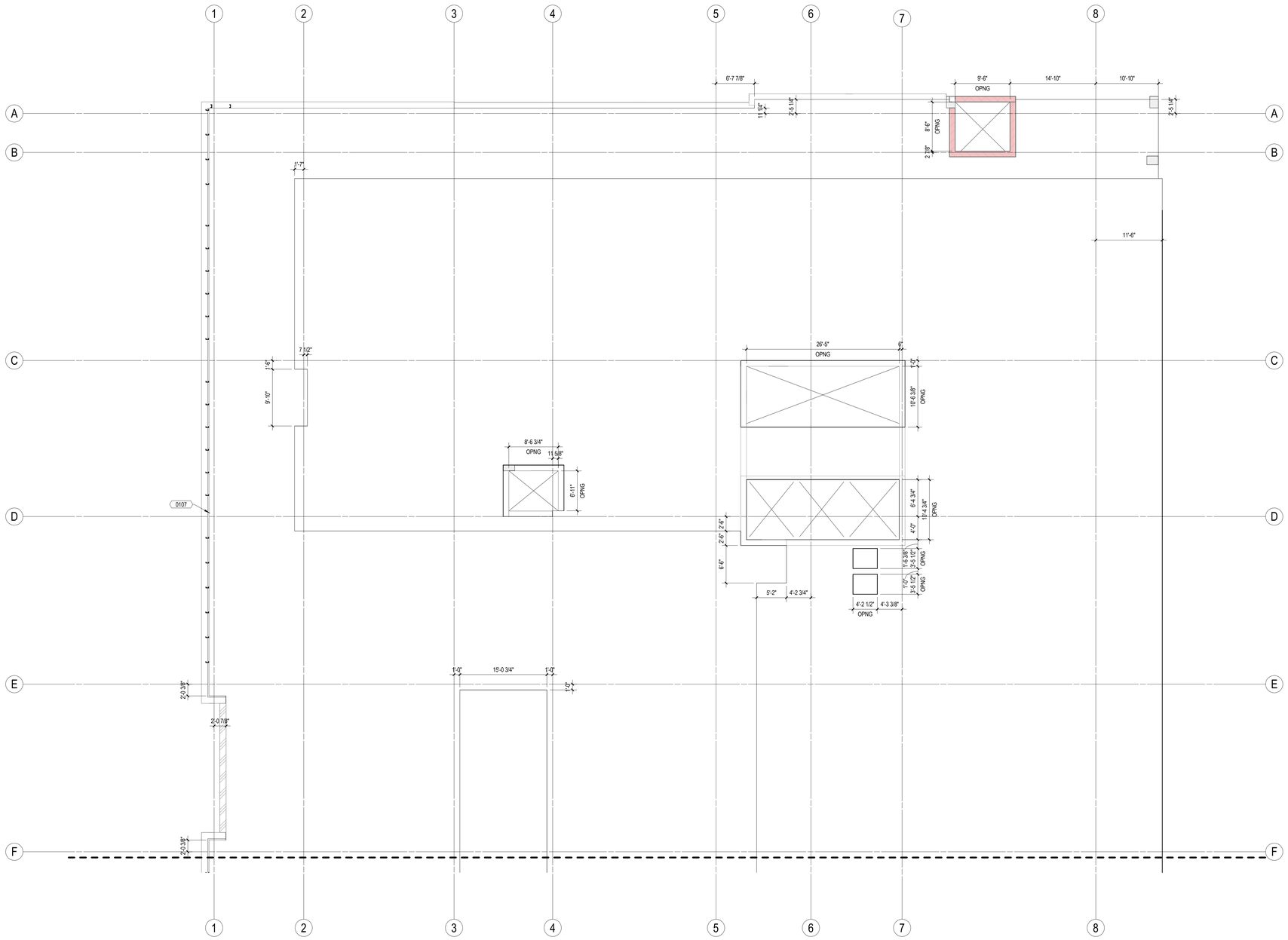
DIMENSIONING NOTES	
4.	DIMENSIONS ARE FROM GRID LINE OR FACE OF WALL TO EDGE OF SLAB UNLESS NOTED OTHERWISE. WALLS SHOWN FOR REFERENCE ONLY.

KEYNOTES PER SHEET

0107	ALIGN SLAB EDGE TO FACE OF COLUMN OR BEAM.



N A2 7TH FLR SLAB EDGE - ZONE A
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

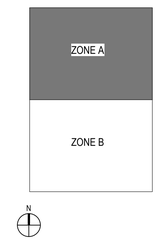
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

7TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1

A1017-A-1

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SHEET NOTES - SLAB EDGE

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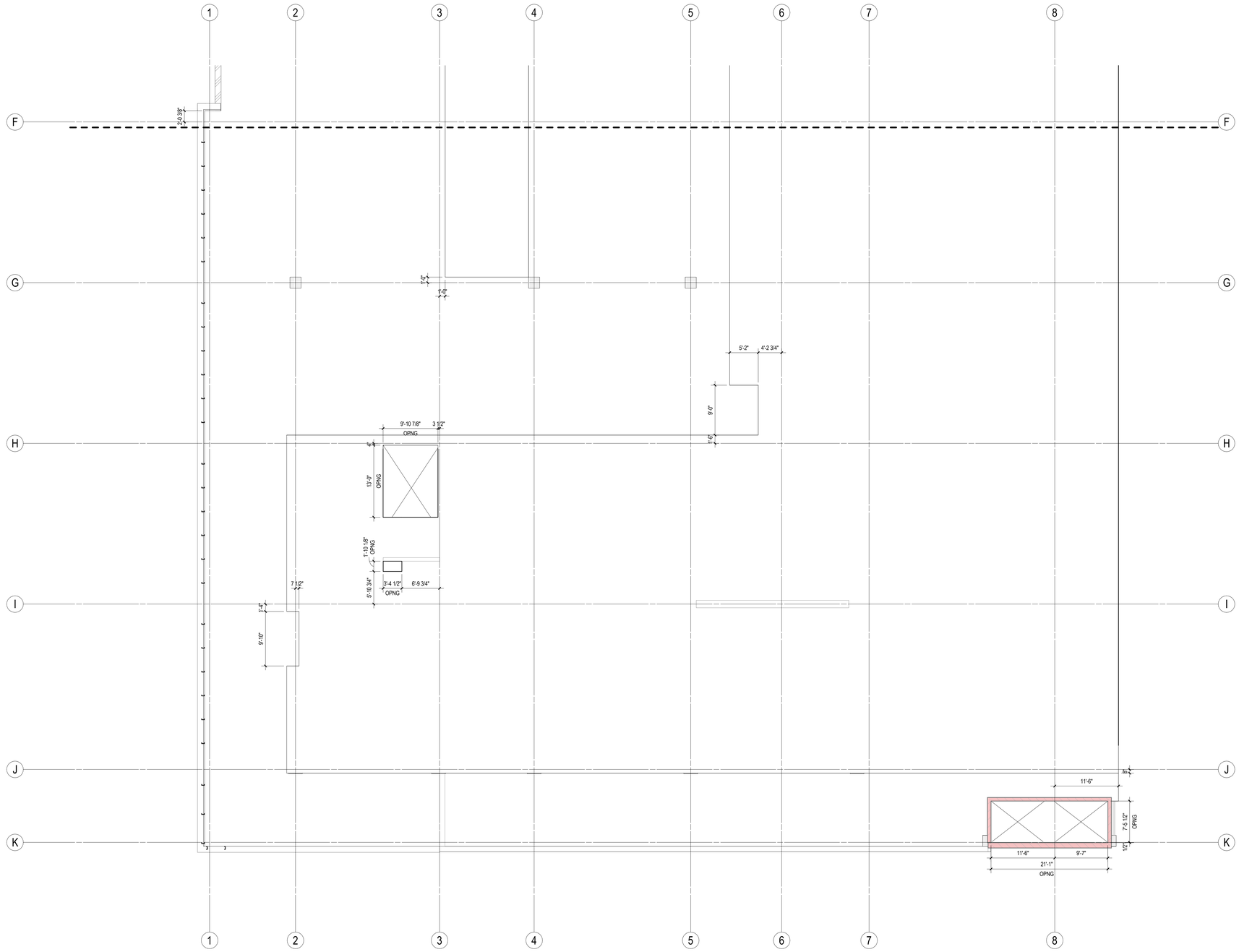
KEYNOTES PER SHEET



N

A2 7TH FLR SLAB EDGE PLAN - ZONE B

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

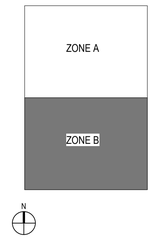
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

7TH FLR SLAB EDGE PLAN - ZONE B - PHASE 1

A1017-B-1

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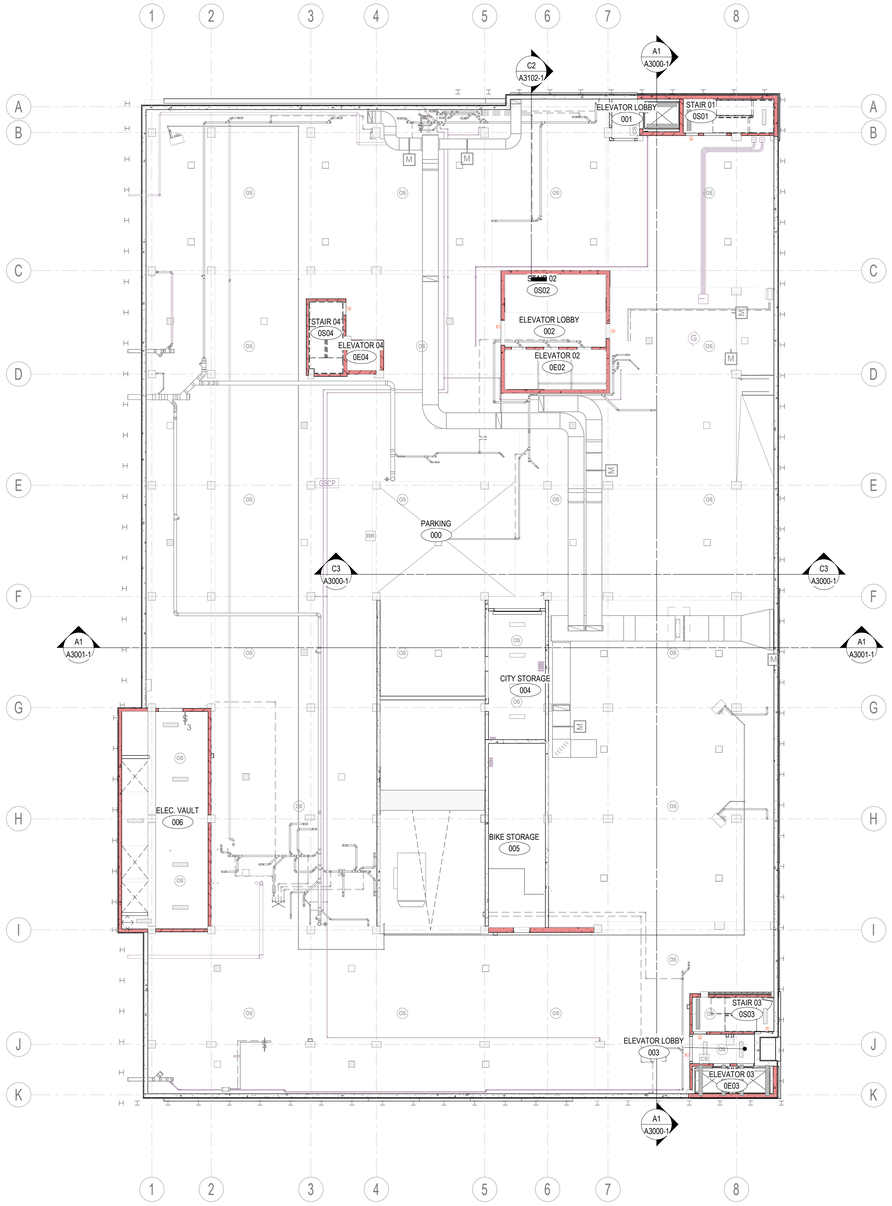
SHEET NOTES - CEILING PLAN

1.	CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY MEP CONFLICTS WHICH IMPACT CEILING CONSTRUCTION PRIOR TO EXECUTING ANY WORK.
2.	MINIMUM SIZE FOR PERIMETER CEILING TILES SHALL NOT BE LESS THAN 4" IN ALL DIRECTIONS.
3.	LIGHTING AND/OR MEP ELEMENTS ARE INDICATED FOR SCOPE AND CONCEPT ONLY.

KEYNOTES PER SHEET



N

A3 LL FLR CEILING PLAN - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

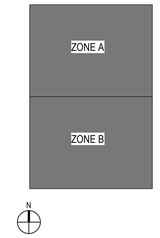
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

LOWER LEVEL
OVERALL CEILING
PLAN - PHASE 1

A1100-1

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SHEET NOTES - CEILING PLAN

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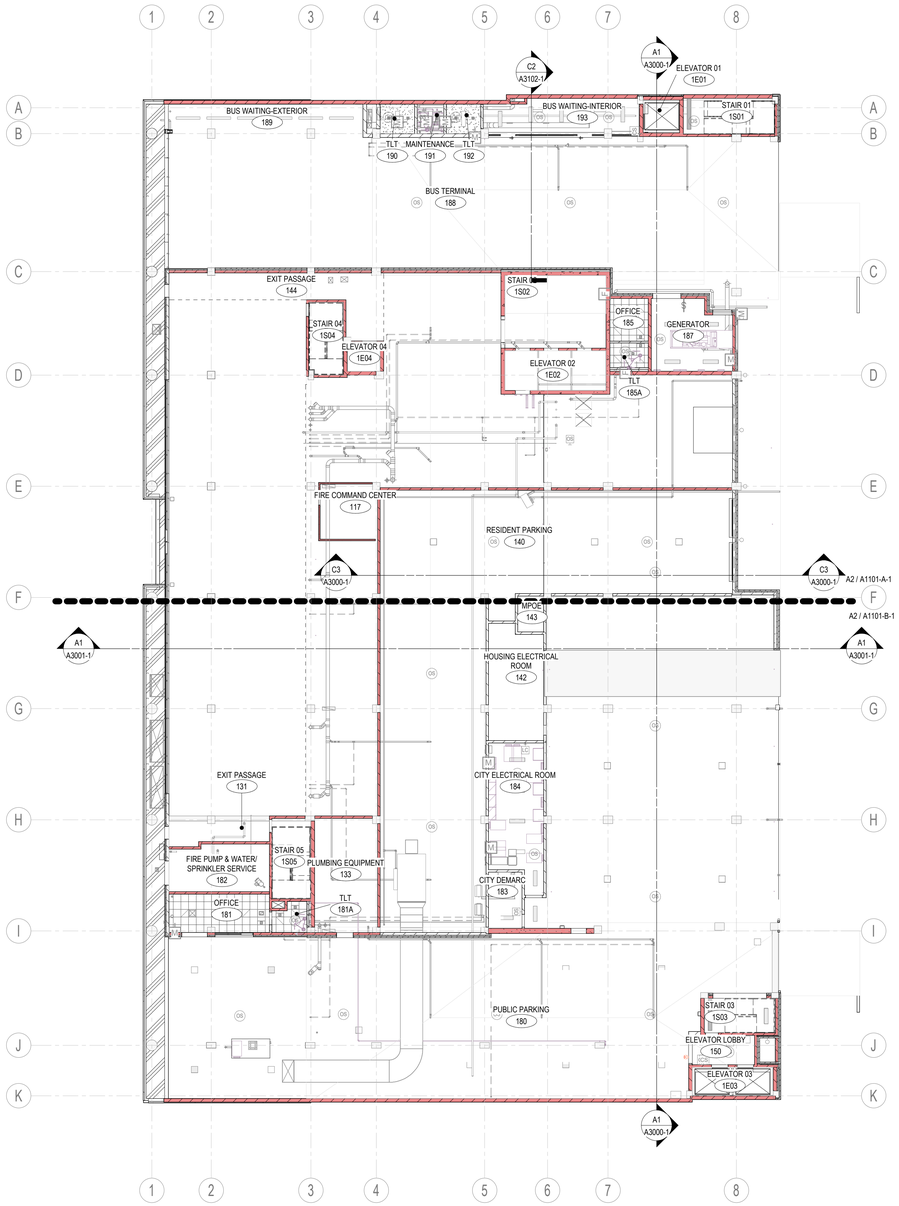
KEYNOTES PER SHEET



N

A3 1ST FLR CEILING PLAN - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

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ISSUANCE AND REVISIONS

DATE	DESCRIPTION
07-28-2023	DESIGN DEVELOPMENT PH1
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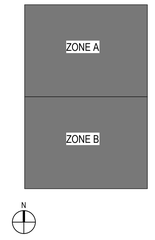
KEY PLAN



SHEET INFORMATION

PROJECT MANAGER MO

PROJECT NUMBER 720448

1ST FLR OVERALL CEILING PLAN - PHASE 1

A1101-1

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SHEET NOTES - CEILING PLAN

1.	CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY MEP CONFLICTS WHICH IMPACT CEILING CONSTRUCTION PRIOR TO EXECUTING ANY WORK.
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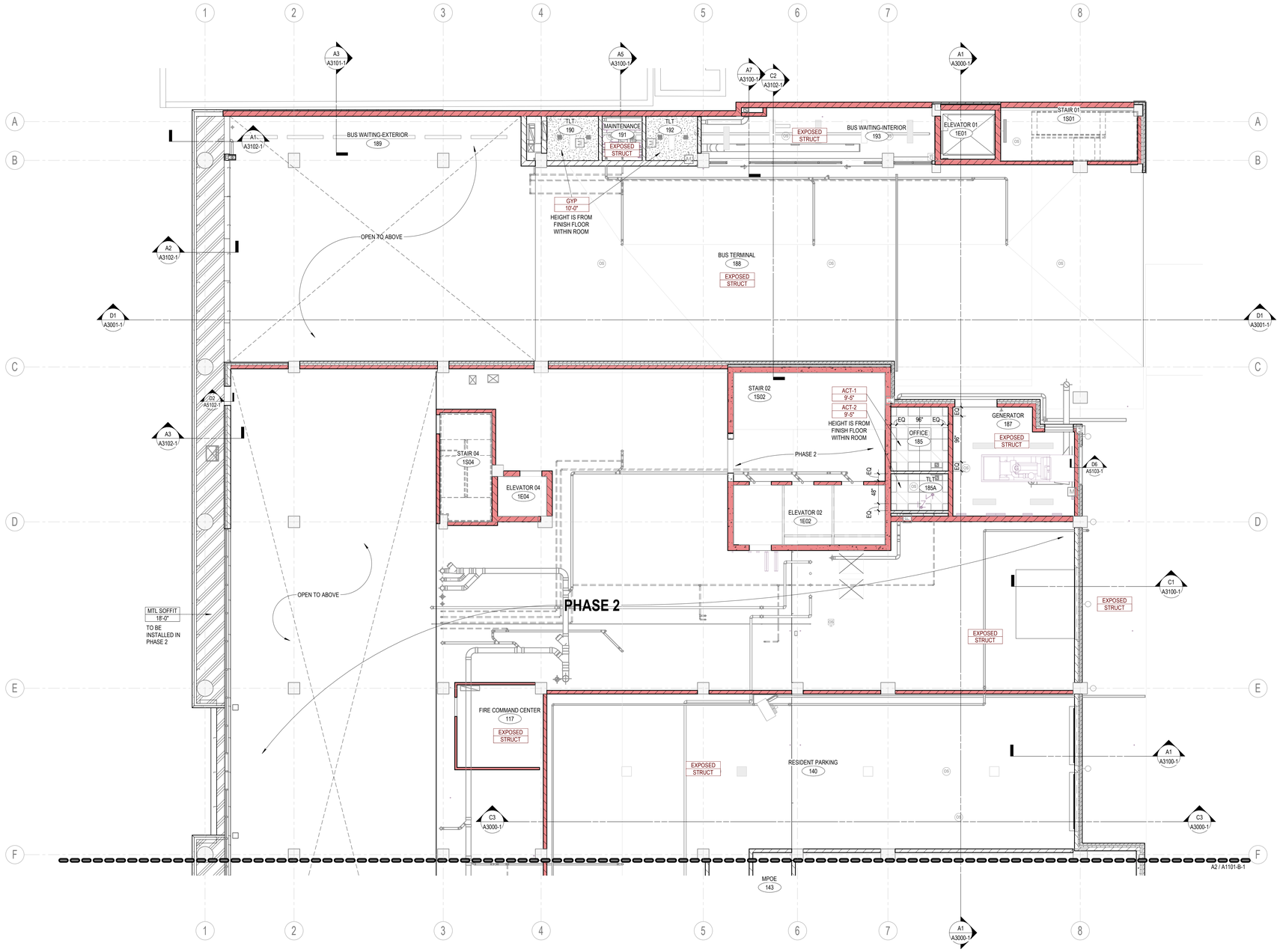
3.	LIGHTING AND/OR MEP ELEMENTS ARE INDICATED FOR SCOPE AND CONCEPT ONLY.

KEYNOTES PER SHEET



N

A2 1ST FLR CEILING PLAN - ZONE A - PHASE 1

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

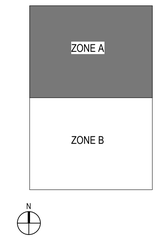
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR CEILING PLAN - ZONE A - PHASE 1

A1101-A-1

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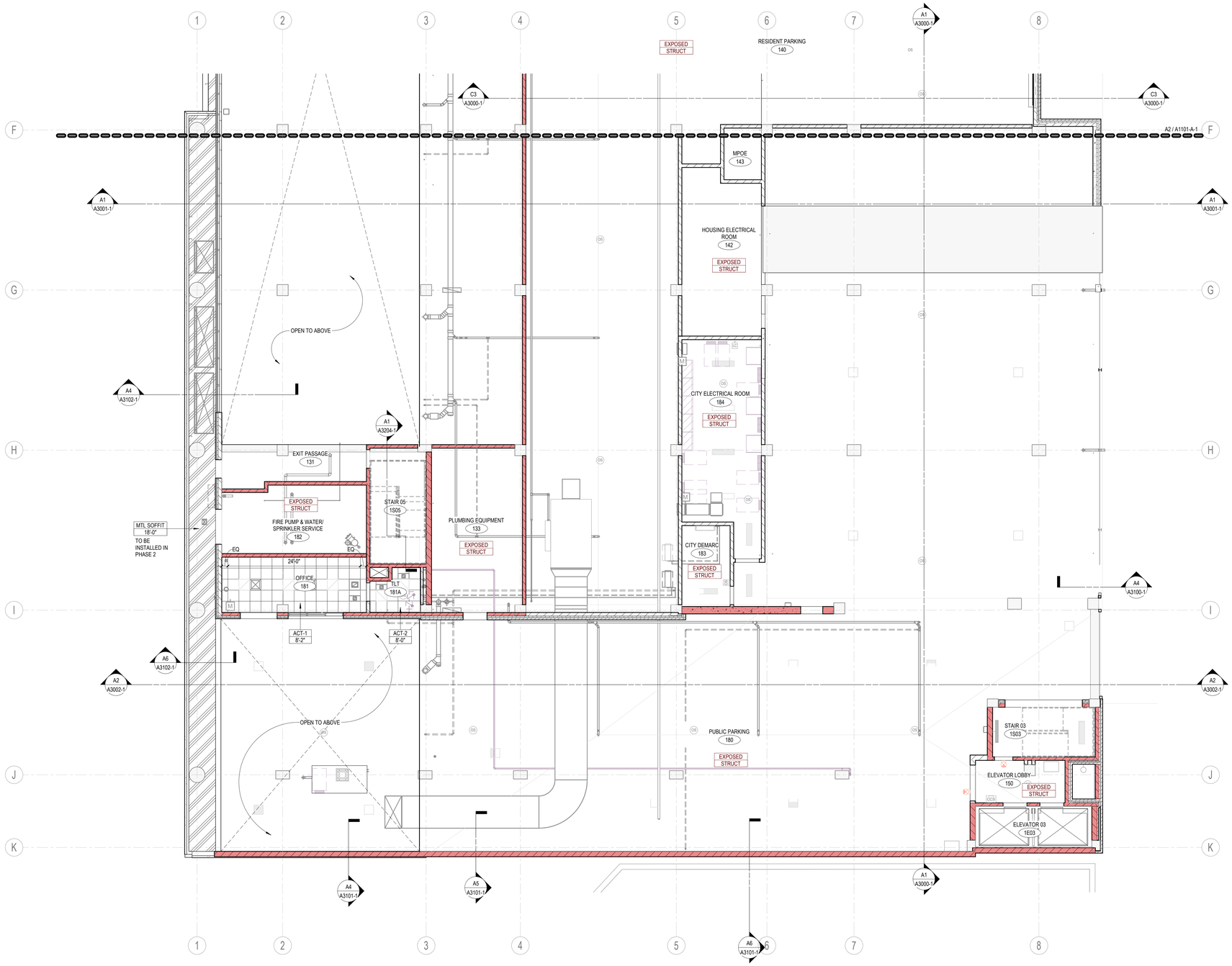
SHEET NOTES - CEILING PLAN

1.	CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY MEP CONFLICTS WHICH IMPACT CEILING CONSTRUCTION PRIOR TO EXECUTING ANY WORK.
2.	MINIMUM SIZE FOR PERIMETER CEILING TILES SHALL NOT BE LESS THAN 4" IN ALL DIRECTIONS.
3.	LIGHTING AND/OR MEP ELEMENTS ARE INDICATED FOR SCOPE AND CONCEPT ONLY.

KEYNOTES PER SHEET



N

A2 1ST FLR CEILING PLAN - ZONE B - PHASE 1

1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
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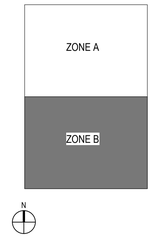
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR CEILING PLAN - ZONE B - PHASE 1

A1101-B-1

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SHEET NOTES - CEILING PLAN

1.	CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY MEP CONFLICTS WHICH IMPACT CEILING CONSTRUCTION PRIOR TO EXECUTING ANY WORK.
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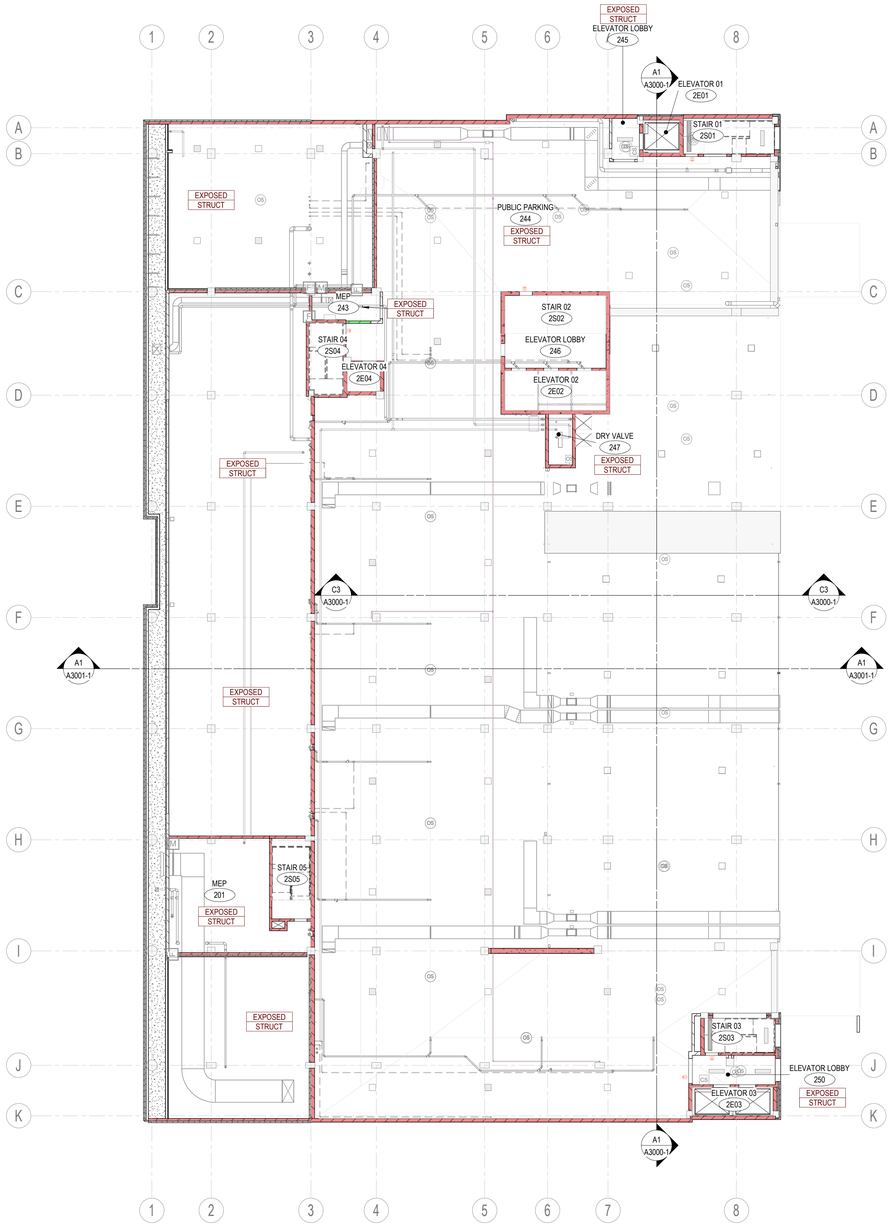
KEYNOTES PER SHEET



N

A3 P2 FLR CEILING PLAN - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

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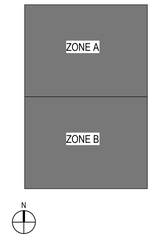
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P2 FLR OVERALL CEILING PLAN - PHASE 1

A1102-1

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SHEET NOTES - CEILING PLAN

1.	CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY MEP CONFLICTS WHICH IMPACT CEILING CONSTRUCTION PRIOR TO EXECUTING ANY WORK.
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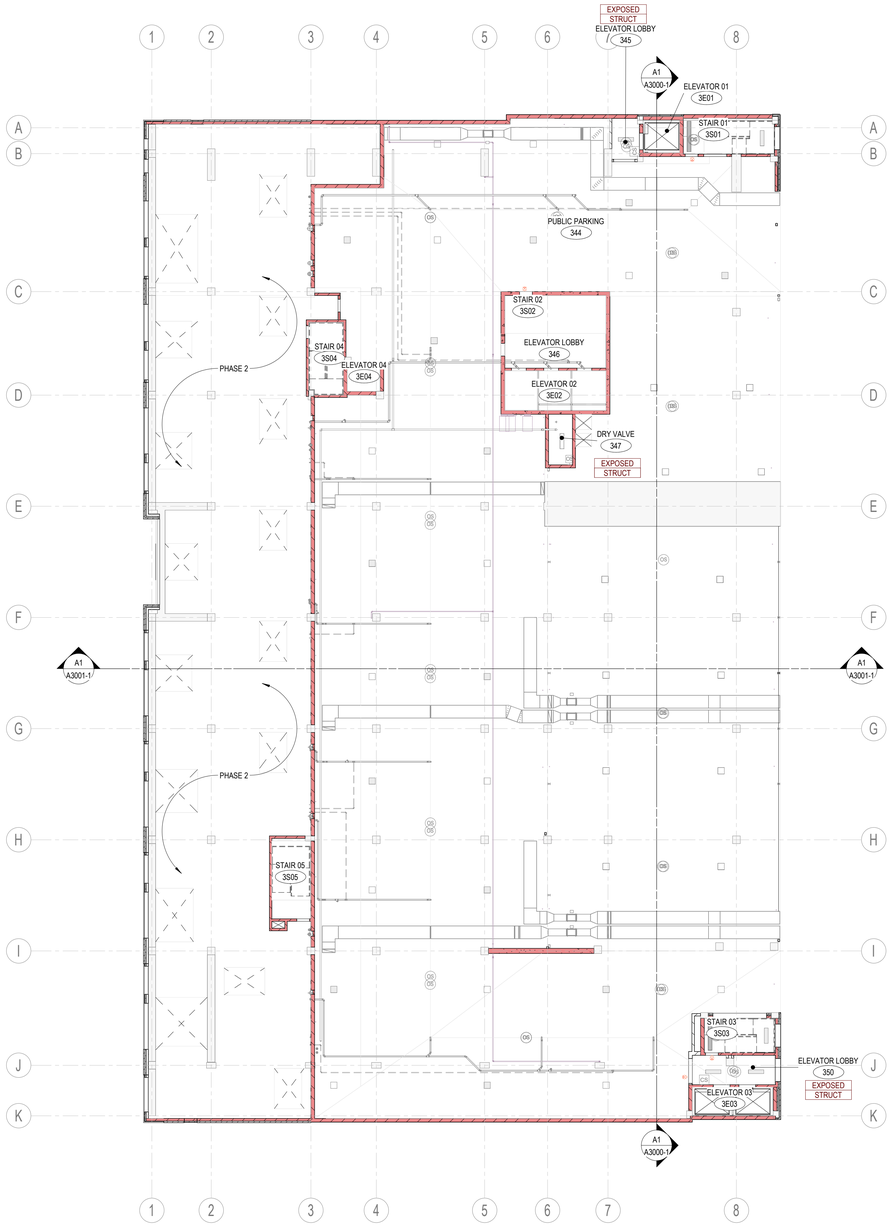
KEYNOTES PER SHEET



N

A3 P3 FLR CEILING PLAN - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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MADISON, WI 53715

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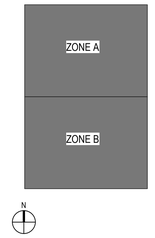

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P3 FLR OVERALL CEILING PLAN - PHASE 1

A1103-1

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SHEET NOTES - CEILING PLAN

1.	CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY MEP CONFLICTS WHICH IMPACT CEILING CONSTRUCTION PRIOR TO EXECUTING ANY WORK.
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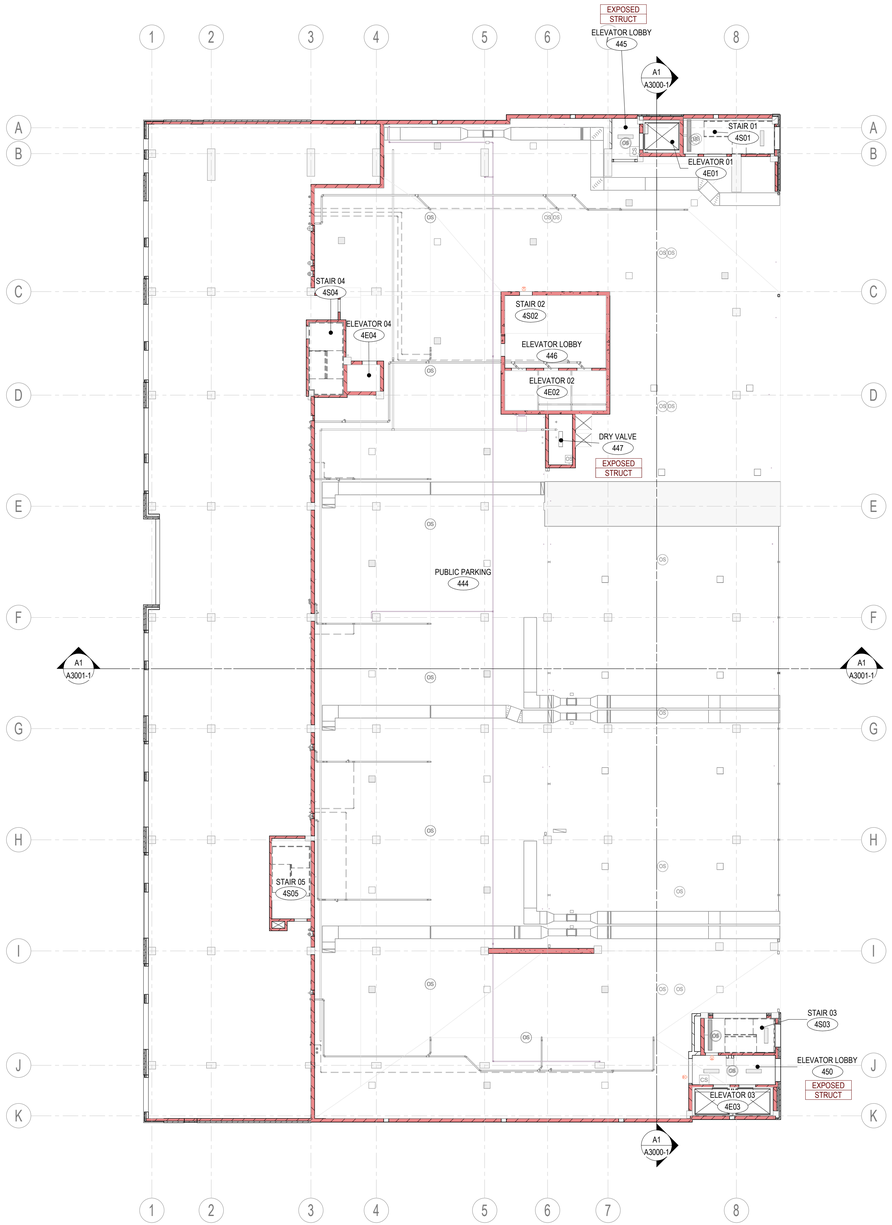
KEYNOTES PER SHEET



N

A3 P4 FLR CEILING PLAN - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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MADISON, WI 53715

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ISSUANCE AND REVISIONS

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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

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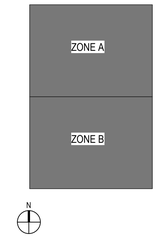

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P4 FLR OVERALL CEILING PLAN - PHASE 1

A1104-1

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SHEET NOTES - CEILING PLAN

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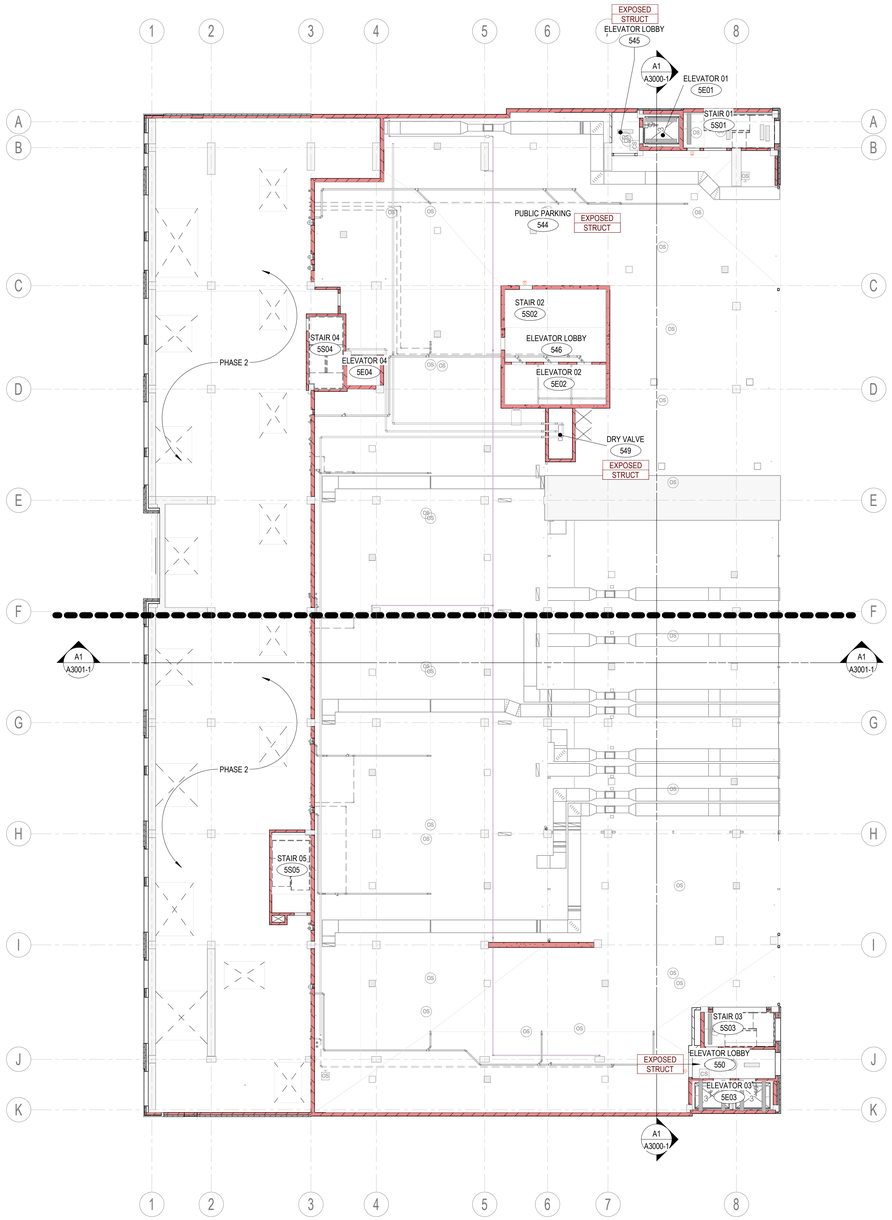

N

A3 P5 FLR CEILING PLAN - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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MADISON, WI 53715

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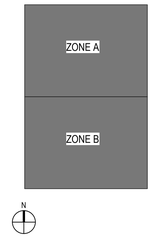
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P5 FLR OVERALL CEILING PLAN - PHASE 1

A1105-1

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SHEET NOTES - CEILING PLAN

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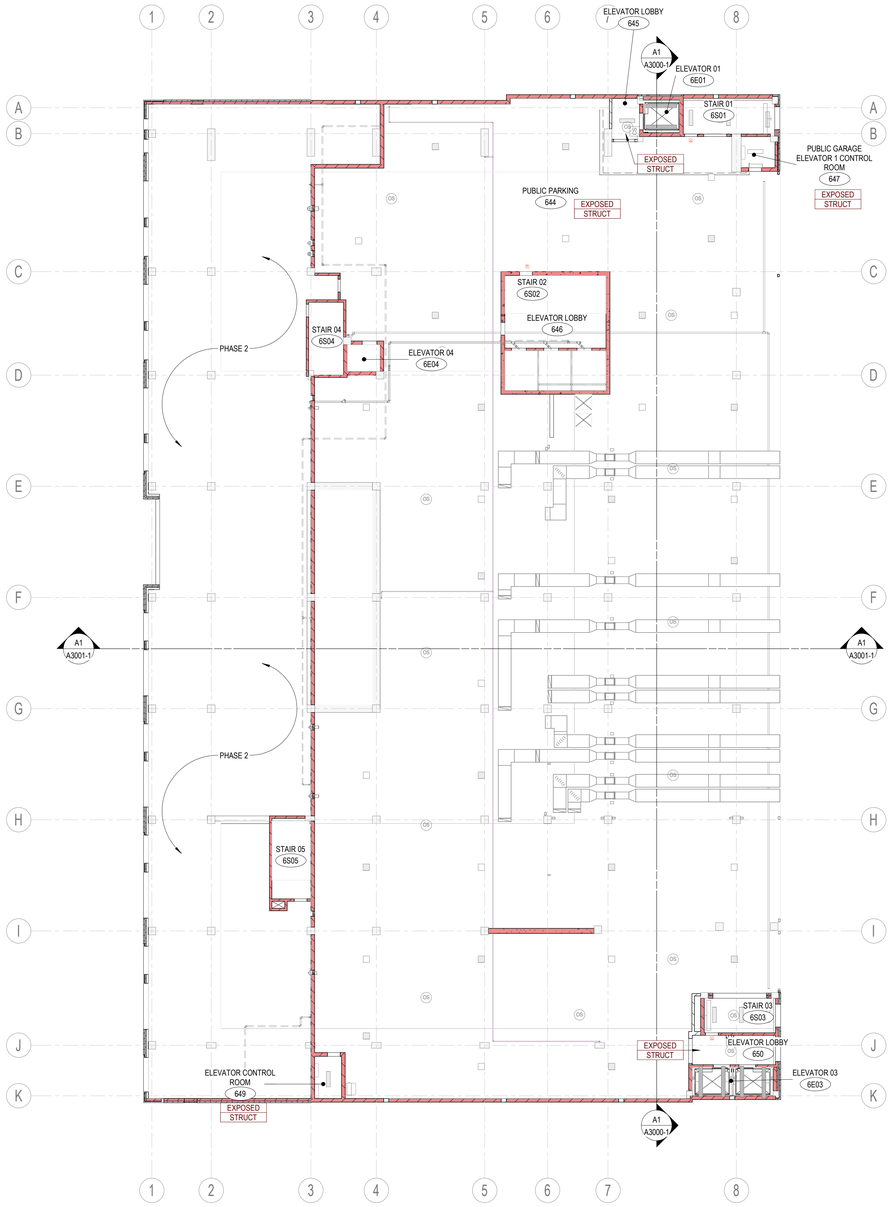

N

A3 P6 FLR CEILING PLAN - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

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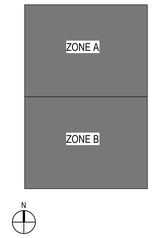
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P6 FLR OVERALL CEILING PLAN - PHASE 1

A1106-1

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MATERIAL SCHEDULE

CODE	DESCRIPTION	MANUFACTURER	PRODUCT #	COLOR	FINISH	SIZE	CONTACT	COMMENTS
A								
ACT-1	ACOUSTICAL CEILING TILE	USG	86185	WHITE		2X2	TINA PACENTE (847) 830-5383	
ACT-2	ACOUSTICAL CEILING TILE	USG	3260	WHITE		2X2	TINA PACENTE (847) 830-5383	
P								
PT-1	PAINT - WAYFINDING	SHERWIN WILLIAMS	SW 6868	REAL RED			SUSAN SIENKOWSKI (800) 321-8194	
PT-2	PAINT - WAYFINDING	SHERWIN WILLIAMS	SW 6950	CALYPSO			SUSAN SIENKOWSKI (800) 321-8194	
PT-3	PAINT - WAYFINDING	SHERWIN WILLIAMS	SW 6905	GOLDFINCH			SUSAN SIENKOWSKI (800) 321-8194	
PT-4	PAINT - WAYFINDING	SHERWIN WILLIAMS	SW 6918	HUMOROUS GREEN			SUSAN SIENKOWSKI (800) 321-8194	
PT-5	PAINT - WAYFINDING	SHERWIN WILLIAMS	SW 6981	PASSIONATE PURPLE			SUSAN SIENKOWSKI (800) 321-8194	
PT-6	PAINT - WAYFINDING	SHERWIN WILLIAMS	SW 6887	NAVEL			SUSAN SIENKOWSKI (800) 321-8194	
PT-7	PAINT - GYP CEILING	SHERWIN WILLIAMS	SW 7551	GREEK VILLA			SUSAN SIENKOWSKI (800) 321-8194	
PT-8	PAINT - DOORS	SHERWIN WILLIAMS	SW 7048	URBANE BRONZE			SUSAN SIENKOWSKI (800) 321-8194	DOORS ADJACENT TO DECORATIVE CMU
PT-9	PAINT - EXTERIOR DOORS	SHERWIN WILLIAMS	SW 7070	SITE WHITE			SUSAN SIENKOWSKI (800) 321-8194	DOORS ADJACENT TO METAL PANELING
PT-10	PAINT - INTERIOR DOORS	SHERWIN WILLIAMS	SW 7644	GATEWAY GRAY			SUSAN SIENKOWSKI (800) 321-8194	DOORS ADJACENT TO EXPOSED CMU OR WAYFINDING
PT-11	PAINT - HANDRAILS	SHERWIN WILLIAMS	SW 7674	PEPPERCORN			SUSAN SIENKOWSKI (800) 321-8194	
R								
RB-1	RESILIENT BASE	TARKETT	S102236-TG2-WB0004-DCT4	TG2 SHARK FIN CG		4" TOELESS	MELISSA SMITH (414) 299-0156	
RF-1	RUBBER FLOORING	NORA	GRANO	5303 FRANKINCENSE		2X2	KYLE REYNOLDS (608) 863-3692	
S								
SC-1	SEALED CONCRETE	SEE SPEC SECTION 03.35.11						DENSIFIER HARDENER / SEALER
SC-2	SEALED CONCRETE	SEE SPEC SECTION 03.35.11						CLEAR COATING
SS MTL	STAINLESS STEEL METAL							MANUFACTURERS STANDARD STAINLESS STEEL WALL PANEL. FINISH AS SELECTED BY ARCHITECT.
STC-1	STAINED CMU	KEIM	TRANSLUCENT MINERAL STAIN	9531			STEVE SLACK (704) 588-4811 EXT 202	STAIN TO BE USED ON EXPOSED CMU WHERE INDICATED. DECORATIVE CMU TO REMAIN FACTORY FINISHED.

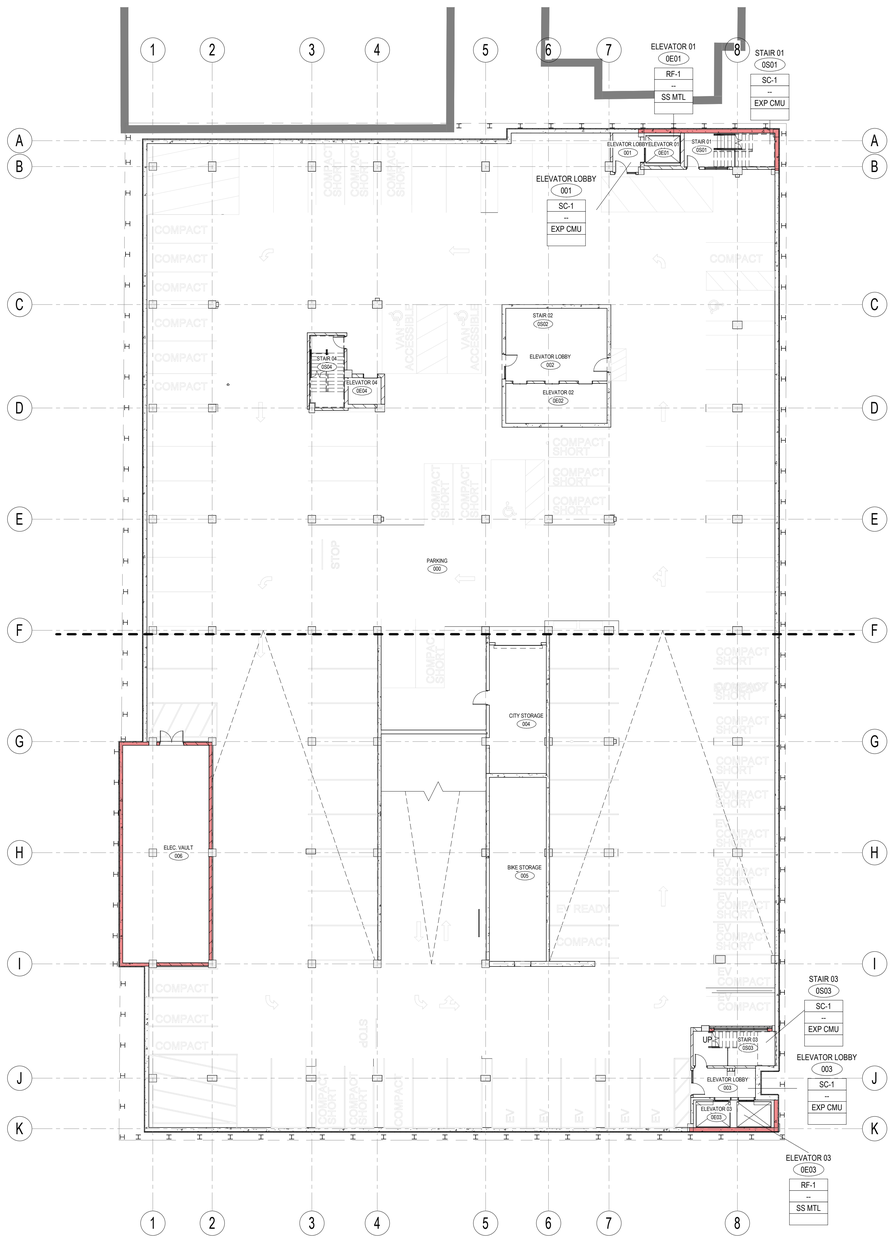
FINISH PLAN SYMBOLS

FLOOR / BASE / WALL / REMARKS	FINISH TAG
	EXTENT OF MATERIAL AT ACCENT WALL
	INSTALLATION DIRECTION
CPT-01 CPT-02	MATERIAL TRANSITION
MJ	MOVEMENT JOINT

SHEET NOTES - FINISHES

1.	REFER TO SHEET G000-1.1 FOR ADDITIONAL TAG AND SYMBOL DEFINITIONS.
2.	SEE SHEET A0020-1 FOR PROPER ACCESSIBLE MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES AND ACCESSORIES.
3.	SEE SHEET A1200-1 FOR INTERIOR MATERIAL SCHEDULE.
4.	REFER TO ENLRAGED FLOOR PLAN ON SHEET A4002-1 FOR INTERIOR ELEVATON TAGS.
5.	ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-7 UNLESS NOTED OTHERWISE.
6.	PAINT ALL GRILLES, DIFFUSERS AND REGISTERS TO MATCH ADJACENT CEILING OR WALL COLOR UNLESS NOTED OTHERWISE.
7.	ELECTRICAL OUTLET AND SWITCH PLATE COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARD OFFERINGS.
8.	ALL STEEL STAIR PARTS & HANDRAILS TO BE PAINTED PT-11.
9.	ALL FLOORING TRANSITIONS BETWEEN ROOMS ARE TO OCCUR CENTERED BELOW THE DOOR. SEE DETAIL D2/A5102-1.
10.	CONCRETE FLOORING TO BE SMOOTH AND LEVEL. BEFORE INSTALLING RF-1.

KEYNOTES PER SHEET



N

A3 LOWER LEVEL OVERALL FINISH PLAN - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
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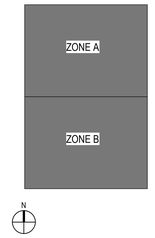
07-28-2023	DESIGN DEVELOPMENT PH1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

LOWER LEVEL OVERALL FINISH PLANS - PHASE 1

A1200-1

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FINISH PLAN SYMBOLS

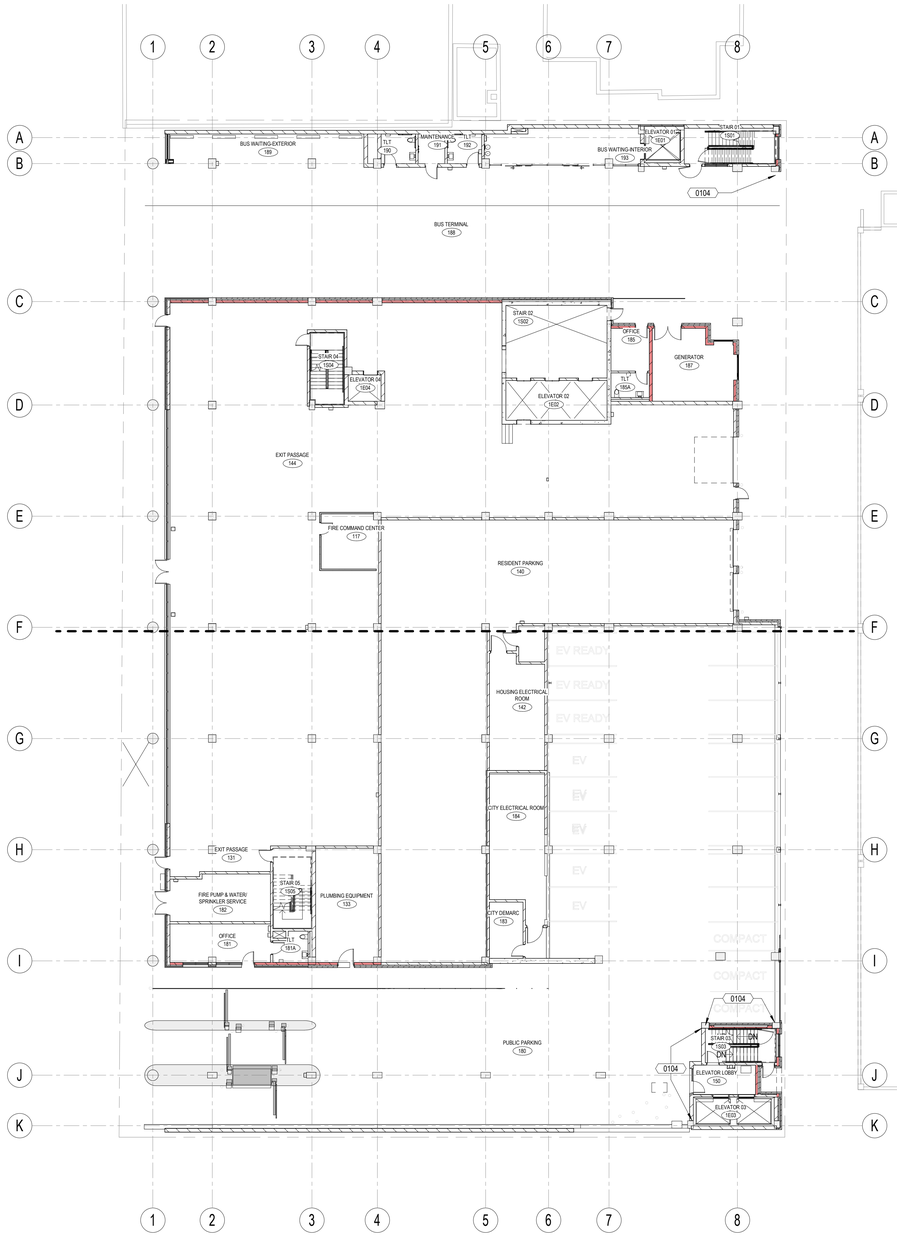
FLOOR / BASE / WALL / REMARKS	FINISH TAG
	EXTENT OF MATERIAL AT ACCENT WALL
	INSTALLATION DIRECTION
CPT-01 CPT-02	MATERIAL TRANSITION
MJ	MOVEMENT JOINT

SHEET NOTES - FINISHES

1.	REFER TO SHEET G000-1.1 FOR ADDITIONAL TAG AND SYMBOL DEFINITIONS.
2.	SEE SHEET A0020-1 FOR PROPER ACCESSIBLE MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES AND ACCESSORIES.
3.	SEE SHEET A1200-1 FOR INTERIOR MATERIAL SCHEDULE.
4.	REFER TO ENLRAGED FLOOR PLAN ON SHEET A4002-1 FOR INTERIOR ELEVATON TAGS.
5.	ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-7 UNLESS NOTED OTHERWISE.
6.	PAINT ALL GRILLES, DIFFUSERS AND REGISTERS TO MATCH ADJACENT CEILING OR WALL COLOR UNLESS NOTED OTHERWISE.
7.	ELECTRICAL OUTLET AND SWITCH PLATE COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARD OFFERINGS.
8.	ALL STEEL STAIR PARTS & HANDRAILS TO BE PAINTED PT-11.
9.	ALL FLOORING TRANSITIONS BETWEEN ROOMS ARE TO OCCUR CENTERED BELOW THE DOOR. SEE DETAIL D2/A5102-1.
10.	CONCRETE FLOORING TO BE SMOOTH AND LEVEL BEFORE INSTALLING RF-1.

KEYNOTES PER SHEET

0104	WAYFINDING PAINT/GRAPHIC TO BE ADDED AT PARKING LOBBIES AND STAIRS



N

A3 1ST FLR OVERALL FINISH PLAN - PHASE 1

1/16" = 1'-0"

eua

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PROJECT INFORMATION

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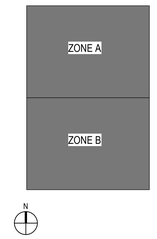

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR OVERALL FINISH PLANS - PHASE 1

A1201-1

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FINISH PLAN SYMBOLS

FLOOR / BASE / WALL / REMARKS	FINISH TAG
	EXTENT OF MATERIAL AT ACCENT WALL
	INSTALLATION DIRECTION
CPT-01 CPT-02	MATERIAL TRANSITION
MJ	MOVEMENT JOINT

SHEET NOTES - FINISHES

1.	REFER TO SHEET G000-1.1 FOR ADDITIONAL TAG AND SYMBOL DEFINITIONS.
2.	SEE SHEET A0020-1 FOR PROPER ACCESSIBLE MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES AND ACCESSORIES.
3.	SEE SHEET A1200-1 FOR INTERIOR MATERIAL SCHEDULE.
4.	REFER TO ENLRAGED FLOOR PLAN ON SHEET A4002-1 FOR INTERIOR ELEVATION TAGS.
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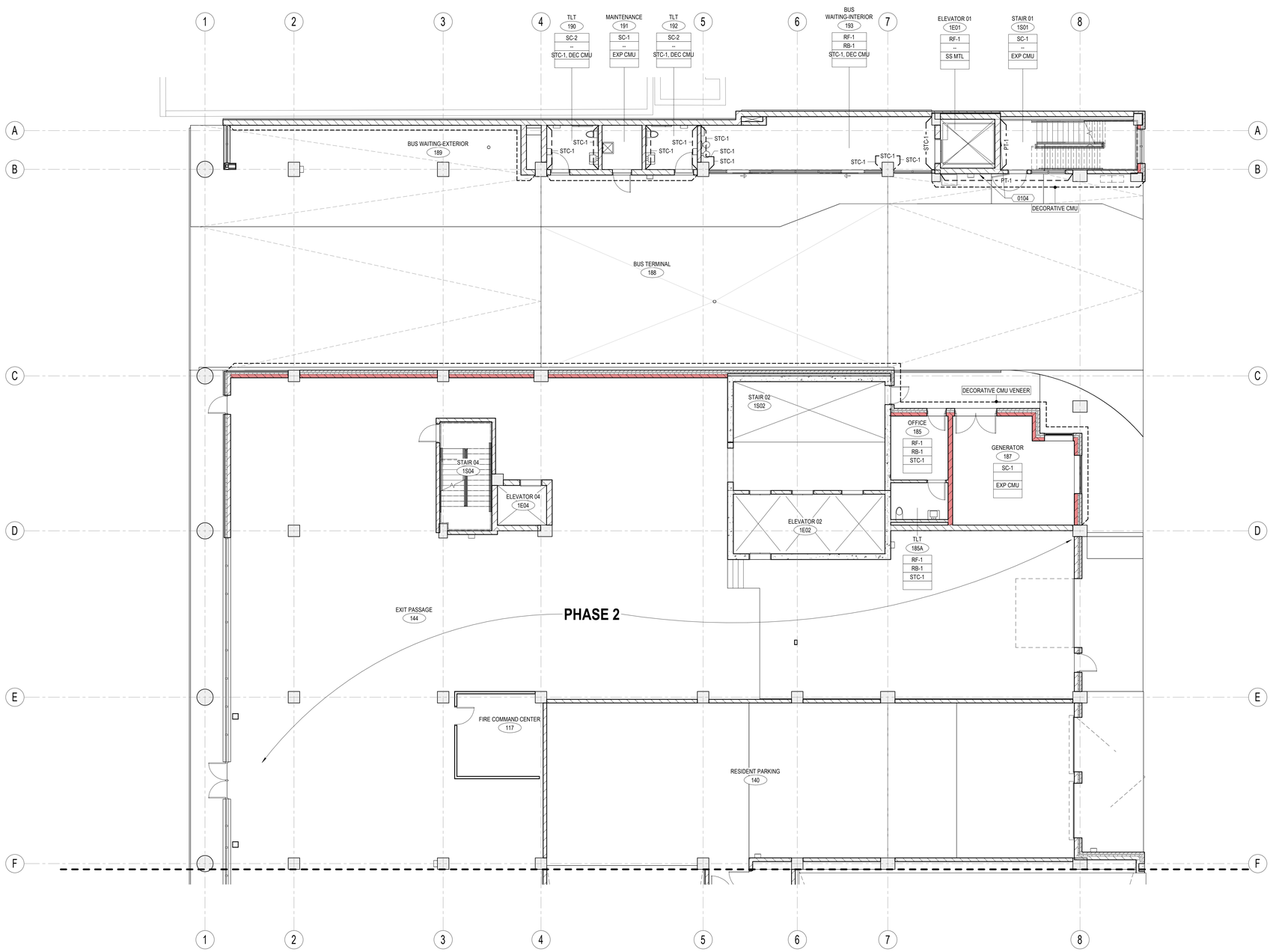
9.	ALL FLOORING TRANSITIONS BETWEEN ROOMS ARE TO OCCUR CENTERED BELOW THE DOOR. SEE DETAIL D2/A5102-1.
10.	CONCRETE FLOORING TO BE SMOOTH AND LEVEL BEFORE INSTALLING RF-1.

KEYNOTES PER SHEET

0104	WAYFINDING PAINT/GRAPHIC TO BE ADDED AT PARKING LOBBIES AND STAIRS



N A2 1ST FLR OVERALL FINISH PLAN - PHASE 1
1/8" = 1'-0"

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PROJECT INFORMATION

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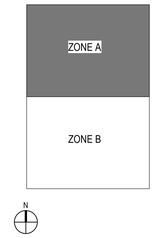
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR FINISH PLAN - ZONE A - PHASE 1

A1201-A-1

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FINISH PLAN SYMBOLS

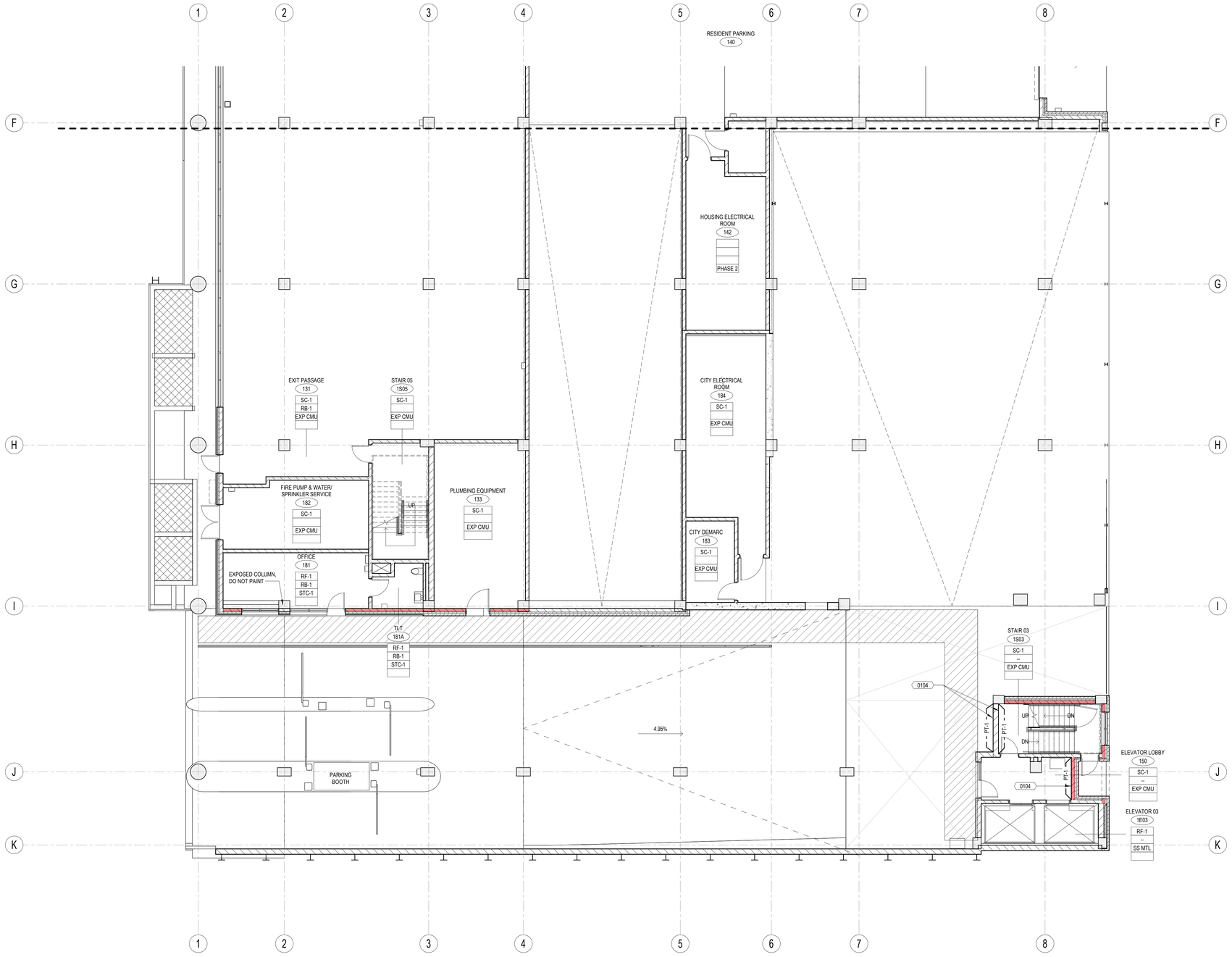
FLOOR / BASE / WALL / REMARKS	FINISH TAG
	EXTENT OF MATERIAL AT ACCENT WALL
	INSTALLATION DIRECTION
CPT-01 CPT-02	MATERIAL TRANSITION
MJ	MOVEMENT JOINT

SHEET NOTES - FINISHES

1.	REFER TO SHEET G000-1.1 FOR ADDITIONAL TAG AND SYMBOL DEFINITIONS.
2.	SEE SHEET A0020-1 FOR PROPER ACCESSIBLE MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES AND ACCESSORIES.
3.	SEE SHEET A1200-1 FOR INTERIOR MATERIAL SCHEDULE.
4.	REFER TO ENLRAGED FLOOR PLAN ON SHEET A4002-1 FOR INTERIOR ELEVATION TAGS.
5.	ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-7 UNLESS NOTED OTHERWISE.
6.	PAINT ALL GRILLES, DIFFUSERS AND REGISTERS TO MATCH ADJACENT CEILING OR WALL COLOR UNLESS NOTED OTHERWISE.
7.	ELECTRICAL OUTLET AND SWITCH PLATE COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARD OFFERINGS.
8.	ALL STEEL STAIR PARTS & HANDRAILS TO BE PAINTED PT-11.
9.	ALL FLOORING TRANSITIONS BETWEEN ROOMS ARE TO OCCUR CENTERED BELOW THE DOOR. SEE DETAIL D2/A5102-1.
10.	CONCRETE FLOORING TO BE SMOOTH AND LEVEL BEFORE INSTALLING RF-1.

KEYNOTES PER SHEET

0104	WAYFINDING PAINT/GRAPHIC TO BE ADDED AT PARKING LOBBIES AND STAIRS



N A2 1ST FLR OVERALL FINISH PLAN - PHASE 1
1/8" = 1'-0"

eua
milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

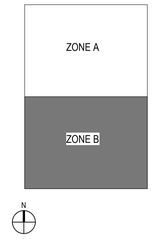
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

1ST FLR FINISH PLAN - ZONE B - PHASE 1

A1201-B-1

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FINISH PLAN SYMBOLS

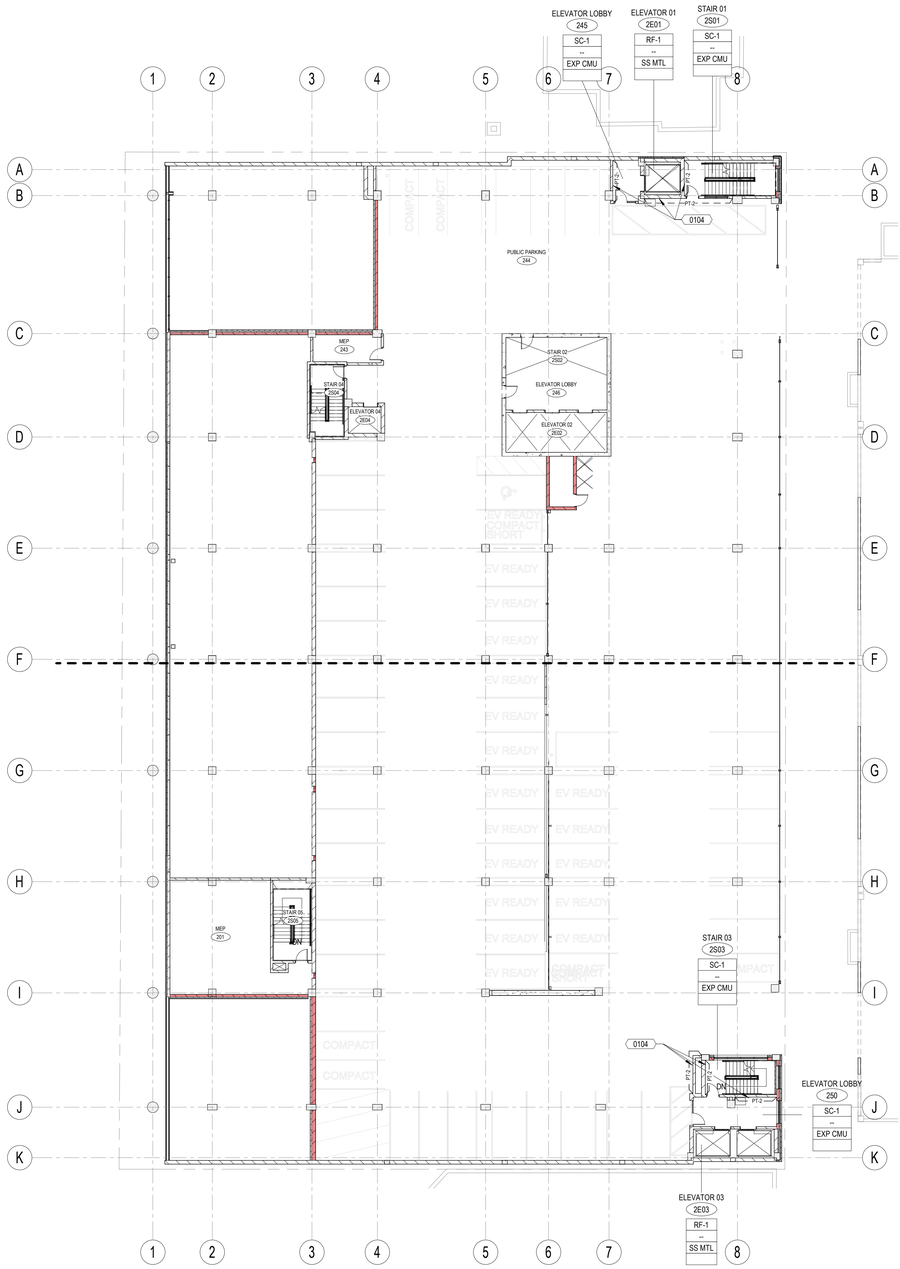
FLOOR / BASE / WALL / REMARKS	FINISH TAG
	EXTENT OF MATERIAL AT ACCENT WALL
	INSTALLATION DIRECTION
CPT-01 CPT-02	MATERIAL TRANSITION
MJ	MOVEMENT JOINT

SHEET NOTES - FINISHES

1.	REFER TO SHEET G000-1.1 FOR ADDITIONAL TAG AND SYMBOL DEFINITIONS.
2.	SEE SHEET A0020-1 FOR PROPER ACCESSIBLE MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES AND ACCESSORIES.
3.	SEE SHEET A1200-1 FOR INTERIOR MATERIAL SCHEDULE.
4.	REFER TO ENLRAGED FLOOR PLAN ON SHEET A4002-1 FOR INTERIOR ELEVATON TAGS.
5.	ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-7 UNLESS NOTED OTHERWISE.
6.	PAINT ALL GRILLES, DIFFUSERS AND REGISTERS TO MATCH ADJACENT CEILING OR WALL COLOR UNLESS NOTED OTHERWISE.
7.	ELECTRICAL OUTLET AND SWITCH PLATE COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARD OFFERINGS.
8.	ALL STEEL STAIR PARTS & HANDRAILS TO BE PAINTED PT-11.
9.	ALL FLOORING TRANSITIONS BETWEEN ROOMS ARE TO OCCUR CENTERED BELOW THE DOOR. SEE DETAIL D2/A5102-1.
10.	CONCRETE FLOORING TO BE SMOOTH AND LEVEL BEFORE INSTALLING RF-1.

KEYNOTES PER SHEET

0104	WAYFINDING PAINT/GRAPHIC TO BE ADDED AT PARKING LOBBIES AND STAIRS



N

A3 P2 OVERALL FINISH PLAN - PHASE 1

1/16" = 1'-0"

eua

milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

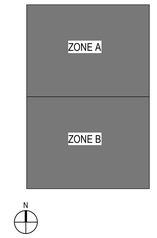
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P2 FLR OVERALL FINISH PLANS - PHASE 1

A1202-1

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FINISH PLAN SYMBOLS

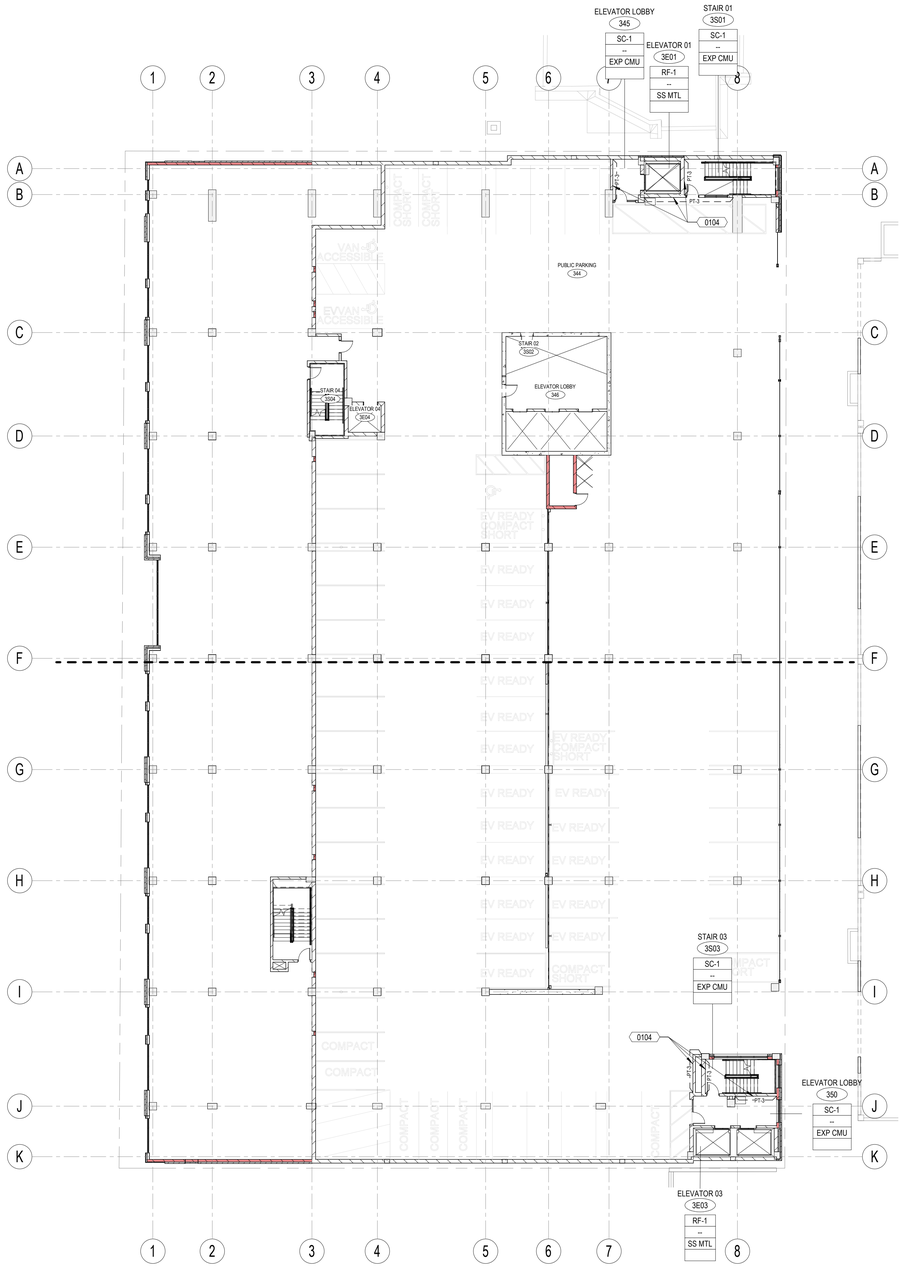
FLOOR / BASE / WALL / REMARKS	FINISH TAG
	EXTENT OF MATERIAL AT ACCENT WALL
	INSTALLATION DIRECTION
CPT-01 __ CPT-02	MATERIAL TRANSITION
MJ	MOVEMENT JOINT

SHEET NOTES - FINISHES

1.	REFER TO SHEET G000-1.1 FOR ADDITIONAL TAG AND SYMBOL DEFINITIONS.
2.	SEE SHEET A0020-1 FOR PROPER ACCESSIBLE MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES AND ACCESSORIES.
3.	SEE SHEET A1200-1 FOR INTERIOR MATERIAL SCHEDULE.
4.	REFER TO ENLRAGED FLOOR PLAN ON SHEET A4002-1 FOR INTERIOR ELEVATION TAGS.
5.	ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-7 UNLESS NOTED OTHERWISE.
6.	PAINT ALL GRILLES, DIFFUSERS AND REGISTERS TO MATCH ADJACENT CEILING OR WALL COLOR UNLESS NOTED OTHERWISE.
7.	ELECTRICAL OUTLET AND SWITCH PLATE COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARD OFFERINGS.
8.	ALL STEEL STAIR PARTS & HANDRAILS TO BE PAINTED PT-11.
9.	ALL FLOORING TRANSITIONS BETWEEN ROOMS ARE TO OCCUR CENTERED BELOW THE DOOR. SEE DETAIL D2/A5102-1.
10.	CONCRETE FLOORING TO BE SMOOTH AND LEVEL. BEFORE INSTALLING RF-1,

KEYNOTES PER SHEET

0104	WAYFINDING PAINT/GRAPHIC TO BE ADDED AT PARKING LOBBIES AND STAIRS



N

A3 P3 OVERALL FINISH PLAN - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

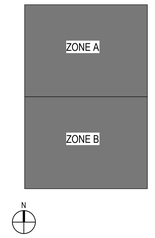
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P3 FLR OVERALL FINISH PLANS - PHASE 1

A1203-1

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FINISH PLAN SYMBOLS

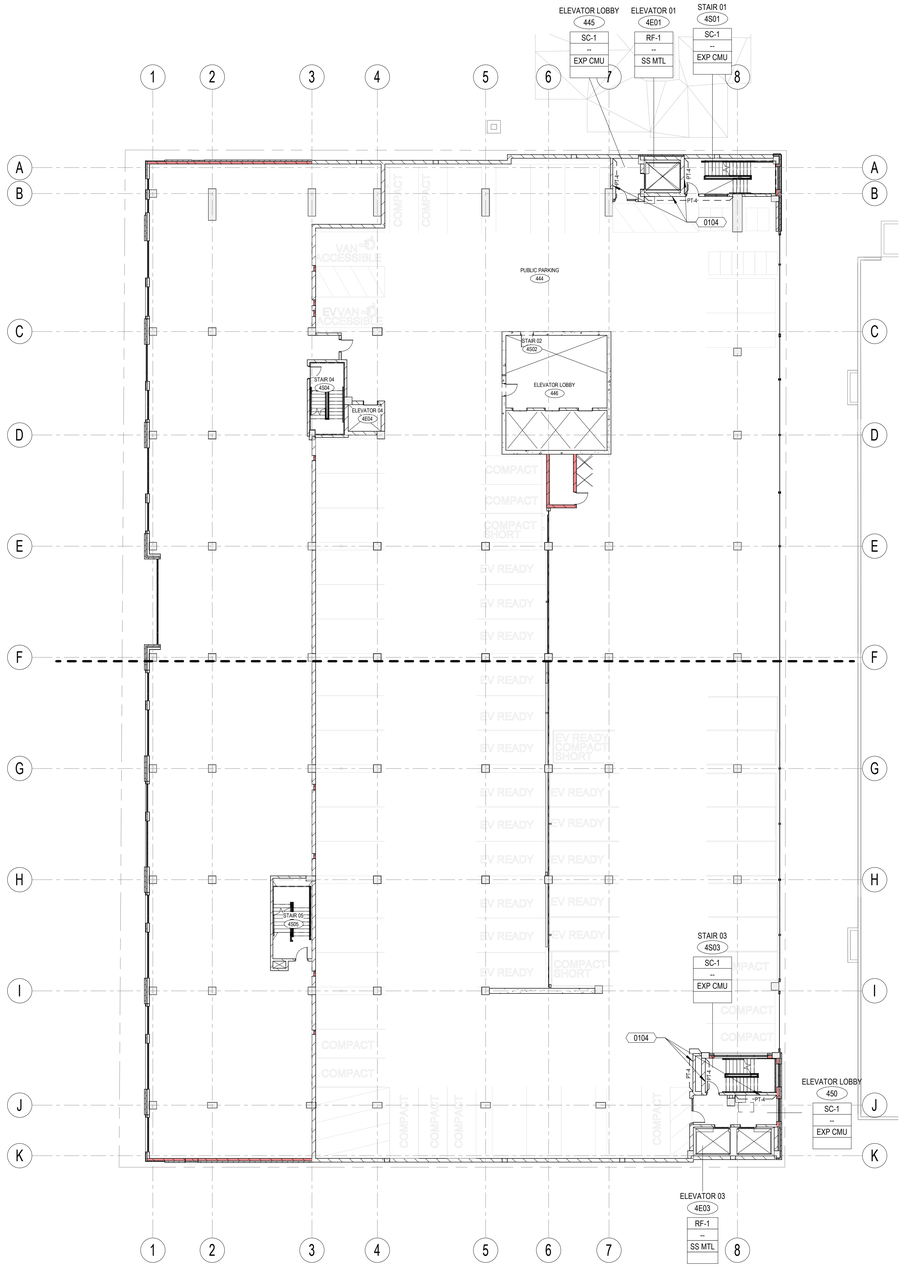
FLOOR / BASE / WALL / REMARKS	FINISH TAG
	EXTENT OF MATERIAL AT ACCENT WALL
	INSTALLATION DIRECTION
CPT-01 CPT-02	MATERIAL TRANSITION
MJ	MOVEMENT JOINT

SHEET NOTES - FINISHES

1.	REFER TO SHEET G000-1.1 FOR ADDITIONAL TAG AND SYMBOL DEFINITIONS.
2.	SEE SHEET A0020-1 FOR PROPER ACCESSIBLE MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES AND ACCESSORIES.
3.	SEE SHEET A1200-1 FOR INTERIOR MATERIAL SCHEDULE.
4.	REFER TO ENLRAGED FLOOR PLAN ON SHEET A4002-1 FOR INTERIOR ELEVATON TAGS.
5.	ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-7 UNLESS NOTED OTHERWISE.
6.	PAINT ALL GRILLES, DIFFUSERS AND REGISTERS TO MATCH ADJACENT CEILING OR WALL COLOR UNLESS NOTED OTHERWISE.
7.	ELECTRICAL OUTLET AND SWITCH PLATE COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARD OFFERINGS.
8.	ALL STEEL STAIR PARTS & HANDRAILS TO BE PAINTED PT-11.
9.	ALL FLOORING TRANSITIONS BETWEEN ROOMS ARE TO OCCUR CENTERED BELOW THE DOOR. SEE DETAIL D2/A5102-1.
10.	CONCRETE FLOORING TO BE SMOOTH AND LEVEL BEFORE INSTALLING RF-1.

KEYNOTES PER SHEET

0104	WAYFINDING PAINT/GRAPHIC TO BE ADDED AT PARKING LOBBIES AND STAIRS



N

A3 P4 OVERALL FINISH PLAN - PHASE 1

1/16" = 1'-0"

milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

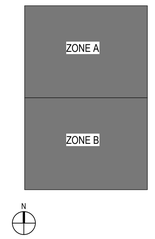
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P4 FLR OVERALL FINISH PLANS - PHASE 1

A1204-1

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FINISH PLAN SYMBOLS

FLOOR / BASE / WALL / REMARKS	FINISH TAG
	EXTENT OF MATERIAL AT ACCENT WALL
	INSTALLATION DIRECTION
CPT-01 CPT-02	MATERIAL TRANSITION
MJ	MOVEMENT JOINT

SHEET NOTES - FINISHES

1.	REFER TO SHEET G000-1.1 FOR ADDITIONAL TAG AND SYMBOL DEFINITIONS.
2.	SEE SHEET A0020-1 FOR PROPER ACCESSIBLE MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES AND ACCESSORIES.
3.	SEE SHEET A1200-1 FOR INTERIOR MATERIAL SCHEDULE.
4.	REFER TO ENLRAGED FLOOR PLAN ON SHEET A4002-1 FOR INTERIOR ELEVATON TAGS.
5.	ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-7 UNLESS NOTED OTHERWISE.
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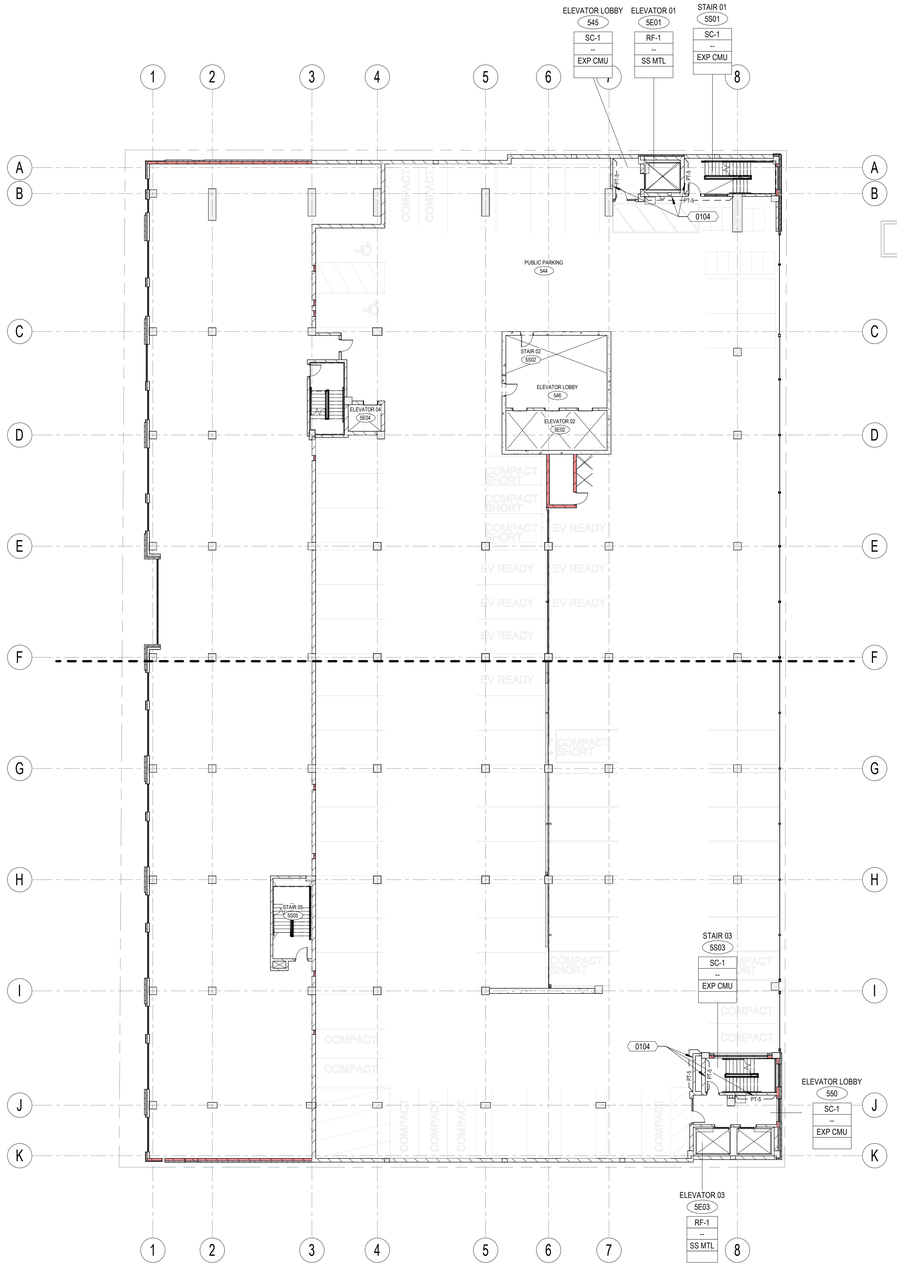
10.	CONCRETE FLOORING TO BE SMOOTH AND LEVEL BEFORE INSTALLING RF-1.

KEYNOTES PER SHEET

0104	WAYFINDING PAINT/GRAPHIC TO BE ADDED AT PARKING LOBBIES AND STAIRS



N

A3 P5 OVERALL FINISH PLAN - PHASE 1

1/16" = 1'-0"

eua

milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

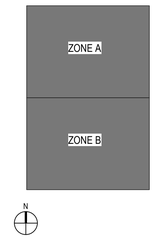
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P5 FLR OVERALL FINISH PLANS - PHASE 1

A1205-1

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FINISH PLAN SYMBOLS

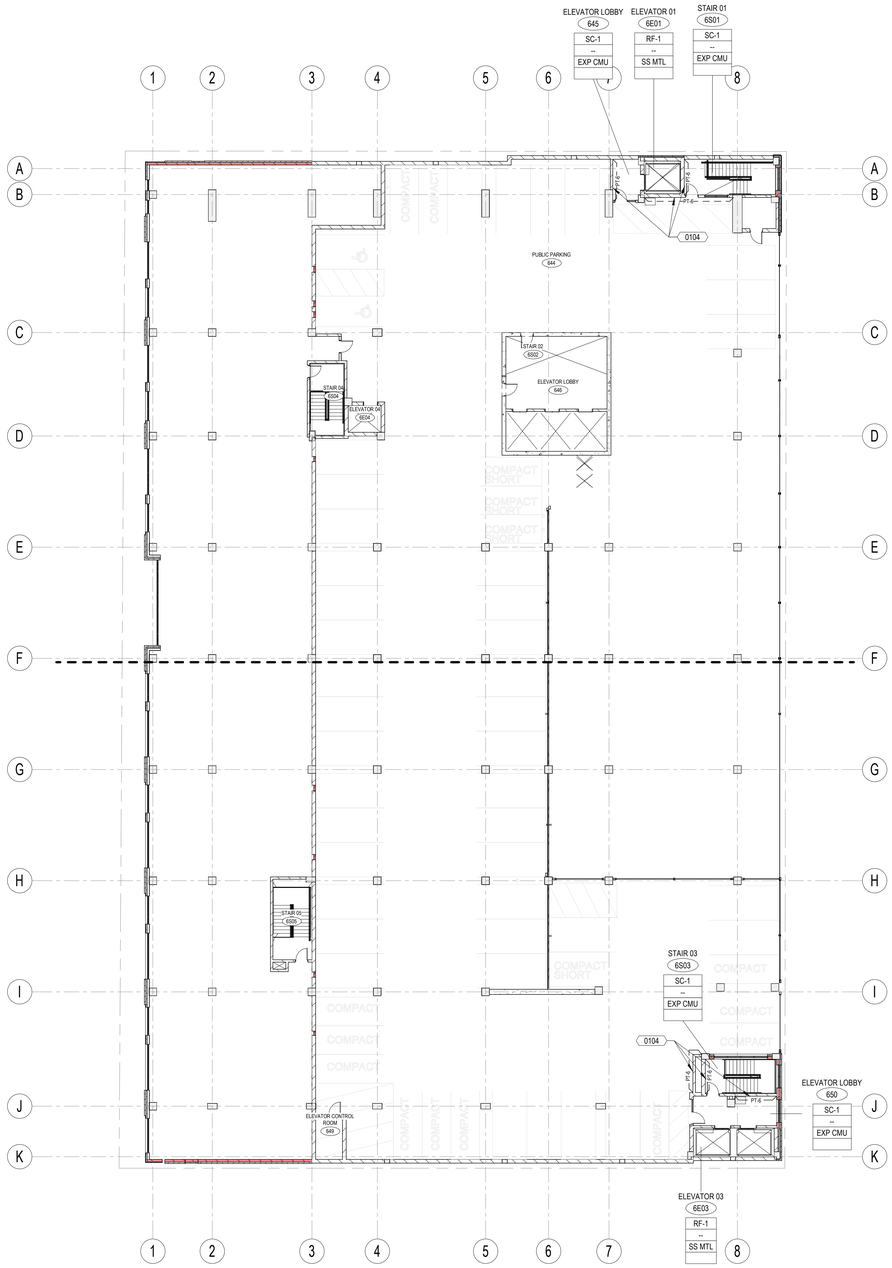
FLOOR / BASE / WALL / REMARKS	FINISH TAG
	EXTENT OF MATERIAL AT ACCENT WALL
	INSTALLATION DIRECTION
CPT-01 __ CPT-02	MATERIAL TRANSITION
MJ	MOVEMENT JOINT

SHEET NOTES - FINISHES

1.	REFER TO SHEET G000-1.1 FOR ADDITIONAL TAG AND SYMBOL DEFINITIONS.
2.	SEE SHEET A0020-1 FOR PROPER ACCESSIBLE MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES AND ACCESSORIES.
3.	SEE SHEET A1200-1 FOR INTERIOR MATERIAL SCHEDULE.
4.	REFER TO ENLRAGED FLOOR PLAN ON SHEET A4002-1 FOR INTERIOR ELEVATON TAGS.
5.	ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-7 UNLESS NOTED OTHERWISE.
6.	PAINT ALL GRILLES, DIFFUSERS AND REGISTERS TO MATCH ADJACENT CEILING OR WALL COLOR UNLESS NOTED OTHERWISE.
7.	ELECTRICAL OUTLET AND SWITCH PLATE COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARD OFFERINGS.
8.	ALL STEEL STAIR PARTS & HANDRAILS TO BE PAINTED PT-11.
9.	ALL FLOORING TRANSITIONS BETWEEN ROOMS ARE TO OCCUR CENTERED BELOW THE DOOR. SEE DETAIL D2/A5102-1.
10.	CONCRETE FLOORING TO BE SMOOTH AND LEVEL BEFORE INSTALLING RF-1.

KEYNOTES PER SHEET

0104	WAYFINDING PAINT/GRAPHIC TO BE ADDED AT PARKING LOBBIES AND STAIRS



N

A3 P6 OVERALL FINISH PLAN - PHASE 1

1/16" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

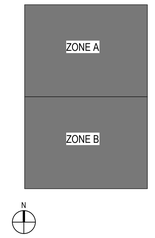
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

P6 FLR OVERALL FINISH PLANS - PHASE 1

A1206-1

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EXTERIOR MATERIAL

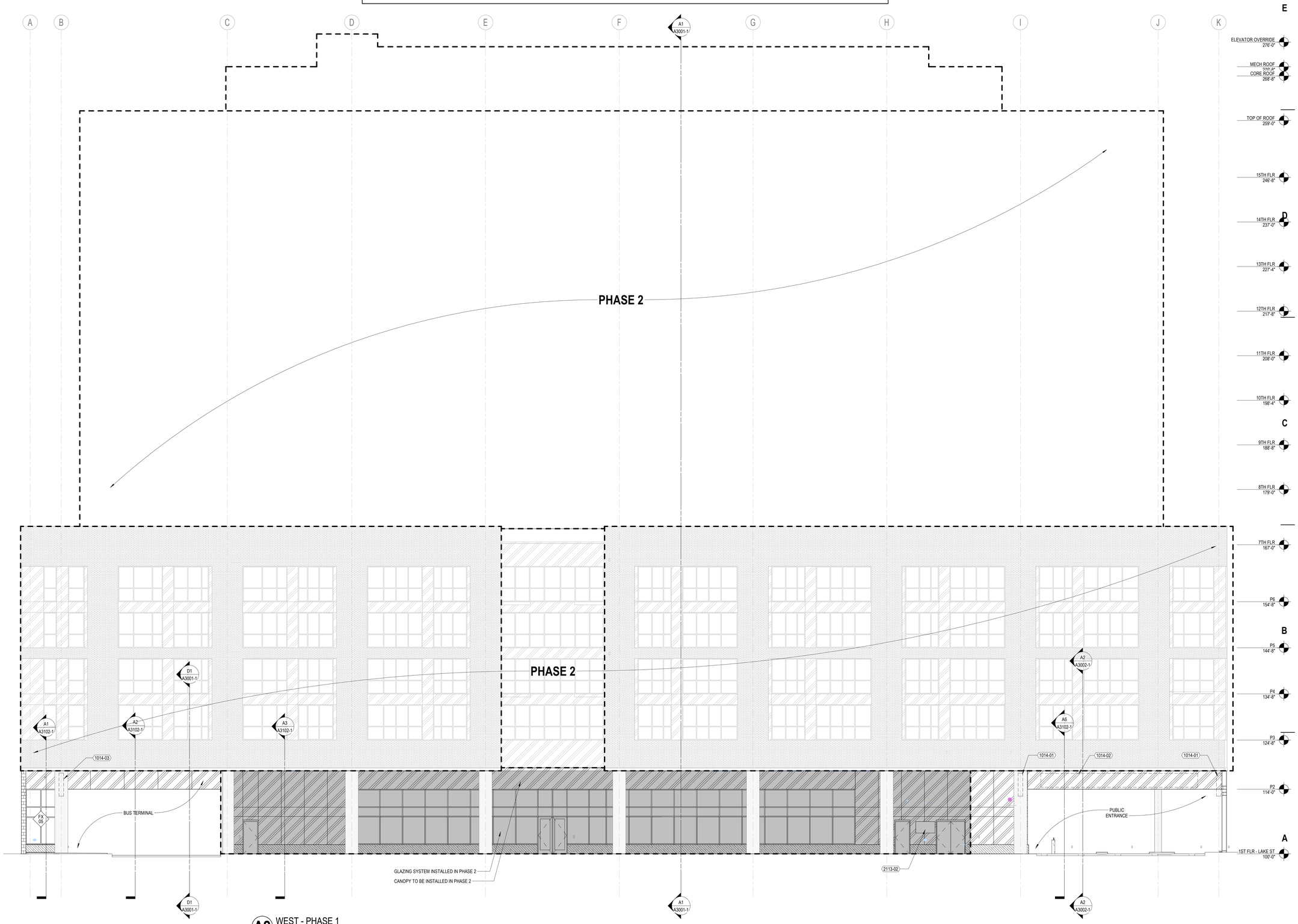
- METAL PANEL
- BRICK
- DECORATIVE BLOCK
- PRECAST
- FIBER CEMENT - COLOR 1
- FIBER CEMENT - COLOR 2
- MECHANICAL SCREENING

KEYNOTES PER SHEET

1014-01	PUBLIC PARKING BLADE SIGNAGE, BY OTHERS - CONFIRM WITH OWNER
1014-02	PUBLIC PARKING CHANNEL/HANGING SIGNAGE, BY OTHERS - CONFIRM WITH OWNER
1014-03	BUS TERMINAL BLADE SIGNAGE, BY OTHERS - CONFIRM WITH OWNER
2113-02	FIRE PROTECTION TEST, HEADER AND VALVES, SEE PLUMBING DRAWINGS (PHASE 1)

SHEET NOTES - EXTERIOR ELEVATIONS

1.	SEE SHEET A2200-1 FOR EXTERIOR FRAME TYPES AND DIMENSIONS.
2.	PROVIDE CONTINUOUS SEALANT AND BACKER ROD AT ALL PRECAST CONCRETE JOINTS.
3.	ALL INSIDE AND OUTSIDE CORNERS OF PRECAST TRIM TO NOT BE MITERED.
4.	EXTERIOR SIGNAGE ON BUILDING TO BE COORDINATED AND VERIFIED WITH ARCHITECT, OWNER AND SIGNAGE VENDOR.
5.	ALL VERTICAL INSIDE CORNERS TO HAVE 1/2" MOVEMENT JOINT.
6.	MJ = INDICATES MOVEMENT JOINT - 1/2" GAP.
7.	PJ = INDICATES METAL PANEL JOINT - 1/2" GAP.



A2 WEST - PHASE 1
1/8" = 1'-0"

eua
milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR ELEVATIONS - PHASE 1

A2000-1

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EXTERIOR MATERIAL

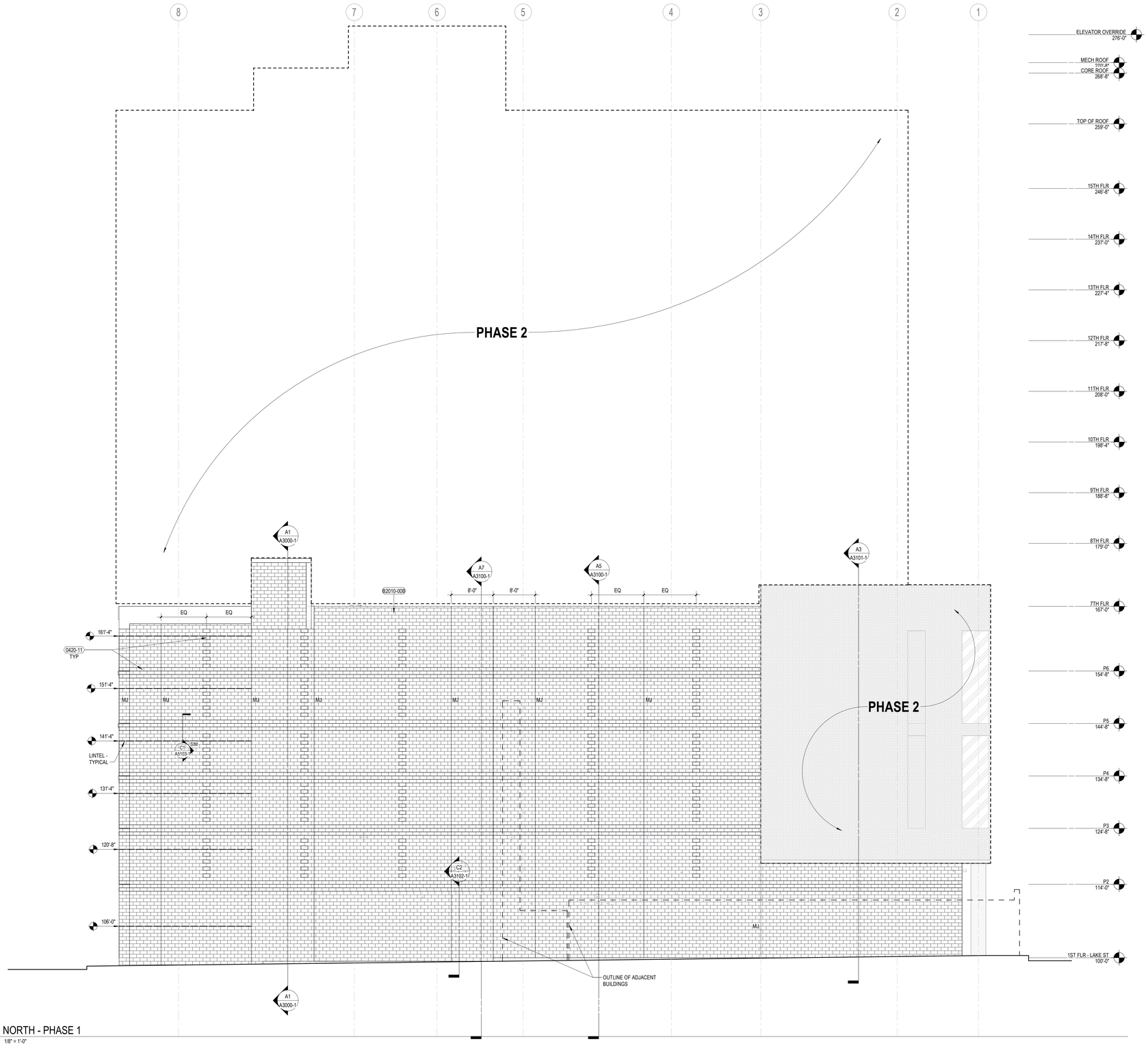
METAL PANEL	BRICK	DECORATIVE BLOCK	PRECAST
FIBER CEMENT - COLOR 1	FIBER CEMENT - COLOR 2	MECHANICAL SCREENING	

KEYNOTES PER SHEET

0420-11	CONCRETE MASONRY UNITS - ACCENT COLOR
B2010-00B	SINGLE WYTHE DECORATIVE CMU WALL W/ NON-INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET

SHEET NOTES - EXTERIOR ELEVATIONS

1.	SEE SHEET A2200-1 FOR EXTERIOR FRAME TYPES AND DIMENSIONS.
2.	PROVIDE CONTINUOUS SEALANT AND BACKER ROD AT ALL PRECAST CONCRETE JOINTS.
3.	ALL INSIDE AND OUTSIDE CORNERS OF PRECAST TRIM TO NOT BE MITERED.
4.	EXTERIOR SIGNAGE ON BUILDING TO BE COORDINATED AND VERIFIED WITH ARCHITECT, OWNER AND SIGNAGE VENDOR.
5.	ALL VERTICAL INSIDE CORNERS TO HAVE 1/2" MOVEMENT JOINT.
6.	MJ = INDICATES MOVEMENT JOINT - 1/2" GAP.
7.	PJ = INDICATES METAL PANEL JOINT - 1/2" GAP.



A1 NORTH - PHASE 1
1/8" = 1'-0"

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milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR ELEVATIONS - PHASE 1

A2001-1

© 2022 Eppstein Uhen Architects, Inc.

EXTERIOR MATERIAL

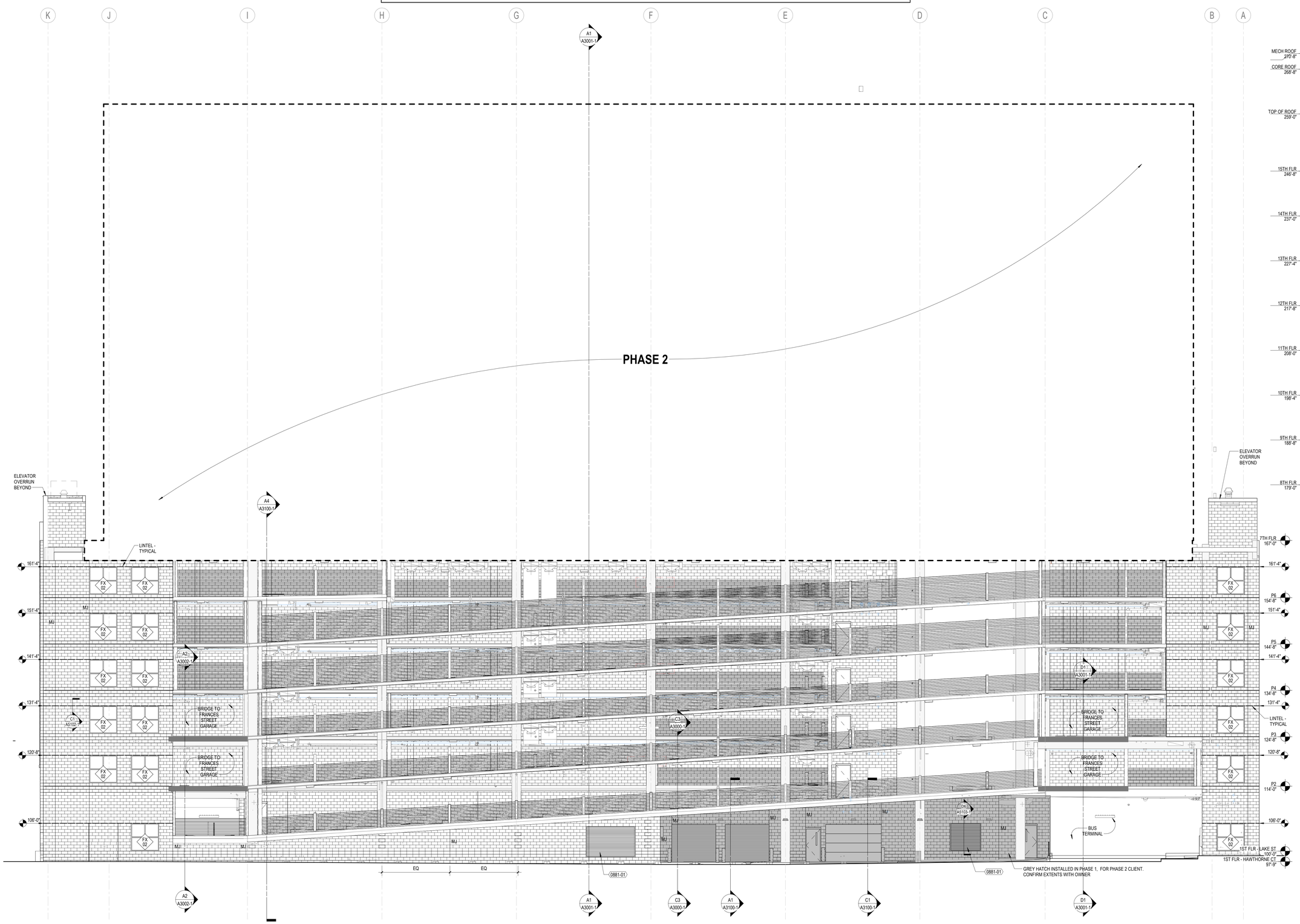
- METAL PANEL
- BRICK
- DECORATIVE BLOCK
- PRECAST
- FIBER CEMENT - COLOR 1
- FIBER CEMENT - COLOR 2
- MECHANICAL SCREENING

KEYNOTES PER SHEET

0881-01	LOUVER - VERIFY SIZE WITH HVAC DRAWINGS

SHEET NOTES - EXTERIOR ELEVATIONS

1. SEE SHEET A2200-1 FOR EXTERIOR FRAME TYPES AND DIMENSIONS.
2. PROVIDE CONTINUOUS SEALANT AND BACKER ROD AT ALL PRECAST CONCRETE JOINTS.
3. ALL INSIDE AND OUTSIDE CORNERS OF PRECAST TRIM TO NOT BE MITERED.
4. EXTERIOR SIGNAGE ON BUILDING TO BE COORDINATED AND VERIFIED WITH ARCHITECT, OWNER AND SIGNAGE VENDOR.
5. ALL VERTICAL INSIDE CORNERS TO HAVE 1/2" MOVEMENT JOINT.
6. MJ = INDICATES MOVEMENT JOINT - 1/2" GAP.
7. PJ = INDICATES METAL PANEL JOINT - 1/2" GAP.



A1 EAST - PHASE 1
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR ELEVATIONS - PHASE 1

A2002-1

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EXTERIOR MATERIAL

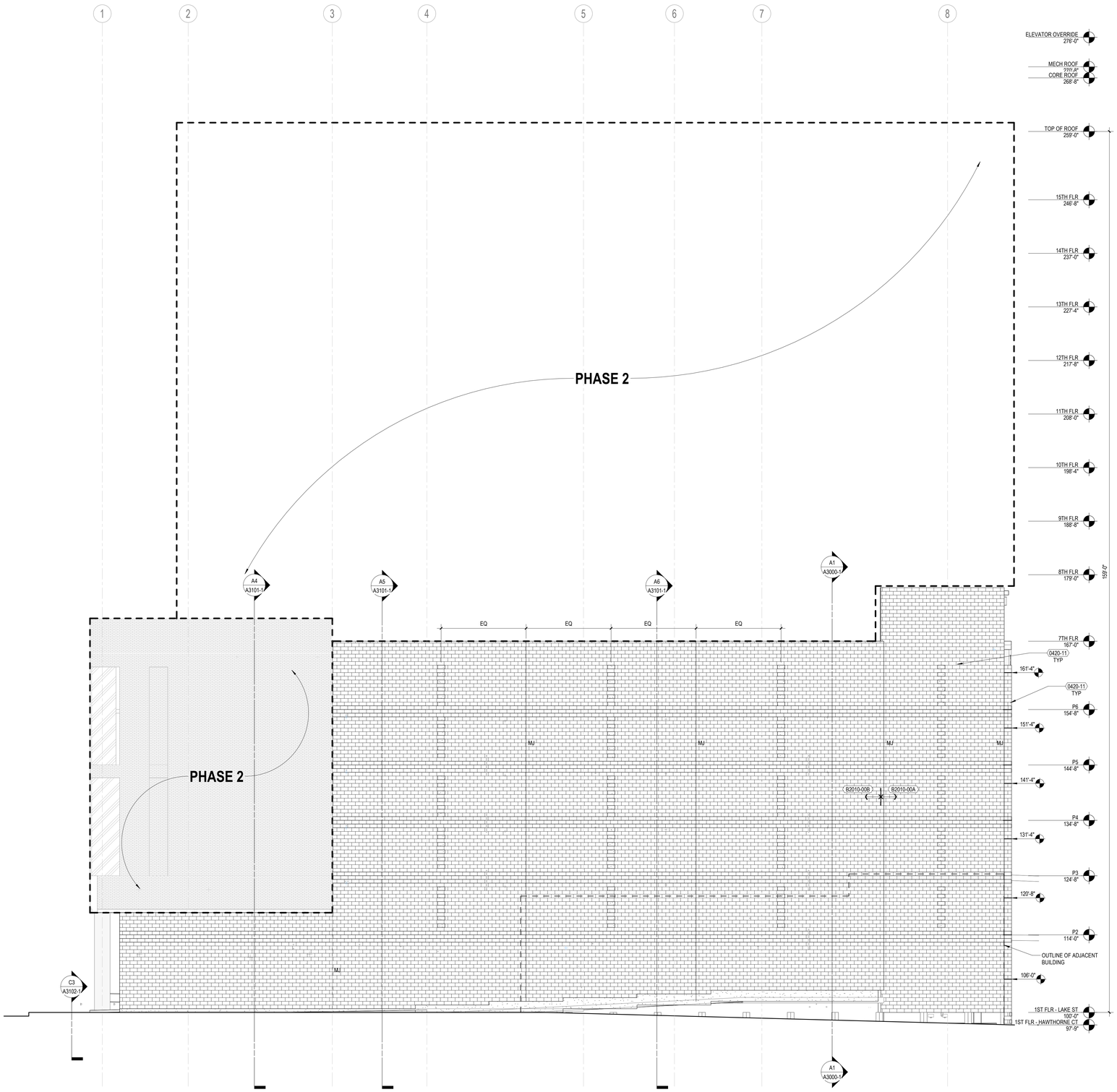
METAL PANEL	BRICK	DECORATIVE BLOCK	PRECAST
FIBER CEMENT - COLOR 1	FIBER CEMENT - COLOR 2	MECHANICAL SCREENING	

KEYNOTES PER SHEET

0420-11	CONCRETE MASONRY UNITS - ACCENT COLOR
B2010-00A	SINGLE WYTHE DECORATIVE CMU WALL W/ INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET
B2010-00B	SINGLE WYTHE DECORATIVE CMU WALL W/ NON-INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET

SHEET NOTES - EXTERIOR ELEVATIONS

1.	SEE SHEET A2200-1 FOR EXTERIOR FRAME TYPES AND DIMENSIONS.
2.	PROVIDE CONTINUOUS SEALANT AND BACKER ROD AT ALL PRECAST CONCRETE JOINTS.
3.	ALL INSIDE AND OUTSIDE CORNERS OF PRECAST TRIM TO NOT BE MITERED.
4.	EXTERIOR SIGNAGE ON BUILDING TO BE COORDINATED AND VERIFIED WITH ARCHITECT, OWNER AND SIGNAGE VENDOR.
5.	ALL VERTICAL INSIDE CORNERS TO HAVE 1/2" MOVEMENT JOINT.
6.	MJ = INDICATES MOVEMENT JOINT - 1/2" GAP.
7.	PJ = INDICATES METAL PANEL JOINT - 1/2" GAP.



A2 SOUTH - PHASE 1
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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MADISON, WI 53715

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR ELEVATIONS - PHASE 1

A2003-1

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EXTERIOR MATERIAL

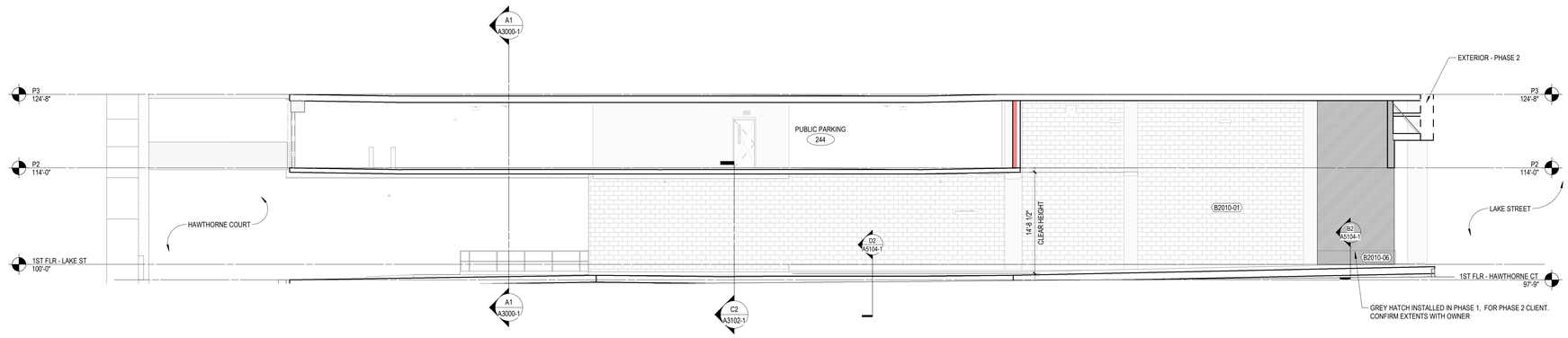
METAL PANEL	BRICK
DECORATIVE BLOCK	PRECAST
FIBER CEMENT - COLOR 1	FIBER CEMENT - COLOR 2
MECHANICAL SCREENING	

KEYNOTES PER SHEET

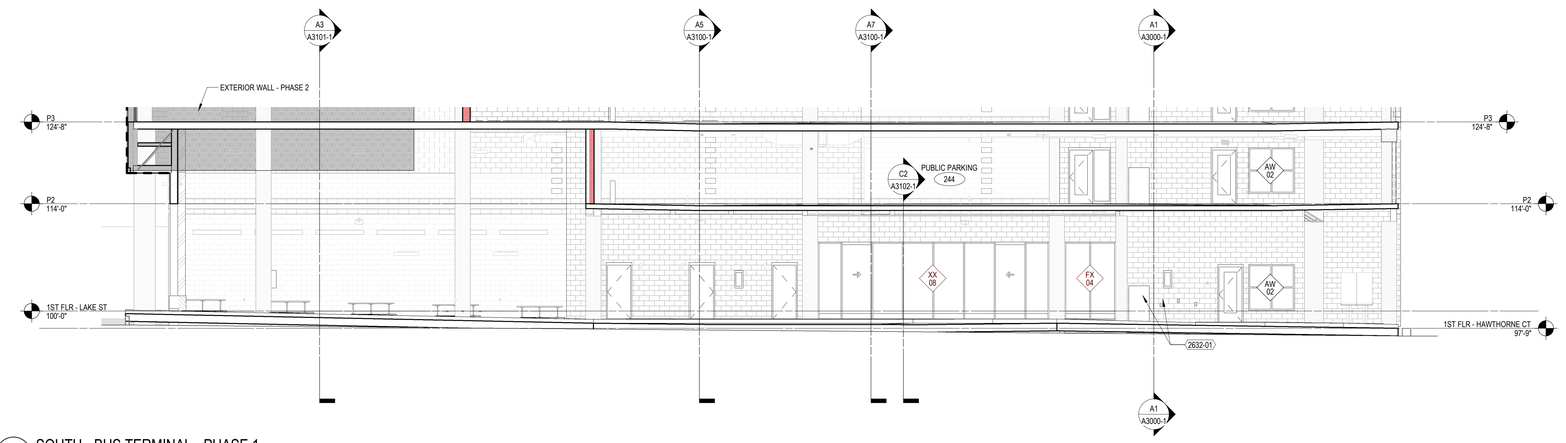
2632-01	GENERATOR HOOKUP. SEE ELECTRICAL DRAWINGS
B2010-01	MASONRY VENEER ON CMU BACKUP WALL (INSUL) - SEE BUILDING ASSEMBLIES SHEET
B2010-06	PRECAST CONCRETE VENEER ON CMU BACKUP WALL (INSUL)

SHEET NOTES - EXTERIOR ELEVATIONS

1.	SEE SHEET A2200-1 FOR EXTERIOR FRAME TYPES AND DIMENSIONS.
2.	PROVIDE CONTINUOUS SEALANT AND BACKER ROD AT ALL PRECAST CONCRETE JOINTS.
3.	ALL INSIDE AND OUTSIDE CORNERS OF PRECAST TRIM TO NOT BE MITERED.
4.	EXTERIOR SIGNAGE ON BUILDING TO BE COORDINATED AND VERIFIED WITH ARCHITECT, OWNER AND SIGNAGE VENDOR.
5.	ALL VERTICAL INSIDE CORNERS TO HAVE 1/2" MOVEMENT JOINT.
6.	MJ = INDICATES MOVEMENT JOINT - 1/2" GAP.
7.	PJ = INDICATES METAL PANEL JOINT - 1/2" GAP.



C3 NORTH - BUS TERMINAL - PHASE 1
1/8" = 1'-0"



A2 SOUTH - BUS TERMINAL - PHASE 1
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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MADISON, WI 53715

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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR ELEVATIONS - PHASE 1

A2004-1

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EXTERIOR MATERIAL

- METAL PANEL
- BRICK
- DECORATIVE BLOCK
- PRECAST
- FIBER CEMENT - COLOR 1
- FIBER CEMENT - COLOR 2
- MECHANICAL SCREENING

KEYNOTES PER SHEET

SHEET NOTES - EXTERIOR ELEVATIONS

1.	SEE SHEET A2200-1 FOR EXTERIOR FRAME TYPES AND DIMENSIONS.
2.	PROVIDE CONTINUOUS SEALANT AND BACKER ROD AT ALL PRECAST CONCRETE JOINTS.
3.	ALL INSIDE AND OUTSIDE CORNERS OF PRECAST TRIM TO NOT BE MITERED.
4.	EXTERIOR SIGNAGE ON BUILDING TO BE COORDINATED AND VERIFIED WITH ARCHITECT, OWNER AND SIGNAGE VENDOR.
5.	ALL VERTICAL INSIDE CORNERS TO HAVE 1/2" MOVEMENT JOINT.
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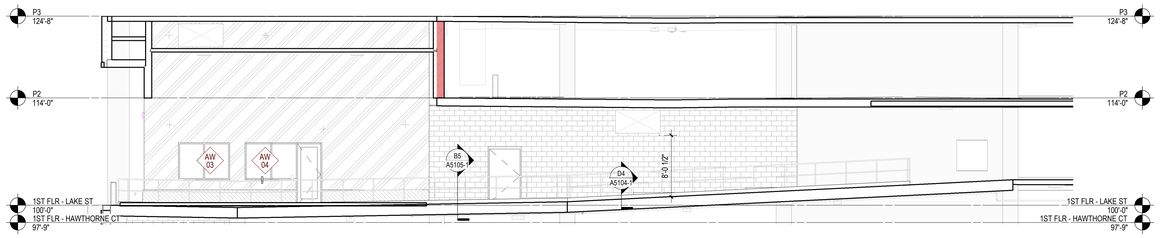
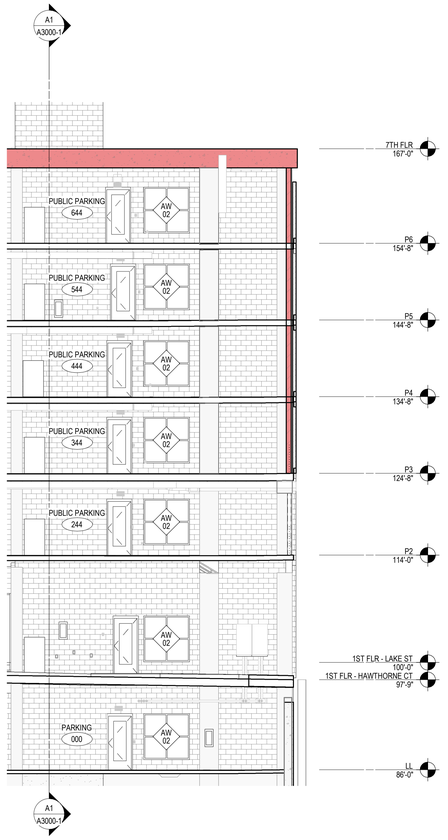
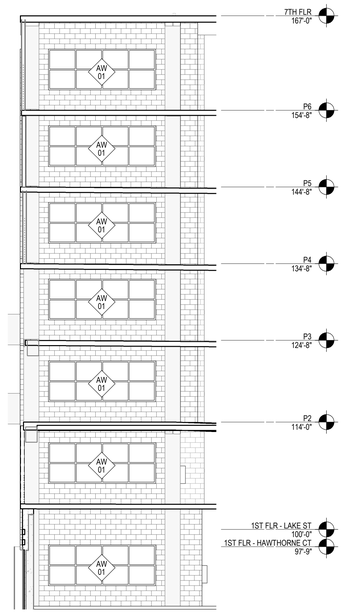


D4 SOUTH ELEVATION - PUBLIC PARKING
1/8" = 1'-0"



A4 SOUTH ELEVATION - STAIR 01
1/8" = 1'-0"



A6 NORTH ELEVATION - STAIR 03
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR ELEVATIONS - PHASE 1

A2005-1

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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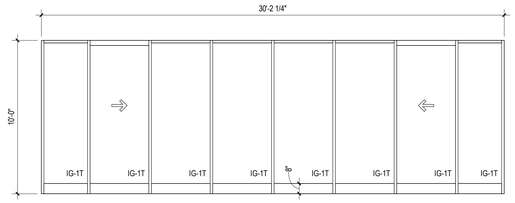
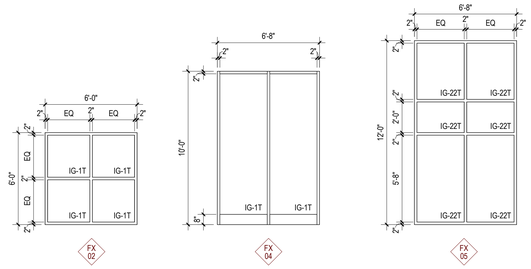
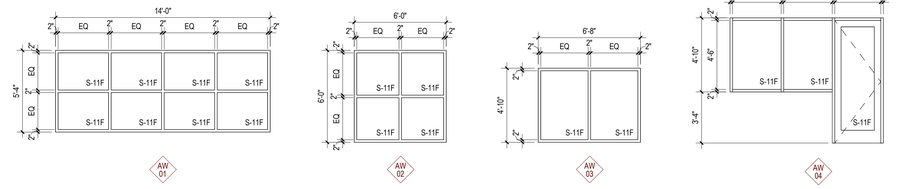


XX08

1/4" = 1'-0"



ALUMINUM WINDOW WALL



FIRE RATED ALUMINUM WINDOWS

WINDOW TYPES - PHASE 1

1/4" = 1'-0"

* WHERE LOCATED IN RATED WALL PROVIDED RATED GLASS
*TEMPERED GLASS WHERE REQUIRED BY CODE

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR FRAME TYPES - PHASE 1

A2200-1

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MEDICAL EQUIPMENT - PHASE 1

TAG	DESCRIPTION	MANUFACTURER
ME34	SHARPS WASTE DISPOSAL WITH LID	

TOILET ROOM ACCESSORIES - PHASE 1

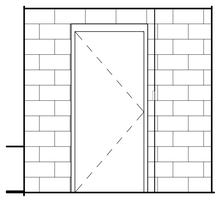
TAG	DESCRIPTION	LENGTH	MANUFACTURER	MODEL	REMARKS
CS01	MOP AND BROOM HOLDER				
CS15	UTILITY SHELF				
GB02	GRAB BAR STRAIGHT	1'-6"			
GB05	GRAB BAR STRAIGHT	3'-0"			
GB06	GRAB BAR STRAIGHT	3'-6"			
HD01	HAND DRYER				
MD20	SOAP DISPENSER SURFACE				
MR06	MIRROR FRAMELESS				PUBLIC 24"W x 36"H
MR07	MIRROR FRAMELESS				PRIVATE 24"W x 36"H
ND01	SURFACE MOUNT NAPKIN DISPOSAL				
PD10	ROLL PAPER TOWEL DISPENSER				
TP10	TOILET PAPER DISPENSER, DOUBLE SURFACE MOUNT				
TP31	JUMBO DOUBLE ROLL TOILET PAPER DISPENSER				
WR11	WASTE RECEPTACLE				

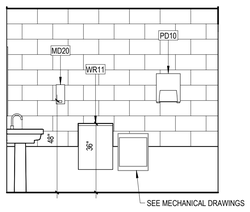
SHEET NOTES - INTERIOR ELEVATIONS

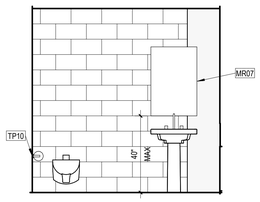
1. UNLESS NOTED OTHERWISE, ALL DIMENSION STRINGS ARE TO FINISH FACE OF WALL.
2. THE FINISHES FOR ALL SURFACES ARE NOT INDICATED ON THE ELEVATIONS. REFER TO FINISH PLANS.
3. WHERE NOT INDICATED ON THE ELEVATION, REFER TO SHEET A0020-1 FOR REQUIRED ACCESSIBILITY MOUNTING HEIGHTS AND CLEARANCES AT AND AROUND FIXTURES AND ACCESSORIES.

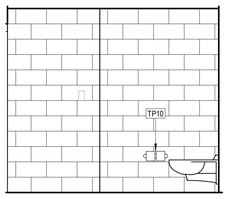
KEYNOTES PER SHEET

1043-01	AUTOMATED EXTERNAL DEFIBRILLATOR (AED) CABINET
1044-01	SURFACE MOUNTED FIRE EXTINGUISHER CABINET
2240-01	MOP SINK - SEE PLUMBING DRAWINGS
2242-19	ADA COMPLIANT DRINKING FOUNTAINS - SEE PLUMBING DRAWINGS







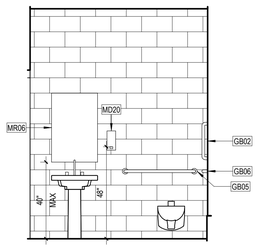


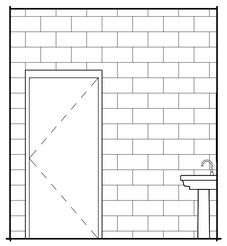
D1 TLT - WEST
3/8" = 1'-0"

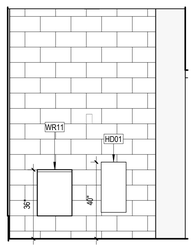
D3 TLT - SOUTH
3/8" = 1'-0"

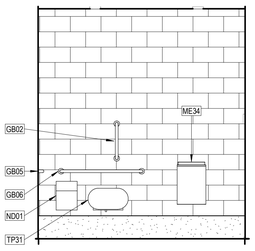
D4 TLT - EAST
3/8" = 1'-0"

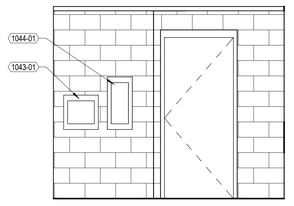
D5 TLT- NORTH
3/8" = 1'-0"











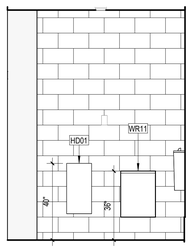
C2 TLT - WEST
3/8" = 1'-0"

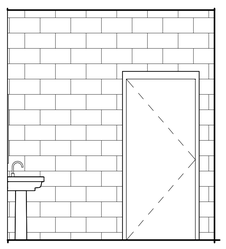
C3 TLT- SOUTH
3/8" = 1'-0"

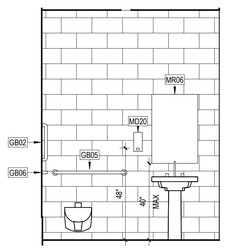
C4 TLT - EAST
3/8" = 1'-0"

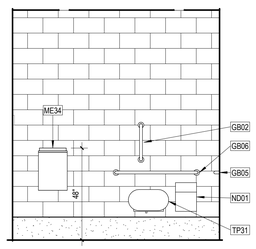
C5 TLT - NORTH
3/8" = 1'-0"

C6 CITY OFFICE - EAST
3/8" = 1'-0"







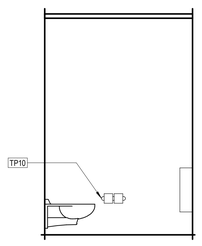


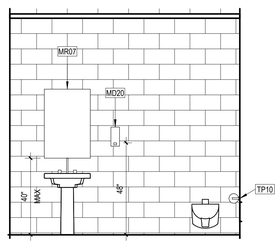
B2 TLT - WEST
3/8" = 1'-0"

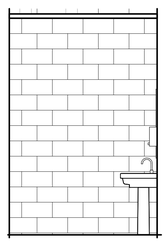
B3 TLT - SOUTH
3/8" = 1'-0"

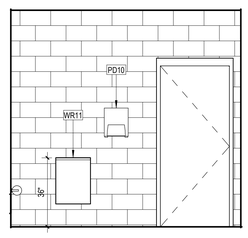
B4 TLT - EAST
3/8" = 1'-0"

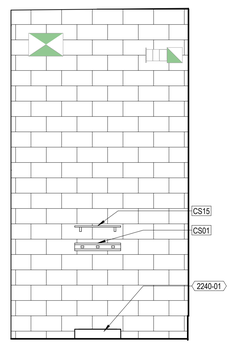
B5 TLT - NORTH
3/8" = 1'-0"

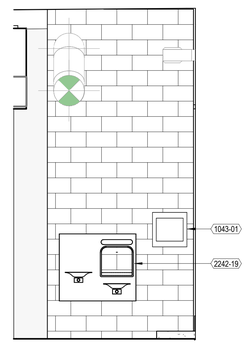












A2 TLT - WEST
3/8" = 1'-0"

A3 TLT - SOUTH
3/8" = 1'-0"

A4 TLT - EAST
3/8" = 1'-0"

A5 TLT - NORTH
3/8" = 1'-0"

A6 MAINTENANCE - WEST
3/8" = 1'-0"

A7 BUS WAITING -WEST
3/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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MADISON, WI 53715

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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

INTERIOR ELEVATIONS - PHASE 1

A2300-1

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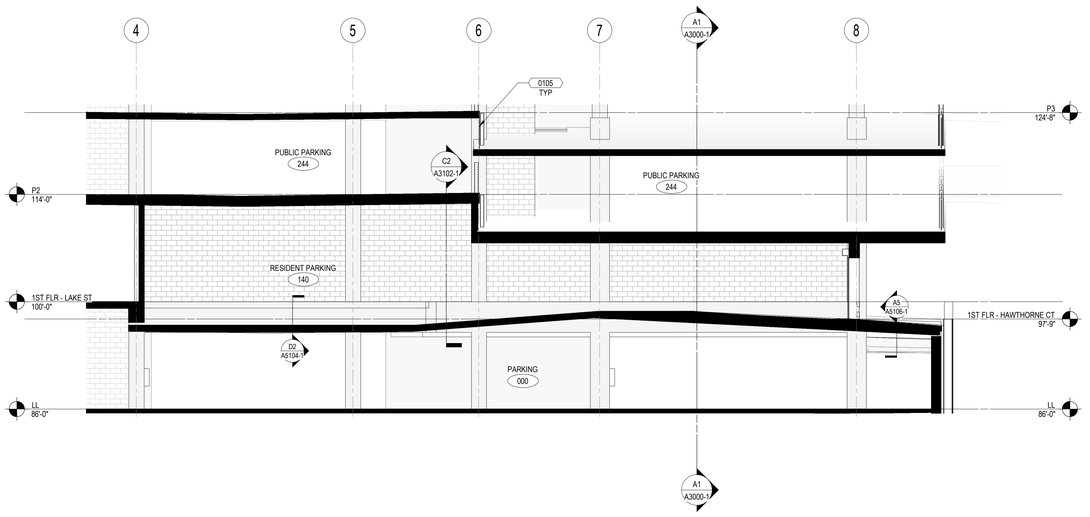
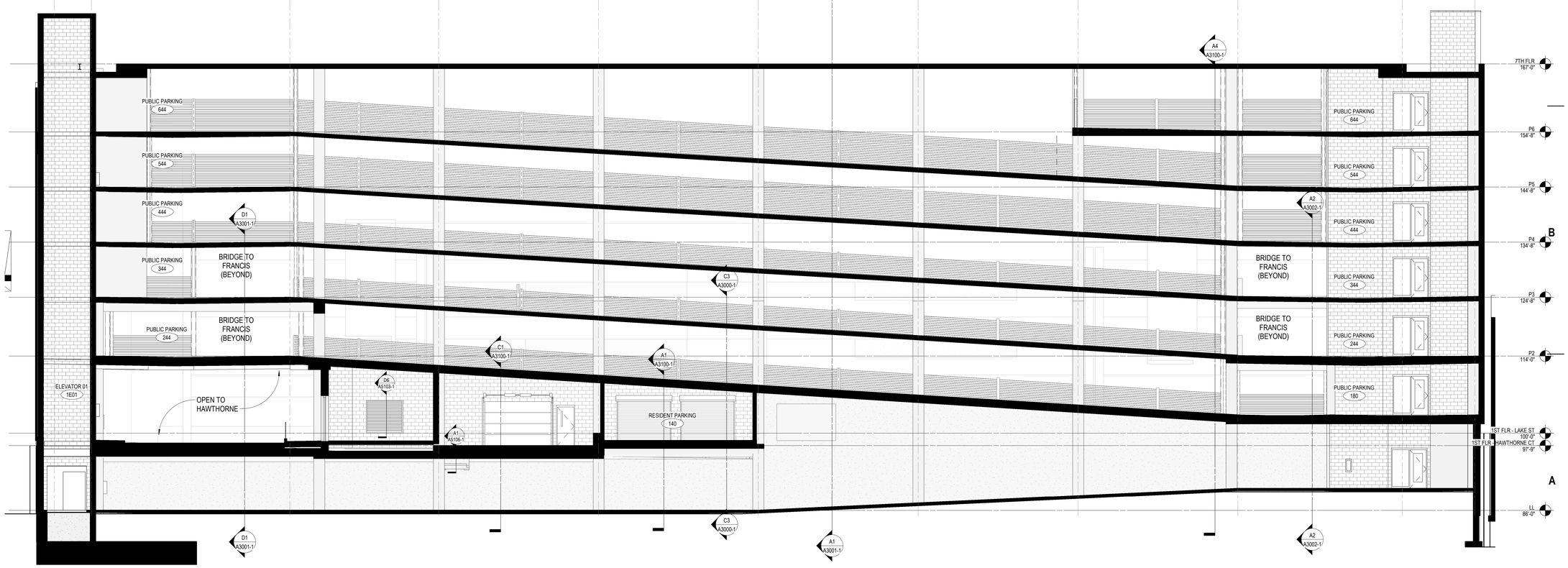
KEYNOTES PER SHEET

0105	VEHICLE CABLE BARRIER. REFER TO STRUCTURAL.



C3 LOWER LEVEL ENTRY SECTION
1/8" = 1'-0"



A1 NORTH-SOUTH SECTION LOOKING EAST - PHASE 1
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

BUILDING SECTIONS
- PHASE 1

A3000-1

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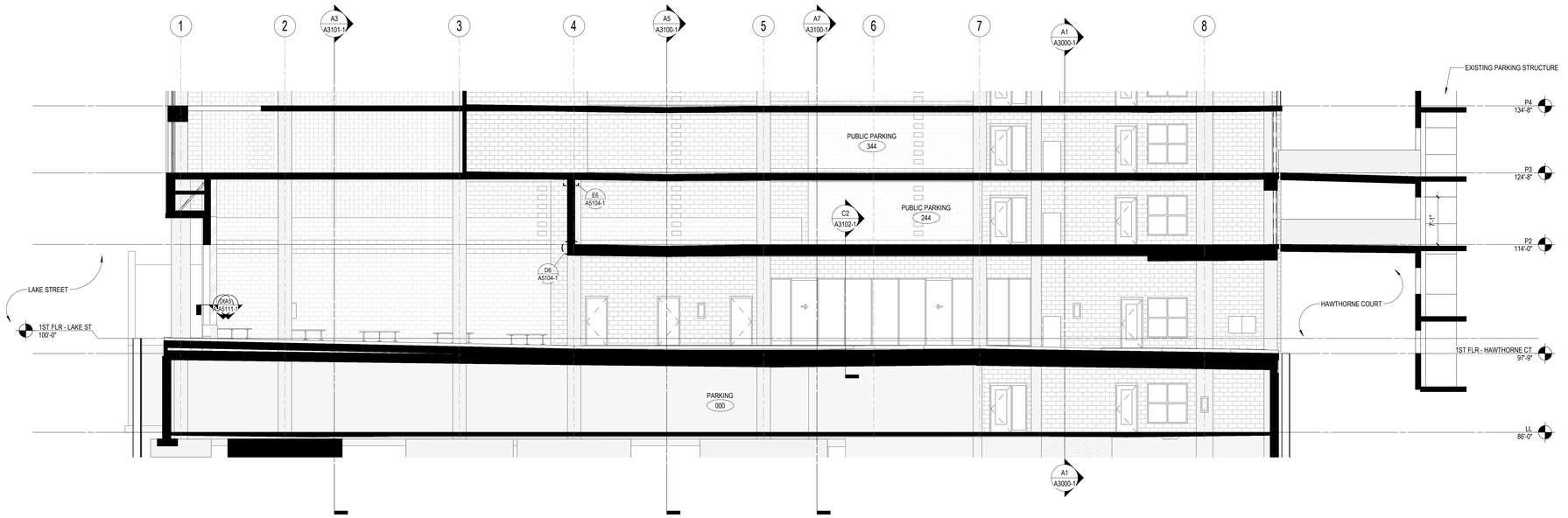
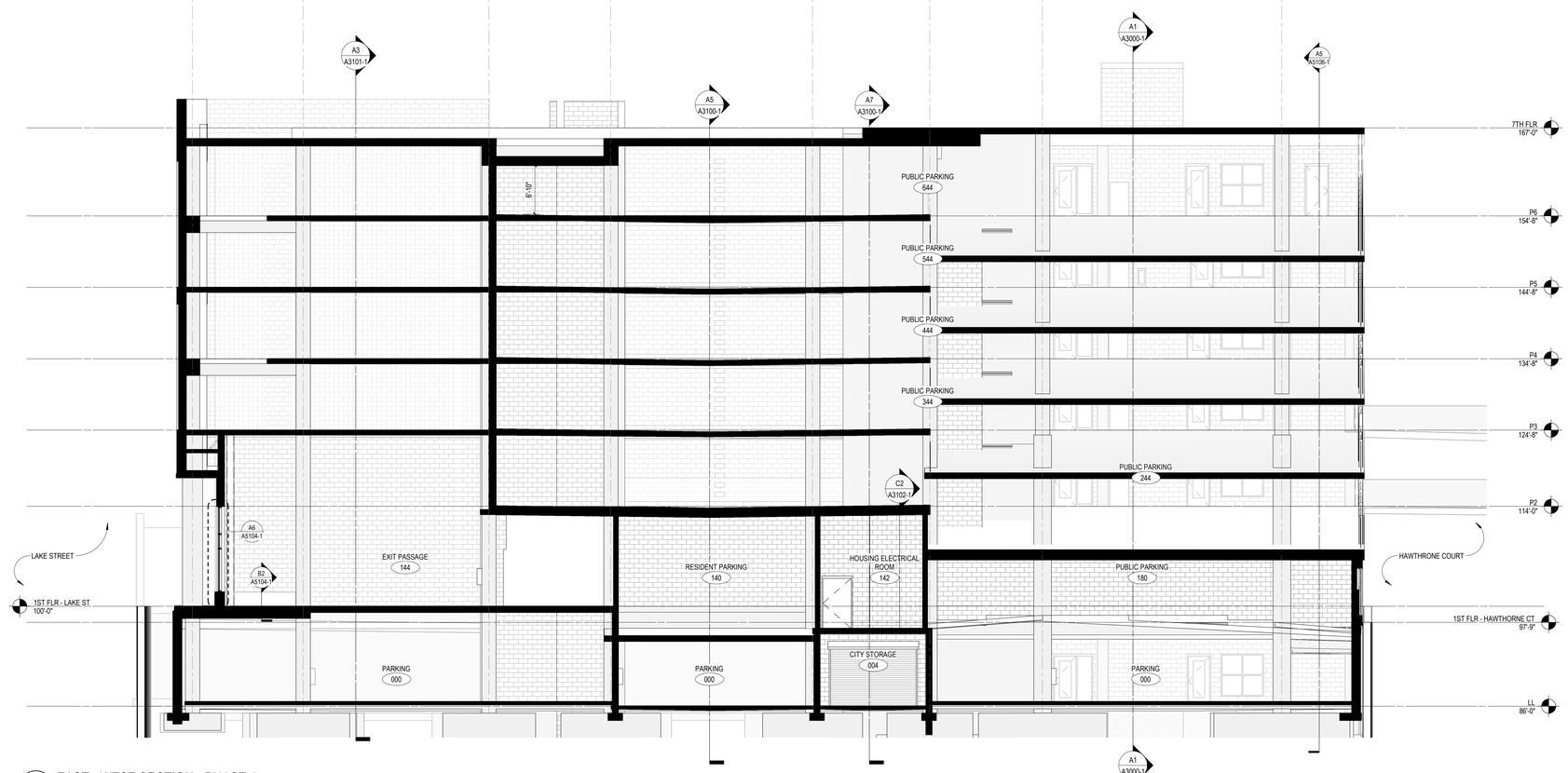
KEYNOTES PER SHEET



D1 EAST / WEST AT BUS TERMINAL - PHASE 1
1/8" = 1'-0"



A1 EAST - WEST SECTION - PHASE 1
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

BUILDING SECTIONS - PHASE 1

A3001-1

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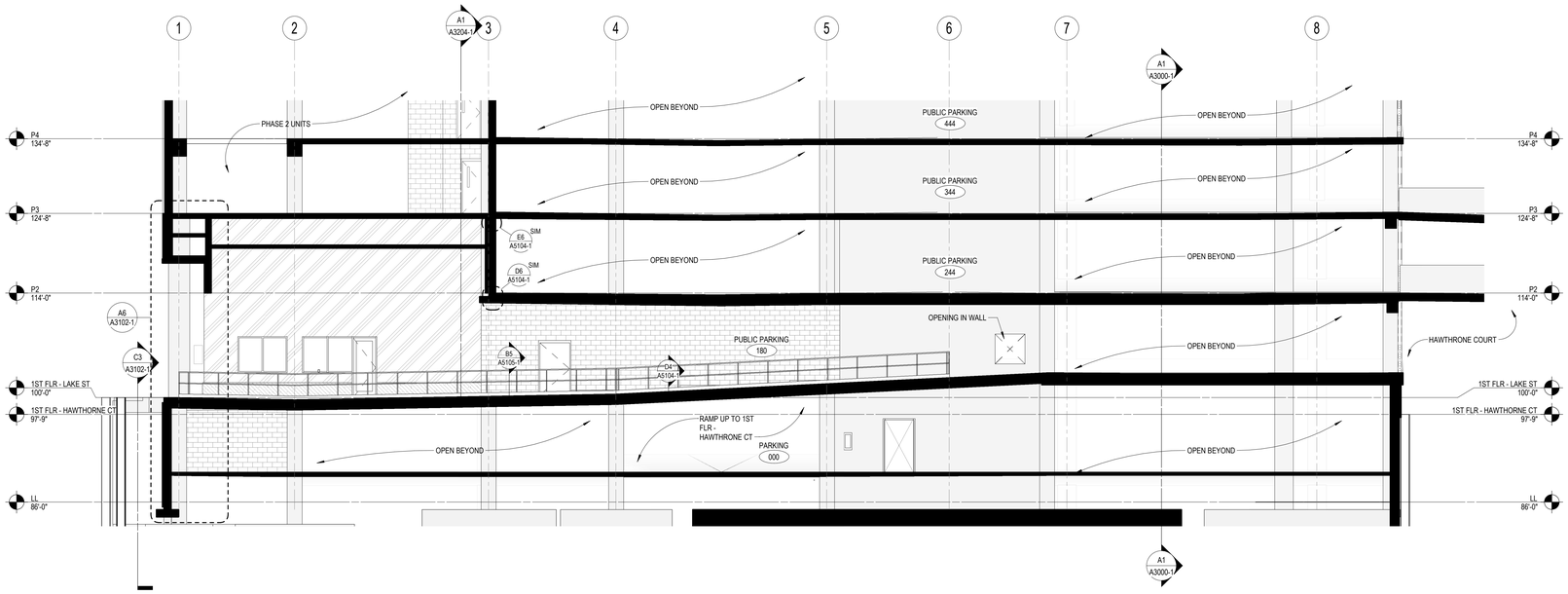
KEYNOTES PER SHEET



A2 EAST / WEST AT PUBLIC PARKING ENTRANCE
1/8" = 1'-0"

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PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

BUILDING SECTIONS
- PHASE 1

A3002-1

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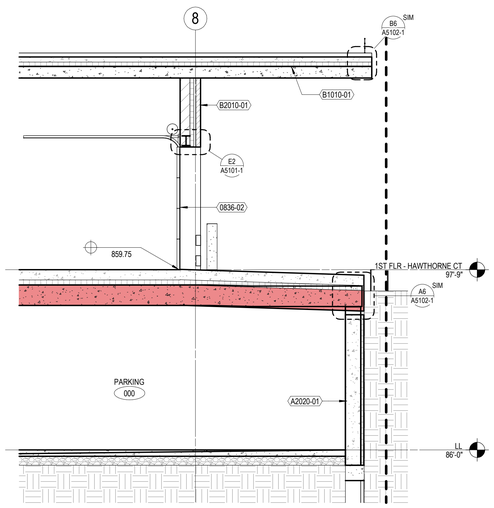
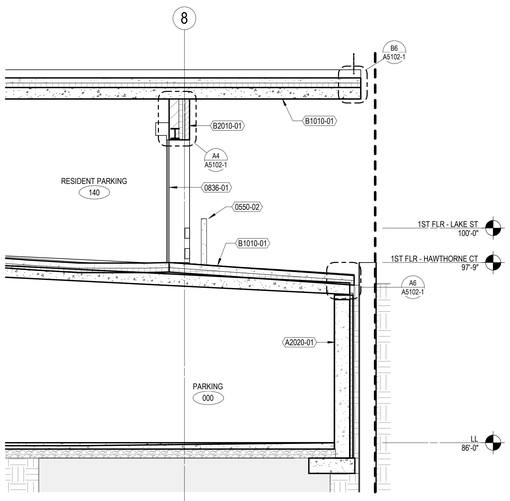
KEYNOTES PER SHEET

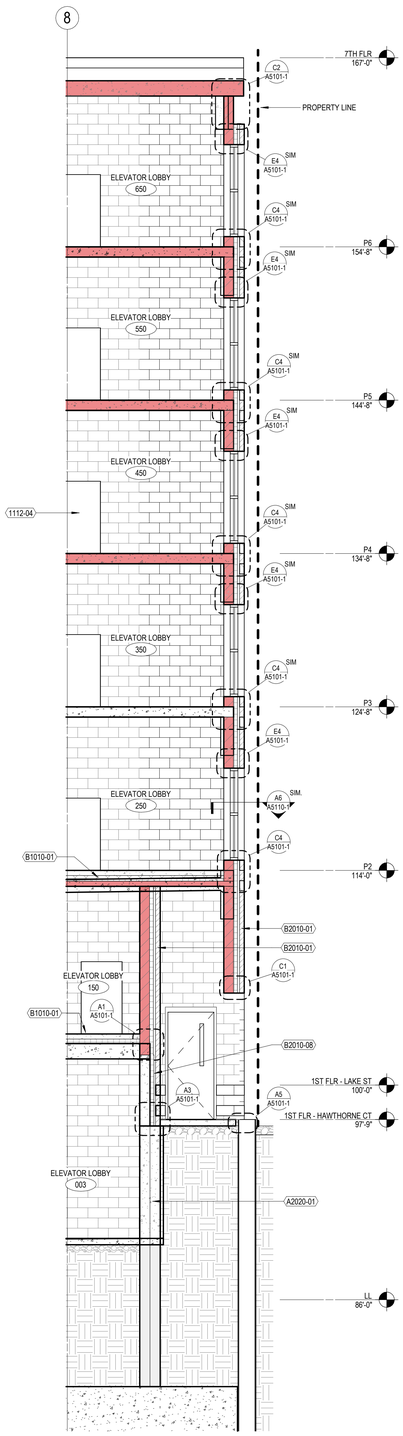
0105	VEHICLE CABLE BARRIER. REFER TO STRUCTURAL.
0420-11	CONCRETE MASONRY UNITS - ACCENT COLOR
0550-02	BOLLARD
0836-01	INSULATED HIGH SPEED OVERHEAD DOOR
0836-02	INSULATED OVERHEAD SECTIONAL DOOR
1112-04	WALK-UP PAY STATION, OWNER FURNISHED, CONTRACTOR INSTALLED
A2020-01	INSULATION WITH WATERPROOFING ON FOUNDATION WALL - SEE BUILDING ASSEMBLIES ON SHEET A0000-1
B1010-01	SPLIT SLAB TYPICAL - INSULATION AND TOPPING SLAB ON POST-TENSIONED CONCRETE SLAB - SEE BUILDING ASSEMBLIES SHEET
B1010-02	SPLIT SLAB AT BUS LANE SIDEWALK - INSULATION AND TOPPING SLAB ON POST-TENSIONED CONCRETE SLAB - SEE BUILDING ASSEMBLIES SHEET
B2010-00A	SINGLE WYTHE DECORATIVE CMU WALL W/ INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET
B2010-00B	SINGLE WYTHE DECORATIVE CMU WALL W/ NON-INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET
B2010-01	MASONRY VENEER ON CMU BACKUP WALL (INSUL) - SEE BUILDING ASSEMBLIES SHEET
B2010-08	BRICK VENEER ON CMU BACKUP WALL - SEE BUILDING ASSEMBLIES SHEET



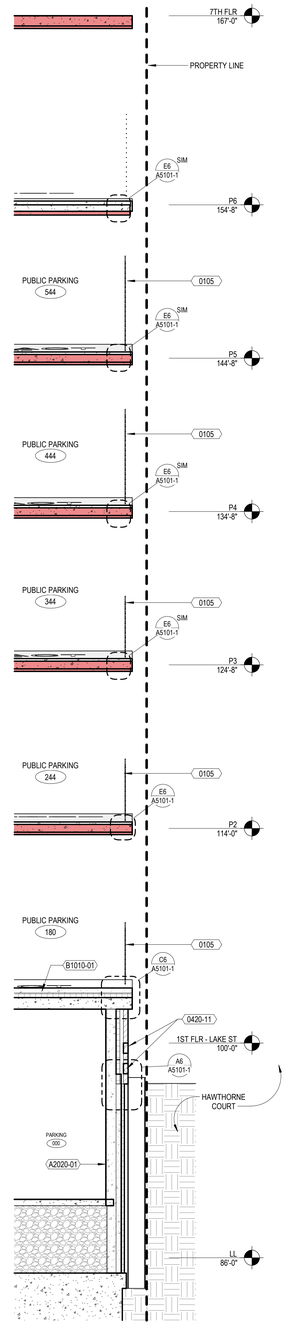
C1 EAST WALL 4
1/4" = 1'-0"



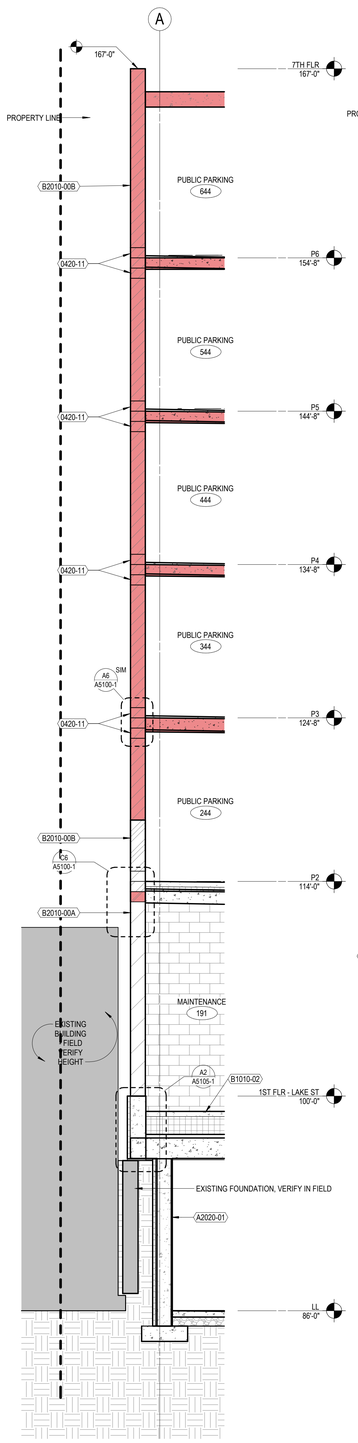
A1 EAST WALL 2
1/4" = 1'-0"



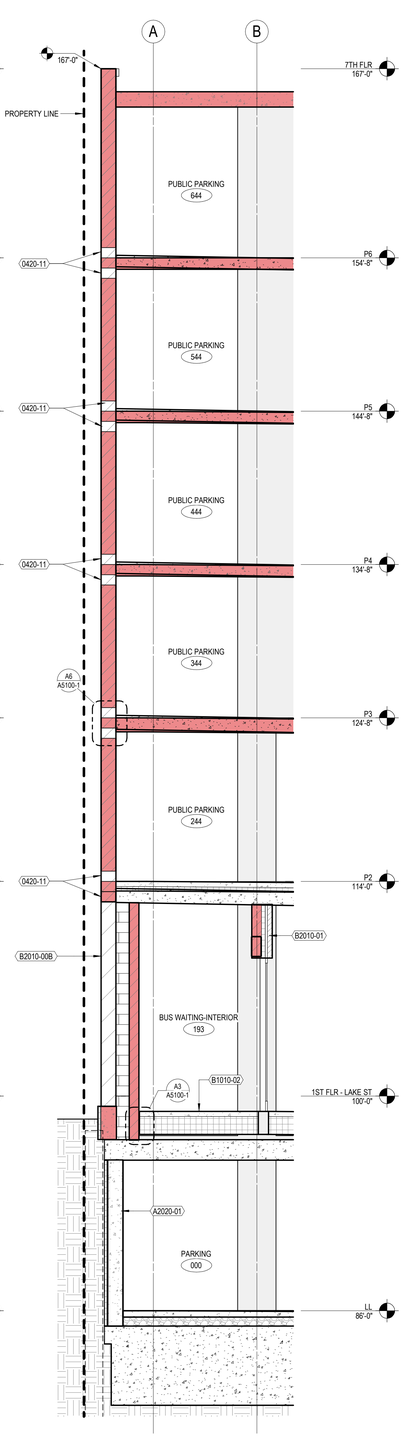
A3 EAST WALL1
1/4" = 1'-0"



A4 EAST WALL
1/4" = 1'-0"



A5 NORTH WALL POST OFFICE 2
1/4" = 1'-0"



A7 NORTH WALL @ PROPERTY LINE
1/4" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

WALL SECTIONS - PHASE 1

A3100-1

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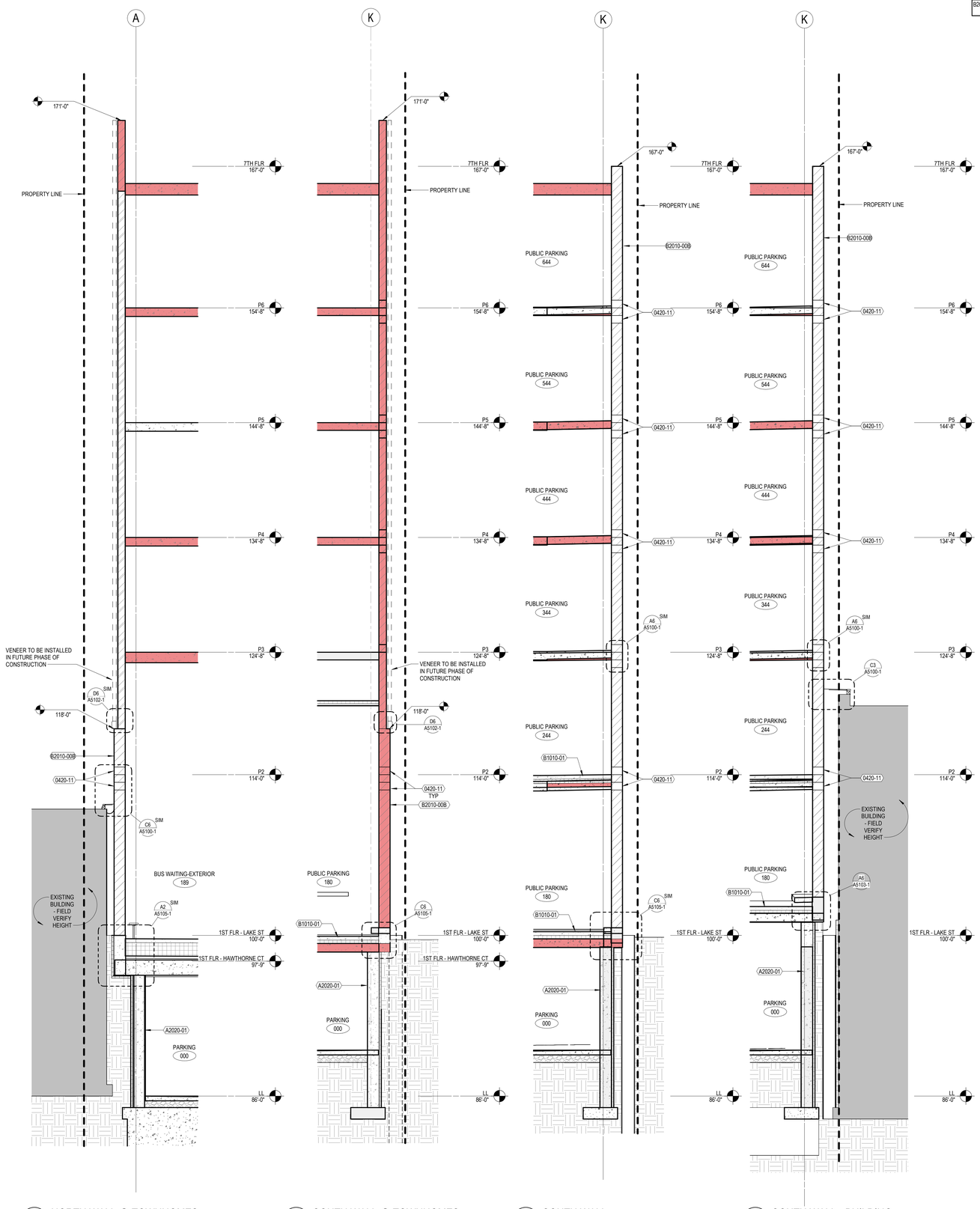
KEYNOTES PER SHEET

0420-11	CONCRETE MASONRY UNITS - ACCENT COLOR
A2020-01	INSULATION WITH WATERPROOFING ON FOUNDATION WALL - SEE BUILDING ASSEMBLIES ON SHEET A0000-1
B1010-01	SPLIT SLAB TYPICAL - INSULATION AND TOPPING SLAB ON POST-TENSIONED CONCRETE SLAB - SEE BUILDING ASSEMBLIES SHEET
B2010-00B	SINGLE WYTHE DECORATIVE CMU WALL W/ NON-INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET



A3 NORTH WALL @ TOWNHOMES
1/4" = 1'-0"

A4 SOUTH WALL @ TOWNHOMES
1/4" = 1'-0"

A5 SOUTH WALL
1/4" = 1'-0"

A6 SOUTH WALL - BUILDING
1/4" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

WALL SECTIONS - PHASE 1

A3101-1

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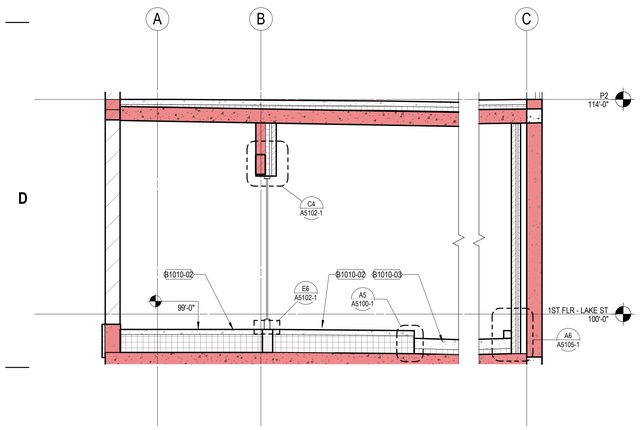
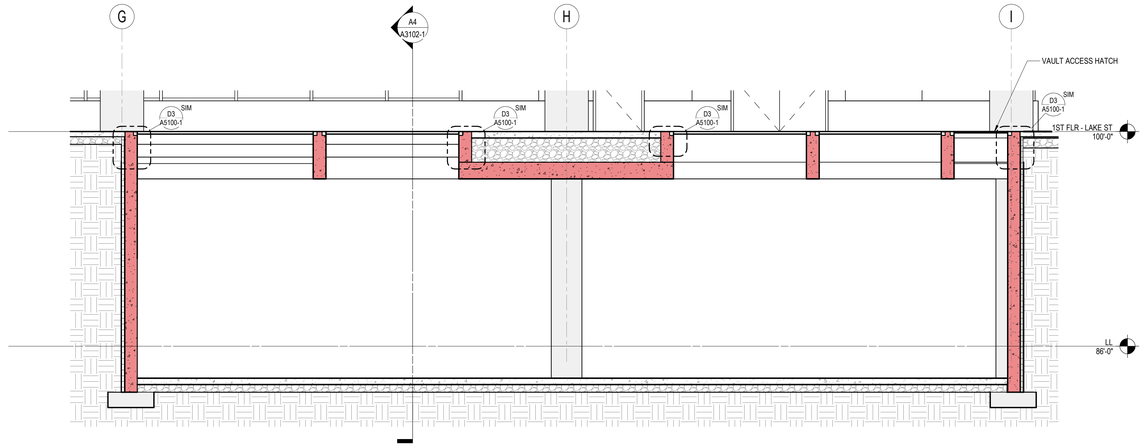
KEYNOTES PER SHEET

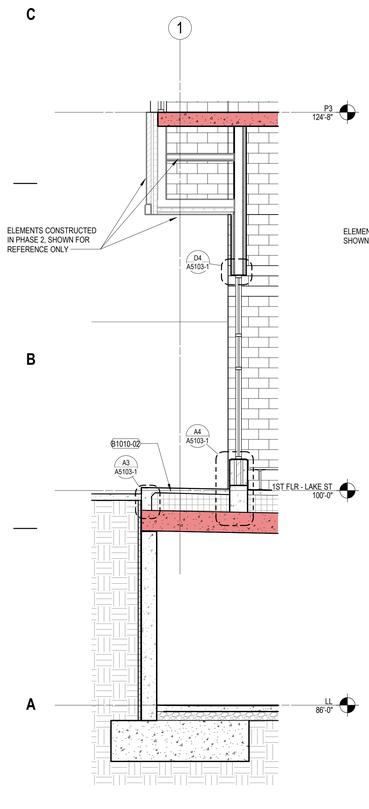
B1010-01	SPLIT SLAB TYPICAL - INSULATION AND TOPPING SLAB ON POST-TENSIONED CONCRETE SLAB - SEE BUILDING ASSEMBLIES SHEET
B1010-02	SPLIT SLAB AT BUS LANE SIDEWALK - INSULATION AND TOPPING SLAB ON POST-TENSIONED CONCRETE SLAB - SEE BUILDING ASSEMBLIES SHEET
B1010-03	SPLIT SLAB AT BUS DRIVE LANE - INSULATION AND TOPPING SLAB ON POST-TENSIONED CONCRETE SLAB - SEE BUILDING ASSEMBLIES SHEET
B1010-04	SPLIT SLAB AT SIDEWALK - INSULATION AND TOPPING SLAB ON POST-TENSION CONCRETE SLAB - SEE BUILDING ASSEMBLIES SHEET



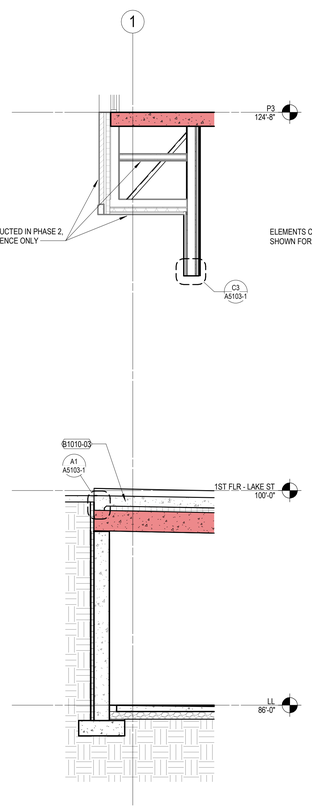
C2 NORTH-SOUTH SECTION @ BUS TERMINAL
1/4" = 1'-0"



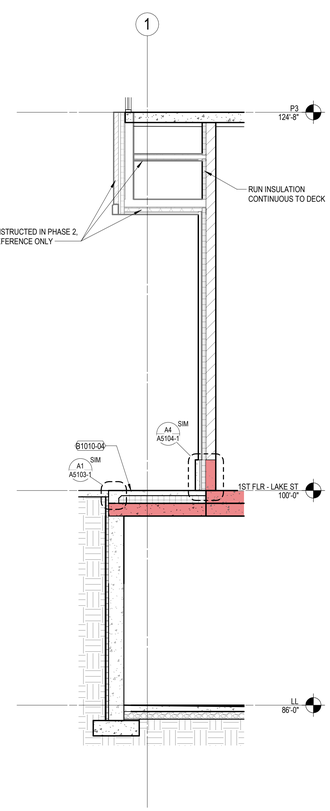
C3 NORTH-SOUTH SECTION @ ELEC VAULT
1/4" = 1'-0"



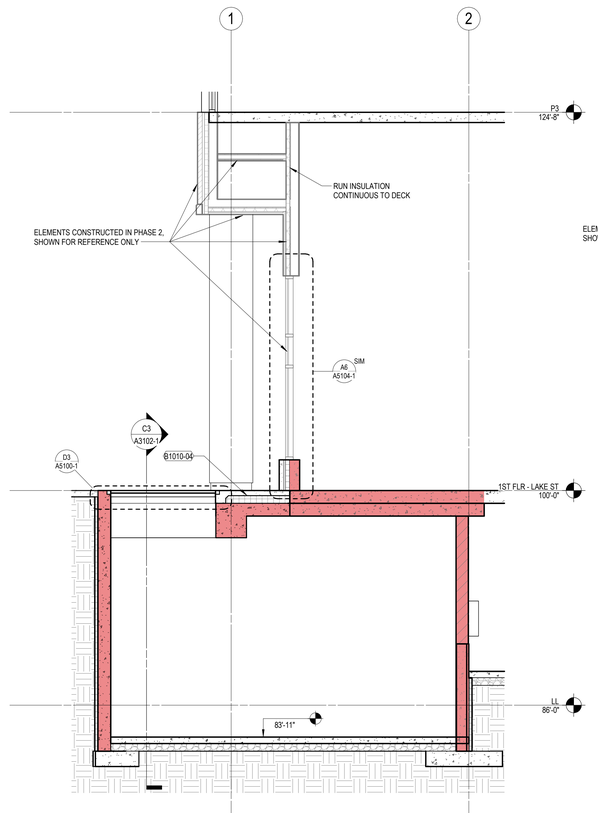
A1 WEST WALL @ BUS TERMINAL STOREFRONT
1/4" = 1'-0"



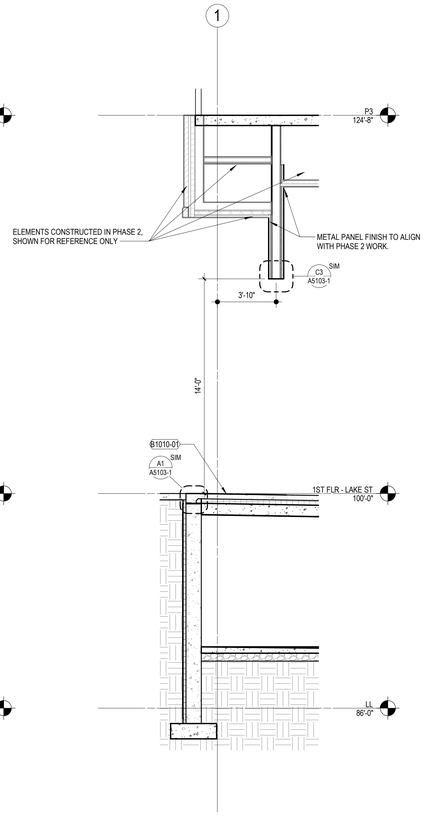
A2 WEST WALL @ BUS TERMINAL EXIT
1/4" = 1'-0"



A3 WEST WALL BETWEEN GRID C/D
1/4" = 1'-0"



A4 WEST WALL @ ELEC VAULT
1/4" = 1'-0"



A6 WEST WALL @ PARKING RAMP
1/4" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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05-05-2023	SCHEMATIC DESIGN PH1
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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

WALL SECTIONS - PHASE 1

A3102-1

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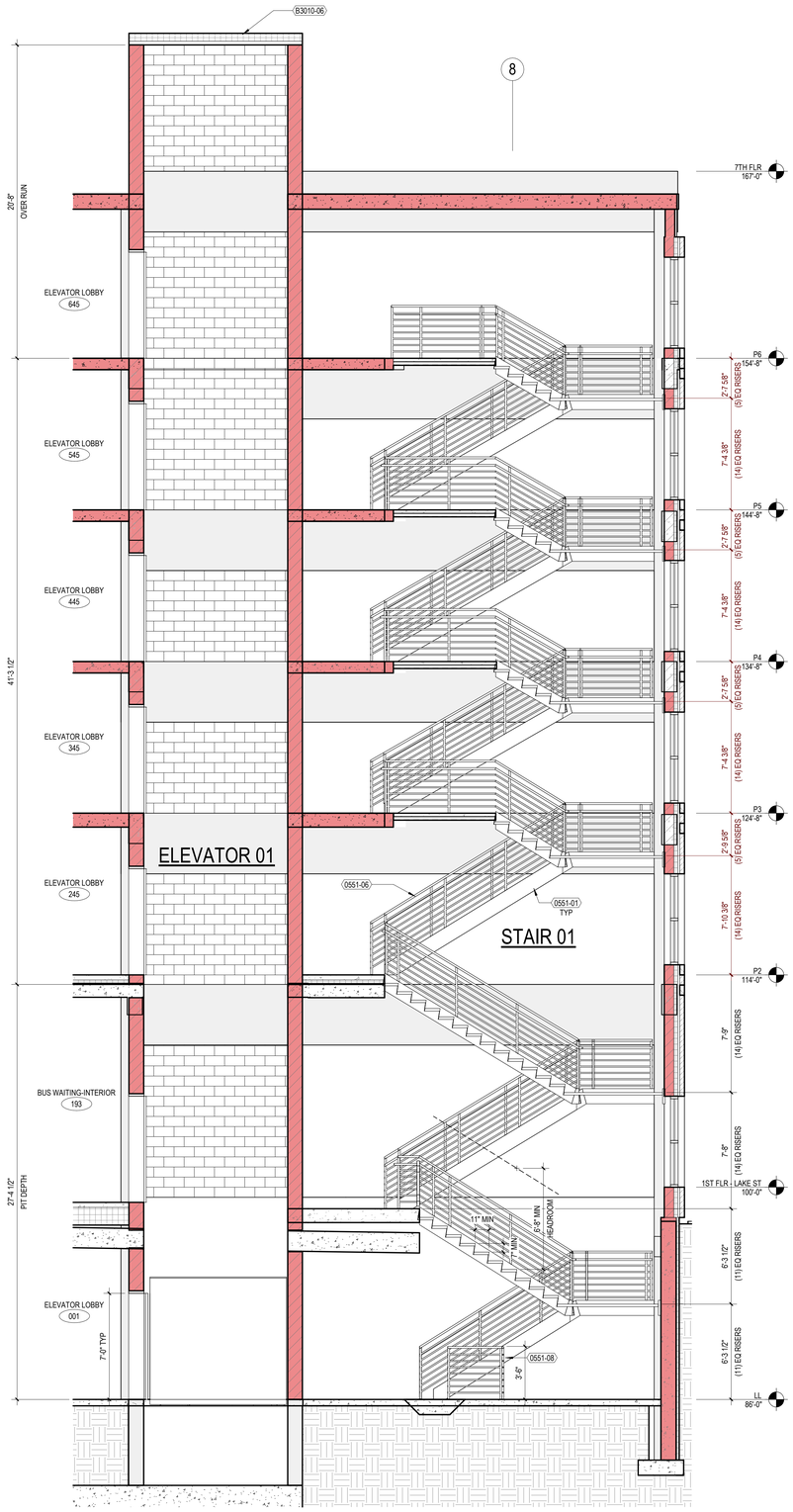
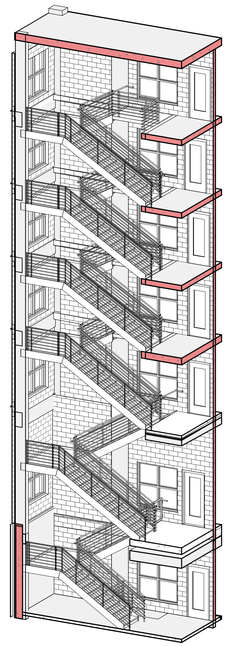
KEYNOTES PER SHEET

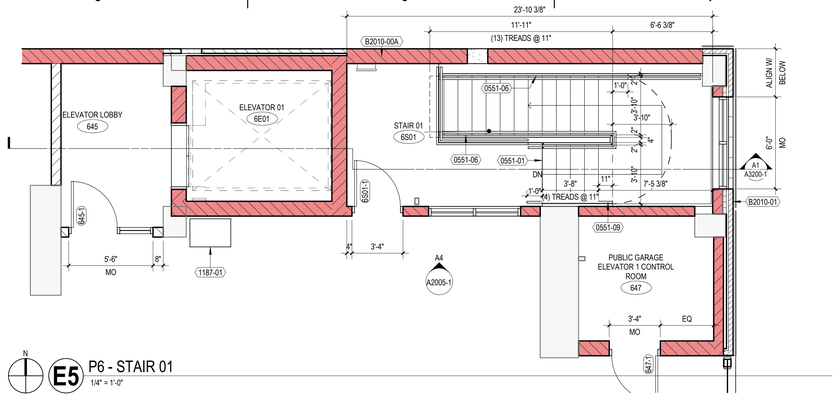
0551-01	METAL STAIRS WITH CONCRETE TREADS
0551-05	VERTICAL STEEL PIPE RAILING OR HORIZONTAL CABLE RAILING, TO BE DETERMINED - 3'-6" HEIGHT
0551-06	STEEL PIPE GUARDRAIL W/ HANDRAIL
0551-08	STEEL PIPE BARRIER RAIL
0551-09	STEEL PIPE HANDRAIL
1187-01	
2632-01	GENERATOR HOOKUP, SEE ELECTRICAL DRAWINGS
B2010-00A	SINGLE WYTHE DECORATIVE CMU WALL W/ INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET
B2010-01	MASONRY VENEER ON CMU BACKUP WALL (INSUL) - SEE BUILDING ASSEMBLIES SHEET
B2010-07A	SINGLE WYTHE STANDARD CMU WALL W/ INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET
B3010-06	FULLY ADHERED EPDM MEMBRANE ON TAPERED INSULATION OVER STEEL ROOF DECK - SEE BUILDING ASSEMBLIES SHEET



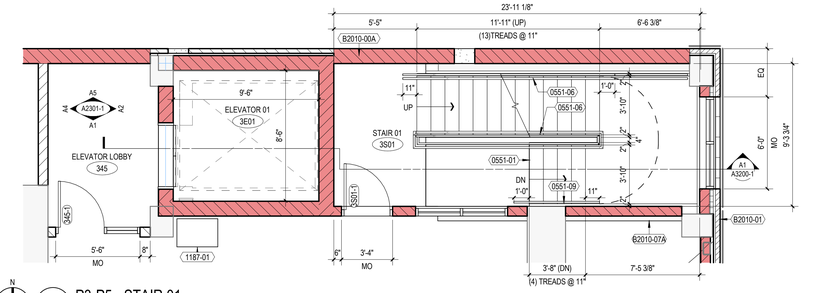
A1 STAIR/ELEVATOR 01
1/4" = 1'-0"



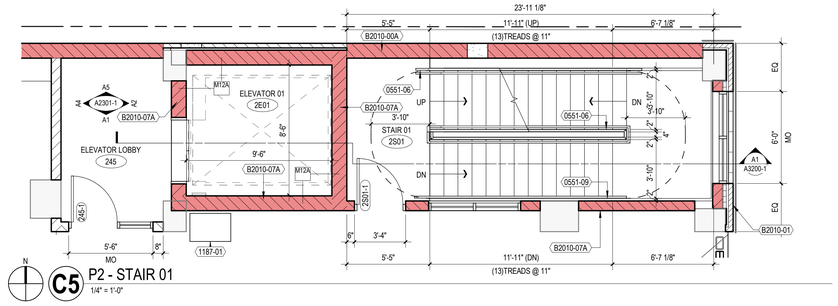
A4 STAIR 01
FOR REFERENCE ONLY



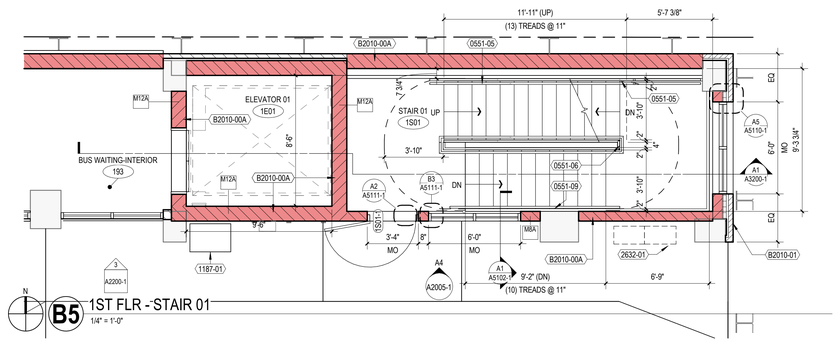
N E5 P6 - STAIR 01
1/4" = 1'-0"



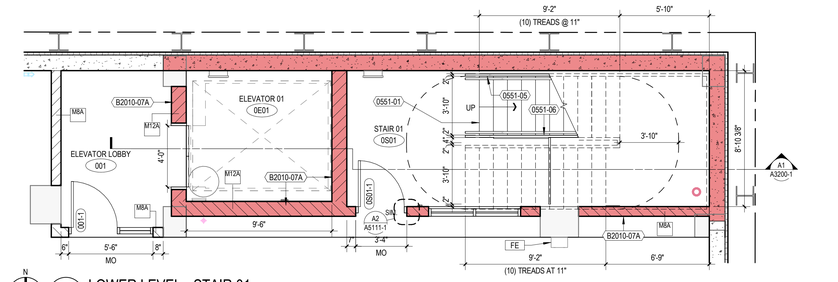
N D5 P3-P5 - STAIR 01
1/4" = 1'-0"



N C5 P2 - STAIR 01
1/4" = 1'-0"



N B5 1ST FLR - STAIR 01
1/4" = 1'-0"



N A5 LOWER LEVEL - STAIR 01
1/4" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1

A3200-1

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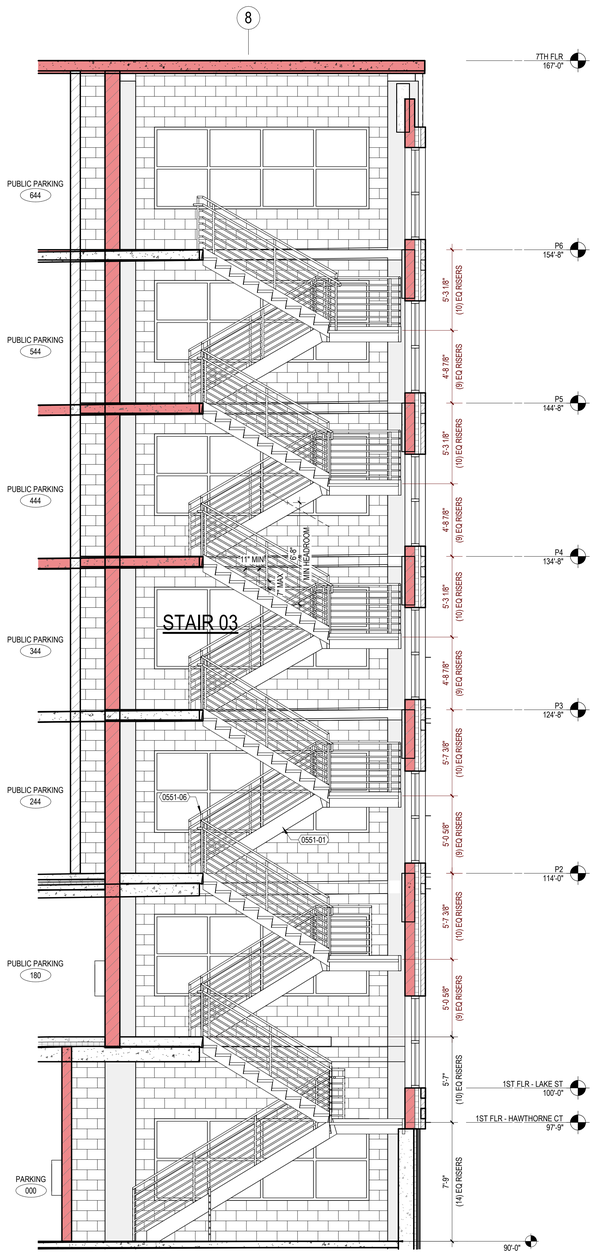
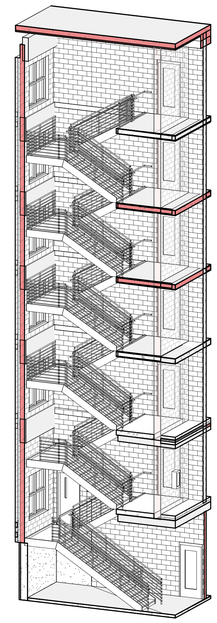
KEYNOTES PER SHEET

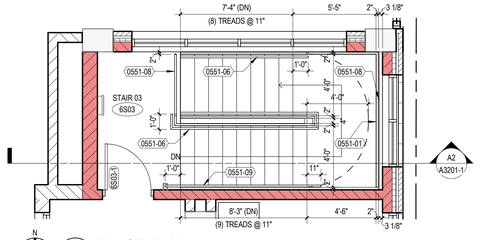
0550-07	BARRIER GATE
0551-01	METAL STAIRS WITH CONCRETE TREADS
0551-06	STEEL PIPE GUARDRAIL W/ HANDRAIL
0551-08	STEEL PIPE BARRIER RAIL
0551-09	STEEL PIPE HANDRAIL



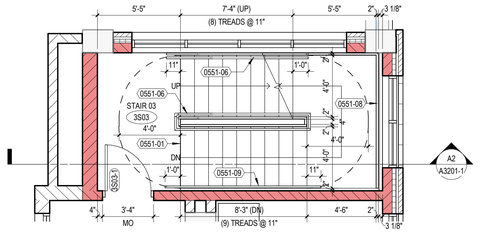
A2 STAIR 03
1/4" = 1'-0"



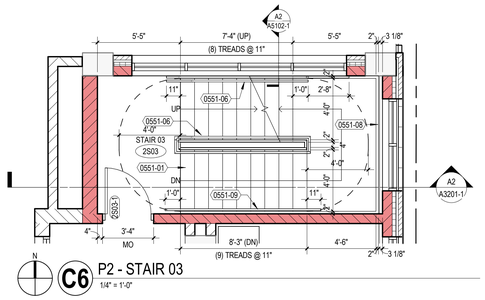
A4 STAIR 03
FOR REFERENCE ONLY



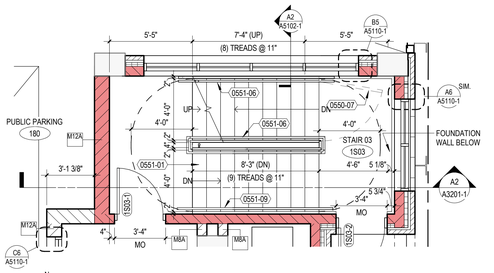
E6 P6 - STAIR 03
1/4" = 1'-0"



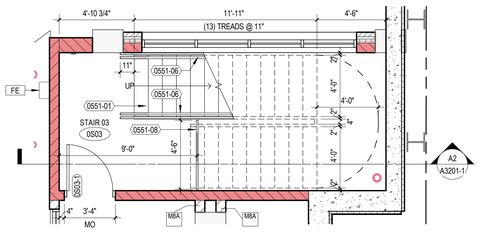
D6 P3-P5 - STAIR 03
1/4" = 1'-0"



C6 P2 - STAIR 03
1/4" = 1'-0"



B6 1ST FLR - STAIR 03
1/4" = 1'-0"



A6 LOWER LEVEL - STAIR 03
1/4" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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MADISON, WI 53715

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1

A3201-1

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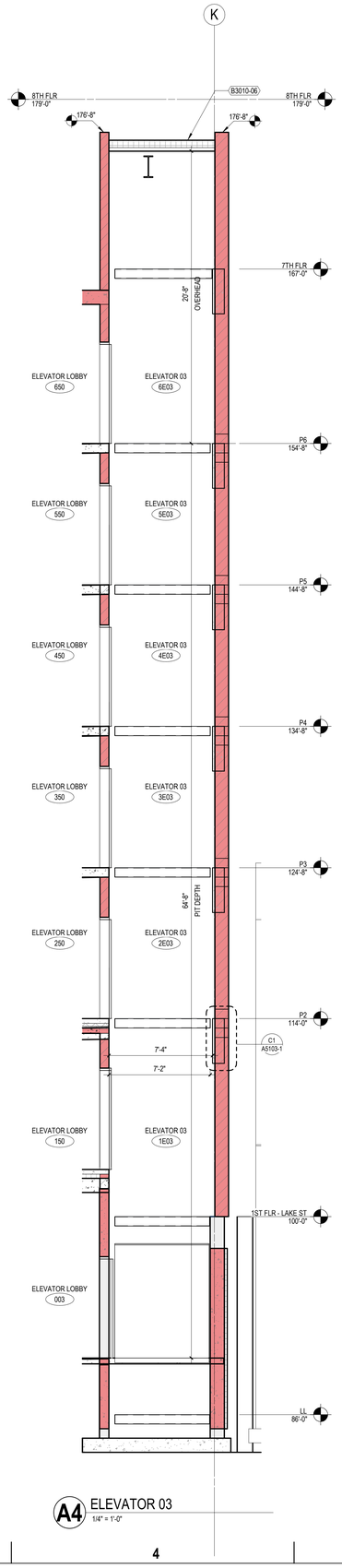
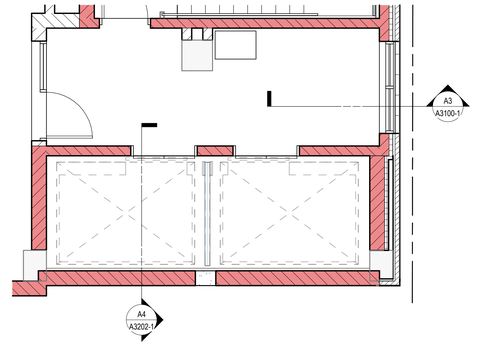
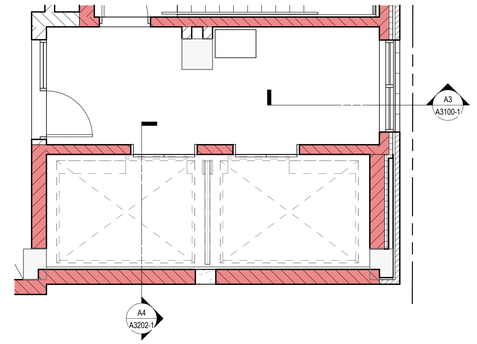


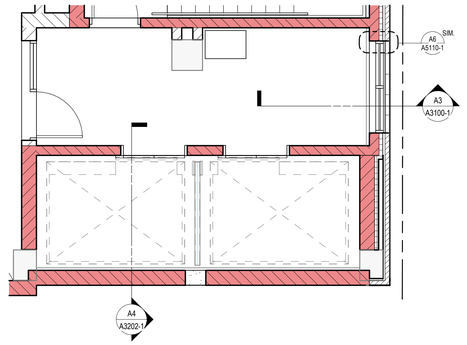
A4 ELEVATOR 03
1/4" = 1'-0"



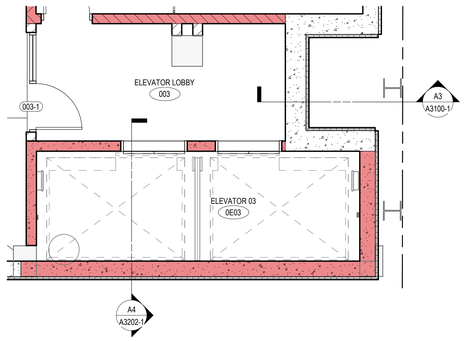
D6 P6 FLR - ELEVATOR 03
1/4" = 1'-0"



C6 P3 FLR - ZONE B - PHASE 1 - Callout 2
1/4" = 1'-0"



B6 P2 FLR - ELEVATOR 03
1/4" = 1'-0"



A6 LOWER LEVEL - ELEVATOR 03
1/4" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1

A3202-1

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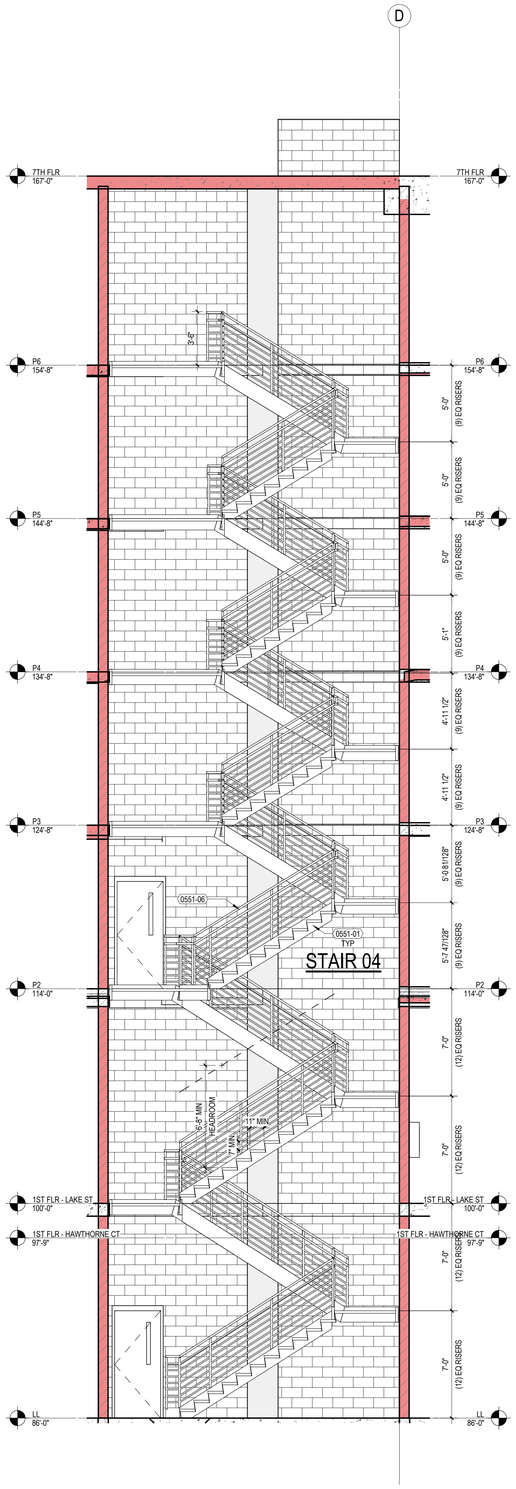
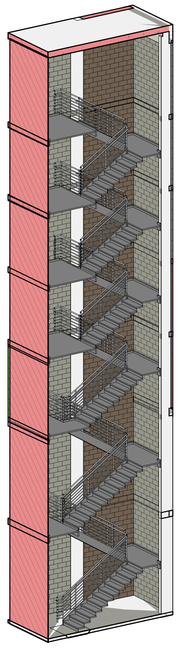
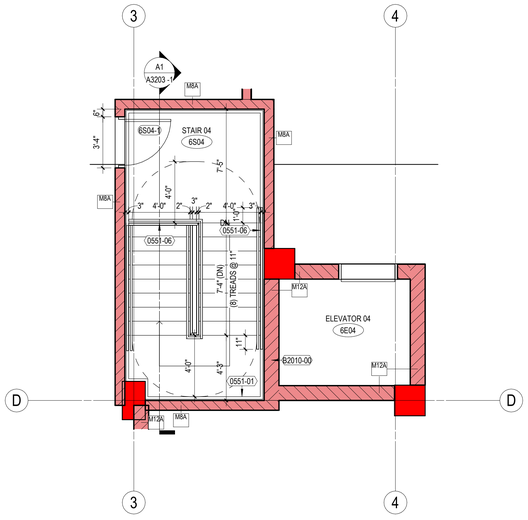


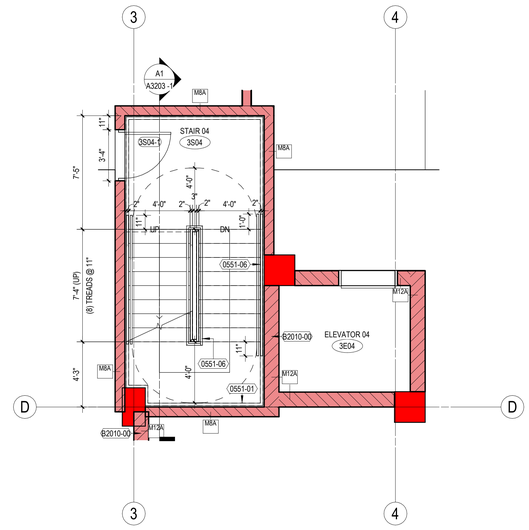
A1 STAIR 04- PHASE 1
1/4" = 1'-0"



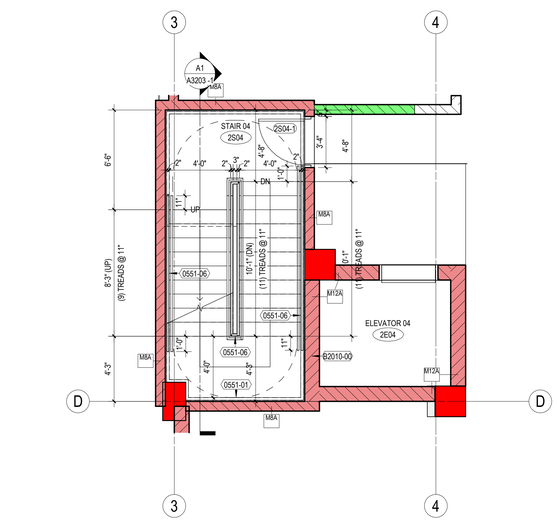
A3 STAIR 4



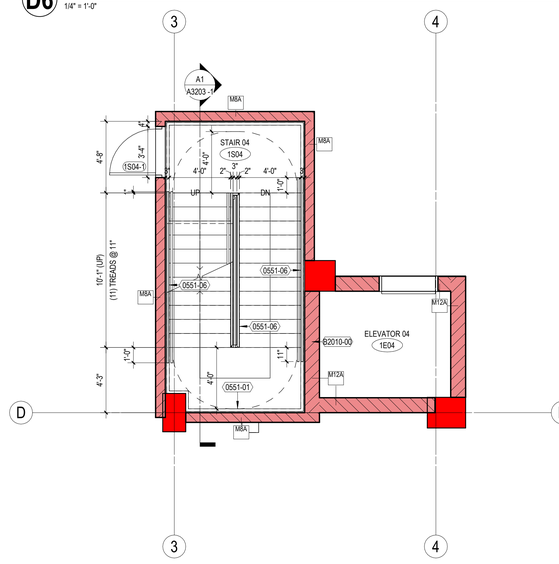
B4 P6 - STAIR 04
1/4" = 1'-0"



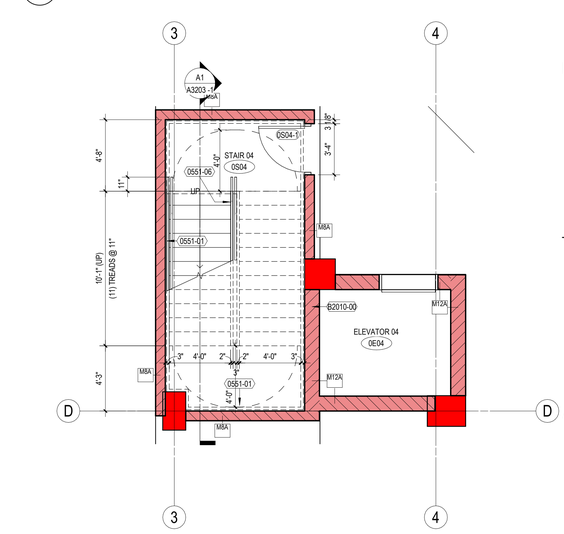
A4 P3-P5 - STAIR 04
1/4" = 1'-0"



D6 P2 - STAIR 04
1/4" = 1'-0"



B6 1ST FLR - STAIR 04
1/4" = 1'-0"



A6 LOWER LEVEL - STAIR 04
1/4" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1

A3203 -1

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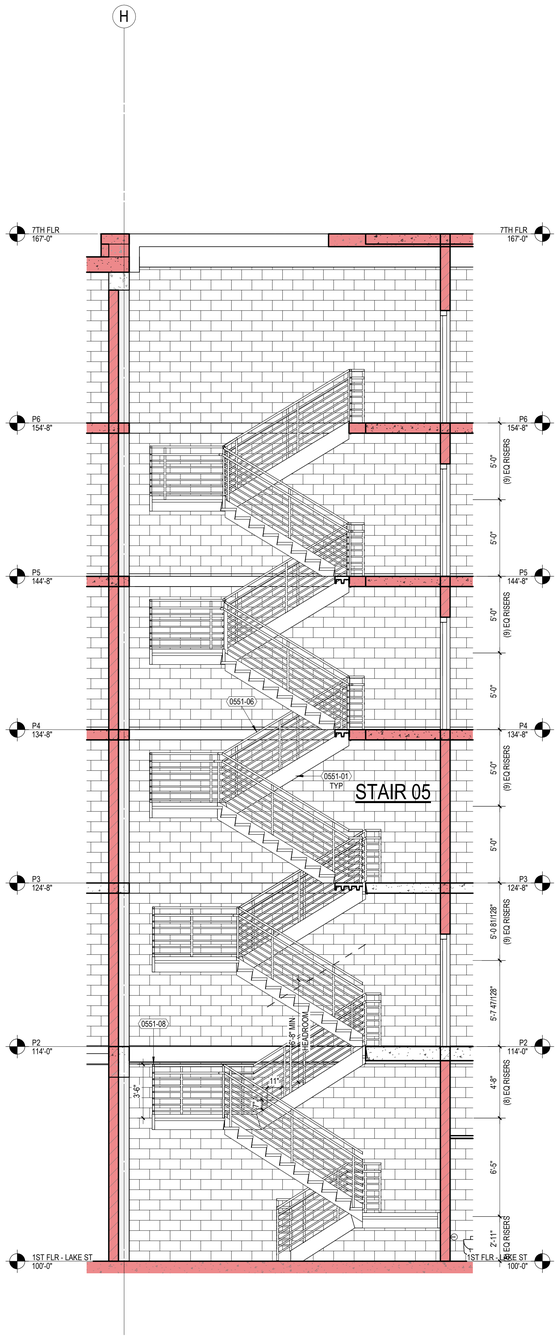
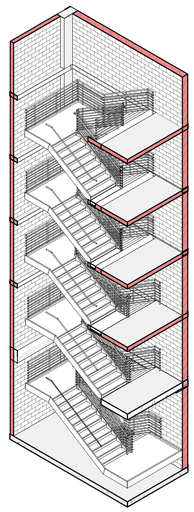
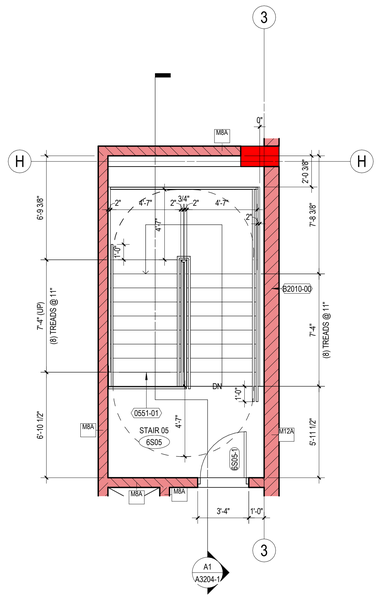
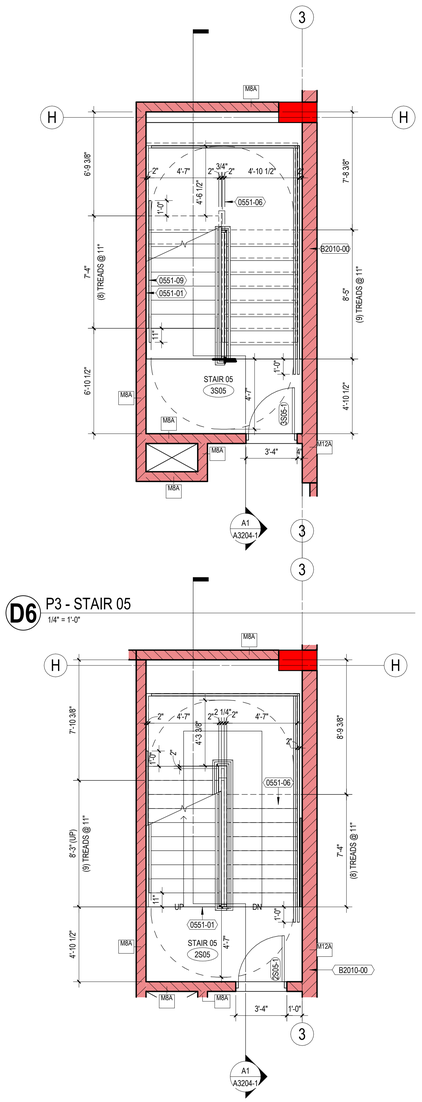




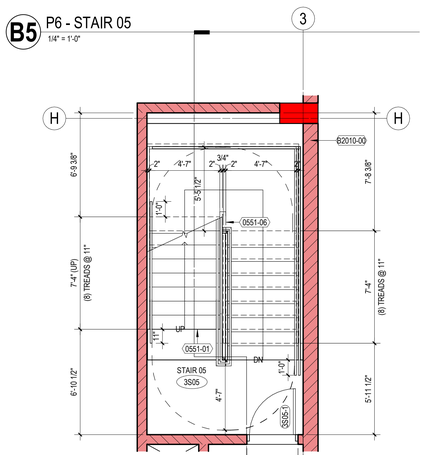


A3 STAIR 5
1/4" = 1'-0"



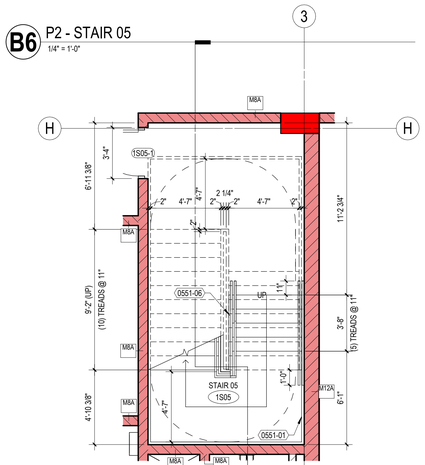
D6 P3 - STAIR 05
1/4" = 1'-0"

B5 P6 - STAIR 05
1/4" = 1'-0"



A5 P4-P5 - STAIR 05
1/4" = 1'-0"

B6 P2 - STAIR 05
1/4" = 1'-0"



A6 1ST FLR - STAIR 5
1/4" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

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SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1

A3204-1

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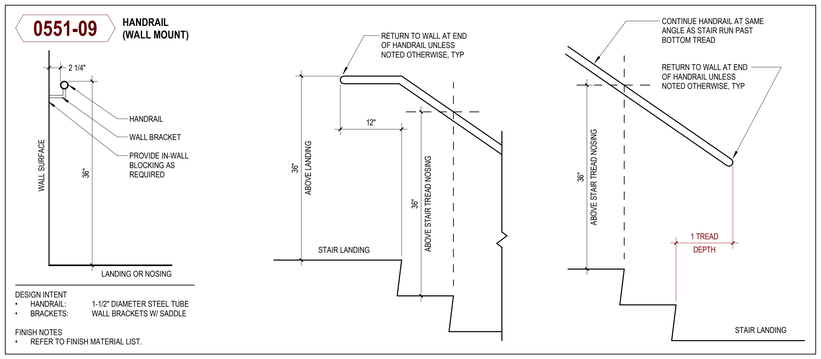
0551-09 **HANDRAIL (WALL MOUNT)**



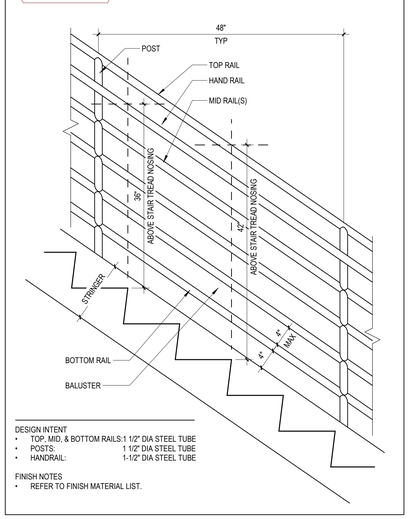
DESIGN INTENT
- HANDRAIL: 1-1/2" DIAMETER STEEL TUBE
- BRACKETS: WALL BRACKETS W/ SADDLE

FINISH NOTES
- REFER TO FINISH MATERIAL LIST.

HANDRAIL MOUNTING

1" = 1'-0"

0551-06 **GUARDRAIL CONSTRUCTION - STAIRS**



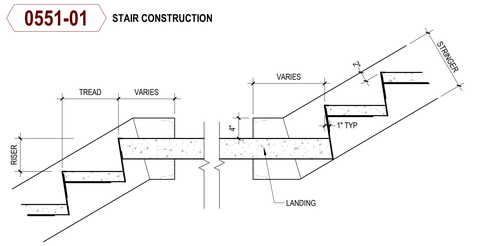
DESIGN INTENT
- TOP, MID, & BOTTOM RAILS: 1 1/2" DIA STEEL TUBE
- POSTS: 1 1/2" DIA STEEL TUBE
- HANDRAIL: 1-1/2" DIA STEEL TUBE

FINISH NOTES
- REFER TO FINISH MATERIAL LIST.

GUARDRAIL CONSTRUCTION - STAIRS

1" = 1'-0"

0551-01 **STAIR CONSTRUCTION**



DESIGN INTENT
- TREADS AND LANDINGS: CONCRETE FILLED METAL PAN
- RISERS: SOLID, STEEL
- STRINGERS: C12 STEEL

FINISH NOTES
- REFER TO FINISH MATERIAL LIST.

STAIR CONSTRUCTION

1" = 1'-0"

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PROJECT INFORMATION

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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

RAILING TYPES AND DETAILS

A3210-1

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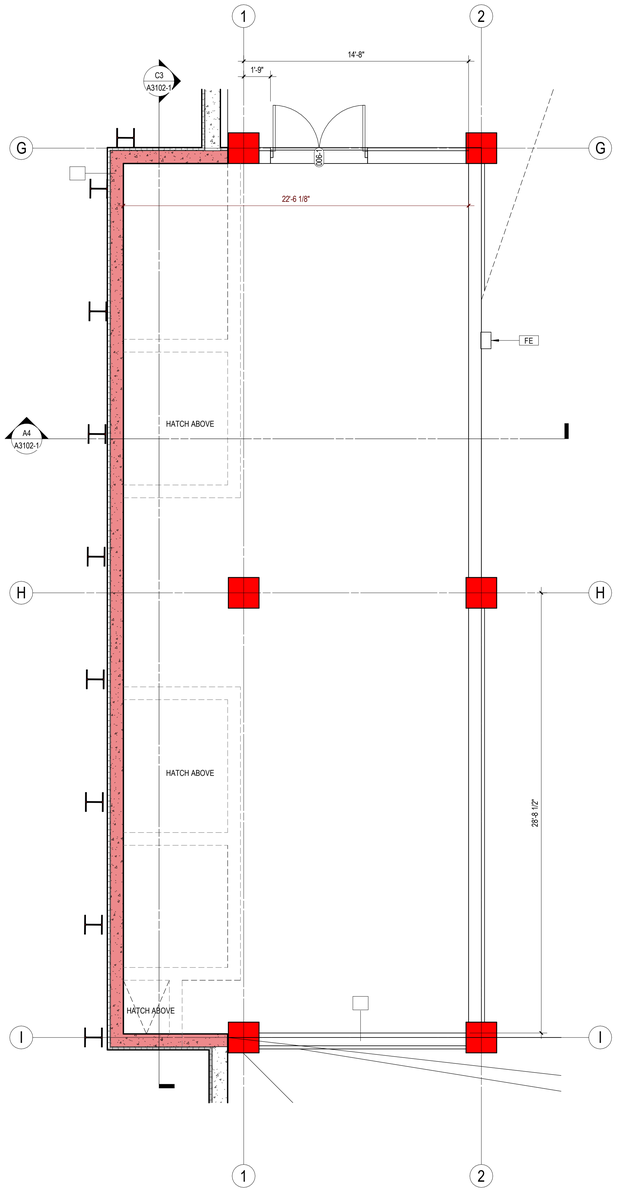
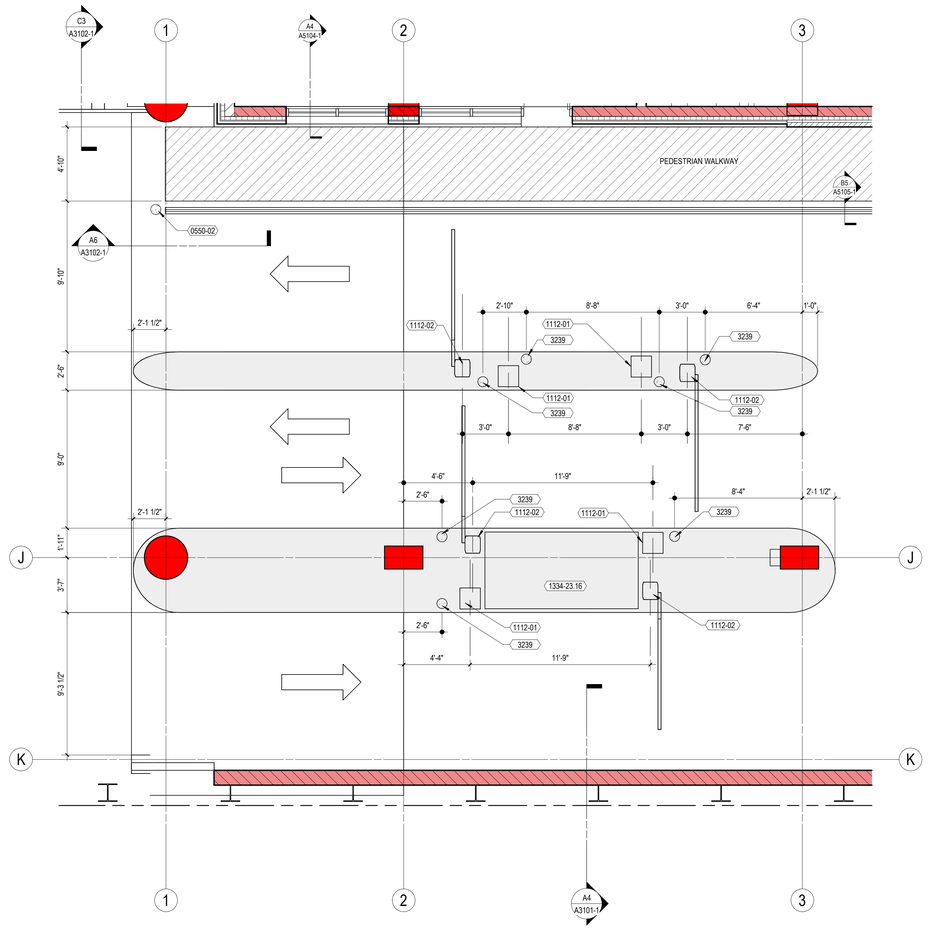
KEYNOTES PER SHEET

0550-02	BOLLARD
1112-01	ENTRANCE/EXIT STATION, OWNER FURNISHED, CONTRACTOR INSTALLED
1112-02	ENTRANCE/EXIT GATE , OWNER FURNISHED, CONTRACTOR INSTALLED
1334-23.16	PREFABRICATION PARKING ATTENDANT BOOTH
3239	MANUFACTURED METAL BOLLARDS



A3 LOWER LEVEL - ENLARGED FLOOR PLANS - ELECTRIC VAULT
1/4" = 1'-0"



A5 1ST FLR Phase 1 - PARKING ENTRANCE
1/4" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

ENLARGED FLOOR PLANS

A4001-1

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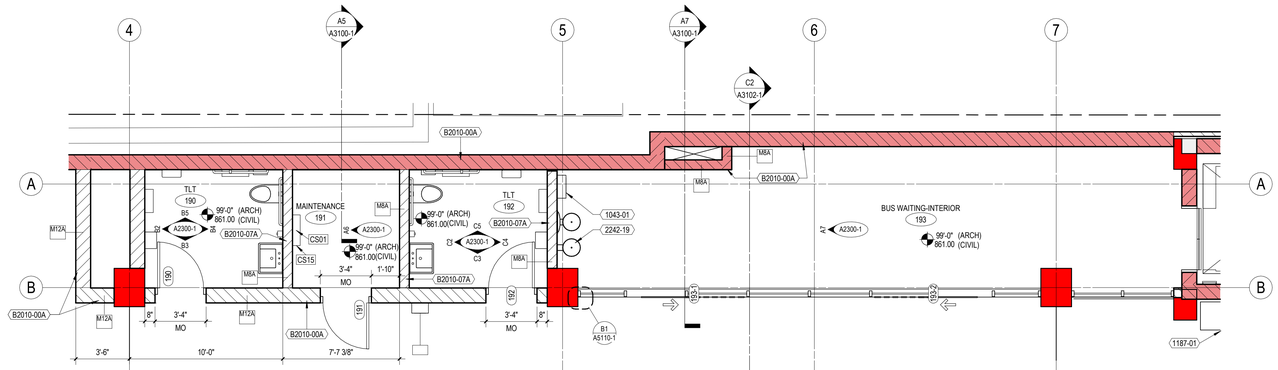
TOILET ROOM ACCESSORIES - PHASE 1

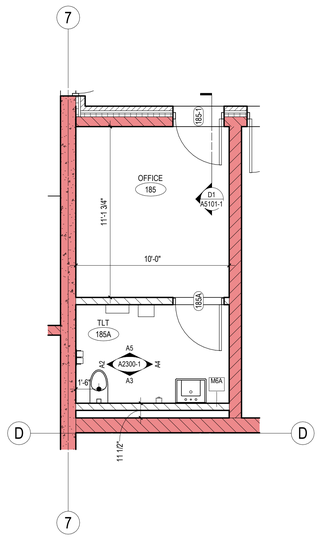
TAG	DESCRIPTION	LENGTH	MANUFACTURER	MODEL	REMARKS
CS01	MOP AND BROOM HOLDER				
CS15	UTILITY SHELF				
GB02	GRAB BAR STRAIGHT	1'-6"			
GB05	GRAB BAR STRAIGHT	3'-0"			
GB06	GRAB BAR STRAIGHT	3'-6"			
HD01	HAND DRYER				
MD20	SOAP DISPENSER SURFACE				
MR06	MIRROR FRAMELESS				PUBLIC 24"W x 36"H
MR07	MIRROR FRAMELESS				PRIVATE 24"W x 36"H
ND01	SURFACE MOUNT NAPKIN DISPOSAL				
PD10	ROLL PAPER TOWEL DISPENSER				
TP10	TOILET PAPER DISPENSER, DOUBLE SURFACE MOUNT				
TP31	JUMBO DOUBLE ROLL TOILET PAPER DISPENSER				
WR11	WASTE RECEPTACLE				

KEYNOTES PER SHEET

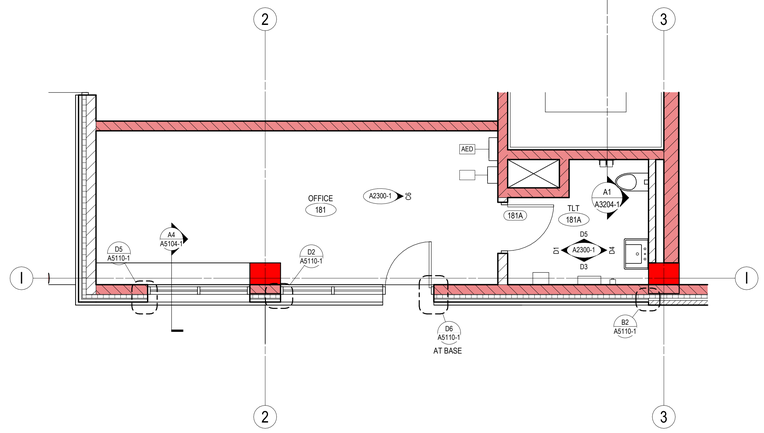
0101	ALIGN
1043-01	AUTOMATED EXTERNAL DEFIBRILLATOR (AED) CABINET
1187-01	
2242-19	ADA COMPLIANT DRINKING FOUNTAINS - SEE PLUMBING DRAWINGS
B2010-00A	SINGLE WYTHE DECORATIVE CMU WALL W/ INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET
B2010-07A	SINGLE WYTHE STANDARD CMU WALL W/ INSULATED CORES - SEE BUILDING ASSEMBLIES SHEET



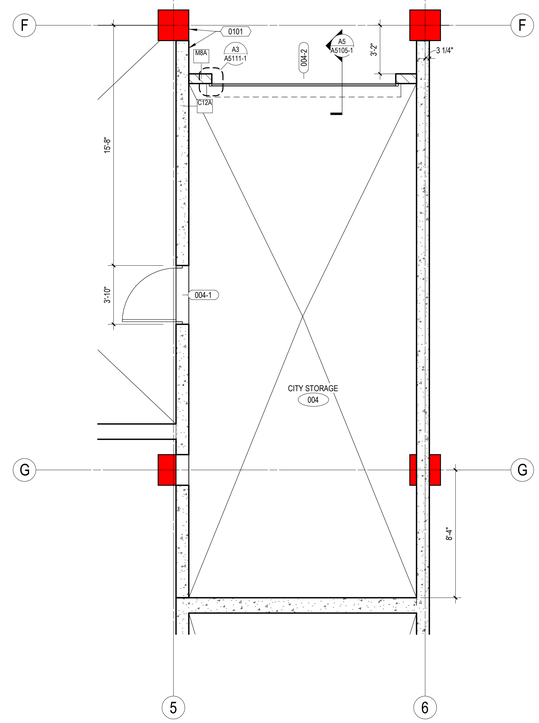
C1 1ST FLR Phase 1 - BUS WAITING INTERIOR AND TLT
1/4" = 1'-0"



A2 1ST FLR PHASE 1 - BUS TERMINAL OFFICE AND TLT
1/4" = 1'-0"



A3 1ST FLR PHASE 1 -PARKING ENTRANCE CITY OFFICE AND TLT
1/4" = 1'-0"



A6 LOWER LEVEL - ENLARGED FLOOR PLANS -CITY STORAGE
1/4" = 1'-0"

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PROJECT INFORMATION

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MADISON, WI 53715

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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

ENLARGED FLOOR PLANS

A4002-1

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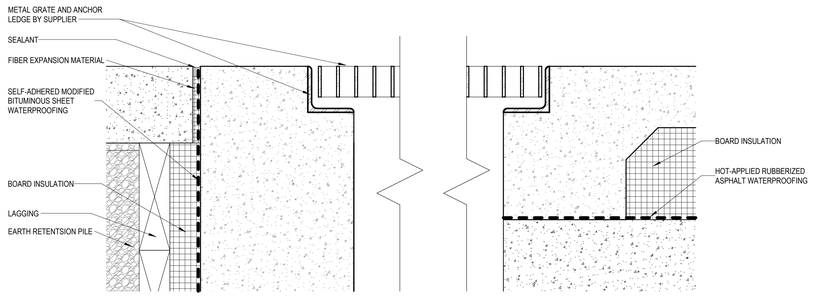
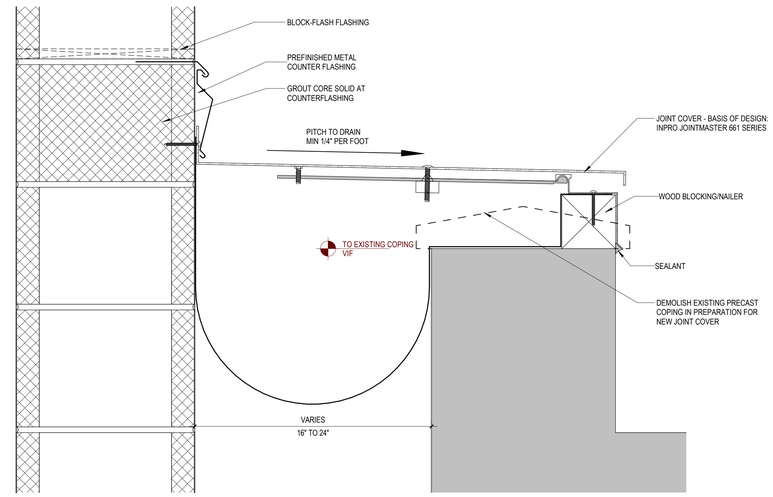
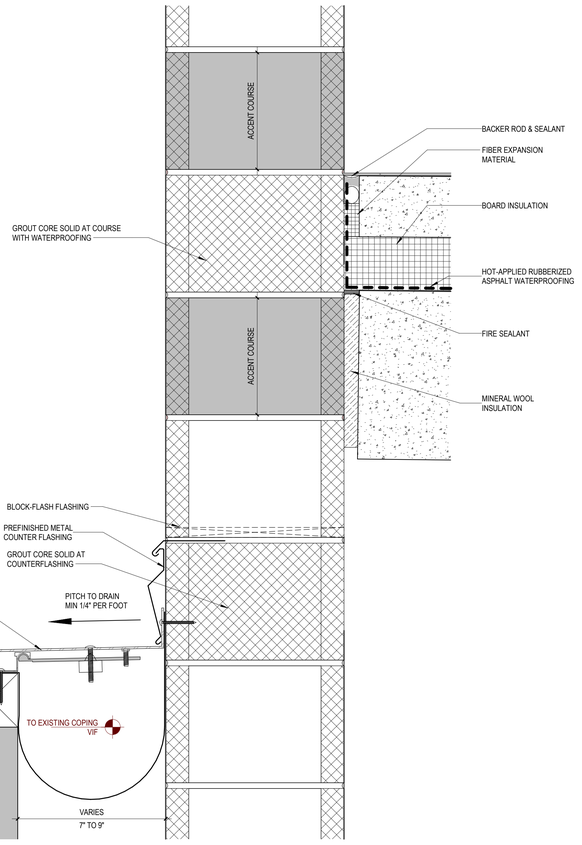


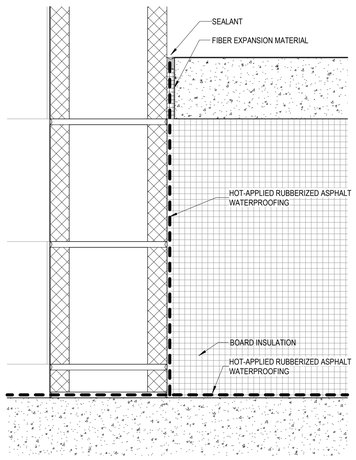
D3 ELECTRICAL VAULT GRATE
3" = 1'-0"



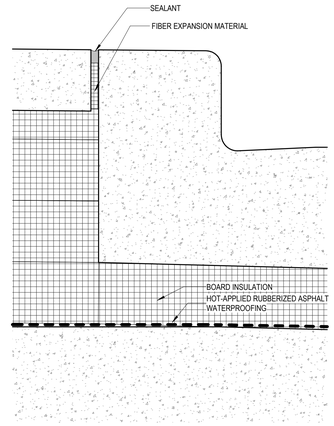
C3 SOUTH WALL @ EXISTING COPING
3" = 1'-0"



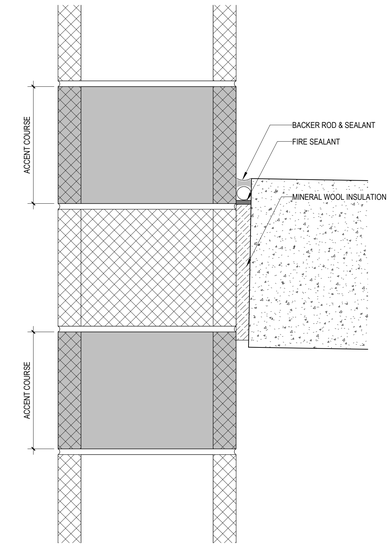
C6 NORTH WALL @ EXISTING COPING, FLASHING
3" = 1'-0"



A3 BASE OF NORTH WALL @ SPLIT SLAB
3" = 1'-0"



A5 BUS TERMINAL @ CURB, TYP
3" = 1'-0"



A6 NORTH WALL @ SINGLE WYTHE, FLOOR, TYP.
3" = 1'-0"

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SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR DETAILS - PHASE 1

A5100-1

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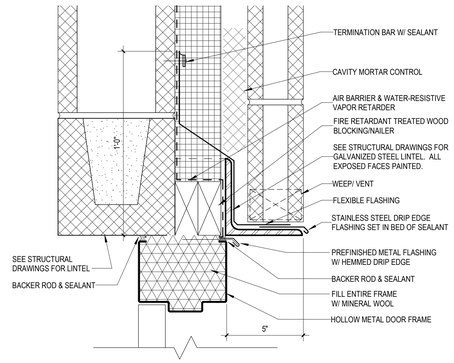
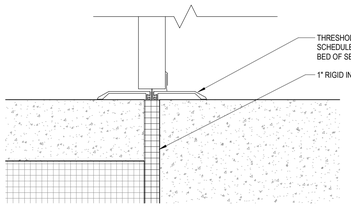
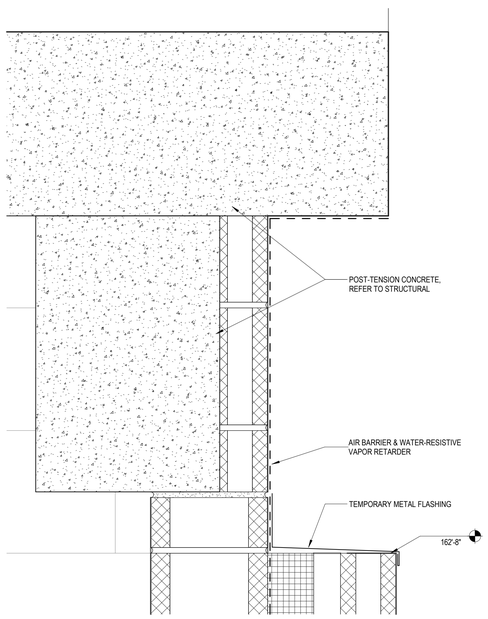


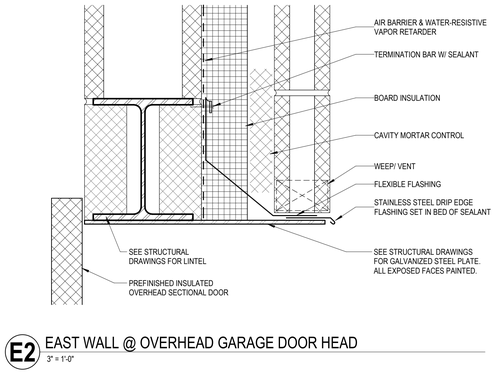


D1 HM DOOR FRAME HEAD & SILL @ MASONRY
3" = 1'-0"

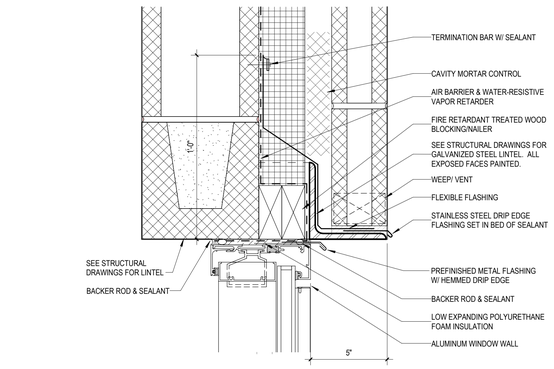
C1 EAST WALL @ MASONRY HEADER
3" = 1'-0"



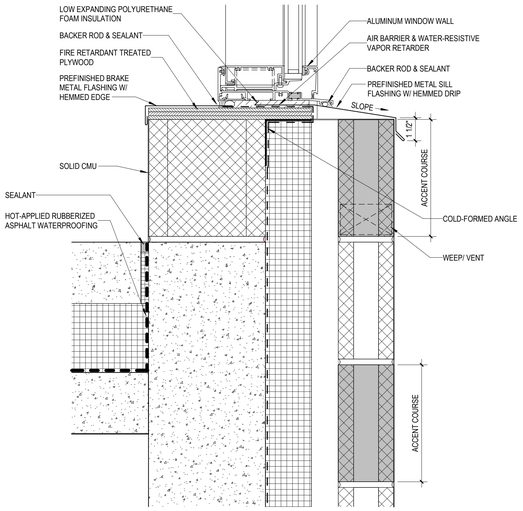
C2 EAST WALL @ T/O WALL AT 7TH
3" = 1'-0"



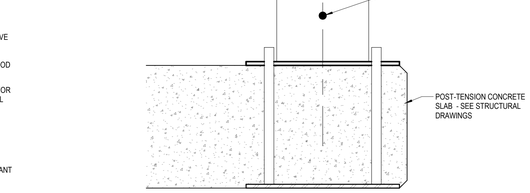
E2 EAST WALL @ OVERHEAD GARAGE DOOR HEAD
3" = 1'-0"



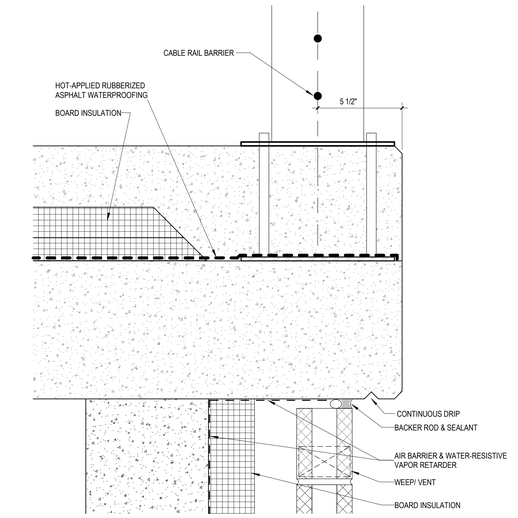
E4 WINDOW HEAD @ MASONRY
3" = 1'-0"



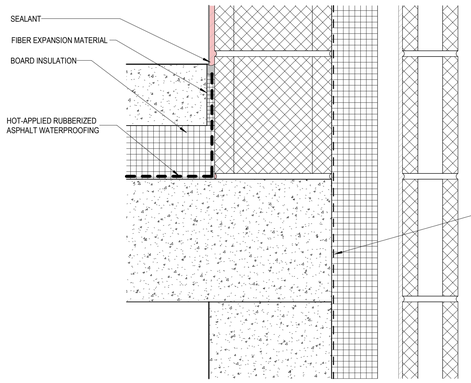
C4 EAST WALL @ FLOOR, WINDOW SILL
3" = 1'-0"



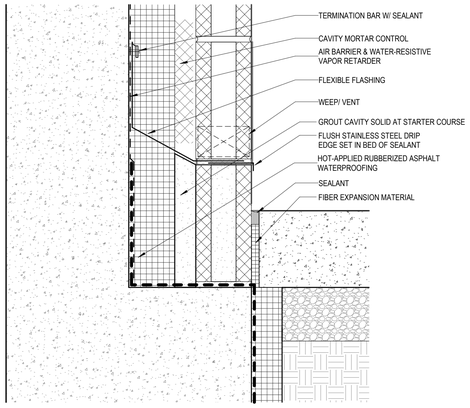
E6 EAST WALL @ VEHICLE BARRIER, TYP
3" = 1'-0"



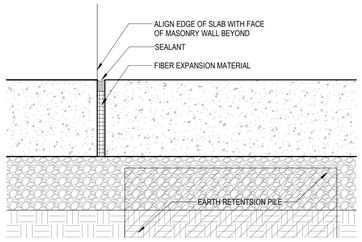
C6 EAST WALL @ VEHICLE BARRIER, MASONRY
3" = 1'-0"



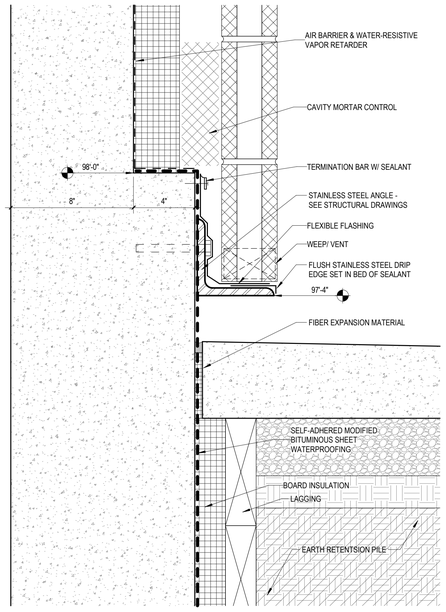
A1 STAIR 3 ALCOVE @ SPLIT SLAB
3" = 1'-0"



A3 BASE OF EAST WALL @ SLAB ON GRADE
3" = 1'-0"



A5 EAST WALL @ STAIR 3 ALLEY STOOP
3" = 1'-0"



A6 BASE OF EAST WALL @ HAWTHORNE CT
3" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR DETAILS - PHASE 1

A5101-1

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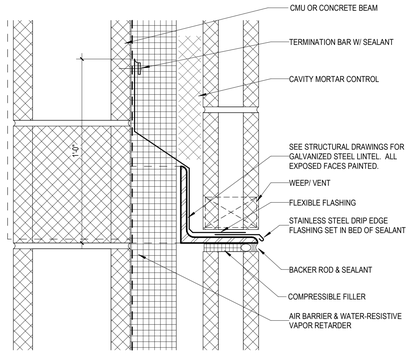
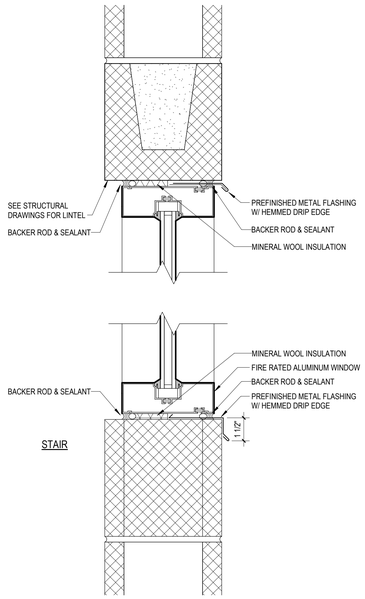
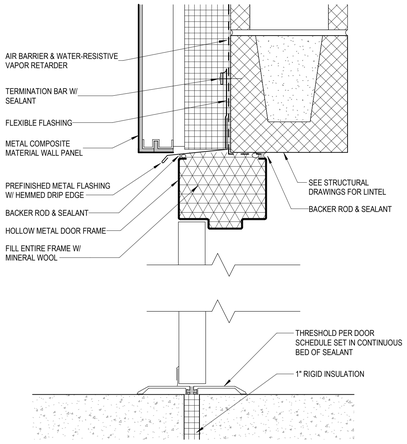


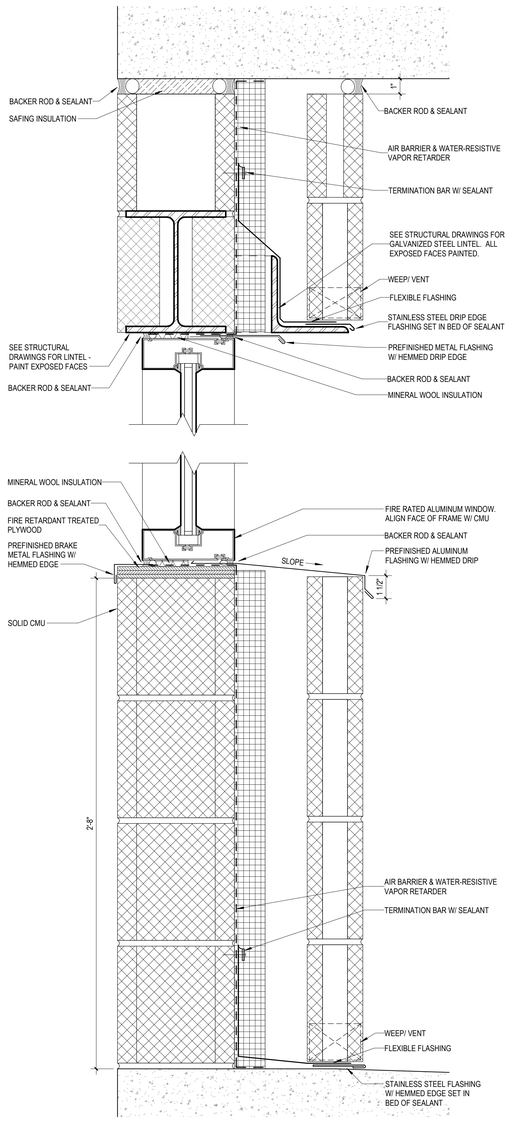
C1 LINTEL ANGLE @ CMU
3" = 1'-0"



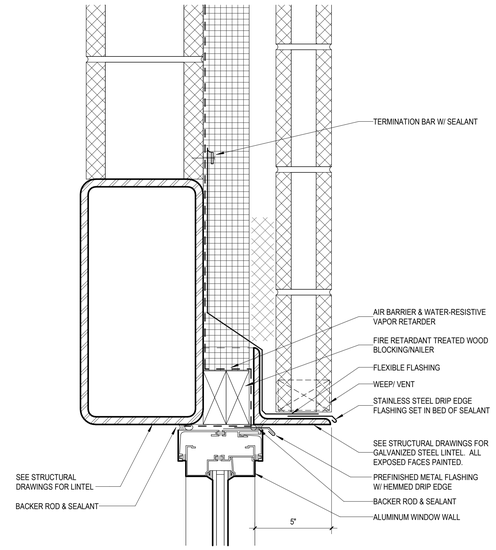
A1 FIRE RATED ALUMINUM WINDOW HEAD & SILL
3" = 1'-0"



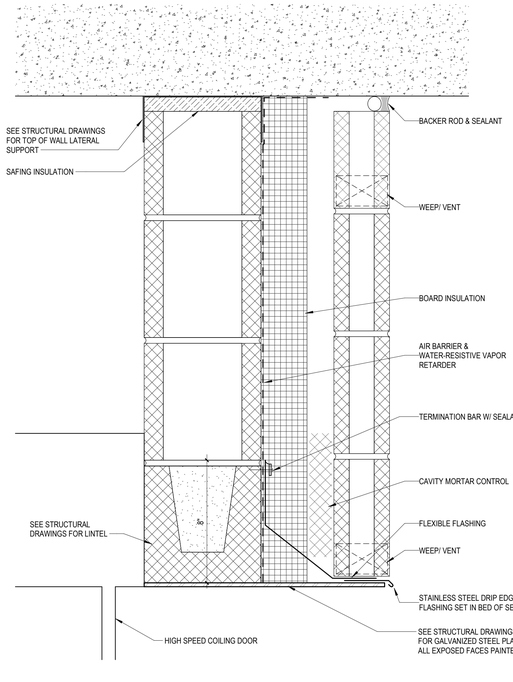
D2 HM DOOR FRAME HEAD @ METAL PANEL
3" = 1'-0"



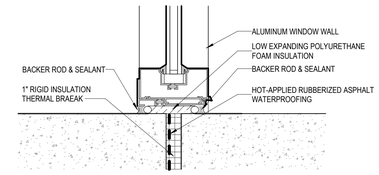
A2 FIRE RATED ALUMINUM WINDOW HEAD & SILL @ MASONRY
3" = 1'-0"



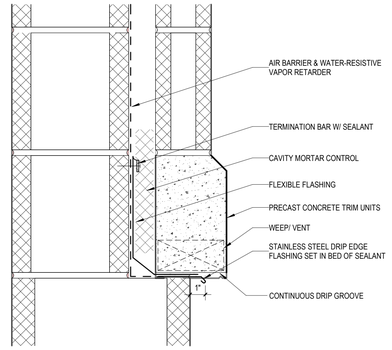
C4 STOREFRONT HEAD @ BUS TERMINAL
3" = 1'-0"



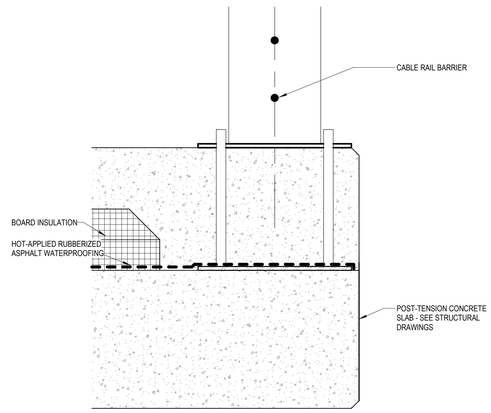
A4 EAST WALL @ COILING DOOR HEAD
3" = 1'-0"



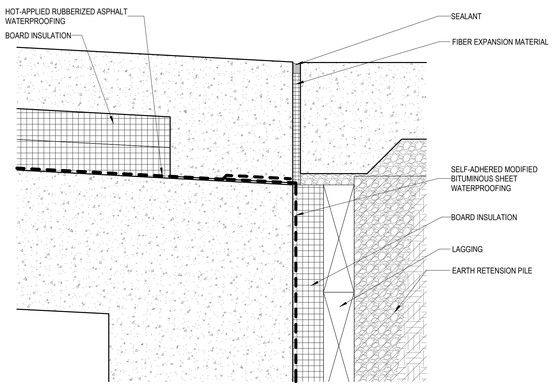
E6 STOREFRONT SILL @ BUS TERMINAL
3" = 1'-0"



D6 SOUTH WALL @ PRECAST TRIM
3" = 1'-0"



B6 EAST WALL @ SPLIT SLAB VEHICLE BARRIER
3" = 1'-0"



A6 EAST WALL @ GARAGE ENTRANCE
3" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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DATE	DESCRIPTION
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KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR DETAILS - PHASE 1

A5102-1

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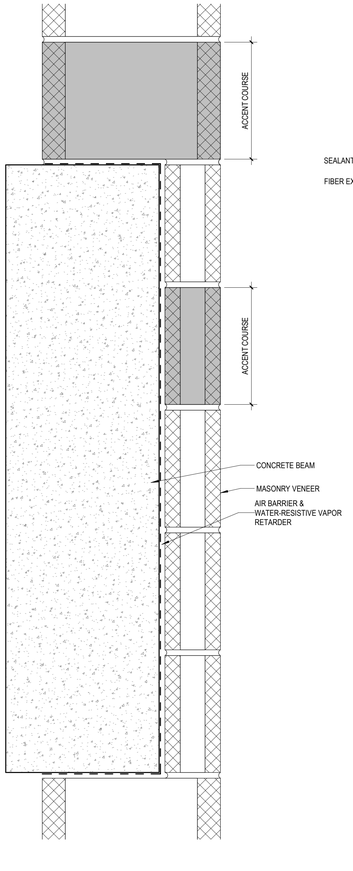
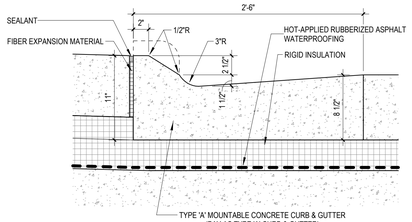
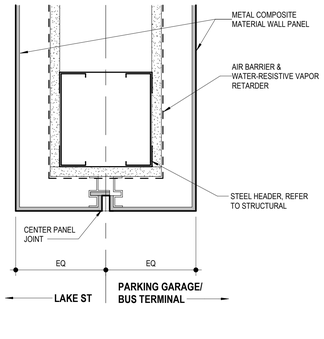


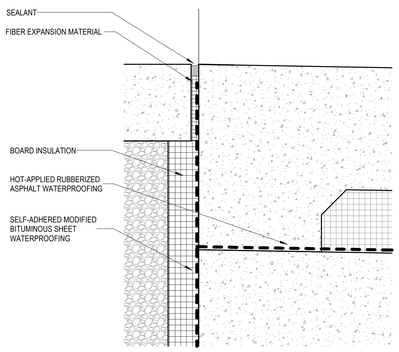
C1 MASONRY VENEER @ CONCRETE BEAM
3" = 1'-0"



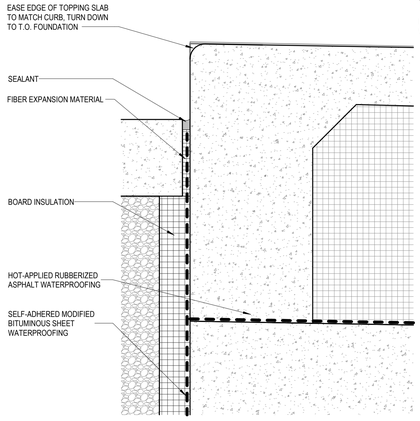
D3 MOUNTABLE CONCRETE CURB & GUTTER
1 1/2" = 1'-0"



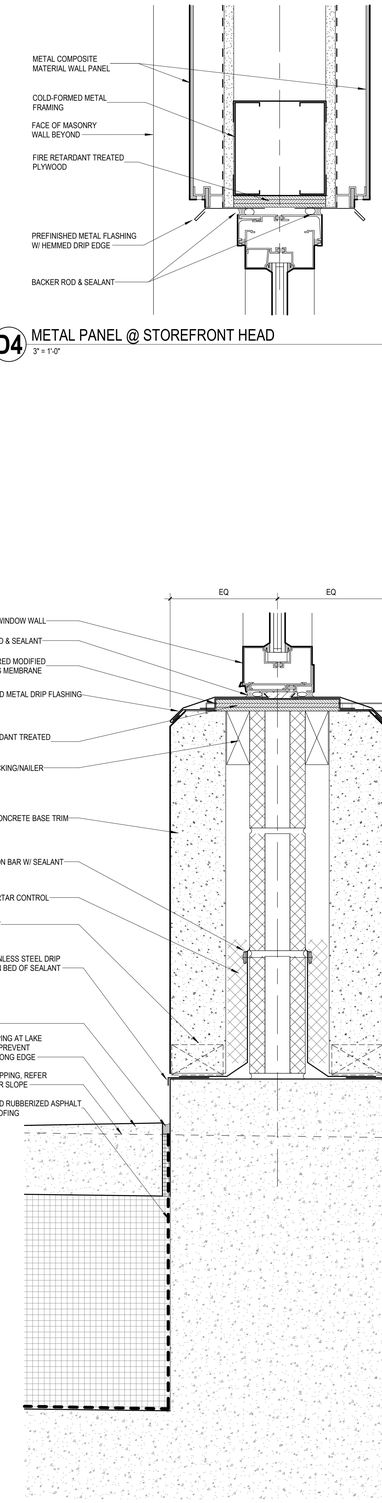
C3 WEST WALL @ BUS TERMINAL HEADER
3" = 1'-0"



A1 WEST WALL @ BUS LANE
3" = 1'-0"

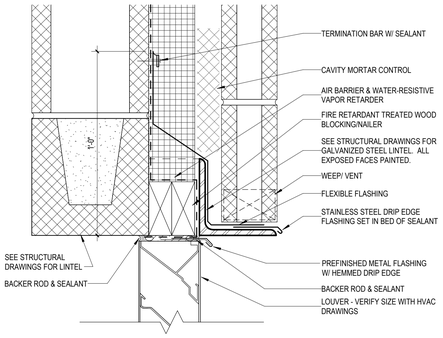


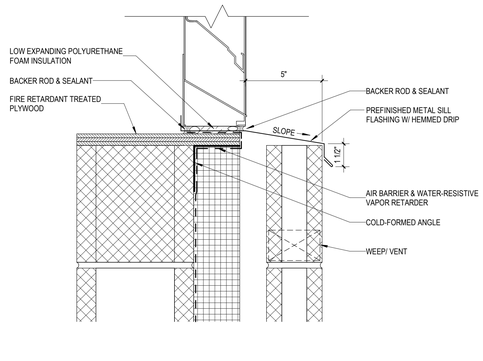
A3 WEST WALL @ SPLIT SLAB SIDEWALK
3" = 1'-0"



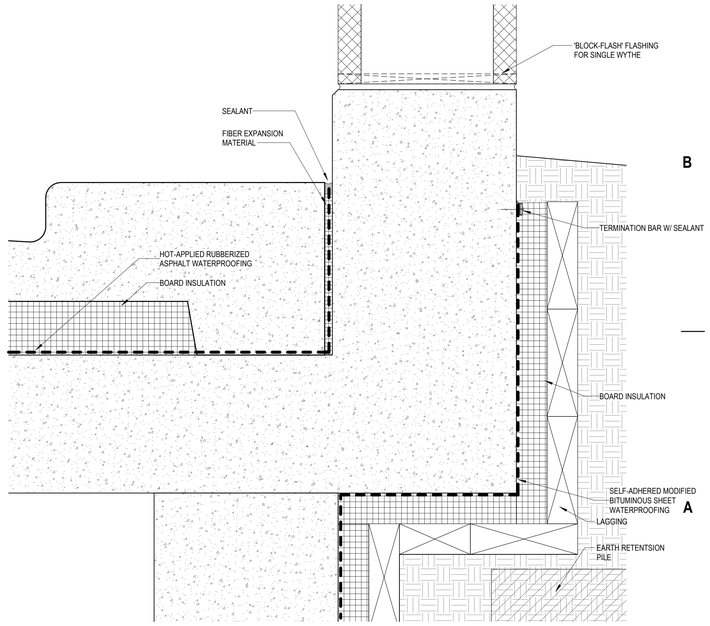
D4 METAL PANEL @ STOREFRONT HEAD
3" = 1'-0"

A4 BASE OF WEST WALL @ BUS TERMINAL STOREFRONT
3" = 1'-0"





D6 LOUVER HEAD & SILL @ MASONRY
3" = 1'-0"



A6 BASE OF SOUTH WALL @ ENTRANCE RAMP
3" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR DETAILS - PHASE 1

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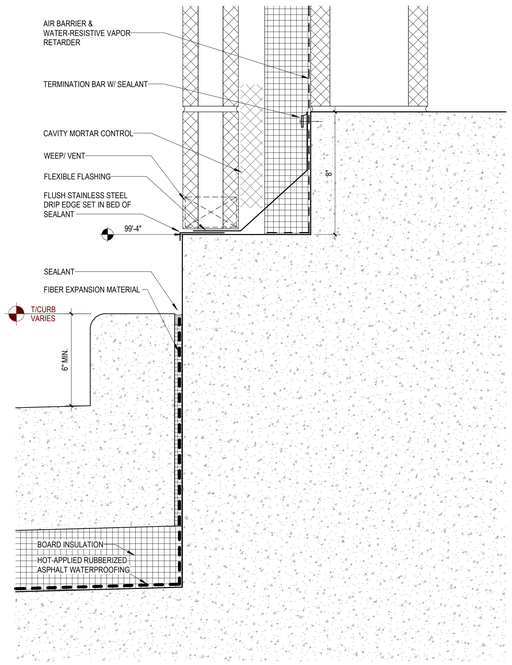
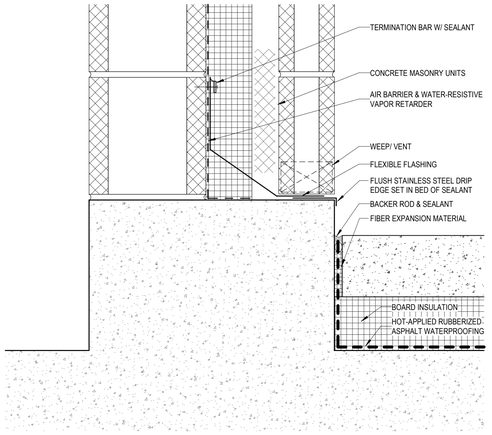
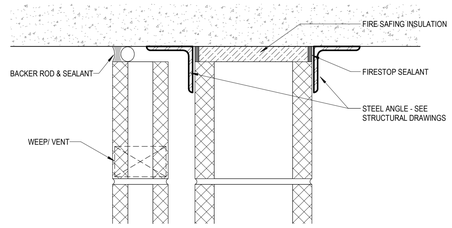


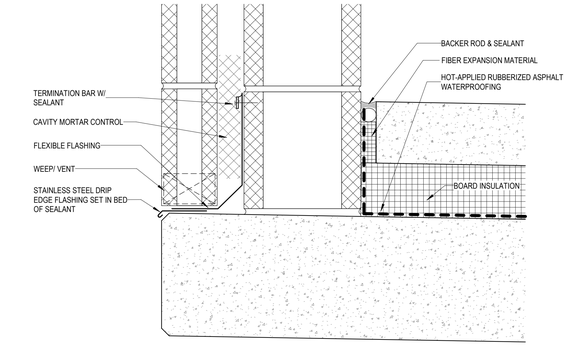
D2 BUS TERMINAL CURB @ SOUTH DRIVE LANE
3" = 1'-0"



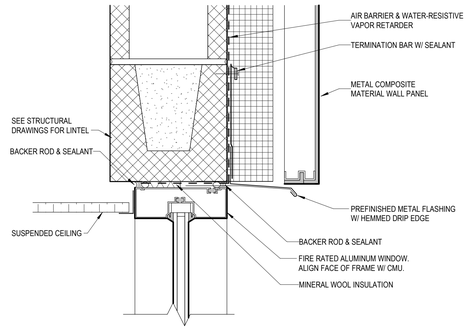
D4 MASONRY BASE OF WALL @ SOUTH PARKING RAMP
3" = 1'-0"

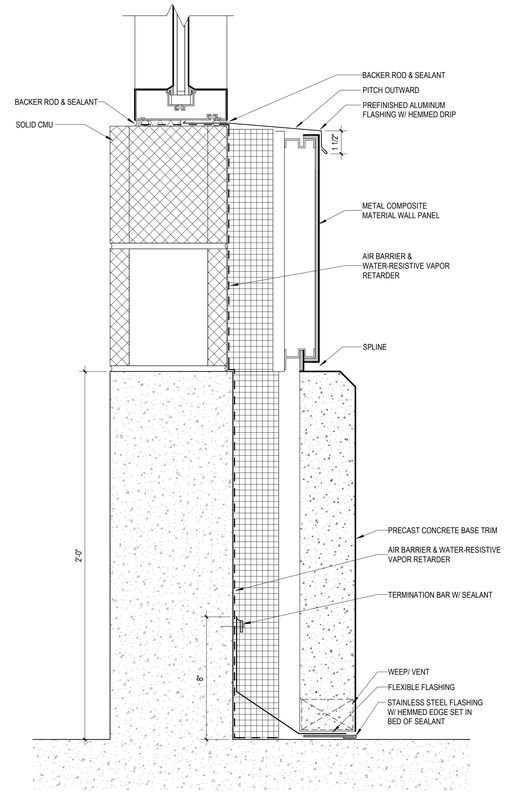


E6 MASONRY WALL @ UNDERSIDE OF SLAB
3" = 1'-0"

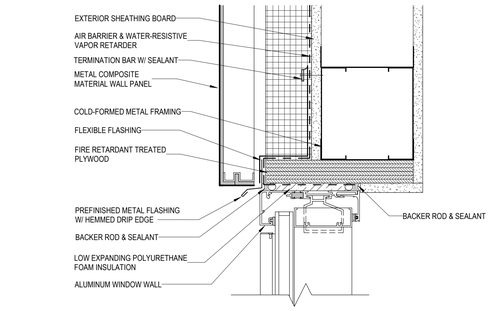


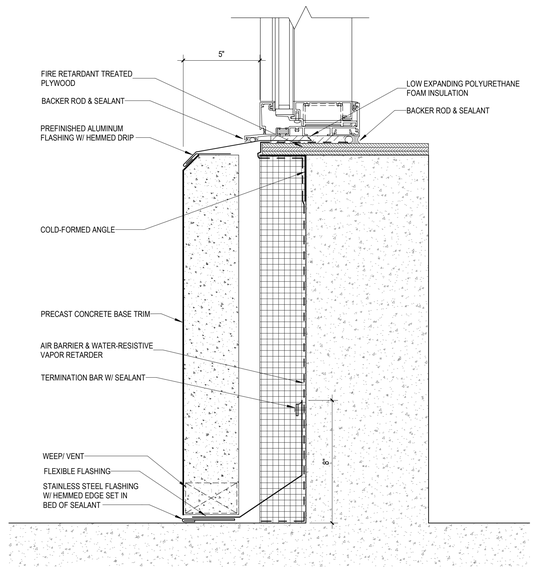
D6 MASONRY BASE OF WALL @ PT SLAB1
3" = 1'-0"



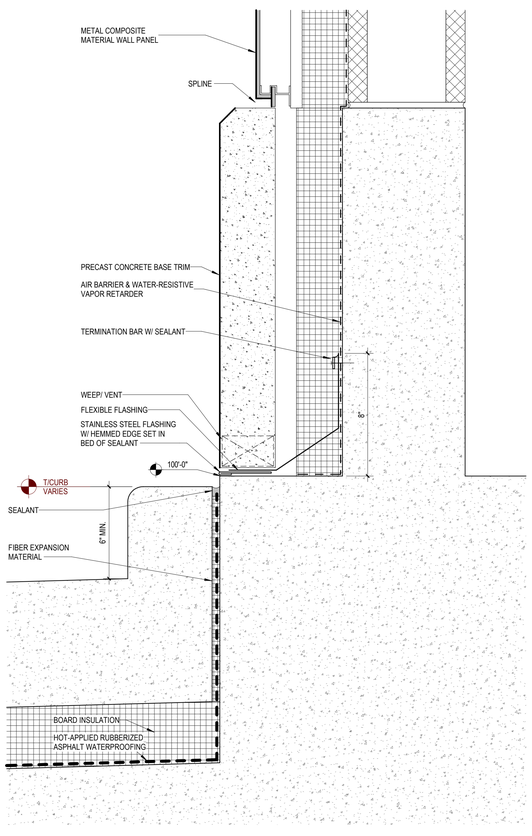


A4 FIRE RATED ALUMINUM WINDOW HEAD & SILL @ METAL PANEL & PRECAST
3" = 1'-0"





A6 STOREFRONT HEAD & SILL @ MTL PANEL & PRECAST
3" = 1'-0"



B2 BUS TERMINAL CURB @ PRECAST
3" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR DETAILS - PHASE 1

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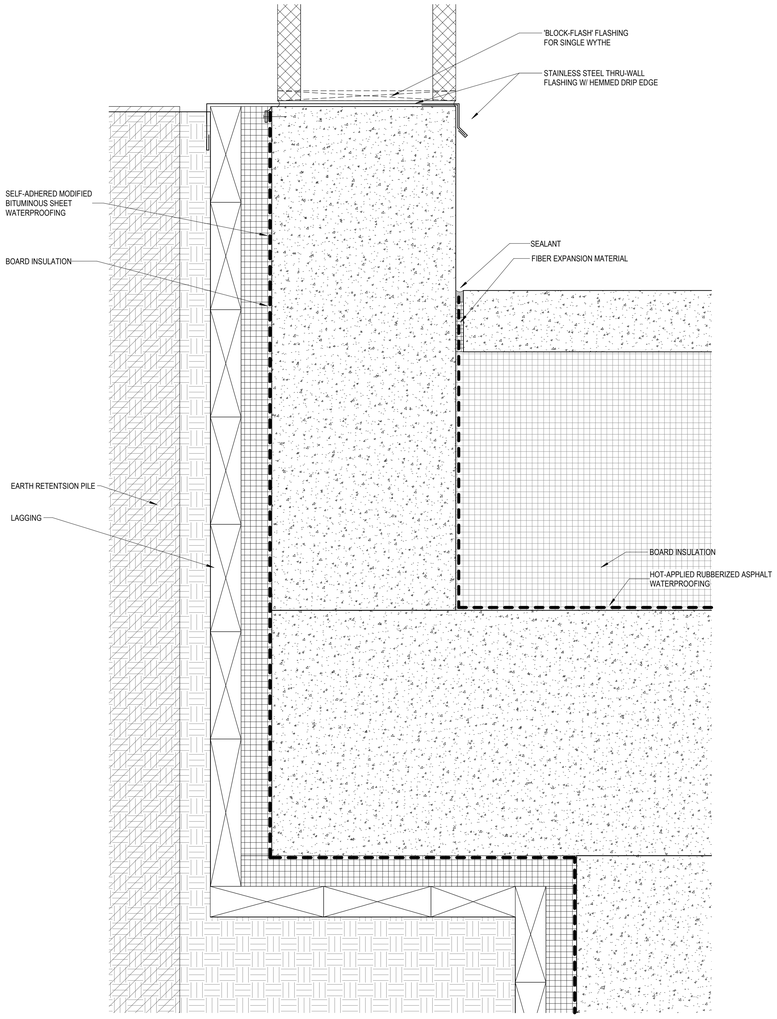
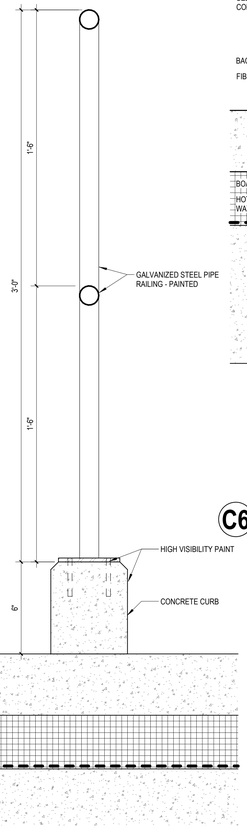
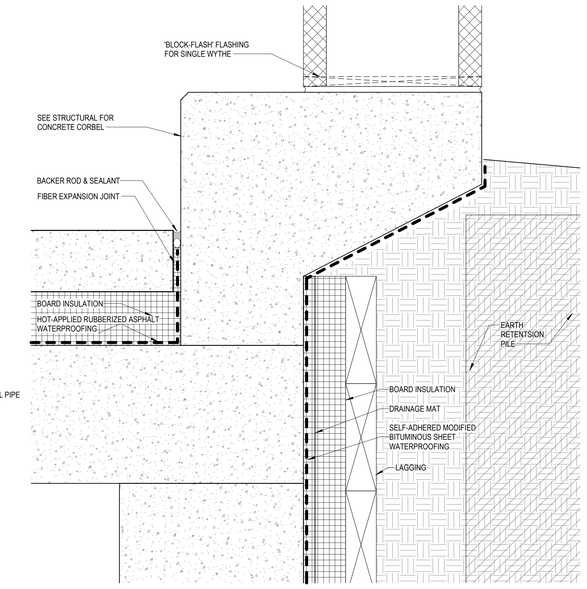


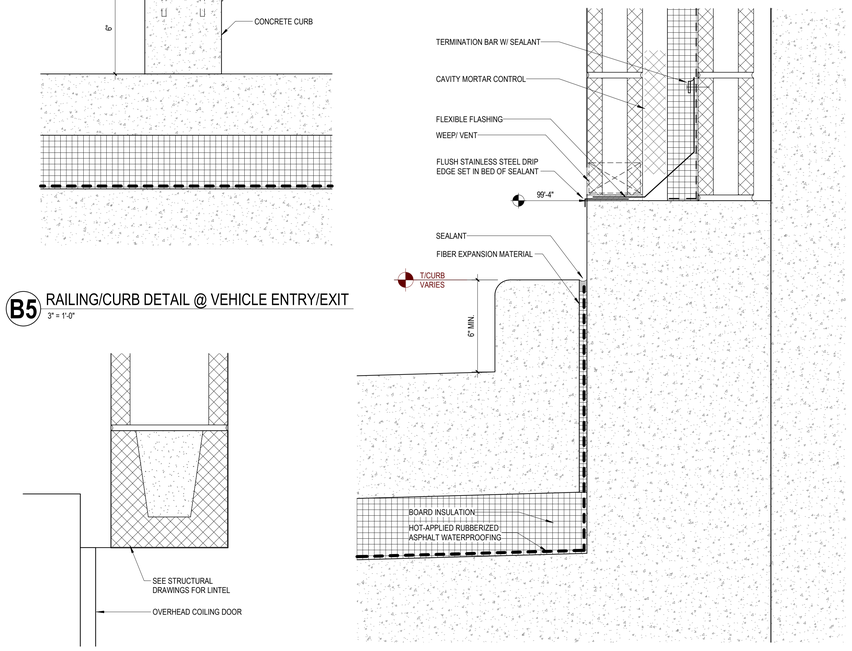
A2 BASE OF NORTH WALL @ EXISTING FOUNDATION
3" = 1'-0"



A5 OVERHEAD COILING DOOR HEAD
3" = 1'-0"



C6 BASE OF SOUTH WALL @ CORBEL
3" = 1'-0"



B5 RAILING/CURB DETAIL @ VEHICLE ENTRY/EXIT
3" = 1'-0"

A6 BUS TERMINAL CURB @ STAIR 2
3" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

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SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR DETAILS - PHASE 1

A5105-1

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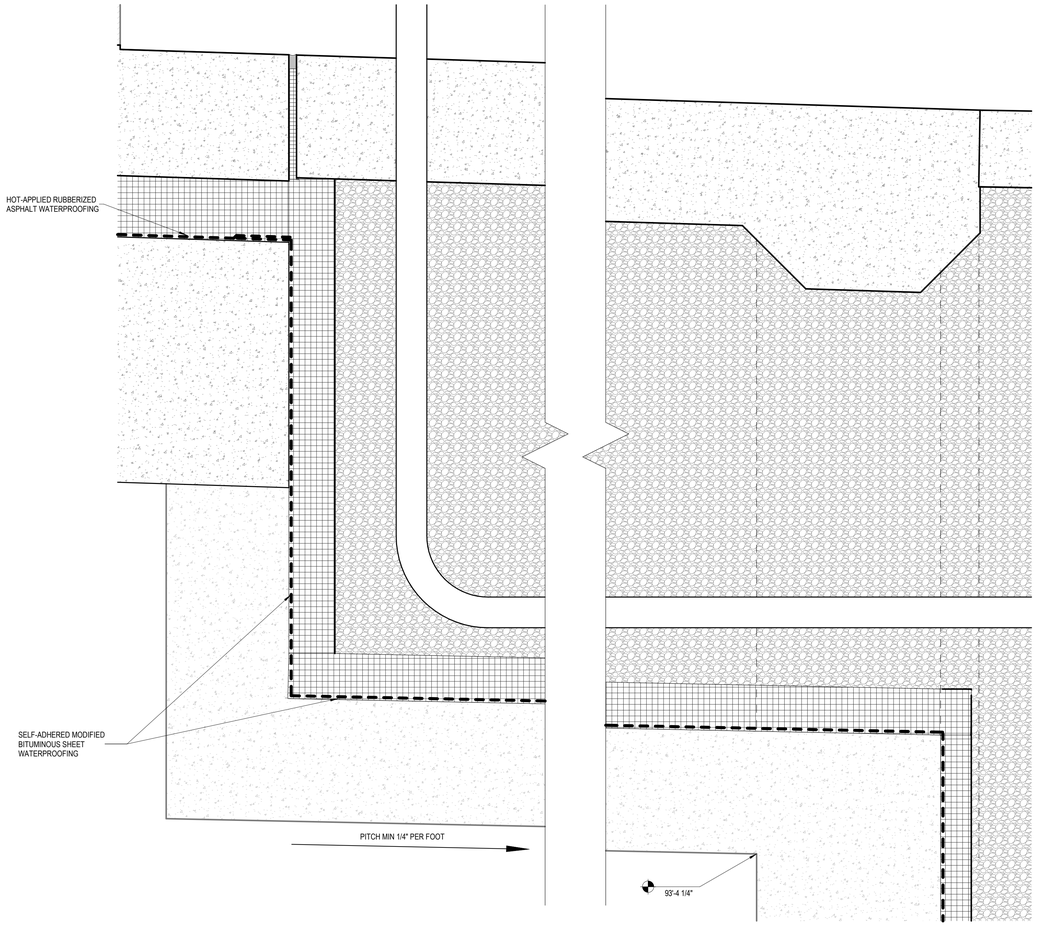
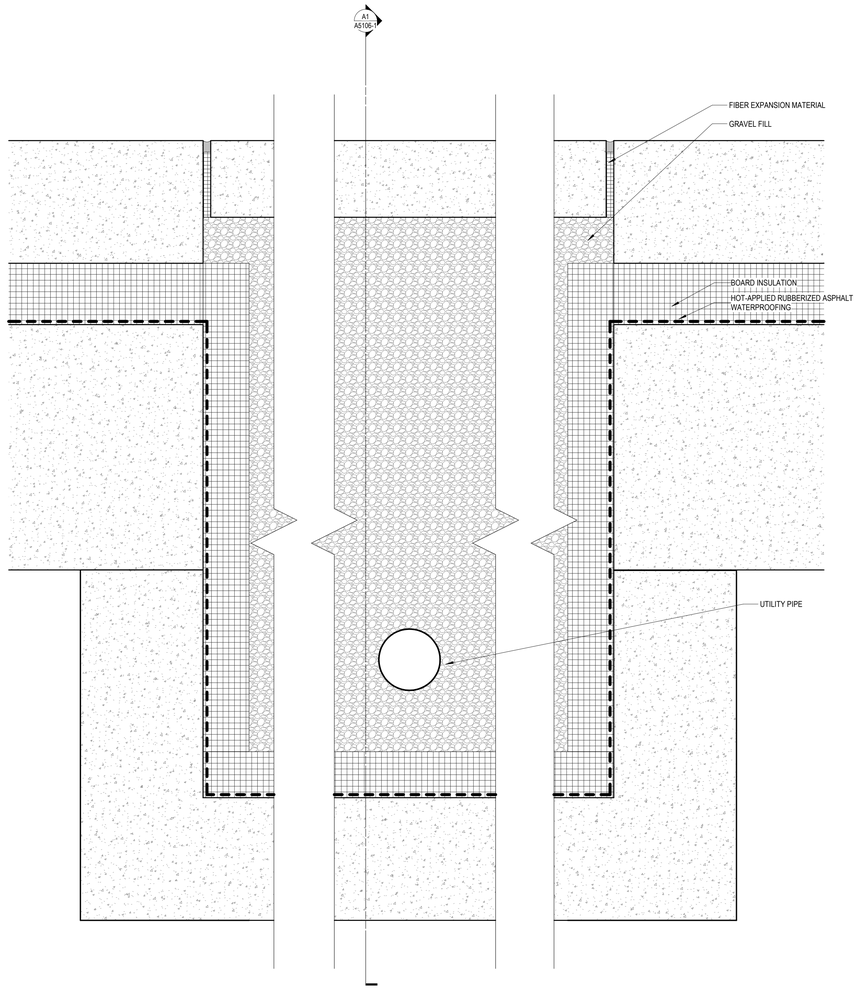


A1 UTILITY TROUGH - LONGITUDINAL
3" = 1'-0"



A5 UTILITY TROUGH - TRANSVERSE
3" = 1'-0"

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PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

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ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR DETAILS - PHASE 1

A5106-1

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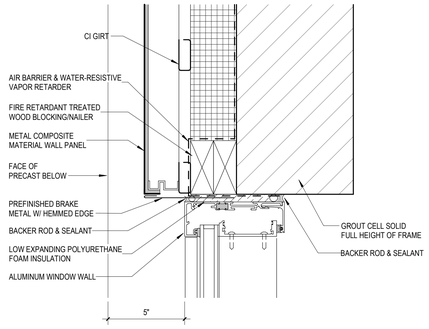
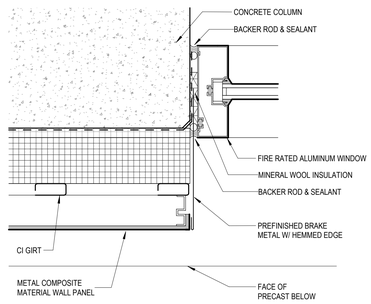
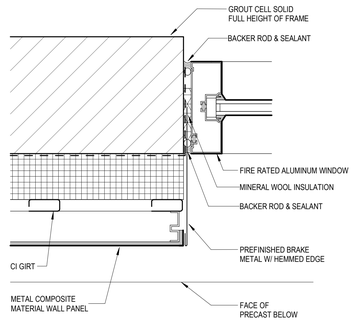


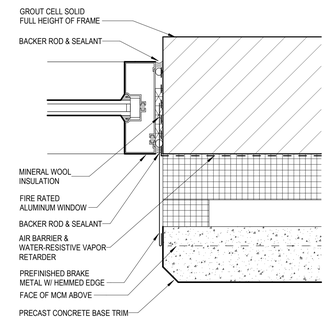
D1 STOREFRONT JAMB @ MCM PNL
3" = 1'-0"



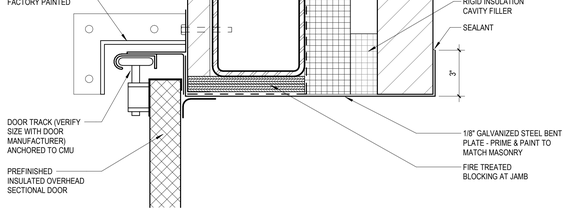
D2 FIRE RATED ALUM WINDOW JAMB @ MCM PANEL @ COLUMN
3" = 1'-0"



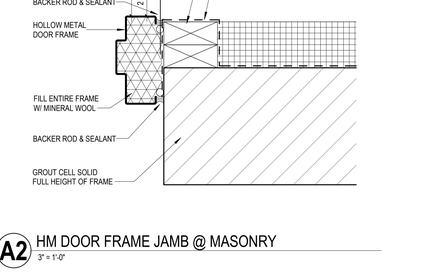
D5 FIRE RATED ALUMINUM WINDOW JAMB @ MCM PANEL
3" = 1'-0"



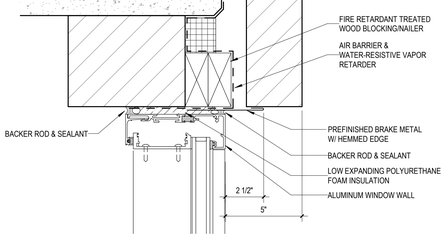
D6 FIRE RATED ALUMINUM WINDOW JAMB @ PRECAST BASE
3" = 1'-0"



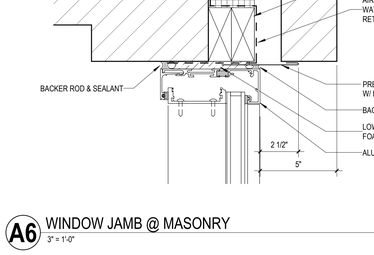
C1 EAST WALL @ HIGH SPEED GARAGE DOOR JAMB
3" = 1'-0"



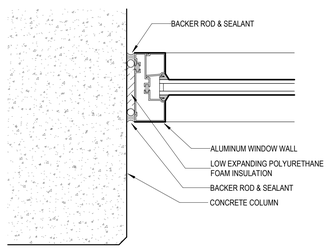
C2 HM DOOR FRAME JAMB @ PRECAST BASE
3" = 1'-0"



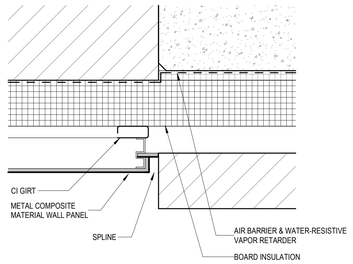
C5 HM DOOR FRAME JAMB @ METAL PANEL
3" = 1'-0"



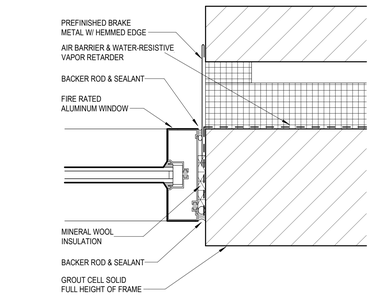
C6 HM BORROWED LITE FRAME JAMB @ CMU
3" = 1'-0"



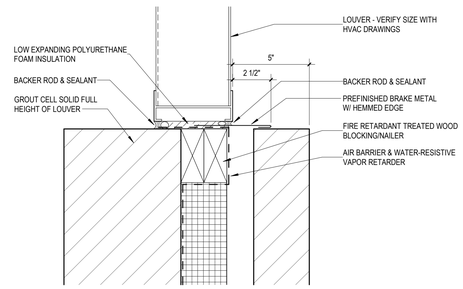
B1 STOREFRONT JAMB @ BUS TERMINAL
3" = 1'-0"



B2 METAL PANEL @ MASONRY TRANSITION
3" = 1'-0"



B5 FIRE RATED ALUMINUM WINDOW JAMB
3" = 1'-0"



B6 LOUVER JAMB @ MASONRY
3" = 1'-0"

A1 EAST WALL @ OVERHEAD GARAGE DOOR JAMB
3" = 1'-0"

A2 HM DOOR FRAME JAMB @ MASONRY
3" = 1'-0"

A5 WINDOW JAMB @ MASONRY & COLUMN
3" = 1'-0"

A6 WINDOW JAMB @ MASONRY
3" = 1'-0"

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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR DETAILS - PHASE 1

A5110-1

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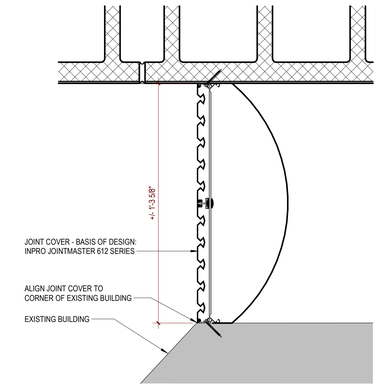
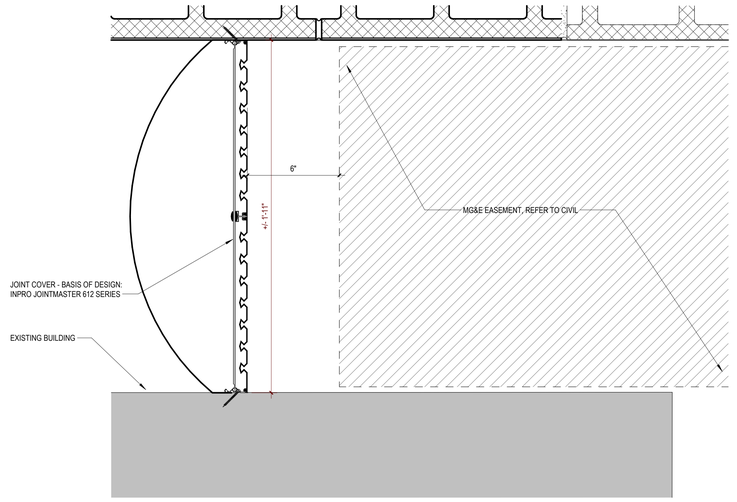
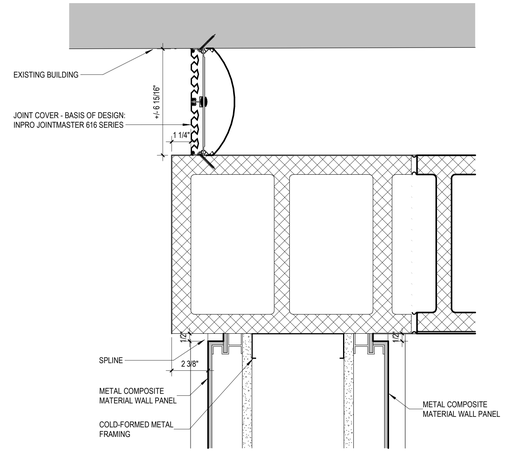


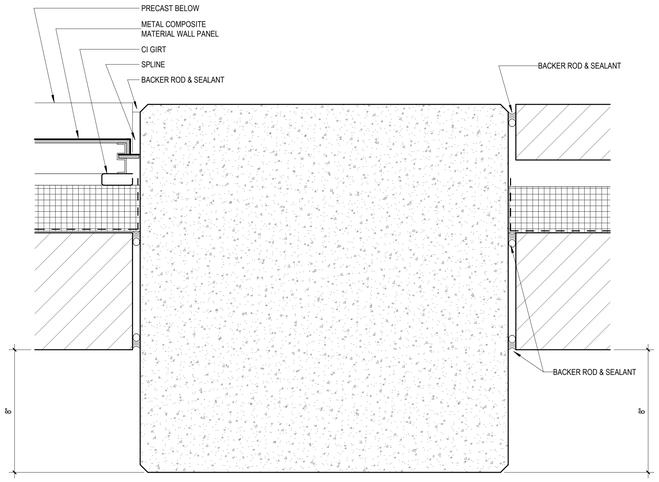
D2 SOUTH WALL @ EXPANSION COVER 1
3" = 1'-0"



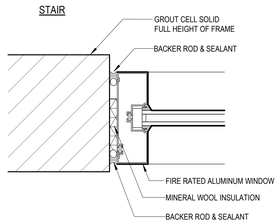
D3 SOUTH WALL @ EXPANSION COVER 2
3" = 1'-0"



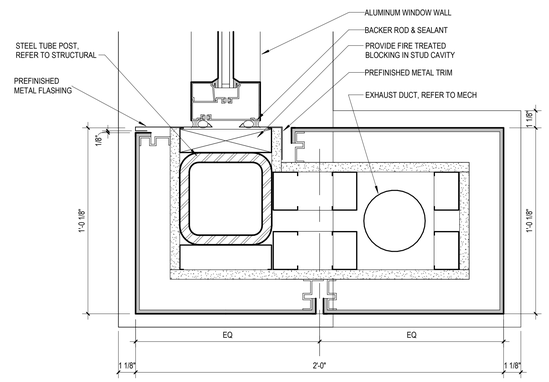
D6 BUS TERMINAL STOREFRONT @ CORNER - 16'-0" AFF
3" = 1'-0"



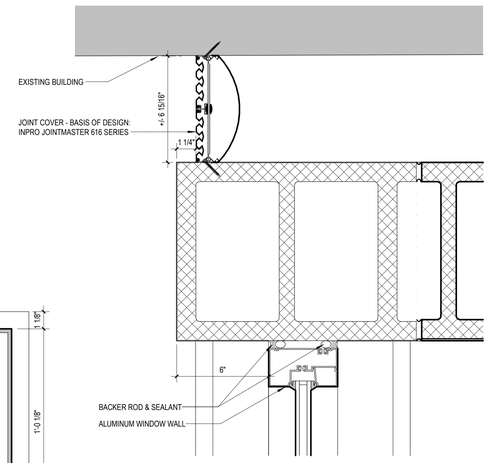
B1 WALL TERMINATION @ COLUMN @ BUS TERMINAL
3" = 1'-0"



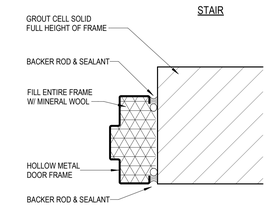
B3 FIRE RATED ALUMINUM WINDOW FRAME JAMB
3" = 1'-0"



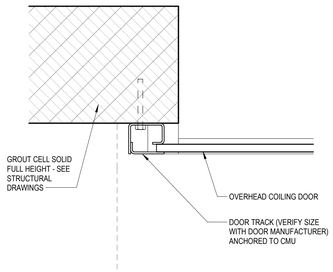
B5 BUS TERMINAL STOREFRONT @ POST - 4'-0" AFF
3" = 1'-0"



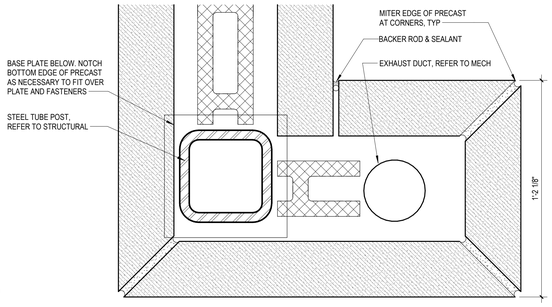
B6 BUS TERMINAL STOREFRONT @ CORNER - 4'-0" AFF
3" = 1'-0"



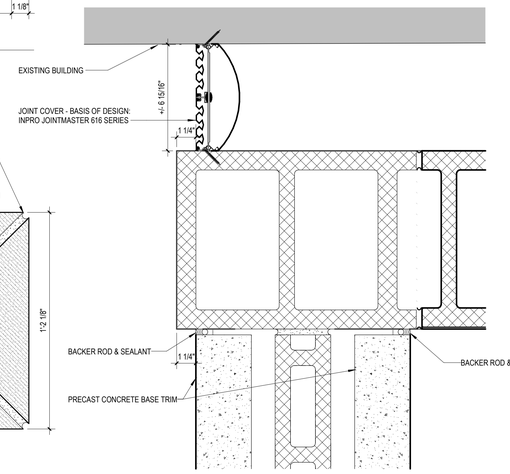
A2 HOLLOW METAL DOOR FRAME JAMB
3" = 1'-0"



A3 COILING GARAGE DOOR JAMB
3" = 1'-0"



A5 BUS TERMINAL STOREFRONT @ POST - 2'-0" AFF
3" = 1'-0"



A6 BUS TERMINAL STOREFRONT @ CORNER - 2'-0" AFF
3" = 1'-0"

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PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

EXTERIOR DETAILS - PHASE 1

A5111-1

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DOOR AND FRAME SCHEDULE - PHASE 1 / PHASE 2

NUMBER	DOOR LEAF QTY	DOOR SIZE WIDTH	DOOR SIZE HGT	DOOR TYPE	DOOR MAT	DOOR GL	SIDELITE & TRANSOM SIZE WIDTH	SIDELITE & TRANSOM SIZE HGT	SIDELITE & TRANSOM GL	FRAME DETAIL TYPE	FRAME MAT	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL SILL	HDWE TAG	RATING (MIN)	REMARKS	NUMBER
LL																		
0S04-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	04	90 MIN	1	0S04-1
002-1	1	3'-0"	7'-0"	FG-M	HM	S-1Ta	3'-0"		S-1Ta	05C	HM	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	19		1	002-1
002-2	1	3'-6"	7'-0"	N333	HM	S-1Ta				01A	HM	A2/A6000-1	A3/A6000-1	--	20		1	002-2
005-1		4'-0"	7'-0"	--						01A	HM	A2/A6000-1	A3/A6000-1	--	30		1, 3	005-1
1ST FLR - HAWTHORNE CT																		
118-2	1	12'-0"	8'-0"	OS4	ALUM					--	--	E2/A5101-1	A1/A5110-1	--	29		1	118-2
118-3	1	3'-0"	7'-0"	N333	HM					01A	HM	D1/A5101-1	A2/A5110-1	D1/A5101-1	16		1	118-3
1ST FLR - LAKE ST																		
1S02-2	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	D1/A5101-1	A2/A5110-1	D1/A5101-1	14	90 MIN	1	1S02-2
1S04-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	05	90 MIN	1	1S04-1
1S05-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	24	90 MIN	1	1S05-1
101-2	1	2'-11 3/4"	7'-11 7/8"	FG-A	ALUM	IG-1T				--	--				06		1	101-2
101-3	1	2'-11 3/4"	7'-11 7/8"	FG-A	ALUM	IG-1T				--	--				06		1	101-3
117	1	3'-0"	7'-0"	F	WD					01	HM	A1/A6000-1	B1/A6000-1	--	26	60 MIN	1	117
131-1	1	3'-0"	7'-0"	F	HM					01A	HM	C2/A5102-1	C4/A5110-1	D1/A5101-1	09		1	131-1
133	1	4'-0"	7'-0"	F	HM					01A	HM	D1/A5101-1	A2/A5110-1	D1/A5101-1	11	90 MIN	1	133
140-1	1	9'-6"	8'-0"	CV	ALUM					--	ALUM	A4/A5102-1	C1/A5110-1	--	29		1	140-1
140-2	1	9'-6"	8'-0"	CV	ALUM					--	ALUM	A4/A5102-1	C1/A5110-1	--	29		1	140-2
142	1	4'-0"	7'-0"	F	HM					01A	HM	A2/A6000-1	A3/A6000-1	--	06		1	142
143	1	3'-6"	7'-0"	F	HM					01A	HM	A2/A6000-1	A3/A6000-1	--	25		1	143
144-2	1	3'-0"	7'-0"	F	HM					01A	HM	C2/A5102-1	C2-C4/A5110-1	D1/A5101-1	09		1	144-2
182-1	2	3'-0"	7'-0"	F	HM					02A	HM	C2/A5102-1	C2-C4/A5110-1	D1/A5101-1	02		1	182-1
P2																		
2S02-2	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	10	90 MIN	1	2S02-2
2S04-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	04	90 MIN	1	2S04-1
2S05-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	27	90 MIN	1	2S05-1
246-1	1	3'-0"	7'-0"	N333	HM	S-4F				01A	HM	A2/A6000-1	A3/A6000-1	--	19	45 MIN	1	246-1
P3																		
3S02-2	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	10	90 MIN	1	3S02-2
3S04-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	04	90 MIN	1	3S04-1
3S05-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	04	90 MIN	1	3S05-1
341-2	1	3'-0"	7'-0"	N333	HM	S-4F				01	HM	A1/A6000-1	B1/A6000-1	--	35	45 MIN	1	341-2
346-1	1	3'-0"	7'-0"	N333	HM	S-4F				01A	HM	A2/A6000-1	A3/A6000-1	--	19	45 MIN	1	346-1
P4																		
4S02-2	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	10	90 MIN	1	4S02-2
4S04-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	04	90 MIN	1	4S04-1
4S05-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	04	90 MIN	1	4S05-1
441-2	1	3'-0"	7'-0"	N333	HM	S-4F				01	HM	A1/A6000-1	B1/A6000-1	--	35	45 MIN	1	441-2
446-1	1	3'-0"	7'-0"	N333	HM	S-4F				01A	HM	A2/A6000-1	A3/A6000-1	--	19	45 MIN	1	446-1
P5																		
5S02-2	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	10	90 MIN	1	5S02-2
5S04-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	04	90 MIN	1	5S04-1
5S05-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	04	90 MIN	1	5S05-1
541-2	1	3'-0"	7'-0"	N333	HM	S-4F				01	HM	A1/A6000-1	B1/A6000-1	--	35	45 MIN	1	541-2
546-1	1	3'-0"	7'-0"	N333	HM	S-4F				01A	HM	A2/A6000-1	A3/A6000-1	--	19	45 MIN	1	546-1
P6																		
6S02-2	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	10	90 MIN	1	6S02-2
6S04-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	04	90 MIN	1	6S04-1
6S05-1	1	3'-0"	7'-0"	N333	HM	S-11F				01A	HM	A2/A6000-1	A3/A6000-1	--	04	90 MIN	1	6S05-1
641-2	1	3'-0"	7'-0"	N333	HM	S-4F				01	HM	A1/A6000-1	b1	--	35	45 MIN	1	641-2
646-1	1	3'-0"	7'-0"	N333	HM	S-4F				01A	HM	A2/A6000-1	A3/A6000-1	--	19	45 MIN	1	646-1

HARDWARE SETS ARE PHASE 2 SPECIFICATIONS

DOOR AND FRAME SCHEDULE - PHASE 1

NUMBER	DOOR LEAF QTY	DOOR SIZE WIDTH	DOOR SIZE HGT	DOOR TYPE	DOOR MAT	DOOR FIN	DOOR GL	SIDELITE & TRANSOM SIZE WIDTH	SIDELITE & TRANSOM SIZE HGT	SIDELITE & TRANSOM GL	FRAME DETAIL TYPE	FRAME MAT	FRAME FIN	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL SILL	HDWE TAG	RATING (MIN)	REMARKS	NUMBER
LL																				
0S01-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	05	90 MIN		0S01-1
0S03-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	22	90 MIN		0S03-1
001-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	2'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	27			001-1
003-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	3'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	19			003-1
004-1	1	3'-6"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	15	45 MIN		004-1
004-2	1	12'-0"	8'-0"	CV	ALUM						--	ALUM		A5/A5105-1	A3/5111-1	--	29	45 MIN		004-2
006-1	2	3'-0"	7'-0"	F	HM	PT-10					02A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	03	180 MIN		006-1
1ST FLR - HAWTHORNE CT																				
1S03-2	1	3'-0"	7'-0"	N333	HM	PT-8	S-11F				01A	HM	PT-8	D1/A5101-1	A2/A5110-1	D1/A5101-1	09	90 MIN		1S03-2
1ST FLR - LAKE ST																				
1S01-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	07	90 MIN		1S01-1
1S03-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	23	90 MIN		1S03-1
150-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	3'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			150-1
181	1	3'-0"	8'-0"	FG-A	ALUM		S-11F			S-11F	--	--		A4/A5104-1	D2-D6/A5110-1		18A	60 MIN		181
181A	1	3'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	28			181A
183	1	3'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	13			183
184	1	4'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	06			184
185-1	1	3'-0"	7'-0"	FG-M	HM	PT-8	IG-1T				01A	HM	PT-8	D1/A5101-1	A2/A5110-1	D1/A5101-1	13			185-1
185A	1	3'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	28			185A
187-1	2	3'-6"	8'-0"	F	HM	PT-8					02A	HM	PT-8	D1/A5101-1	A2/A5110-1	D1/A5101-1	24A	90 MIN		187-1
190	1	3'-0"	7'-0"	F	HM	PT-8					01A	HM	PT-8	D1/A5101-1	A2/A5110-1	D1/A5101-1	18			190
191	1	3'-0"	7'-0"	F	HM	PT-8					01A	HM	PT-8	D1/A5101-1	A2/A5110-1	D1/A5101-1	16			191
192	1	3'-0"	7'-0"	F	HM	PT-8					01A	HM	PT-8	D1/A5101-1	A2/A5110-1	D1/A5101-1	18			192
193-1	1	3'-10"	10'-0"	AG	ALUM						--	--					31			193-1
193-2	1	3'-10"	10'-0"	AG	ALUM						--	--					31			193-2
P2																				
2S01-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	05	90 MIN		2S01-1
2S03-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	21	90 MIN		2S03-1
243	1	3'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	12			243
245-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	2'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			245-1
247-1	1	3'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	26A	45 MIN		247-1
250-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	3'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			250-1
P3																				
3S01-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	05	90 MIN		3S01-1
3S03-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	21	90 MIN		3S03-1
345-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	2'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			345-1
347-1	1	3'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	26A	45 MIN		347-1
350-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	3'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			350-1
P4																				
4S01-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	05	90 MIN		4S01-1
4S03-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	21	90 MIN		4S03-1
445-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	2'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			445-1
447-1	1	3'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	26A	45 MIN		447-1
450-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	3'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			450-1
P5																				
5S01-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	05	90 MIN		5S01-1
5S03-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-4F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	21	90 MIN		5S03-1
545-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	2'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			545-1
549-1	1	3'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	26A	45 MIN		549-1
550-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	3'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			550-1
P6																				
6S01-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	04	90 MIN		6S01-1
6S03-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-11F				01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	04	90 MIN		6S03-1
645-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	2'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			645-1
647-1	1	3'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	17	90 MIN		647-1
649-1	1	3'-0"	7'-0"	F	HM	PT-10					01A	HM	PT-10	A2/A6000-1	A3/A6000-1	--	17	90 MIN		649-1
650-1	1	3'-0"	7'-0"	FG-M	HM	PT-10	S-1Ta	3'-0"		S-1Ta	05C	HM	PT-10	A2-B2/A6000-1	A3-A4/A6000-1	B4/A6000-1	08			650-1

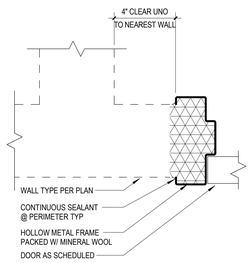
DOOR AND FRAME SCHEDULE GENERAL NOTES AND REMARKS

GENERAL NOTES

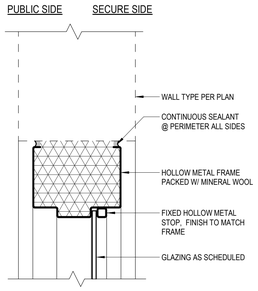
A. REFER TO SPECIFICATION SECTION 08 80 00 FOR GLAZING TYPES.

REMARKS

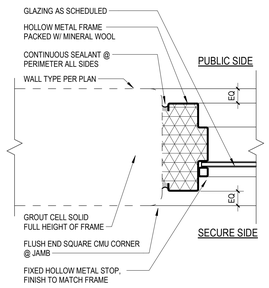
1. DOOR OPENING AND CONDUIT INSTALLED IN PHASE 1, DOOR, FRAME AND HARDWARE INSTALLED IN PHASE 2.
2. WIDE STYLE DOOR.
3. HOLLOW METAL FRAME WITH SOFFITS AND RABBETS TO ACCEPT DOOR PANEL AT A FUTURE DATE. FRAME TO BE INSTALLED IN PHASE 2.



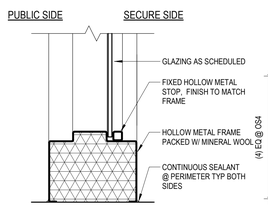
B1 HM DOOR JAMB-GYP BD
3" = 1'-0"



B2 HM BORROWED LITE HEAD-CMU
3" = 1'-0"



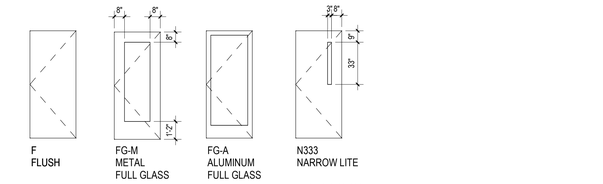
B3 HM BORROWED LITE JAMB-CMU
3" = 1'-0"

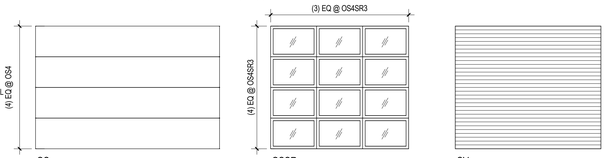


B4 HM BORROWED LITE SILL
3" = 1'-0"

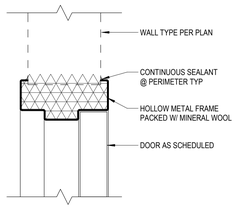
DIMENSION NOTES

WIDTH AND HEIGHT AS SCHEDULED UNLESS NOTED OTHERWISE. ADDITIONAL DIMENSIONS AS SPECIFIED.

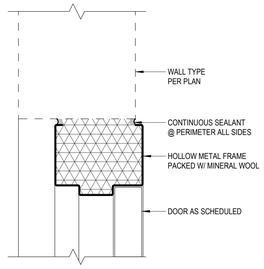




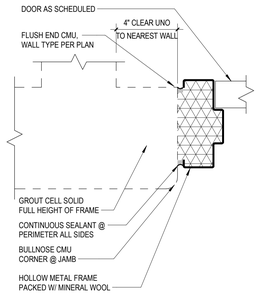
DOOR TYPES
1/4" = 1'-0"



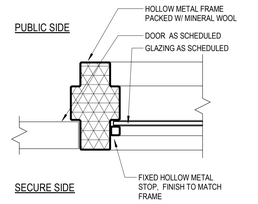
A1 HM DOOR HEAD-GYP BD
3" = 1'-0"



A2 HM DOOR HEAD-CMU
3" = 1'-0"



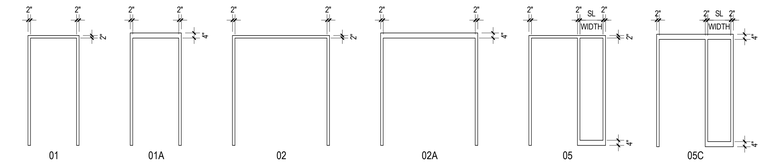
A3 HM DOOR JAMB-CMU
3" = 1'-0"



A4 HM DOOR JAMB WITH SIDELITE
3" = 1'-0"

DIMENSION NOTES

SIDELITE SILL HEIGHT, SIDELITE WIDTH, TRANSOM HEIGHT, DOOR HEIGHT AND DOOR WIDTH AS SCHEDULED UNLESS NOTED OTHERWISE.



FRAME TYPES
1/4" = 1'-0"

milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN

SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

DOOR AND FRAME SCHEDULE - PHASE 1

A6000-1

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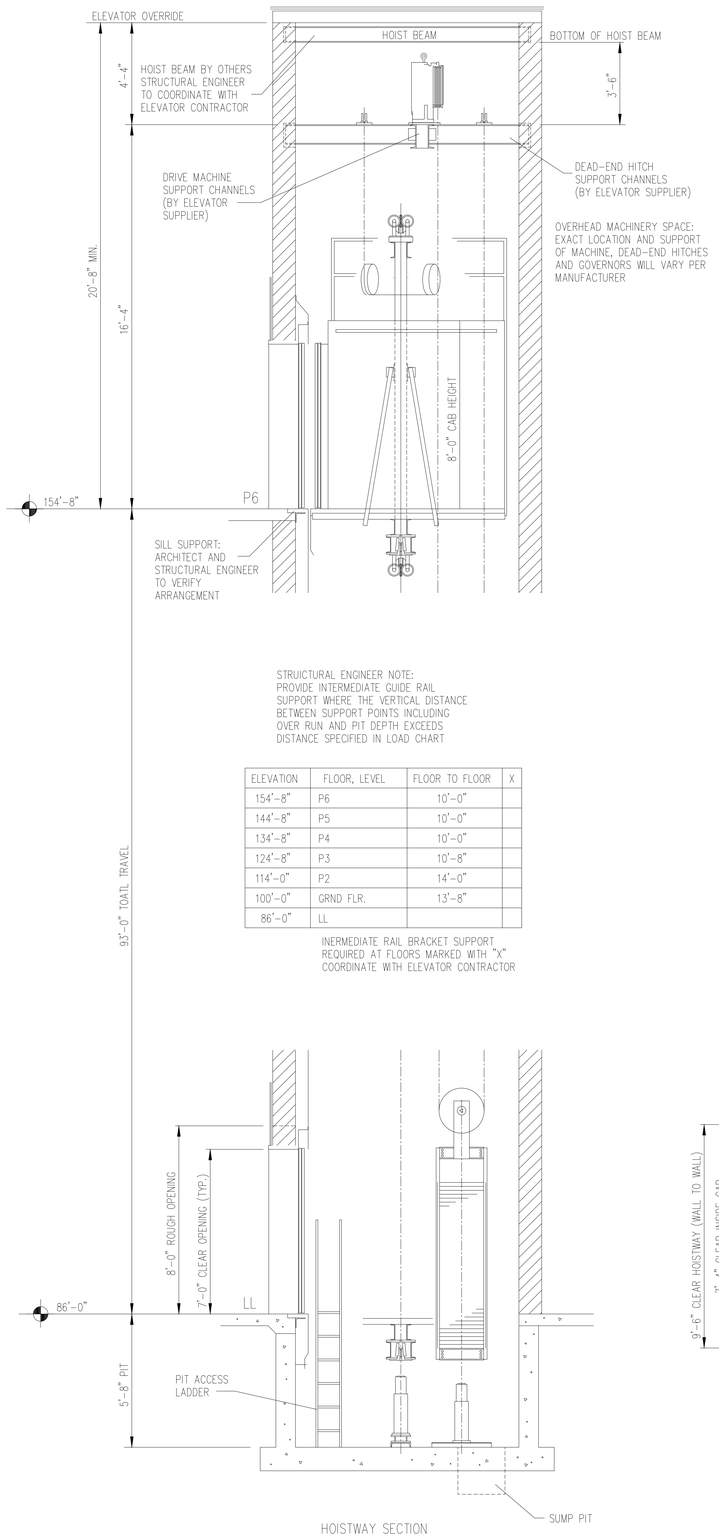


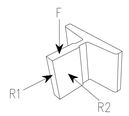
HOISTWAY SECTION

STRUCTURAL ENGINEER NOTE:
PROVIDE INTERMEDIATE GUIDE RAIL SUPPORT WHERE THE VERTICAL DISTANCE BETWEEN SUPPORT POINTS INCLUDING OVER RUN AND PIT DEPTH EXCEEDS DISTANCE SPECIFIED IN LOAD CHART

ELEVATION	FLOOR, LEVEL	FLOOR TO FLOOR	X
154'-8"	P6	10'-0"	
144'-8"	P5	10'-0"	
134'-8"	P4	10'-0"	
124'-8"	P3	10'-8"	
114'-0"	P2	14'-0"	
100'-0"	GRND FLR.	13'-8"	
86'-0"	LL		

INERMEDIATE RAIL BRACKET SUPPORT REQUIRED AT FLOORS MARKED WITH "X"
COORDINATE WITH ELEVATOR CONTRACTOR

PIT AND RAIL LOADS



SEISMIC					.
CLASS LOAD RATING					A
RAIL WEIGHT/SIZE 15					15
CAR BUFFER REACTION ✳✳✳			A	✳	52 K
CWT BUFFER REACTION ✳✳✳			B	✳	42 K
WEIGHT ONE STACK CAR RAIL					.
WEIGHT ONE STACK CWT RAIL					.
RAIL LOADS PER RAIL	NORMAL FORCES	F_{CAR}	C	✳	.
			D	✳	.
		F_{CWT}			.
		R1		✳	600 LBS
		R2		✳	540 LBS
	SAFETY FORCES	F_{CAR}		✳	29 K
		F_{CWT}			.
	SEISMIC FORCES	R1			.
		R2			.
MAX VERT SPAN GUIDE RAIL SUPPORT					14 FT
CAR AND CWT RAILS RAIL SUPPORT POINTS SHALL HAVE A MAX DEFLECTION OF 1/8" WHEN ACTED UPON BY FORCES R1 AND R2 UPON BY FORCES R1 AND R2					

✳ LOADS SHOWN DO NOT ACT SIMULTANEOUSLY
✳✳ CAR AND CWT RAILS
✳✳✳ BUFFER REACTIONS ARE DOUBLED FOR IMPACT

LOADS SHOWN ARE EXTIMATED. COORDINATE FINAL LOADS WITH ELEVATOR MANUFACTURER

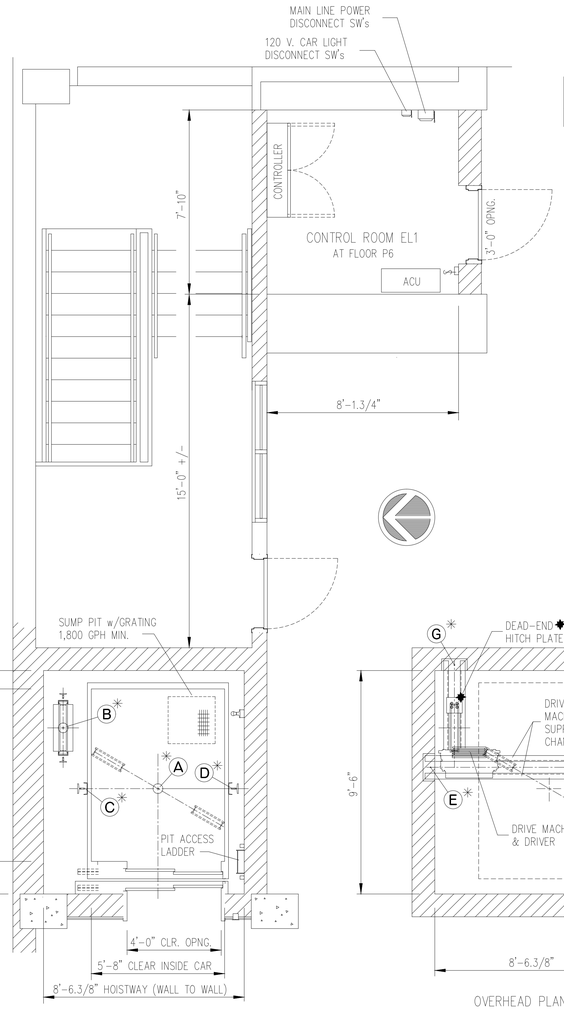
1. WHERE ELEVATOR HOISTING MACHINE IS SUPPORTED FROM AN OVERHEAD BUILDING STRUCTURE, THE TOTAL ELEVATOR LOAD, INCLUDING LIVE LOADS (DOUBLED FOR IMPACT), WILL NOT EXCEED 84K.
SINCE THE LOCATION OF THE SUPPORT BEAMS AND STRUCTURAL LOAD DISTRIBUTION VARY PER MANUFACTURER, COORDINATE THE SUPPORT REQUIREMENTS WITH THE ELEVATOR SHOP DRAWINGS.

2. WHERE ELEVATOR HOISTING MACHINE IS SUPPORTED FROM CAR AND COUNTERWEIGHT GUIDE RAILS AND LOADS ARE BROUGHT DOWN TO PIT FLOOR, THE TOTAL ELEVATOR LOAD WILL BE AS SHOWN ON THESE DRAWINGS. SINCE THE LOCATION OF THE GUIDE RAILS AND STRUCTURAL LOADS VARIES BY MANUFACTURER, COORDINATE THE SUPPORT REQUIREMENTS WITH THE ELEVATOR SHOP DRAWINGS.

3. THE LOCATION AND LIFTING CAPACITY OF THE HOISTING MACHINE BEAM USED FOR INSTALLATION AND MAINTENANCE OF THE ELEVATOR VARY PER MANUFACTURER. MAXIMUM LIFTING CAPACITY OF A BEAM IS 9000 LBS AND CAN BE CONSIDERED AS A POINT LOAD LOCATED APPROXIMATELY IN THE CENTER OF THE ELEVATOR SHAFT. COORDINATE THE LOCATION AND LIFTING REQUIREMENTS OF THESE STRUCTURAL MEMBERS WITH THE ELEVATOR SHOP DRAWINGS.

4. SEISMIC DESIGN AND/OR COUNTERWEIGHT SAFETIES WILL INCREASE HOISTWAY DIMENSIONS AND PIT DEPTH

5. DIMENSIONS ANNOTATED WITH AN ASTERISK (*) VARY PER MANUFACTURER



PIT/HOISTWAY PLAN ELEVATOR
PARKING STRUCTURE
ELEVATOR EL1
4000 LBS AT 350 FPM, 2:1 ROPING

POWER AND VENTILATION / UNIT
POWER BASED ON 480 V. 3-PHASE, 60 HERTZ

MOTOR HP	HEAT RELEASE BTU/HR/UNIT
40	8,000 BTU CONTROLLER 6,000 BTU MACHINE

LOADS SHOWN ARE ESTIMATED.
COORDINATE FINAL LOADS WITH ELEVATOR MANUFACTURER/ SUPPLIER

MAXIMUM 85'-0" WIRE LENGTH FROM REMOTE MACHINE IN OVERHEAD

ROOM HEIGHT:
7'-0" MIN.
(CLEAR OF LIGHTING, AND FAIDs)

ALL INFORMATION CONTAINED HEREIN, INCLUDING LAYOUT, DIMENSIONS AND REACTIONS ARE PRELIMINARY ESTIMATES ONLY. FINAL LAYOUT, DIMENSIONS AND REACTIONS SHALL BE CONFIRMED WITH THE ELEVATOR MANUFACTURER.

OVERHEAD PLAN EL1

FINAL LAYOUT AND LOADING IMPACTS/POSITIONS TO BE DETERMINED BY MANUFACTURER

eu:a
milwaukee | madison | green bay | denver | atlanta
Performance Elevator Consulting LLC.

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

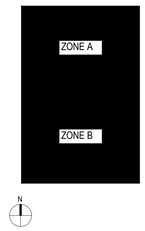
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
.	.
.	.

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

ELEVATOR EL1
PHASE 1

VT1000-1

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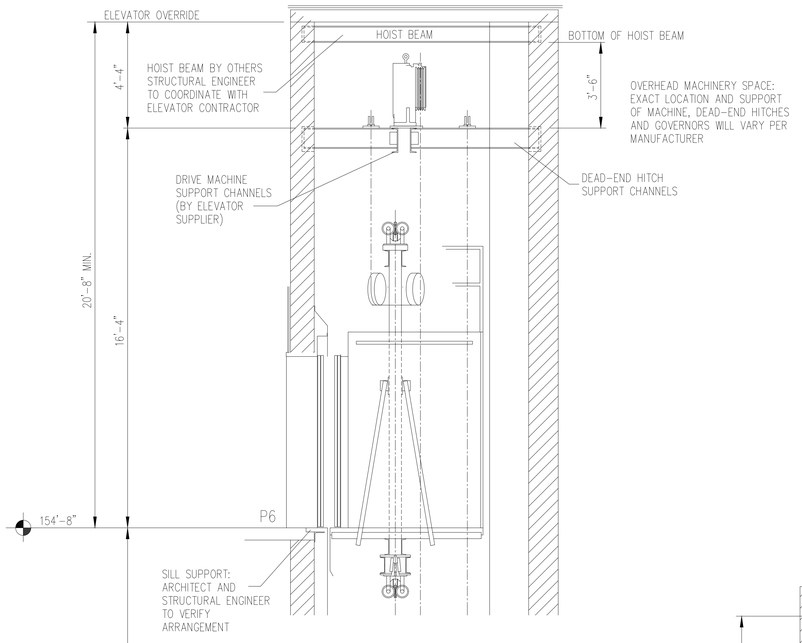
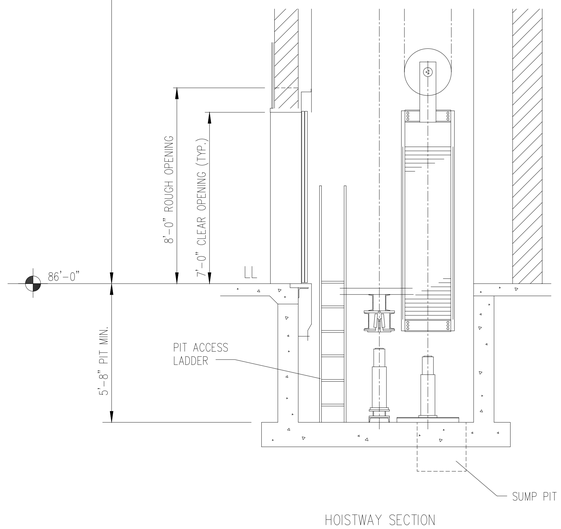


STRUICTURAL ENGINEER NOTE:
PROVIDE INTERMEDIATE GUIDE RAIL SUPPORT WHERE THE VERTICAL DISTANCE BETWEEN SUPPORT POINTS INCLUDING OVER RUN AND PIT DEPTH EXCEEDS DISTANCE SPECIFIED IN LOAD CHART

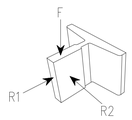
ELEVATION	FLOOR, LEVEL	FLOOR TO FLOOR	X
154'-8"	P6	10'-0"	
144'-8"	P5	10'-0"	
134'-8"	P4	10'-0"	
124'-8"	P3	10'-8"	
114'-0"	P2	14'-0"	
100'-0"	GRND FLR.	13'-8"	
86'-0"	LL		

INERMEDIATE RAIL BRACKET SUPPORT REQUIRED AT FLOORS MARKED WITH "X"
COORDINATE WITH ELEVATOR CONTRACTOR



HOISTWAY SECTION

PIT AND RAIL LOADS



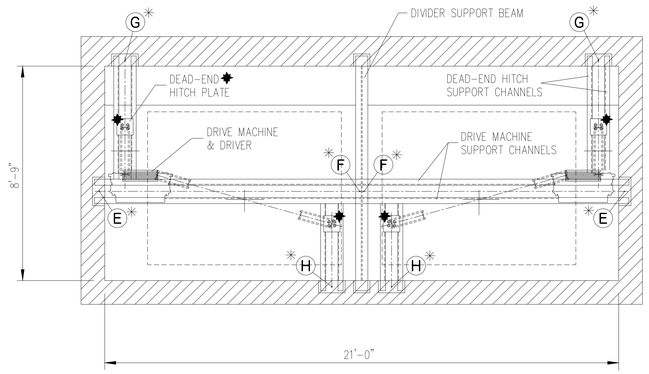
SEISMIC					.
CLASS LOAD RATING					A
RAIL WEIGHT/SIZE 15					15
CAR BUFFER REACTION ✳✳✳			A	✳	52 K
CWT BUFFER REACTION ✳✳✳			B	✳	42 K
WEIGHT ONE STACK CAR RAIL					.
WEIGHT ONE STACK CWT RAIL					.
RAIL LOADS PER RAIL	NORMAL FORCES	F_{CAR}	C	✳	.
			D	✳	.
		F_{CWT}			.
		R1		✳	600 LBS
		R2		✳	540 LBS
	SAFETY FORCES	F_{CAR}		✳	29 K
		F_{CWT}			.
	SEISMIC FORCES	R1			.
		R2			.
MAX VERT SPAN GUIDE RAIL SUPPORT					14 FT
CAR AND CWT RAILS RAIL SUPPORT POINTS SHALL HAVE A MAX DEFLECTION OF 1/8" WHEN ACTED UPON BY FORCES R1 AND R2 UPON BY FORCES R1 AND R2					

✳ LOADS SHOWN DO NOT ACT SIMULTANEOUSLY

✳✳ CAR AND CWT RAILS

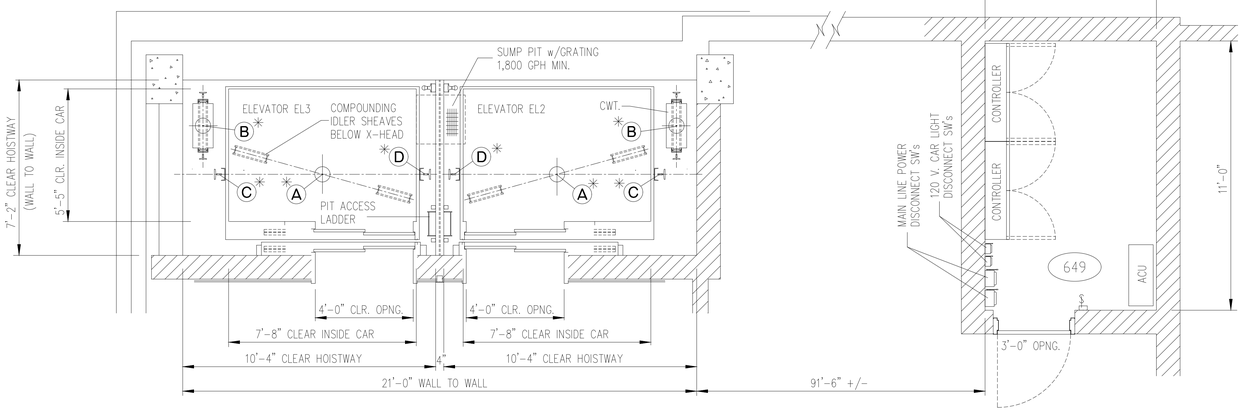
✳✳✳ BUFFER REACTIONS ARE DOUBLED FOR IMPACT

LOADS SHOWN ARE EXTIMATED. COORDINATE FINAL LOADS WITH ELEVATOR MANUFACTURER



OVERHEAD PLAN EL2 & EL3

FINAL LAYOUT AND LOADING IMPACTS/POSITIONS TO BE DETERMINED BY MANUFACTURER



PIT/HOISTWAY PLAN

PARKING STRUCTURE
ELEVATORS EL2 & EL3
4000 LBS AT 350 FPM, 2:1 ROPING

CONTROL ROOM EL2 & EL3
AT FLOOR P6

1. WHERE ELEVATOR HOISTING MACHINE IS SUPPORTED FROM AN OVERHEAD BUILDING STRUCTURE, THE TOTAL ELEVATOR LOAD, INCLUDING LIVE LOADS (DOUBLED FOR IMPACT), WILL NOT EXCEED 70K, EACH ELEVATOR.
SINCE THE LOCATION OF THE SUPPORT BEAMS AND STRUCTURAL LOAD DISTRIBUTION VARY PER MANUFACTURER, COORDINATE THE SUPPORT REQUIREMENTS WITH THE ELEVATOR SHOP DRAWINGS.

2. WHERE ELEVATOR HOISTING MACHINE IS SUPPORTED FROM CAR AND COUNTERWEIGHT GUIDE RAILS AND LOADS ARE BROUGHT DOWN TO PIT FLOOR, THE TOTAL ELEVATOR LOAD WILL BE AS SHOWN ON THESE DRAWINGS. SINCE THE LOCATION OF THE GUIDE RAILS AND STRUCTURAL LOADS VARIES BY MANUFACTURER, COORDINATE THE SUPPORT REQUIREMENTS WITH THE ELEVATOR SHOP DRAWINGS.

3. THE LOCATION AND LIFTING CAPACITY OF THE HOISTING MACHINE BEAM USED FOR INSTALLATION AND MAINTENANCE OF THE ELEVATOR VARY PER MANUFACTURER. MAXIMUM LIFTING CAPACITY OF A BEAM IS 9000 LBS AND CAN BE CONSIDERED AS A POINT LOAD LOCATED APPROXIMATELY IN THE CENTER OF THE ELEVATOR SHAFT. COORDINATE THE LOCATION AND LIFTING REQUIREMENTS OF THESE STRUCTURAL MEMBERS WITH THE ELEVATOR SHOP DRAWINGS.

4. SEISMIC DESIGN AND/OR COUNTERWEIGHT SAFETIES WILL INCREASE HOISTWAY DIMENSIONS AND PIT DEPTH

5. DIMENSIONS ANNOTATED WITH AN ASTERISK (*) VARY PER MANUFACTURER

ALL INFORMATION CONTAINED HEREIN, INCLUDING LAYOUT, DIMENSIONS AND REACTIONS ARE PRELIMINARY ESTIMATES ONLY. FINAL LAYOUT, DIMENSIONS AND REACTIONS SHALL BE CONFIRMED WITH THE ELEVATOR MANUFACTURER.

POWER AND VENTILATION / UNIT
POWER BASED ON 480 V. 3-PHASE, 60 HERTZ

MOTOR HP	HEAT RELEASE BTU/HR/UNIT
40	8,000 BTU PER CONTROLLER 6,000 PER BTU MACHINE

VALUES SHOWN ARE FOR A SINGLE ELEVATOR

LOADS SHOWN ARE ESTIMATED.
COORDINATE FINAL LOADS WITH ELEVATOR MANUFACTURER/ SUPPLIER

MAXIMUM 100'-0" WIRE LENGTH FROM REMOTE MACHINE IN OVERHEAD

ROOM HEIGHT:
7'-0" MIN.
(CLEAR OF LIGHTING, AND FAIDs)

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Performance Elevator Consulting LLC.

PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

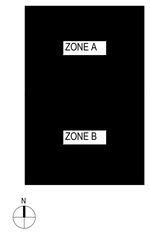
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
.	.
.	.

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

ELEVATOR EL2, EL3
PHASE 1

VT1000-2

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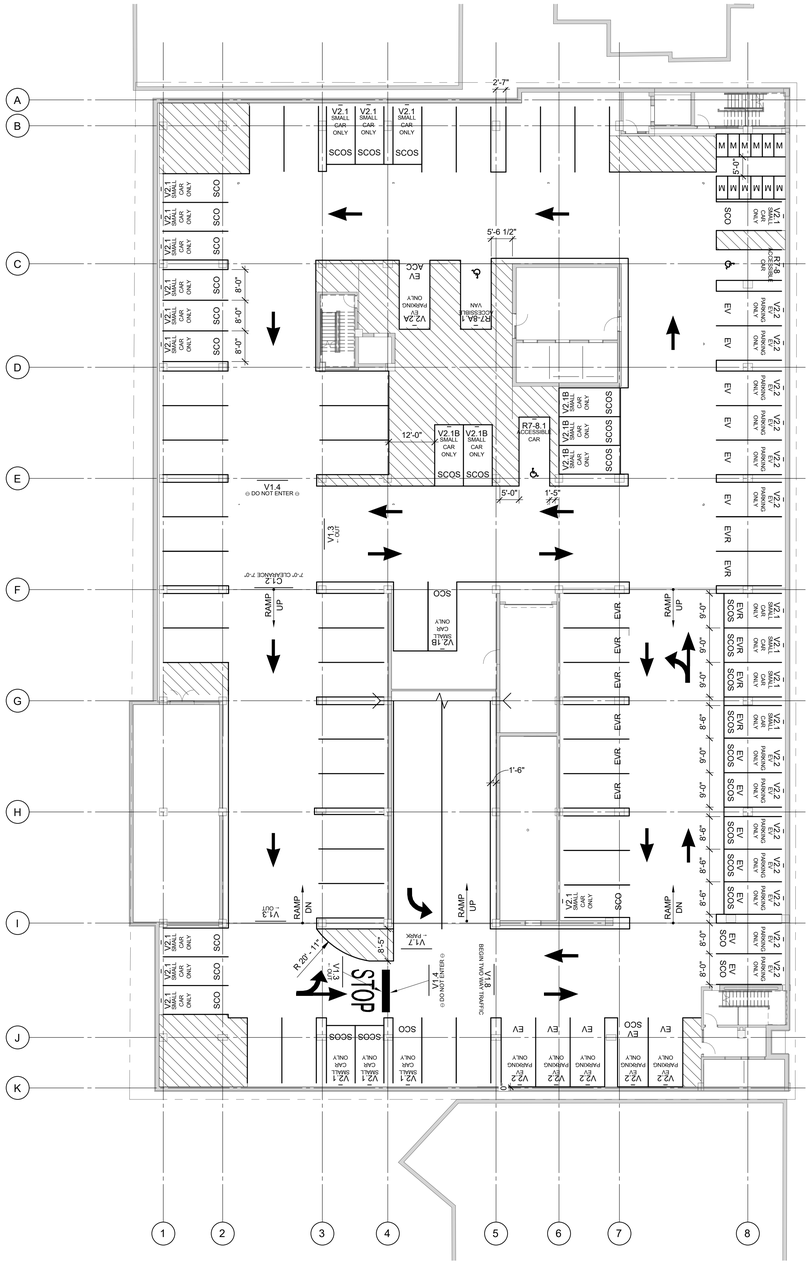
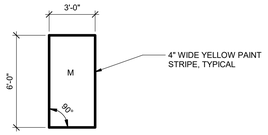


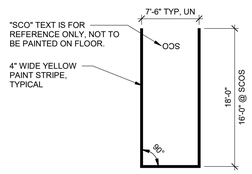
1 LOWER LEVEL STRIPING PLAN

1/16" = 1'-0"

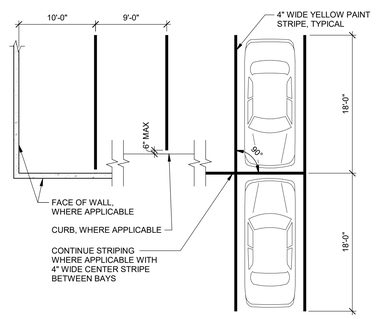
PARKING SCHEDULE - OVERALL									
TIER	STANDARD	COMPACT	ACCESSIBLE CAR	ACCESSIBLE VAN	EV ACCESSIBLE VAN	EV	COMPACT EV	EV READY	TOTAL
LOWER LEVEL	34	23	2	1	1	10	12	8	91
1ST FLOOR	8	3	0	0	0	5	0	3	19
P2	39	10	2	0	0	0	2	23	76
P3	40	10	1	1	1	0	2	23	78
P4	42	14	0	1	1	0	2	23	83
P5	55	15	2	0	0	0	1	10	83
P6	53	15	2	0	0	0	1	0	71
TOTAL	271	90	9	3	3	15	20	90	501



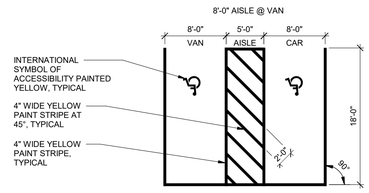
5 MOPED STRIPING DETAIL



4 SCO/SCOS STRIPING DETAIL



3 90° STRIPING DETAIL



2 90° STRIPING DETAIL

SHEET NOTES

1. INDICATES PLAN MATCH LINE.
2. FOR TYPICAL STRIPING DETAILS AND FLOOR ARROWS, SEE SHEET PG1000-1.
3. ALL DIMENSIONS FOR STRIPING ARE FROM FACE OF COLUMN OR INSIDE FACE OF WALL UNO.
4. SPACES ARE CENTERED BETWEEN COLUMNS, UN.
5. SEE ARCHITECTURAL SHEET FOR BICYCLE PARKING REQUIREMENTS AND LOCATIONS.
6. PG SHEETS ARE FOR STRIPING AND VEHICULAR WAYFINDING SIGNAGE ONLY, SEE ARCHITECTURAL DRAWINGS FOR ALL OTHER ITEMS.
7. "SCO", "SCOS", "EV", "EVR", "ADA EV" AND "VAN" TEXT IS FOR REFERENCE ONLY, NOT TO BE PAINTED ON FLOOR.

SIGN TYPE LEGEND:

MARK	TYPE
V	VEHICULAR (RETROREFLECTIVE TEXT ONLY)
R	REGULATORY (RETROREFLECTIVE)
PVC	PVC CLEARANCE

SIGN KEY

V1.0 — MARK (SEE SIGN SCHEDULE)

FACE OF SIGN

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PROJECT INFORMATION

STATE STREET CAMPUS

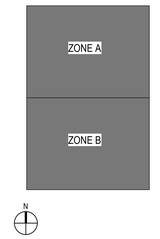
415 N. LAKE STREET MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



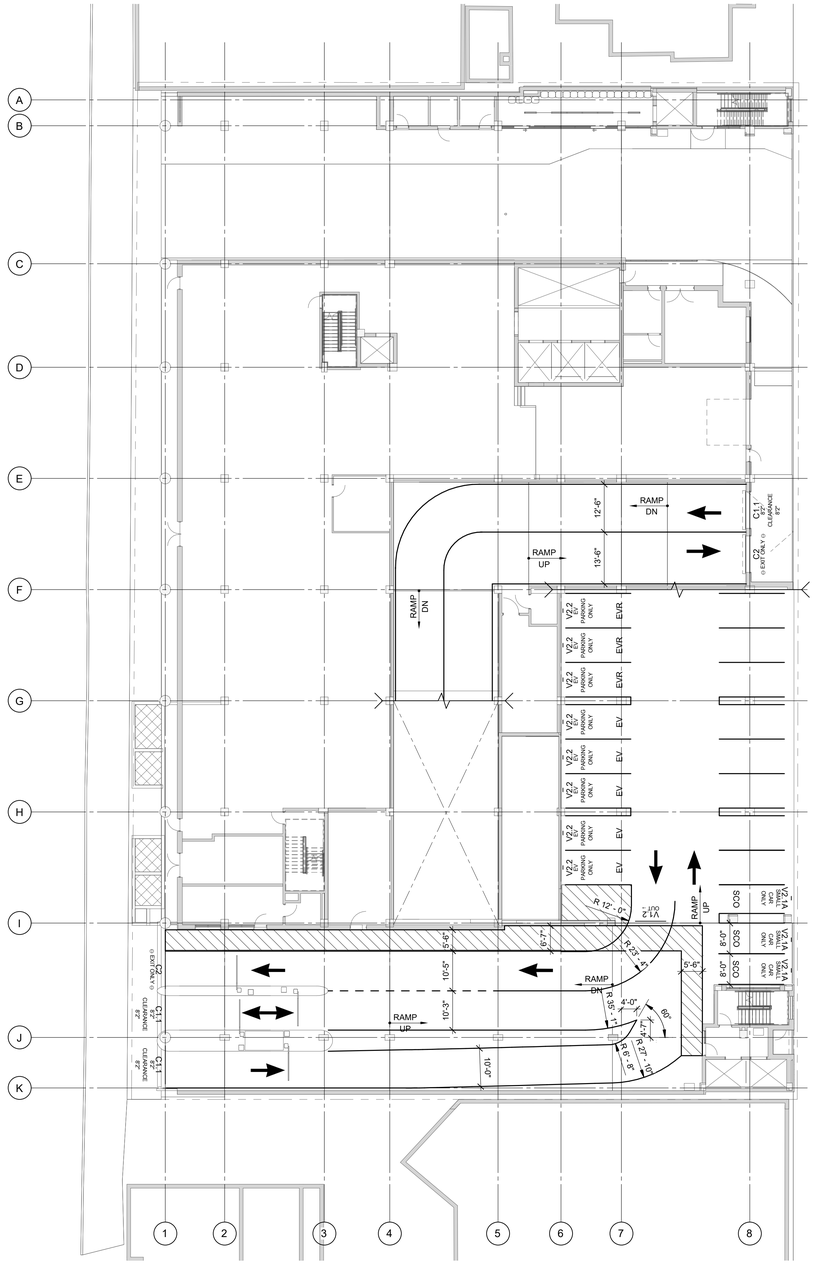
SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 13-003947.00

LOWER LEVEL STRIPING PLAN

PG1000-1



1 1ST FLOOR STRIPING PLAN
1/16" = 1'-0"

SHEET NOTES

1. SEE SHEET PG1000-1 FOR TYPICAL SHEET NOTES AND LOCATIONS OF TYPICAL DETAIL REFERENCES, UN.

SIGN TYPE LEGEND:

MARK	TYPE
V	VEHICULAR (RETROREFLECTIVE TEXT ONLY)
R	REGULATORY (RETROREFLECTIVE)
PVC	PVC CLEARANCE

SIGN KEY

V1.0
MARK (SEE SIGN SCHEDULE)
FACE OF SIGN

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PROJECT INFORMATION

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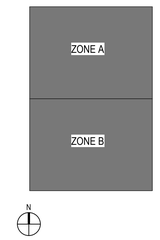
DATE	DESCRIPTION

KEY PLAN



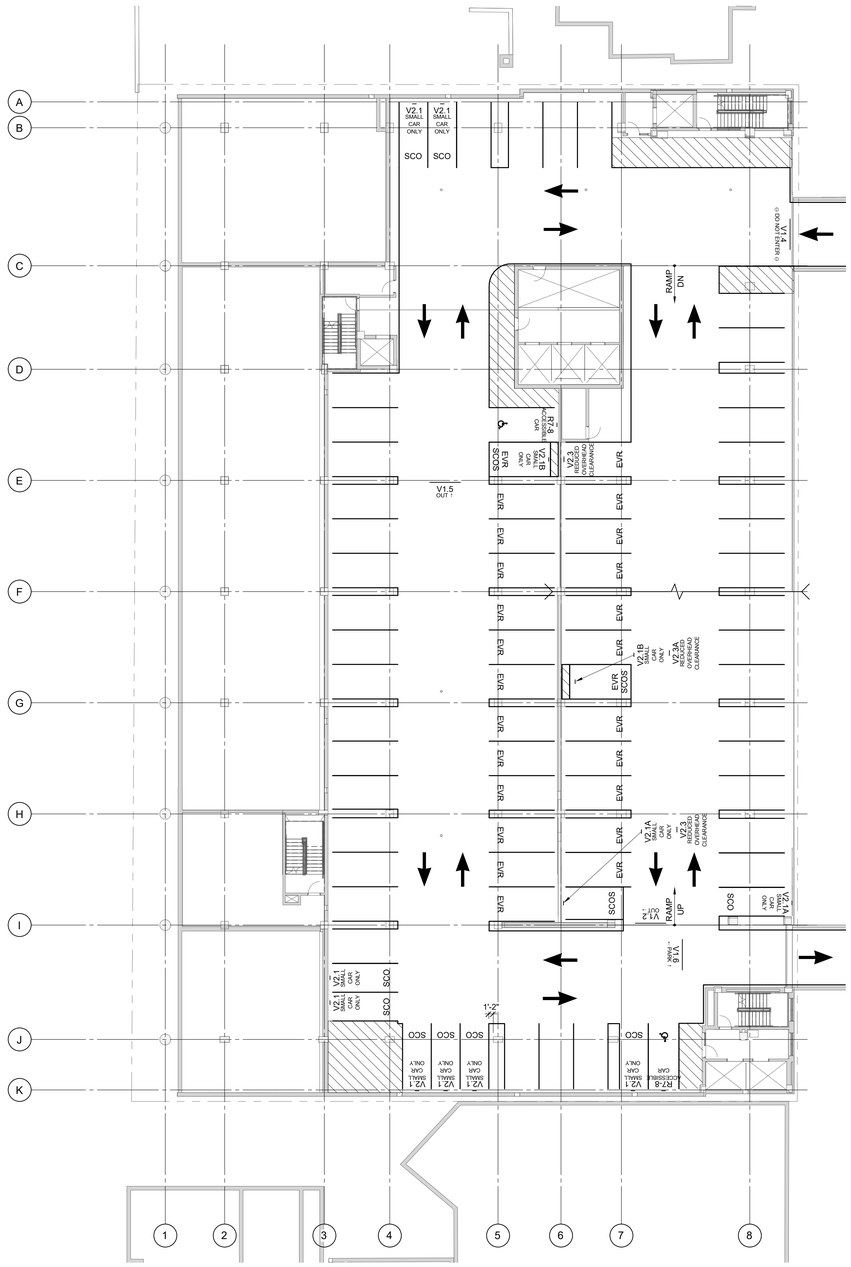
SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 13-003947.00

1ST FLOOR STRIPING PLAN

PG1001-1



1 P2 STRIPING PLAN
1/16" = 1'-0"

SHEET NOTES

1. SEE SHEET PG1000-1 FOR TYPICAL SHEET NOTES AND LOCATIONS OF TYPICAL DETAIL REFERENCES, UN.

SIGN TYPE LEGEND:

MARK	TYPE
V	VEHICULAR (RETROREFLECTIVE TEXT ONLY)
R	REGULATORY (RETROREFLECTIVE)
PVC	PVC CLEARANCE

SIGN KEY

V10 — MARK (SEE SIGN SCHEDULE)
FACE OF SIGN

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PROJECT INFORMATION

STATE STREET CAMPUS

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MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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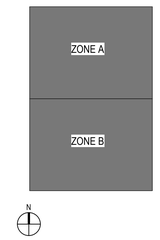
KEY PLAN



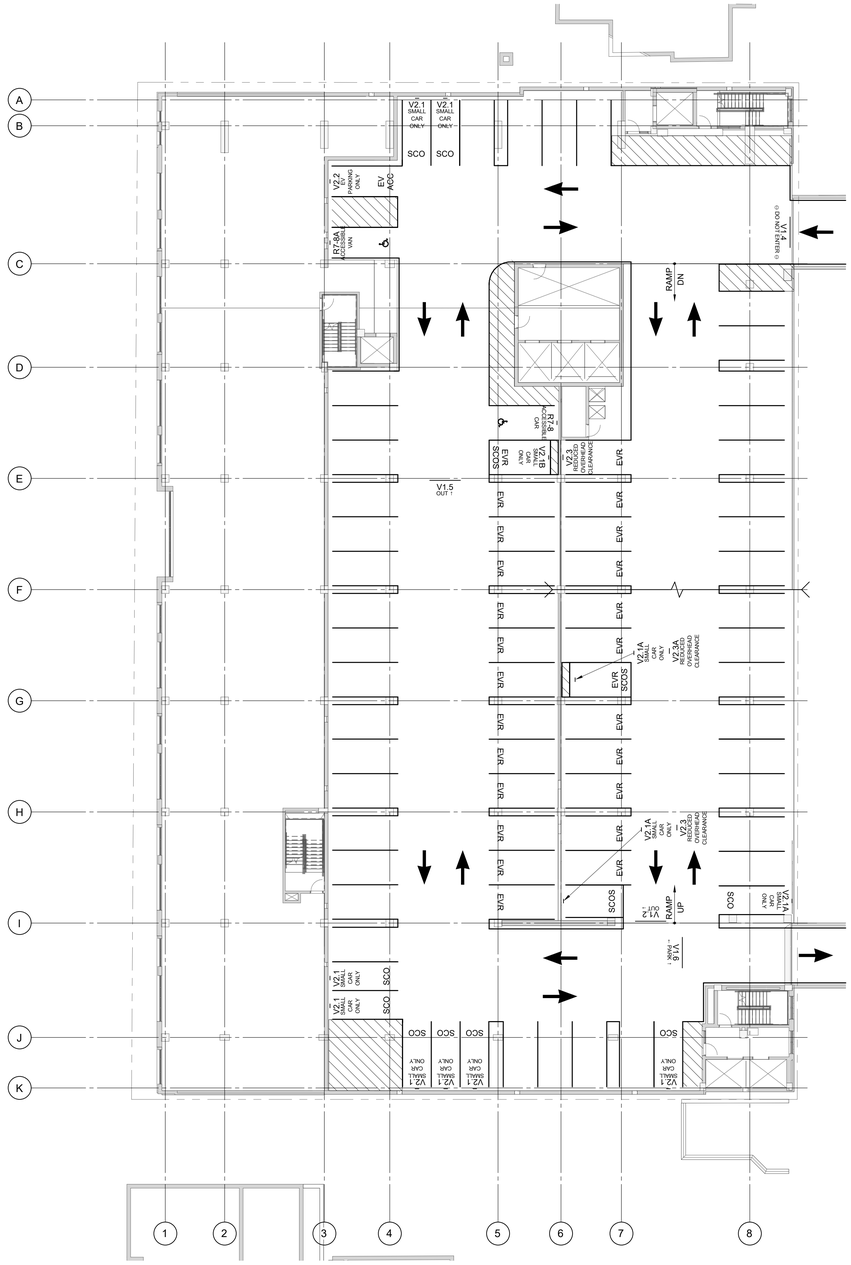
SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 13-003947.00

P2 STRIPING PLAN

PG1002-1



1 P3 STRIPING PLAN

1/16" = 1'-0"

SHEET NOTES

1. SEE SHEET PG1000-1 FOR TYPICAL SHEET NOTES AND LOCATIONS OF TYPICAL DETAIL REFERENCES, UN.

SIGN TYPE LEGEND:

MARK	TYPE
V	VEHICULAR (RETROREFLECTIVE TEXT ONLY)
R	REGULATORY (RETROREFLECTIVE)
PVC	PVC CLEARANCE

SIGN KEY

V1.0
- MARK (SEE SIGN SCHEDULE)
- FACE OF SIGN

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PROJECT INFORMATION

STATE STREET CAMPUS

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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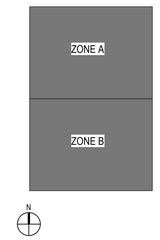
DATE	DESCRIPTION

KEY PLAN



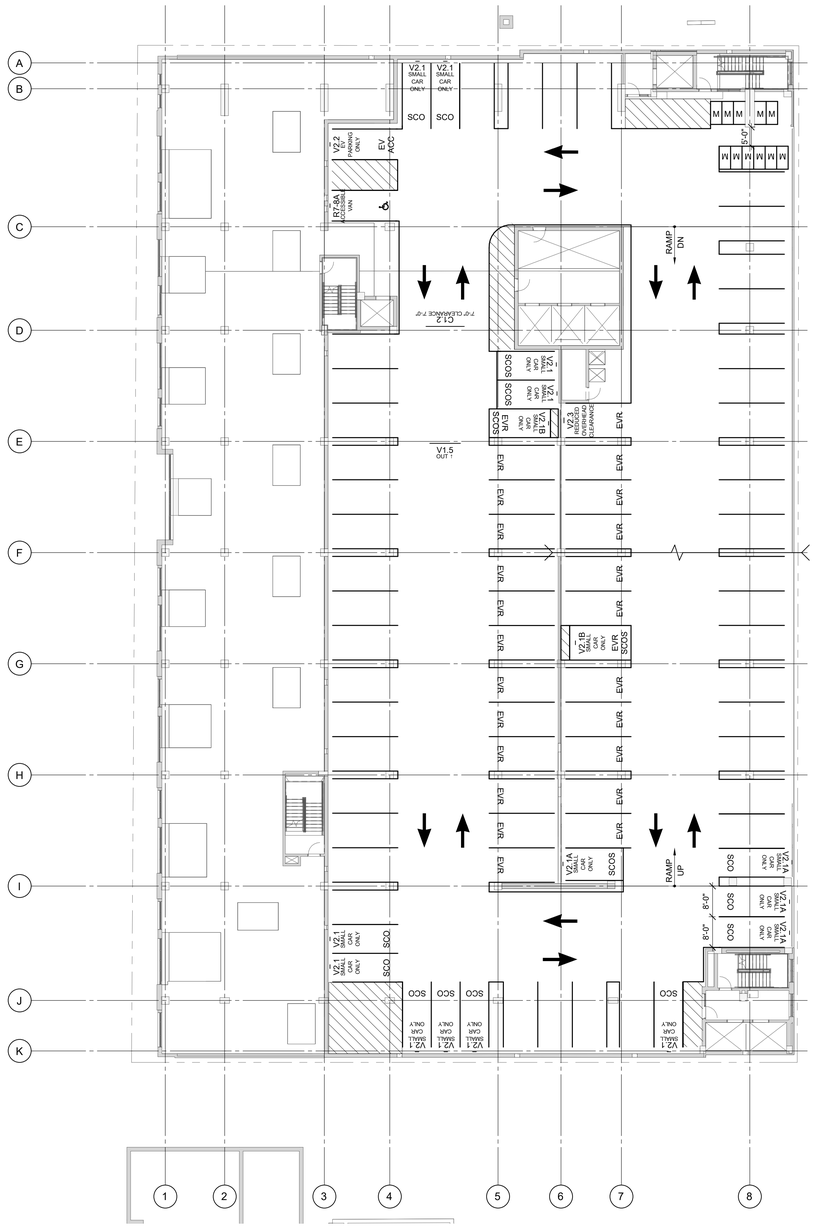
SHEET INFORMATION

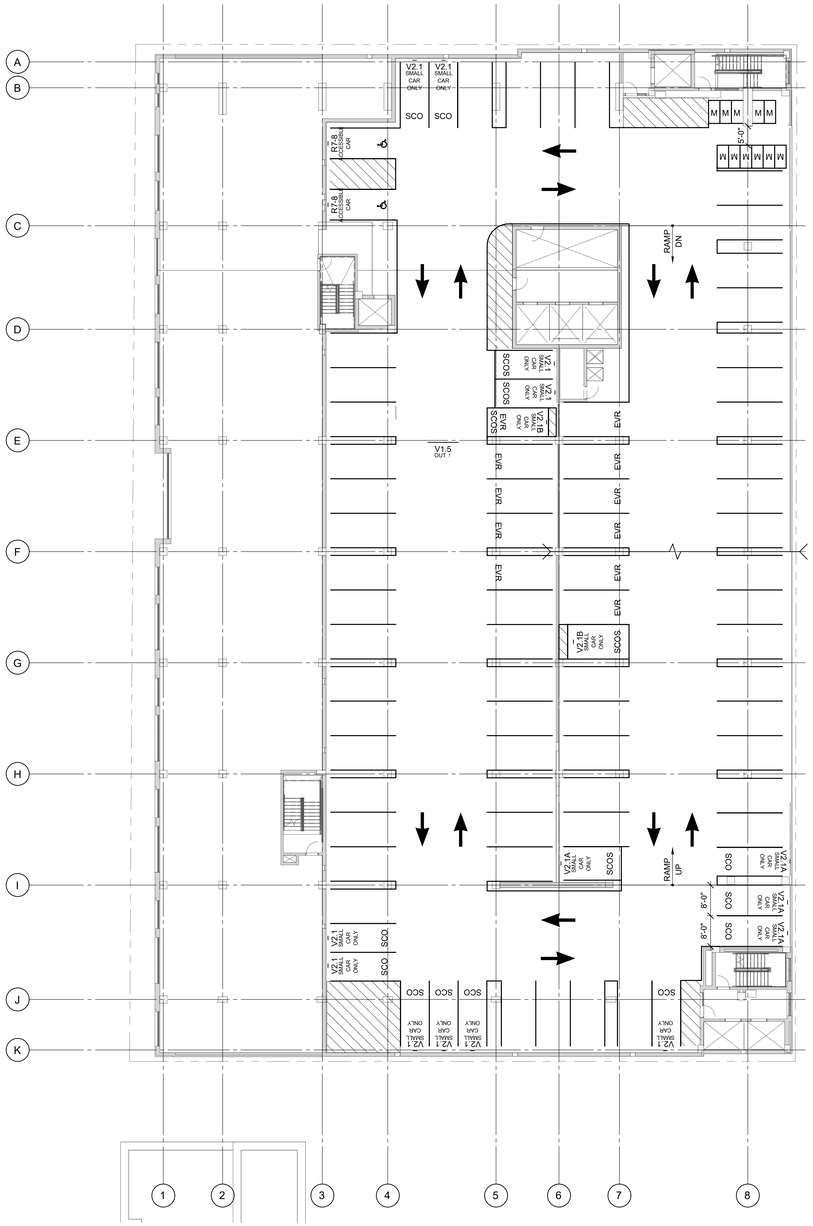
PROJECT MANAGER

PROJECT NUMBER 13-003947.00

P3 STRIPING PLAN

PG1003-1


V2.1 SMALL CAR ONLY
SCO
V2.2 VAN PARKING ONLY
EV ACC
R7-8A ACCESSIBLE VAN
C1.2 7'-0" CLEARANCE 7'-0"
RAMP DN
V2.3 ELECTRIFIED OVERHEAD CHARGING
EVR
V1.5 OUT 1
V2.1A SMALL CAR ONLY
SCOS
V1.1 SMALL CAR ONLY
V1.1B SMALL CAR ONLY
M
W
5'-0"
RAMP UP
8'-0"
V2.1 SMALL CAR ONLY
V2.1A SMALL CAR ONLY
V2.1 SMALL CAR ONLY
V1.1 SMALL CAR ONLY
V1.1B SMALL CAR ONLY
V2.1A



1 P5 STRIPING PLAN
1/16" = 1'-0"

SHEET NOTES

1. SEE SHEET PG1000-1 FOR TYPICAL SHEET NOTES AND LOCATIONS OF TYPICAL DETAIL REFERENCES, UN.

SIGN TYPE LEGEND:

MARK	TYPE
V	VEHICULAR (RETROREFLECTIVE TEXT ONLY)
R	REGULATORY (RETROREFLECTIVE)
PVC	PVC CLEARANCE

SIGN KEY

V1.0 — MARK (SEE SIGN SCHEDULE); FACE OF SIGN

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PROJECT INFORMATION

STATE STREET CAMPUS

415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

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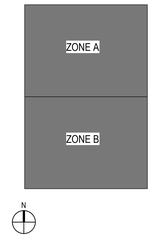
KEY PLAN



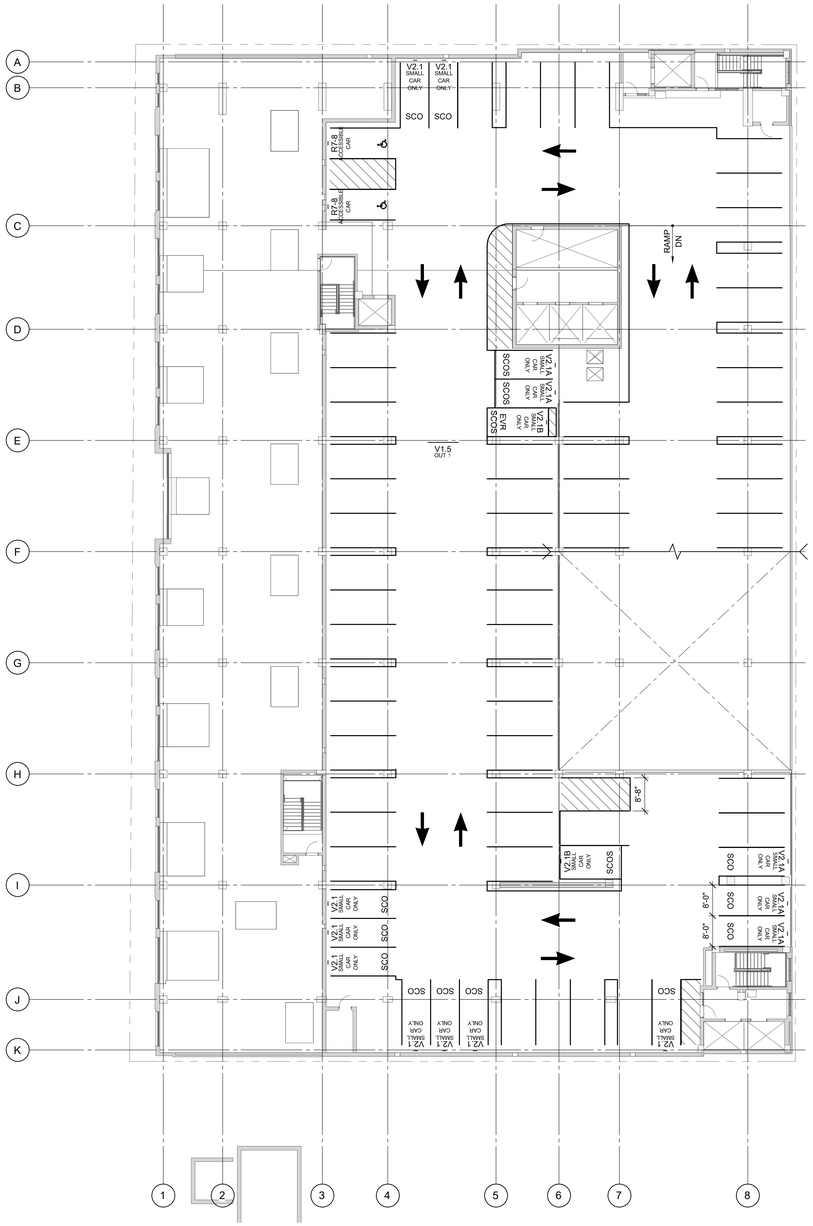
SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 13-003947.00

P5 STRIPING PLAN

PG1005-1



1 P6 STRIPING PLAN
1/16" = 1'-0"

SHEET NOTES

1. SEE SHEET PG1000-1 FOR TYPICAL SHEET NOTES AND LOCATIONS OF TYPICAL DETAIL REFERENCES, UN.

SIGN TYPE LEGEND:

MARK	TYPE
V	VEHICULAR (RETROREFLECTIVE TEXT ONLY)
R	REGULATORY (RETROREFLECTIVE)
PVC	PVC CLEARANCE

SIGN KEY

V1.0 — MARK (SEE SIGN SCHEDULE)
FACE OF SIGN

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PROJECT INFORMATION

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MADISON, WI 53715

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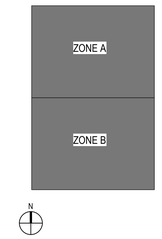
DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 13-003947.00

P6 STRIPING PLAN

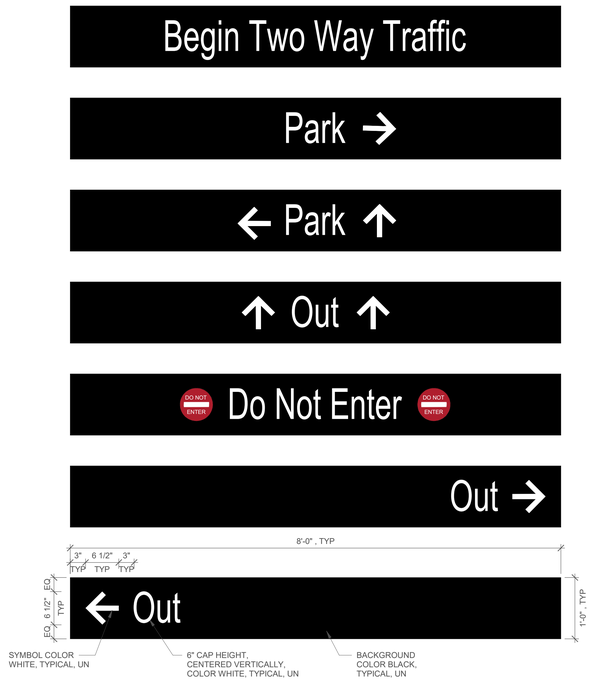
PG1006-1

SIGN SCHEDULE								
MARK	HEIGHT	LENGTH	MESSAGE	TYPE	SIGN DETAIL	MOUNTING DETAIL	MOUNTING HEIGHT	REMARKS
C1.1	0' - 10"	10' - 0"	8-2" CLEARANCE 8'-2"	PVC	2/PG601	1/PG701	8'-2"	
C1.2	0' - 10"	10' - 0"	7-0" CLEARANCE 7'-0"	PVC	2/PG601	6/PG701	7'-0"	
C2	0' - 10"	10' - 0"	□ EXIT ONLY □	PVC	3/PG601	1/PG701	8'-2"	
R7-8	1' - 6"	1' - 0"	ACCESSIBLE CAR	R	1/PG601	3/PG701	5'-0"	
R7-8.1	1' - 6"	1' - 0"	ACCESSIBLE CAR	R	1/PG601	5/PG701	5'-0"	
R7-8A	2' - 1"	1' - 0"	ACCESSIBLE VAN	R	1/PG601	3/PG701	5'-0"	
R7-8A.1	2' - 1"	1' - 0"	ACCESSIBLE VAN	R	1/PG601	5/PG701	5'-0"	
V1.2	1' - 0"	8' - 0"	OUT →	V	4/PG601	2/PG701	8'-2"	
V1.3	1' - 0"	8' - 0"	← OUT	V	4/PG601	2/PG701	8'-2"	
V1.4	1' - 0"	8' - 0"	□ DO NOT ENTER □	V	4/PG601	2/PG701	8'-2"	
V1.5	1' - 0"	8' - 0"	OUT ↑	V	4/PG601	2/PG701	8'-2"	
V1.6	1' - 0"	8' - 0"	← PARK ↑	V	4/PG601	2/PG701	8'-2"	
V1.7	1' - 0"	8' - 0"	← PARK	V	4/PG601	2/PG701	8'-2"	
V1.8	1' - 0"	8' - 0"	BEGIN TWO WAY TRAFFIC	V	4/PG601	2/PG701	8'-2"	
V2.1	1' - 6"	1' - 0"	SMALL CAR ONLY	V	1/PG601	3/PG701	5'-0"	
V2.1A	1' - 6"	1' - 0"	SMALL CAR ONLY	V	1/PG601	4/PG701	SEE DETAIL 4/PG701	
V2.1B	1' - 6"	1' - 0"	SMALL CAR ONLY	V	1/PG601	5/PG701	5'-0"	
V2.2	1' - 6"	1' - 0"	EV PARKING ONLY	V	1/PG601	3/PG701	5'-0"	
V2.2A	1' - 6"	1' - 0"	EV PARKING ONLY	V	1/PG601	5/PG701	5'-0"	
V2.3	1' - 6"	1' - 4"	REDUCED OVERHEAD CLEARANCE	V	1/PG601	4/PG701	5'-0"	
V2.3A	1' - 6"	1' - 4"	REDUCED OVERHEAD CLEARANCE	V	1/PG601	5/PG701	5'-0"	

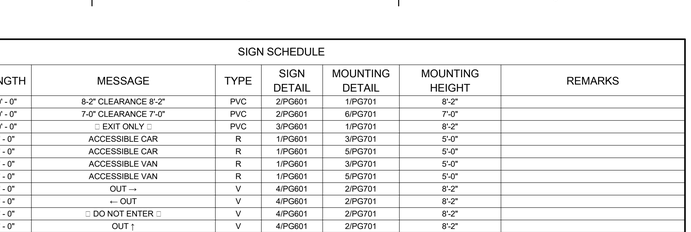
1. SEE "PG1000" SERIES FOR SIGN LOCATIONS.
2. SIGN CONTRACTOR SHALL REVIEW SIGN LOCATIONS PRIOR TO INSTALLATION WITH ENGINEER TO COORDINATE WITH MEP/FP SYSTEMS.
3. SIGNS SHALL BE MOUNTED LEVEL AND PLUMB, UNLESS NOTED.
4. WHERE TWO (2) SIGNS ARE MOUNTED BACK TO BACK, SMALLEST "L" DIMENSION SHALL INCREASE TO MATCH LARGEST "L" DIMENSION.
5. MAXIMUM BOLT INSERT EMBEDMENT LENGTH SHALL BE 1-1/4", UNLESS NOTED.
6. DO NOT SCALE DRAWINGS.
7. BACKS AND EDGES OF ALL ALUMINUM SIGNS MOUNTED DIRECTLY TO STRUCTURE SHALL BE PAINTED SIGN BACKGROUND COLOR.
8. ALL FONTS SHALL BE HELVETICA, UNLESS NOTED.



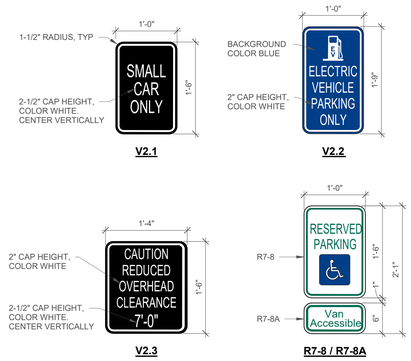
3 CLEARANCE BAR DO NOT ENTER



4 VEHICULAR SIGNS



2 CLEARANCE BAR STANDARD



1 PARKING SIGN DETAIL

SHEET NOTES

milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET CAMPUS

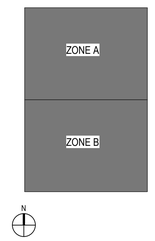
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS GARAGE MIXED-USE PROJECT, CONTRACT NO. 9361, Exhibit-A: Drawings Volume 1, dated 10/2/2023

ISSUANCE AND REVISIONS

DATE	DESCRIPTION

KEY PLAN



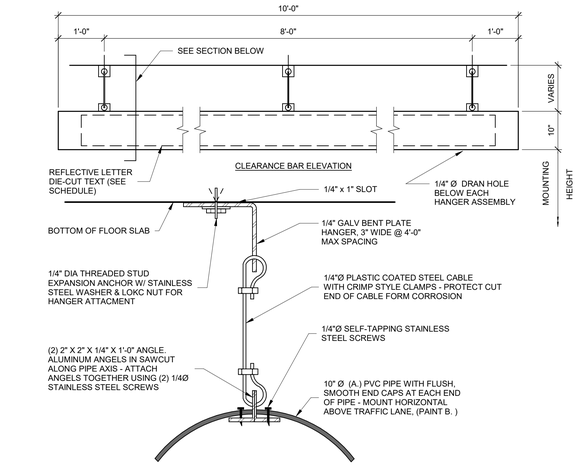
SHEET INFORMATION

PROJECT MANAGER

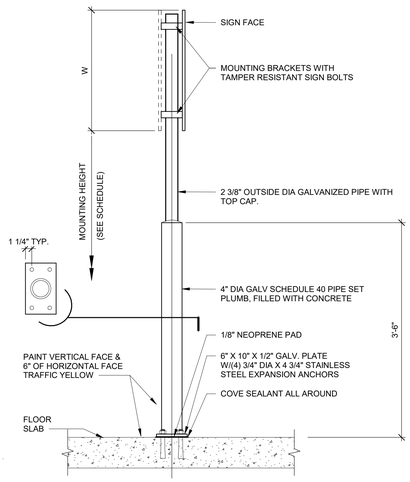
PROJECT NUMBER 13-003947.00

SIGN SCHEDULE AND DETAILS

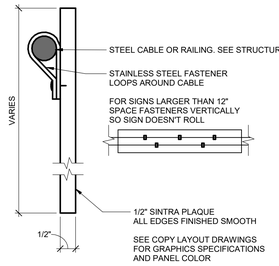
PG601



6 SIGN MOUNTING DETAIL

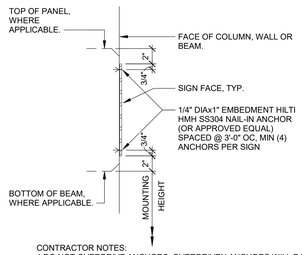


5 SIGN DETAIL MOUNT - PIPE



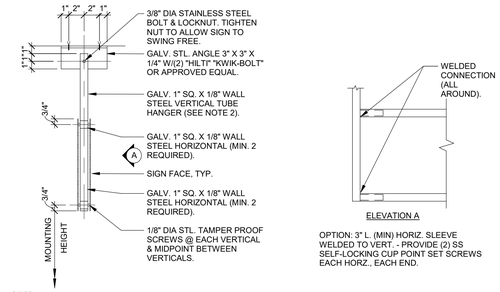
NOTE: USE HIGHEST AVAILABLE CABLE FOR SIGN MOUNTING

4 CABLE OR RAILING MOUNTING



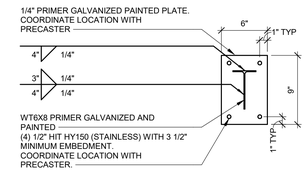
CONTRACTOR NOTES:
1.DO NOT OVERDRIVE ANCHORS. OVERDRIVEN ANCHORS WILL DAMAGE SIGNS.
2. WHERE TOP OF PANEL OR BOTTOM OF BEAM CONDITION OCCURS; MAINTAIN CONSTANT 2" DIMENSION FROM TOP OF PANEL OR BOTTOM OF BEAM TO SIGN AS SHOWN.

3 FLUSH

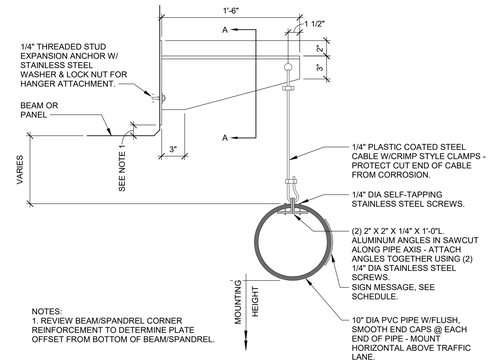


NOTES:
1. HANGER SPACING 3'-0" OC MAX. - MIN. (2) HANGERS PER SIGN.
2. OPTIONAL HANGER CONNECTION - 3/8" STAINLESS STEEL CLEVIS PIN W/HAIRPIN COTTER.
3. MAX SIGN CANTILEVER 1'-0".

2 HANGING



SECTION A-A



NOTES:
1. REVIEW BEAM/SPANDREL CORNER REINFORCEMENT TO DETERMINE PLATE OFFSET FROM BOTTOM OF BEAM/SPANDREL.

1 CLEARANCE BAR SECTION

SHEET NOTES

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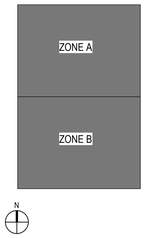

SHEET INFORMATION

PROJECT MANAGER

PROJECT NUMBER 13-003947.00

SIGN MOUNTING DETAILS

PG701