



STATE STREET CAMPUS GARAGE MADISON, WI 20448

OWNER:	CITY OF MADISON
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	12/19/2023

Please submit an itemized proposal for changes in the CONTRACT SUM and/or the CONTRACT TIME for proposed modifications to the Contract Documents described herein. This proposal must itemize all associated direct (hard) costs, indirect (soft) costs, and consequential costs.

Proceeding with the Work in accordance with these instructions prior to the acceptance by the ARCHITECT and the OWNER of the itemized proposal for changes indicates that the CONTRACTOR acknowledges that there will be no change in the CONTRACT SUM and/or the CONTRACT TIME. The CONSTRUCTION BULLETIN is an administrative form and not intended to modify the contract for construction.

This is not a CHANGE ORDER or a DIRECTION TO PROCEED with the work described in the proposed modifications.

I. PROJECT MANUAL

SPECIFICATIONS

No changes

II. CONSTRUCTION DOCUMENTS

CIVIL Sheets (C)

C400 GRADING PLAN – PHASE 1 & 2

REVISE SPOT ELEVATIONS ALONG LAKE STREET SIDEWALK TO REFLECT CITY DESIGN.

ADD DETAIL SPOT ELEVATIONS ALONG BUILDING FAÇADE.

REVISE EXIT SLOPE FROM BUILDING TO PUBLIC WALK AT MAIN FIRST FLOOR ENTRY POINT

ADD LANDING, STEPS, AND HANDRAILS TO NORTHWEST EXIT AT TRANSIT HUB.

ADD SPOT ELEVATIONS AND SLAB SLOPES WITHIN THE BUILDING AT TRANSIT HUB EXIT.

REVISE SPOT ELEVATIONS ALONG HAWTHORNE COURT TO REFLECT CITY DESIGN.

ADD STEP AND RAILING AT SOUTHEAST BUILDING EXIT.

C401 EROSION CONTROL PLAN – PHASE 1

ADD TRENCH DRAIN INLET PROTECTION AND CURB INLET PROTECTION TO HAWTHORNE COURT INLETS.

STRUCTURAL Sheets (S)

S1000-B-1 FOUNDATION PLAN – ZONE B – PHASE 1
REVISE COLUMN LOCATION AT GRIDS J-2

S1001-1 1ST FLR FRAMING PLAN – OVERALL – PHASE 1
ADD DETAIL 8/S3001-1 SECTION FOR STOOP AT NW CORNER
REVISE SLAB THICKNESS
ADD NOTE AND SLAB DIAGRAMS FOR 14" SLAB
REVISE SLAB DIAGRAM DIMENSION AT GRID I
ADD SHADED REGIONS WITH KEYED NOTE "G" FOR SLAB DEPRESSIONS

S1001-A-1 1ST FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE SLAB THICKNESS
REVISE PT ORDINATES AT THICKER SLAB
REVISE PT FORCES
REVISE REINFORCEMENT
ADD TOP BAR AROUND OPENINGS
ADD BOTTOM BAR AT SLAB STEP
ADD KEYED NOTES "G" & "H" (ADDED TO ALL PLAN SHEETS)

S1001-B-1 1ST FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE COLUMN LOCATION AT GRIDS J-2
REVISE PT ORDINATES
REVISE PT FORCES
REVISE/ADD TOP & BOTTOM REINFORCEMENT

S1002-1 P2 FLR FRAMING PLAN – OVERALL – PHASE 1
ADD TEMPORARY INFILL WALL NOTE AT BRIDGES

S1002-A-1 P2 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TOP BAR AROUND OPENINGS

S1002-B-1 P2 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE COLUMN LOCATION AT GRIDS J-2
ADD TOP BAR AROUND OPENINGS

S1003-1 P3 FLR FRAMING PLAN – OVERALL – PHASE 1
ADD TEMPORARY INFILL WALL NOTE AT BRIDGES

S1003-A-1 P3 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TOP BAR AROUND OPENINGS

S1003-B-1 P3 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE COLUMN LOCATION AT GRIDS J-2
ADD TOP BAR AROUND OPENINGS

S1004-A-1 P4 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TOP BAR AROUND OPENINGS

S1004-B-1 P4 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE COLUMN LOCATION AT GRIDS J-2
ADD TOP BAR AROUND OPENINGS
ADD KEYED NOTE "H" REGARDING BEAM PENETRATION TO PLAN

S1005-A-1 P5 FLR FRAMING PLAN – ZONE A – PHASE 1

ADD TOP BAR AROUND OPENINGS

S1005-B-1 P5 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE COLUMN LOCATION AT GRIDS J-2
ADD TOP BAR AROUND OPENINGS

S1006-A-1 P6 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TOP BAR AROUND OPENINGS

S1006-B-1 P6 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE COLUMN LOCATION AT GRIDS J-2
ADD TOP BAR AROUND OPENINGS
ADD KEYED NOTE “H” REGARDING BEAM PENETRATION TO PLAN

S1007-1 7TH FLR FRAMING PLAN – OVERALL – PHASE 1
ADD JOG IN SLAB EDGE AND DIMENSIONS AT OVERHEAD DOOR
ADD LOCATING DIMENSIONS AT SLAB STEPS

S1007-A-1 7TH FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TOP BAR AROUND OPENINGS

S1007-B-1 7TH FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE COLUMN LOCATION AT GRIDS J-2
ADD BAR AROUND OPENINGS
REVISE EXTENTS OF REINFORCEMENT AT SE ELEVATORS

S2000-1 CONCRETE COLUMN SCHEDULE – PHASE 1
ADD COLUMN TYPE “C10-1D”
ADD LOCATING DIMENSIONS TO KEY PLAN FOR PHASE 2 COLUMN
DELETE BARRIER CABLE ANCHORAGE SECTION FROM DETAIL 5
REVISE MAX PRE-TENSIONING FORCE IN DETAIL 5
ADD DETAIL 6

S2010-1 CONCRETE SHEAR WALL ELEVATIONS – PHASE 1
REVISE TYPICAL OPENING HEIGHT IN GENERAL NOTES
REVISE DETAIL B TO INCLUDE PT ANCHOR AND DOWEL SPACING

S3001-1 FOUNDATION WALL DETAILS
ADD DETAIL 8

S3011-1 BRIDGE DETAILS
ADD DETAIL SECTIONS AND NOTES TO PLAN REGARDING TEMPORARY INFILL WALL
ADD DETAIL SECTIONS AT SNOW CHUTES
REVISE DETAIL 9
ADD DETAILS 10 & 11

S4001-1 CONCRETE FRAMING DETAILS
REVISE STUD LENGTH FOR EP10-1
REVISE NUMBER OF STUDS FOR SR3-1
DELETE UNUSED STUD RAIL TYPES

ARCHITECTURAL Sheets (A)

A000-1 BUILDING SYSTEMS & PARTITIONS

ADD R-VALUE DATA TO BUILDING ASSEMBLIES

A1000-1 LOWER LEVEL OVERALL - PHASE 1
REVISE LOCATION OF BIKE PARKING AND STALL ACCESS AISLE

A1000-A-1 LOWER LEVEL - ZONE A - PHASE 1
REVISE LOCATION OF BIKE PARKING AND STALL ACCESS AISLE
ADD NEW WOOD PARKING BUMPER DETAILS
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1000-B-1 LOWER LEVEL - ZONE B - PHASE 1
REVISE PARKING STALL LOCATION BY 1" AS A RESULT OF J2 COLUMN SHIFT
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1001-1 1ST FLR OVERALL - PHASE 1
REVISE LAKE STREET SIDEWALK TO MATCH CIVIL DRAWINGS
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1001-A-1 1ST FLR - ZONE A - PHASE 1
REVISE LAKE STREET SIDEWALK TO MATCH CIVIL DRAWINGS
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1001-B-1 1ST FLR - ZONE B - PHASE 1
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED
REVISE LAKE STREET ELEVATION TO MATCH CIVIL DRAWINGS

A1002-1 P2 FLR OVERALL - PHASE 1
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1002-A-1 P2 FLR -ZONE A - PHASE 1
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED
REVISE KEYNOTE 0551-05 TO HORIZONTAL

A1002-B-1 P2 FLR -ZONE B - PHASE 1
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1003-1 P3 FLR OVERALL - PHASE 1
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1003-A-1 P3 FLR -ZONE A - PHASE 1
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED
REVISE KEYNOTE 0551-05 TO HORIZONTAL

A1003-B-1 P3 FLR -ZONE B - PHASE 1
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED
ADD NEW WOOD PARKING BUMPER DETAILS

A1004-1 P4 FLR OVERALL - PHASE 1
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1004-A-1 P4 FLR -ZONE A - PHASE 1
REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED
REVISE KEYNOTE 0551-05 TO HORIZONTAL

A1004-B-1 P4 FLR -ZONE B - PHASE 1

REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1005-1 P5 FLR OVERALL - PHASE 1

REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1005-A-1 P5 FLR -ZONE A - PHASE 1

REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

REVISE KEYNOTE 0551-05 TO HORIZONTAL

A1005-B-1 P5 FLR -ZONE B - PHASE 1

REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1006-1 P6 FLR OVERALL - PHASE 1

REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1006-A-1 P6 FLR -ZONE A - PHASE 1

REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1006-B-1 P6 FLR -ZONE B - PHASE 1

REVISE GENERAL NOTE COMMENT #9. "FULL SCOPE OF WORK LINE" IS ELIMINATED

A1011-1 1ST FLR OVERALL SLAB EDGE PLAN - PHASE 1

ADD 3/4" SLAB DEPRESSION TO FLOOR

A1011-A-1 1ST FLR SLAB EDGE PLAN - ZONE A - PHASE 1

ADD 3/4" SLAB DEPRESSION TO FLOOR

A3101-1 WALL SECTIONS - PHASE 1

DELETE EXPANSION JOINT DETAIL

A3200-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1

REVISE KEYNOTE 0551-05 TO HORIZONTAL

A5100-1 EXTERIOR DETAILS - PHASE 1

DELETE EXPANSION JOINT DETAIL

ADD WOOD BUMPER DETAIL

A5103-1 EXTERIOR DETAILS - PHASE 1

REMOVES "PAY AS" NOTE ON DETAIL D3

PLUMBING Sheets (P)

P1000-A-1 LOWER LEVEL - ZONE A - PHASE 1 - PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING AT LAKE STREET AND HAWTHORNE CT ENTRANCES.

P1000-B-1 LOWER LEVEL - ZONE B - PHASE 1 - PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING AT LAKE STREET AND HAWTHORNE CT ENTRANCES.

P1001-A-1 1ST FLR - ZONE A – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING AT LAKE STREET AND HAWTHORNE CT ENTRANCES.

REVISE PIPE ROUTING TO RESOLVE COORDINATION ITEM.

P1001-B-1 1ST FLR - ZONE B – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING AT LAKE STREET AND HAWTHORNE CT ENTRANCES.

REVISE LOCATION OF CLEARWATER WASTE HUB DRAIN TO RESOLVE COORDINATION ITEM.

P1005-B-1 P5 FLR - ZONE B – PHASE 1 – PLUMBING

REVISE PIPE ROUTING AND ADDED VENTING TO RESOLVE COORDINATION ITEM WITH PHASE 2.

P1006-B-1 P6 FLR - ZONE B – PHASE 1 – PLUMBING

REVISE PIPE ROUTING AND ADDED VENTING TO RESOLVE COORDINATION ITEM WITH PHASE 2.

P4001-1 WASTE AND VENT ISOMETRICS - PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING AT LAKE STREET AND HAWTHORNE CT ENTRANCES.

REVISE PIPE ROUTING TO RESOLVE COORDINATION ITEM.

P4003-1 WASTE AND VENT ISOMETRICS - PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING AT LAKE STREET AND HAWTHORNE CT ENTRANCES.

REVISE PIPE ROUTING AND ADDED VENTING TO RESOLVE COORDINATION ITEM WITH PHASE 2.

P4201-1 STORM ISOMETRICS – PLUMBING

REVISE LOCATION OF CLEARWATER WASTE HUB DRAIN TO RESOLVE COORDINATION ITEM.

MECHANICAL Sheets (M)

M1001-1 1ST FLR OVERALL – PHASE 1 – HVAC

ADD VENTILATION AIR TO PARKING ATTENDANT BOOTH CEILING DIFFUSER.

REVISE COOLING COIL CONDENSATE FROM FCU-3.

M1001-B-1 1ST FLR – ZONE B – PHASE 1 – HVAC

ADD VENTILATION AIR TO PARKING ATTENDANT BOOTH CEILING DIFFUSER.

REVISE COOLING COIL CONDENSATE FROM FCU-3.

M1002-1 P2 FLR OVERALL – PHASE 1 – HVAC

ADD SUPPLY FAN AND VENTILATION AIR DUCT.

REVISE L-8 FOR INCREASED AIRFLOW.

REVISE DUCTWORK FROM L-4 TO AHU-1.

M1002-A-1 P2 FLR – ZONE B – PHASE 1 – HVAC

REVISE DUCTWORK FROM L-4 TO AHU-1.

M1002-B-1 P2 FLR – ZONE B – PHASE 1 – HVAC

ADD SUPPLY FAN AND VENTILATION AIR DUCT.

REVISE L-8 FOR INCREASED AIRFLOW.

M1006-1 P6 FLR OVERALL – PHASE 1 – HVAC

REVISE DUCTWORK FROM EF-P6-1.

M1006-A-1 P6 FLR – ZONE A – PHASE 1 – HVAC

REVISE DUCTWORK FROM EF-P6-1.

M5005-1 CONTROL DIAGRAMS, POINTS LISTS, SEQ – HVAC

ADD CONTROL DIAGRAM, POINTS LIST AND SEQ OF OPERATION FOR SF-1.

M8001-1 SCHEDULES – HVAC

ADD CD-2 TO AIR DEVICE SCHEDULE.

REVISE L-8 IN LOUVER SCHEDULE.

ADD SF-1 TO FAN SCHEDULE.

M8002-1 SCHEDULES – HVAC
ADD DAMPER (D-25) TO CONTROL DAMPER SCHEDULE.
ADD FIRE DAMPER (FD-7) TO FIRE DAMPER SCHEDULE.

ELECTRICAL Sheets (E)

EP1002-B-1 P2 FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
ADD ELECTRICAL CONNECTION FOR SUPPLY FAN SF-1.

EP1006-A-1 P6 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
REVISE CIRCUIT FOR ELECTRIC WALL HEATER EWH-15.
REVISE KEYED NOTED P36 FOR ELEVATOR RECALL PROGRAMMING REQUIREMENTS.

EP1006-B-1 P6 FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
REVISE CIRCUIT FOR ELECTRIC WALL HEATER EWH-16.
REVISE KEYED NOTED P36 FOR ELEVATOR RECALL PROGRAMMING REQUIREMENTS.

E8002-1 SCHEDULES-CONNECTIONS
ADD ELECTRICAL CONNECTION FOR SUPPLY FAN SF-1.
REVISE CIRCUIT FOR ELECTRIC WALL HEATERS EWH-15 AND EWH-16.

E8005-1 SCHEDULES-CONNECTIONS
REVISE PANEL SCHEDULE FOR PANEL L-P2.
REVISE PANEL SCHEDULE FOR PANEL L-P5.

END OF CONSTRUCTION BULLETIN

Construction Bulletin P1_CB02



PROJECT NAME

CITY, STATE

PROJECT NUMBER

OWNER:	OWNER COMPANY NAME
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	02/15/2024

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I. PROJECT MANUAL

SPECIFICATIONS

No changes

II. CONSTRUCTION DOCUMENTS

GENERAL (G)

G1001 1ST & P2 FLR LIFE SAFETY PLAN
REVISE STAIR 4 SIZE
REVISE CORE WALLS AT ELEVATOR 02/STAIR 02

G1002 P3 & P4 FLR LIFE SAFETY PLAN
REVISE STAIR 4 SIZE
REVISE CORE WALLS AT ELEVATOR 02/STAIR 02

G1003 P5 & P6 FLR LIFE SAFETY PLAN
REVISE STAIR 4 SIZE
REVISE CORE WALLS AT ELEVATOR 02/STAIR 02

G1004 7TH & 8TH FLR LIFE SAFETY PLAN
REVISE CORE WALLS AT ELEVATOR 02/STAIR 02

G1005 9TH-15TH FLR LIFE SAFETY PLAN
REVISE CORE WALLS AT ELEVATOR 02/STAIR 02

G1012 ROOF LIFE SAFETY PLAN
REVISE CORE WALLS AT ELEVATOR 02/STAIR 02

STRUCTURAL Sheets (S)

S1000-A-1 FOUNDATION PLAN – ZONE A – PHASE 1
REVISE NORTH WALL STRIP FOOTING LOCATIONS FOR EARTH RETENTION
REVISE MAT FOOTING LOCATIONS/DIMENSIONS AT NORTHEAST CORNER FOR EARTH RETENTION
DELETE FOUNDATION WALLS AT STAIR SHAFT CMU
ADD THICKENED SLABS AND DETAIL AT STAIR SHAFT CMU
ADD KEYED NOTES 6 & 7
REVISE SHEAR WALL B & D LOCATIONS **(PH2)**
REVISE MAT LOCATION AT STAIR/ELEVATOR 4 **(PH2)**
ADD PHASE 2 ELEVATOR STEEL, DETAIL AND KEYED NOTE 9 FOR EMBEDS **(PH2)**
REVISE KEYED NOTES 1 & 5 **(PH2)**
ADD KEYED NOTE 8 **(GC)**

S1000-B-1 FOUNDATION PLAN – ZONE B – PHASE 1
ADD DETAIL SECTIONS TO INTERIOR FOUNDATION WALLS AT RAMPS
ADD WALL/COLUMN ISOLATION KEYED NOTES
REVISE FOOTING AT GRID I/8
REVISE SOUTH WALL STRIP FOOTING LOCATIONS FOR EARTH RETENTION
REVISE MAT FOOTING LOCATION/DIMENSIONS AT SOUTHEAST CORNER FOR EARTH RETENTION
DELETE FOUNDATION WALLS AT STAIR SHAFT CMU
ADD THICKENED SLABS AND DETAIL AT STAIR SHAFT CMU
REVISE RETAINING WALL WIDTH AT ELECTRICAL VAULT
REVISE RETAINING WALL FOOTING WIDTH AT ELECTRICAL VAULT
ADD TOP WALL ELEVATIONS TO RETAINING WALLS AT ELECTRICAL VAULT
REVISE SHEAR WALL E AND MAT FOOTING LOCATION **(PH2)**
ADD TOWER CRANE FOUNDATION **(GC)**
ADD JOG TO MAT FOOTING AT SHEAR WALL E **(GC)**

S1001-1 1ST FLR FRAMING PLAN – OVERALL – PHASE 1
ADD 3 ½" TOPPING SLAB NOTE AT BUS WAITING
REVISE 8" TOPPING SLAB NOTE AT BUS LANE
ADD KEYED NOTE L TO PLAN
REVISE SLAB DIAGRAM DIMENSION AT GRID F/3
ADD NOTATIONS FOR SUNKEN "TROUGH" SLAB AT GRID D/8
ADD SLAB SLOPING NOTE AT SOUTHWEST ENTRY

S1001-A-1 1ST FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE DETAIL LOCATION IN KEYED NOTE C
ADD KEYED NOTES K, L, N & P (ADDED TO ALL PLAN SHEETS)
ADD KEYED NOTE K TO PLAN
DELETE COLUMN TOP BAR AT KEYED NOTE K LOCATIONS
REVISE PT FORCES AND ORDINATES

ADD BOTTOM REINFORCEMENT
DELETE STUD RAIL AT GRID E/3
REVISE STUD RAIL AT GRID F/4
ADD KEYED NOTE J (ADDED TO ALL PLAN SHEETS) **(PH2)**
ADD PHASE 2 STEEL AND ELEVATION AT ELEVATOR 2 **(PH2)**
REVISE SLAB EDGE AT STAIR 4 **(PH2)**
ADD KEYED NOTE M (ADDED TO ALL PLAN SHEETS) **(GC)**
ADD OPENING AND REINFORCEMENT AT SOUTHWEST CORNER OF SHEAR CORE **(GC)**

S1001-B-1 1ST FLR FRAMING PLAN – ZONE B – PHASE 1
ADD KEYED NOTE K TO PLAN
DELETE COLUMN TOP BAR AT KEYED NOTE K LOCATIONS
ADD BOTTOM BAR
ADD MILD REINFORCEMENT IN EAST-WEST DIRECTION AT EQUIPMENT ROOMS
DELETE PT IN EAST-WEST DIRECTION AT EQUIPMENT ROOMS
DELETE COLUMN TOP BAR IN EAST-WEST DIRECTION AT EQUIPMENT ROOMS
REVISE/ADD SLAB DIAGRAMS
ADD CONSTRUCTION JOINT LOCATIONS W/ KEYED NOTE P TO PLAN
ADD OPENINGS AND REINFORCEMENT NEAR GRID F/3 AND SOUTH OF SHEAR WALL E **(GC)**
REVISE BOTTOM BAR QUANTITY NEAR SOUTH OPENING **(GC)**

S1002-A-1 P2 FLR FRAMING PLAN – ZONE A – PHASE 1
DELETE ADDITIONAL PT TENDONS NEAR STAIR 4
ADD OPENING AND REINFORCEMENT AT SOUTHWEST CORNER OF SHEAR CORE **(GC)**

S1002-B-1 P2 FLR FRAMING PLAN – ZONE B – PHASE 1
ADD CONSTRUCTION JOINT LOCATIONS W/ KEYED NOTE P TO PLAN
ADD OPENING AND REINFORCEMENT SOUTH OF SHEAR WALL E **(GC)**

S1003-A-1 P3 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD OPENING AND REINFORCEMENT AT SOUTHWEST CORNER OF SHEAR CORE **(GC)**

S1003-B-1 P3 FLR FRAMING PLAN – ZONE B – PHASE 1
ADD OPENINGS AND REINFORCEMENT NEAR GRID F/3 AND SOUTH OF SHEAR WALL E **(GC)**

S1004-A-1 P4 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD OPENING AND REINFORCEMENT AT SOUTHWEST CORNER OF SHEAR CORE **(GC)**

S1004-B-1 P4 FLR FRAMING PLAN – ZONE B – PHASE 1
ADD OPENINGS AND REINFORCEMENT NEAR GRID F/3 AND SOUTH OF SHEAR WALL E **(GC)**

S1005-A-1 P5 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD OPENING AND REINFORCEMENT AT SOUTHWEST CORNER OF SHEAR CORE **(GC)**

S1005-B-1 P5 FLR FRAMING PLAN – ZONE B – PHASE 1
ADD OPENINGS AND REINFORCEMENT NEAR GRID F/3 AND SOUTH OF SHEAR WALL E **(GC)**

S1006-A-1 P6 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD OPENING AND REINFORCEMENT AT SOUTHWEST CORNER OF SHEAR CORE **(GC)**

S1006-B-1 P6 FLR FRAMING PLAN – ZONE B – PHASE 1
ADD OPENINGS AND REINFORCEMENT NEAR GRID F/3 AND SOUTH OF SHEAR WALL E **(GC)**

S1007-1 7TH FLR FRAMING PLAN – OVERALL – PHASE 1

ADD LOCATING DIMENSIONS FOR EMBEDS FOR PHASE 2 STEEL
REMOVE PHASE 2 OVERHEAD DOOR STEEL AND EMBED DETAIL
ADD KEYED NOTE J AND PHASE 2 PIER LOCATIONS TO PLAN **(PH2)**

S1007-A-1 7TH FLR FRAMING PLAN – ZONE A – PHASE 1
ADD SHADED REGIONS FOR PHASE 2 SLAB DEPRESSIONS (PH2)
ADD OPENING AND REINFORCEMENT AT SOUTHWEST CORNER OF SHEAR CORE **(GC)**

S1007-B-1 7TH FLR FRAMING PLAN – ZONE B – PHASE 1
ADD SHADED REGIONS FOR PHASE 2 SLAB DEPRESSION (PH2)
ADD OPENINGS AND REINFORCEMENT NEAR GRID F/3 AND SOUTH OF SHEAR WALL E **(GC)**

S2001-1 TRANSFER COLUMN ELEVATIONS – PHASE 1
ADD REBAR AND CLARIFYING CALLOUTS TO ELEVATIONS
ADD DETAIL 5

S2010-1 CONCRETE SHEAR WALL ELEVATIONS – PHASE 1
REVISE OPENING SIZE AND LOCATION IN SW-C **(PH2)**
DELETE ADDITIONAL VERTICAL STEEL AT END OF WALL **(PH2)**

S3000-1 FOUNDATION WALL DETAILS
ADD FOOTING TYPE TO SCHEDULE

S3002-1 FOUNDATION WALL SECTIONS
REVISE FOOTING SIZE IN DETAIL 1
REVISE REBAR SIZE IN DETAIL 2
ADD DETAILS 11-15

S3003-1 SLAB ON GRADE DETAILS
REVISE REFERENCE IN DETAIL 6

S4001-1 CONCRETE FRAMING DETAILS
REVISE STUD SPACING FOR EP13-1
REVISE STUD SPACING FOR SR10-1
ADD STUD RAIL SR14-1

S4002-1 CONCRETE FRAMING DETAILS
ADD SHEET AND DETAILS

ARCHITECTURAL Sheets (A)

A1000-A-1 LOWER LEVEL - ZONE A - PHASE 1
REVISE ELEVATOR 04 WALL FROM PHASE 1 TO PHASE 2
REVISE STAIR 4 SIZE
REVISE CORE WALLS AT ELEVATOR 02/STAIR 02

A1000-B-1 LOWER LEVEL - ZONE B - PHASE 1
REVISE SHEAR WALL LOCATION

A1001-A-1 1ST FLR - ZONE A - PHASE 1
REVISE ELEVATOR 04 WALL FROM PHASE 1 TO PHASE 2
REVISE STAIR 4 SIZE
REVISE CORE WALLS AT ELEVATOR 02/STAIR 02

ADD SLAB DEPRESSION NOTES
REVISE CONCRETE STEPS LOCATION
REVISE OPENING 148 FROM PHASE 2 TO PHASE 1 FOR OPENING LOCATION

A1001-B-1 1ST FLR - ZONE B - PHASE 1
REVISE SHEAR WALL LOCATION

A1002-1 P2 FLR OVERALL - PHASE 1
REVISE ELEVATOR 04 WALL FROM PHASE 1 TO PHASE 2

A1002-A-1 P2 FLR -ZONE A - PHASE 1
REVISE STAIR 02/ELEVATOR 02 CORE WALL LOCATIONS
DELETE ELEVATOR LOBBY AND STAIR DOOR AT STAIR 04
REVISE STAIR 04 SIZE
REVISE ELEVATOR 04 WALL FROM PHASE 1 TO PHASE 2

A1002-B-1 P2 FLR -ZONE B - PHASE 1
REVISE SHEAR WALL LOCATION

A1003-1 P3 FLR OVERALL - PHASE 1
DELETE WALL AND DOOR

A1003-A-1 P3 FLR -ZONE A - PHASE 1
REVISE STAIR 02/ELEVATOR 02 CORE WALL LOCATIONS
REVISE ELEVATOR 04 WALL FROM PHASE 1 TO PHASE 2
REVISE STAIR 04 SIZE
DELETE WALL AND DOOR

A1003-B-1 P3 FLR -ZONE B - PHASE 1
REVISE SHEAR WALL LOCATION

A1004-1 P4 FLR OVERALL - PHASE 1
DELETE WALL AND DOOR

A1004-A-1 P4 FLR -ZONE A - PHASE 1
REVISE STAIR 02/ELEVATOR 02 CORE WALL LOCATIONS
REVISE ELEVATOR 04 WALL FROM PHASE 1 TO PHASE 2
REVISE STAIR 04 SIZE
DELETE WALL AND DOOR

A1004-B-1 P4 FLR -ZONE B - PHASE 1
REVISE SHEAR WALL LOCATION

A1005-1 P5 FLR OVERALL - PHASE 1
DELETE WALL AND DOOR

A1005-A-1 P5 FLR -ZONE A - PHASE 1
REVISE STAIR 02/ELEVATOR 02 CORE WALL LOCATIONS
REVISE ELEVATOR 04 WALL FROM PHASE 1 TO PHASE 2
REVISE STAIR 04 SIZE
DELETE WALL AND DOOR

A1005-B-1 P5 FLR -ZONE B - PHASE 1
REVISE SHEAR WALL LOCATION

A1006-1 P6 FLR OVERALL - PHASE 1
DELETE WALL AND DOOR

A1006-A-1 P6 FLR -ZONE A - PHASE 1
REVISE STAIR 02/ELEVATOR 02 CORE WALL LOCATIONS
REVISE ELEVATOR 04 WALL FROM PHASE 1 TO PHASE 2
REVISE STAIR 04 SIZE
DELETE WALL AND DOOR

A1006-B-1 P6 FLR -ZONE B - PHASE 1
REVISE SHEAR WALL LOCATION

A1011-A-1 1ST FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE SLAB DEPRESSION EXTENT
REVISE STAIR 04 SLAB OPENING

A1012-A-1 2ND FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE ELEVATOR CORE DIMENSION
REVISE STAIR 04 SLAB OPENING

A1013-A-1 3RD FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE ELEVATOR CORE DIMENSION
REVISE STAIR 04 SLAB OPENING

A1014-A-1 4TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE ELEVATOR CORE DIMENSION
REVISE STAIR 04 SLAB OPENING

A1015-A-1 5TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE ELEVATOR CORE DIMENSION
REVISE STAIR 04 SLAB OPENING

A1016-A-1 6TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE ELEVATOR CORE DIMENSION
REVISE STAIR 04 SLAB OPENING

A1017-A-1 7TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE ELEVATOR CORE DIMENSION
ADD 1/2" SLAB DEPRESSION TO FLOOR

A1017-B-1 7TH FLR SLAB EDGE PLAN - ZONE B - PHASE 1
ADD 1/2" SLAB DEPRESSION TO FLOOR

A3203-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1
ADD ELEVATOR 04 SECTION (A3/A3203-1)
REVISE WALLS AT ELEVATOR 04/STAIR 04
DELETE ELEVATOR LOBBY AND STAIR DOOR AT STAIR 04
REVISE WALL TYPE FROM SMOKE PARTITION TO STANDARD CMU

(Architectural items are PH2 changes)

PLUMBING Sheets (P)

P0000-1 SYMBOLS, ABBREV. & SCHEDULES - PLUMBING

REVISE EJECTOR AND SUMP PUMPS SCHEDULE TO INCLUDE SUMP PUMP SP-4 AND SP-5.

P0999-A-1 UNDERFLOOR - ZONE A - PHASE 1 – PLUMBING

ADD SUMP PUMP BASIN AND ASSOCIATED UNDERGROUND PIPING FOR SP-4 AND SP-5 FOR ELEVATOR 2 AND ELEVATOR 4.

P1000-A-1 LOWER LEVEL - ZONE A - PHASE 1 - PLUMBING

ADD SUMP PUMP BASIN AND ASSOCIATED FOR SP-4 AND SP-5 FOR ELEVATOR 2 AND ELEVATOR 4.

P4200-1 STORM ISOMETRICS – PLUMBING

ADD SUMP PUMP BASIN AND ASSOCIATED UNDERGROUND PIPING FOR SP-4 AND SP-5 FOR ELEVATOR 2 AND ELEVATOR 4.

P9001-1 DETAILS - PLUMBING

REVISE ELEVATOR SUMP PUMP DETAIL AS SHOWN.

END OF CONSTRUCTION BULLETIN

Construction Bulletin P1_CB03



STATE STREET CAMPUS GARAGE MADISON, WI 20448

OWNER:	CITY OF MADISON
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	03/13/2024

Please submit an itemized proposal for changes in the CONTRACT SUM and/or the CONTRACT TIME for proposed modifications to the Contract Documents described herein. This proposal must itemize all associated direct (hard) costs, indirect (soft) costs, and consequential costs.

Proceeding with the Work in accordance with these instructions prior to the acceptance by the ARCHITECT and the OWNER of the itemized proposal for changes indicates that the CONTRACTOR acknowledges that there will be no change in the CONTRACT SUM and/or the CONTRACT TIME. The CONSTRUCTION BULLETIN is an administrative form and not intended to modify the contract for construction.

This is not a CHANGE ORDER or a DIRECTION TO PROCEED with the work described in the proposed modifications.

I. PROJECT MANUAL

SPECIFICATIONS

No changes

II. CONSTRUCTION DOCUMENTS

CIVIL Sheets (C)

C400 GRADING PLAN - PHASE 1 & 2
REVISE SPOT GRADES/SLOPES ALONG LAKE STREET SIDEWALK AND TERRACE

STRUCTURAL Sheets (S)

S1001-1 1ST FLR FRAMING PLAN – OVERALL – PHASE 1
ADD HATCH FOR PHASE 2 TOPPING SLAB
REVISE SLAB ELEVATION AND STEP AT NORTHWEST EXIT
ADD DETAIL SECTIONS

S1001-A-1 1ST FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE SLAB STEP AND DIAGRAMS
ADD REINFORCEMENT AT SLAB STEP

DELETE BOTTOM REINFORCEMENT AT GRID D
ADD TOP REINFORCEMENT AT COLUMN C/2

S4010-1 CONCRETE BEAM SCHEDULE AND DETAILS
ADD DETAILS 10 & 11

ARCHITECTURAL Sheets (A)

A1001-1 1ST FLR OVERALL - PHASE 1
ADD SLAB DEPRESSION
DELETE STOOP

A1001-A-1 1ST FLR - ZONE A - PHASE 1
ADD SLAB DEPRESSION
DELETE STOOP

A1011-A-1 1ST FLOOR SLAB EDGE PLAN - ZONE A - PHASE 1
ADD SLAB DEPRESSION

A3102-1 WALL SECTIONS - PHASE 1
REVISES SECTION TO MATCH CIVIL DRAWINGS

END OF CONSTRUCTION BULLETIN



STATE STREET CAMPUS GARAGE MADISON, WI 20448

OWNER:	CITY OF MADISON
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	03/28/2024

Please submit an itemized proposal for changes in the CONTRACT SUM and/or the CONTRACT TIME for proposed modifications to the Contract Documents described herein. This proposal must itemize all associated direct (hard) costs, indirect (soft) costs, and consequential costs.

Proceeding with the Work in accordance with these instructions prior to the acceptance by the ARCHITECT and the OWNER of the itemized proposal for changes indicates that the CONTRACTOR acknowledges that there will be no change in the CONTRACT SUM and/or the CONTRACT TIME. The CONSTRUCTION BULLETIN is an administrative form and not intended to modify the contract for construction.

This is not a CHANGE ORDER or a DIRECTION TO PROCEED with the work described in the proposed modifications.

I. PROJECT MANUAL

SPECIFICATIONS

No changes

II. CONSTRUCTION DOCUMENTS

STRUCTURAL Sheets (S)

S1000-A-1 FOUNDATION PLAN – ZONE A – PHASE 1

REVISE MAT FOOTING DIMENSION AT ELEVATOR 1
DELETE WALL STRIP FOOTING AT ELEVATOR 1
REVISE WALL LOCATION AND T/WALL AT ELEVATOR 2
REVISE LOCATING DIMENSION FOR PLACING BOOM

S1000-B-1 FOUNDATION PLAN – ZONE B – PHASE 1
REVISE SIZE AND LOCATION OF TOWER CRANE FOOTING
REVISE T/WALL ELEVATION AT RAMP NEAR GRID G
REVISE T/LEDGE ELEVATION ON EAST SIDE
REVISE T/FTG ELEVATION AT ELEVATOR 3
REVISE T/WALL ELEVATIONS & LEDGES AT STAIR 3
REVISE THICKENED SLAB ELEVATIONS AT STAIR 2

S1001-1 1ST FLR FRAMING PLAN – OVERALL – PHASE 1
ADD HOUSEKEEPING SLAB AND KEYED NOTE Q
REVISE DETAIL CALLOUT
ADD DETAIL CALLOUT AT SE STOOP
REVISE BARRIER CABLE COLUMN/BOLLARD LOCATION(S)
ADD DIMENSIONS TO BARRIER CABLE STEEL

S1001-A-1 1ST FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PLACING BOOM OPENING LOCATION (ALL LEVELS)
ADD KEYED NOTES “Q” & “R” (ALL PLAN SHEETS)

S1001-B-1 1ST FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE SLAB REINFORCEMENT

S1002-1 P2 FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB SLOPING AND DRAIN LOCATIONS
REVISE BARRIER CABLE COLUMN SIZE
ADD KEYED NOTE “R” FOR BARRIER CABLE ANCHORAGE
ADD DIMENSIONS TO BARRIER CABLE STEEL
DELETE BARRIER CABLE COLUMN(S)
REVISE OPENING SIZE AT TRASH CHUTE

S1002-A-1 P2 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PT ORDINATES AND FORCES
ADD SLAB REINFORCEMENT
REVISE PLACING BOOM OPENING LOCATION

S1002-B-1 P2 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PT ORDINATES
REVISE PT SWEEPS
ADD STUD RAIL TO COLUMN NEAR STAIR 3
ADD CONSTRUCTION JOINT

S1003-1 P3 FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB SLOPING AND DRAIN LOCATIONS
REVISE BARRIER CABLE COLUMN SIZE
ADD KEYED NOTE “R” FOR BARRIER CABLE ANCHORAGE
ADD DIMENSIONS TO BARRIER CABLE STEEL
DELETE BARRIER CABLE COLUMN(S)
REVISE OPENING SIZE AT TRASH CHUTE

S1003-A-1 P3 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PT ORDINATES AND FORCES
DELETE ADDITIONAL PT LOCATION
ADD STUD RAIL TO COLUMN B/8
ADD CONSTRUCTION JOINT(S)
ADD SLAB REINFORCEMENT
REVISE PLACING BOOM OPENING LOCATION

S1003-B-1 P3 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PT ORDINATES AND FORCES
ADD CONSTRUCTION JOINT(S)
ADD SLAB REINFORCEMENT

S1004-1 P4 FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB SLOPING AND DRAIN LOCATIONS
ADD KEYED NOTE “R” FOR BARRIER CABLE ANCHORAGE
ADD DIMENSIONS TO BARRIER CABLE STEEL
DELETE BARRIER CABLE COLUMN(S)
REVISE OPENING SIZE AT TRASH CHUTE

S1004-A-1 P4 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PT ORDINATES AND FORCES
DELETE ADDITIONAL PT LOCATION
ADD SLAB REINFORCEMENT

S1004-B-1 P4 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PT ORDINATES AND FORCES
ADD SLAB REINFORCEMENT

S1005-1 P5 FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB SLOPING AND DRAIN LOCATIONS
ADD KEYED NOTE “R” FOR BARRIER CABLE ANCHORAGE
ADD DIMENSIONS TO BARRIER CABLE STEEL
DELETE BARRIER CABLE COLUMN(S)
REVISE OPENING SIZE AT TRASH CHUTE

S1005-A-1 P5 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PT ORDINATES AND FORCES
DELETE ADDITIONAL PT LOCATION
ADD SLAB REINFORCEMENT

S1005-B-1 P5 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PT ORDINATES AND FORCES
ADD SLAB REINFORCEMENT

S1006-1 P6 FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB SLOPING AND DRAIN LOCATIONS
REVISE BARRIER CABLE COLUMN SIZE
ADD DETAIL AT CORNER BARRIER CABLE COLUMN
ADD KEYED NOTE “R” FOR BARRIER CABLE ANCHORAGE
ADD DIMENSIONS TO BARRIER CABLE STEEL
DELETE BARRIER CABLE COLUMN(S)
REVISE OPENING SIZE AT TRASH CHUTE

S1006-A-1 P6 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PT ORDINATES AND FORCES
DELETE ADDITIONAL PT LOCATION
ADD SLAB REINFORCEMENT

S1007-1 7TH FLR FRAMING PLAN – OVERALL – PHASE 1
ADD KEYED NOTE “H” AT POOL DRAIN

S1007-A-1 7TH FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE SLAB DEPRESSION DEPTH

S1007-B-1 7TH FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE SLAB DEPRESSION DEPTH

S2000-1 CONCRETE COLUMN SCHEDULE – PHASE 1
REVISE COLUMN TIE TYPES IN SCHEDULE
REVISE COLUMN C/3 TYPE IN KEY PLAN
ADD END COLUMN ANCHORAGE INFO TO DETAIL 5
ADD DETAIL 7

S2010-1 CONCRETE SHEAR WALL ELEVATIONS – PHASE 1
ADD KEYED NOTE “F”
DELETE WALL OPENINGS

S3001-1 FOUNDATION WALL DETAILS
ADD DETAILS 10 & 11

S3010-1 ELECTRICAL VAULT STRUCTURAL PLANS AND DETAILS
REVISE DETAILS 4 & 6 FOR SHORTER CURB

S4001-1 CONCRETE FRAMING DETAILS
REVISE EMBEDS
ADD EMBED TYPES

S4010-1 CONCRETE BEAM SCHEDULE AND DETAILS
REVISE BEAM DEPTH IN SCHEDULE

S4021-1 STEEL FRAMING DETAILS
REVISE DETAILS 6 & 7
ADD DETAIL 14

S4030-1 MASONRY DETAILS
ADD DETAIL 9

ARCHITECTURAL Sheets (A)

A1000-1 LOWER LEVEL - PHASE 1
REVISE WALL THICKNESS TO 12" CMU

A1000-A-1 LOWER LEVEL - ZONE A - PHASE 1
ADD WALL TAGS AND ASSEMBLIES
REVISE WALL THICKNESS TO 12" CMU

A1001-1 1ST FLR OVERALL - PHASE 1
REVISE WALL THICKNESS TO 12" CMU (STAIR 4)
REVISE WALL THICKNESS TO 12" CMU (ELECTRICAL ROOM)

A1001-A-1 1ST FLR - ZONE A - PHASE 1
REVISE WALL THICKNESS TO 12" CMU (STAIR 4)
ADD WALL TAGS AND ASSEMBLIES

A1001-B-1 1ST FLR - ZONE B - PHASE 1
REVISE WALL THICKNESS TO 12" CMU (ELECTRICAL ROOM)
ADD WALL TAGS AND ASSEMBLIES

A1002-1 2ND FLR OVERALL - PHASE 1
REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

REVISE WALL THICKNESS TO 12" CMU (DRY VALVE)

A1002-A-1 2ND FLR - ZONE A - PHASE 1

REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

REVISE WALL THICKNESS TO 12" CMU (DRY VALVE)

ADD WALL TAGS AND ASSEMBLIES

ADD SLOPE GENERAL NOTE

A1002-B-1 2ND FLR - ZONE B - PHASE 1

ADD SLOPE GENERAL NOTE

A1003-1 3RD FLR OVERALL - PHASE 1

REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

REVISE WALL THICKNESS TO 12" CMU (DRY VALVE)

ADD WALL TAGS AND ASSEMBLIES

ADD SLOPE GENERAL NOTE

A1003-A-1 3RD FLR - ZONE A - PHASE 1

REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

REVISE WALL THICKNESS TO 12" CMU (DRY VALVE)

ADD SLOPE GENERAL NOTE

A1003-B-1 3RD FLR - ZONE B - PHASE 1

ADD SLOPE GENERAL NOTE

A1004-1 4TH FLR OVERALL - PHASE 1

REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

REVISE WALL THICKNESS TO 12" CMU (DRY VALVE)

A1004-A-1 4TH FLR - ZONE A - PHASE 1

REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

REVISE WALL THICKNESS TO 12" CMU (DRY VALVE)

ADD SLOPE GENERAL NOTE

A1004-B-1 4TH FLR - ZONE B - PHASE 1

ADD SLOPE GENERAL NOTE

A1005-1 5TH FLR OVERALL - PHASE 1

REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

REVISE WALL THICKNESS TO 12" CMU (DRY VALVE)

A1005-A-1 5TH FLR - ZONE A - PHASE 1

REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

REVISE WALL THICKNESS TO 12" CMU (DRY VALVE)

ADD SLOPE GENERAL NOTE

A1005-B-1 5TH FLR - ZONE B - PHASE 1

ADD SLOPE GENERAL NOTE

A1006-1 6TH FLR OVERALL - PHASE 1

REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

A1006-A-1 6TH FLR - ZONE A - PHASE 1

REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

ADD SLOPE GENERAL NOTE

A1006-B-1 6TH FLR - ZONE B - PHASE 1

ADD SLOPE GENERAL NOTE

A1012-A-1 2ND FLR SLAB EDGE PLAN - ZONE A - PHASE 1

REVISE SHAFT OPENING

A1013-A-1 3RD FLR SLAB EDGE PLAN - ZONE A - PHASE 1

REVISE SHAFT OPENING

A1014-A-1 4TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1

REVISE SHAFT OPENING

A1015-A-1 5TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1

REVISE SHAFT OPENING

A1016-A-1 6TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1

REVISE SHAFT OPENING

A1017-A-1 7TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1

REVISE SHAFT OPENING

A3000-1 BUILDING SECTIONS - PHASE 1

ADD BUILDING ASSEMBLIES TAG

A3002-1 BUILDING SECTIONS - PHASE 1

ADD ELEVATIONS AND SECTIONS PER RFI 15

A3101-1 WALL SECTIONS - PHASE 1

ADD BUILDING ASSEMBLIES TAG

A3200-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1

ADD BUILDING ASSEMBLIES TAG

REVISE ELEVATOR DOORS TO 42"

A3201-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1

ADD DIMENSIONS FOR ROUGH OPENING CLARITY

A3202-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1

ADD BUILDING ASSEMBLIES TAG

ADDS DIMENSIONS FOR ROUGH OPENING CLARITY

A3203-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1

REVISE WALL THICKNESS TO 12" CMU (STAIR 4)

ADD WALL TAGS AND ASSEMBLIES

A4001-1 ENLARGED FLOOR PLANS

ADD LOCATIONS "PARKING FULL" SIGNAGE

A4002-1 ENLARGED FLOOR PLANS

ADD BUILDING ASSEMBLIES TAG

A5104-1 EXTERIOR DETAILS - PHASE 1

ADD/REVISE DETAILS FOR MASONRY LEDGE PER RFI 32

PLUMBING Sheets (P)

P0000-1 SYMBOLS, ABBREV. & SCHEDULES - PLUMBING

ADD WALL DRAIN (WD-1) TO PLUMBING DRAIN AND CLEANOUT SCHEDULE.

P0999-A-1 UNDERFLOOR - ZONE A - PHASE 1 - PLUMBING

REVISE LOCATION OF ELEVATOR SUMP SP-1 AND ASSOCIATED PIPING.

REVISE FLOOR DRAIN LOCATION AND ASSOCIATED PIPING.

ADD FLOOR DRAIN IN CITY STORAGE 004 AND ASSOCIATED PIPING.

P0999-B-1 UNDERFLOOR - ZONE B - PHASE 1 - PLUMBING

ADD FLOOR DRAIN IN CITY STORAGE 004 AND ASSOCIATED PIPING.

REVISE LOCATION OF ELEVATOR SUMP SP-2 AND ASSOCIATED PIPING.

P1000-A-1 LOWER LEVEL - ZONE A - PHASE 1 - PLUMBING

REVISE LOCATION OF ELEVATOR SUMP SP-1 AND ASSOCIATED PIPING.

REVISE FLOOR DRAIN LOCATION AND ASSOCIATED PIPING.

REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.

ADD VENTING FOR ADDED FLOOR DRAIN IN CITY STORAGE 004.

P1000-B-1 LOWER LEVEL - ZONE B - PHASE 1 - PLUMBING

ADD FLOOR DRAIN AND VENTING FOR ADDED FLOOR DRAIN IN CITY STORAGE 004.

REVISE CLEARWATER WASTE PIPING (CWW FROM 3" TO 4").

REVISE LOCATION OF ELEVATOR SUMP SP-2 AND ASSOCIATED PIPING.

P1001-A-1 1ST FLR - ZONE A – PHASE 1 – PLUMBING

REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.

DELETE ELEVATOR DRAIN.

REVISE LOCATION OF REMAINING ELEVATOR DRAIN.

ADD VENTING FOR ADDED FLOOR DRAIN IN CITY STORAGE 004.

ADD KEYED NOTE P20.

ADD KEYED NOTE P21.

P1001-B-1 1ST FLR - ZONE B – PHASE 1 – PLUMBING

REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.

ADD KEYED NOTE P21.

ADD VENTING FOR ADDED FLOOR DRAIN IN CITY STORAGE 004.

REVISE CLEARWATER WASTE PIPING (CWW FROM 3" TO 4").

REVISE LOCATION OF 3" CWW RISER LOCATED NORTH OF COLUMN LINE 'J'.

P1002-A-1 P2 FLR - ZONE A – PHASE 1 – PLUMBING

REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.

DELETE ELEVATOR DRAIN.

REVISE LOCATION OF REMAINING ELEVATOR DRAIN.

ADD KEYED NOTE P11.

ADD KEYED NOTE P21.

P1002-B-1 P2 FLR - ZONE B – PHASE 1 – PLUMBING

REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.

REVISE LOCATION OF 3" CWW RISER LOCATED NORTH OF COLUMN LINE 'J'.

ADD KEYED NOTE P11.

P1003-A-1 P3 FLR - ZONE A – PHASE 1 – PLUMBING
DELETE ELEVATOR DRAIN.
REVISE LOCATION OF REMAINING ELEVATOR DRAIN.

P1003-B-1 P3 FLR - ZONE B – PHASE 1 – PLUMBING
REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.
ADD KEYED NOTE P22.
REVISE LOCATION OF 3" CWW RISER LOCATED NORTH OF COLUMN LINE 'J'.

P1004-A-1 P4 FLR - ZONE A – PHASE 1 – PLUMBING
DELETE ELEVATOR DRAIN.
REVISE LOCATION OF REMAINING ELEVATOR DRAIN.

P1004-B-1 P4 FLR - ZONE B – PHASE 1 – PLUMBING
REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.
ADD KEYED NOTE P22.
REVISE LOCATION OF 3" CWW RISER LOCATED NORTH OF COLUMN LINE 'J'.

P1005-A-1 P5 FLR - ZONE A – PHASE 1 – PLUMBING
REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.
DELETE ELEVATOR DRAIN.
REVISE LOCATION OF REMAINING ELEVATOR DRAIN.

P1005-B-1 P5 FLR - ZONE B – PHASE 1 – PLUMBING
REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.
ADD KEYED NOTE P22.
REVISE LOCATION OF 3" CWW RISER LOCATED NORTH OF COLUMN LINE 'J'.

P1006-A-1 P6 FLR - ZONE A – PHASE 1 – PLUMBING
REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.
REVISE 4" SANITARY TO BE 8" SANITARY.
REVISE LOCATION OF ELEVATOR DRAIN.
ADD POOL COFFER DRAIN (WD-1) TO BE CAST IN PLACE AS PART OF PHASE 1.
ADD KEYED NOTE P11.
ADD KEYED NOTE P20.
ADD KEYED NOTE P23.

P1006-B-1 P6 FLR - ZONE B – PHASE 1 – PLUMBING
REVISE AND ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.
ADD KEYED NOTE P20.

P4000-1 WASTE AND VENT ISOMETRIC - PLUMBING
REVISE ISOMETRIC TO MATCH PLANS.
ADD KEYED NOTE P20.

P4001-1 WASTE AND VENT ISOMETRIC - PLUMBING
REVISE ISOMETRIC TO MATCH PLANS.
ADD KEYED NOTE P20.
ADD KEYED NOTE P23.

P4002-1 WASTE AND VENT ISOMETRIC - PLUMBING
REVISE ISOMETRIC TO MATCH PLANS.
ADD KEYED NOTE P20.

P4003-1 WASTE AND VENT ISOMETRIC - PLUMBING
REVISE ISOMETRIC TO MATCH PLANS.
ADD KEYED NOTE P20.

P4200-1 STORM ISOMETRIC - PLUMBING
REVISE ISOMETRIC TO MATCH PLANS.
ADD KEYED NOTE P21.
ADD KEYED NOTE P22.

P4201-1 STORM ISOMETRIC - PLUMBING
REVISE ISOMETRIC TO MATCH PLANS.
ADD KEYED NOTE P21.
ADD KEYED NOTE P22.

P4202-1 STORM ISOMETRIC - PLUMBING
REVISE ISOMETRIC TO MATCH PLANS.
ADD KEYED NOTE P21.
ADD KEYED NOTE P22.

P9001-1 DETAILS - PLUMBING
ADD DETAIL 14 "POOL COFFER DRAIN DETAIL"

MECHANICAL Sheets (M)

M1002-1 P2 FLR OVERALL – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER EWH-17 TO 247 – DRY VALVE.

M1002-A-1 P2 FLR – ZONE A – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER EWH-17 TO 247 – DRY VALVE.

M1003-1 P3 FLR OVERALL – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER EWH-18 TO 347 – DRY VALVE.

M1003-A-1 P3 FLR – ZONE A – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER EWH-18 TO 347 – DRY VALVE.

M1004-1 P4 FLR OVERALL – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER EWH-19 TO 447 – DRY VALVE.

M1004-A-1 P4 FLR – ZONE A – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER EWH-19 TO 447 – DRY VALVE.

M1005-1 P5 FLR OVERALL – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER EWH-20 TO 547 – DRY VALVE.

M1005-A-1 P5 FLR – ZONE A – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER EWH-20 TO 547 – DRY VALVE.

M8001-1 SCHEDULES – HVAC
ADD EWH-17 THRU EWH-20 TO ELECTRIC WALL HEATER SCHEDULE.

ELECTRICAL Sheets (E)

E6000-1 ONE-LINE DIAGRAM - ELECTRICAL

REVISE PANEL OH-1A TO BE MLO, REMOVE MAIN CIRCUIT BREAKER.

REVISE BREAKERS PROVIDED IN GENERATOR

REMOVE GMBS-1 AND SEPARATE EM AND SB FEEDERS.

ADD 'EMBS-1' - MAINTENANCE BYPASS SWITCH FOR ATS-EM

ADD 'SBMBS-1' - MAINTENANCE BYPASS SWITCH FOR ATS-EM

E8001-1 SCHEDULES - CONNECTIONS

ADD ELECTRICAL CONNECTIONS FOR P3&P5 IDF FIBER SWITCHES.

E8002-1 SCHEDULES - CONNECTIONS

ADD ELECTRICAL CONNECTIONS FOR DRY VALVE ELECTRIC WALL HEATERS.

E8005-1 SCHEDULES – PANELS

REVISE PANEL SCHEDULES FOR PANELS: L-P2, L-P3, L-P4 AND L-P5.

E8006-1 SCHEDULES – PANELS

REVISE PANEL SCHEDULES FOR PANEL OH-1A TO REMOVE MAIN BREAKER.

REVISE PANEL SCHEDULE FOR PANEL OL-1A.

EP1000-1 LOWER LEVEL – OVERALL – PHASE 1 – POWER/SYSTEMS

ADD CARD READER TO LOWER-LEVEL STAIRCASE.

ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

EP1000-A-1 LOWER LEVEL – ZONE A – PHASE 1 – POWER/SYSTEMS

ADD CARD READER TO LOWER-LEVEL STAIRCASE.

ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

EP1000-B-1 LOWER LEVEL – ZONE B – PHASE 1 – POWER/SYSTEMS

ADD CARD READER TO LOWER-LEVEL STAIRCASE.

ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

EP1001-1 1ST FLR – OVERALL – PHASE 1 – POWER/SYSTEMS

ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

EP1001-A-1 1ST FLR – ZONE A – PHASE 1 – POWER/SYSTEMS

ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

EP1001-B-1 1ST FLR – ZONE B – PHASE 1 – POWER/SYSTEMS

ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

EP1002-1 P2 FLR – OVERALL – PHASE 1 – POWER/SYSTEMS

ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

ADD ELECTRICAL CONNECTIONS FOR DRY VALVE ELECTRIC WALL HEATERS.

EP1002-A-1 P2 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS

ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

ADD ELECTRICAL CONNECTIONS FOR DRY VALVE ELECTRIC WALL HEATERS.

EP1002-B-1 P2 FLR – ZONE B – PHASE 1 – POWER/SYSTEMS

ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

EP1003-1 P3 FLR – OVERALL – PHASE 1 – POWER/SYSTEMS

ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.
ADD IDF CABINET AND FIBER SWITCH CONNECTIONS TO P3.
ADD ELECTRICAL CONNECTIONS FOR DRY VALVE ELECTRIC WALL HEATERS.

EP1003-A-1 P3 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.
ADD IDF CABINET AND FIBER SWITCH CONNECTIONS TO P3.
ADD ELECTRICAL CONNECTIONS FOR DRY VALVE ELECTRIC WALL HEATERS.

EP1003-B-1 P3 FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.
ADD IDF CABINET AND FIBER SWITCH CONNECTIONS TO P3.

EP1004-1 P4 FLR – OVERALL – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.
ADD ELECTRICAL CONNECTIONS FOR DRY VALVE ELECTRIC WALL HEATERS.

EP1004-A-1 P4 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.
ADD ELECTRICAL CONNECTIONS FOR DRY VALVE ELECTRIC WALL HEATERS.

EP1004-B-1 P4 FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

EP1005-1 P5 FLR – OVERALL – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.
ADD IDF CABINET AND FIBER SWITCH CONNECTIONS TO P5.
ADD ELECTRICAL CONNECTIONS FOR DRY VALVE ELECTRIC WALL HEATERS.

EP1005-A-1 P5 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.
ADD IDF CABINET AND FIBER SWITCH CONNECTIONS TO P5.
ADD ELECTRICAL CONNECTIONS FOR DRY VALVE ELECTRIC WALL HEATERS.

EP1005-B-1 P5 FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.
ADD IDF CABINET AND FIBER SWITCH CONNECTIONS TO P5.

EP1006-1 P6 FLR – OVERALL – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

EP1006-A-1 P6 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

EP1006-B-1 P6 FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
ADD ACCESS CONTROL ROUGH-IN LOCATIONS TO ALIGN WITH PHASE 1 HARDWARE SETS.

END OF CONSTRUCTION BULLETIN



STATE STREET CAMPUS GARAGE MADISON, WI 20448

OWNER:	CITY OF MADISON
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	04/24/2024

Please submit an itemized proposal for changes in the CONTRACT SUM and/or the CONTRACT TIME for proposed modifications to the Contract Documents described herein. This proposal must itemize all associated direct (hard) costs, indirect (soft) costs, and consequential costs.

Proceeding with the Work in accordance with these instructions prior to the acceptance by the ARCHITECT and the OWNER of the itemized proposal for changes indicates that the CONTRACTOR acknowledges that there will be no change in the CONTRACT SUM and/or the CONTRACT TIME. The CONSTRUCTION BULLETIN is an administrative form and not intended to modify the contract for construction.

This is not a CHANGE ORDER or a DIRECTION TO PROCEED with the work described in the proposed modifications.

I. PROJECT MANUAL

SPECIFICATIONS

22 14 13 FACILITY STORM DRAINAGE PIPING

ADD SECTION 2.3 (E).

ADD SECTION 3.2 (P).

22 14 23 STORM DRAINAGE PIPING SPECIALTIES

REVISE SECTION 1.1 SUMMARY.

ADD SECTION 2.2 FILTER FABRIC.

ADD SECTION 2.3 STONE.

ADD SECTION 3.1 (J).

II. CONSTRUCTION DOCUMENTS

CIVIL Sheets (C)

C200 DEMOLITION - PHASE 1

REVISE WATER/SANITARY/STORM SERVICE LOCATION

C300 SITE PLAN - PHASE 1

REVISE WATER/SANITARY/STORM SERVICE LOCATION

C500 UTILITY PLAN - PHASE 1
REVISE WATER/SANITARY/STORM SERVICE LOCATION

STRUCTURAL Sheets (S)

S1000-A-1 FOUNDATION PLAN – ZONE A – PHASE 1
REVISE T/WALL AT ELEVATOR/STAIR 1
ADD PRESSURE RELIEF PORTS AND KEYED NOTE 10
REVISE LOCATING DIMENSION FOR PLACING BOOM

S1000-B-1 FOUNDATION PLAN – ZONE B – PHASE 1
REVISE T/LEDGE AT STAIR 3
ADD PRESSURE RELIEF PORTS AND KEYED NOTE 10
REVISE LOCATING DIMENSION FOR PLACING BOOM

S1001-1 1ST FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB SLOPE AT SW GARAGE ENTRY

S1001-A-1 1ST FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PLACING BOOM OPENING LOCATION (ALL LEVELS)
ADD KEYED NOTE “T” (ALL PLAN SHEETS)
REVISE KEYED NOTE “M” (ALL PLAN SHEETS)

S1001-B-1 1ST FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PLACING BOOM OPENING LOCATION (ALL LEVELS)

S1002-1 P2 FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB EDGE AND ADD DIMENSIONS
ADD DETAIL SECTION AT ELEVATOR 3

S1002-A-1 P2 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PLACING BOOM OPENING LOCATION

S1002-B-1 P2 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PLACING BOOM OPENING LOCATION
REVISE PT FORCE

S1003-1 P3 FLR FRAMING PLAN – OVERALL – PHASE 1
ADD DETAIL SECTION AT ELEVATOR 3

S1003-A-1 P3 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PLACING BOOM OPENING LOCATION

S1003-B-1 P3 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PLACING BOOM OPENING LOCATION

S1004-1 P4 FLR FRAMING PLAN – OVERALL – PHASE 1
ADD DETAIL SECTION AT ELEVATOR 3
REVISE SLAB THICKNESS NOTATIONS

S1004-A-1 P4 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PLACING BOOM OPENING LOCATION
ADD PHASE 2 PLACING BOOM OPENING
ADD SLAB REINFORCEMENT BETWEEN OPENINGS
ADD CONSTRUCTION JOINT LOCATIONS

REVISE PT ORDINATES

S1004-B-1 P4 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PLACING BOOM OPENING LOCATION
ADD CONSTRUCTION JOINT LOCATIONS
REVISE PT ORDINATES AND FORCES

S1005-1 P5 FLR FRAMING PLAN – OVERALL – PHASE 1
ADD DETAIL SECTION AT ELEVATOR 3
REVISE SLAB THICKNESS NOTATIONS

S1005-A-1 P5 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PLACING BOOM OPENING LOCATION
ADD PHASE 2 PLACING BOOM OPENING
ADD SLAB REINFORCEMENT BETWEEN OPENINGS
ADD SLAB REINFORCEMENT AT CORNER OF SHEAR WALLS
ADD CONSTRUCTION JOINT LOCATIONS

S1005-B-1 P5 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PLACING BOOM OPENING LOCATION
ADD CONSTRUCTION JOINT LOCATIONS

S1006-1 P6 FLR FRAMING PLAN – OVERALL – PHASE 1
ADD DETAIL SECTION AT ELEVATOR 3
REVISE SLAB THICKNESS NOTATIONS

S1006-A-1 P6 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PLACING BOOM OPENING LOCATION
ADD PHASE 2 PLACING BOOM OPENING
ADD SLAB REINFORCEMENT BETWEEN OPENINGS
ADD CONSTRUCTION JOINT LOCATIONS

S1006-B-1 P6 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PLACING BOOM OPENING LOCATION
ADD CONSTRUCTION JOINT LOCATIONS

S1007-1 7TH FLR FRAMING PLAN – OVERALL – PHASE 1
ADD DETAIL SECTION AT ELEVATOR 3

S1007-A-1 7TH FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE PLACING BOOM OPENING LOCATION
ADD PHASE 2 PLACING BOOM OPENING

S1007-B-1 7TH FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PLACING BOOM OPENING LOCATION

S2010-1 CONCRETE SHEAR WALL ELEVATIONS – PHASE 1
ADD NOTE 9 TO GENERAL NOTES
ADD KEYED NOTE “G”
REVISE WALL OPENING SIZE IN SW-B

S4001-1 CONCRETE FRAMING DETAILS
REVISE HOLE TYPE IN DETAIL 3

S4020-1 STEEL FRAMING DETAILS – PHASE 1
ADD DETAILS 8 & 9

S4021-1 STEEL FRAMING DETAILS – PHASE 1
REVISE EMBED LOCATION TO TOP OF SLAB IN DETAIL 2
REVISE EMBED CALLOUT IN DETAILS 9 & 11

ARCHITECTURAL Sheets (A)

A1000-A-1 LOWER LEVEL - ZONE A - PHASE 1
REVISE ELEVATION TAGS TO ALIGN WITH STEVENS MARKUP IN RFI-012

A1000-B-1 LOWER LEVEL - ZONE B - PHASE 1
REVISE ELEVATION TAGS TO ALIGN WITH STEVENS MARKUP IN RFI-012
REVISE LOCATION OF VAULT DOOR 006-1
ADD SHIPS LADDER IN VAULT

A1001-A-1 1ST FLR - ZONE A - PHASE 1
REVISE OPENING SIZE INTO STAIR CORE 02 PER MORTENSON REQUEST
ADD CMU FILL TO ENLARGED OPENING

A1012-1 2ND FLR OVERALL SLAB EDGE PLAN - PHASE 1
REVISE SLAB EDGE PER RFI-041

A1012-B-1 2ND FLR SLAB EDGE PLAN - ZONE B - PHASE 1
REVISE SLAB EDGE PER RFI-041

A3002-1 BUILDING SECTIONS - PHASE 1
REVISES SECTION DETAIL TO INCLUDE CMU WALL PER RFI

A3102-1 WALL SECTIONS - PHASE 1
ADD SHIPS LADDER IN VAULT

A5101-1 EXTERIOR DETAILS - PHASE 1
REVISE SLAB EDGE PER RFI-041

PLUMBING Sheets (P)

P0000-1 SYMBOLS, ABBREV. & SCHEDULES - PLUMBING
REVISE FLOOR CLEANOUT FOR PARKING AREAS ON PLUMBING DRAIN AND CLEANOUT SCHEDULE.

P0999-A-1 UNDERFLOOR - ZONE A - PHASE 1 - PLUMBING
REVISE LOCATION OF FLOOR DRAINS AND ASSOCIATED PIPING IN PARKING AREA TO MATCH FLOOR PITCH.
ADD FLOOR DRAINS AND ASSOCIATED PIPING IN NORTH ELEVATOR LOBBY & STAIRWELLS, STORAGE ROOMS, AND PARKING AREA.
REVISED SUBSOIL DRAINAGE AS PART OF RFI-029.
ADD SUBSOIL DRAINAGE CLEANOUTS AS PART OF RFI-027.

P0999-B-1 UNDERFLOOR - ZONE B - PHASE 1 - PLUMBING
REVISE LOCATION OF FLOOR DRAINS AND ASSOCIATED PIPING IN PARKING AREA TO MATCH FLOOR PITCH.
ADD FLOOR DRAINS AND ASSOCIATED PIPING IN SOUTH ELEVATOR LOBBY & STAIRWELLS, STORAGE ROOMS, AND PARKING AREA.
REVISED SUBSOIL DRAINAGE AS PART OF RFI-029.
ADD SUBSOIL DRAINAGE CLEANOUTS AS PART OF RFI-027.

P1000-A-1 LOWER LEVEL - ZONE A - PHASE 1 - PLUMBING

REVISE LOCATION OF FLOOR DRAINS AND ASSOCIATED PIPING IN PARKING AREA TO MATCH FLOOR PITCH.
ADD FLOOR DRAINS AND ASSOCIATED PIPING IN NORTH ELEVATOR LOBBY & STAIRWELLS, STORAGE ROOMS, AND PARKING AREA.
ADD SUBSOIL DRAINAGE CLEANOUTS AS PART OF RFI-027.
REVISE LOCATION OF NORTH WATER SERVICE ENTRANCE PER RFI-030.
REVISE LOCATION OF CITY'S WATER METER FROM MAINTENANCE 191 TO LOWER LEVEL PARKING PER RFI-030.
REVISE SIZE OF COLDWATER PIPING FROM WATER METER TO MAINTENANCE 191.
REVISE LOCATION OF 15" SANITARY BUILDING DRAIN TO MATCH UTILITY PLAN C500 PER RFI-028.
ADD KEYED NOTE P15.
ADD KEYED NOTE P24.

P1000-B-1 LOWER LEVEL - ZONE B - PHASE 1 - PLUMBING

REVISE LOCATION OF FLOOR DRAINS AND ASSOCIATED PIPING IN PARKING AREA TO MATCH FLOOR PITCH.
ADD FLOOR DRAINS AND ASSOCIATED PIPING IN SOUTH ELEVATOR LOBBY & STAIRWELLS, STORAGE ROOMS, AND PARKING AREA.
ADD SUBSOIL DRAINAGE CLEANOUTS AS PART OF RFI-027.
REVISE LOCATION OF SOUTH WATER SERVICE ENTRANCE PER RFI-030.
REVISE LOCATION OF PHASE 2 WATER METER FROM FIRE PUMP ROOM 182 TO LOWER LEVEL PARKING FROM PER RFI-030.
ADD KEYED NOTE P5.
ADD KEYED NOTE P6.

P1001-A-1 1ST FLR - ZONE A – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN NORTH ELEVATOR LOBBY.
REVISE LOCATION OF CITY'S WATER METER FROM MAINTENANCE 191 TO LOWER LEVEL PARKING PER RFI-030.
REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN LOCATED ON FLOOR ABOVE.

P1001-B-1 1ST FLR - ZONE B – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN SOUTH ELEVATOR LOBBY.
REVISE LOCATION OF PHASE 2 WATER METER FROM FIRE PUMP ROOM 182 TO LOWER LEVEL PARKING FROM PER RFI-030.
REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN LOCATED ON FLOOR ABOVE.
REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.
DELETE KEYED NOTE P6.

P1002-A-1 P2 FLR - ZONE A – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN NORTH ELEVATOR LOBBY.
REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN LOCATED ON FLOOR ABOVE.
REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.

P1002-B-1 P2 FLR - ZONE B – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN SOUTH ELEVATOR LOBBY.
REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN LOCATED ON FLOOR ABOVE.
REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.

P1003-A-1 P3 FLR - ZONE A – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN NORTH ELEVATOR LOBBY.
REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN LOCATED ON FLOOR ABOVE.
REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.

P1003-B-1 P3 FLR - ZONE B – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN SOUTH ELEVATOR LOBBY.
REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN LOCATED ON FLOOR ABOVE.
REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.

P1004-A-1 P4 FLR - ZONE A – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN NORTH ELEVATOR LOBBY.

REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN LOCATED ON FLOOR ABOVE.

REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.

P1004-B-1 P4 FLR - ZONE B – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN SOUTH ELEVATOR LOBBY.

REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN LOCATED ON FLOOR ABOVE.

REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.

P1005-A-1 P5 FLR - ZONE A – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN NORTH ELEVATOR LOBBY.

REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN LOCATED ON FLOOR ABOVE.

REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.

REVISE ROUTING OF CLEARWATER WASTE PIPING TO AVOID COLUMN.

P1005-B-1 P5 FLR - ZONE B – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN SOUTH ELEVATOR LOBBY.

REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN LOCATED ON FLOOR ABOVE.

REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.

P1006-A-1 P6 FLR - ZONE A – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN NORTH ELEVATOR LOBBY.

REVISE PIPING ASSOCIATED WITH ADJUSTMENT OF FLOOR DRAIN.

REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.

ADD FLOOR DRAIN (2"FD-1) TO BE CAST INTO PLACE ON 7TH FLOOR AS PART OF PHASE 1.

ADD KEYED NOTE 25.

P1006-B-1 P6 FLR - ZONE B – PHASE 1 – PLUMBING

ADD FLOOR DRAINS AND ASSOCIATED PIPING IN SOUTH ELEVATOR LOBBY.

REVISE LOCATION OF FLOOR DRAINS TO MATCH PITCH OF FLOOR.

P4000-1 WASTE AND VENT ISOMETRIC - PLUMBING

REVISE ISOMETRIC TO MATCH PLANS.

ADD KEYED NOTE P25.

P4001-1 WASTE AND VENT ISOMETRIC - PLUMBING

REVISE ISOMETRIC TO MATCH PLANS.

P4002-1 WASTE AND VENT ISOMETRIC - PLUMBING

REVISE ISOMETRIC TO MATCH PLANS.

P4003-1 WASTE AND VENT ISOMETRIC - PLUMBING

REVISE ISOMETRIC TO MATCH PLANS.

P4100-1 DOMESTIC WATER ISOMETRIC - PLUMBING

REVISE ISOMETRIC TO MATCH PLANS.

ADD GENERAL NOTES.

P4101-1 DOMESTIC WATER ISOMETRIC - PLUMBING

REVISE ISOMETRIC TO MATCH PLANS.

ADD GENERAL NOTES.

ADD KEYED NOTE P5.

ADD KEYED NOTE P6.

P4202-1 STORM ISOMETRIC - PLUMBING
REVISE ISOMETRIC TO MATCH PLANS.

ELECTRICAL Sheets (E)

E8002-1 SCHEDULES - CONNECTIONS
REVISE ELECTRICAL CONNECTIONS FOR PHASE 1 ELEVATORS.

E8006-1 SCHEDULES – PANELS
REVISE PANEL SCHEDULES FOR PANEL OH-1A.

EP1000-1 LOWER LEVEL – OVERALL – PHASE 1 – POWER/SYSTEMS
ADD FIRE PROTECTION SPRINKLER FLOW/TAMPER CONNECTIONS AT WATER SERVICE.

EP1000-B-1 LOWER LEVEL – ZONE B – PHASE 1 – POWER/SYSTEMS
ADD FIRE PROTECTION SPRINKLER FLOW/TAMPER CONNECTIONS AT WATER SERVICE.

FIRE PROTECTION Sheets (F)

F1000-1 LOWER LEVEL OVERALL - PHASE 1 – FIRE PROTECTION
REVISE LOCATION OF DOUBLE CHECK VALVE AND ASSOCIATED PIPING FROM FIRE PUMP ROOM 182 TO LOWER LEVEL PARKING.

F1001-1 1ST FLR OVERALL - PHASE 1 – FIRE PROTECTION
REVISE LOCATION OF DOUBLE CHECK VALVE FROM FIRE PUMP ROOM 182 TO LOWER LEVEL PARKING.

F5001-1 PHASE 1 FIRE PROTECTION RISER DIAGRAM
REVISE RISER DIAGRAM TO MATCH PLANS.

END OF CONSTRUCTION BULLETIN



STATE STREET CAMPUS GARAGE MADISON, WI 20448

OWNER:	CITY OF MADISON
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	05/21/2024

Please submit an itemized proposal for changes in the CONTRACT SUM and/or the CONTRACT TIME for proposed modifications to the Contract Documents described herein. This proposal must itemize all associated direct (hard) costs, indirect (soft) costs, and consequential costs.

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This is not a CHANGE ORDER or a DIRECTION TO PROCEED with the work described in the proposed modifications.

I. PROJECT MANUAL

SPECIFICATIONS

08 71 00 DOOR HARDWARE

ADD HARDWARE GROUP NO. 08A (REVIEW RED TEXT FROM DOCUMENT)

27 00 05 COMMUNICATIONS CABLING

ADD SECTION 2.7 TO INCLUDE 4-POST RACK SPECIFICATIONS.

II. CONSTRUCTION DOCUMENTS

CIVIL Sheets (C)

C300 SITE PLAN PHASE 1

REVISE ELECTRIC VAULT GRATE LOCATION

C400 GRADING PLAN - PHASE 1&2

REVISE ELECTRIC VAULT GRATE LOCATION

STRUCTURAL Sheets (S)

S1000-A-1 FOUNDATION PLAN – ZONE A – PHASE 1

REVISE (3) FOOTING ELEVATIONS

DELETE FOUNDATION WALL LEDGE AT ELEVATOR 1

S1000-B-1 FOUNDATION PLAN – ZONE B – PHASE 1
ADD SUMP PIT AND FLOOR SLOPING AT ELECTRIC VAULT

S1001-1 1ST FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB SLOPE AT NW BUS EXIT
ADD HSS BEAM AND DETAIL AT BUS WAITING
ADD DETAIL CUT 4/S4002-1 (2 LOCATIONS)
REVISE OPENING LOCATION FOR ELECTRIC VAULT GRATES

S1001-B-1 1ST FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE OPENING LOCATION FOR ELECTRIC VAULT GRATES & ADD BEAM

S1002-1 P2 FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB THICKNESS AND STEP LOCATION
DELETE HSS BEAM AND DETAIL AT BUS WAITING

S1002-A-1 P2 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE BEAM B2-1 WIDTH (ALL LEVELS)
REVISE PT FORCES
REVISE REINFORCEMENT QUANTITIES
ADD STUD RAILS AT COLUMN A/4

S1002-B-1 P2 FLR FRAMING PLAN – ZONE B – PHASE 1
DELETE SLAB BOTTOM BAR AT GRID 5

S1003-A-1 P3 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE BEAM B2-1 WIDTH

S1004-A-1 P4 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE BEAM B2-1 WIDTH
REVISE PHASE 2 PLACING BOOM OPENING SIZE & LOCATION
REVISE PT ORDINATE
REVISE STUD RAIL TYPE AT COLUMN F/3

S1004-B-1 P4 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE STUD RAIL TYPE AT COLUMNS F/3, G/3, H/3

S1005-A-1 P5 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE BEAM B2-1 WIDTH
REVISE PHASE 2 PLACING BOOM OPENING SIZE & LOCATION
REVISE PT ORDINATE
REVISE STUD RAIL TYPES AT COLUMNS C/3, E/3
ADD BOTTOM BAR AT GRID 1

S1005-B-1 P5 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE STUD RAIL TYPE AT COLUMNS G/3, H/3
REVISE PT FORCE AND ORDINATES

S1006-A-1 P6 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE BEAM B2-1 WIDTH
REVISE PHASE 2 PLACING BOOM OPENING SIZE & LOCATION

REVISE PT FORCE & ORDINATE
REVISE STUD RAIL TYPES AT COLUMN F/3

S1006-B-1 P6 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE STUD RAIL TYPE AT COLUMNS F/3, G/3, H/3, I/3
REVISE PT ORDINATE

S1007-A-1 7TH FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE BEAM B2-1 WIDTH
REVISE PHASE 2 PLACING BOOM OPENING SIZE & LOCATION
ADD CONSTRUCTION JOINT LOCATIONS
DELETE PT IN POOL SLAB IN EAST-WEST DIRECTION
ADD MILD REINFORCEMENT IN POOL SLAB IN EAST-WEST DIRECTION

S1007-B-1 7TH FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE PT FORCES
ADD CONSTRUCTION JOINT LOCATIONS
ADD REINFORCEMENT AT POOL/TOWER CRANE OPENING
DELETE PT IN POOL SLAB IN EAST-WEST DIRECTION
ADD MILD REINFORCEMENT IN POOL SLAB IN EAST-WEST DIRECTION

S2010-1 CONCRETE SHEAR WALL ELEVATIONS – PHASE 1
DELETE NOTE 9 FROM GENERAL NOTES

S3001-1 FOUNDATION WALL DETAILS
ADD DETAIL 12

S3010-1 ELECTRICAL VAULT STRUCTURAL PLANS AND DETAILS
ADD SUMP PIT AND FLOOR SLOPING AT ELECTRIC VAULT
REVISE OPENING LOCATION FOR ELECTRIC VAULT GRATES
ADD DETAIL 5

S3011-1 BRIDGE DETAILS
ADD BARRIER CABLE COLUMNS TO PLAN VIEWS
REVISE DETAILS 5, 6 & 9
REVISE DETAIL NUMBERING

S4001-1 CONCRETE FRAMING DETAILS
REVISE SLAB THICKNESS AND U-BAR LENGTH IN DETAIL 16
ADD STUD RAIL TYPES TO SCHEDULE

S4002-1 CONCRETE FRAMING DETAILS
ADD DETAIL 4

S4010-1 CONCRETE BEAM SCHEDULE AND DETAILS
REVISE BEAM B2-1 WIDTH IN SCHEDULE

ARCHITECTURAL Sheets (A)

A1000-B-1 LOWER LEVEL - ZONE B - PHASE 1
REVISE ELECTRICAL VAULT GRATE LOCATION

A1001-A-1 1ST FLR - ZONE A - PHASE 1
ADD WALL TAGS

ADD CLARIFYING DIMENSIONS
REVISE MASONRY OPENING AT DOOR 1S02-2 (PH2)

A1001-B-1 1ST FLR - ZONE B - PHASE 1
REVISE ELECTRICAL VAULT GRATE LOCATION
ADD WALL TAGS
ADD CLARIFYING DIMENSIONS

A1012-A-1 2ND FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE OPENING FOR TRASH CHUTE (PH2)

A1013-A-1 3RD FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE OPENING FOR TRASH CHUTE (PH2)

A1014-A-1 4TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE OPENING FOR TRASH CHUTE (PH2)

A1015-A-1 5TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE OPENING FOR TRASH CHUTE (PH2)

A1016-A-1 6TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE OPENING FOR TRASH CHUTE (PH2)

A1017-A-1 7TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1
REVISE OPENING FOR TRASH CHUTE (PH2)

A2004-1 EXTERIOR ELEVATIONS - PHASE 1
REVISE MASONRY COURSING HEIGHTS
REVISED AW02 HEIGHT

A3102-1 WALL SECTIONS - PHASE 1
REVISE ELECTRICAL VAULT GRATE LOCATION

A3200-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1
REVISE STAIR RUN DOWN TO LL

A3201-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1
ADD WALL TAGS
ADD CLARIFYING DIMENSIONS

A4001-1 ENLARGED FLOOR PLANS
REVISE ELECTRICAL VAULT GRATE LOCATION

A4002-1 ENLARGED FLOOR PLANS
ADD WALL TAGS
ADD CLARIFYING DIMENSIONS

A5104-1 EXTERIOR DETAILS - PHASE 1
REVISE CURB/SLAB EDGE DETAIL

A6000-1 DOOR AND FRAM SCHEDULE - PHASE 1
REVISE DOOR HEIGHT FOR 1S01-1
REVISE DOOR HARDWARE LABEL

PARKING Sheets (PG)

PG1003-1 P3 STRIPING PLAN
REVISE LOCATION OF CLEARANCE BAR

PG1004-1 P4 STRIPING PLAN
REVISE LOCATION OF CLEARANCE BAR

PLUMBING Sheets (P)

P1000-A-1 LOWER LEVEL - ZONE A - PHASE 1 - PLUMBING
ADD TIE-IN POINTS FOR PHASE 2 PLUMBING.

P4001-1 WASTE AND VENT ISOMETRICS - PLUMBING
REVISE ISOMETRIC TO MATCH PLANS.

MECHANICAL Sheets (M)

M1001-1 1ST FLR OVERALL – PHASE 1 – HVAC

REVISE VENTILATION GRATES.
REVISE OUTSIDE AIR DUCT ROUTING FROM L-8 TO ERV-2.

M1001-B-1 1ST FLR – ZONE B – PHASE 1 – HVAC
REVISE VENTILATION GRATES.
REVISE OUTSIDE AIR DUCT ROUTING FROM L-8 TO ERV-2.

M1002-1 P2 FLR OVERALL – PHASE 1 – HVAC
REVISE EF-P2-1 THRU EF-P2-6 TO ECM FAN.
DELETE VFD-P2-1 THRU VFD-P2-6.
REVISE OUTSIDE AIR DUCT ROUTING FROM L-8 TO ERV-2.

M1002-A-1 P2 FLR – ZONE A – PHASE 1 – HVAC
REVISE EF-P2-1 & EF-P2-2 TO ECM FAN.
DELETE VFD-P2-1 & VFD-P2-2.

M1002-B-1 P2 FLR – ZONE B – PHASE 1 – HVAC
REVISE EF-P2-3 THRU EF-P2-6 TO ECM FAN.
DELETE VFD-P2-3 THRU VFD-P2-6.
REVISE OUTSIDE AIR DUCT ROUTING FROM L-8 TO ERV-2.

M1003-1 P3 FLR OVERALL – PHASE 1 – HVAC
REVISE EF-P3-1 THRU EF-P3-6 TO ECM FAN.
DELETE VFD-P3-1 THRU VFD-P3-6.

M1003-A-1 P3 FLR – ZONE A – PHASE 1 – HVAC
REVISE EF-P3-1 & EF-P3-2 TO ECM FAN.
DELETE VFD-P3-1 & VFD-P3-2.

M1003-B-1 P3 FLR – ZONE B – PHASE 1 – HVAC
REVISE EF-P3-3 THRU EF-P3-6 TO ECM FAN.
DELETE VFD-P3-3 THRU VFD-P3-6.

M1004-1 P4 FLR OVERALL – PHASE 1 – HVAC
REVISE EF-P4-1 THRU EF-P4-6 TO ECM FAN.
DELETE VFD-P4-1 THRU VFD-P4-6.

M1004-A-1 P4 FLR – ZONE A – PHASE 1 – HVAC
REVISE EF-P4-1 & EF-P4-2 TO ECM FAN.
DELETE VFD-P4-1 & VFD-P4-2.

M1004-B-1 P4 FLR – ZONE B – PHASE 1 – HVAC
REVISE EF-P4-3 THRU EF-P4-6 TO ECM FAN.
DELETE VFD-P4-3 THRU VFD-P4-6.

M1005-1 P5 FLR OVERALL – PHASE 1 – HVAC
REVISE EF-P5-1 & EF-P5-2 TO ECM FAN.
DELETE VFD-P5-1 & VFD-P5-2.

M1005-A-1 P5 FLR – ZONE A – PHASE 1 – HVAC
REVISE EF-P5-1 & EF-P5-2 TO ECM FAN.
DELETE VFD-P5-1 & VFD-P5-2.

M1006-1 P6 FLR OVERALL – PHASE 1 – HVAC
REVISE EF-P5-3 THRU EF-P5-6 TO ECM FAN.
DELETE VFD-P5-3 THRU VFD-P5-6.
REVISE EF-P6-1 THRU EF-P6-6 TO ECM FAN.
DELETE VFD-P6-1 THRU VFD-P6-6.

M1006-A-1 P6 FLR – ZONE A – PHASE 1 – HVAC
REVISE EF-P6-1 THRU EF-P6-3 TO ECM FAN.
DELETE VFD-P6-1 THRU VFD-P6-3.

M1006-B-1 P6 FLR – ZONE B – PHASE 1 – HVAC
REVISE EF-P5-3 THRU EF-P5-6 TO ECM FAN.
DELETE VFD-P5-3 THRU VFD-P5-6.
REVISE EF-P6-3 THRU EF-P6-6 TO ECM FAN.
DELETE VFD-P6-3 THRU VFD-P6-6.

M4002-1 SECTIONS – HVAC
REVISE SECTION 2 FOR NEW PARKING EXHAUST FAN LAYOUT/ELEVATION.

M5004-1 CONTROL DIAGRAMS, POINTS LISTS, SEQ – HVAC
REVISE SEQUENCE OF OPERATIONS FOR PARKING LEVELS P2-P6 TO ACCOMMODATE NEW ECM FANS.

M8001-1 SCHEDULES – HVAC
REVISE FAN SCHEDULE (EF-PX-Y) FOR NEW ECM FANS.

M8002-1 SCHEDULES – HVAC
DELETE VFD SCHEDULE.

ELECTRICAL Sheets (E)

EP1001-1 1ST FLR OVERALL – PHASE 1 – POWER/SYSTEMS
ADD AUTO DOOR POWER SUPPLY AND OPERATOR BUTTON LOCATIONS TO 1ST FL ELEVATOR LOBBY.

EP1001-B-1 1ST FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
ADD AUTO DOOR POWER SUPPLY AND OPERATOR BUTTON LOCATIONS TO 1ST FL ELEVATOR LOBBY.
REVISE KEYED NOTE S15 FOR CITY IT RACK TO BE A LOCKABLE 4-POST RACK ENCLOSURE.

EP1002-1 P2 FLR OVERALL – PHASE 1 – POWER/SYSTEMS



STATE STREET CAMPUS GARAGE MADISON, WI 20448

OWNER:	CITY OF MADISON
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	06/25/2024

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I. PROJECT MANUAL

SPECIFICATIONS

22 13 16 SANITARY WASTE AND VENT PIPING

ADD SECTION 2.6 STAINLESS STEEL

ADD SECTION 3.2 (P).

ADD SECTION 3.3 (D).

ADD SECTION 3.11 (C).

II. CONSTRUCTION DOCUMENTS

STRUCTURAL Sheets (S)

S1002-A-1 - P2 FLR FRAMING PLAN - ZONE A - PHASE 1

REVISE SLAB AT 3 DRAINS ON P2

ADDS NEW DETAIL REFERENCE FOR 5/S4002-1

S4002-1 - CONCRETE FRAMING DETAILS

ADD DETAIL 5/S4002-1

ARCHITECTURAL Sheets (A)

A1002-A-1 P2 FLR - ZONE A - PHASE 1

ADD DETAIL CALLOUT D1/A5105-1 AT 3 DRAINS

A5105-1 EXTERIOR DETAILS - PHASE 1

ADD DETAIL D1/A5105-1

PLUMBING Sheets (P)

P0000-1 SYMBOLS, ABBREV. & SCHEDULES - PLUMBING
ADD FLOOR DRAIN FD-6 TO PLUMBING DRAIN AND
CLEANOUT SCHEDULE.

ADD S.S. (STAINLESS STEEL) TO ABBREVIATION LIST.

ADD SHEET "P9002-1 DETAILS – PLUMBING" TO PLUMBING SHEET INDEX – PHASE 1.

P1001-A-1 1ST FLR - ZONE A – PHASE 1 – PLUMBING

REVISE FLOOR DRAIN SANITARY AND VENT PIPING ROUTING.

ADD KEYED NOTE P26.

P1002-A-1 P2 FLR - ZONE A – PHASE 1 – PLUMBING

REVISE FLOOR DRAIN TYPE TO FD-6.

ADD VENT PIPING FOR FLOOR DRAIN.

P1003-A-1 P3 FLR - ZONE A – PHASE 1 – PLUMBING

ADD VENT PIPING FOR FLOOR DRAINS.

P4000-1 WASTE AND VENT ISOMETRICS - PLUMBING

REVISE ISOMETRIC TO MATCH PLANS.

ADD KEYED NOTE P26

P9002-1 WASTE AND VENT ISOMETRICS - PLUMBING

ADD SHEET P9002-1

ADD 1/P9002-1 "BUS TERMINAL DRAIN DETAIL"

ELECTRICAL Sheets (E)

E8001-1 SCHEDULES - CONNECTIONS

ADD ELECTRICAL CONNECTION HT-1-BT FOR PLUMBING PIPING HEAT TAPE LOCATED IN BUS TERMINAL.

E8003-1 SCHEDULES - PANELS

REVISE PANEL SCHEDULE FOR PANEL H-1A

EL1001-1 1ST FLR OVERALL – PHASE 1 – LIGHTING

REVISE LIGHTING AND LIGHTING CONTROL LAYOUT TO PROVIDE PROPER BUS TERMINAL CLEARANCE.

EL1001-A-1 1ST FLR ZONE A – PHASE 1 – LIGHTING

REVISE LIGHTING AND LIGHTING CONTROL LAYOUT TO PROVIDE PROPER BUS TERMINAL CLEARANCE.

EP1001-A-1 1ST FLR ZONE A – PHASE 1 – POWER/SYSTEMS

ADD ELECTRICAL CONNECTION HT-1-BT FOR PLUMBING PIPING HEAT TAPE LOCATED IN BUS TERMINAL.

END OF CONSTRUCTION BULLETIN



STATE STREET CAMPUS GARAGE MADISON, WI 20448

OWNER:	CITY OF MADISON
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	07/11/2024

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I. PROJECT MANUAL

SPECIFICATIONS

REVISE 04 20 00 UNIT MASONRY

ADD 23 82 16.14 ELECTRIC-RESISTANCE AIR COILS.

II. CONSTRUCTION DOCUMENTS

ARCHITECTURAL Sheets (A)

A0000-1 BUILDING SYSTEMS & PARTITIONS
ADD MINERAL WOOL TO ASSEMBLIES

A1001-1-1 1ST FLR - OVERALL - PHASE 1
REVISE WALL TYPES AT ELECTRICAL ROOMS AND RAMP

A1001-A-1 1ST FLR - ZONE A - PHASE 1
REVISE WALL TYPES AT RAMP

A1001-B-1 1ST FLR - ZONE B - PHASE 1
REVISE WALL TYPES AT ELECTRICAL ROOMS AND RAMP

A1002-1-1 P2 FLR - OVERALL - PHASE 1

REVISE WALL TYPES

A1002-A-1 P2 FLR - ZONE A - PHASE 1
REVISE WALL TYPES

A1002-B-1 P2 FLR - ZONE B - PHASE 1
REVISE WALL TYPES

A1003-1 P3 FLR - OVERALL - PHASE 1
REVISE WALL TYPES

A1003-A-1 P3 FLR - ZONE A - PHASE 1
REVISE WALL TYPES

A1003-B-1 P3 FLR - ZONE B - PHASE 1
REVISE WALL TYPES

A1004-1 P4 FLR - OVERALL - PHASE 1
REVISE WALL TYPES

A1004-A-1 P4 FLR - ZONE A - PHASE 1
REVISE WALL TYPES

A1004-B-1 P4 FLR - ZONE B - PHASE 1
REVISE WALL TYPES

A1005-1 P5 FLR - OVERALL - PHASE 1
REVISE WALL TYPES

A1005-A-1 P5 FLR - ZONE A - PHASE 1
REVISE WALL TYPES

A1005-B-1 P5 FLR - ZONE B - PHASE 1
REVISE WALL TYPES

A1006-1 P6 FLR - OVERALL - PHASE 1
REVISE WALL TYPES

A1006-A-1 P6 FLR - ZONE A - PHASE 1
REVISE WALL TYPES

A1006-B-1 P6 FLR - ZONE B - PHASE 1
REVISE WALL TYPES

A3200-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1
REVISE WALL TAGS
ADDS WALL TAGS

A3201-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1
REVISE WALL TAGS
ADDS WALL TAGS

A3202-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1
REVISE WALL TAGS

ADDS WALL TAGS

A3203-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1
REVISE WALL TAGS
ADDS WALL TAGS

A3204-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1
REVISE WALL TAGS
ADDS WALL TAGS

A4002-1 ENLARGED FLOOR PLANS
ADDS WALL TAGS

MECHANICAL Sheets (M)

M1000-1 LOWER LEVEL OVERALL – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER (EWH-21) TO ELEVATOR 01 – 0E01.

M1000-A-1 LOWER LEVEL – ZONE A – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER (EWH-21) TO ELEVATOR 01 – 0E01.
REVISE THERMOSTAT TO PICK UP EWH-21.

M1001-1 1ST FLR OVERALL – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER (EWH-22) TO STAIR 01 – 1S01.
ADD ELECTRIC DUCT HEATER (EDH-1) TO 18/12 SUPPLY DUCT.

M1001-A-1 1ST FLR – ZONE A – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER (EWH-22) AND THERMOSTAT TO STAIR 01 – 1S01.
ADD ELECTRIC DUCT HEATER (EDH-1) TO 18/12 SUPPLY DUCT.

M1002-1 P2 FLR OVERALL – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER (EWH-23) TO STAIR 01 – 2S01.

M1002-A-1 P2 FLR – ZONE A – PHASE 1 – HVAC
ADD ELECTRIC WALL HEATER (EWH-23) AND THERMOSTAT TO STAIR 01 – 2S01.

M1006-B-1 P6 FLR – ZONE B – PHASE 1 – HVAC
ADD SECURITY COVER TO THERMOSTAT IN STAIR 03 – 6S03.

M4001-1 SECTIONS – HVAC
ADD ELECTRIC DUCT HEATER (EDH-1) TO 18/12 SUPPLY DUCT.

M5001-1 CONTROL DIAGRAMS, POINTS LISTS, SEQ – HVAC
REVISE BUS TERMINAL SUPPORT SPACES CONTROL DIAGRAM, POINTS LIST, SEQUENCE OF OPERATIONS TO INCLUDE ELECTRIC DUCT HEATER.

M8001-1 SCHEDULES – HVAC
DELETE ELECTRIC WALL HEATER SCHEDULE AND MOVE TO M8002-1.

M8002-1 SCHEDULES – HVAC
ADD REVISED ELECTRIC WALL HEATER SCHEDULE FROM M8001-1.
REVISE ELECTRICAL REQUIREMENTS FOR ELECTRIC WALL HEATER CONNECTIONS (EWH-6, EWH-7).
ADD ELECTRIC WALL HEATERS (EWH-21, EWH-22, EWH-23).
ADD ELECTRIC DUCT HEATER SCHEDULE.

ELECTRICAL Sheets (E)

EP1000-1 LOWER LEVEL OVERALL – PHASE 1 – POWER/SYSTEMS
ADD ELECTRIC WALL HEATER CONNECTION (EWH-21) TO ELEVATOR 01 – 0E01.

EP1000-A-1 LOWER LEVEL – ZONE A – PHASE 1 – POWER/SYSTEMS
ADD ELECTRIC WALL HEATER CONNECTION (EWH-21) TO ELEVATOR 01 – 0E01.

EP1001-1 1ST FLR OVERALL – PHASE 1 – POWER/SYSTEMS
ADD ELECTRIC WALL HEATER CONNECTION (EWH-22) TO STAIR 01 – 1S01.
ADD ELECTRIC DUCT HEATER CONNECTION (EDH-1) TO BUS TERMINAL.

EP1001-A-1 1ST FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
ADD ELECTRIC WALL HEATER CONNECTION (EWH-22) TO STAIR 01 – 1S01.
ADD ELECTRIC DUCT HEATER CONNECTION (EDH-1) TO BUS TERMINAL.

EP1002-1 P2 FLR OVERALL – PHASE 1 – POWER/SYSTEMS
ADD ELECTRIC WALL HEATER CONNECTION (EWH-23) TO STAIR 01 – 2S01.

EP1002-A-1 P2 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
ADD ELECTRIC WALL HEATER CONNECTION (EWH-23) TO STAIR 01 – 2S01.

E8002-1 SCHEDULES - CONNECTIONS
ADD ELECTRIC WALL HEATER CONNECTIONS (EWH-21, EWH-22, EWH-23) TO MOTOR CONNECTION SCHEDULE.
ADD ELECTRIC DUCT HEATER CONNECTION (EDH-1) TO MOTOR CONNECTION SCHEDULE.
REVISE ELECTRICAL REQUIREMENTS FOR ELECTRIC WALL HEATER CONNECTIONS (EWH-6, EWH-7).
REVISE ELECTRICAL REQUIREMENTS FOR OVERHEAD DOOR CONNECTION (OHD-004-2).

E8003-1 SCHEDULES - PANELS
REVISE PANEL SCHEDULE FOR PANEL H-1A.
REVISE PANEL SCHEDULE FOR PANEL L-1A.

E8004-1 SCHEDULES - PANELS
REVISE PANEL SCHEDULE FOR PANEL L-BT.

END OF CONSTRUCTION BULLETIN

Construction Bulletin P1_CB09



STATE STREET CAMPUS GARAGE MADISON, WI 20448

OWNER:	CITY OF MADISON
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	07/19/2024

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I. PROJECT MANUAL

SPECIFICATIONS

SECTION 087100 - DOOR HARDWARE
ADD HARDWARE GROUP 32 and 33
REVISE HARDWARE 08A, 12, and 13

II. CONSTRUCTION DOCUMENTS

CIVIL Sheets (C)

C500 UTILITY PLAN - PHASE 1
REVISE INVERT ELEVATION NUMBERS

GENERAL Sheets (G)

G1000 LOWER LEVEL FLR LIFE SAFETY PLAN
ADD RATING TO NEW CHASE WALL

ARCHITECTURAL Sheets (A)

A1000-1 LOWER LEVEL OVERALL - PHASE 1
REVISE PARKING STRIPING AT SOUTHWEST CORNER
REVISE PARKING LABELS
ADD CHASE WALL SOUTH OF ELECTRICAL VAULT

A1000-B-1 LOWER LEVEL - ZONE B - PHASE 1
REVISE PARKING STRIPING AT SOUTHWEST CORNER
FLIP LL-01-C STALL WITH LL-73-H
ADD CHASE WALL SOUTH OF ELECTRICAL VAULT

A1004-1 P4 FLR OVERALL - PHASE 1
DELETE OLD EV TAG

A1004-A-1 P4 FLR - ZONE A - PHASE 1
DELETE OLD EV TAG

A1101-A-1 1ST FLR CEILING PLAN - ZONE A - PHASE 1
ADD SOFFIT ABOVE BUS TERMINAL WALKWAYS

A3102-1 WALL SECTIONS - PHASE 1
ADD SOFFIT ABOVE BUS TERMINAL WALKWAYS

A4001-1 ENLARGED FLOOR PLANS
ADD CHASE WALL SOUTH OF ELECTRICAL VAULT
ADD 006-2 DOOR IN CHASE
ADD CONCRETE FACED INSULATED PANEL TO VAULT AND CHASE WALLS

A6000-1 DOOR AND FRAME SCHEDULE - PHASE 1
ADD 006-2 DOOR INFORMATION TO SCHEDULE

STRUCTURAL Sheets (S)

S1001-1 1ST FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB SLOPE AND ELEVATIONS AT EAST GARAGE ENTRANCE
ADD DETAIL 12 AT SLAB/FOUNDATION WALL ON EAST SIDE
REVISE WALL EXTENTS AT STAIR 4 AND ADD DETAIL CUT

S1001-A-1 1ST FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE MASONRY WALL TYPE AT BUS WAITING
ADD STRESSING ACCESS STRIP AT BUS WAITING
ADD HOOKED BAR CALLOUT – MULTIPLE LOCATIONS
ADD TRENCH DRAINS AND REINFORCEMENT AT ELEVATOR 2
REVISE STIRRUP SPACING AT GRID C AND SOUTH OF COLUMN C/2
ADD BOTTOM REINFORCEMENT NEAR GRID C
REVISE PLAN GENERAL NOTE 8.B
DELETE KEYED NOTE J
ADD KEYED NOTES U, V & W

S1001-B-1 1ST FLR FRAMING PLAN – ZONE B – PHASE 1
ADD HOOKED BAR CALLOUT – MULTIPLE LOCATIONS
ADD CONSTRUCTION JOINT

S1002-A-1 P2 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TRENCH DRAINS AND REINFORCEMENT AT ELEVATOR 2

S1003-1 3RD FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE BARRIER CABLE COLUMN SIZE

S1003-A-1 P3 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TRENCH DRAINS AND REINFORCEMENT AT ELEVATOR 2

REVISE REINFORCEMENT LENGTH AT TRANSFER COLUMNS
REVISE REINFORCEMENT QUANTITIES
ADD SLAB REINFORCEMENT AT BEAMS

S1003-B-1 P3 FLR FRAMING PLAN – ZONE B – PHASE 1
ADD SLAB REINFORCEMENT AT BEAMS

S1004-A-1 P4 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TRENCH DRAINS AND REINFORCEMENT AT ELEVATOR 2
REVISE REINFORCEMENT LENGTH AT TRANSFER COLUMNS
REVISE REINFORCEMENT QUANTITIES
REVISE BEAM TYPES AT WEST SIDE

S1004-B-1 P4 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE BEAM TYPES AT WEST SIDE GRID 2 BETWEEN GRIDS I AND J

S1005-A-1 P5 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TRENCH DRAINS AND REINFORCEMENT AT ELEVATOR 2
REVISE REINFORCEMENT LENGTH AT TRANSFER COLUMNS

S1006-A-1 P6 FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TRENCH DRAINS AND REINFORCEMENT AT ELEVATOR 2
REVISE REINFORCEMENT LENGTH AT TRANSFER COLUMNS
REVISE BEAM TYPES AT WEST SIDE

S1006-B-1 P6 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE BEAM TYPES AT WEST SIDE GRID 2 BETWEEN GRIDS I AND J

S1007-1 7TH FLR FRAMING PLAN – OVERALL – PHASE 1
DELETE SLAB JOGS AT GRID D
DELETE PIER NOTATION FOR FENCE POSTS
ADD EMBED LOCATING DIMENSIONS FOR PHASE 2 SCREEN WALL COLUMNS

S1007-A-1 7TH FLR FRAMING PLAN – ZONE A – PHASE 1
ADD TRENCH DRAINS AND REINFORCEMENT AT ELEVATOR 2
REVISE REINFORCEMENT LENGTH AT TRANSFER COLUMNS
REVISE PT ORDINATES
ADD STIRRUPS AT SLAB STEPS

S1007-B-1 7TH FLR FRAMING PLAN – ZONE B – PHASE 1
ADD STIRRUPS AT SLAB STEPS
ADD REINFORCEMENT WEST OF STAIR 5
REVISE PT ORDINATES

S1010-1 DIAPHRAGM REINFORCING PLANS – PHASE 1
REVISE REINFORCEMENT LAYOUT AND QUANTITIES
ADD HOOKED BARS AT SHEAR WALL

S2000-1 CONCRETE COLUMN SCHEDULE – PHASE 1
REVISE COLUMN TYPE AT I/7

S2010-1 CONCRETE SHEAR WALL ELEVATIONS – PHASE 1
REVISE LINK BEAM DEPTH IN SW-D
ADD LINK BEAM TYPE

S4010-1 CONCRETE BEAM SCHEDULE AND DETAILS
REVISE BEAM REINFORCEMENT
ADD BEAM TYPES

S4021-1 STEEL FRAMING DETAILS – PHASE 1
REVISE DETAILS

S4030-1 MASONRY DETAILS
ADD WALL TYPE
DELETE DETAIL 9

MECHANICAL Sheets (M)

M1001-1 1ST FLR OVERALL – PHASE 1 – HVAC
REVISE 70/36 OUTSIDE AIR DUCT TO 96/24 AS COORDINATED WITH OTHER TRADES INSTALLATION/ROUTING.

M1001-B-1 1ST FLR – ZONE B – PHASE 1 – HVAC
REVISE 70/36 OUTSIDE AIR DUCT TO 96/24 AS COORDINATED WITH OTHER TRADES INSTALLATION/ROUTING.

M4002-1 SECTIONS – HVAC
REVISE 70/36 OUTSIDE AIR DUCT TO 96/24 AS COORDINATED WITH OTHER TRADES INSTALLATION/ROUTING.

ELECTRICAL Sheets (E)

EL1000-1 LOWER LEVEL OVERALL– PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EL1000-A-1 LOWER LEVEL – ZONE A – PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EL1003-1 P3 FLR OVERALL– PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EL1003-A-1 P3 FLR – ZONE A – PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EL1004-1 P4 FLR OVERALL – PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EL1004-A-1 P4 FLR – ZONE A – PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EL1005-1 P5 FLR OVERALL – PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EL1005-A-1 P5 FLR – ZONE A – PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EL1006-1 P6 FLR OVERALL – PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EL1006-A-1 P6 FLR – ZONE A – PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EL1006-B-1 P6 FLR – ZONE B – PHASE 1 - LIGHTING
REVISE LIGHT LOCATIONS.

EP1000-1 LOWER LEVEL OVERALL – PHASE 1 – POWER/SYSTEMS
REVISE SECONDARY FEEDER ROUTING FROM MG&E VAULT TO CITY AND HOUSING ELECTRICAL ROOMS.
REMOVE ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-C7'
REVISE CITY EV STALL LOCATIONS.

EP1000-B-1 LOWER LEVEL – ZONE B – PHASE 1 – POWER/SYSTEMS
REVISE SECONDARY FEEDER ROUTING FROM MG&E VAULT TO CITY AND HOUSING ELECTRICAL ROOMS.
REMOVE ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-C7'
REVISE CITY EV STALL LOCATIONS.

EP1001-1 1ST FLR OVERALL – PHASE 1 – POWER/SYSTEMS
REVISE CONDUIT SLEEVE/STUB LOCATIONS FOR PUBLIC EV READY LOCATIONS.
REMOVE ELECTRIC VEHICAL READY CONNECTION 'EVR-2'
REVISE EV CHARGER CONNECTIONS 'EVC-1, 'EVC-2', AND 'EVC-3' TO EV READY CONNECTIONS.

EP1001-B-1 1ST FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
REVISE CONDUIT SLEEVE/STUB LOCATIONS FOR PUBLIC EV READY LOCATIONS.
REMOVE ELECTRIC VEHICAL READY CONNECTION 'EVR-2'
REVISE EV CHARGER CONNECTIONS 'EVC-1, 'EVC-2', AND 'EVC-3' TO EV READY CONNECTIONS.

EP1002-1 P2 FLR OVERALL – PHASE 1 – POWER/SYSTEMS
ADD EV CONDUIT SLEEVE.
REVISE LOCATION OF PANEL L-P2
REVISE LOCATION OF ELECTRIC VEHICAL READY CONNECTION 'EVR-P2-7'
ADD ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-P2-1'

EP1002-A-1 P2 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
ADD EV CONDUIT SLEEVE.
REVISE LOCATION OF PANEL L-P2
REVISE LOCATION OF ELECTRIC VEHICAL READY CONNECTION 'EVR-P2-7'

EP1002-B-1 P2 FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
ADD ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-P2-1'

EP1003-1 P3 FLR OVERALL – PHASE 1 – POWER/SYSTEMS
REVISE LOCATION OF EV CONDUIT SLEEVE.
ADD EV CONDUIT SLEEVES.
REVISE LOCATIONS OF PANELS H-P3 AND L-P3.
REVISE LOCATION OF ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-P3-1'

EP1003-A-1 P3 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
REVISE LOCATION OF EV CONDUIT SLEEVE.
ADD EV CONDUIT SLEEVES.
REVISE LOCATIONS OF PANELS H-P3 AND L-P3.
REVISE LOCATION OF ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-P3-1'

EP1003-B-1 P3 FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
REVISE LOCATION OF ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-P3-1'

EP1004-1 P4 FLR OVERALL – PHASE 1 – POWER/SYSTEMS
REVISE LOCATION OF EV CONDUIT SLEEVE.

ADD EV CONDUIT SLEEVES.
REVISE LOCATION OF PANEL L-P4.
REMOVE ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-P4-1'

EP1004-A-1 P4 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
REVISE LOCATION OF EV CONDUIT SLEEVE.
ADD EV CONDUIT SLEEVES.
REVISE LOCATION OF PANEL L-P4.
REMOVE ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-P4-1'

EP1005-1 P5 FLR OVERALL – PHASE 1 – POWER/SYSTEMS
REVISE LOCATION OF EV CONDUIT SLEEVE.
ADD EV CONDUIT SLEEVES.
REVISE LOCATION OF PANEL L-P5.
REMOVE ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-P5-1'

EP1005-A-1 P5 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
REVISE LOCATION OF EV CONDUIT SLEEVE.
ADD EV CONDUIT SLEEVES.
REVISE LOCATION OF PANEL L-P5.
REMOVE ELECTRIC VEHICAL CHARGER CONNECTION 'EVC-P5-1'

EP1006-1 P6 FLR OVERALL – PHASE 1 – POWER/SYSTEMS
REVISE LOCATION OF EV CONDUIT SLEEVE.
ADD EV CONDUIT SLEEVES.
REMOVE EV CONDUIT SLEEVE.

EP1006-A-1 P6 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
REVISE LOCATION OF EV CONDUIT SLEEVE.
ADD EV CONDUIT SLEEVES.
REMOVE EV CONDUIT SLEEVE.

E8001-1 SCHEDULES - CONNECTIONS
REVISE ELECTRICAL CONNECTION SCHEDULE TO INCLUDE EV CONNECTIONS REMOVED/ADDED.

E8004-1 SCHEDULES - PANELS
REVISE PANEL SCHEDULE FOR PANEL 'L-1B'

E8005-1 SCHEDULES - PANELS
PANEL SCHEDULES FOR PANELS 'L-P2', 'L-P4', AND 'L-P5'

PLUMBING Sheets (P)

P1000-B-1-PLUMBING LOWER LEVEL – ZONE B – PHASE 1 - PLUMBING
REVISE INVERT OF STORM LATEAL LOCATED NORTH OF COLUMN LINE 'K', AS SHOWN.

P1001-A-1-PLUMBING 1ST FLR – ZONE A – PHASE 1 - PLUMBING
REVISE FLOOR DRAIN TYPE IN TRASH ROOM, AS SHOWN.
REVISE FLOOR DRAIN TYPE IN RAMP DOWN TO RESIDENT PARKING 140, AS SHOWN.

P1001-B-1-PLUMBING 1ST FLR – ZONE B – PHASE 1 - PLUMBING
REVISE 3" SANITARY DROP LOCATION TO AVOID DUCT WORK IN PARKING RAMP ENTRANCE.
REVISE 2" NON-POTABLE COLD LINE ROUTING TO AVOID DUCT WORK IN PARKING RAMP ENTRANCE.

PARKING Sheets (PG)

PG1000-1 LOWER LEVEL STRIPING PLAN
REVISE STRIPING IN SOUTHWEST CORNER
REVISE STRIPING AT SOUTHERN PORTION OF GRID 5 AND EAST PORTION OF GRID G

END OF CONSTRUCTION BULLETIN

Construction Bulletin P1_CB10



STATE STREET CAMPUS GARAGE MADISON, WI 20448

OWNER:	CITY OF MADISON
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	10/11/2024

Please submit an itemized proposal for changes in the CONTRACT SUM and/or the CONTRACT TIME for proposed modifications to the Contract Documents described herein. This proposal must itemize all associated direct (hard) costs, indirect (soft) costs, and consequential costs.

Proceeding with the Work in accordance with these instructions prior to the acceptance by the ARCHITECT and the OWNER of the itemized proposal for changes indicates that the CONTRACTOR acknowledges that there will be no change in the CONTRACT SUM and/or the CONTRACT TIME. The CONSTRUCTION BULLETIN is an administrative form and not intended to modify the contract for construction.

This is not a CHANGE ORDER or a DIRECTION TO PROCEED with the work described in the proposed modifications.

I. PROJECT MANUAL

SPECIFICATIONS

SECTION 087100 - DOOR HARDWARE

II. CONSTRUCTION DOCUMENTS

GENERAL Sheets (G)

G4001 CODE CALCS

REVISE STALL TYPES TO MATCH PARKING SERIES SHEETS

STRUCTURAL Sheets (S)

S1000-B-1 FOUNDATION PLAN – ZONE B – PHASE 1

REVISE FOUNDATION WALL DETAIL

S1001-1 1ST FLR FRAMING PLAN – OVERALL – PHASE 1

DELETE CORBEL DETAIL

ADD "SIM" NOTE TO FOUNDATION WALL DETAIL

S1001-B-1 1ST FLR FRAMING PLAN – ZONE B – PHASE 1

ADD KEYED NOTE "W" TO PLAN
ADD STRESSING POCKETS

S1002-1 P2 FLR FRAMING PLAN – OVERALL – PHASE 1
REVISE SLAB DIAGRAM DIMENSIONS
ADD DETAILS NEAR STAIR 3

S1003-1 P3 FLR FRAMING PLAN – OVERALL – PHASE 1
ADD BRICK LEDGE AT ELEVATOR 1

S1003-B-1 P3 FLR FRAMING PLAN – ZONE B – PHASE 1
ADD SLAB REINFORCEMENT GRID 6 RAMP OVERLAP

S1004-B-1 P4 FLR FRAMING PLAN – ZONE B – PHASE 1
ADD SLAB REINFORCEMENT GRID 6 RAMP OVERLAP

S1005-1 P5 FLR FRAMING PLAN – OVERALL – PHASE 1
ADD BRICK LEDGE AT ELEVATOR 1

S1005-B-1 P5 FLR FRAMING PLAN – ZONE B – PHASE 1
ADD SLAB REINFORCEMENT GRID 6 RAMP OVERLAP

S1006-A-1 P6 FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE BOTTOM REINFORCEMENT LOCATION

S1006-B-1 P6 FLR FRAMING PLAN – ZONE B – PHASE 1
ADD SLAB REINFORCEMENT GRID 6 RAMP OVERLAP

S1007-A-1 7TH FLR FRAMING PLAN – ZONE A – PHASE 1
REVISE SLAB OPENING AT ELEVATOR 2
ADD HOIST BEAM AT ELEVATOR 2
ADD SLAB DEPRESSIONS AT PATIO DOORS (MULTIPLE LOCATIONS)

S1007-B-1 7TH FLR FRAMING PLAN – ZONE B – PHASE 1
ADD SLAB DEPRESSIONS AT PATIO DOORS (MULTIPLE LOCATIONS)

S2000-1 CONCRETE COLUMN SCHEDULE – PHASE 1
ADD COLUMN TYPE TO SCHEDULE
REVISE COLUMN TYPE AT F/6

S3002-1 FOUNDATION WALL SECTIONS
ADD "SIM" NOTE TO DETAIL 9

S4010-1 CONCRETE BEAM SCHEDULE AND DETAILS
ADD CONSTRUCTION JOINT AND NOTE TO DETAIL 8

S4021-1 STEEL FRAMING DETAILS – PHASE 1
ADD DETAILS 15 & 16
REVISE BL-3 SIZE IN BRICK LEDGE SCHEDULE

S4030-1 MASONRY DETAILS
ADD DETAIL 9

ARCHITECTURAL Sheets (A)

A1000-1 LOWER LEVEL OVERALL - PHASE 1
DELETE SHAFT WALL IN 181A

A1000-B-1 LOWER LEVEL - ZONE B - PHASE 1
DELETE SHAFT WALL IN 181A

A1002-1 P2 FLR OVERALL - PHASE 1
DELETE WALL SURROUNDING SHAFT

A1002-A-1 P2 FLR - ZONE A - PHASE 1
DELETE DUPLICATE WALL IN 243
ADD VIF NOTE FOR SLEEVE LOCATION

A1002-B-1 P2 FLR - ZONE B - PHASE 1
DELETE WALL SURROUNDING SHAFT
REVISE WALL TAGE

A1003-1 P3 FLR OVERALL - PHASE 1
DELETE WALL SURROUNDING SHAFT

A1003-A-1 P3 FLR - ZONE A - PHASE 1
REVISE TOWNHOUSE WALL FOR MEP PENETRATIONS

A1003-B-1 P3 FLR - ZONE B - PHASE 1
REVISE TOWNHOUSE WALL FOR MEP PENETRATIONS
DELETE WALL SURROUNDING SHAFT

A1004-1 P4 FLR OVERALL - PHASE 1
DELETE WALL SURROUNDING SHAFT

A1004-A-1 P4 FLR - ZONE A - PHASE 1
REVISE TOWNHOUSE WALL FOR MEP PENETRATIONS

A1004-B-1 P4 FLR - ZONE B - PHASE 1
REVISE TOWNHOUSE WALL FOR MEP PENETRATIONS
DELETE WALL SURROUNDING SHAFT

A1005-1 P5 FLR OVERALL - PHASE 1
DELETE WALL SURROUNDING SHAFT

A1005-A-1 P5 FLR - ZONE A - PHASE 1
REVISE TOWNHOUSE WALL FOR MEP PENETRATIONS

A1005-B-1 P5 FLR - ZONE B - PHASE 1
REVISE TOWNHOUSE WALL FOR MEP PENETRATIONS
DELETE WALL SURROUNDING SHAFT

A1006-1 P6 FLR OVERALL - PHASE 1
DELETE WALL SURROUNDING SHAFT

A1006-A-1 P6 FLR - ZONE A - PHASE 1
REVISE TOWNHOUSE WALL FOR MEP PENETRATIONS

A1006-B-1 P6 FLR - ZONE B - PHASE 1

REVISE TOWNHOUSE WALL FOR MEP PENETRATIONS
DELETE WALL SURROUNDING SHAFT

A1017-A-1 7TH FLR SLAB EDGE PLAN - ZONE A - PHASE 1
ADD SLAB RECESSES

A1017-B-1 7TH FLR SLAB EDGE PLAN - ZONE B - PHASE 1
ADD SLAB RECESSES

A1101 - A-1 1ST FLR CEILING PLAN - ZONE A - PHASE 1
ADD LENGTH TO SOFFITS

A2005-1 EXTERIOR ELEVATIONS - PHASE 1
REVISE PUNCHED OPENING LOCATION

A2200-1 EXTERIOR FRAME TYES - PHASE 1
ADD BONE WHITE TO EXTERIOR FRAMES

A3203-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1
DELETE INSULATION FROM WALLS

A3204-1 STAIR & ELEVATOR PLANS & SECTIONS - PHASE 1
DELETE INSULATION FROM WALLS

A4001-1 ENLARGED FLOOR PLANS
REVISE LOCATION OF PARKING EQUIPMENT

A4002-1 ENLARGED FLOOR PLANS
DELETE SHAFT WALL IN 181A

A6000-1 DOOR AND FRAME SCHEDULE - PHASE 1
REVISE DOOR HARDWARE FOR PH1/PH2 COORDINATION

ELECTRICAL Sheets (E)

EP1000-1 LOWER LEVEL OVERALL– PHASE 1 – POWER/SYSTEMS
REMOVE CAMERA LOCATIONS PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA TYPES PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA MOUNTING HEIGHTS PER 07/25/24 FINAL CAMERA LOCATION MEETING.

EP1000-A-1 LOWER LEVEL – ZONE A – PHASE 1 - POWER/SYSTEMS
REMOVE CAMERA LOCATIONS PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA TYPES PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA MOUNTING HEIGHTS PER 07/25/24 FINAL CAMERA LOCATION MEETING.

EP1000-B-1 LOWER LEVEL – ZONE B – PHASE 1 - POWER/SYSTEMS
REMOVE CAMERA LOCATIONS PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA TYPES PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA MOUNTING HEIGHTS PER 07/25/24 FINAL CAMERA LOCATION MEETING.

EP1001-1 1ST FLOOR OVERALL– PHASE 1 – POWER/SYSTEMS
REMOVE CAMERA LOCATIONS PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA TYPES PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA MOUNTING HEIGHTS PER 07/25/24 FINAL CAMERA LOCATION MEETING.

EP1005-1 P5 FLOOR OVERALL– PHASE 1 – POWER/SYSTEMS
REMOVE CAMERA LOCATIONS PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA TYPES PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA MOUNTING HEIGHTS PER 07/25/24 FINAL CAMERA LOCATION MEETING.

EP1005-A-1 P5 FLOOR – ZONE A – PHASE 1 - POWER/SYSTEMS
REMOVE CAMERA LOCATIONS PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA TYPES PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA MOUNTING HEIGHTS PER 07/25/24 FINAL CAMERA LOCATION MEETING.

EP1005-B-1 P5 FLOOR – ZONE B – PHASE 1 - POWER/SYSTEMS
REMOVE CAMERA LOCATIONS PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA TYPES PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA MOUNTING HEIGHTS PER 07/25/24 FINAL CAMERA LOCATION MEETING.

EP1006-1 P6 FLOOR OVERALL– PHASE 1 – POWER/SYSTEMS
REMOVE CAMERA LOCATIONS PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA TYPES PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA MOUNTING HEIGHTS PER 07/25/24 FINAL CAMERA LOCATION MEETING.

EP1006-A-1 P6 FLOOR – ZONE A – PHASE 1 - POWER/SYSTEMS
REMOVE CAMERA LOCATIONS PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA TYPES PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA MOUNTING HEIGHTS PER 07/25/24 FINAL CAMERA LOCATION MEETING.

EP1006-B-1 P6 FLOOR – ZONE B – PHASE 1 - POWER/SYSTEMS
REMOVE CAMERA LOCATIONS PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA TYPES PER 07/25/24 FINAL CAMERA LOCATION MEETING.
REVISE CAMERA MOUNTING HEIGHTS PER 07/25/24 FINAL CAMERA LOCATION MEETING.

PLUMBING Sheets (P)

P0000-1 SYMBOLS, ABBREV. & SCHEDULES – PLUMBING
DELETE WALL DRAIN (WD-1) FROM PLUMBING DRAIN AND CLEANOUT SCHEDULE.

P1006-1-1-PLUMBING P6 FLR – ZONE A – PHASE 1 - PLUMBING
DELETE COFFER DRAIN (4"WD-1), AS SHOWN.
DELETE KEYED NOTE P23.

P4001-1 - WASTE AND VENT ISOMETRICS - PLUMBING
REVISE ISOMETRIC TO MATCH FLOOR PLANS, AS SHOWN.
DELETE KEYED NOTE P23.

P9001-1 - DETAILS – PLUMBING
DELETE POOL COFFER DRAIN DETAIL 14/P9001-1.

END OF CONSTRUCTION BULLETIN

Construction Bulletin P1_CB11



STATE STREET CAMPUS GARAGE MADISON, WI 20448

OWNER:	CITY OF MADISON
From ARCHITECT:	EPPSTEIN UHEN ARCHITECTS, INC
To CONTRACTOR	STEVEN'S CONSTRUCTION
DATE OF ISSUANCE:	11/15/2024

Please submit an itemized proposal for changes in the CONTRACT SUM and/or the CONTRACT TIME for proposed modifications to the Contract Documents described herein. This proposal must itemize all associated direct (hard) costs, indirect (soft) costs, and consequential costs.

Proceeding with the Work in accordance with these instructions prior to the acceptance by the ARCHITECT and the OWNER of the itemized proposal for changes indicates that the CONTRACTOR acknowledges that there will be no change in the CONTRACT SUM and/or the CONTRACT TIME. The CONSTRUCTION BULLETIN is an administrative form and not intended to modify the contract for construction.

This is not a CHANGE ORDER or a DIRECTION TO PROCEED with the work described in the proposed modifications.

I. PROJECT MANUAL

SPECIFICATIONS

SECTION 00 01 10-RIB-Table of Contents

SECTION 07 81 23-RIB-Intumescent Fire Protection

II. CONSTRUCTION DOCUMENTS

GENERAL Sheets (G)

G1000 LOWER LEVEL FLR LIFE SAFETY PLAN

ADD FIRE RATINGS TO NEW COLUMNS IN LL

STRUCTURAL Sheets (S)

S1000-A-1 FOUNDATION PLAN – ZONE A – PHASE 1

ADD PIERS AND HSS COLUMNS

ADD PIER AND COLUMN DETAILS AND CORRESPONDING KEYED NOTES “12” AND “13”

REVISE T/WALL ELEVATION

ADD KEYED NOTE “14”

S1001-A-1 1ST FLR FRAMING PLAN – ZONE A – PHASE 1

ADD BEAMS AND CORRESPONDING KEYED NOTE “X”

S1003-1 P3 FLR FRAMING PLAN – OVERALL – PHASE 1

ADD ELEVATIONS

S1005-B-1 P5 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE OPENING EXTENT AT STAIR 5

S1006-B-1 P6 FLR FRAMING PLAN – ZONE B – PHASE 1
REVISE OPENING EXTENT AT STAIR 5

S1007-1 7TH FLR FRAMING PLAN – OVERALL – PHASE 1
ADD ELEVATIONS

S1007-A-1 7TH FLR FRAMING PLAN – ZONE A – PHASE 1
ADD CONSTRUCTION JOINT AND DIMENSIONS
ADD STIRRUPS AT STEP

S1007-B-1 7TH FLR FRAMING PLAN – ZONE B – PHASE 1
ADD CONSTRUCTION JOINT AND DIMENSIONS
ADD STIRRUPS AT STEP

S4020-1 STEEL FRAMING DETAILS – PHASE 1
ADD DETAILS 10-12

S4030-1 MASONRY DETAILS
ADD LINTEL TYPE AND DETAIL

S4031-1 MASONRY ELEVATIONS [ADD SHEET]
ADD ELEVATIONS

ARCHITECTURAL Sheets (A)

A1000-A-1 LOWER LEVEL - ZONE A - PHASE 1
REVISE LOCATION OF BIKE PARKING
ADD COLUMNS

A1000-B-1 LOWER LEVEL - ZONE B - PHASE 1
REVISE SIZE OF SHAFT SOUTH OF VAULT
REVISE PARKING LAYOUT

A3002-1 BUILDING SECTIONS - PHASE 1
ADD WALL TAG

A4001-1 ENLARGED FLOOR PLANS
ADD DUCT PENETRATION DETAIL

A5101-1 EXTERIOR DETAILS - PHASE 1
DELETE REDUNDANT FLASHING

A5102-1 EXTERIOR DETAILS - PHASE 1
DELETE REDUNDANT FLASHING

A5103-1 EXTERIOR DETAILS - PHASE 1
DELETE REDUNDANT FLASHING
REVISE DETAIL A6, SIDEWALK ELEVATION AND BASE DETAILS

PARKING Sheets (PG)

MECHANICAL Sheets (M)

M1001-1 1ST FLR OVERALL – PHASE 1 – HVAC
REVISE OUTSIDE AIR DUCT ROUTING TO CD-2.
REVISE CD-2 LOCATION AND THROW.

M1001-B-1 1ST FLR – ZONE B – PHASE 1 – HVAC
REVISE OUTSIDE AIR DUCT ROUTING TO CD-2.
REVISE CD-2 LOCATION AND THROW.
ADD KEYED NOTE M8.

M1002-1 P2 FLR OVERALL – PHASE 1 – HVAC
REVISE OUTSIDE AIR DUCT ROUTING TO CD-2.

M1002-B-1 P2 FLR – ZONE B – PHASE 1 – HVAC
REVISE OUTSIDE AIR DUCT ROUTING TO CD-2.

M8001-1 SCHEDULES – HVAC
REVISE AIR DEVICE SCHEDULE TO INCLUDE CHANGES TO CD-2 AND REMARKS.

ELECTRICAL Sheets (E)

EL1000-1 LOWER LEVEL OVERALL– PHASE 1 - LIGHTING
ADD (1) TYPE A-E FIXTURE TO ELEC VAULT 006.

EL1000-B-1 LOWER LEVEL – ZONE B – PHASE 1 - LIGHTING
ADD (1) TYPE A-E FIXTURE TO ELEC VAULT 006.

EP1001-1 1ST FLR OVERALL – PHASE 1 – POWER/SYSTEMS
REVISE POWER/SYSTEMS LAYOUT FOR FABRICATED TICKET BOOTH AND PARKING ENTRY/EXIT EQUIPMENT.

EP1001-B-1 1ST FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
REVISE POWER/SYSTEMS LAYOUT FOR FABRICATED TICKET BOOTH AND PARKING ENTRY/EXIT EQUIPMENT.

EP1006-1 P6 FLR OVERALL – PHASE 1 – POWER/SYSTEMS
REVISE CAMERA LOCATIONS ON WEST END OF P6.

EP1006-A-1 P6 FLR – ZONE A – PHASE 1 – POWER/SYSTEMS
REVISE CAMERA LOCATIONS ON WEST END OF P6.

EP1006-B-1 P6 FLR – ZONE B – PHASE 1 – POWER/SYSTEMS
REVISE CAMERA LOCATIONS ON WEST END OF P6.

E6000-1 ONE-LINE DIAGRAM – ELECTRICAL
REVISE TICKET BOOTH LOAD CENTER 'L-TB' TO BE FED FROM STAND-BY PANEL 'OL-1A'.
REVISE FEEDER SCHEDULE.

E8001-1 SCHEDULES - CONNECTIONS
REVISE PANEL ORIGIN FOR PARKING ENTRY/EXIT EQUIPMENT.

E8003-1 SCHEDULES - PANELS
REVISE PANEL SCHEDULE FOR SWITCHBOARD 'DP-1A'

E8006-1 SCHEDULES - PANELS

PANEL SCHEDULES FOR PANEL 'OL-1A'

PLUMBING Sheets (P)

P1003-B-1 P3 FLR - ZONE B – PHASE 1 – PLUMBING
ADD 1 1/2" RELIEF VENT ON 3" SANITARY MAIN, AS SHOWN.

P1004-B-1 P4 FLR - ZONE B – PHASE 1 – PLUMBING
ADD 1 1/2" RELIEF VENT ON 3" SANITARY MAIN, AS SHOWN.

P4003-1 WASTE AND VENT ISOMETRICS – PLUMBING
REVISE ISOMETRIC TO MATCH FLOOR PLANS, AS SHOWN.

END OF CONSTRUCTION BULLETIN



STATE STREET CAMPUS GARAGE MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

CONTRACT #9361

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

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
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CONSTRUCTION DOCUMENTS

PHASE 1
VOLUME 1

10.02.2023

PROJECT NUMBER: 720448

A	air conditioning	C	clear	F	female	I	inside diameter	P	panel joint	T	time & materials
AC	Architect	CM	construction management	FI	fire	IND	industrial interior	PL	plywood laminate	TEMP	temperature
ADD	addition	CM	construction management	FA	fire alarm	INT	interior	PLYWD	plywood	TEMP	temperature
ADCT	additional ceiling tile	CMU	concrete masonry unit	FD	fire-damped blank	J	joint	PNL	panel	TEMP	temperature
ADG	addendum	CO	cleanout	FC	fire cabinet	JL	junior steel	PRFAB	prefabricated	TRF	transfer base
AFC	above finished ceiling	COC	concrete	FE	fire extinguisher	LS	light	PRFIN	prefinished	TRF	transfer base
AH	above finished ceiling	CORR	corrosion	FEC	fire extinguisher cabinet	L	laminate	PSQ	pounds per square inch	TOP	top of
AF	above finished floor	CS	casing	FHC	fire hose cabinet	LA	linear	PTN	partition	TOC	top of concrete
AFG	above finished grade	CSWK	casing work	FL	floor	LAV	linear foot	PT	point	TOP	top of post
AFS	above finished slab	CT	cast-in-place concrete	FLR	floor	LB	linear base	QTY	quantity	TP	top of slab
AL	alternate	CWB	cast-in-place concrete	FM	footing	FLR	floor	QTB	quantity base	TRNS	transmission
ALM	alternate	DO	double	FO	footing	MC	maximum	QTY	quantity	TRNS	transmission
ALT	alter	DP	drinking fountain	FP	fireproof	MECH	mechanical	QZ	quartz	TYPE	type
APPD	approved	DEM	demolition	FR	fireproof	MAX	maximum	R	resilient base	UN	unless noted otherwise
AP	approved	DR	drinking fountain	FRP	fireproof	MFR	mechanical	REF	reference	V	vertical
APC	approved	DR	drinking fountain	FRP	fireproof	MFR	mechanical	REF	reference	V	vertical
AS	above suspended ceiling	DIA	diameter	FRT	fireproof	MFR	mechanical	REF	reference	V	vertical
BB	baseboard	DIA	diameter	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BLSG	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BLT	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BLW	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BOT	bottom of	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BOS	bottom of	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BS	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BSG	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BLT	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BLW	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BOT	bottom of	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BOS	bottom of	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BS	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BSG	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BLT	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BLW	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BOT	bottom of	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BOS	bottom of	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BS	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BSG	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF	reference	V	vertical
BLT	baseboard	DIF	drinking fountain	FTG	footing	MISC	miscellaneous	REF </			

[illegible]

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ABBREVIATIONS

A AC AEC ACT	air conditioning Architect/Engineer acoustical	C CLR CMU CO CONC CORR CPT CSWK CT CW CDB	clear construction management concrete masonry unit cleanout color corridor capped casework ceramic tile cold water ceramic tile base	F F FA FAB FC FED FEC	female filter fire alarm fabric file cabinet floor drain fire extinguisher fire extinguisher cabinet fire hose cabinet fin floor factory mutual floor mat finished opening fire protection fireplace fireproof reinforced plastic fire retardant treated footing	I ID INSUL INT J JS L LAM LAV LF LL LJ LW LX LY LZ L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18 L19 L20 L21 L22 L23 L24 L25 L26 L27 L28 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L48 L49 L50 L51 L52 L53 L54 L55 L56 L57 L58 L59 L60 L61 L62 L63 L64 L65 L66 L67 L68 L69 L70 L71 L72 L73 L74 L75 L76 L77 L78 L79 L80 L81 L82 L83 L84 L85 L86 L87 L88 L89 L90 L91 L92 L93 L94 L95 L96 L97 L98 L99 L100 L101 L102 L103 L104 L105 L106 L107 L108 L109 L110 L111 L112 L113 L114 L115 L116 L117 L118 L119 L120 L121 L122 L123 L124 L125 L126 L127 L128 L129 L130 L131 L132 L133 L134 L135 L136 L137 L138 L139 L140 L141 L142 L143 L144 L145 L146 L147 L148 L149 L150 L151 L152 L153 L154 L155 L156 L157 L158 L159 L160 L161 L162 L163 L164 L165 L166 L167 L168 L169 L170 L171 L172 L173 L174 L175 L176 L177 L178 L179 L180 L181 L182 L183 L184 L185 L186 L187 L188 L189 L190 L191 L192 L193 L194 L195 L196 L197 L198 L199 L200 L201 L202 L203 L204 L205 L206 L207 L208 L209 L210 L211 L212 L213 L214 L215 L216 L217 L218 L219 L220 L221 L222 L223 L224 L225 L226 L227 L228 L229 L230 L231 L232 L233 L234 L235 L236 L237 L238 L239 L240 L241 L242 L243 L244 L245 L246 L247 L248 L249 L250 L251 L252 L253 L254 L255 L256 L257 L258 L259 L260 L261 L262 L263 L264 L265 L266 L267 L268 L269 L270 L271 L272 L273 L274 L275 L276 L277 L278 L279 L280 L281 L282 L283 L284 L285 L286 L287 L288 L289 L290 L291 L292 L293 L294 L295 L296 L297 L298 L299 L300 L301 L302 L303 L304 L305 L306 L307 L308 L309 L310 L311 L312 L313 L314 L315 L316 L317 L318 L319 L320 L321 L322 L323 L324 L325 L326 L327 L328 L329 L330 L331 L332 L333 L334 L335 L336 L337 L338 L339 L340 L341 L342 L343 L344 L345 L346 L347 L348 L349 L350 L351 L352 L353 L354 L355 L356 L357 L358 L359 L360 L361 L362 L363 L364 L365 L366 L367 L368 L369 L370 L371 L372 L373 L374 L375 L376 L377 L378 L379 L380 L381 L382 L383 L384 L385 L386 L387 L388 L389 L390 L391 L392 L393 L394 L395 L396 L397 L398 L399 L400 L401 L402 L403 L404 L405 L406 L407 L408 L409 L410 L411 L412 L413 L414 L415 L416 L417 L418 L419 L420 L421 L422 L423 L424 L425 L426 L427 L428 L429 L430 L431 L432 L433 L434 L435 L436 L437 L438 L439 L440 L441 L442 L443 L444 L445 L446 L447 L448 L449 L450 L451 L452 L453 L454 L455 L456 L457 L458 L459 L460 L461 L462 L463 L464 L465 L466 L467 L468 L469 L470 L471 L472 L473 L474 L475 L476 L477 L478 L479 L480 L481 L482 L483 L484 L485 L486 L487 L488 L489 L490 L491 L492 L493 L494 L495 L496 L497 L498 L499 L500 L501 L502 L503 L504 L505 L506 L507 L508 L509 L510 L511 L512 L513 L514 L515 L516 L517 L518 L519 L520 L521 L522 L523 L524 L525 L526 L527 L528 L529 L530 L531 L532 L533 L534 L535 L536 L537 L538 L539 L540 L541 L542 L543 L544 L545 L546 L547 L548 L549 L550 L551 L552 L553 L554 L555 L556 L557 L558 L559 L560 L561 L562 L563 L564 L565 L566 L567 L568 L569 L570 L571 L572 L573 L574 L575 L576 L577 L578 L579 L580 L581 L582 L583 L584 L585 L586 L587 L588 L589 L590 L591 L592 L593 L594 L595 L596 L597 L598 L599 L600 L601 L602 L603 L604 L605 L606 L607 L608 L609 L610 L611 L612 L613 L614 L615 L616 L617 L618 L619 L620 L621 L622 L623 L624 L625 L626 L627 L628 L629 L630 L631 L632 L633 L634 L635 L636 L637 L638 L639 L640 L641 L642 L643 L644 L645 L646 L647 L648 L649 L650 L651 L652 L653 L654 L655 L656 L657 L658 L659 L660 L661 L662 L663 L664 L665 L666 L667 L668 L669 L670 L671 L672 L673 L674 L675 L676 L677 L678 L679 L680 L681 L682 L683 L684 L685 L686 L687 L688 L689 L690 L691 L692 L693 L694 L695 L696 L697 L698 L699 L700 L701 L702 L703 L704 L705 L706 L707 L708 L709 L710 L711 L712 L713 L714 L715 L716 L717 L718 L719 L720 L721 L722 L723 L724 L725 L726 L727 L728 L729 L730 L731 L732 L733 L734 L735 L736 L737 L738 L739 L740 L741 L742 L743 L744 L745 L746 L747 L748 L749 L750 L751 L752 L753 L754 L755 L756 L757 L758 L759 L760 L761 L762 L763 L764 L765 L766 L767 L768 L769 L770 L771 L772 L773 L774 L775 L776 L777 L778 L779 L780 L781 L782 L783 L784 L785 L786 L787 L788 L789 L790 L791 L792 L793 L794 L795 L796 L797 L798 L799 L800 L801 L802 L803 L804 L805 L806 L807 L808 L809 L810 L811 L812 L813 L814 L815 L816 L817 L818 L819 L820 L821 L822 L823 L824 L825 L826 L827 L828 L829 L830 L831 L832 L833 L834 L835 L836 L837 L838 L839 L840 L841 L842 L843 L844 L845 L846 L847 L848 L849 L850 L851 L852 L853 L854 L855 L856 L857 L858 L859 L860 L861 L862 L863 L864 L865 L866 L867 L868 L869 L870 L871 L872 L873 L874 L875 L876 L877 L878 L879 L880 L881 L882 L883 L884 L885 L886 L887 L888 L889 L890 L891 L892 L893 L894 L895 L896 L897 L898 L899 L900 L901 L902 L903 L904 L905 L906 L907 L908 L909 L910 L911 L912 L913 L914 L915 L916 L917 L918 L919 L920 L921 L922 L923 L924 L925 L926 L927 L928 L929 L930 L931 L932 L933 L934 L935 L936 L937 L938 L939 L940 L941 L942 L943 L944 L945 L946 L947 L948 L949 L950 L951 L952 L953 L954 L955 L956 L957 L958 L959 L960 L961 L962 L963 L964 L965 L966 L967 L968 L969 L970 L971 L972 L973 L974 L975 L976 L977 L978 L979 L980 L981 L982 L983 L984 L985 L986 L987 L988 L989 L990 L991 L992 L993 L994 L995 L996 L997 L998 L999 L1000 L1001 L1002 L1003 L1004 L1005 L1006 L1007 L1008 L1009 L1010 L1011 L1012 L1013 L1014 L1015 L1016 L1017 L1018 L1019 L1020 L1021 L1022 L1023 L1024 L1025 L1026 L1027 L1028 L1029 L1030 L1031 L1032 L1033 L1034 L1035 L1036 L1037 L1038 L1039 L1040 L1041 L1042 L1043 L1044 L1045 L1046 L1047 L1048 L1049 L1050 L1051 L1052 L1053 L1054 L1055 L1056 L1057 L1058 L1059 L1060 L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1070 L1071 L1072 L1073 L1074 L1075 L1076 L1077 L1078 L1079 L1080 L1081 L1082 L1083 L1084 L1085 L1086 L1087 L1088 L1089 L1090 L1091 L1092 L1093 L1094 L1095 L1096 L1097 L1098 L1099 L1100 L1101 L1102 L1103 L1104 L1105 L1106 L1107 L1108 L1109 L1110 L1111 L1112 L1113 L1114 L1115 L1116 L1117 L1118 L1119 L1120 L1121 L1122 L1123 L1124 L1125 L1126 L1127 L1128 L1129 L1130 L1131 L1132 L1133 L1134 L1135 L1136 L1137 L1138 L1139 L1140 L1141 L1142 L1143 L1144 L1145 L1146 L1147 L1148 L1149 L1150 L1151 L1152 L1153 L1154 L1155 L1156 L1157 L1158 L1159 L1160 L1161 L1162 L1163 L1164 L1165 L1166 L1167 L1168 L1169 L1170 L1171 L1172 L1173 L1174 L1175 L1176 L1177 L1178 L1179 L1180 L1181 L1182 L1183 L1184 L1185 L1186 L1187 L1188 L1189 L1190 L1191 L1192 L1193 L1194 L1195 L1196 L1197 L1198 L1199 L1200 L1201 L1202 L1203 L1204 L1205 L1206 L1207 L1208 L1209 L1210 L1211 L1212 L1213 L1214 L1215 L1216 L1217 L1218 L1219 L1220 L1221 L1222 L1223 L1224 L1225 L1226 L1227 L1228 L1229 L1230 L1231 L1232 L1233 L1234 L1235 L1236 L1237 L1238 L1239 L1240 L1241 L1242 L1243 L1244 L1245 L1246 L1247 L1248 L1249 L1250 L1251 L1252 L1253 L1254 L1255 L1256 L1257 L1258 L1259 L1260 L1261 L1262 L1263 L1264 L1265 L1266 L1267 L1268 L1269 L1270 L1271 L1272 L1273 L1274 L1275 L1276 L1277 L1278 L1279 L1280 L1281 L1282 L1283 L1284 L1285 L1286 L1287 L1288 L1289 L1290 L1291 L1292 L1293 L1294 L1295 L1296 L1297 L1298 L1299 L1300 L1301 L1302 L1303 L1304 L1305 L1306 L1307 L1308 L1309 L1310 L1311 L1312 L1313 L1314 L1315 L1316 L1317 L1318 L1319 L1320 L1321 L1322 L1323 L1324 L1325 L1326 L1327 L1328 L1329 L1330 L1331 L1332 L1333 L1334 L1335 L1336 L1337 L1338 L1339 L1340 L1341 L1342 L1343 L1344 L1345 L1346 L1347 L1348 L1349 L1350 L1351 L1352 L1353 L1354 L1355 L1356 L1357 L1358 L1359 L1360 L1361 L1362 L1363 L1364 L1365 L1366 L1367 L1368 L1369 L1370 L1371 L1372 L1373 L1374 L1375 L1376 L1377 L1378 L1379 L1380 L1381 L1382 L1383 L1384 L1385 L1386 L1387 L1388 L1389 L1390 L1391 L1392 L1393 L1394 L1395 L1396 L1397 L1398 L1399 L1400 L1401 L1402 L1403 L1404 L1405 L1406 L1407 L1408 L1409 L1410 L1411 L1412 L1413 L1414 L1415 L1416 L1417 L1418 L1419 L1420 L1421 L1422 L1423 L1424 L1425 L1426 L1427 L1428 L1429 L1430 L1431 L1432 L1433 L1434 L1435 L1436 L1437 L1438 L1439 L1440 L1441 L1442 L1443 L1444 L1445 L1446 L1447 L1448 L1449 L1450 L1451 L1452 L1453 L1454 L1455 L1456 L1457 L1458 L1459 L1460 L1461 L1462 L1463 L1464 L1465 L1466 L1467 L1468 L1469 L1470 L1471 L1472 L1473 L1474 L1475 L1476 L1477 L1478 L1479 L1480 L1481 L1482 L1483 L1484 L1485 L1486 L1487 L1488 L1489 L1490 L1491 L1492 L1493 L1494 L1495 L1496 L1497 L1498 L1499 L1500 L1501 L1502 L1503 L1504 L1505 L1506 L1507 L1508 L1509 L1510 L1511 L1512 L1513 L1514 L1515 L1516 L1517 L1518 L1519 L1520 L1521 L1522 L1523 L1524 L1525 L1526 L1527 L1528 L1529 L1530 L1531 L1532 L1533 L1534 L1535 L1536 L1537 L1538 L1539 L1540 L1541 L1542 L1543 L1544 L1545 L1546 L1547 L1548 L1549 L1550 L1551 L1552 L1553 L1554 L1555 L1556 L1557 L1558 L1559 L1560 L1561 L1562 L1563 L1564 L1565 L1566 L1567 L1568 L1569 L1570 L1571 L1572 L1573 L1574 L1575 L1576 L1577 L1578 L1579 L1580 L1581 L1582 L1583 L1584 L1585 L1586 L1587 L1588 L1589 L1590 L1591 L1592 L1593 L1594 L1595 L1596 L1597 L1598 L1599 L1600 L1601 L1602 L1603 L1604 L1605 L1606 L1607 L1608 L1609 L1610 L1611 L1612 L1613 L1614 L1615 L1616 L1617 L1618 L1619 L1620 L1621 L1622 L1623 L1624 L1625 L1626 L1627 L1628 L1629 L1630 L1631 L1632 L1633 L1634 L1635 L1636 L1637 L1638 L1639 L1640 L1641 L1642 L1643 L1644 L1645 L1646 L1647 L1648 L1649 L1650 L1651 L1652 L1653 L1654 L1655 L1656 L1657 L1658 L1659 L1660 L1661 L1662 L1663 L1664 L1665 L1666 L1667 L1668 L1669 L1670 L1671 L1672 L1673 L1674 L1675 L1676 L1677 L1678 L1679 L1680 L1681 L1682 L1683 L1684 L1685 L1686 L1687 L1688 L1689 L1690 L1691 L1692 L1693 L1694 L1695 L1696 L1697 L1698 L1699 L1700 L1701 L1702 L1703 L1704 L1705 L1706 L1707 L1708 L1709 L1710 L1711 L1712 L1713 L1714 L1715 L1716 L1717 L1718 L1719 L1720 L1721 L1722 L1723 L1724 L1725 L1726 L1727 L1728 L1729 L1730 L1731 L1732 L1733 L1734 L1735 L1736 L1737 L1738 L1739 L1740 L1741 L1742 L1743 L1744 L1745 L1746 L1747 L1748 L1749 L1750 L1751 L1752 L1753 L1754 L1755 L1756 L1757 L1758 L1759 L1760 L1761 L1762 L1763 L1764 L1765 L1766 L1767 L1768 L1769 L1770 L1771 L1772 L1773 L1774 L1775 L1776 L1777 L1778 L1779 L1780 L1781 L1782 L1783 L1784 L1785 L1786 L1787 L1788 L1789 L1790 L1791 L1792 L1793 L1794 L1795 L1796 L1797 L1798 L1799 L1800 L1801 L1802 L1803 L1804 L1805 L1806 L1807 L1808 L1809 L1810 L1811 L1812 L1813 L1814 L1815 L1816 L1817 L1818 L1819 L1820 L1821 L1822 L1823 L1824 L1825 L1826 L1827 L1828 L1829 L1830 L1831 L1832 L1833 L1834 L1835 L1836 L1837 L1838 L1839 L1840 L1841 L1842 L1843 L1844 L1845 L1846 L1847 L1848 L1849 L1850 L1851 L1852 L1853 L1854 L1855 L1856 L1857 L1858 L1859 L1860 L1861 L1862 L1863 L1864 L1865 L1866 L1867 L1868 L1869 L1870 L1871 L1872 L1873 L1
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1

2

3

4

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6

7

KEYNOTES PER SHEET

1293-02 2'-0"x6'-0" BIKE STALLS WITH GROUND MOUNTED CORRAL STYLE BIKE RACK. SEE DRAWINGS FOR QUANTITY OF BIKE STALLS PER CORRAL

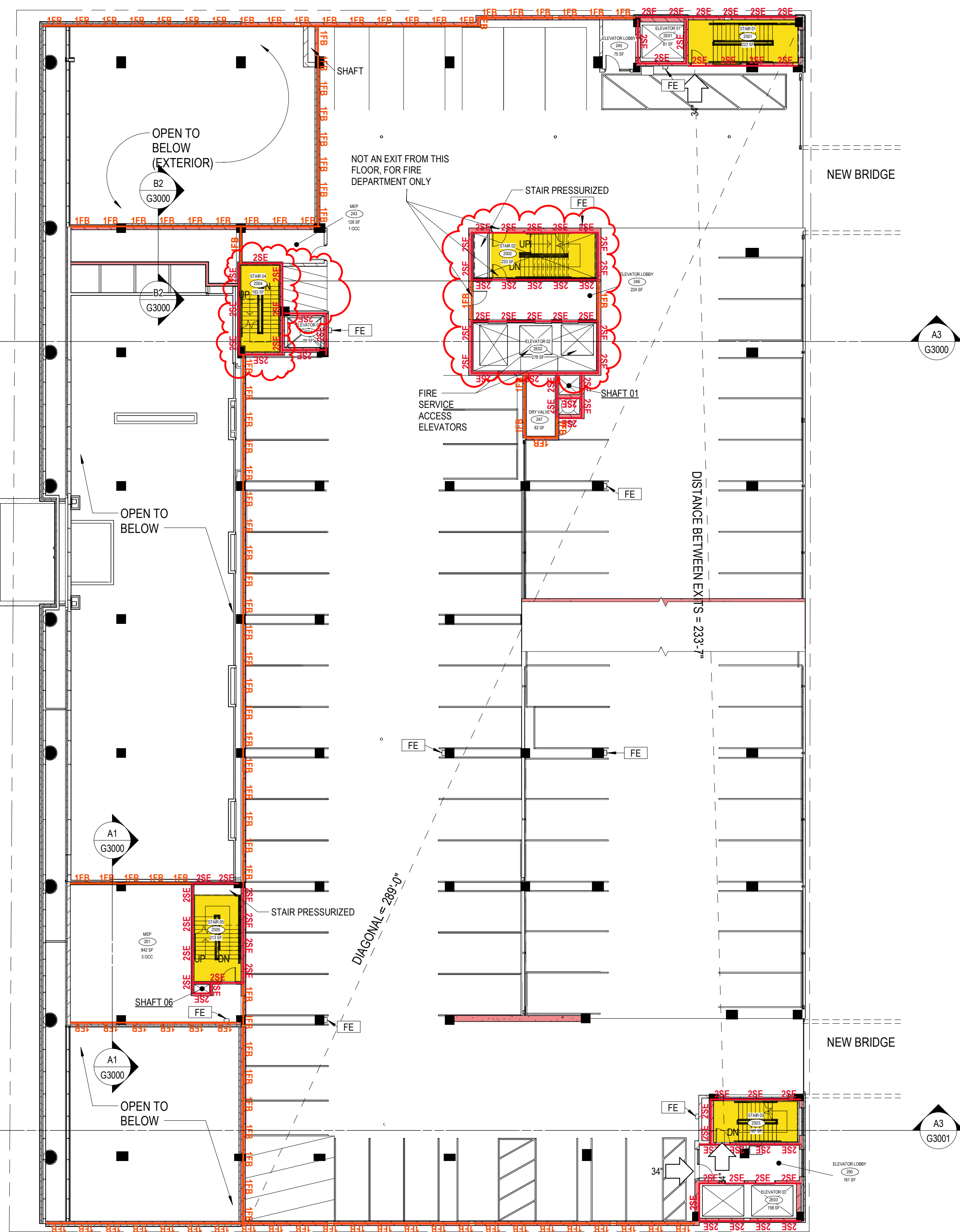
FIRE RESISTIVE LEGEND

FIRE WALLS		4 HOUR FIRE WALL	4 HOUR FIRE WALL
4FW 4FW 4FW 4FW 4FW 4FW		3 HOUR FIRE WALL	3 HOUR FIRE WALL
3FW 3FW 3FW 3FW 3FW 3FW		2 HOUR FIRE WALL	2 HOUR FIRE WALL
2FW 2FW 2FW 2FW 2FW 2FW			
FIRE BARRIERS		4 HOUR FIRE BARRIER	4 HOUR FIRE BARRIER
4FB 4FB 4FB 4FB 4FB 4FB		3 HOUR FIRE BARRIER	3 HOUR FIRE BARRIER
3FB 3FB 3FB 3FB 3FB 3FB		2 HOUR FIRE BARRIER	2 HOUR FIRE BARRIER
2FB 2FB 2FB 2FB 2FB 2FB		1 HOUR FIRE BARRIER	1 HOUR FIRE BARRIER
1FB 1FB 1FB 1FB 1FB 1FB			
SHAFT ENCLOSURES		2 HOUR SHAFT ENCLOSURE	2 HOUR SHAFT ENCLOSURE
2SE 2SE 2SE 2SE 2SE 2SE		1 HOUR SHAFT ENCLOSURE	1 HOUR SHAFT ENCLOSURE
1SE 1SE 1SE 1SE 1SE 1SE			
SMOKE BARRIERS		4 HOUR SMOKE BARRIER	4 HOUR SMOKE BARRIER
4SB 4SB 4SB 4SB 4SB 4SB		3 HOUR SMOKE BARRIER	3 HOUR SMOKE BARRIER
3SB 3SB 3SB 3SB 3SB 3SB		2 HOUR SMOKE BARRIER	2 HOUR SMOKE BARRIER
2SB 2SB 2SB 2SB 2SB 2SB		1 HOUR SMOKE BARRIER	1 HOUR SMOKE BARRIER
1SB 1SB 1SB 1SB 1SB 1SB			
FIRE PARTITIONS		1 HOUR FIRE PARTITION	1 HOUR FIRE PARTITION
1FP 1FP 1FP 1FP 1FP 1FP		0.5 HOUR FIRE PARTITION	0.5 HOUR FIRE PARTITION
0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP		0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)	0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)
0.5 0.5 0.5 0.5 0.5 0.5			
SMOKE TIGHT PARTITIONS		SMOKE TIGHT PARTITION	SMOKE TIGHT PARTITION
X X X X X X X X		SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)	SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)
XC XC XC XC XC XC XC		SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)	SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)
XP XP XP XP XP XP XP		SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)	SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)
XI XI XI XI XI XI XI			
BEARING WALLS		2 HOUR BEARING WALL	2 HOUR BEARING WALL
2BW 2BW 2BW 2BW 2BW 2BW		1 HOUR BEARING WALL	1 HOUR BEARING WALL
1BW 1BW 1BW 1BW 1BW 1BW			

MEANS OF EGRESS

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

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



PROJECT INFORMATION

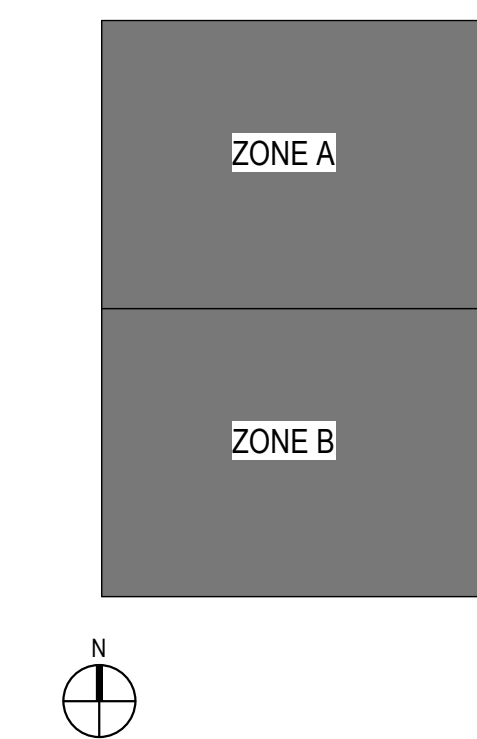
STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

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
02-15-2024	PH1_C802

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 3FW 3FW 3FW 3FW 3FW 3FW 2FW 2FW 2FW 2FW 2FW 2FW FIRE BARRIERS 4FB 4FB 4FB 4FB 4FB 4FB 3FB 3FB 3FB 3FB 3FB 3FB 2FB 2FB 2FB 2FB 2FB 2FB 1FB 1FB 1FB 1FB 1FB 1FB SHAFT ENCLOSURES 2SE 2SE 2SE 2SE 2SE 2SE 1SE 1SE 1SE 1SE 1SE 1SE SMOKE BARRIERS 4SB 4SB 4SB 4SB 4SB 4SB 3SB 3SB 3SB 3SB 3SB 3SB 2SB 2SB 2SB 2SB 2SB 2SB 1SB 1SB 1SB 1SB 1SB 1SB	4 HOUR FIRE WALL 3 HOUR FIRE WALL 2 HOUR FIRE WALL 4 HOUR FIRE BARRIER 3 HOUR FIRE BARRIER 2 HOUR FIRE BARRIER 1 HOUR FIRE BARRIER 2 HOUR SHAFT ENCLOSURE 1 HOUR SHAFT ENCLOSURE 4 HOUR SMOKE BARRIER 3 HOUR SMOKE BARRIER 2 HOUR SMOKE BARRIER 1 HOUR SMOKE BARRIER
FIRE PARTITIONS 1FP 1FP 1FP 1FP 1FP 1FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5 0.5 0.5 0.5 0.5 0.5 SMOKE TIGHT PARTITIONS X X X X X X X X XC XC XC XC XC XC XC XC XP XP XP XP XP XP XP XP XI XI XI XI XI XI XI XI BEARING WALLS 2BW 2BW 2BW 2BW 2BW 2BW 1BW 1BW 1BW 1BW 1BW 1BW	1 HOUR FIRE PARTITION 0.5 HOUR FIRE PARTITION 0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY) SMOKE TIGHT PARTITION SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING) SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING) SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES) 2 HOUR BEARING WALL 1 HOUR BEARING WALL

MEANS OF EGRESS

FROM ROOM OR LEVEL X = CLEAR WIDTH OF OPENING IN INCHES EXIT DISCHARGE X = CLEAR WIDTH OF OPENING IN INCHES NUMBER REQUIRED HORIZONTAL 1-WAY HORIZONTAL 2-WAY	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
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PROJECT INFORMATION

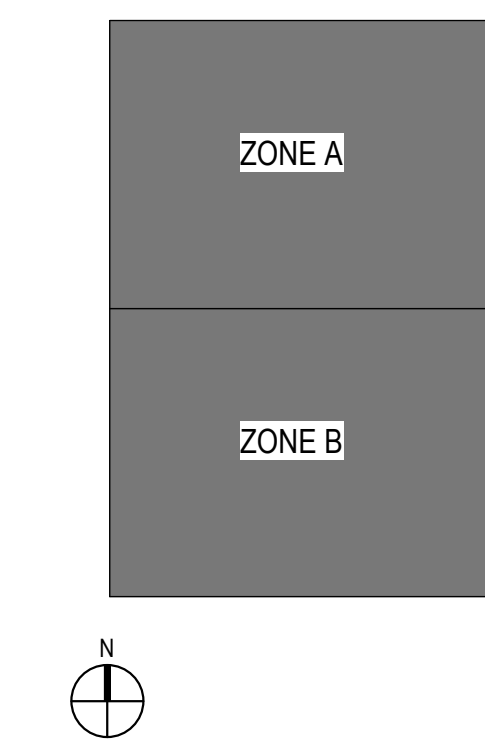
STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

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
11-02-2023	P1_AD02
02-15-2024	PH1_C802

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER MO
PROJECT NUMBER 720448

P3 & P4 FLR LIFE
SAFETY PLAN

G1002

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

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

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

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

[illegible]

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



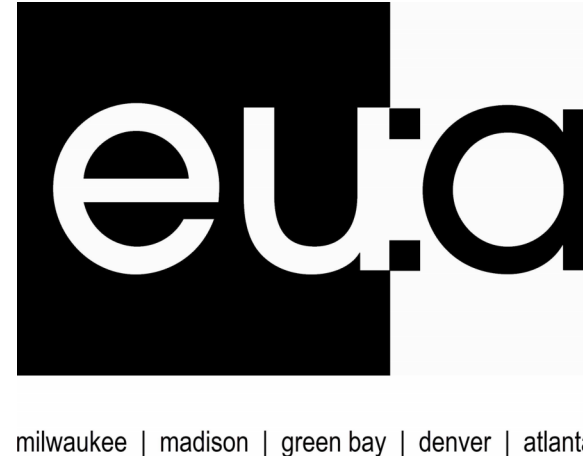
KEYNOTES PER SHEET	
1044-02	SEMI-RECESSED FIRE EXTINGUISHER CABINET
B3010-02A	VEGETATED GREEN ROOF TRAY, INSULATION, HOT-APPLIED RUBBERIZED ASPHALT WATERPROOFING OVER POST-TENSIONED CONCRETE SLAB - SEE BUILDING ASSEMBLIES SHEET

FIRE RESISTIVE LEGEND

FIRE WALLS	
4FW 4FW 4FW 4FW 4FW 4FW	4 HOUR FIRE WALL
3FW 3FW 3FW 3FW 3FW 3FW	3 HOUR FIRE WALL
2FW 2FW 2FW 2FW 2FW 2FW	2 HOUR FIRE WALL
FIRE BARRIERS	
4FB 4FB 4FB 4FB 4FB 4FB	4 HOUR FIRE BARRIER
3FB 3FB 3FB 3FB 3FB 3FB	3 HOUR FIRE BARRIER
2FB 2FB 2FB 2FB 2FB 2FB	2 HOUR FIRE BARRIER
1FB 1FB 1FB 1FB 1FB 1FB	1 HOUR FIRE BARRIER
SHAFT ENCLOSURES	
2SE 2SE 2SE 2SE 2SE 2SE	2 HOUR SHAFT ENCLOSURE
1SE 1SE 1SE 1SE 1SE 1SE	1 HOUR SHAFT ENCLOSURE
SMOKE BARRIERS	
4SB 4SB 4SB 4SB 4SB 4SB	4 HOUR SMOKE BARRIER
3SB 3SB 3SB 3SB 3SB 3SB	3 HOUR SMOKE BARRIER
2SB 2SB 2SB 2SB 2SB 2SB	2 HOUR SMOKE BARRIER
1SB 1SB 1SB 1SB 1SB 1SB	1 HOUR SMOKE BARRIER
FIRE PARTITIONS	
1FP 1FP 1FP 1FP 1FP 1FP	1 HOUR FIRE PARTITION
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 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	SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)
XP XP XP XP XP XP XP	SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)
XI XI XI XI XI XI XI	SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)
BEARING WALLS	
2BW 2BW 2BW 2BW 2BW 2BW	2 HOUR BEARING WALL
1BW 1BW 1BW 1BW 1BW 1BW	1 HOUR BEARING WALL

MEANS OF EGRESS

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



PROJECT INFORMATION

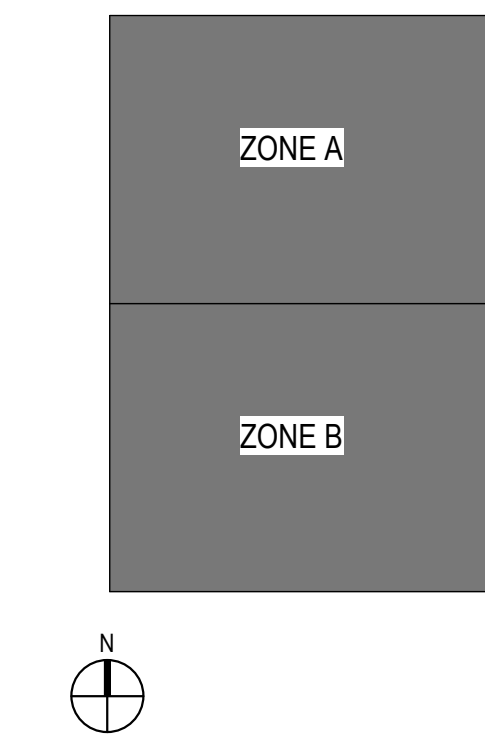
STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

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
02-15-2024	PH1_C802

KEY PLAN



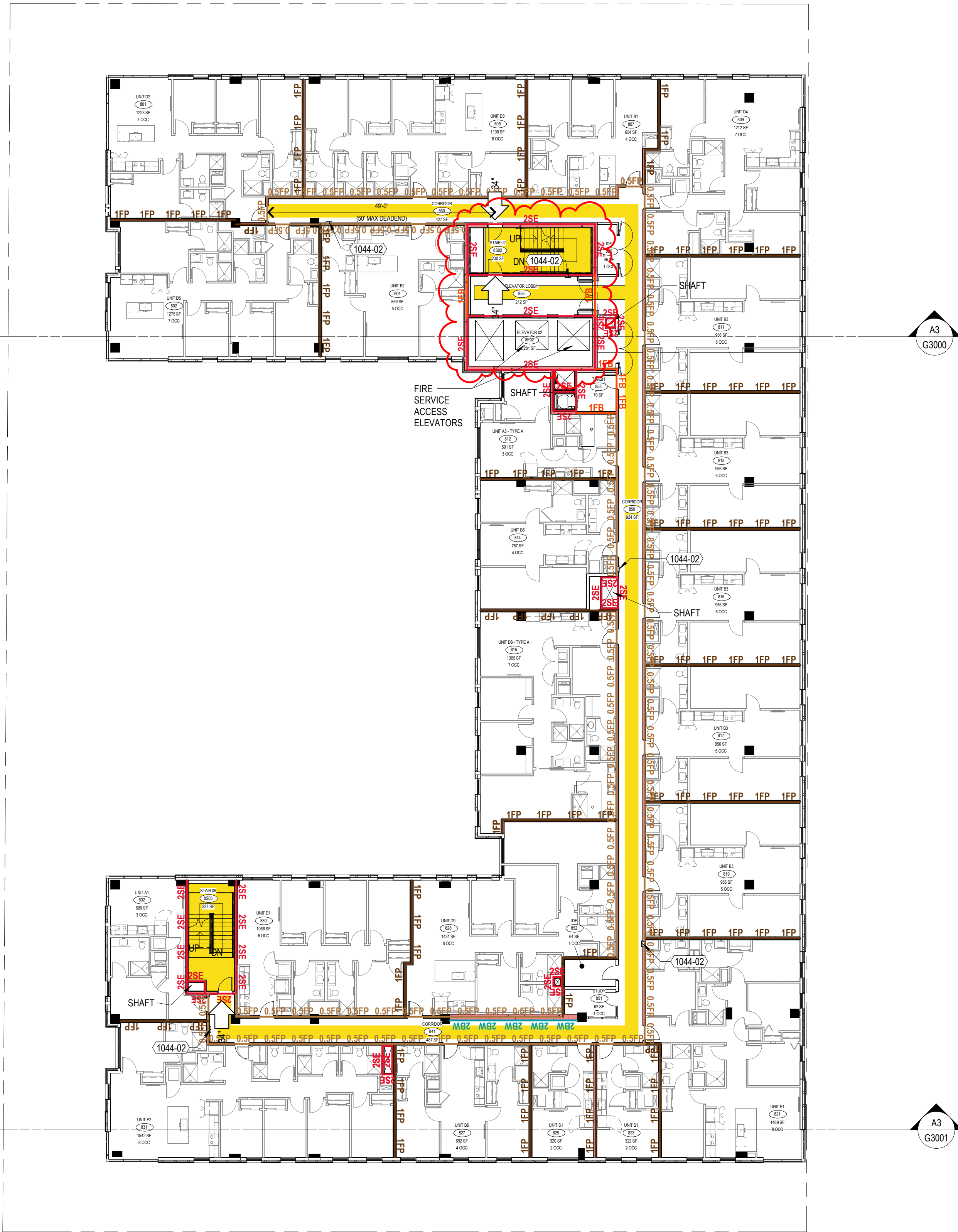
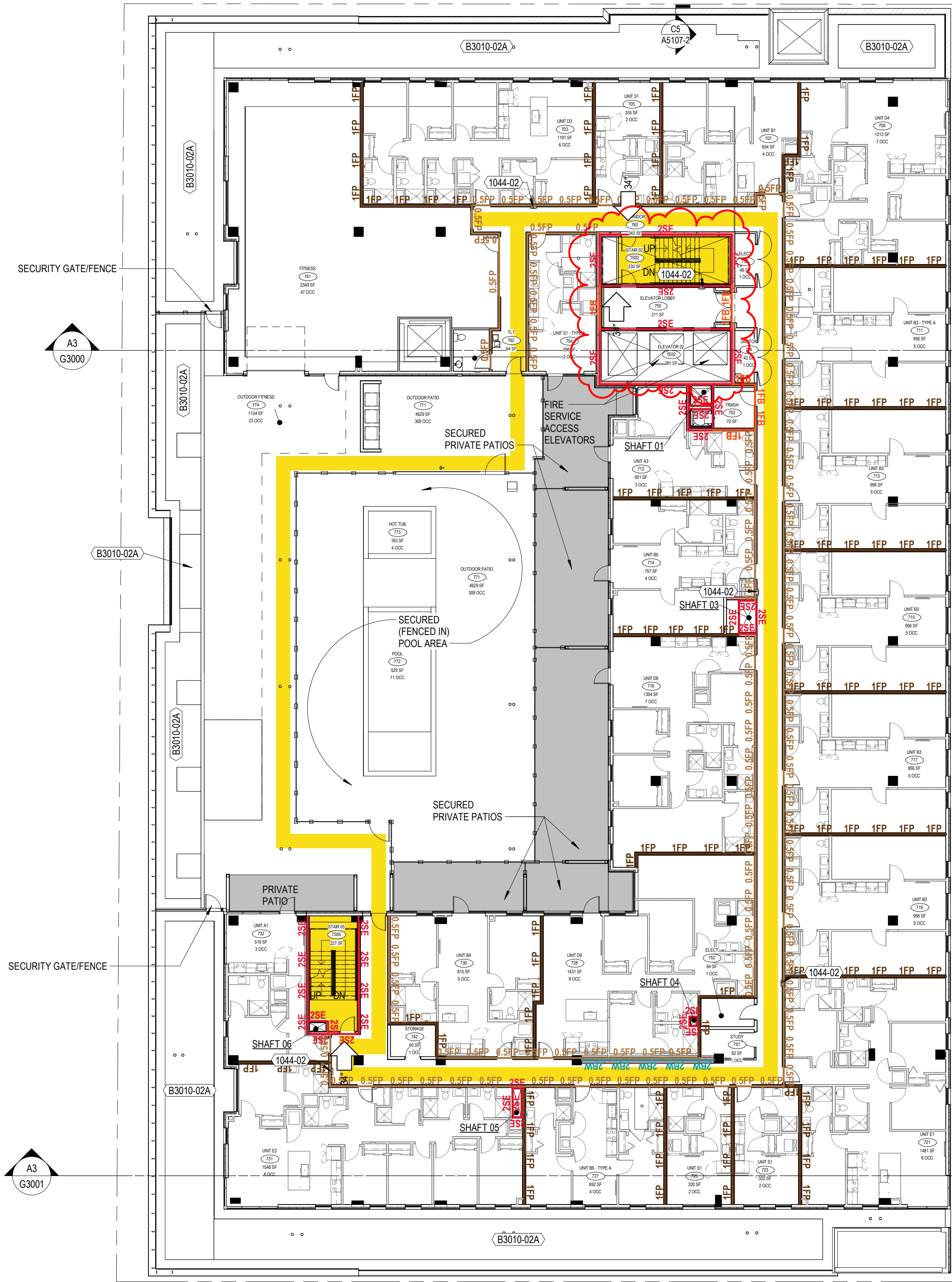
SHEET INFORMATION

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		FIRE PARTITIONS	
4FW 4FW 4FW 4FW 4FW 4FW	4 HOUR FIRE WALL	1FP 1FP 1FP 1FP 1FP 1FP	1 HOUR FIRE PARTITION
3FW 3FW 3FW 3FW 3FW 3FW	3 HOUR FIRE WALL	0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP	0.5 HOUR FIRE PARTITION
2FW 2FW 2FW 2FW 2FW 2FW	2 HOUR FIRE WALL	0.5 0.5 0.5 0.5 0.5 0.5	0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)
FIRE BARRIERS		SMOKE TIGHT PARTITIONS	
4FB 4FB 4FB 4FB 4FB 4FB	4 HOUR FIRE BARRIER	X X X X X X X	SMOKE TIGHT PARTITION
3FB 3FB 3FB 3FB 3FB 3FB	3 HOUR FIRE BARRIER	XC XC XC XC XC XC	SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)
2FB 2FB 2FB 2FB 2FB 2FB	2 HOUR FIRE BARRIER	XP XP XP XP XP XP	SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)
1FB 1FB 1FB 1FB 1FB 1FB	1 HOUR FIRE BARRIER	XI XI XI XI XI XI	SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)
SHAFT ENCLOSURES		BEARING WALLS	
2SE 2SE 2SE 2SE 2SE 2SE	2 HOUR SHAFT ENCLOSURE	2BW 2BW 2BW 2BW 2BW 2BW	2 HOUR BEARING WALL
1SE 1SE 1SE 1SE 1SE 1SE	1 HOUR SHAFT ENCLOSURE	1BW 1BW 1BW 1BW 1BW 1BW	1 HOUR BEARING WALL
SMOKE BARRIERS			
4SB 4SB 4SB 4SB 4SB 4SB	4 HOUR SMOKE BARRIER		
3SB 3SB 3SB 3SB 3SB 3SB	3 HOUR SMOKE BARRIER		
2SB 2SB 2SB 2SB 2SB 2SB	2 HOUR SMOKE BARRIER		
1SB 1SB 1SB 1SB 1SB 1SB	1 HOUR SMOKE BARRIER		

MEANS OF EGRESS

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



PROJECT INFORMATION

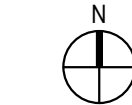
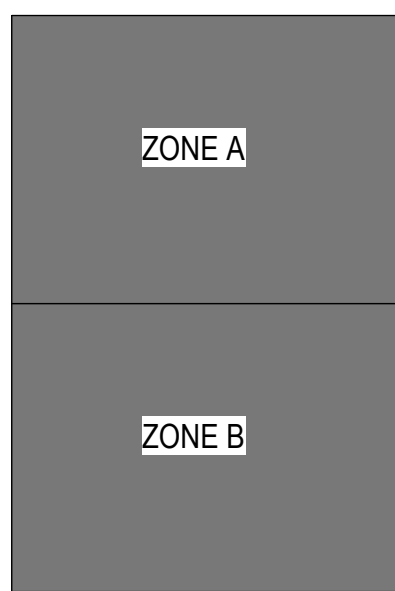
STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
07-28-2023	DESIGN DEVELOPMENT PH1
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1
02-15-2024	PH1, CB02

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER MO
PROJECT NUMBER 720448

9TH-15TH FLR LIFE
SAFETY PLAN

G1005

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A5 9TH - 15TH FLR LIFE SAFETY PLAN
1/16" = 1'-0"

E

D

C

B

A

KEYNOTES PER SHEET	
1044-02	SEMI-RECESSED FIRE EXTINGUISHER CABINET
B3010-02A	VEGETATED GREEN ROOF TRAY, INSULATION, HOT-APPLIED RUBBERIZED ASPHALT WATERPROOFING OVER POST-TENSIONED CONCRETE SLAB - SEE BUILDING ASSEMBLIES SHEET
B3010-02B	VEGETATED GREEN ROOF TRAY, INSULATION, EPDM OVER POST-TENSIONED CONCRETE SLAB - SEE BUILDING ASSEMBLIES SHEET

FIRE RESISTIVE LEGEND			
FIRE WALLS		4 HOUR FIRE WALL	4FW 4FW 4FW 4FW 4FW 4FW
		3 HOUR FIRE WALL	3FW 3FW 3FW 3FW 3FW 3FW
		2 HOUR FIRE WALL	2FW 2FW 2FW 2FW 2FW 2FW
FIRE BARRIERS		4 HOUR FIRE BARRIER	4FB 4FB 4FB 4FB 4FB 4FB
		3 HOUR FIRE BARRIER	3FB 3FB 3FB 3FB 3FB 3FB
		2 HOUR FIRE BARRIER	2FB 2FB 2FB 2FB 2FB 2FB
		1 HOUR FIRE BARRIER	1FB 1FB 1FB 1FB 1FB 1FB
SHAFT ENCLOSURES		2 HOUR SHAFT ENCLOSURE	2SE 2SE 2SE 2SE 2SE 2SE
		1 HOUR SHAFT ENCLOSURE	1SE 1SE 1SE 1SE 1SE 1SE
SMOKE BARRIERS		4 HOUR SMOKE BARRIER	4SB 4SB 4SB 4SB 4SB 4SB
		3 HOUR SMOKE BARRIER	3SB 3SB 3SB 3SB 3SB 3SB
		2 HOUR SMOKE BARRIER	2SB 2SB 2SB 2SB 2SB 2SB
		1 HOUR SMOKE BARRIER	1SB 1SB 1SB 1SB 1SB 1SB
FIRE PARTITIONS		1 HOUR FIRE PARTITION	1FP 1FP 1FP 1FP 1FP 1FP
		0.5 HOUR FIRE PARTITION	0.5FP 0.5FP 0.5FP 0.5FP 0.5FP 0.5FP
		0.5 HOUR CORRIDOR PARTITION (FOR EXISTING HOSPITAL CONSTRUCTION ONLY)	0.5 0.5 0.5 0.5 0.5 0.5
SMOKE TIGHT PARTITIONS		SMOKE TIGHT PARTITION	X X X X X X
		SMOKE TIGHT PARTITION (TO SMOKE TIGHT CEILING)	XC XC XC XC XC XC
		SMOKE TIGHT PARTITION (WITHIN PLENUM ABOVE CEILING)	XP XP XP XP XP XP
		SMOKE TIGHT PARTITION (SEPARATION OF INTERSTITIAL SPACES)	XI XI XI XI XI XI
BEARING WALLS		2 HOUR BEARING WALL	2BW 2BW 2BW 2BW 2BW 2BW
		1 HOUR BEARING WALL	1BW 1BW 1BW 1BW 1BW 1BW

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



PROJECT INFORMATION

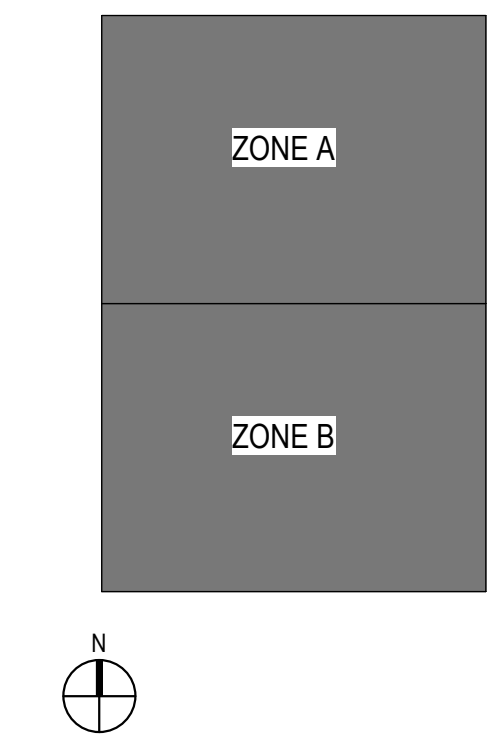
STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

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
02-15-2024	PH1_C802

KEY PLAN



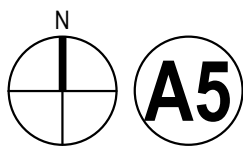
SHEET INFORMATION

PROJECT MANAGER	MO
PROJECT NUMBER	720448

ROOF LIFE SAFETY
PLAN

G1012

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TOP OF ROOF LIFE SAFETY PLAN

1/16" = 1'-0"



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PROJECT INFORMATION

STATE STREET CAMPUS GARAGE MIXED-USE

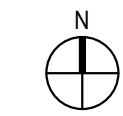
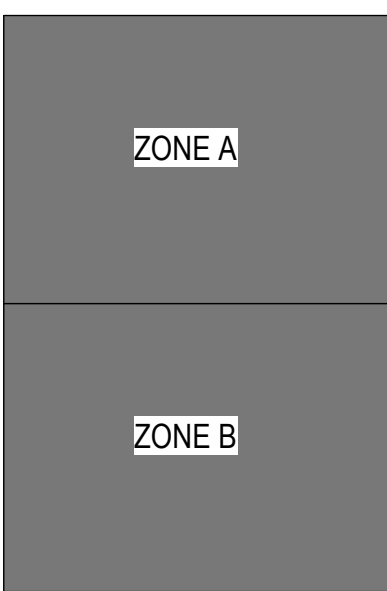
415 N. LAKE STREET MADISON, WI 53715

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

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



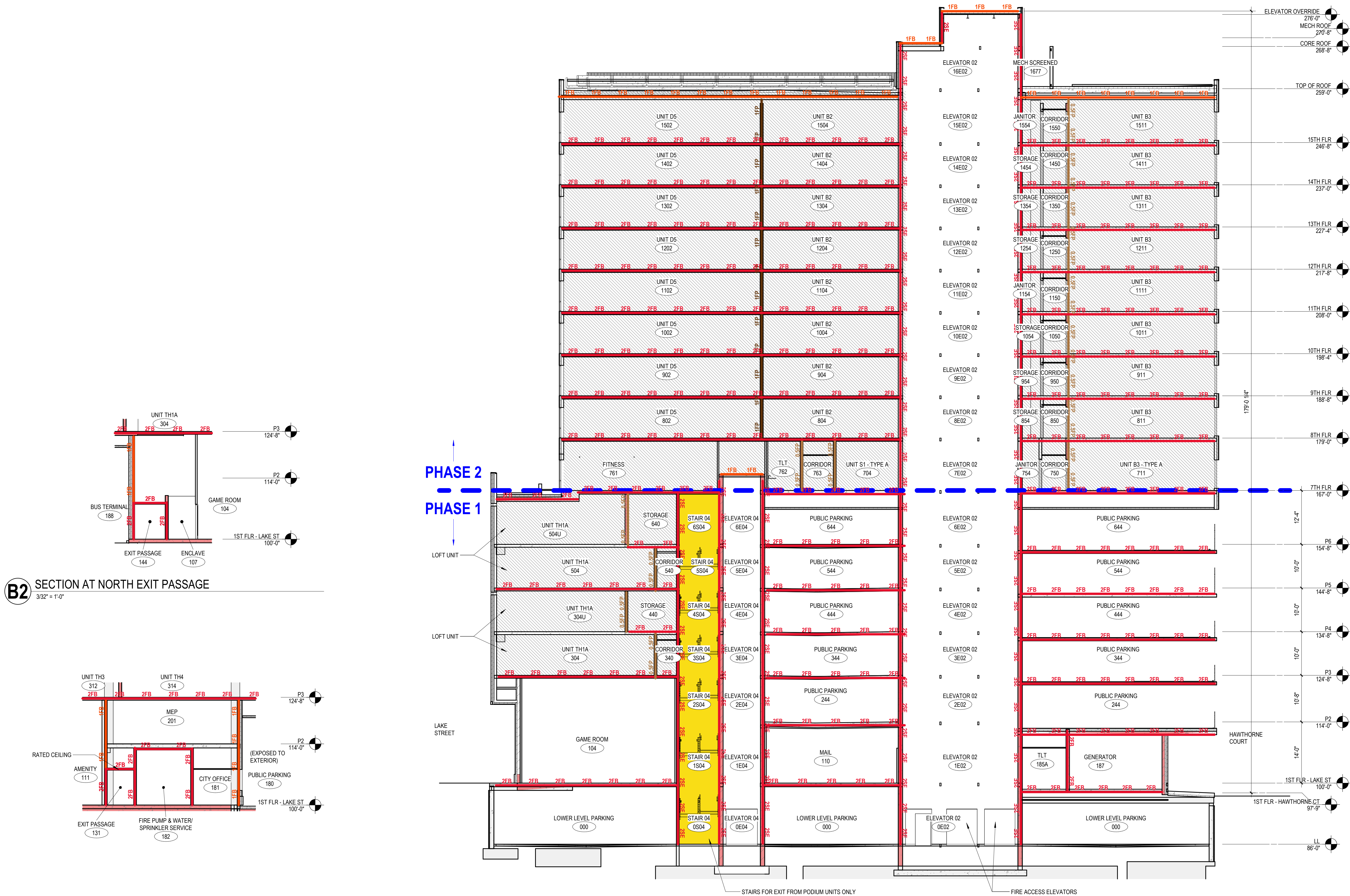
SHEET INFORMATION

PROJECT MANAGER MO
PROJECT NUMBER 720448

LIFE SAFETY SECTION

G3000

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PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

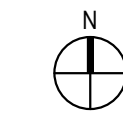
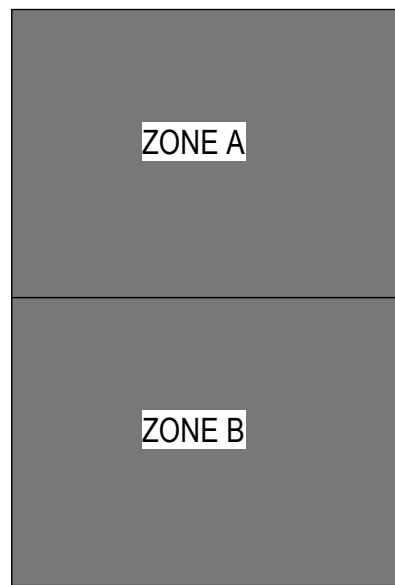
415 N. LAKE STREET
MADISON, WI 53715

CITY OF MADISON, STATE STREET CAMPUS
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10-02-2023	CONSTRUCTION DOCUMENTS PH 1

KEY PLAN



SHEET INFORMATION

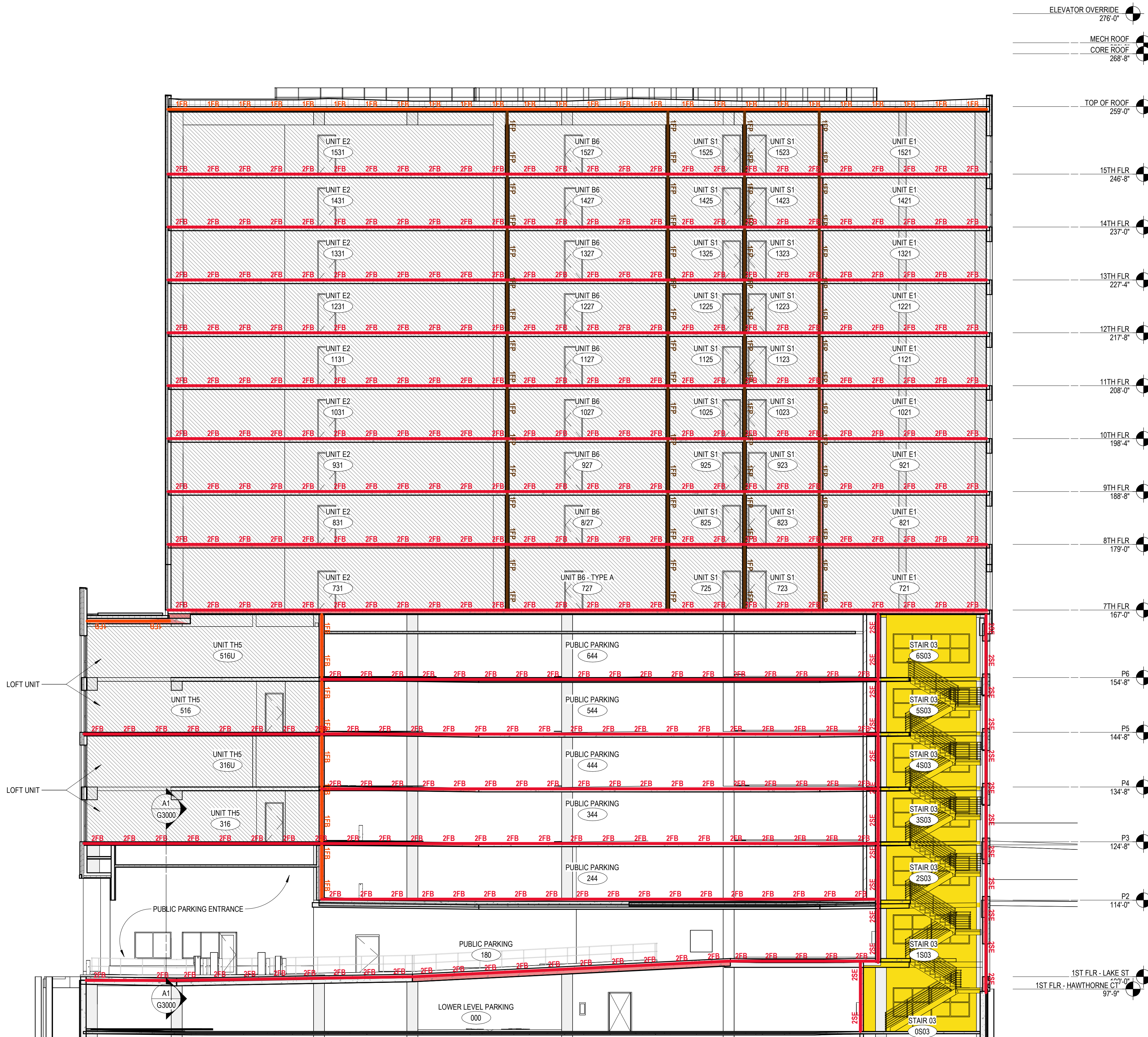
PROJECT MANAGER MO

PROJECT NUMBER 720448

LIFE SAFETY
SECTION

G3001

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

E

D

C

B

A

OCC LOAD & WIDTH									
NO.	ROOM NAME	FUNCTION OF SPACE	AREA	AREA PER OCC	OCC LOAD	STAIR WIDTH	OTHER WIDTH		
1006	ELEC. VAULT	Accessory Storage / MechEquipment	1,272.55 SF	300	5	1.50	1.00		
1004	CITY STORAGE	Accessory Storage / MechEquipment	497.2 SF	300	2	0.60	0.40		
1005	BKCS STORAGE	Accessory Storage / MechEquipment	720.0 SF	300	3	0.60	0.40		
1000	LOWER LEVEL PARKING	Parking Garage	37,138.67 SF	200	186	56.80	37.20		
LL			39,629.03 SF		196	58.80	39.20		
128	FIRE COMMAND CENTER	Accessory Storage / MechEquipment	265.94 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	960.94 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	351.46 SF	300	2	0.60	0.40		
187	GENERATOR	Accessory Storage / MechEquipment	370.38 SF	300	2	0.60	0.40		
116	MDP	Accessory Storage / MechEquipment	62.06 SF	300	1	0.30	0.20		
91	MAINTENANCE	Accessory Storage / MechEquipment	53.67 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	521.26 SF	300	2	0.60	0.40		
142	HOUSING ELECTRICAL ROOM	Accessory Storage / MechEquipment	419.38 SF	300	2	0.60	0.40		
116A	STORAGE	Accessory Storage / MechEquipment	77.97 SF	300	1	0.30	0.20		
143	MPQE	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	486.03 SF	15	34	10.20	6.80		
189	BUS WAITING	Assembly w/o Fixed Seats - Unconcentrated	419.20 SF	15	23	6.90	4.60		
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	206.06 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	87.33 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	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	3,276.13 SF	200	17	5.10	3.40		
1ST FLR - LAKE ST			25,066.31 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	1	0.30	0.20		
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	DOCS WASH	Business Areas	208.97 SF	100	0.90	0.60	0.40		
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	988.18 SF	200	5	1.50	1.00		
P3			37,424.34 SF		196	58.80	39.20		
440	STORAGE	Accessory Storage / MechEquipment	1,846.31 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 / MDP	Accessory Storage / MechEquipment	26.53 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	680.48 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			37,036.06 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	26,320.49 SF	200	142	42.60	28.40		
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	941.56 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	1,846.31 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	343.12 SF	300	3	0.90	0.60		
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	680.48 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	80.49 SF	300	1	0.30	0.20		
761	FITNESS	Exercise	2,342.65 SF	50	14	10	47		
734	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		
726	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	862.54 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		

E

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A

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	528.81 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	
866	ELECT		Accessory Storage / Mech/Equipment	42.3 SF	300	1	0.30	0.20	
851	STUDY		Accessory Storage / Mech/Equipment	65.31 SF	300	1	0.30	0.20	
852	IDF		Accessory Storage / Mech/Equipment	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	955.72 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	1,439.97 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	690.71 SF	200	4	1.20	0.80	
830	UNIT S1		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	23.50	
954	STORAGE		Accessory Storage / Mech/Equipment	40.05 SF	300	1	0.30	0.20	
951	STUDY		Accessory Storage / Mech/Equipment	65.31 SF	300	1	0.30	0.20	
862	ELECT		Accessory Storage / Mech/Equipment	64.23 SF	300	1	0.30	0.20	
956	ELECT		Accessory Storage / Mech/Equipment	42.3 SF	300	1	0.30	0.20	
905	UNIT D3		Residential	1,187.83 SF	200	7	2.10	1.40	
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	303.37 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	
907	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	1,439.97 SF	200	8	2.40	1.60	
930	UNIT D1		Residential	1,062.68 SF	200	6	1.80	1.20	
932	UNIT S1		Residential	501.72 SF	200	3	0.90	0.60	
912	UNIT A3		Residential	498.38 SF	200	3	0.90	0.60	
9TH FLR				21,316.21 SF		120	36.00	24.00	
1054	STORAGE		Accessory Storage / Mech/Equipment	40.05 SF	300	1	0.30	0.20	
1051	STUDY		Accessory Storage / Mech/Equipment	65.31 SF	300	1	0.30	0.20	
1052	IDF		Accessory Storage / Mech/Equipment	64.23 SF	300	1	0.30	0.20	
1056	IDF		Accessory Storage / Mech/Equipment	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	
1023	UNIT S1		Residential	319.52 SF	200	2	0.60	0.40	
1031	UNIT E2		Residential	317.57 SF	200	2	0.60	0.40	
1017	UNIT B3		Residential	1,541.54 SF	200	8	2.40	1.60	
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	1,439.97 SF	200	8	2.40	1.60	
1030	UNIT D1		Residential	1,062.68 SF	200	6	1.80	1.20	
1032	UNIT S1		Residential	501.72 SF	200	3	0.90	0.60	
1012	UNIT A3		Residential	498.38 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 / Mech/Equipment	40.05 SF	300	1	0.30	0.20	
1151	STUDY		Accessory Storage / Mech/Equipment	65.31 SF	300	1	0.30	0.20	
1152	ELECT		Accessory Storage / Mech/Equipment	64.23 SF	300	1	0.30	0.20	
1156	ELECT		Accessory Storage / Mech/Equipment	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	1,439.97 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	498.38 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 / Mech/Equipment	40.05 SF	300	1	0.30	0.20	
1252	STUDY		Accessory Storage / Mech/Equipment	65.31 SF	300	1	0.30	0.20	
1252	IDF		Accessory Storage / Mech/Equipment	64.23 SF	300	1	0.30	0.20	
1256	IDF		Accessory Storage / Mech/Equipment	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	1,439.97 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	

E

D

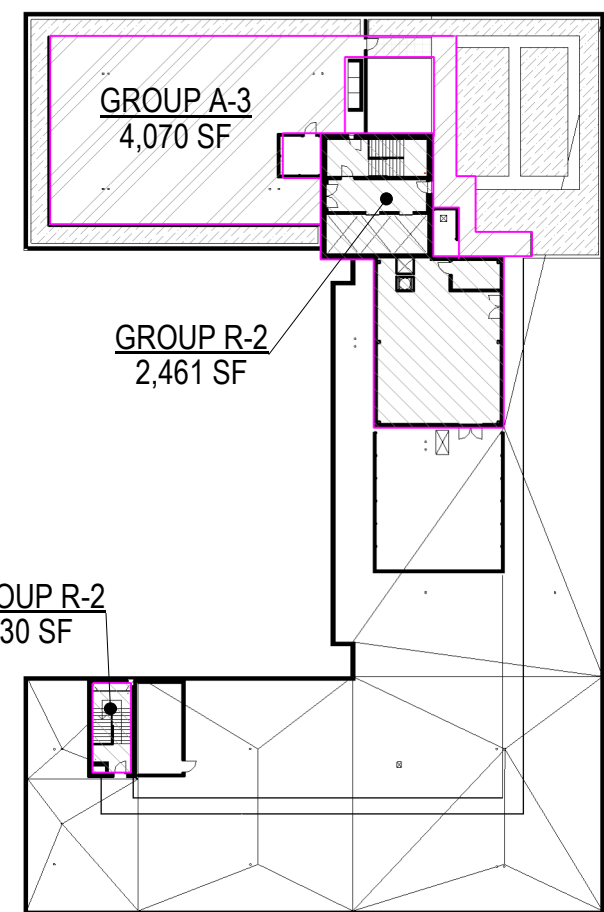
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B

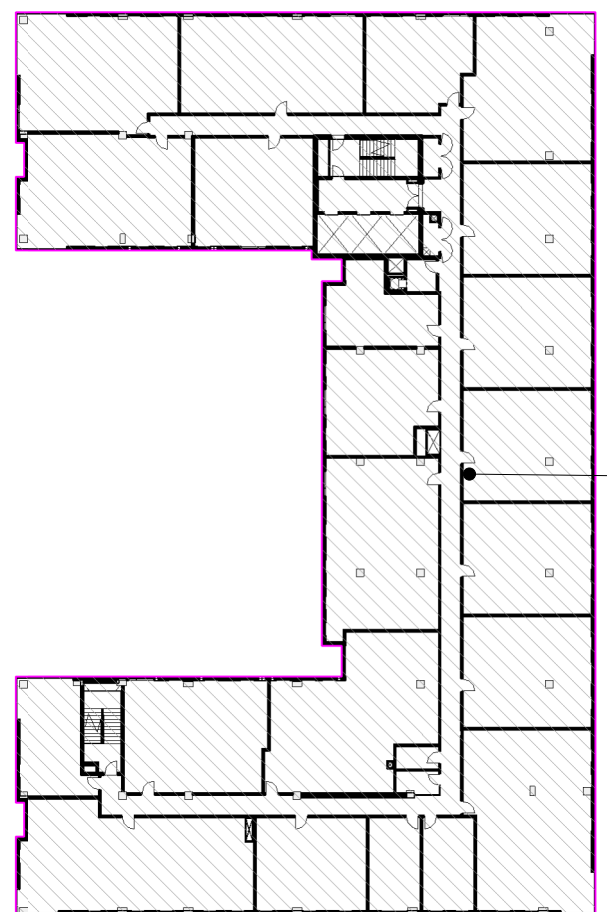
A

AREA SCHEDULE

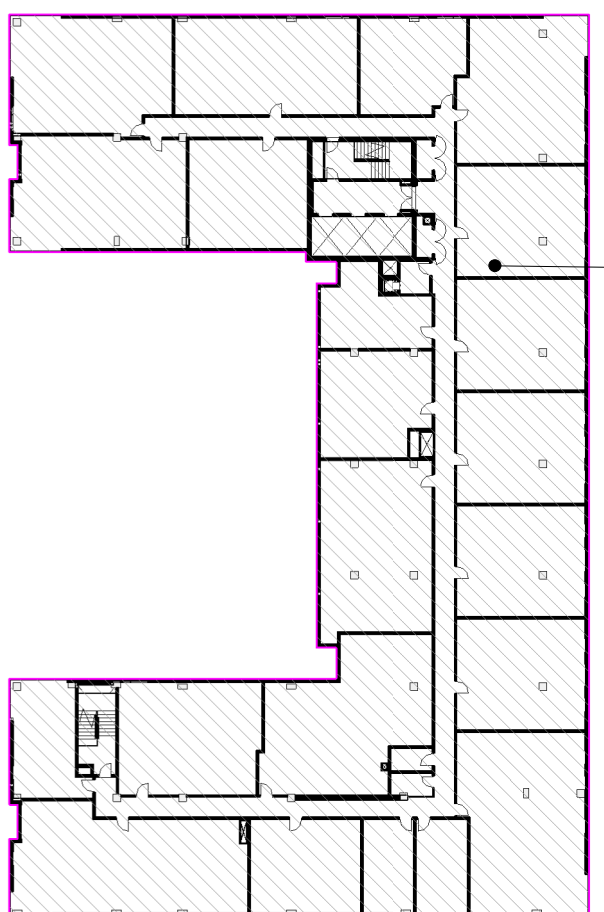
NAME	AREA
GROUP A-3	14,075.79 SF
GROUP B	15,010.69 SF
GROUP R-2	287,677.73 SF
GROUP S-2	226,567.53 SF
AREA IS GROSS FLOOR AREA	543,331.74 SF



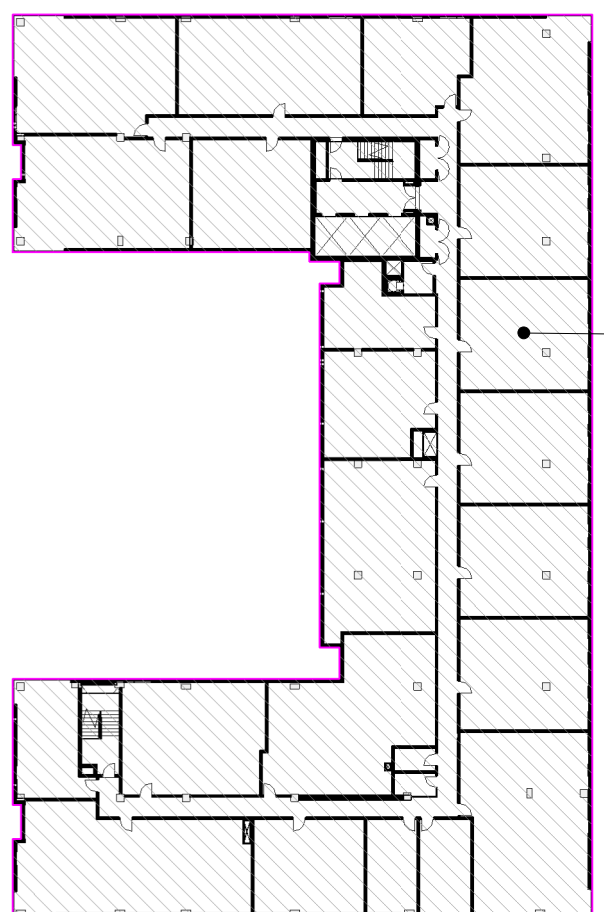
17 TOP OF ROOF
1" = 50'-0"



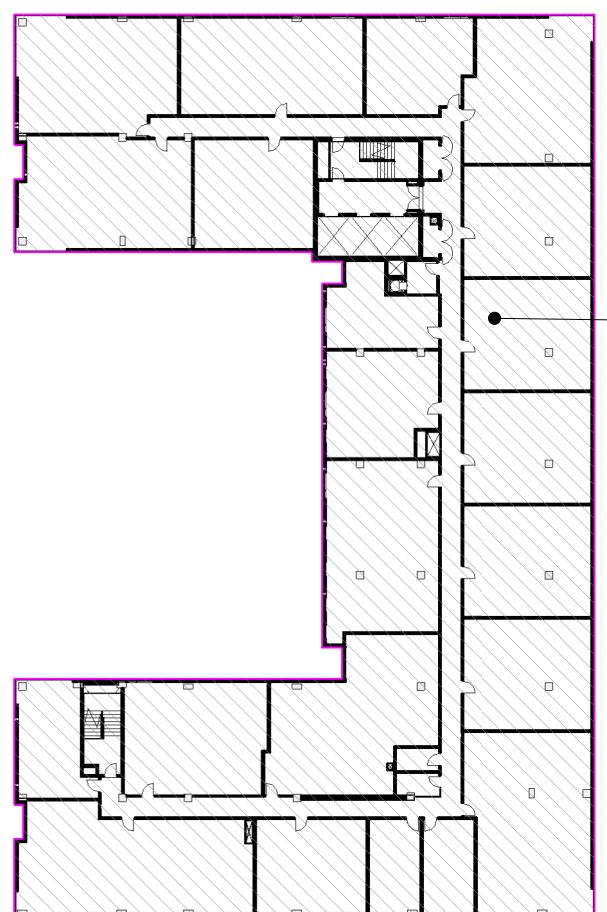
16 15TH FLR
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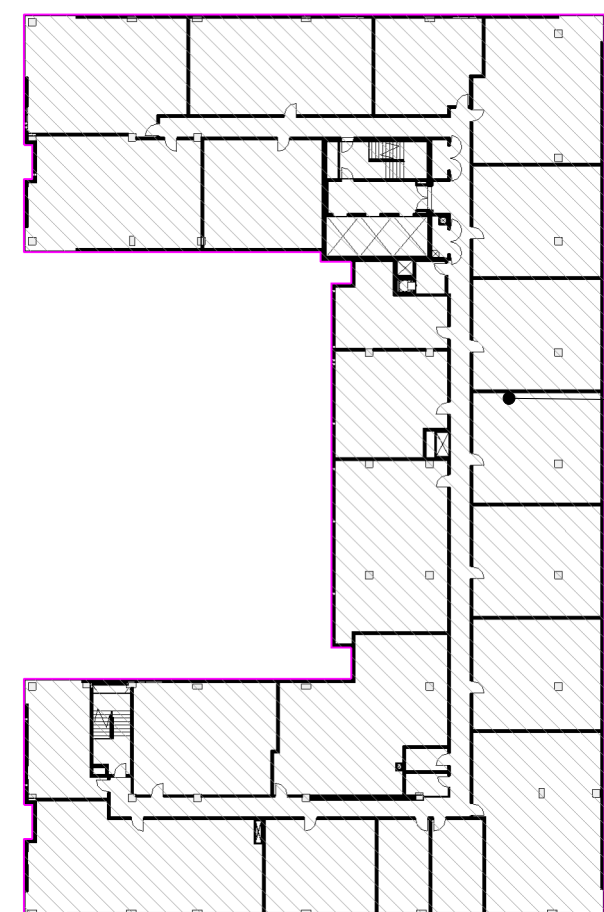
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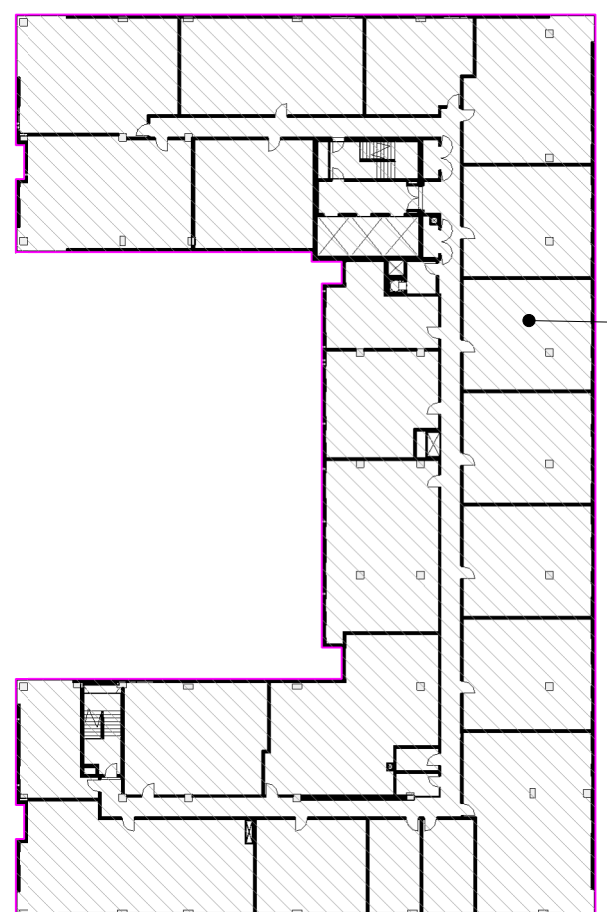
14 13TH FLR
1" = 50'-0"



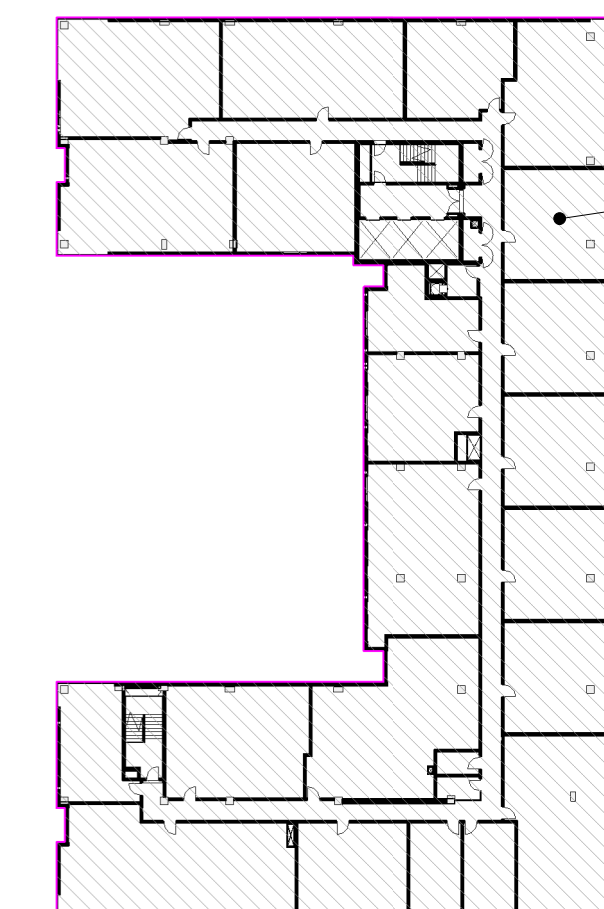
13 12TH FLR
1" = 50'-0"



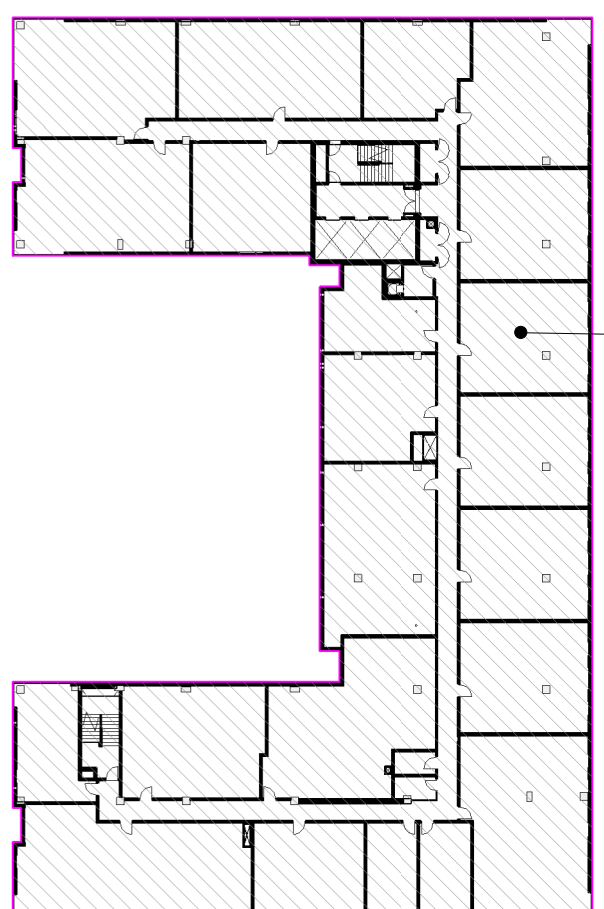
12 11TH FLR
1" = 50'-0"



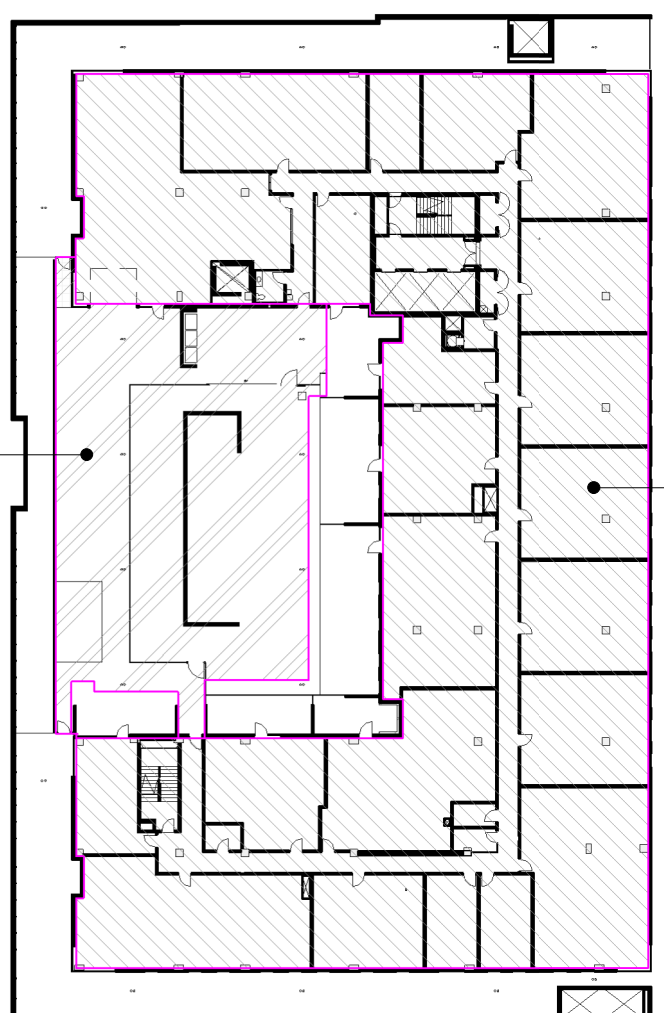
11 10TH FLR
1" = 50'-0"



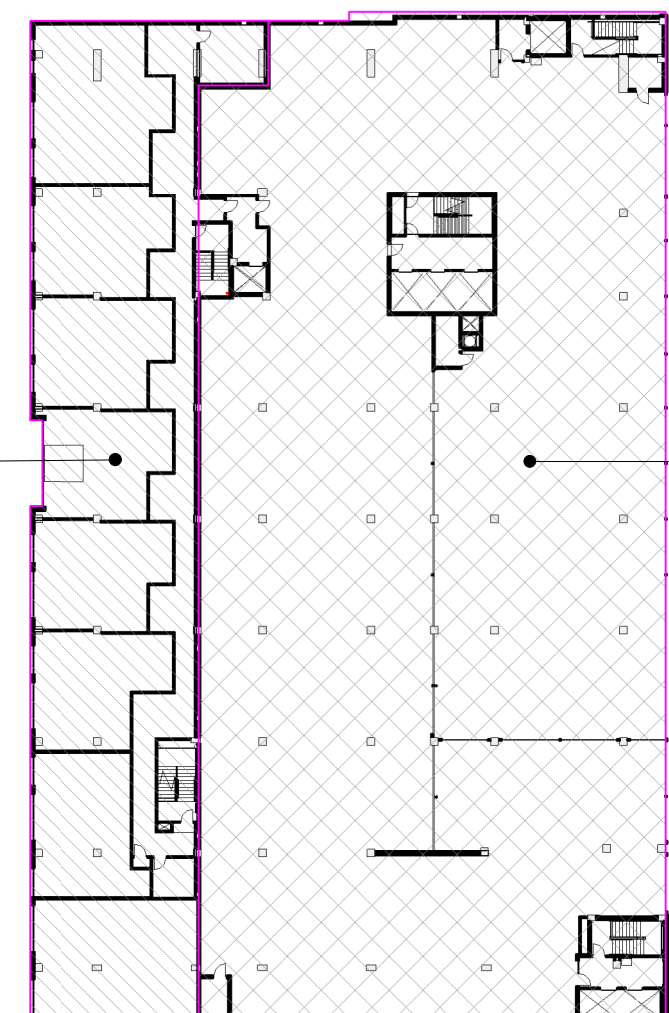
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1" = 50'-0"



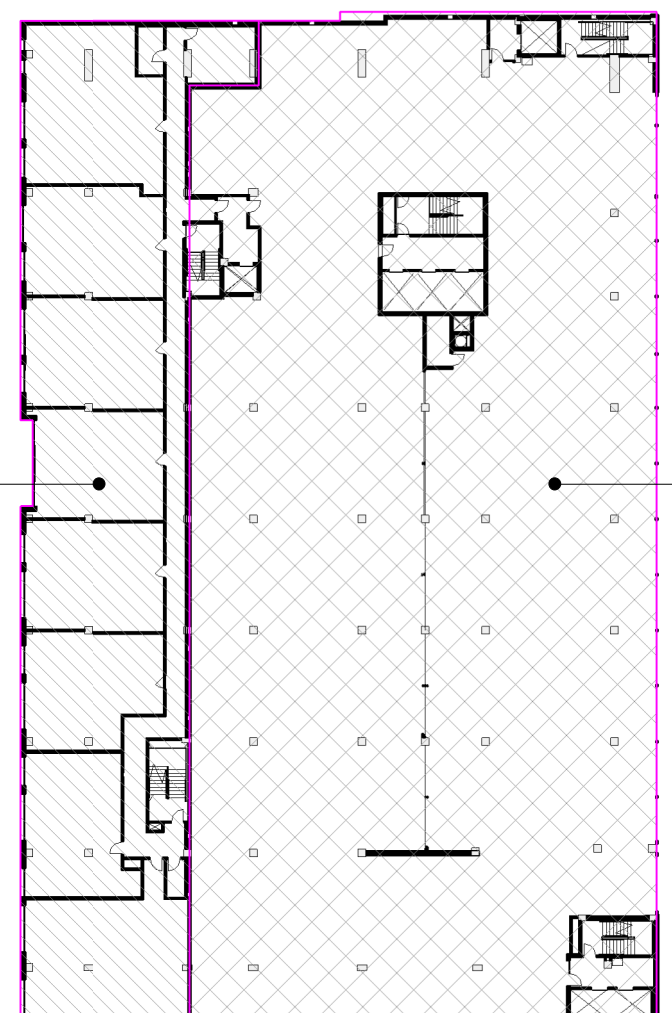
9 8TH FLR
1" = 50'-0"



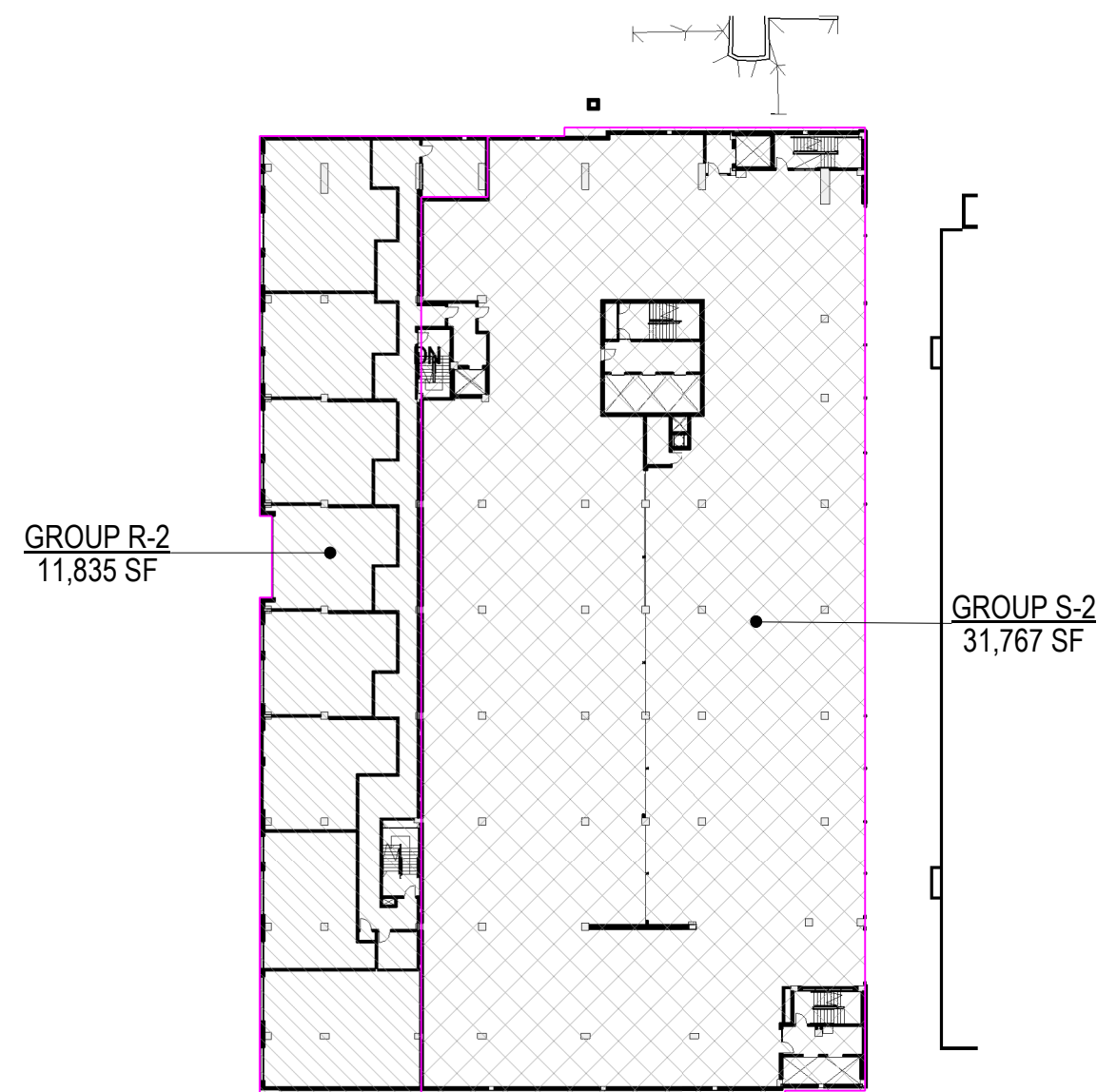
8 7TH FLR
1" = 50'-0"



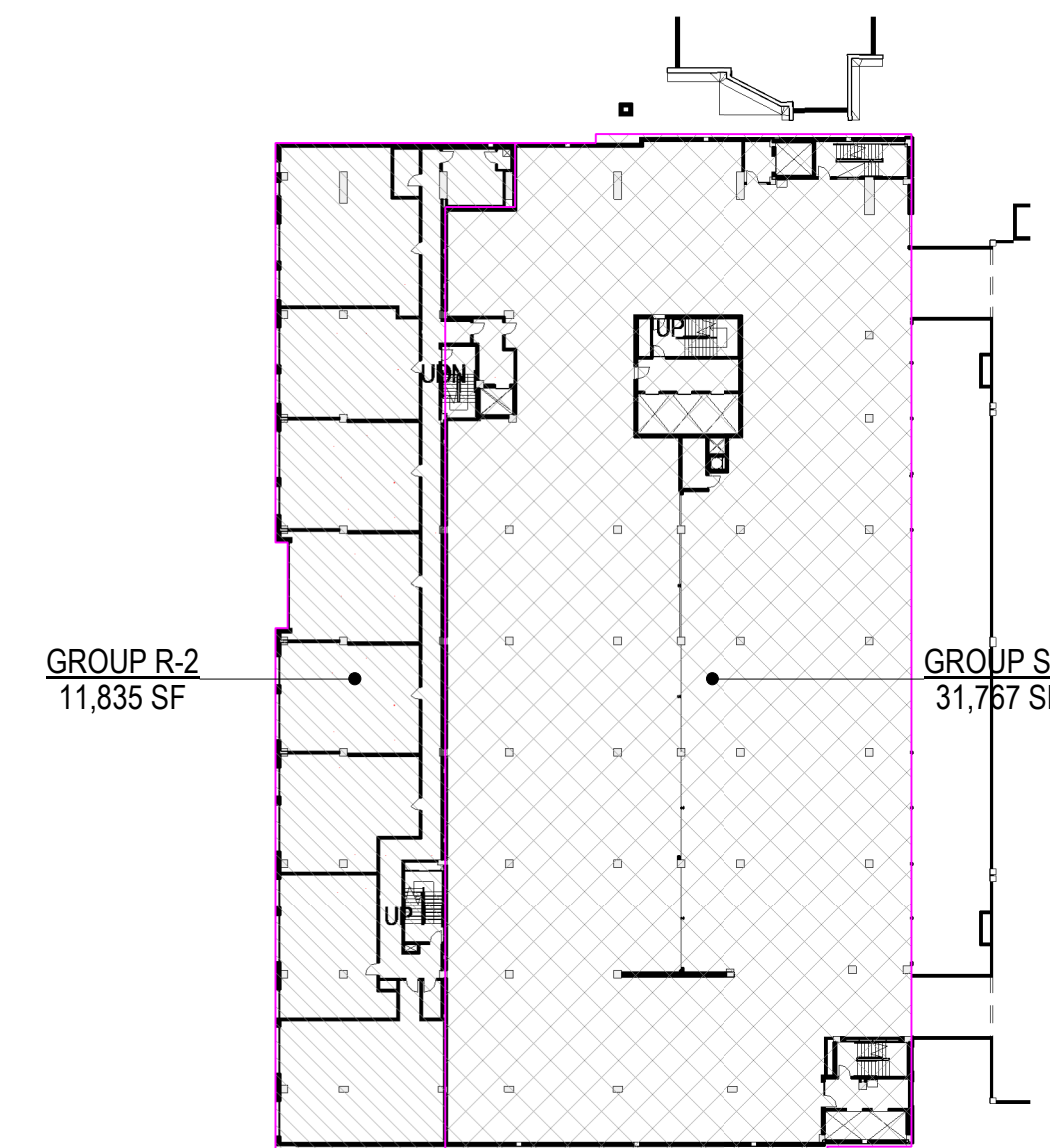
7 P6 FLR OCCUPANCY CLASSIFICATION
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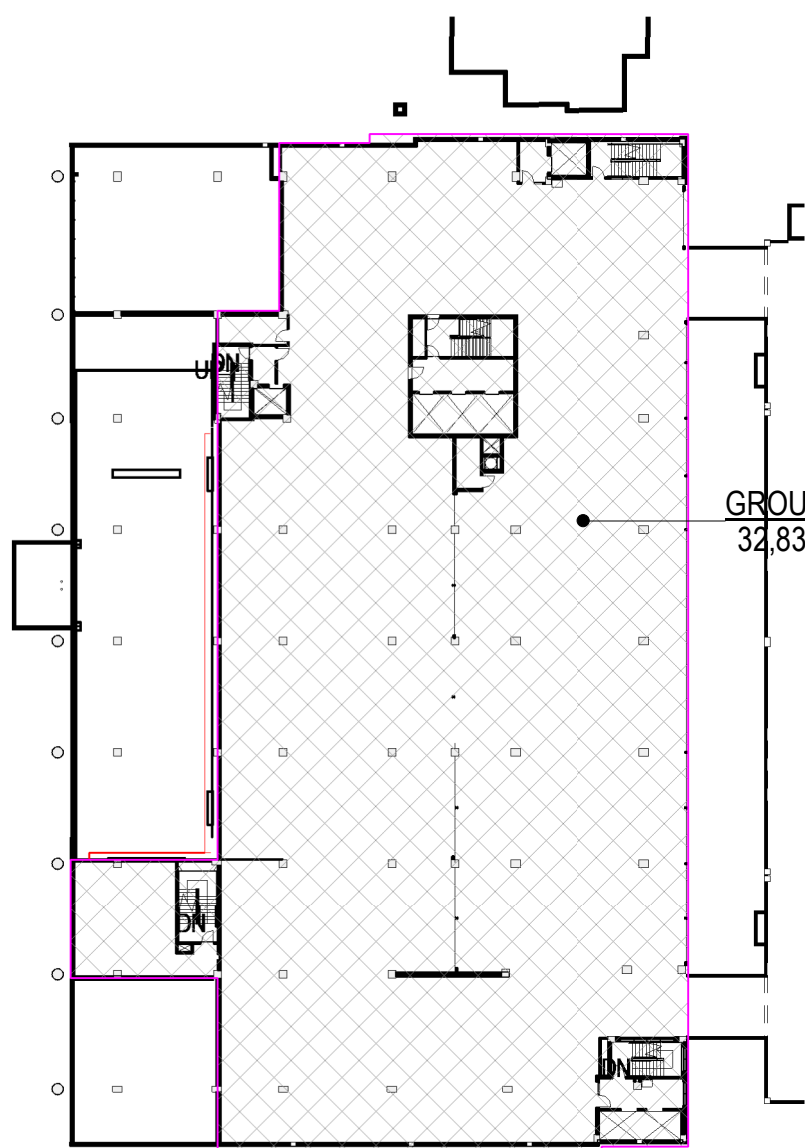
6 P5 FLR OCCUPANCY CLASSIFICATION
1" = 50'-0"



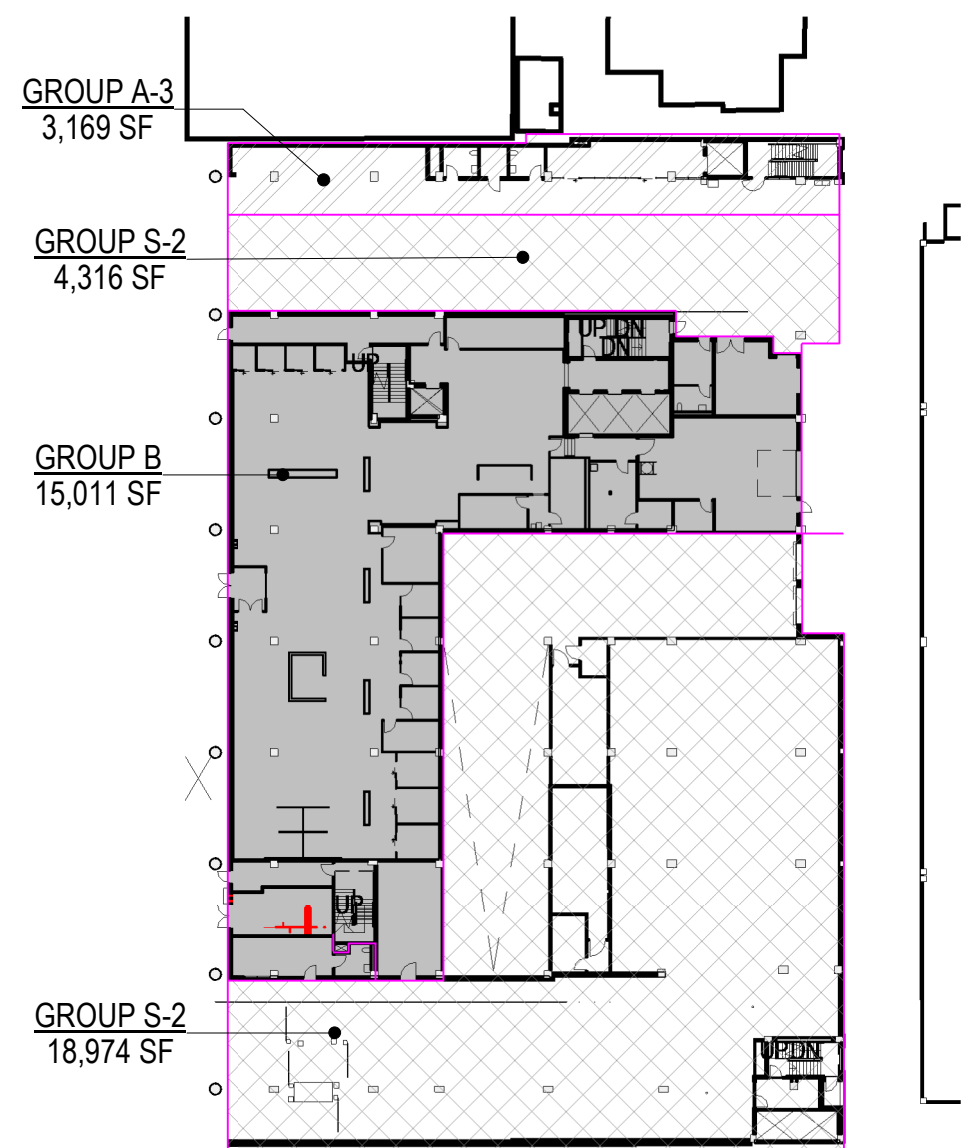
5 P4 FLR OCCUPANCY CLASSIFICATION
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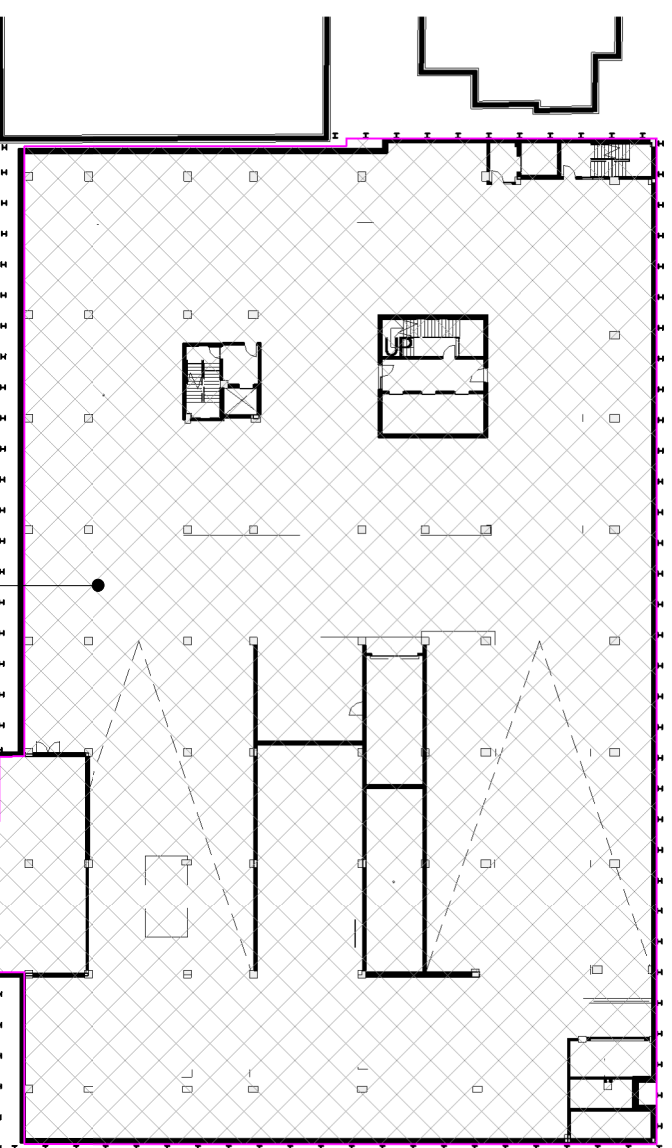
4 P3 FLR OCCUPANCY CLASSIFICATION
1" = 50'-0"



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



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



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



milwaukee | madison | green bay | denver | atlanta

PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

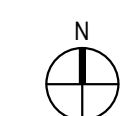
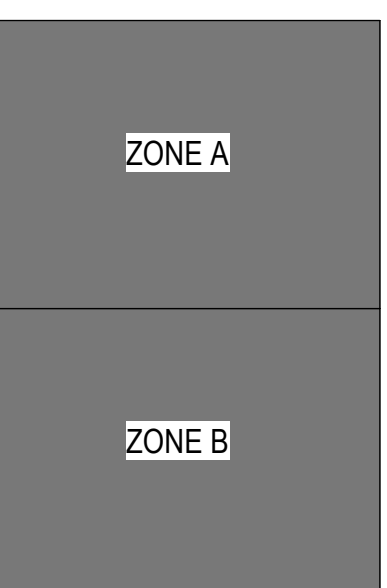
415 N. LAKE STREET
MADISON, WI 53715

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

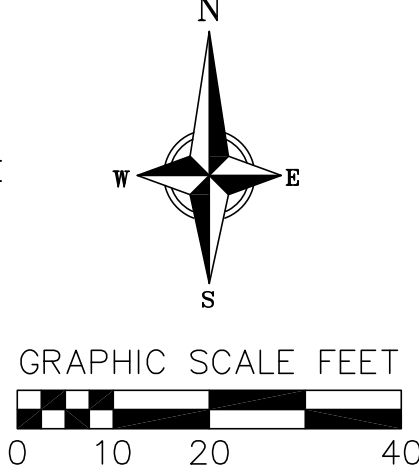
CODE CALCS

G4002

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- TOPOGRAPHIC LINEWORK LEGEND**
- UT — UT — EXISTING UNDERGROUND CABLE TV
 - G — G — EXISTING GAS LINE
 - UE — UE — EXISTING UNDERGROUND ELECTRIC LINE
 - SAN — SAN — EXISTING SANITARY SEWER LINE
 - ST — ST — EXISTING STORM SEWER LINE
 - WM — WM — EXISTING WATER MAIN
 - 820 — 820 — EXISTING MAJOR CONTOUR
 - 818 — 818 — EXISTING MINOR CONTOUR
 - — — EXISTING GATE
 - * — * — EXISTING GUARDRAIL



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

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
08-24-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
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

vierbicher
planners engineers architects
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 MO
PROJECT NUMBER 720448-01

**EXISTING
CONDITIONS PLAN
PHASE 1**

C100

CITY OF MADISON RIGHT-OF-WAY NOTES:

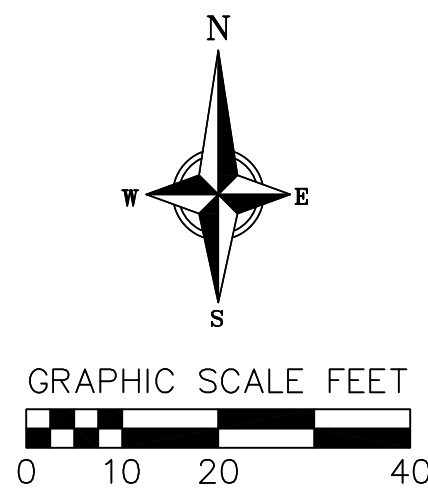
1. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY POINT AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

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

3. REMOVALS SHOWN ON THIS PLAN WITHIN THE PUBLIC RIGHT-OF-WAY ARE SHOWN FOR CONTEXT AND CLARIFICATION ONLY. REFER TO CITY PLANS FOR FINAL LIMITS AND SPECIFICATIONS.

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



- DEMOLITION NOTES:
- CONTRACTOR SHALL KEEP ALL CITY STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
 - COORDINATE EXISTING UTILITY REMOVAL/ABANDONMENT WITH LOCAL AUTHORITIES AND UTILITY COMPANIES HAVING JURISDICTION.
 - 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.
 - 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.
 - IF APPLICABLE, PROVIDE TREE PROTECTION FENCING PRIOR TO CONSTRUCTION OPERATIONS. MAINTAIN THROUGHOUT CONSTRUCTION.
 - CONTRACTOR SHALL OBTAIN ANY NECESSARY DEMOLITION AND UTILITY PLUGGING PERMITS.
 - ANY DAMAGE TO THE CITY PAVEMENT, INCLUDING DAMAGE RESULTING FROM CURB REPLACEMENT, WILL REQUIRE RESTORATION IN ACCORDANCE WITH THE CITY ENGINEERING PATCHING CRITERIA.
 - COORDINATE ALL DEMOLITION WORK WITHIN CITY RIGHT OF WAY WITH PUBLIC IMPROVEMENT PLANS.
 - 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.
 - ALL PROPOSED STREET TREE REMOVALS REQUIRE A PERMIT FROM THE CITY FORESTRY DEPARTMENT.

PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
08-24-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
08-03-2023	CITY SUBMITTAL
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1
04-24-2024	PH1_CB05

KEY PLAN

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

SHEET INFORMATION

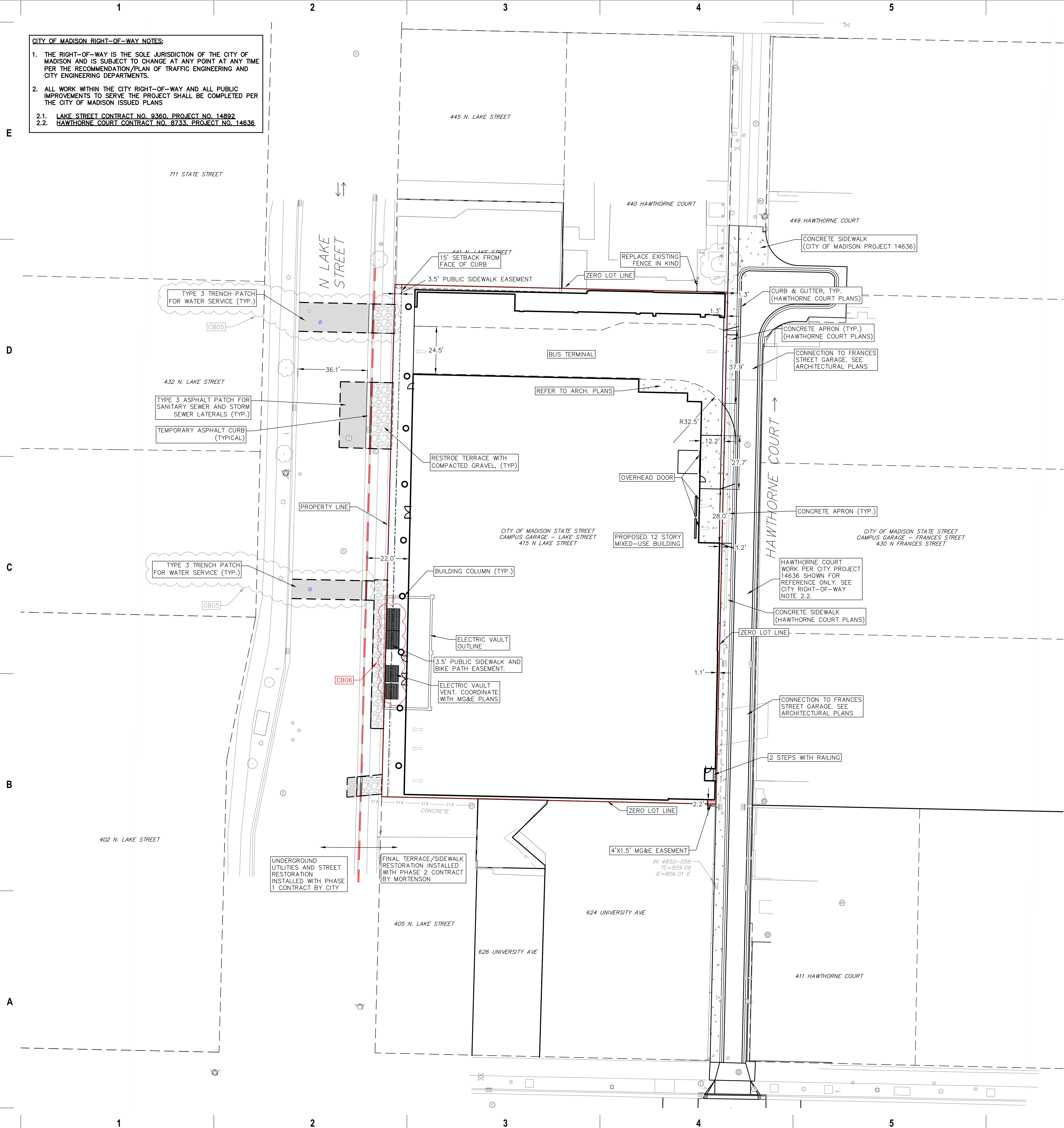
PROGRESS DOCUMENTS
NOT FOR CONSTRUCTION

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 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

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:**
- CONCRETE TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" CRUSHED STONE, CITY OF MADISON GRADATION #2 (1-1/4").
 - 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.
 - ALL DIMENSIONS WITH CURB & GUTTER ARE REFERENCED TO THE FACE OF CURB.
 - CONTRACTOR TO OBTAIN ANY NECESSARY DRIVEWAY CONNECTION, RIGHT OF WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
 - 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.
 - SEE LANDSCAPE PLAN FOR LAKE STREET PLANTERS AND BENCHES.
 - 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.



PROJECT INFORMATION

**STATE STREET
CAMPUS GARAGE
MIXED-USE**

**415 N. LAKE STREET
MADISON, WI 53715**

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
08-24-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
08-03-2023	CITY SUBMITTAL
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1
04-24-2024	PH1_CB05
05-21-2024	PH1_CB06

KEY PLAN



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 MO
PROJECT NUMBER 720448-01

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

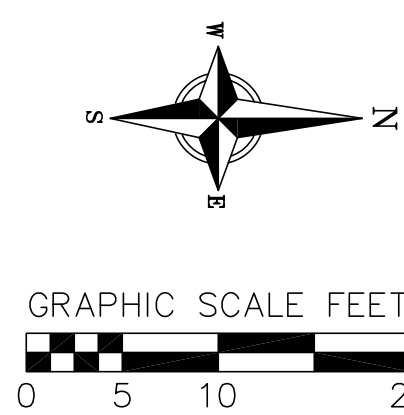
2.1. LAKE STREET CONTRACT NO. 9360, PROJECT NO. 14892
2.2. HAWTHORNE COURT CONTRACT NO. 8733, PROJECT NO. 14636

GRADING NOTES:

- 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.
- SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.
- 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.
- 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.
- INSTALL W/DOT TYPE D INLET PROTECTION IN EXISTING CURB INLETS AND W/DOT TYPE A IN FIELD INLETS.
- 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.
- 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
--- --- PROPOSED SLOPE ARROWS
--- --- EXISTING SPOT ELEVATIONS
--- --- PROPOSED SPOT ELEVATIONS



PROJECT INFORMATION

THEORY MADISON
STUDENT
HOUSING

427 N. LAKE STREET
MADISON, WI 53715

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
09-01-2023	DESIGN DEVELOPMENT PH2
10-06-2023	PRICING SET PH2
12-19-2023	PH1_CB01
02-23-2024	CONSTRUCTION DOCUMENTS PH2
03-14-2024	PH1_CB03
05-21-2024	PH1_CB06

KEY PLAN

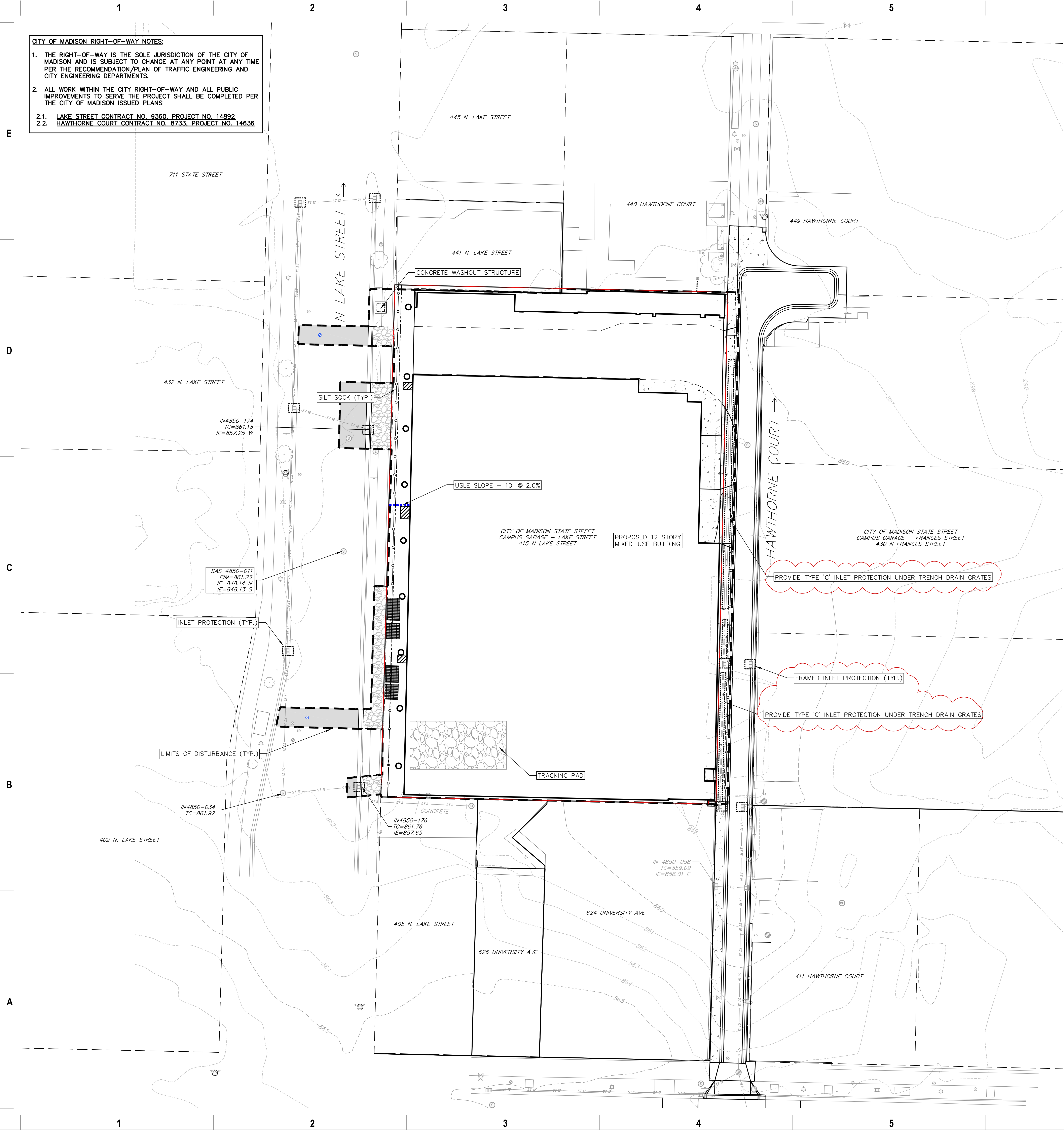
vierbicher
planners | engineers | advisors
Phone: (800) 261-3898

SHEET INFORMATION

PROJECT MANAGER MO
PROJECT NUMBER 720448-01

GRADING PLAN -
PHASE 1 & 2

C400



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 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

GRAPHIC SCALE FEET

0 10 20 40

GRADING NOTES:

- EXISTING CONTOURS ARE FROM LIDAR. THE SITE HAS BEEN SURVEYED AND EXISTING AND PROPOSED CONTOURS ARE SUBJECT TO CHANGE.
- 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.
- SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.
- 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.
- 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.
- INSTALL WI DOT TYPE D INLET PROTECTION IN EXISTING CURB INLETS AND WI DOT TYPE A IN FIELD INLETS.
- 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 INFORMATION

**STATE STREET
CAMPUS GARAGE
MIXED-USE**

**415 N. LAKE STREET
MADISON, WI 53715**

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
08-24-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
08-03-2023	CITY SUBMITTAL
09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1
12-19-2023	PH1_CB01

KEY PLAN



SHEET INFORMATION

**PROGRESS DOCUMENTS
NOT FOR CONSTRUCTION**

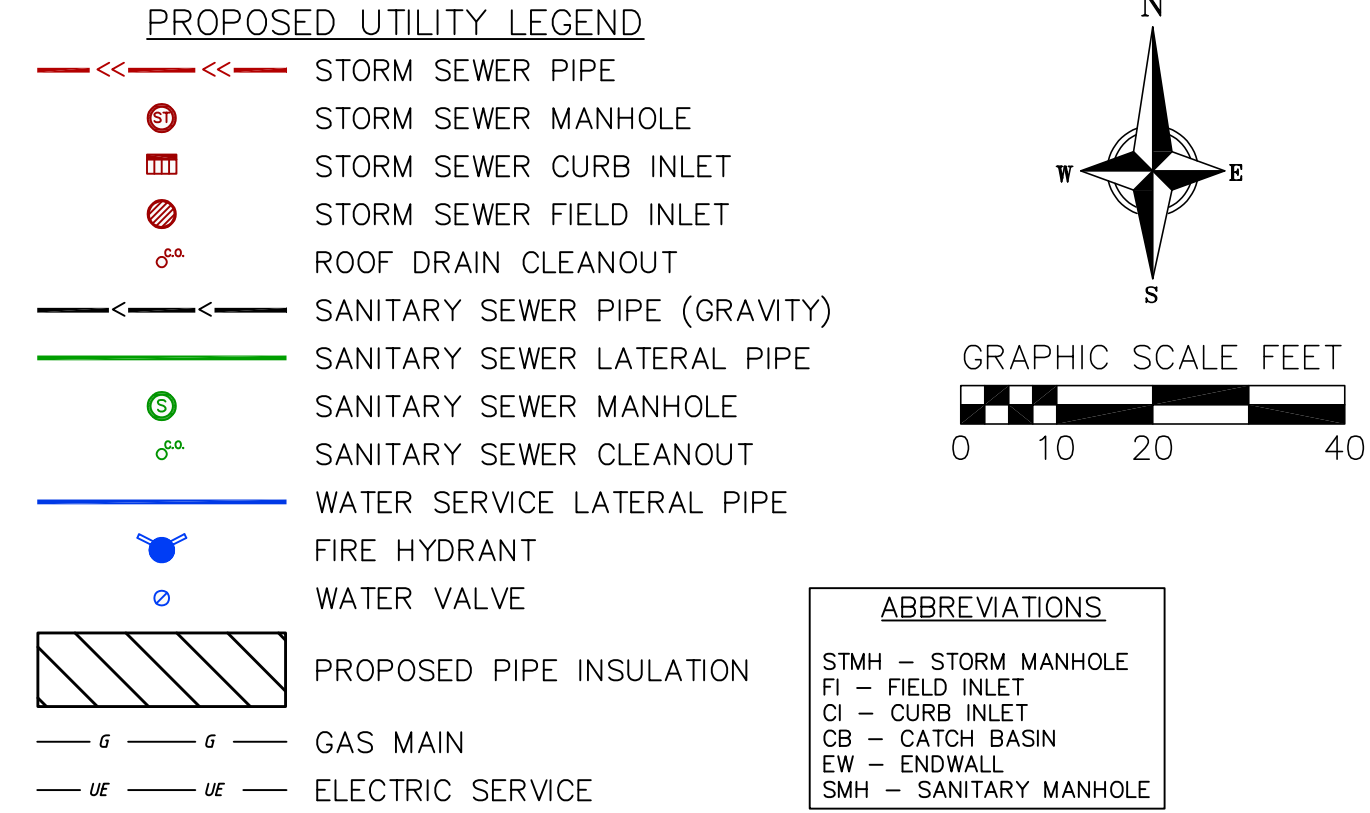
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PROJECT MANAGER MO
PROJECT NUMBER 720448-01

EROSION CONTROL
PLAN - PHASE 1

C401

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



PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

415 N. LAKE STREET
MADISON, WI 53715

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
08-24-2023	SCHEMATIC DESIGN PH1
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09-01-2023	DESIGN DEVELOPMENT PH2
10-02-2023	CONSTRUCTION DOCUMENTS PH1
04-24-2024	PH1_CB05
07-19-2024	PH1_CB09

KEY PLAN

vierbicher
planners | engineers | advisors
Phone: (608) 261-3898

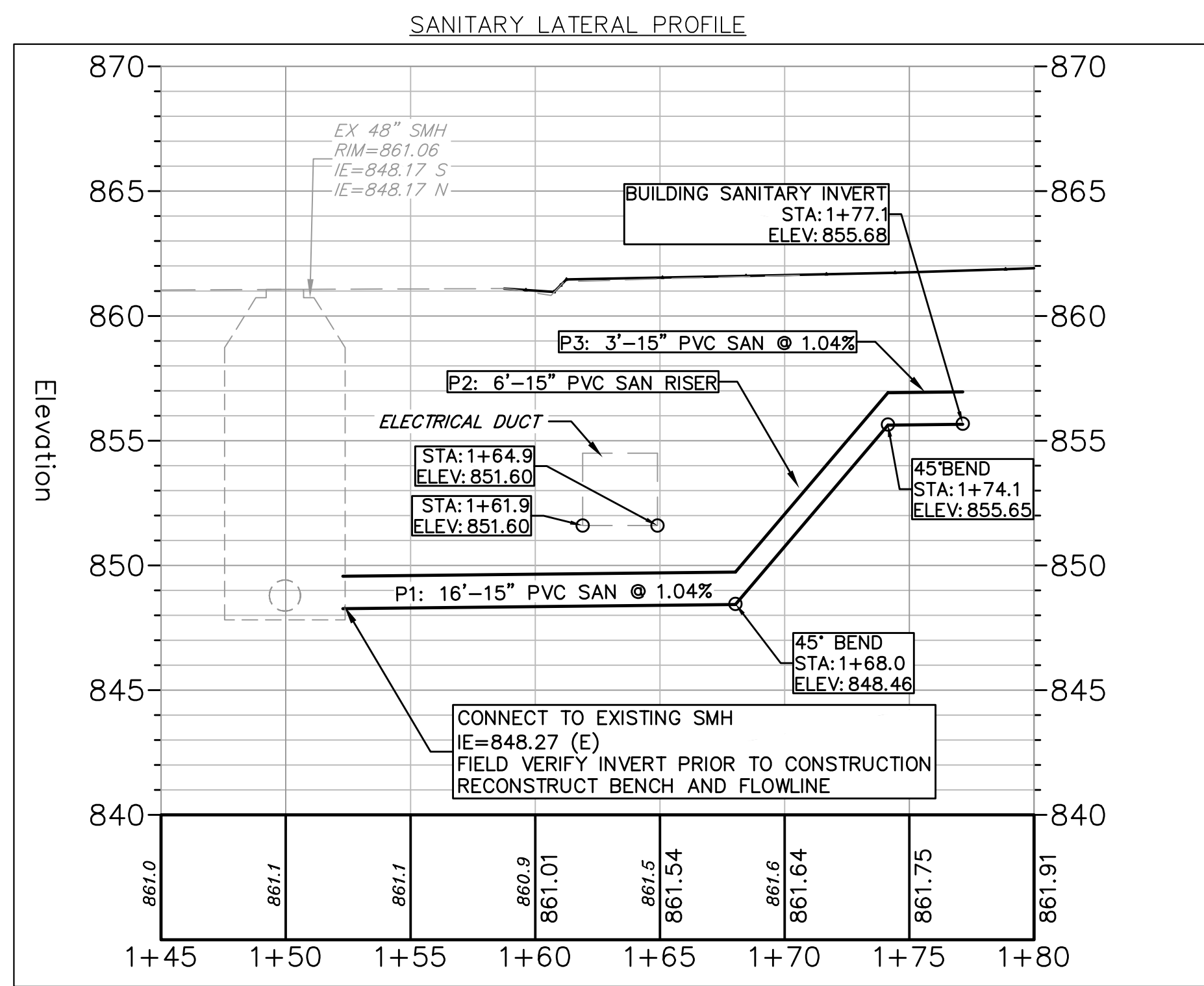
SHEET INFORMATION

PROGRESS DOCUMENTS
NOT FOR CONSTRUCTION

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:

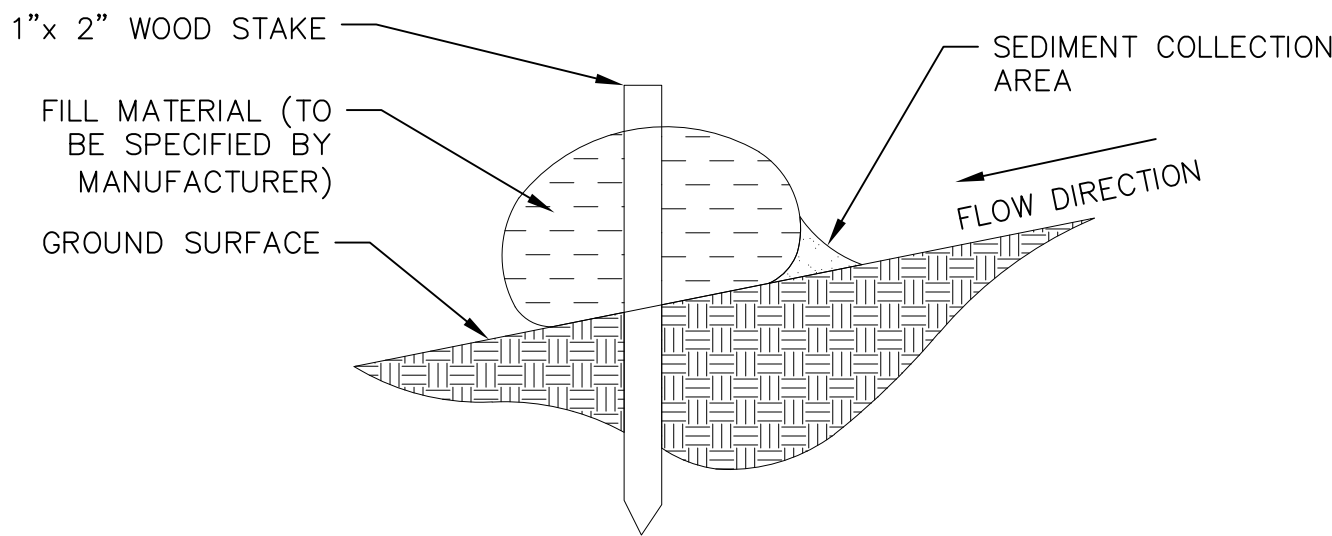
TEMPORARY AND PERMANENT:

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

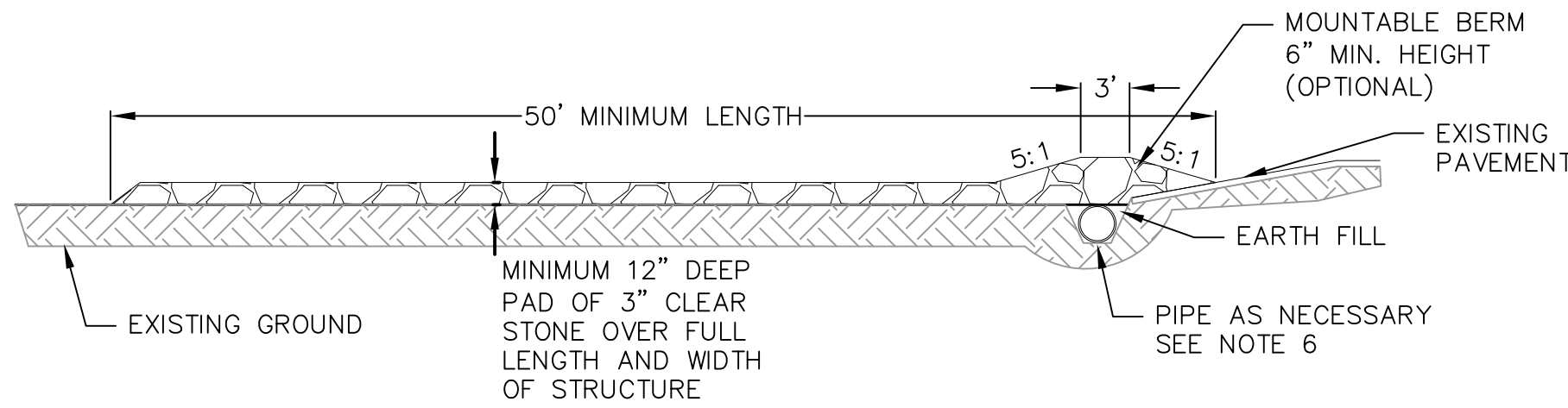
MULCHING RATES:

TEMPORARY AND PERMANENT:

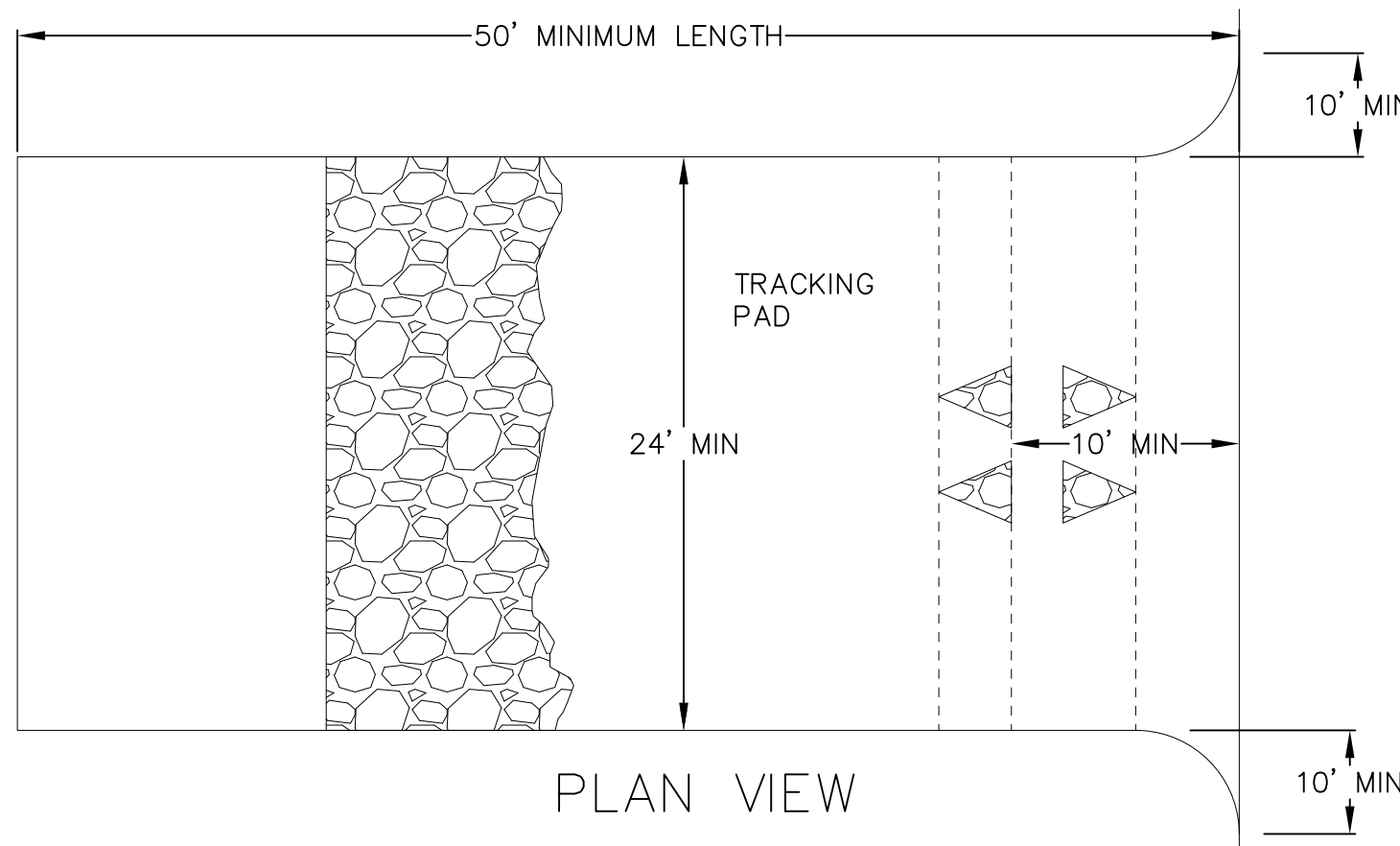
USE ½" TO 1-½" STRAW OR HAY MULCH, CRIMPED PER SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION



1 SILT SOCK
1 NOT TO SCALE



PROFILE VIEW



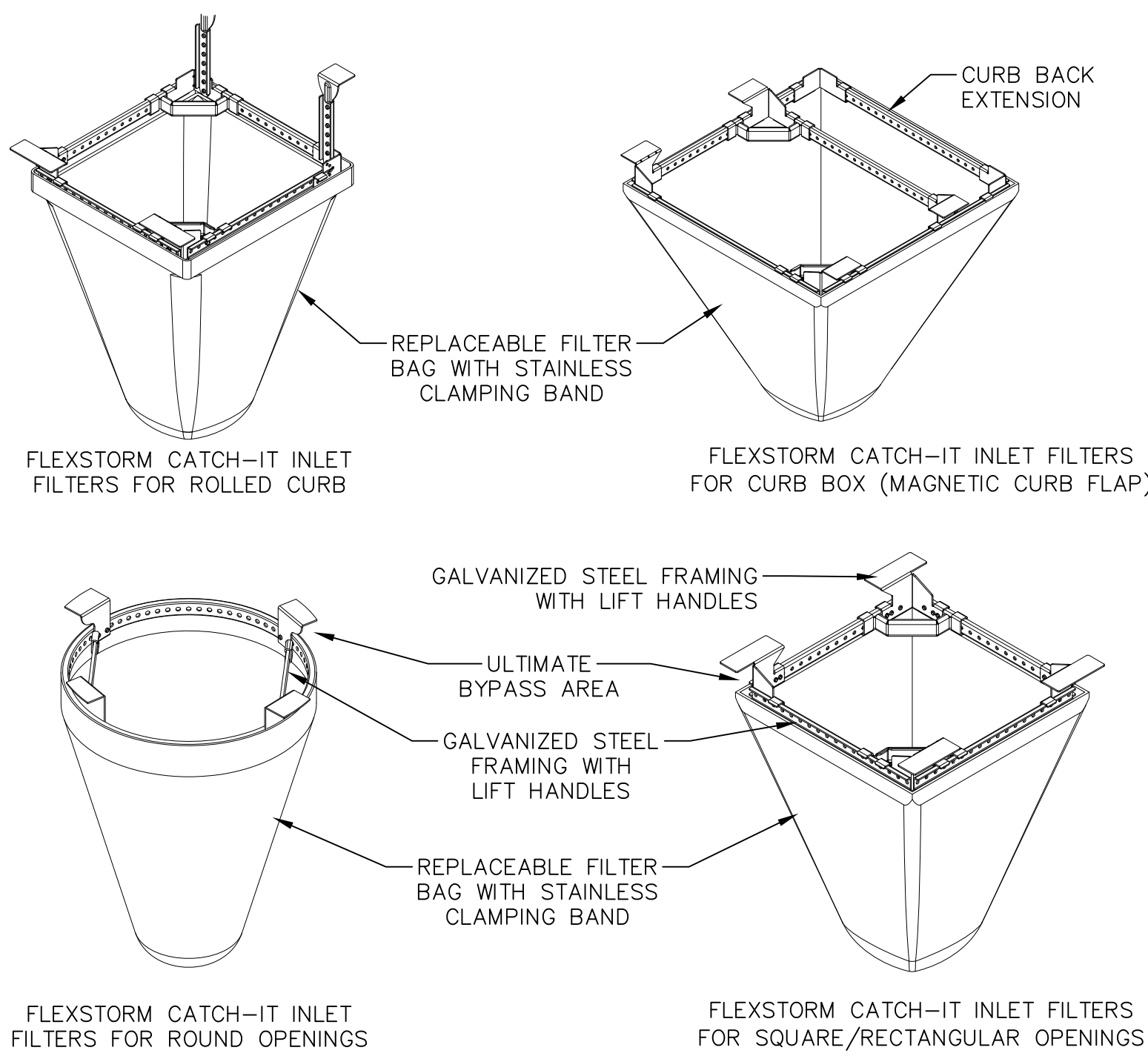
PLAN VIEW

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 TRACKING PAD
1 NOT TO SCALE

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.



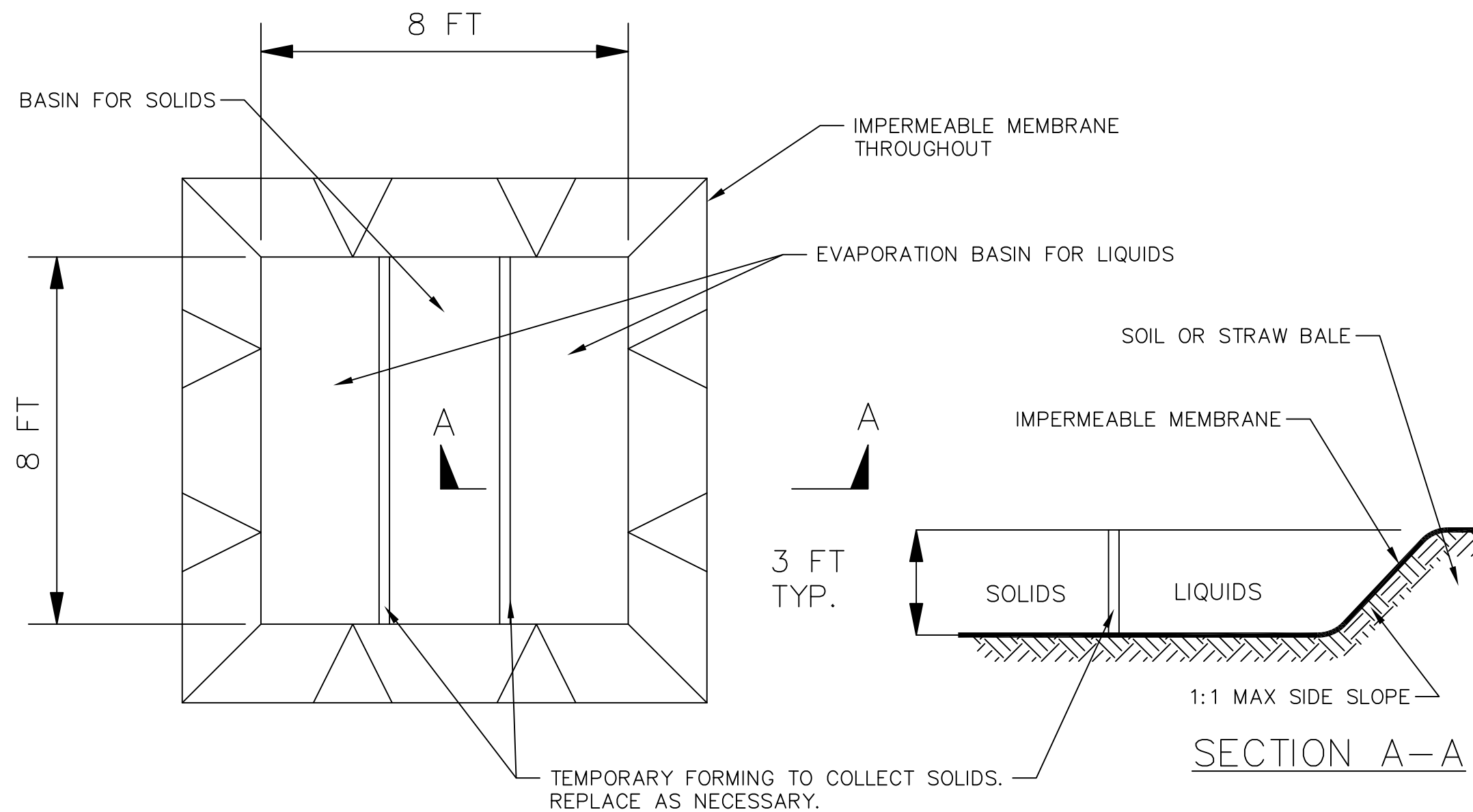
NOTES:

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 FRAMED INLET PROTECTION
1 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

1 TEMPORARY CONCRETE WASHOUT
1 NOT TO SCALE

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
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

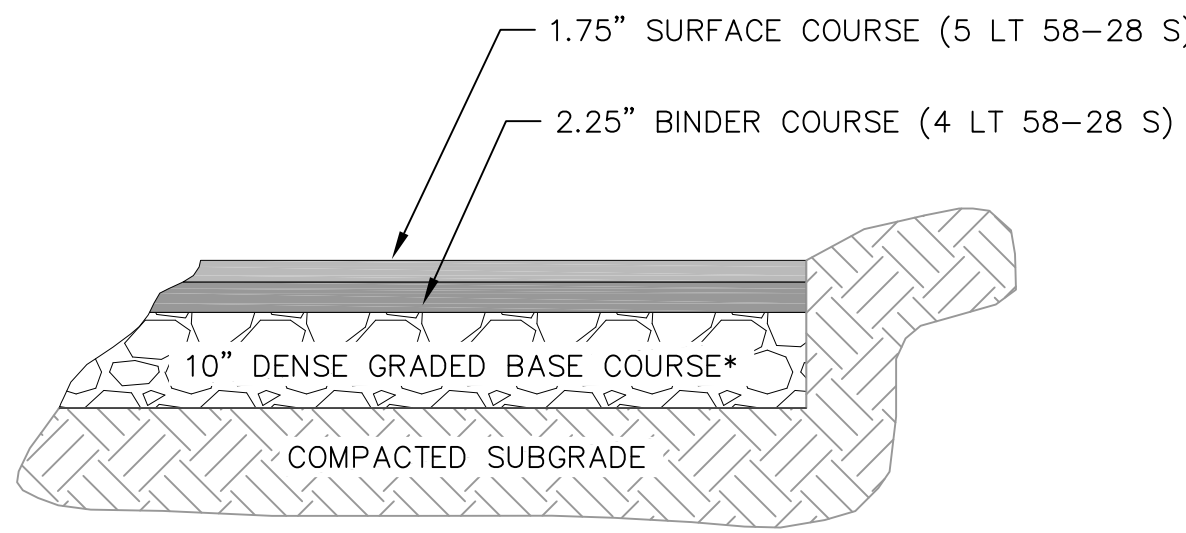
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PROJECT MANAGER MO
PROJECT NUMBER 720448-01

DETAILS 1

C600

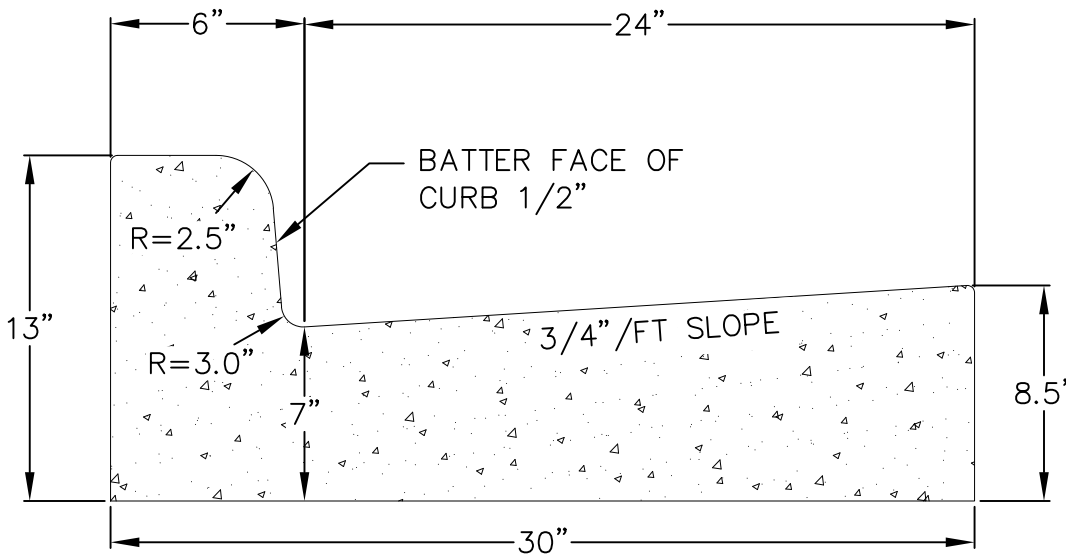
E



*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

D



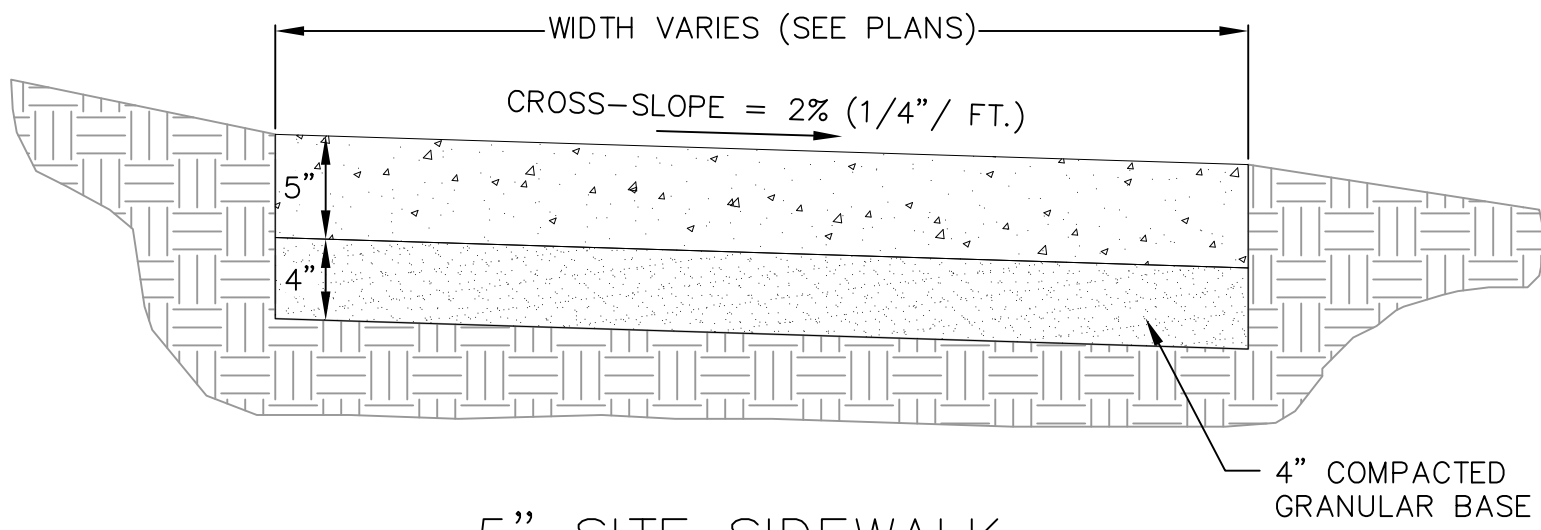
CURB AND GUTTER
CROSS SECTION

C

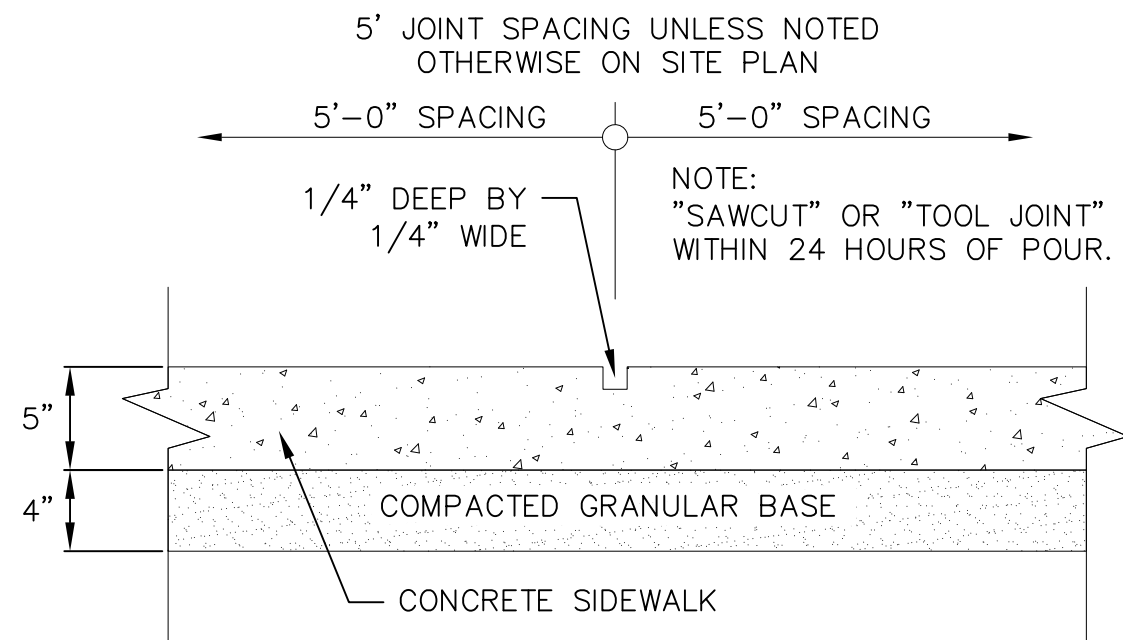


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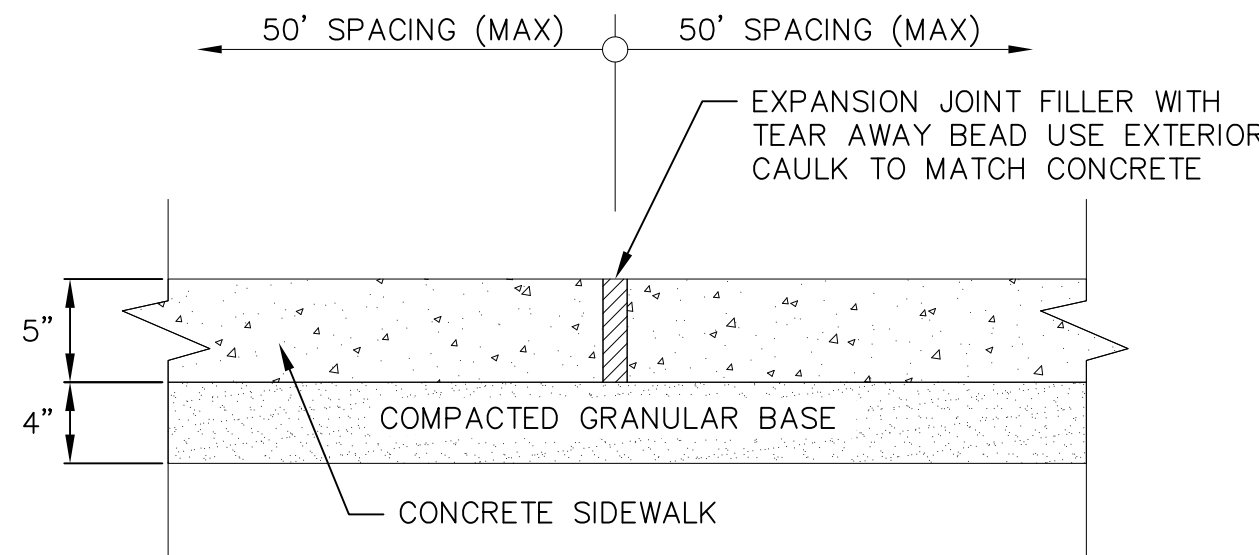
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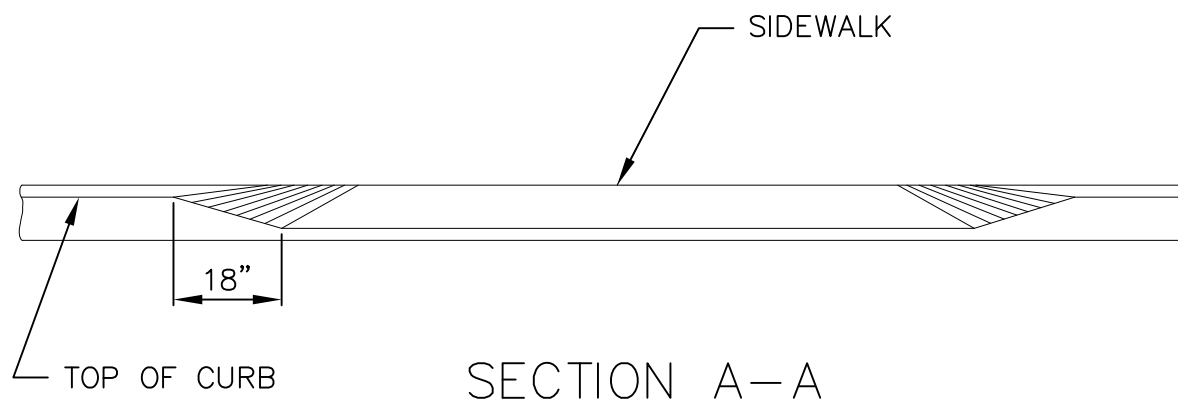
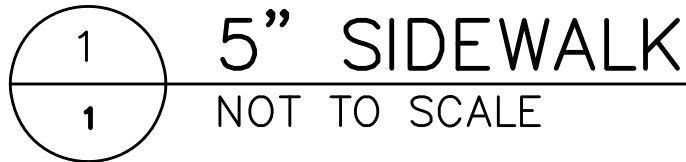
5" SITE SIDEWALK



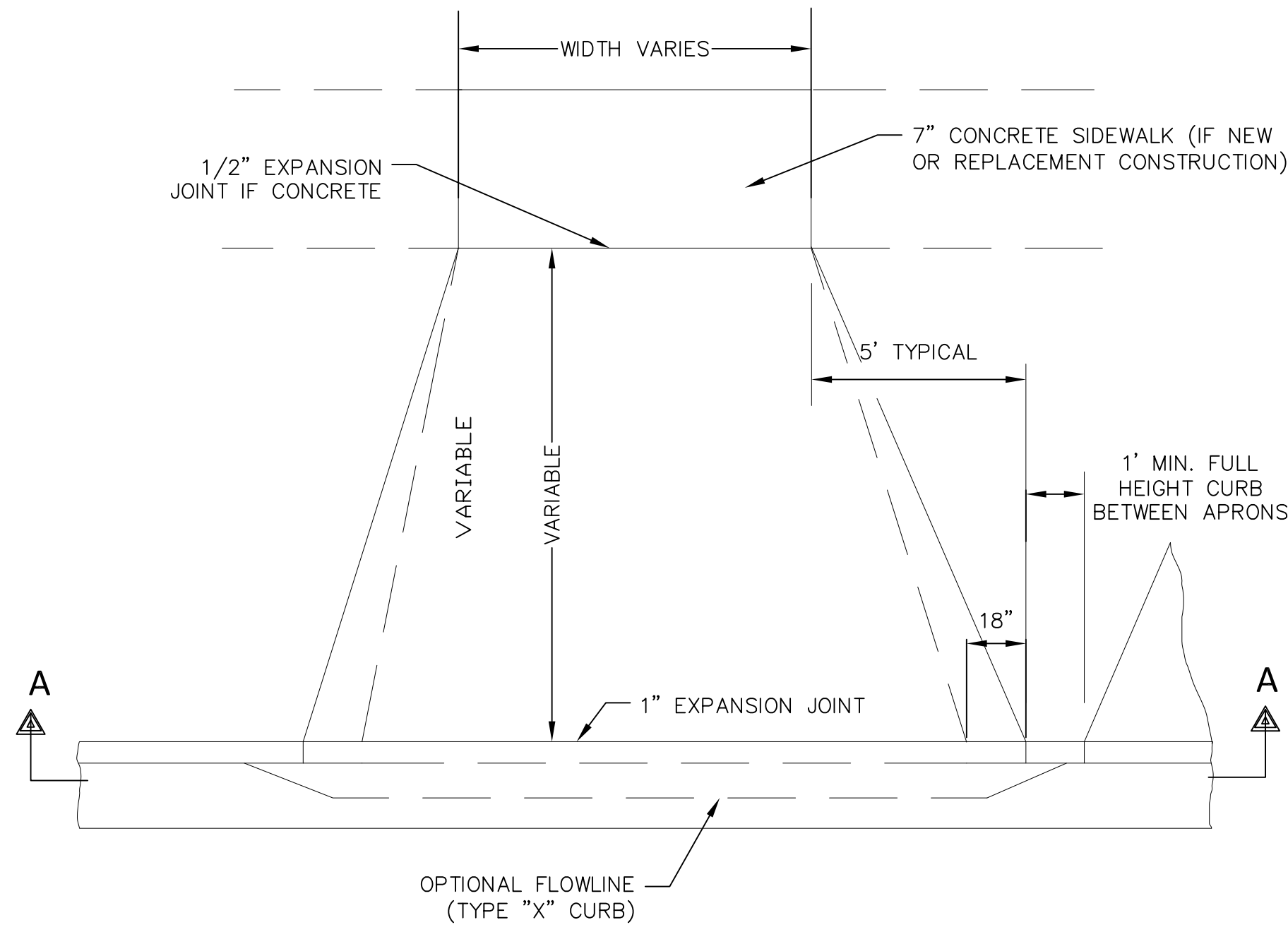
SIDEWALK CONTROL JOINT



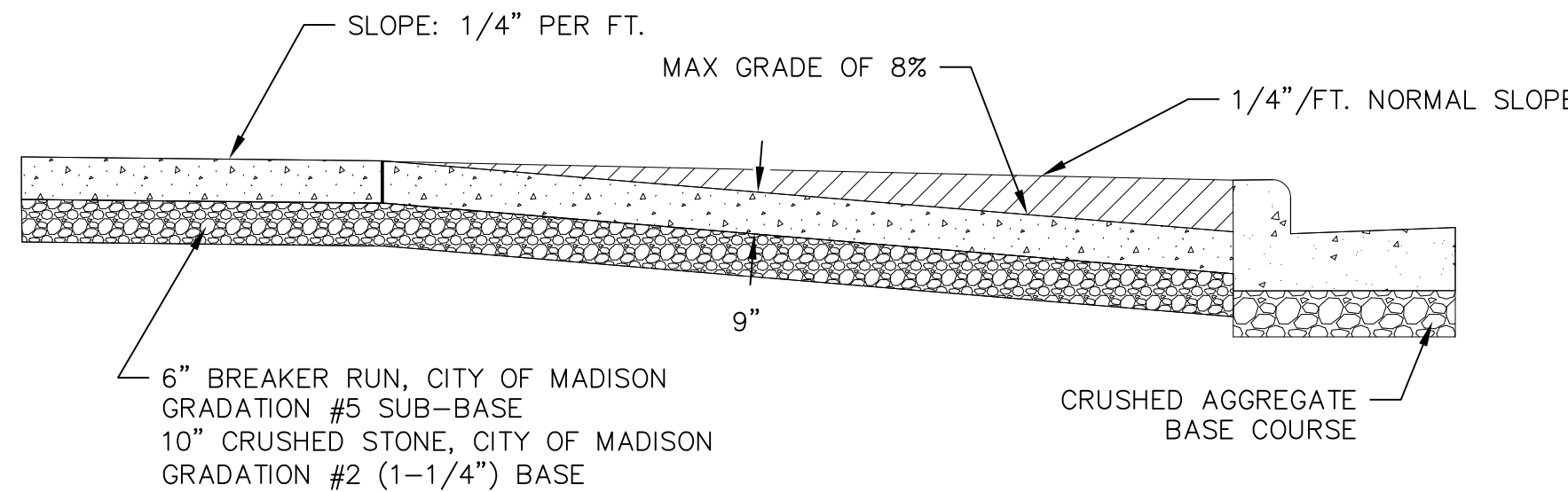
SIDEWALK EXPANSION JOINT



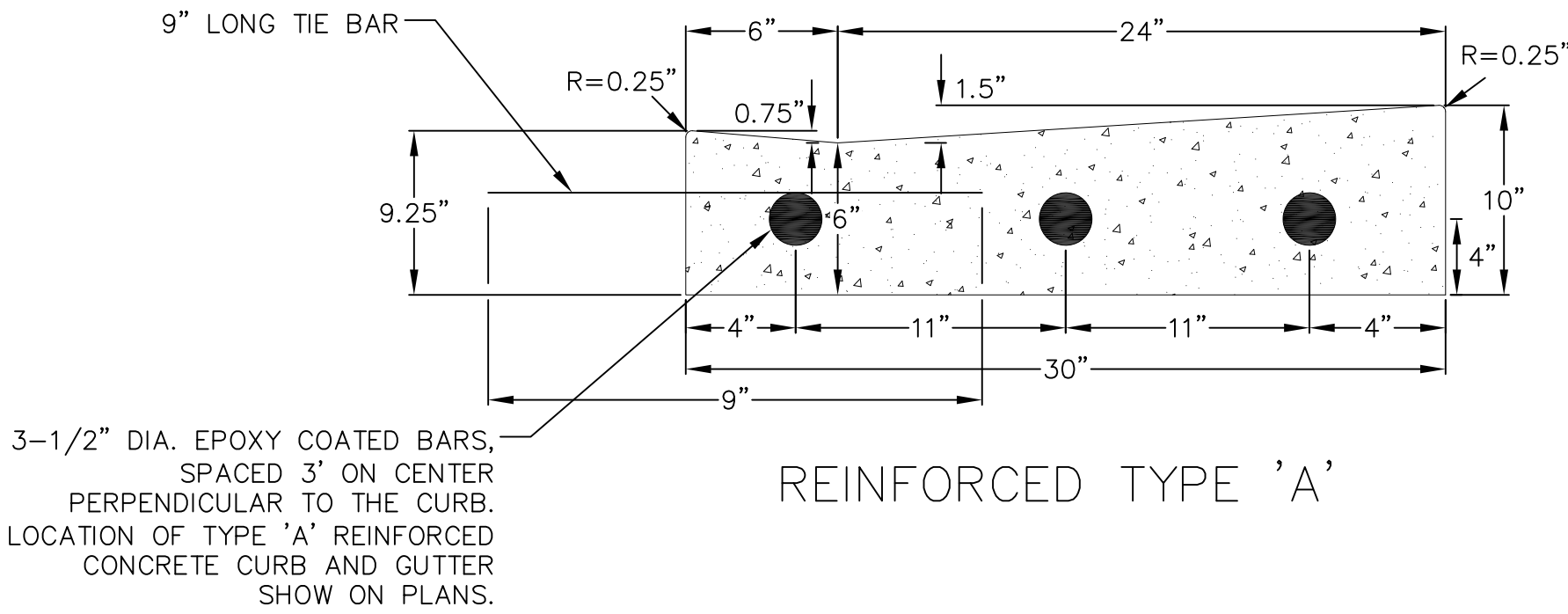
SECTION A-A



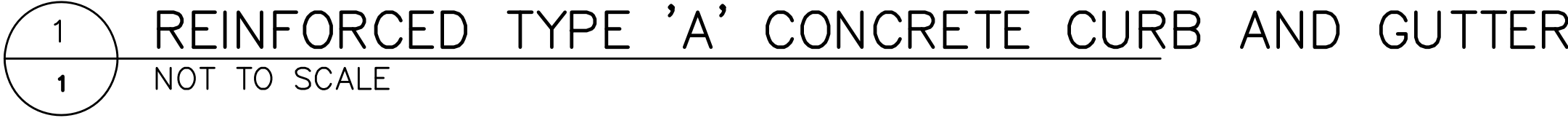
PLAN



PROFILE



REINFORCED TYPE 'A'



E

PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

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

C

KEY PLAN

B

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.

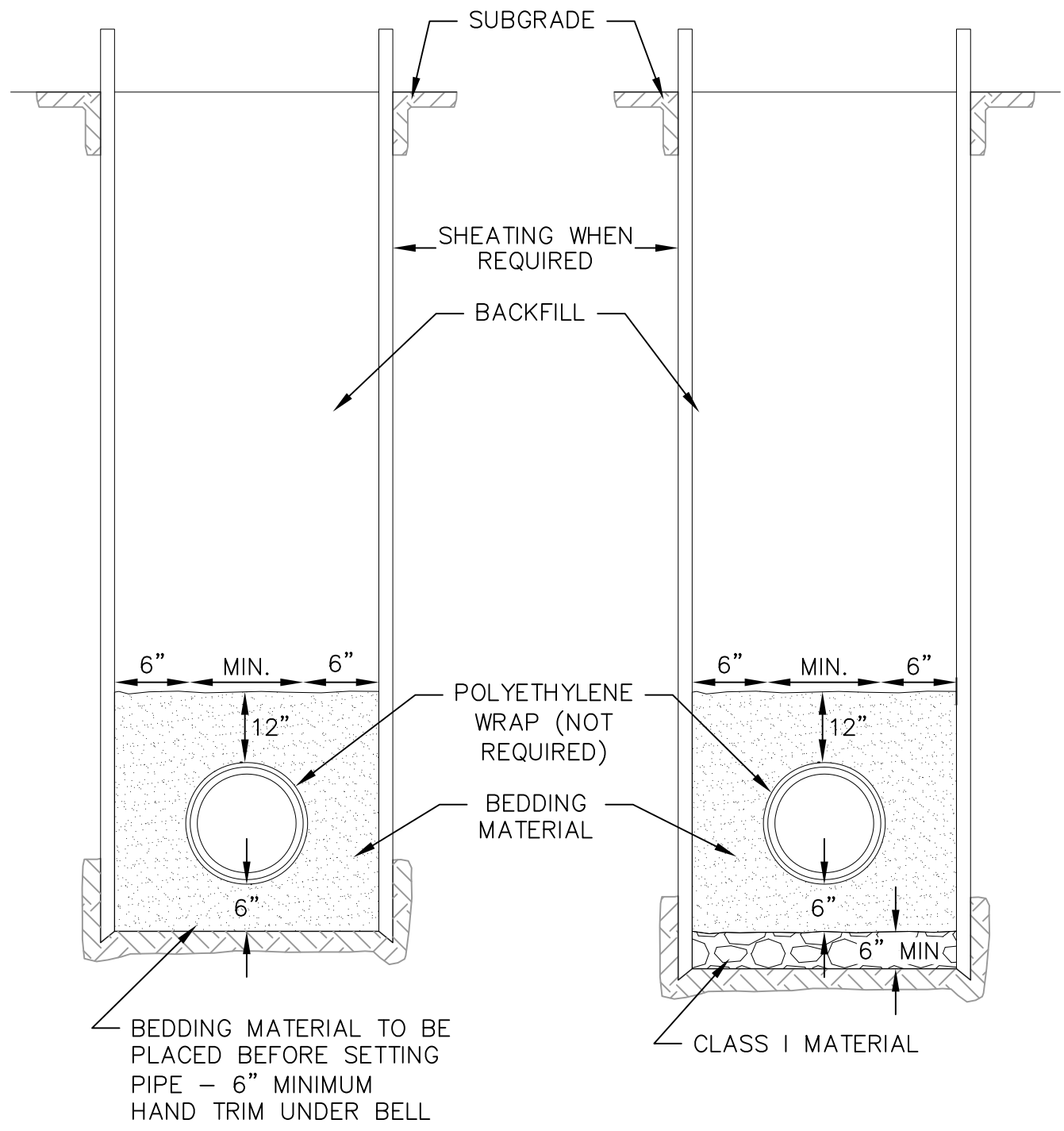
PROJECT MANAGER MO
PROJECT NUMBER 720448-01

DETAILS 2

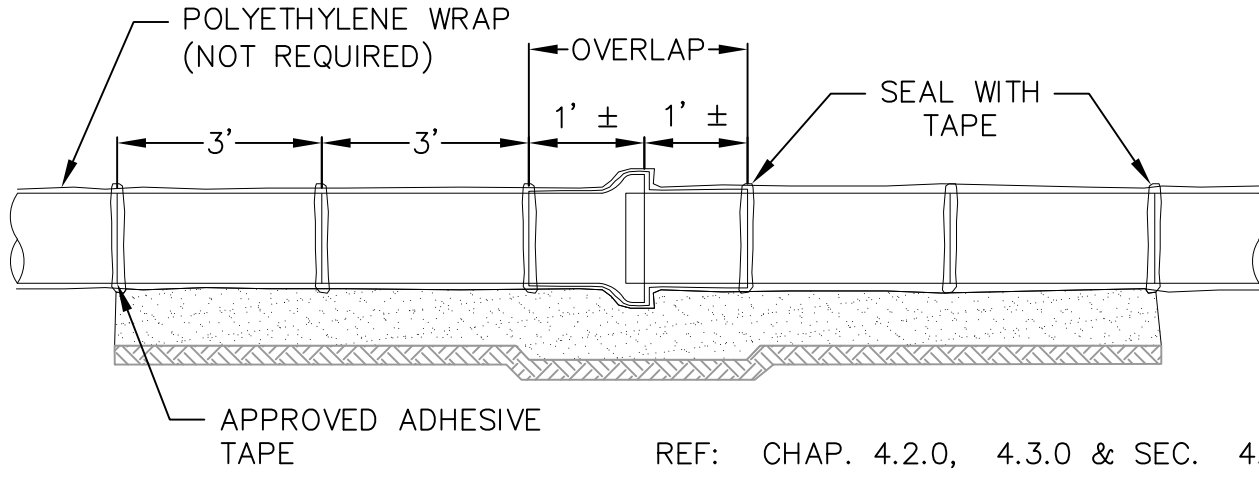
C601

E

D



DRY TRENCH CONDITION WET OR UNSTABLE CONDITION



11

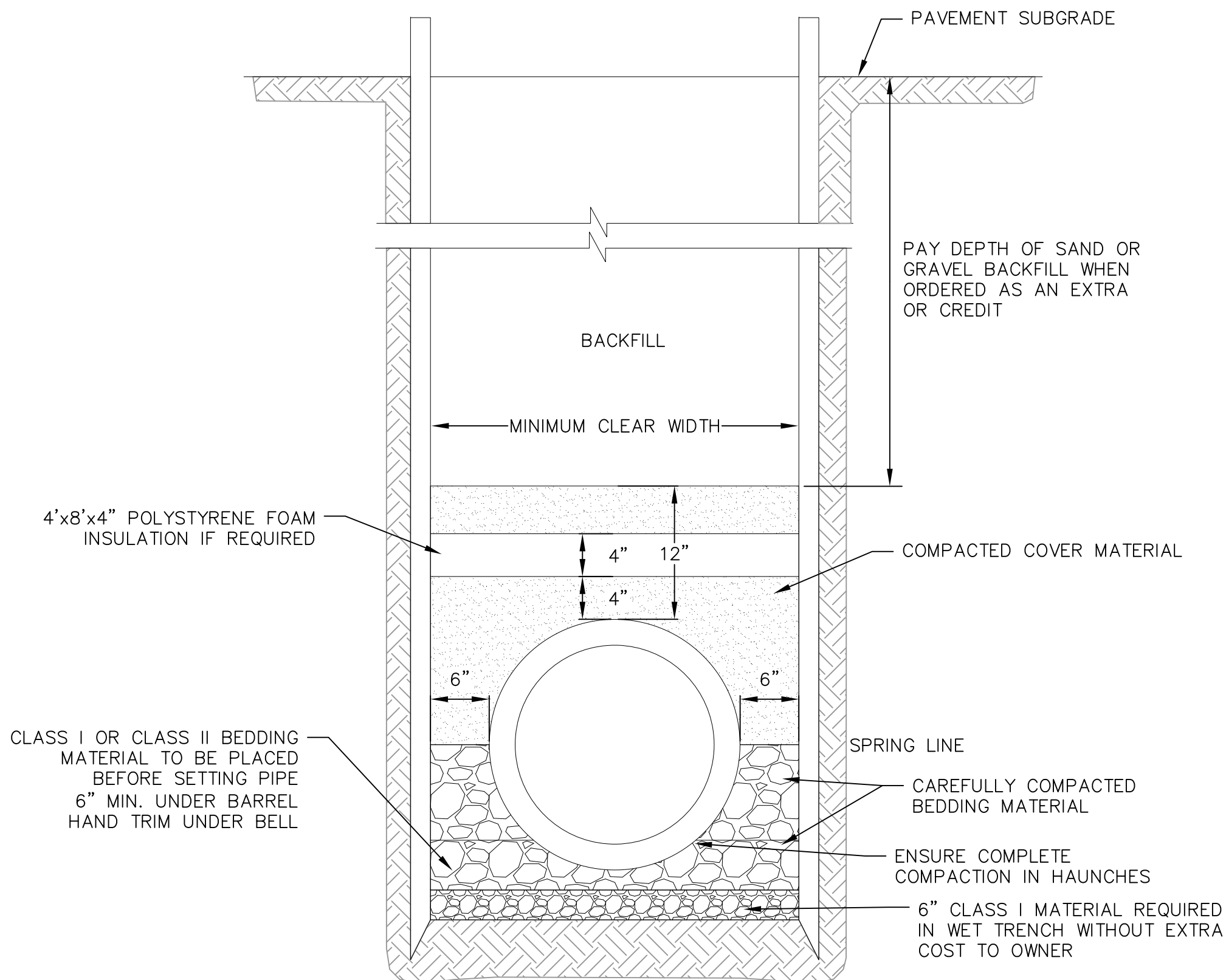
STANDARD WATER MAIN TRENCH SECTION

NOT TO SCALE

C

B

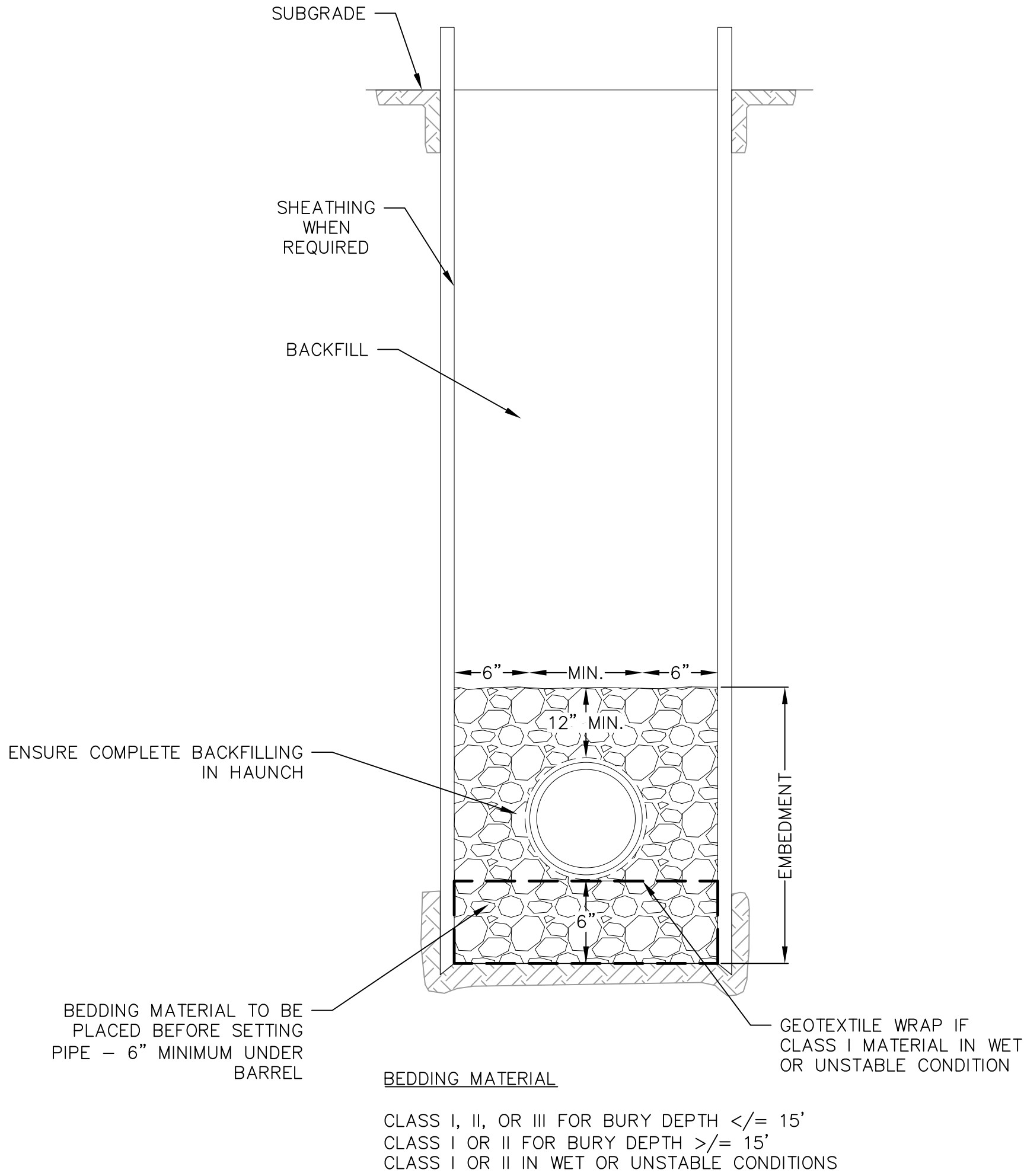
A



11

CLASS B RIGID PIPE TRENCH SECTION

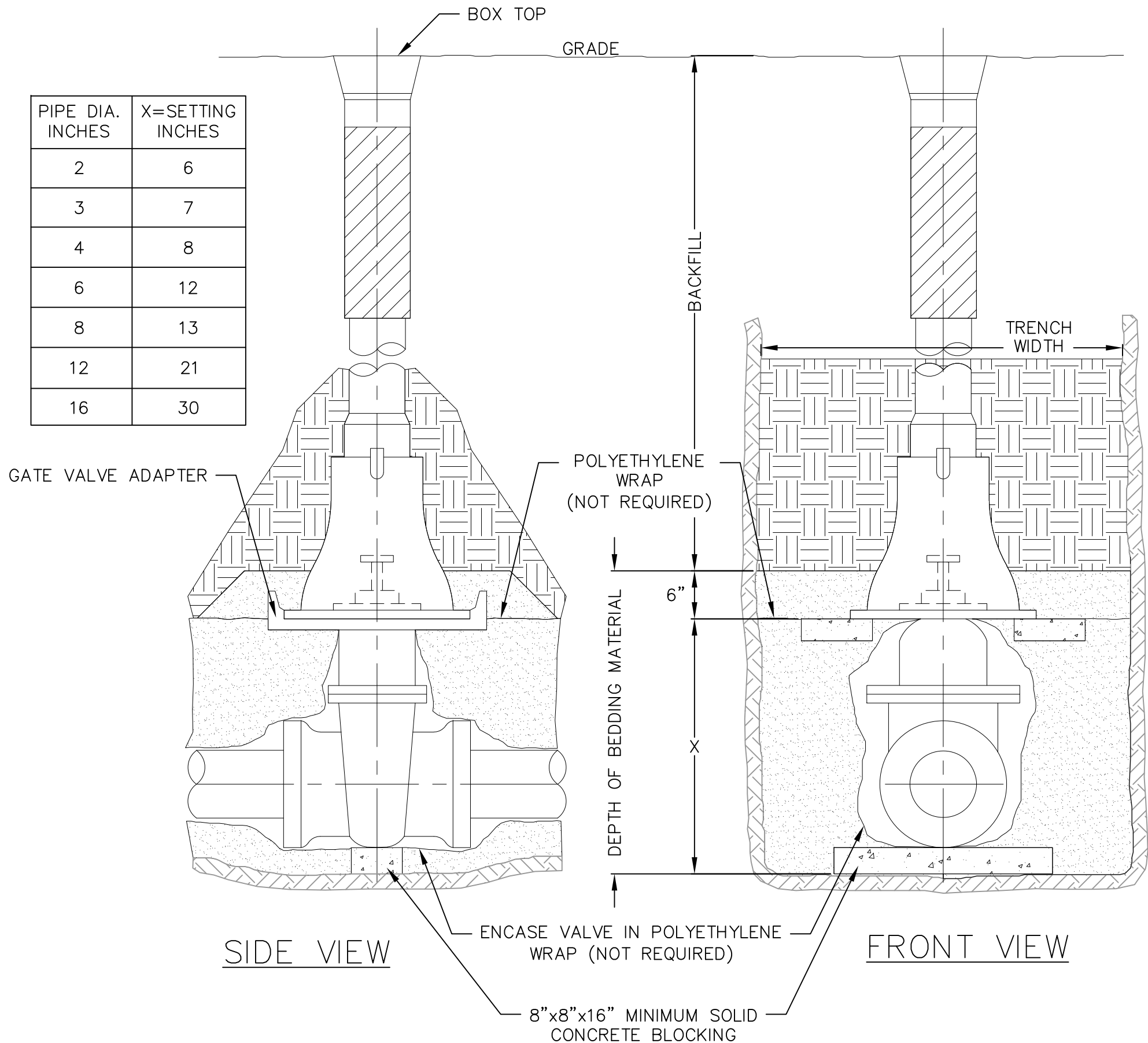
NOT TO SCALE



11

STANDARD SANITARY TRENCH SECTION

NOT TO SCALE



11

STANDARD GATE VALVE BOX SETTING

NOT TO SCALE

E

D

CITY OF MADISON, STATE STREET CAMPUS
GARAGE MIXED-USE PROJECT, CONTRACT
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dated 10/2/2023

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10-02-2023	CONSTRUCTION DOCUMENTS PH1

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planners | engineers | advisors
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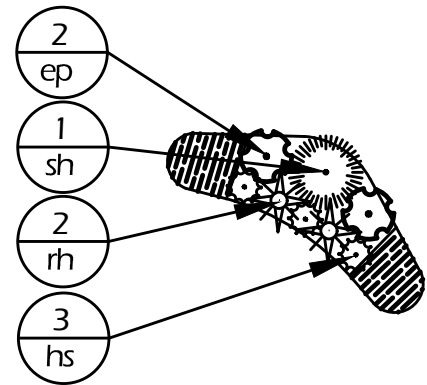
PROJECT MANAGER
PROJECT NUMBER

DETAILS 3

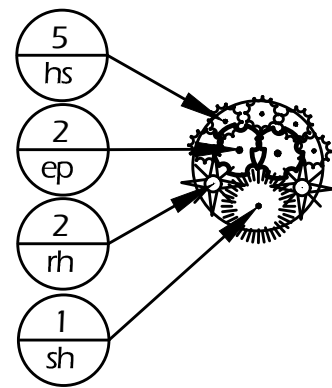
C602

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 PLANTER TYPE B MATERIAL
L 1.0 NTS



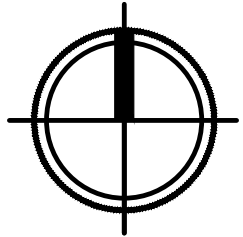
4 PLANTER TYPE A MATERIAL
L 1.0 NTS

City of Madison Landscape Worksheet						
Project Name: State Street Campus Garage Mixed-Use						
Address: 415 Lake Street						
Date: 8/2/2023						
Zoning: UMX						
Total Lot Area		SF				
Building		45,433				
Total Square Footage of Developed Area:		42,271				
		3,212	Landscape Units Required	Landscape Points Required		
			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						
Per "seat"	Bench Type A	3	5	2	30	
	Planter Type B	3	5	2	30	
					10	60
TOTAL NEW					0	
TOTAL EX					200	
TOTAL PROVIDED					208	

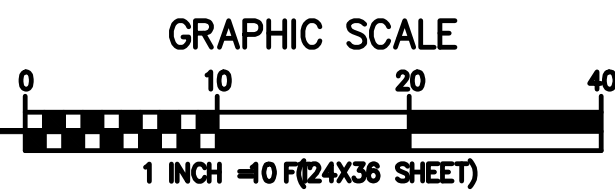
3 LANDSCAPE WORKSHEET
L 1.0 NTS

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

2 STREET TREES PLANTING LIST
L 1.0 NTS



1 LANDSCAPE PLAN
L 1.0



LAKE STREET

1 LPT

1 AGG

1 AGG

LAKE STREET

1 LPT

PLANTER TYPE A, TYP.
SEE DETAIL 5/L1.1

PLANTER TYPE B, TYP.
SEE DETAIL 7/L1.1

COLORLED CONCRETE BAND, TYP.
SEE DETAIL 2/L1.1

BENCH TYPE A, TYP.
SEE DETAIL 4/L1.1

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).

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

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

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
608.686.6508

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

SHEET INFORMATION

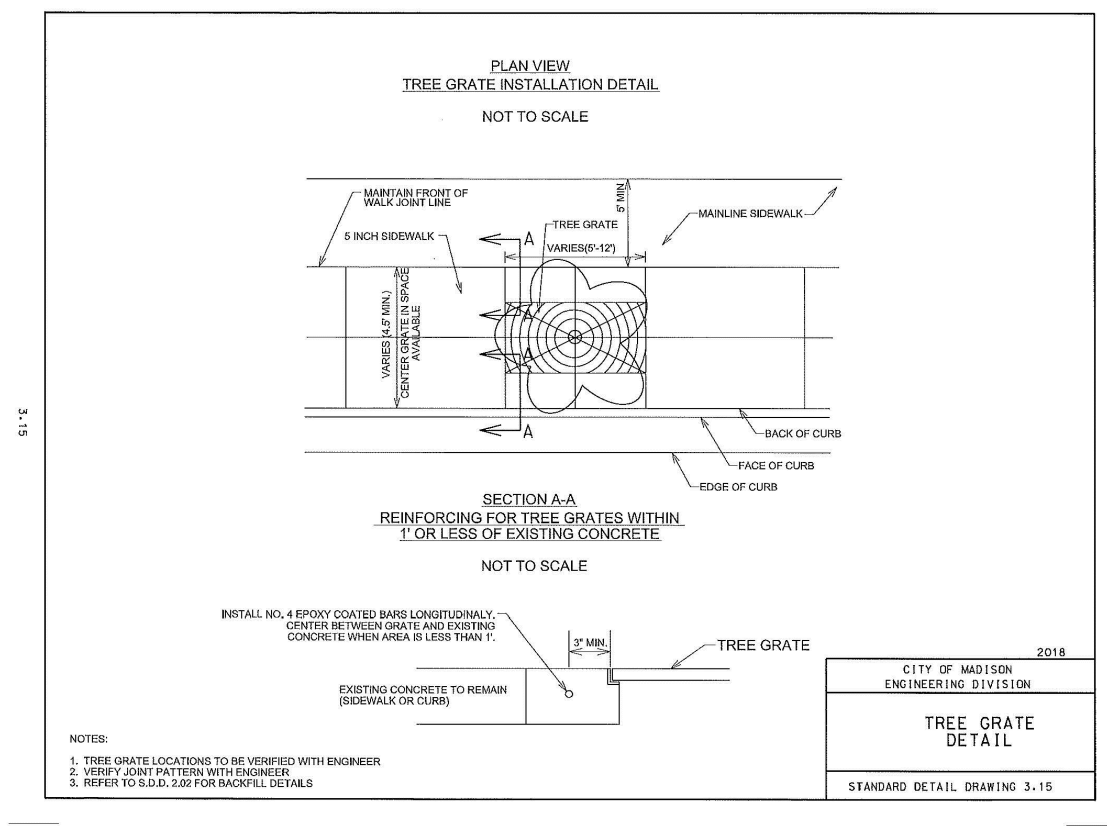
LANDSCAPE PLAN

PROGRESS DOCUMENTS
NOT FOR CONSTRUCTION

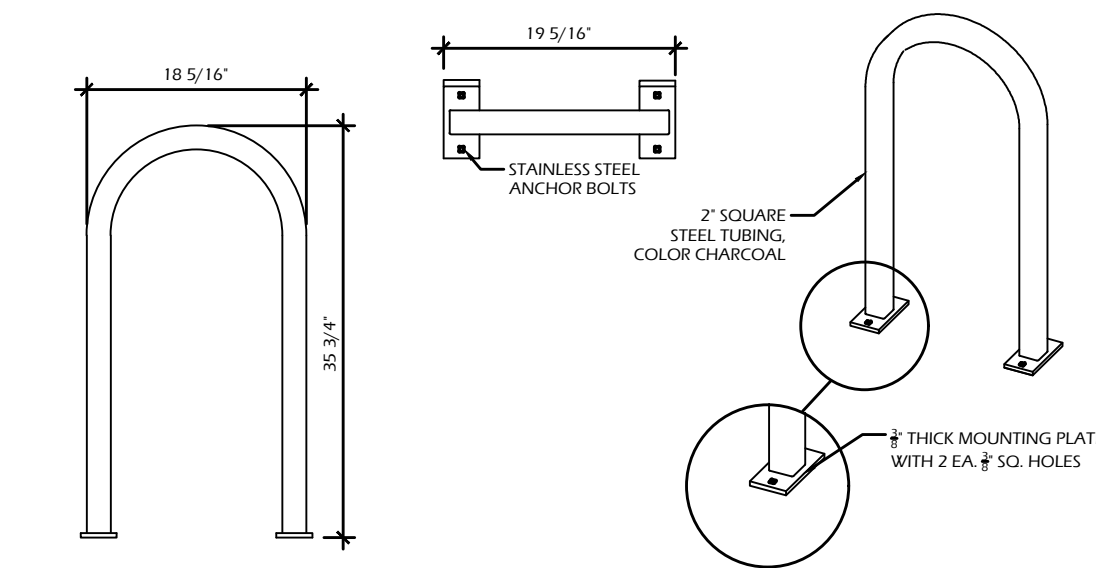
These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and shall not be used for final bidding or construction-related purposes.

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

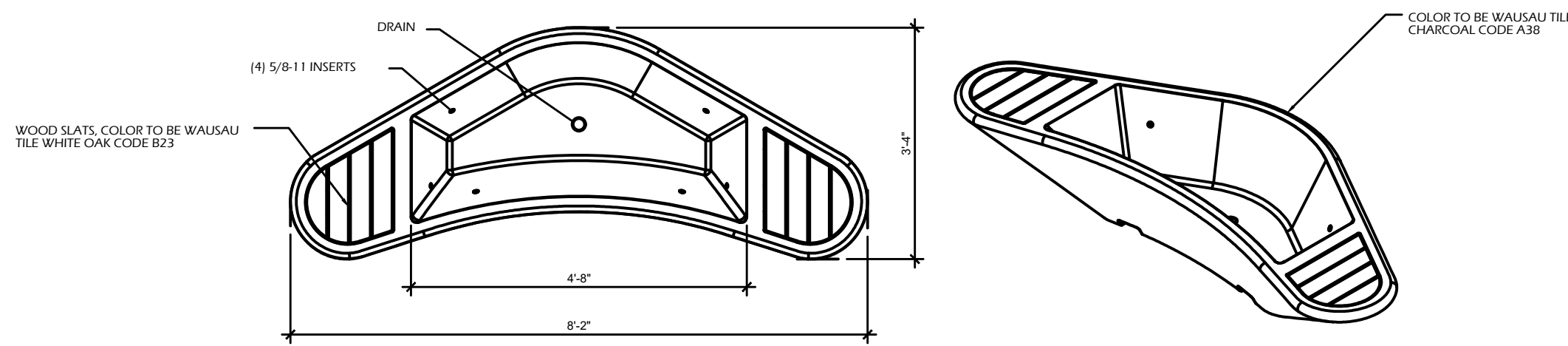
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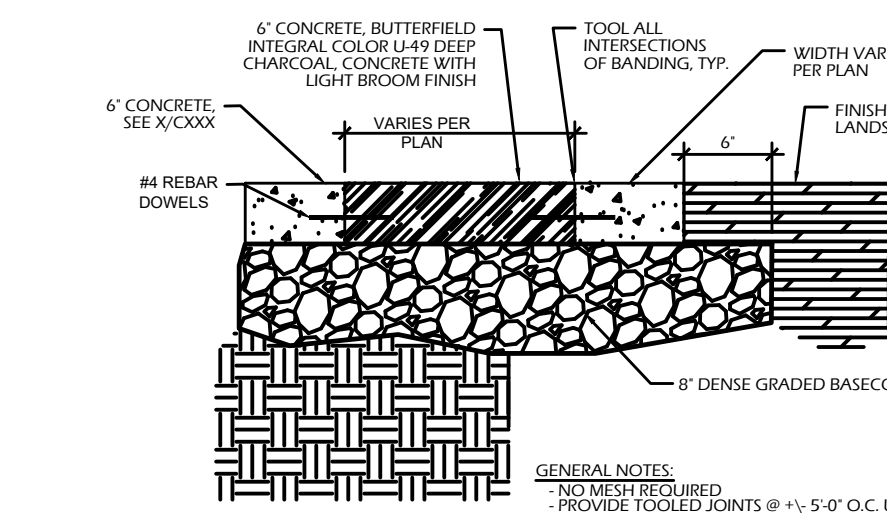
10 TREE GRATE DETAIL
L 1.1 NTS



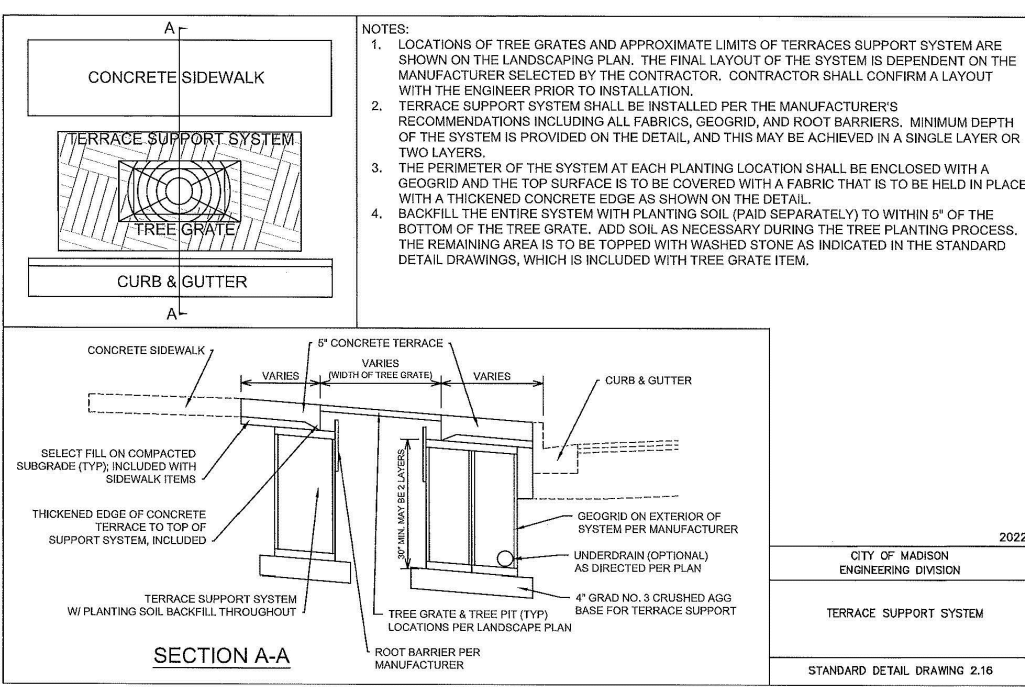
3 BICYCLE PARKING
L 1.1 NTS



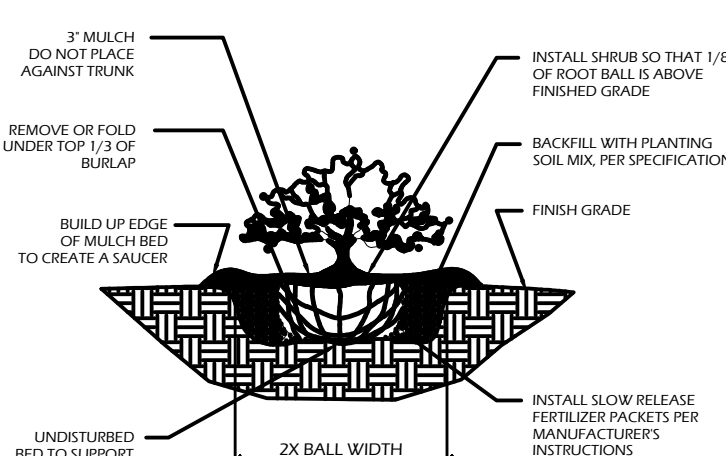
5 PLANTER TYPE B
L 1.1 NTS



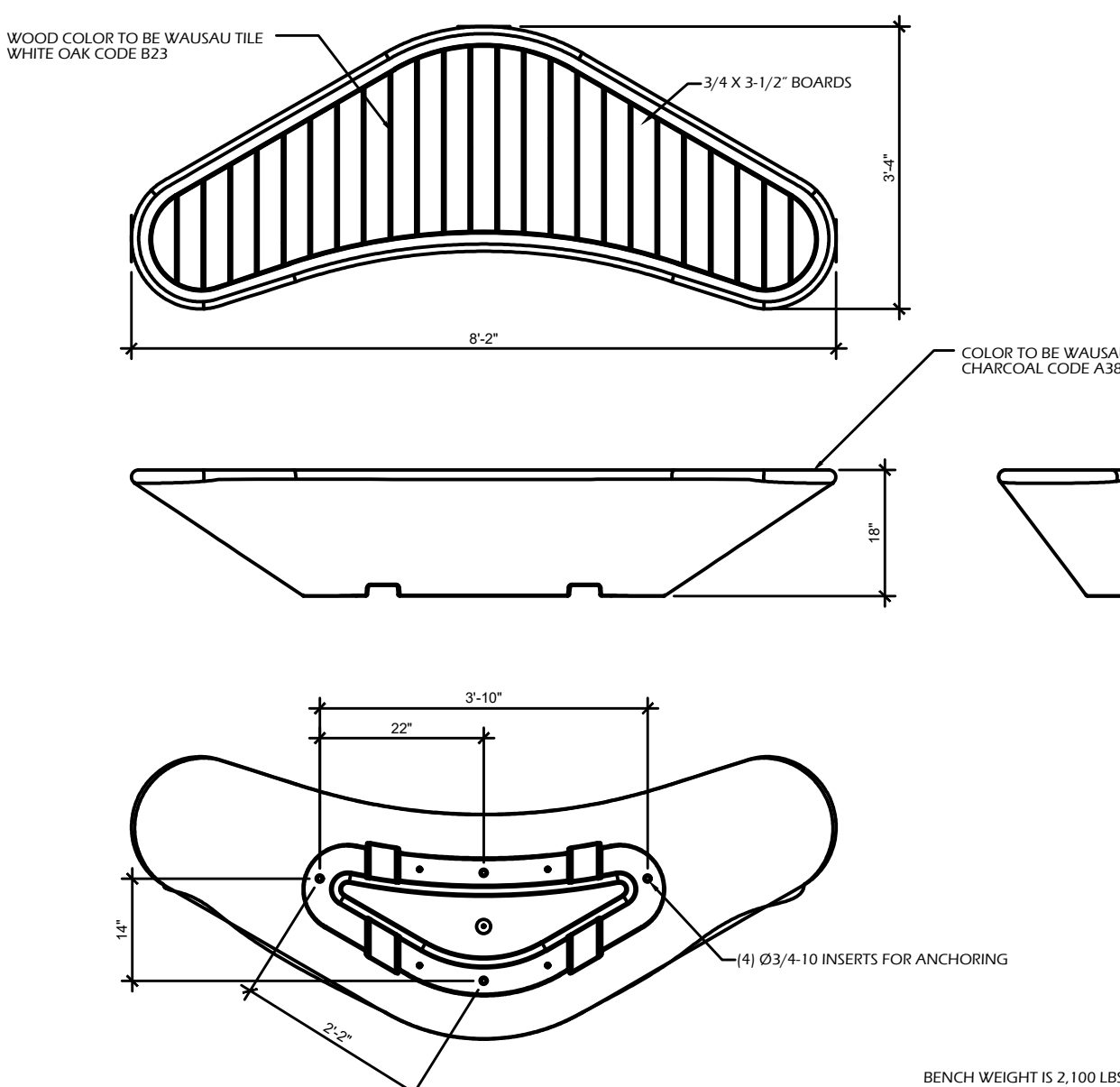
2 COLORED CONCRETE BAND
L 1.1 NTS



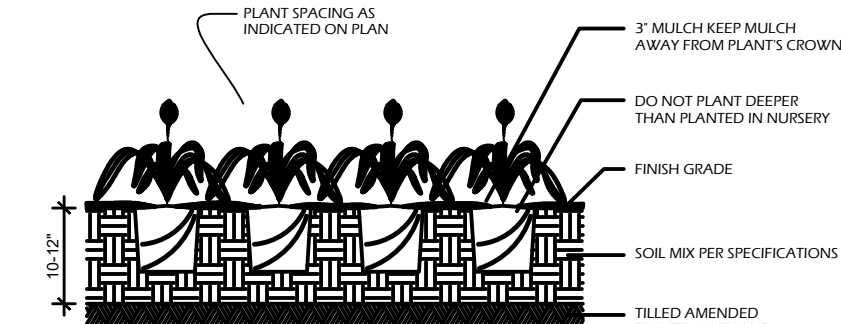
9 TERRACE SUPPORT SYSTEM
L 1.1 NTS



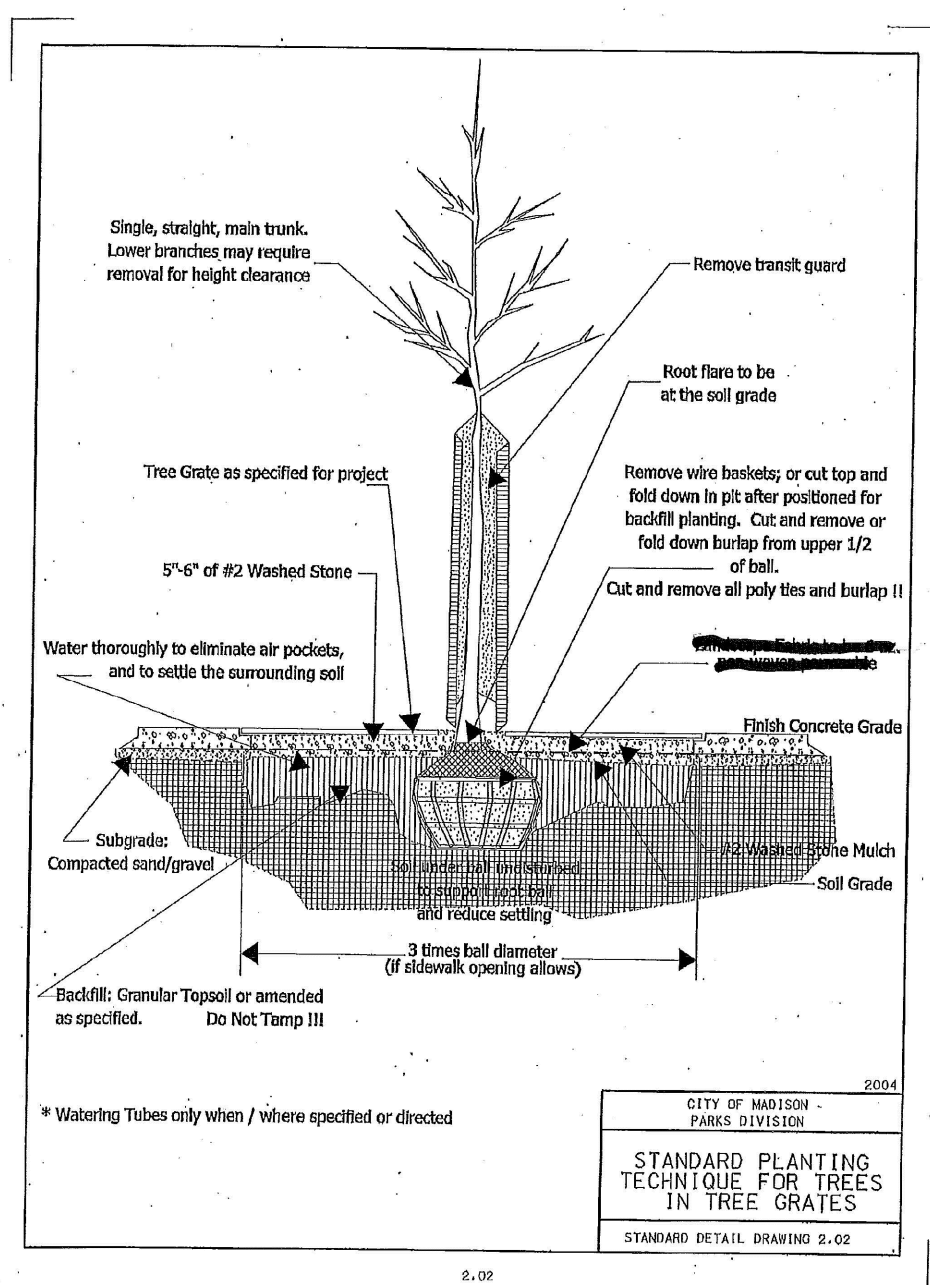
7 SHRUB PLANTING
L 1.1 NTS



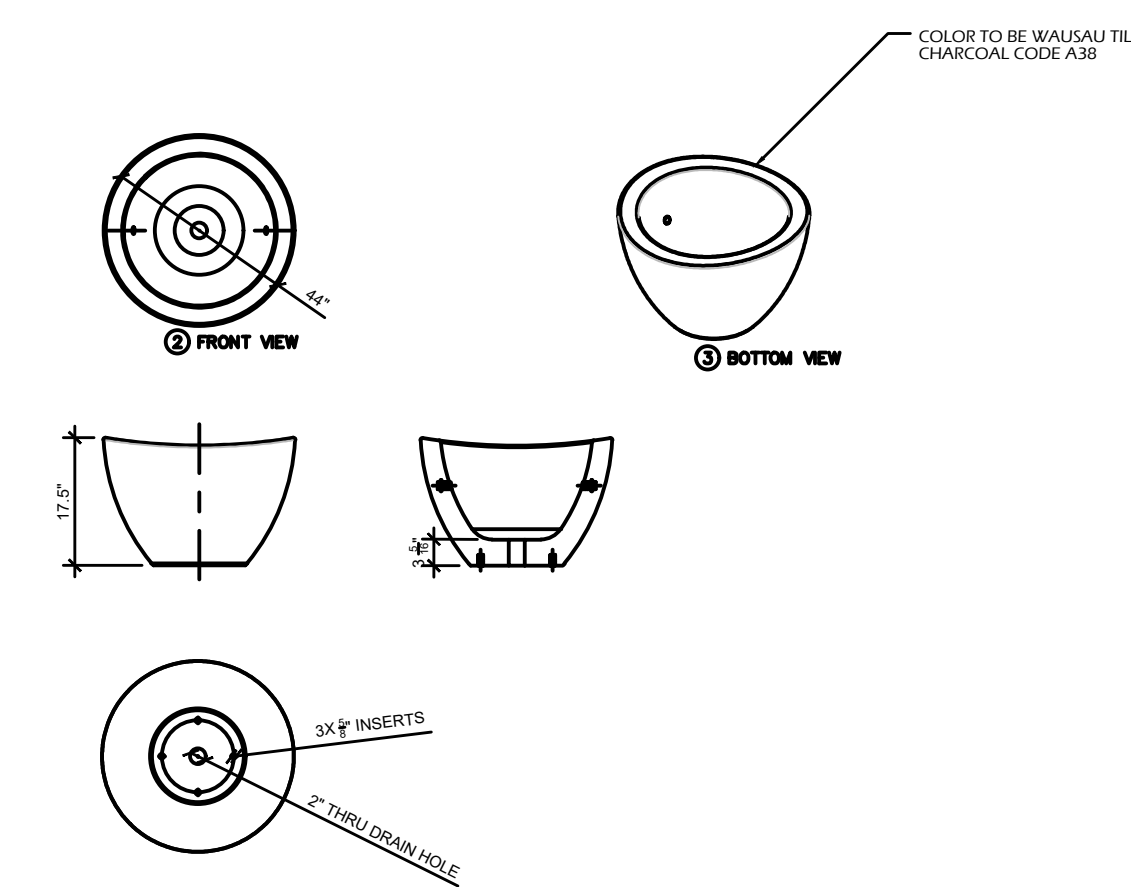
4 BENCH TYPE A
L 1.1 NTS



1 PERENNIAL PLANTING
L 1.1 NTS



8 TREE PLANTING DETAIL
L 1.1 NTS



6 PLANTER TYPE A
L 1.1 NTS

- GENERAL NOTES:**
- ALL MATERIALS, CONSTRUCTION, AND DETAILS SHALL CONFORM TO THE FOLLOWING:
PLANS AND SPECIFICATIONS
CODE AS SPECIFIED IN DESIGN DATA
 - 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.
 - 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.
 - DETAILS SHOWN ON STRUCTURAL DRAWINGS SHALL BE APPLICABLE TO ALL PORTIONS OF THE CONTRACT DOCUMENTS UNLESS NOTED OTHERWISE.
 - NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS.
 - DO NOT SCALE PLANS.
 - IN NO CASE SHALL STRUCTURAL ALTERATIONS OR WORK AFFECTING A STRUCTURAL MEMBER BE MADE UNLESS APPROVED BY THE STRUCTURAL ENGINEER.
 - IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND PROVIDE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES REQUIRED 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 BUILDINGS 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.
 - 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.
 - 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.
 - NO PROVISIONS HAVE BEEN MADE IN THE DESIGN OF THIS STRUCTURE FOR FUTURE EXPANSION, UNLESS SPECIFICALLY NOTED ON PLAN.
 - 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 CONTRACTOR TO ACHIEVE THE PERFORMANCE CHARACTERISTICS INDICATED IN THE GEOTECHNICAL REPORT.

- FOUNDATION AND EARTHWORK:**
- 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.
 - THE CONTRACTOR AND THE CONTRACTOR'S TESTING AGENT SHALL CONFIRM INSTALLATION AND CONSTRUCTION OF FOUNDATIONS IS COMPLETED IN CONFORMANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
 - CENTER PIERS AND FOUNDATIONS UNDER COLUMN / WALL CENTERLINES UNLESS NOTED OTHERWISE.
 - 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 SLAB, BEAMS, AND SLAB-ON-GROUND FRAMING INTO THE WALL HAVE ATTAINED 100% OF THEIR DESIGN STRENGTH. BACKFILL SIMULTANEOUSLY ON BOTH SIDE OF FOUNDATION AND STEM WALLS.
 - 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.

- 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 NEIGHBORING 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.
- 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.
- THE CONTRACTOR'S SOIL TESTING LABORATORY SHALL REVIEW AND CONTINUOUSLY MONITOR THE EXCAVATION, DEWATERING AND SOIL RETENTION SYSTEMS. THE CONTRACTOR SHALL INSTALL AND CONTINUOUSLY SURVEY
- 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.
- 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.
- 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.
- ENGINEERED FILL MATERIALS OR LEAN CONCRETE SHALL BE PROVIDED AND INSTALLED PER THE GEOTECHNICAL ENGINEERS RECOMMENDATIONS.
- 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.
- FOUNDATIONS SHALL NOT BE INSTALLED ON FROZEN SUBGRADE.
- 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:**
- 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 OWNER OF DISCREPANCIES AND COORDINATE DIFFERENCES BETWEEN FIELD CONDITIONS AND STRUCTURAL DRAWINGS PRIOR TO PROCEEDING WITH WORK, AND PROVIDE/FABRICATION OF MATERIALS.
 - CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF ANY CONFLICTS WITH CONSTRUCTION DOCUMENTS.
 - 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.
 - 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:**
- 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.
 - 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.
 - REFER TO REINFORCEMENT DEVELOPMENT AND LAP SPlice SCHEDULE FOR LAP SPLICES IN REINFORCING STEEL.
 - 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.
 - ALL HOOKS IN REINFORCING STEEL SHALL BE STANDARD HOOKS, UNO.
 - 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 NO. 18 AND SMALLER	1 1/2"
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: WALLS, JOISTS NO. 11 BAR AND SMALLER BEAMS AND COLUMNS	1"
ELEVATOR CONCRETE SLABS: 2 HOUR OR LESS FIRE RATING - TOP, BOTTOM, AND SIDES 3 HOUR FIRE RATING - TOP, BOTTOM, AND SIDES FLOORING AND CORROSIVE ENVIRONMENTS	3/4" 1" 1 1/2"
 - CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CALCIUM CHLORIDE ARE NOT PERMITTED IN ANY CONCRETE MIX.
 - 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.
 - PROVIDE AN ALLOWANCE FOR 50 FEET OF CRACK REPAIR FOR EACH 10,000 SQUARE FEET OF SLAB AREA DURING AND AFTER CONSTRUCTION.
 - PROVIDE AN ADDITIONAL 200 lb STOCK OF #5 BARS OF VARYING LENGTHS FOR EACH 10,000 SQUARE FEET OF SLAB AREA FOR PLACEMENT AS DIRECTED BY STRUCTURAL ENGINEER.
 - PROVIDE A 3/4" CHAMFER ON EXPOSED CORNERS OF CONCRETE UNLESS NOTED OTHERWISE. TOP SURFACE OF WALLS SHALL BE FINISHED SMOOTH, UNLESS NOTED OTHERWISE.
 - CONTRACTOR SHALL PROVIDE STANDARD WIRE SPACERS, CHAIRS, TIES, ETC. FOR SUPPORTING REINFORCING STEEL IN THE PROPER POSITION WHILE PLACING CONCRETE.
 - PROVIDE 1/2" EXPANSION JOINT MATERIAL AT INTERIOR LOCATIONS WHERE SLABS ABUT WALLS, COLUMNS, AND OTHER VERTICAL SURFACES UNLESS NOTED OTHERWISE.
 - TIME BETWEEN CONCRETE BATCHING AND PLACEMENT SHALL BE IN ACCORDANCE WITH ASTM C94.
 - ADDITION OF JOBSITE WATER TO CONCRETE SHALL BE PER ASTM C94.
 - ALL CONCRETE SLABS SHALL BE CURED PER ACI 308.1 RECOMMENDATIONS.
 - CONTROL JOINTS SHALL BE PLACED IN CONVENTIONAL SLAB ON GROUND WITHIN 24 HOURS OF INITIAL POUR. REFER TO PLAN NOTES FOR ADDITIONAL INFO.

- DO NOT PLACE CONTROL JOINTS IN:** STRUCTURAL SLAB ON GROUND, POST TENSIONED SLAB ON GROUND, OR PILE SUPPORTED SLABS.
- 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
 - 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.
 - ALL MASONRY WALLS SHALL BE CONSTRUCTED IN A RUNNING BOND PATTERN AS DESCRIBED BY ACI 530 UNLESS NOTED OTHERWISE ON THE CONSTRUCTION DOCUMENTS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF ALL VERTICAL CONTROL JOINTS IN EXTERIOR FACADE.
 - 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 FOLLOWS:

A.	10'-0" MAXIMUM FROM CORNERS OF WALLS
B.	24'-0" or MAXIMUM
C.	AT CHANGES IN WALL HEIGHT AND THICKNESS
D.	AT WALLS ADJUTING COLUMNS
E.	DO NOT PROVIDE CONTROL JOINTS IN ELEVATOR AND STAIR SHAFT WALLS.
 - PROVIDE (1) VERTICAL BAR AT CORNERS AND ON EACH SIDE OF CONTROL JOINTS, MATCH SIZE OF SPECIFIED REINFORCEMENT. PROVIDE #5 IF NOT SPECIFIED.
 - LAP VERTICAL WALL REINFORCEMENT PER SCHEDULE.
 - LAP HORIZONTAL WALL REINFORCING PER SCHEDULE. STAGGER BOND BEAM LAP LOCATIONS MINIMUM 5'-0".
 - HORIZONTAL BOND BEAM REINFORCING AT CORNERS AND INTERSECTIONS SHALL BE LAPPED PER TYPICAL DETAILS.
 - PROVIDE STANDARD (W/ 7) HORIZONTAL JOINT REINFORCING AT 16" o/c VERTICALLY (8" o/c IN PARAPET WALLS) UNLESS NOTED OTHERWISE. REINFORCING TO BE HOT-DIPPED GALVANIZED IN EXTERIOR WALLS AND MILD GALVANIZED FOR INTERIOR WALLS. JOINT REINFORCING SHALL BE LADDER TYPE CONFORMING TO ASTM A815, WITH PREFABRICATED CORNER AND TEE UNITS AT CORNERS AND INTERSECTIONS. LAP JOINT REINFORCING 6" MINIMUM.
 - FACE SHELLS AND WEBS SHALL BE FULL-BEDDED IN ALL COURSES OF PIERS, AND THE STARTING COURSE OF ALL WALLS.
 - ALL VERTICAL MASONRY WALL REINFORCEMENT SHALL RUN CONTINUOUS THROUGH BOND BEAMS AND EXTEND FULL HEIGHT OF THE WALL, GROUT CORES SOLD AT ALL VERTICAL REINFORCING.
 - COURSE AGGREGATE IN MASONRY GROUT SHALL BE PEA GRAVEL.
 - DO NOT PLACE GROUT UNTIL ENTIRE HEIGHT OF MASONRY TO BE GROUTED HAS ATTAINED ENOUGH STRENGTH TO RESIST GROUT PRESSURE. COMPLY WITH REQUIREMENTS IN THIS ROAD 530.13ASCE 6 FOR CLEANOUTS AND FOR GROUT PLACEMENT, INCLUDING MINIMUM GROUT SPACE AND MAXIMUM POUR HEIGHT.
 - GALVANIZE ALL STEEL OUTSIDE OF BUILDING VAPOR BARRIER INCLUDING THE EXTERIOR LINTELS AND VENEER SUPPORT ANGLES AND ASSOCIATED ANCHORS, UNLESS NOTED OTHERWISE. WHERE ARCH DRAWINGS CALL OUT PAINTED LINTELS, COORDINATE PREP AND CLEAN LINTEL FOR PAINTING AFTER GALVANIZING WITH ARCHITECT AND PAINTING CONTRACTOR.
 - ALL PARTIAL HEIGHT BLOCKS LESS THAN 4" HIGH SHALL BE GROUTED SOLID IN LOAD BEARING WALLS.
 - SOLID OR SOLID-GROUTED CMU SHALL BE PROVIDED IN COURSES IMMEDIATELY ABOVE AND BELOW ANY CHANGES IN WYTHE THICKNESS.
 - SOLID GROUT ALL MASONRY BELOW GRADE.
 - CONTRACTOR SHALL GROUT MASONRY SOLID AT ALL POST-INSTALLED ANCHOR (EXPANSION, EPOXY, DRILLED) LOCATIONS. GROUT ON ALL SIDES OF EACH ANCHOR AT LEAST 4" OR THE SPECIFIED ANCHOR EMBEDMENT, WHICHEVER IS GREATER.
 - PROVIDE 8" HIGH BOND BEAM w/ (2) #5 x CONT AT TOP OF WALLS AND AT FLOOR LINES FOR MULTI-STORY WALLS. REFER TO TYPICAL DETAILS FOR TOP AND BOTTOM OF WALL DETAILS.
 - AT BEAM BEARING LOCATIONS, GROUT CMU SOLID A MINIMUM OF 16" WIDE x 3 COURSES DEEP UNLESS NOTED OTHERWISE.
 - MASONRY FIREWALL CONSTRUCTION ASSUMES MASONRY BLOCKS COMPRISED OF LIMESTONE.
 - ALL CMU BLOCK TO BE NORMAL WEIGHT UNLESS NOTED OTHERWISE.
 - PROVIDE A MINIMUM OF 1/2" CLEAR BETWEEN INTERIOR BLOCK FACE SHELL AND FACE OF REINFORCING BAR. PROVIDE THE FOLLOWING CLEAR COVER DISTANCES FOR REINFORCING BARS AND TIES:

MASONRY NOT EXPOSED TO EARTH OR WEATHER: MASONRY EXPOSED TO EARTH OR WEATHER: NO. 6 THROUGH NO. 8 BARS NO. 8 BAR AND SMALLER	1 1/2" 2" 1 1/2"
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 - REFER TO LOOSE VENEER LITEL SCHEDULE FOR LITEL SIZE AND REQUIREMENTS. VERIFY LITEL QUANTITY, LOCATIONS, AND ELEVATIONS W/ ARCHITECTURAL DRAWINGS.
 - DRAINAGE SYSTEM AT THE BASE OF THE GEOFOAM IS REQUIRED AND GENERAL CONTRACTOR MUST COORDINATE PROPER INSTALLATION.

- POST-INSTALLED ANCHORS TO CONCRETE AND MASONRY:**
- POST INSTALLED ANCHORS SHALL BE: EXPANSION, ADHESIVE, OR SCREW ANCHORS AS SPECIFIED, UNLESS NOTED OTHERWISE.
 - 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
 - ADHESIVE ANCHORS (SEE NOTES BELOW FOR SUBSTITUTIONS):

A.	FOR CONCRETE
a.	HILTI HIT RE 300 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.
C.	SOLID GROUTED CONCRETE MASONRY:
a.	HILTI HIT HY 200 ADHESIVE ANCHOR SYSTEM WITH HAS THREADED ROD, THREADED ROD OR REBAR WHERE SPECIFIED.
b.	HILTI HIT HY 70 ADHESIVE ANCHOR SYSTEM WITH HAS THREADED ROD OR THREADED ROD WITH SCREEN TUBES.
 - SCREW ANCHORS (SEE NOTES BELOW FOR SUBSTITUTIONS):

A.	FOR CONCRETE
a.	HILTI TITON HUS E2
B.	SOLID GROUTED CONCRETE MASONRY:
a.	HILTI KWIK HUS E2
 - 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 NOTES 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 AC 308.4 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.
G.	IF AN ANCHOR IS DISPLACED OR DISTURBED BEFORE A FULL ADHESIVE CURE IT SHALL BE CONSIDERED DAMAGED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
H.	UNLESS NOTED OTHERWISE, ANCHORS SHALL BE INSTALLED PERPENDICULAR TO THE SUPPORTING SURFACE.
I.	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 WADERS WITH A STANDARD SIZE HOLE WELDED TO STEEL MEMBERS WHERE OVERSIZED HOLES MUST BE USED THROUGH THE STEEL MEMBER, UNO.
J.	HOLES SHALL BE DRILLED AND INSTALLED PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS AS OUTLINED IN THE ICC-ES REPORT. WHERE APPLICABLE, INSTALLATION SHALL 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.
 - 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 ANCHORS ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM FOR SUCH APPLICATIONS.
 - 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 OWNER.
 - 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 NOTE) 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 308.2 OR ACI 308.4.

- CONCRETE MASONRY UNIT (CMU):**
- MASONRY CONSTRUCTION TO CONFORM TO ACI 530.303.1 BUILDING CODE REQUIREMENTS AND SPECS FOR MASONRY STRUCTURES (AND RELATED COMMENTARIES).
 - 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.
 - 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.
 - ALL MASONRY WALLS SHALL BE CONSTRUCTED IN A RUNNING BOND PATTERN AS DESCRIBED BY ACI 530 UNLESS NOTED OTHERWISE ON THE CONSTRUCTION DOCUMENTS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF ALL VERTICAL CONTROL JOINTS IN EXTERIOR FACADE.
 - 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 FOLLOWS:

A.	10'-0" MAXIMUM FROM CORNERS OF WALLS
B.	24'-0" or MAXIMUM
C.	AT CHANGES IN WALL HEIGHT AND THICKNESS
D.	AT WALLS ADJUTING COLUMNS
E.	DO NOT PROVIDE CONTROL JOINTS IN ELEVATOR AND STAIR SHAFT WALLS.
 - PROVIDE (1) VERTICAL BAR AT CORNERS AND ON EACH SIDE OF CONTROL JOINTS, MATCH SIZE OF SPECIFIED REINFORCEMENT. PROVIDE #5 IF NOT SPECIFIED.
 - LAP VERTICAL WALL REINFORCEMENT PER SCHEDULE.
 - LAP HORIZONTAL WALL REINFORCING PER SCHEDULE. STAGGER BOND BEAM LAP LOCATIONS MINIMUM 5'-0".
 - HORIZONTAL BOND BEAM REINFORCING AT CORNERS AND INTERSECTIONS SHALL BE LAPPED PER TYPICAL DETAILS.
 - PROVIDE STANDARD (W/ 7) HORIZONTAL JOINT REINFORCING AT 16" o/c VERTICALLY (8" o/c IN PARAPET WALLS) UNLESS NOTED OTHERWISE. REINFORCING TO BE HOT-DIPPED GALVANIZED IN EXTERIOR WALLS AND MILD GALVANIZED FOR INTERIOR WALLS. JOINT REINFORCING SHALL BE LADDER TYPE CONFORMING TO ASTM A815, WITH PREFABRICATED CORNER AND TEE UNITS AT CORNERS AND INTERSECTIONS. LAP JOINT REINFORCING 6" MINIMUM.
 - FACE SHELLS AND WEBS SHALL BE FULL-BEDDED IN ALL COURSES OF PIERS, AND THE STARTING COURSE OF ALL WALLS.
 - ALL VERTICAL MASONRY WALL REINFORCEMENT SHALL RUN CONTINUOUS THROUGH BOND BEAMS AND EXTEND FULL HEIGHT OF THE WALL, GROUT CORES SOLD AT ALL VERTICAL REINFORCING.
 - COURSE AGGREGATE IN MASONRY GROUT SHALL BE PEA GRAVEL.
 - DO NOT PLACE GROUT UNTIL ENTIRE HEIGHT OF MASONRY TO BE GROUTED HAS ATTAINED ENOUGH STRENGTH TO RESIST GROUT PRESSURE. COMPLY WITH REQUIREMENTS IN THIS ROAD 530.13ASCE 6 FOR CLEANOUTS AND FOR GROUT PLACEMENT, INCLUDING MINIMUM GROUT SPACE AND MAXIMUM POUR HEIGHT.
 - GALVANIZE ALL STEEL OUTSIDE OF BUILDING VAPOR BARRIER INCLUDING THE EXTERIOR LINTELS AND VENEER SUPPORT ANGLES AND ASSOCIATED ANCHORS, UNLESS NOTED OTHERWISE. WHERE ARCH DRAWINGS CALL OUT PAINTED LINTELS, COORDINATE PREP AND CLEAN LINTEL FOR PAINTING AFTER GALVANIZING WITH ARCHITECT AND PAINTING CONTRACTOR.
 - ALL PARTIAL HEIGHT BLOCKS LESS THAN 4" HIGH SHALL BE GROUTED SOLID IN LOAD BEARING WALLS.
 - SOLID OR SOLID-GROUTED CMU SHALL BE PROVIDED IN COURSES IMMEDIATELY ABOVE AND BELOW ANY CHANGES IN WYTHE THICKNESS.
 - SOLID GROUT ALL MASONRY BELOW GRADE.
 - CONTRACTOR SHALL GROUT MASONRY SOLID AT ALL POST-INSTALLED ANCHOR (EXPANSION, EPOXY, DRILLED) LOCATIONS. GROUT ON ALL SIDES OF EACH ANCHOR AT LEAST 4" OR THE SPECIFIED ANCHOR EMBEDMENT, WHICHEVER IS GREATER.
 - PROVIDE 8" HIGH BOND BEAM w/ (2) #5 x CONT AT TOP OF WALLS AND AT FLOOR LINES FOR MULTI-STORY WALLS. REFER TO TYPICAL DETAILS FOR TOP AND BOTTOM OF WALL DETAILS.
 - AT BEAM BEARING LOCATIONS, GROUT CMU SOLID A MINIMUM OF 16" WIDE x 3 COURSES DEEP UNLESS NOTED OTHERWISE.
 - MASONRY FIREWALL CONSTRUCTION ASSUMES MASONRY BLOCKS COMPRISED OF LIMESTONE.
 - ALL CMU BLOCK TO BE NORMAL WEIGHT UNLESS NOTED OTHERWISE.
 - PROVIDE A MINIMUM OF 1/2" CLEAR BETWEEN INTERIOR BLOCK FACE SHELL AND FACE OF REINFORCING BAR. PROVIDE THE FOLLOWING CLEAR COVER DISTANCES FOR REINFORCING BARS AND TIES:

MASONRY NOT EXPOSED TO EARTH OR WEATHER: MASONRY EXPOSED TO EARTH OR WEATHER: NO. 6 THROUGH NO. 8 BARS NO. 8 BAR AND SMALLER	1 1/2" 2" 1 1/2"
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 - REFER TO LOOSE VENEER LITEL SCHEDULE FOR LITEL SIZE AND REQUIREMENTS. VERIFY LITEL QUANTITY, LOCATIONS, AND ELEVATIONS W/ ARCHITECTURAL DRAWINGS.
 - DRAINAGE SYSTEM AT THE BASE OF THE GEOFOAM IS REQUIRED AND GENERAL CONTRACTOR MUST COORDINATE PROPER INSTALLATION.

- POST-TENSIONING CONCRETE NOTES:**
- 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.
 - 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.
 - 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.
 - 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.
 - 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.	UNIFORMALLY 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.
 - RELOCATING TENDONS OR MODIFYING ORINATES MAY ONLY BE DONE WITH WRITTEN APPROVAL FROM STRUCTURAL ENGINEER.

- GEOFOAM NOTES:**
- ALL FINAL GRADES ARE TO BE VERIFIED WITH SITE, CIVIL, AND ARCHITECTURAL DRAWINGS.
 - 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.
 - GEOFOAM LINTELS ARE MINIMUMS. CONTRACTOR MAY INCREASE WIDTH AND DEPTHS AS NECESSARY ON SAFETY OR CONSTRUCTION METHODS.
 - GEOFOAM TO BE EPS12 AT EXTERIOR OF BUILDING AND EPS15 AT INTERIOR OF BUILDING. MINIMUM, AND COMPLY W/ ASTM D8817, ASTM D1761, & ASTM D1957.
 - DRAINAGE SYSTEM AT THE BASE OF THE GEOFOAM IS REQUIRED AND GENERAL CONTRACTOR MUST COORDINATE PROPER INSTALLATION.

- STRUCTURAL STEEL:**
- DESIGN, FABRICATION, AND ERECTION SHALL CONFORM TO AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) 'STEEL CONSTRUCTION MANUAL', EDITION AS SPECIFIED BY CODE.
 - STEEL DETAILING AND CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF AISC 360 "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS", EDITION AS SPECIFIED BY CODE, ALLOWABLE STRESS DESIGN.
 - BEAM AND GIRDER CONNECTIONS SHALL BE DETAILED AS NOTED ON PLANS AND DETAILS.
 - STEEL FABRICATOR SHALL DESIGN CONNECTIONS NOT SPECIFICALLY DETAILED ON PLANS AS FOLLOWS:

A.	MEMBER SHEAR CONNECTIONS: UNLESS A LARGER VERTICAL END REACTION IS SHOWN ON THE DRAWINGS (a R = R54), MINIMUM DESIGN SHEAR FORCES SHALL BE A NON-COMPOSITE SUPPORT REACTION "R" EQUAL TO ONE HALF THE TOTAL UNIFORM LOAD CAPACITY FROM THE TABLE OF UNIFORM LOAD CONSTANTS IN THE AISC MANUAL, PART 2 FOR THE GIVEN SHAPE, SPAN, AND GRADE OF STEEL.
B.	MEMBERS REQUIRING END MOMENT CONNECTIONS SHALL MEET THE REQUIREMENTS OF TYPE 1 "RIGID FRAME" CONSTRUCTION INCLUDING TIGHTENING BOLTS IF UTILIZED. ALL OTHER MEMBERS SHALL FOLLOW THE REQUIREMENTS OF TYPE 2 "SIMPLE" CONSTRUCTION.
 - SUBSTITUTION REQUESTS FOR CONNECTIONS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER WITH CALCULATIONS THAT ARE PREPARED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER SHOWING THAT THE SUBSTITUTED CONNECTION WILL ACHIEVE AN EQUIVALENT CAPACITY USING THE APPROPRIATE DESIGN PROCEDURE REQUIRED BY THE BUILDING CODE.
 - STRUCTURAL STEEL AND CONNECTIONS EXPOSED TO WEATHER OR CORROSIVE ENVIRONMENTS SHALL BE GALVANIZED OR COATED PER THE REQUIREMENTS OF AISC 308.
 - WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS HOLDING CURRENT AWS CERTIFICATES IN THE TYPES OF WELDING SPECIFIED ON THE CONSTRUCTION DOCUMENTS.

A.	USE PREQUALIFIED WELDED JOINTS IN ACCORDANCE WITH AISC AND AWS D1.1. NON-PREQUALIFIED JOINTS SHALL BE QUALIFIED PRIOR TO FABRICATION.
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 - ALL STEEL BEAMS SHALL BE FABRICATED WITH THE NATURAL CAMBER (WITHIN MILL TOLERANCE) IN THE UPWARD VERTICAL DIRECTION.
 - PROVIDE 3/16" CAP PLATE AT THE ENDS OF ALL EXPOSED TUBE AND PIPE MEMBERS, UNLESS NOTED OTHERWISE.
 - PROVIDE STIFFENER PLATES ON BOTH SIDES OF BEAM WEBS AT ALL CONCENTRATED LOADS ABOVE AND BELOW A BEAM. UNLESS NOTED OTHERWISE, FRAME THE LARGEST BEAM OVER COLUMNS AT BEAM TO BEAM INTERSECTIONS.
 - SPLICES SHALL BE ALLOWED ONLY AT LOCATIONS INDICATED ON THE STRUCTURAL DRAWINGS, UNLESS APPROVED BY THE STRUCTURAL ENGINEER. UNLESS NOTED OTHERWISE, FRAME THE LARGEST BEAM OVER COLUMNS AT BEAM TO BEAM INTERSECTIONS.
 - CONTRACTOR SHALL ELECTRONICALLY SUBMIT STEEL SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING TO THE ARCHITECT.
 - THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED FORM. CONTRACTOR SHALL DETERMINE, FURNISH AND INSTALL ANY TEMPORARY BRACING OR GUYS REQUIRED TO ERECT STEEL MEMBERS. TEMPORARY BRACING SHALL BE LEFT IN PLACE UNTIL THE PERMANENT STRUCTURE IS IN PLACE AND SECURE.
 - STRUCTURAL STEEL FRAMING SHALL BE TRUE AND PLUMB BEFORE CONNECTIONS ARE FINALLY BOLTED OR WELDED.
 - ANY HOLES, CUTS, OR COPING FIELD CUT INTO STEEL SHALL BE VERIFIED WITH THE STRUCTURAL ENGINEER PRIOR TO WORK. CONTRACTOR SHALL COORDINATE ALL HOLES REQUIRED BY OTHERS WITH THE STRUCTURAL ENGINEER.
 - THE STEEL SUPPLIER SHALL COORDINATE HIS WORK WITH OTHER DELEGATED DESIGN COMPONENTS (a. STEEL JOISTS, PRECAST CONCRETE, STEEL STAIR COMPONENTS, ETC.).
 - REFER TO LOOSE BROCK LITEL SCHEDULE FOR LITEL SIZES AND REQUIREMENTS. VERIFY LITEL QUANTITY, LOCATIONS, AND ELEVATIONS W/ ARCHITECTURAL DRAWINGS.
 - ALL BEAMS TO BE PLACED WITH POSITIVE CAMBER (INCLUDING NATURAL BEAM CAMBER) UPWARD. STRUCTURAL ENGINEER RECOMMENDS CONTRACTOR PERFORM A PRE-POUR SURVEY OF THE FRAMING TO ENSURE CAMBERS ARE WITHIN TOLERANCE. COORDINATE ALL INFORMATION PRIOR TO CONCRETE POUR WITH STRUCTURAL ENGINEER.
 - STEEL SUPPLIER SHALL VERIFY ALL MEPP EQUIPMENT, DISTRIBUTION SYSTEMS, AND BUILDING EQUIPMENT WEIGHTS, SIZES, AND LOCATIONS PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATING MATERIALS. CONTRACTOR TO COORDINATE ANY CHANGES W/ STEEL SUPPLIER AND STRUCTURAL ENGINEER.
 - PROVIDE SUPPORT AT COLUMNS AS REQUIRED FOR DECK SUPPORT. PROVIDE 12x24x3/16 MINIMUM.

- METAL DECK:**
- DECK, ACCESSORIES, AND ATTACHMENTS SHALL CONFORM WITH THE CURRENT EDITION OF "STEEL DECK INSTITUTE SPECIFICATIONS".
 - ALL ROOF DECK SHALL BE PAINTED, EXCEPT DECK EXPOSED TO WEATHER WHICH SHALL BE GALVANIZED. ALL FLOOR DECK SHALL BE GALVANIZED.
 - AT CHANGE IN DECK DIRECTION, PROVIDE A 20 GAUGE x 8" WIDE CONTINUOUS PLATE. PROVIDE SAME PLATE AT ALL RIDGES, VALLEYS, AND HPS BENT TO MATCH PROFILE OF ROOF.
 - COLD-FORMED METAL FRAMING:
 - CONTRACTOR SHALL ELECTRONICALLY SUBMIT COLD-FORMED SHOP DRAWINGS WITH STRUCTURAL CALCULATIONS STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED TO THE ARCHITECT AND ENGINEER FOR APPROVAL. CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING TO THE ARCHITECT.
 - SHOP DRAWING SUBMISSIONS SHALL INCLUDE THE FOLLOWING INFORMATION:

A.	THE NAME, ADDRESS, PHONE NUMBER, AND FAX NUMBER OF THE SUPPLIER
B.	ALL DESIGN LOADS
C.	PLANS AND ELEVATIONS KEYING IN ALL SECTION
D.	CONNECTION DETAILS SPECIFYING ALL FASTENER TYPES, QUANTITY, AND LOCATIONS
E.	ALL REQUIRED BRIDGING, BRACING, AND OTHER COLD-FORMED COMPONENTS
 - ALL COLD-FORMED MEMBERS SPECIFIED ON THE CONSTRUCTION DOCUMENTS ARE MINIMUM SIZES. COLD-FORMED DESIGNER TO VERIFY ALL SIZES.
 - REFER TO MATERIAL STRENGTHS FOR COLD-FORMED METAL FRAMING YIELD STRESS (Fy).
 - ALL COLD-FORMED MEMBERS SHALL BE GALVANIZED.
 - DESIGN, SUPPLY, AND INSTALL ANY HOT-ROLLED OR COLD-ROLLED SECTION NEEDED TO PROVIDE A COMPLETE EXTERIOR CLADDING SYSTEM.
 - REFER TO DEFLECTION LIMIT CRITERIA FOR ALL COLD-FORMED FRAMING DEFLECTION REQUIREMENTS.
 - ALL WELDING SHALL BE AWS D1.3. WELDERS SHALL BE CERTIFIED FOR THE THICKNESS OF MATERIAL BEING WELDED.
 - SCREW PENETRATION THROUGH JOINED MATERIALS SHALL NOT BE LESS THAN THREE EXPOSED SCREW THREADS. REFER TO INSTALLATION INSTRUCTIONS OF THE SCREW MANUFACTURER AND/OR ASTM C-954 FOR MINIMUM SPACINGS AND EDGE DISTANCE AND TORQUE REQUIREMENTS.
 - INSTALL CONTINUOUS TRACKS SIZE TO MATCH STUDS. ALIGN TRACKS ACCURATELY TO LAYOUT AT BASE AND TOPS OF STUDS. SECURE TRACKS AS RECOMMENDED BY STUD MANUFACTURER FOR TYPE OF CONSTRUCTION INVOLVED, EXCEPT DO NOT EXCEED 24" o/c SPACING FOR POWDER-DRIVEN FASTENERS, OR 16" o/c FOR OTHER TYPES OF ATTACHMENT. PROVIDE FASTENERS AT CORNERS AND END OF TRACKS.
 - WHERE SPACING OF TRACK IS NECESSARY BETWEEN STUD SPACINGS, PROVIDE A PIECE OF STUD PLACED BETWEEN ADJACENT TRACKS AND FASTENED BY WELD OR SCREW TO EACH SIDE OF THE TRACK EACH END.
 - AT NON-LOAD BEARING WALLS, PROVIDE A SLIP TRACK AT TOP OF WALL.
 - FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING SCREWS OR BY WELDING. SCREWS AND WELDS SHALL BE SUFFICIENT SIZE TO ENSURE THE STRENGTH OF THE CONNECTION.
 - ALL WELDS SHALL BE TOUCHED UP WITH ZINC-RICH PAINT.
 - INSTALL COLD-FORMED FRAMING MEMBERS IN ACCORDANCE WITH MANUFACTURERS PRINTED OR WRITTEN IN

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/c	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/STREDS	4,000	145				--	--	--	
EXTERIOR CONCRETE TOPPING AND STAIR LANDINGS/STREDS	5,000	145	F3			C2	0.4	6%	
SLABS ON METAL DECK	4,000	145				--	--	--	
LEAN CONCRETE	1,000	145				--	--	--	

- CONCRETE MATERIALS SCHEDULE NOTES:
- CORROSION EXPOSURE SHALL BE F3, S3, W3, AND C3 UNLESS NOTED OTHERWISE IN THE EXPOSURE CATEGORIES COLUMN.
 - MAXIMUM AGGREGATE SIZE FOR ALL MIXES TO BE 3/4 INCHES. FOOTINGS MAY BE 1 1/2 INCHES.
 - PROVIDE 5% AIR CONTENT AT ALL EXPOSED CONDITIONS NOT EXPLICITLY INDICATED ABOVE. TOLERANCE OF AIR CONTENT AS DELIVERED SHALL BE +/- 1%.
 - PROVIDE CRYSTALLINE WATERPROOFING ADMIXTURE IN ALL PARKING SLABS AND BEAMS.
 - CONCRETE SUPPLIER AND FINISHER SHALL COORDINATE PROPERTIES OF PROPOSED MIX DESIGN UNDER VARIOUS WEATHER CONDITIONS TO COMPLETE FINISHING 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.
 - FOR CONCRETE FLOOR SLABS AND TOPPING, THE MINIMUM CEMENTITIOUS MATERIAL CONTENT SHALL BE 540 LBS/YD3 UNLESS APPROVED BY ENGINEER OF RECORD.
 - 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.
 - FOR LIGHTWEIGHT CONCRETE HAVING EQUILIBRIUM DENSITY LESS THAN 145 pcf, LAMBDA (λ) HAS BEEN TAKEN AS 0.75.
 - FOR EXPOSURE CATEGORY F3, MAXIMUM PERCENT OF TOTAL CEMENTITIOUS MATERIALS BY MASS AS FOLLOWS:
 - FLY ASH OR OTHER POZZOLANS CONFORMING TO ASTM C618 - 25%
 - SLAG CEMENT CONFORMING TO ASTM C595 - 50%
 - SILICA FUME CONFORMING TO ASTM C1240 - 10%
 - TOTAL OF FLY ASH OR OTHER POZZOLANS AND SILICA FUME - 35%
 - TOTAL OF FLY ASH OR OTHER POZZOLANS, SLAG CEMENT, AND SILICA FUME - 50%
 - 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.
 - REFER TO MASS CONCRETE NOTES FOR ADDITIONAL REQUIREMENTS.
 - CONCRETE SUPPLIER, IN CONJUNCTION WITH THE GENERAL CONTRACTOR, TO PROVIDE CONCRETE MIX SUCH THAT THE MAXIMUM TEMPERATURE WILL NOT EXCEED 150 DEGREES FAHRENHEIT. UNLESS, 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 1119, TYPE III, 1 1/2 TO 1 1/2 LONG

GEOPHAM:

- AT LOCATIONS SUBJECTED TO LIGHT VEHICULAR TRAFFIC:
 - DURAFILL EPS15 GEOPHAM (3.8 COMPRESSIVE RESISTANCE AT 1% DEFORMATION)
- AT LOCATIONS BELOW SIDEWALKS AND AREAS SUBJECTED TO HEAVY TRUCKS AND BUS TRAFFIC:
 - DURAFILL EPS15 GEOPHAM (3.8 COMPRESSIVE RESISTANCE AT 1% DEFORMATION)

LIGHTWEIGHT RIGID FILL:

- AT LOCATIONS SUBJECTED TO LIGHT VEHICULAR TRAFFIC:
 - RIGID CELLULAR POLYSTYRENE WITH MINIMUM COMPRESSIVE RESISTANCE OF 40 PSI AT 10% DEFORMATION CONFORMING TO ASTM D6877 OR ASTM C578 OR APPROVED EQUIVALENT
- AT LOCATIONS BELOW SIDEWALKS 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 D6877 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 60
- ASTM A706, DEFORMED, WELDABLE..... GRADE 60
- STEEL WELDED WIRE REINFORCEMENT, FLAT SHEETS..... GRADE 60
- POST-TENSIONING TENDONS, ASTM A106..... GRADE 270
- STUD RAIL ASSEMBLIES, ASTM A104..... GRADE 60
- HEADED WELDED STUDS, ASTM A108..... GRADE 36

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 A108, 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..... GRADE 33
 - 16 GAUGE AND LIGHTER..... GRADE 55
 - 16 GAUGE AND HEAVIER..... G60
 - 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 F1554, TYPE 1, TYPICAL..... GROUP A (120 KSI)
- HIGH STRENGTH BOLTS, ASTM F1554, TYPE 1, WHERE NOTED..... GROUP B (150 KSI)
- NUTS, ASTM A563..... GRADE 36
- WASHERS, ASTM F438..... GRADE PER BOLT SPEC
- OTB WASHERS, ASTM F569..... GRADE PER BOLT SPEC
- STEEL HEADED STUD ANCHORS, ASTM A108..... GRADE 36
- RODS, ASTM A36, TYPICAL..... GRADE 36
- RODS, ASTM F1554, WHERE NOTED..... GRADE 55, S1
- CLEVIS AND TURNBUCKLES, ASTM A108..... GRADE 1035
- HYBRIDS AND NUTS, ASTM A108..... GRADE 1030

STAINLESS STEEL

- STAINLESS STEEL BOLTS, NUTS, AND WASHERS, ASTM F593..... GRADE 36
- 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..... E70XX

MASONRY

- ASSEMBLY..... fm = 2,500 PSI
- BLOCK..... fcm = 3,250 PSI OR GREATER
- GROUT..... fc = 2,500 PSI OR GREATER
- MASONRY MORTAR..... TYPE "M" MORTAR BELOW GRADE
- GROUT BELOW BASE PLATES AND BEARING PLATES..... TYPE "M" OR "S" ABOVE GRADE
- NON-METALLIC, SHRINKAGE RESISTANT..... ASTM C1107

DESIGN DATA:

APPLICABLE CODES / STANDARDS:

- WISCONSIN COMMERCIAL BUILDING CODE: 2015 IBC AS MODIFIED BY CHAPTERS SP3 361-366, ADOPTED APRIL 1, 2018
- INTERNATIONAL EXISTING BUILDING CODE - 2015
- ASCE 7-10 MIN DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, (ASCE)

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 530.3.1 BUILDING CODE REQUIREMENTS AND SPECS FOR MASONRY STRUCTURES (AND RELATED COMMENTARIES)
- ANSI/KSC 360 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS
- ANSI C 1101 1W STRUCTURAL WELDING CODE - STEEL
- NDS NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION ASD/LRPD
- NDS NATIONAL DESIGN SPECIFICATION SUPPLEMENT, DESIGN VALUES FOR WOOD CONSTRUCTION
- ANSI 100 NORTH AMERICAN SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS
- ANSI 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 + 20 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..... 100 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 LB 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 (PSF) = (0.7 * Qp * Cs * 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
- SLOPE ROOF FACTOR (Cs)..... 1.0

WIND DESIGN DATA:

- ULTIMATE WIND SPEED (S SECOND GUST)..... 115 MPH
- NOMINAL WIND SPEED..... 89.1 MPH
- WIND DIRECTIONALITY FACTOR (Kd)..... 0.85
- MEAN ROOF HEIGHT..... 10.0 FT
- WIND EXPOSURE CATEGORY..... D
- WIND EXPOSURE CLASSIFICATION..... ENCLOSED
- INTERNAL PRESSURE COEFFICIENT..... +/- 0.18
- BUILDING LENGTH (L)..... 265.18 FT
- LEAST WIDTH (B)..... 166.67 FT
- VELOCITY PRESSURE EXPOSURE COEFFICIENT Kz (CASE 1)..... 1.555
- VELOCITY PRESSURE EXPOSURE COEFFICIENT Kz (CASE 2)..... 1.555
- TOPOGRAPHIC FACTOR (Kzt)..... 1.0
- EDGE STIFF (Kd)..... 16.67 FT
- EDGE ZONE (Za)..... 33.2 FT
- DESIGN PROCEDURE..... DIRECTIONAL

ULTIMATE WIND LOAD 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 1	-48.3 PSF	-43.8 PSF	-39.4 PSF
NEGATIVE ZONE 5	-88.8 PSF	-79.7 PSF	-74.9 PSF
POSITIVE ZONE 4&5	48.3 PSF	41.6 PSF	34.9 PSF

PARAPET SURFACE PRESSURE			
CASE		10 SF	100 SF
CASE A: PRESSURE TOWARDS BUILDING	CASE A: INTERIOR ZONE	143.5 PSF	98.7 PSF
CASE A: PRESSURE TOWARDS BUILDING	CASE A: CORNER ZONE	183.9 PSF	133.4 PSF
CASE B: PRESSURE AWAY FROM BUILDING	CASE B: INTERIOR ZONE	-80.7 PSF	-69.5 PSF
CASE B: PRESSURE AWAY FROM BUILDING	CASE B: CORNER ZONE	-121.1 PSF	-86.4 PSF

EARTHQUAKE DESIGN DATA:

- SEISMIC IMPORTANCE FACTOR (Ih)..... 1.0
- MAPPED SPECTRAL ACCELERATIONS AT SHORT PERIODS (Sa)..... 0.084
- MAPPED SPECTRAL ACCELERATIONS AT (1) SECOND PERIODS (S1)..... 0.046
- SITE CLASSIFICATION..... C
- DESIGN SPECTRAL RESPONSE COEFFICIENT AT SHORT PERIODS (Ss)..... 0.067
- DESIGN SPECTRAL RESPONSE COEFFICIENT AT (1) SECOND PERIODS (Sd1)..... 0.062
- SEISMIC DESIGN CATEGORY..... A
- BASIC SEISMIC FORCE-RESISTING SYSTEM..... ORDINARY REINFORCED CONCRETE SHEAR WALLS
- DESIGN BASE SHEAR..... 0.014W KIPS
- SEISMIC RESPONSE COEFFICIENT (Ct)..... 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 DIFFERS 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 (UNCONFIRMED)
- PASSIVE..... 200 PSF (UNCONFIRMED)
- COEFFICIENT OF SLIDING FRICTION..... 13 (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:

- 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 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.
- 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 S010.
- 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 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.
- 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, GUARDRAIL, 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, BRACKETS, ATTACHMENTS, AND SUBFRAMING FOR SUPPORT OF OTHER TRADES AND BUILDING COMPONENTS. REFER TO MODIFICATIONS FOR COORDINATION WITH OTHER TRADES NOTES.

- DELEGATED DESIGN SUBMITTALS PERTAINING TO FOUNDATIONS AND OTHER GEOTECHNICAL ELEMENTS SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER OF RECORD.

- 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:

- STAIRS NOT DETAILLED 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.

- 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.

- REFER TO ARCHITECTURAL DRAWINGS FOR STAIR FRAMING AND CONFIGURATION.

- LANDING BEAMS AND ANY ADDITIONAL SUPPORTS BEYOND WHAT IS SHOWN IN THE CONTRACT DOCUMENTS TO BE DESIGNED AND PROVIDED BY THE STAIR SUPPLIER.

DESIGN LOADS:

- A. STAR 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 1" 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.

- C. 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 BUILDINGS 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 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	
LIMIT / 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 (EPS, SIDING, ETC.)	N/A	L/360	N/A	

COORDINATION WITH OTHER TRADES:

- 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.
- SEISMIC SUPPORT, BRACING, AND ANCHORAGE OF NONSTRUCTURAL COMPONENTS SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR AS REQUIRED BY GOVERNING CODE.
- 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 CONSTRUCTION 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.
- PENETRATIONS THROUGH, CONNECTIONS TO, AND ITEMS EMBEDDED WITHIN STRUCTURAL MEMBERS SHALL NOT NEGATIVELY IMPACT THE PERFORMANCE OF THE BASE BUILDING STRUCTURE.
- 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 BY 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.
- 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.

UNDERGROUND

- A. THE INFLUENCE AREA OF A FOOTING OR MAT SHALL BE DEFINED AS THE FRUSTUM 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 (e.g. TRIPLE BASINS, GREASE TR

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/c	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:**
- CORROSION EXPOSURE SHALL BE F0, S0, W0, AND C0 UNLESS NOTED OTHERWISE IN THE EXPOSURE CATEGORIES COLUMN.
 - MAXIMUM AGGREGATE SIZE FOR ALL MIXES TO BE 3/4 INCHES. FOOTINGS MAY BE 1 1/2 INCHES.
 - PROVIDE 5% AIR CONTENT AT ALL EXPOSED CONDITIONS NOT EXPLICITLY INDICATED ABOVE. TOLERANCE OF AIR CONTENT AS DELIVERED SHALL BE +/- 1%.
 - PROVIDE CRYSTALLINE WATERPROOFING ADMIXTURE IN ALL PARKING SLABS AND BEAMS.
 - 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.
 - FOR CONCRETE FLOOR SLABS AND TOPPING, THE MINIMUM CEMENTITIOUS MATERIAL CONTENT SHALL BE 540 LBS/YD3 UNLESS APPROVED BY ENGINEER OF RECORD.
 - 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.
 - FOR LIGHTWEIGHT CONCRETE HAVING EQUILIBRIUM DENSITY LESS THAN 145 pcf, LAMBDA (λ) HAS BEEN TAKEN AS 0.75.
 - FOR EXPOSURE CATEGORY F3, MAXIMUM PERCENT OF TOTAL CEMENTITIOUS MATERIALS BY MASS AS FOLLOWS:
 - FLY ASH OR OTHER POZZOLANS CONFORMING TO ASTM C618 - 25%
 - SLAG CEMENT CONFORMING TO ASTM C595 - 50%
 - SILICA FUME CONFORMING TO ASTM C1240 - 10%
 - TOTAL OF FLY ASH OR OTHER POZZOLANS AND SILICA FUME - 35%
 - TOTAL OF FLY ASH OR OTHER POZZOLANS, SLAG CEMENT, AND SILICA FUME - 50%
 - 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.
 - REFER TO MASS CONCRETE NOTES FOR ADDITIONAL REQUIREMENTS.
 - CONCRETE SUPPLIER, IN CONJUNCTION WITH THE GENERAL CONTRACTOR, TO PROVIDE CONCRETE MIX SUCH THAT THE MAXIMUM TEMPERATURE WILL NOT EXCEED 150 DEGREES FAHRENHEIT. UNLESS, 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 1 1/2 LONG

GEOPFAM:

- AT LOCATIONS SUBJECTED TO LIGHT VEHICULAR TRAFFIC:
 - DURAFILL EP915 GEOPFAM (3 & COMPRESSIVE RESISTANCE AT 1% DEFORMATION)
- AT LOCATIONS BELOW SIDEWALKS AND AREAS SUBJECTED TO HEAVY TRUCKS AND BUS TRAFFIC:
 - DURAFILL EP915 GEOPFAM (3 & COMPRESSIVE RESISTANCE AT 1% DEFORMATION)

LIGHTWEIGHT RIGID FILL:

- AT LOCATIONS SUBJECTED TO LIGHT VEHICULAR TRAFFIC:
 - RIGID CELLULAR POLYSTYRENE WITH MINIMUM COMPRESSIVE RESISTANCE OF 40 PSI AT 10% DEFORMATION CONFORMING TO ASTM D6877 OR ASTM C578 OR APPROVED EQUIVALENT
- AT LOCATIONS BELOW SIDEWALKS 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 D6877 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 60
- 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 A104..... GRADE 60
- HEADED WELDED STUDS, ASTM A108..... GRADE 36

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..... GRADE 33
- 16 GAUGE AND LIGHTER..... GRADE 55
- 16 GAUGE AND HEAVIER..... G60
- 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 F1552, TYPE 1, TYPICAL..... GROUP A (120 KSI)
- HIGH STRENGTH BOLTS, ASTM F1552, TYPE 1, WHERE NOTED..... GROUP B (150 KSI)
- NUTS, ASTM A563..... GRADE 36
- WASHERS, ASTM F438..... GRADE PER BOLT SPEC
- OTB WASHERS, ASTM F569..... GRADE PER BOLT SPEC
- STEEL HEADED STUD ANCHORS, ASTM A108..... GRADE 36
- RODS, ASTM A36, TYPICAL..... GRADE 36
- RODS, ASTM F1554, WHERE NOTED..... GRADE 55, S1
- CLEVIS AND TURNBUCKLES, ASTM A108..... GRADE 1035
- PIEBOITS AND NUTS, ASTM A108..... GRADE 1030

STAINLESS STEEL

- STAINLESS STEEL BOLTS, NUTS, AND WASHERS, ASTM F593..... GRADE 36
- 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..... E70XX

MASONRY

- ASSEMBLY..... fm = 2,500 PSI
- BLOCK..... fcm = 3,250 PSI OR GREATER
- GROUT..... fc = 2,500 PSI OR GREATER
- MASONRY MORTAR..... TYPE "M" MORTAR BELOW GRADE
- GROUT BELOW BASE PLATES AND BEARING PLATES..... TYPE "M" OR "S" ABOVE GRADE
- NON-METALLIC, SHRINKAGE RESISTANT..... ASTM C1107

DESIGN DATA:

- APPLICABLE CODES / STANDARDS:
 - WISCONSIN COMMERCIAL BUILDING CODE, 2015 IBC AS MODIFIED BY CHAPTERS SP3 361-366, ADOPTED APRIL 1, 2018
 - INTERNATIONAL EXISTING BUILDING CODE - 2015
 - ASCE 7-10I MIN DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCSISE

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 530.30 BUILDING CODE REQUIREMENTS AND SPECS FOR MASONRY STRUCTURES (AND RELATED COMMENTARIES)
- ANSI/KSC 360 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS
- ANSI A 101.1W STRUCTURAL WELDING CODE - STEEL
- NDS NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION ASD/LRPD
- NDS NATIONAL DESIGN SPECIFICATION SUPPLEMENT, DESIGN VALUES FOR WOOD CONSTRUCTION
- ANSI 1100 NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS
- ANSI 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..... SELF-WEIGHT + 20 PSF SUPERIMPOSED
- RESIDENTIAL PARKING..... SELF-WEIGHT + 20 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 LB 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 (PSF) = (0.7 * Qi * Cs * Is * Pg)..... 21.0 PSF
- SNOW EXPOSURE (Ce)..... 1.0
- SNOW LOAD IMPORTANCE FACTOR (Is)..... 1.0
- ROOF THERMAL FACTOR (Ci)..... 1.0
- GROUND SNOW (Pg)..... 30 PSF
- RAIN ON SNOW SURCHARGE..... 0.0
- SLOPE ROOF FACTOR (Cs)..... 1.0

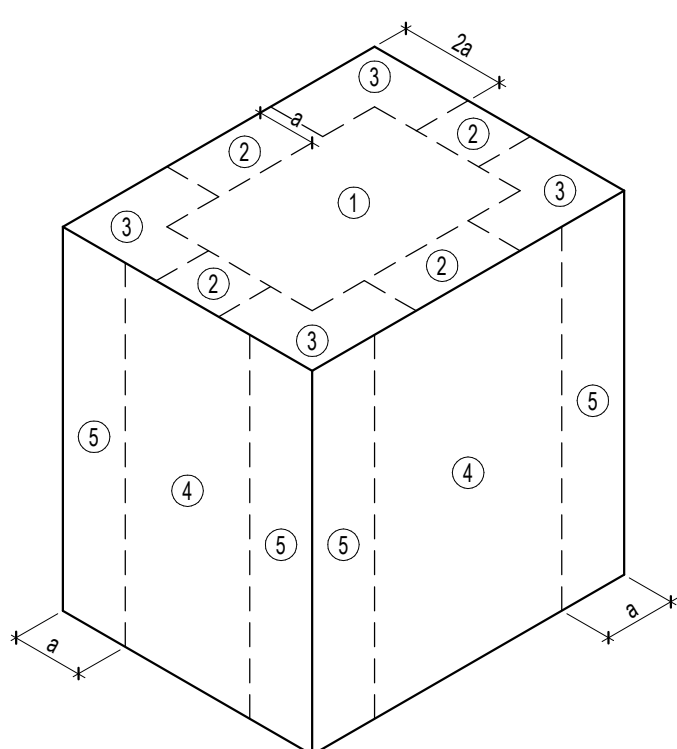
WIND DESIGN DATA:

- ULTIMATE WIND SPEED (3 SECOND GUST)..... 115 MPH
- NOMINAL WIND SPEED..... 89.1 MPH
- WIND DIRECTIONALITY FACTOR (Kd)..... 0.85
- MEAN ROOF HEIGHT..... 100 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 Kz (CASE 1)..... 1.555
- VELOCITY PRESSURE EXPOSURE COEFFICIENT Kz (CASE 2)..... 1.555
- TOPOGRAPHIC FACTOR (Kzt)..... 1.0
- EDGE STIFF (Kd)..... 16.6 FT
- EDGE ZONE (Za)..... 33.2 FT
- DESIGN STIFF (Kd)..... 16.6 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	-111.1 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 1	-48.3 PSF	-43.8 PSF	-39.4 PSF
NEGATIVE ZONE 5	-88.8 PSF	-70.7 PSF	-62.8 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
CASE A: PRESSURE TOWARDS BUILDING	CASE A: INTERIOR ZONE	143.5 PSF	118.3 PSF
CASE A: PRESSURE TOWARDS BUILDING	CASE A: CORNER ZONE	183.9 PSF	153.4 PSF
CASE B: PRESSURE AWAY FROM BUILDING	CASE B: INTERIOR ZONE	-80.7 PSF	-69.5 PSF
CASE B: PRESSURE AWAY FROM BUILDING	CASE B: CORNER ZONE	-121.1 PSF	-96.4 PSF

EARTHQUAKE DESIGN DATA:

- SEISMIC IMPORTANCE FACTOR (Ih)..... 1.0
- MAPPED SPECTRAL ACCELERATIONS AT SHORT PERIODS (Sa)..... 0.084
- MAPPED SPECTRAL ACCELERATIONS AT (1) SECOND PERIODS (S1)..... 0.046
- SITE CLASSIFICATION..... C
- DESIGN SPECTRAL RESPONSE COEFFICIENT AT SHORT PERIODS (Sa)..... 0.067
- DESIGN SPECTRAL RESPONSE COEFFICIENT AT (1) SECOND PERIODS (S1)..... 0.062
- SEISMIC DESIGN CATEGORY..... A
- BASIC SEISMIC FORCE-RESISTING SYSTEM..... ORDINARY REINFORCED CONCRETE SHEAR WALLS
- DESIGN BASE SHEAR..... 0.014W KIPS
- SEISMIC RESPONSE COEFFICIENT (C)..... 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..... 15 (UNCONFIRMED)
- SUBGRADE MODULUS..... 150 PCI
- FROST DEPTH..... 48" BELOW EXTERIOR FINISH GRADE (UNCONFIRMED)
- ALLOWABLE SOIL BEARING PRESSURE..... 6,150 PSF
- MINIMUM BEARING DEPTH, EXTERIOR..... 48" BELOW EXTERIOR FINISH GRADE
- MINIMUM BEARING DEPTH, INTERIOR..... NO MINIMUM REQUIREMENT
- MAXIMUM TOTAL FOUNDATION SETTLEMENT..... NO MINIMUM REQUIREMENT
- MAXIMUM DIFFERENTIAL SETTLEMENT BETWEEN ADJACENT FOUNDATIONS..... 1/2"

DELEGATED DESIGN NOTES:

- 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 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 TO FINAL DESIGN AND DETAILING OF THE DELEGATED DESIGN PACKAGE.
- 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 S010.
- 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.
- 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, GUARDRAIL, LADDERS, ETC. - REFER TO STAR DELEGATED 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, BRACKETS, ATTACHMENTS, AND SUBFRAMING FOR SUPPORT OF OTHER TRADES AND BUILDING COMPONENTS. REFER TO MODIFICATIONS FOR COORDINATION WITH OTHER TRADES NOTES.

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

DELEGATED DESIGN STAR NOTES:

- STARS NOT INSTALLED 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 STARS AS INDICATED HEREIN.
- STARS, HANDRAILS, AND GUARDRAILS SHALL BE DELEGATED DESIGN BY THE STEEL SUPPLIER. CONNECTIONS INTO SURROUNDING STRUCTURE SHALL BE APPROVED BY STRUCTURAL ENGINEER. CALCULATIONS OF ALL STAR COMPONENTS MUST BE SUPPLIED WITH STAR SHOP DRAWINGS AND STAMPED BY THE PROFESSIONAL ENGINEER IN RESPONSIBLE CHARGE, IN THE STATE IN WHICH THE PROJECT IS LOCATED.

- REFER TO ARCHITECTURAL DRAWINGS FOR STAIR FRAMING AND CONFIGURATION.

- LANDING BEAMS AND ANY ADDITIONAL SUPPORTS BEYOND WHAT IS SHOWN IN THE CONTRACT DOCUMENTS TO BE DESIGNED AND PROVIDED BY THE STAR SUPPLIER.

DESIGN LOADS:

- STAR LIVE LOAD SHALL BE 100 PSF, NON-REDUCIBLE.
- STAR CONSTRUCTION SHALL BE:
 - WHERE SPECIFICALLY NOTED, PRECAST CONCRETE STARS WITH ARCHITECT-SPECIFIED FINISHING, HAVING A TOTAL AVERAGE DEAD LOAD OF NOT MORE THAN 150 PSF
 - METAL PAN WITH 1/2" NORMAL WEIGHT CONCRETE FILL ON TREADS AND INTERMEDIATE LANDINGS, HAVING A TOTAL AVERAGE DEAD LOAD OF NOT MORE THAN 50 PSF
 - METAL PAN WITH ARCHITECT-SPECIFIED FINISHES, HAVING A TOTAL AVERAGE DEAD LOAD OF NOT MORE THAN 50 PSF.

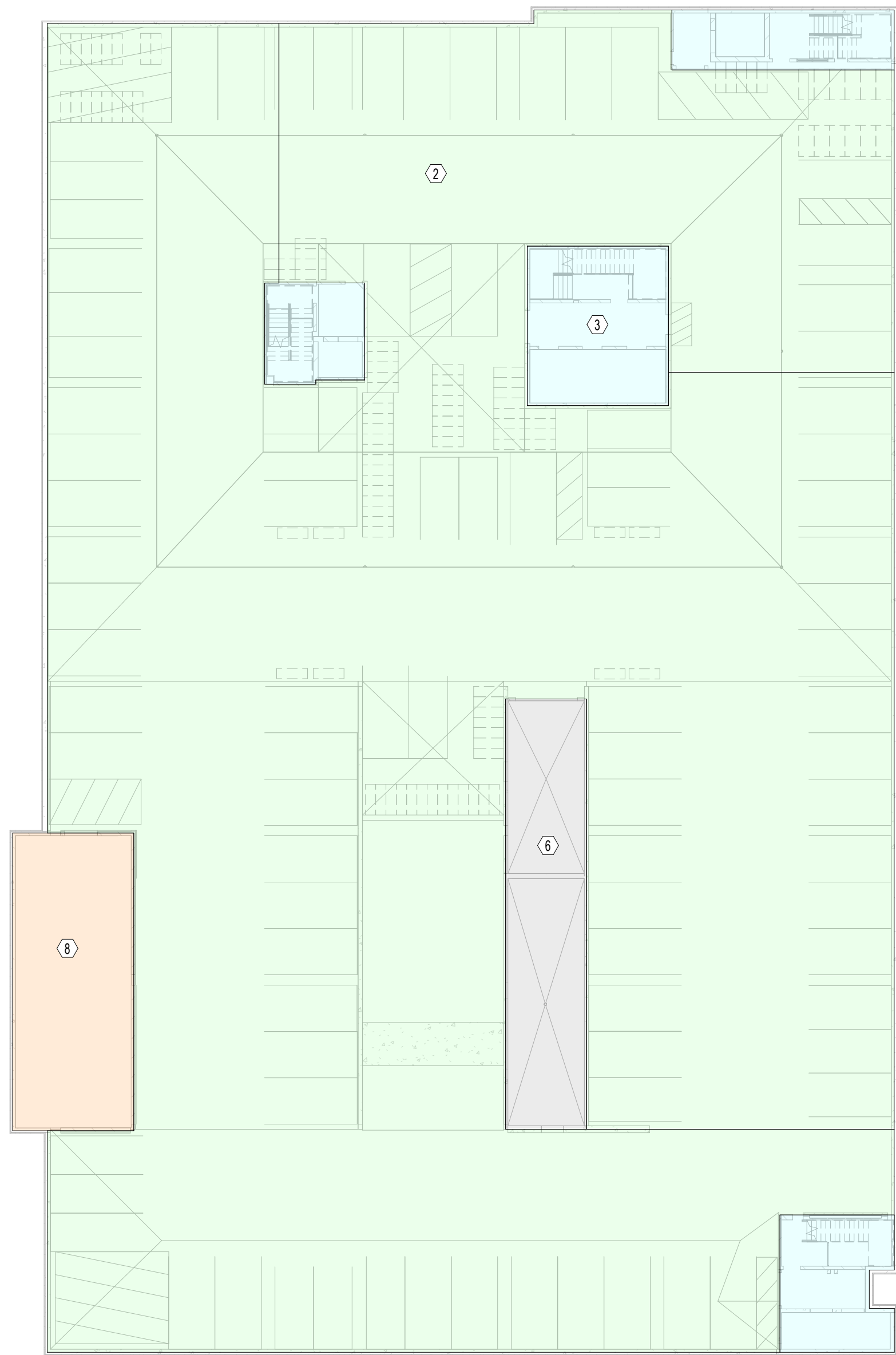
CONNECTIONS TO BASE BUILDING STRUCTURE

- CONNECTION OF STAIRS TO THE BASE BUILDING STRUCTURE SHALL BE DESIGNED AND SUPPLIED BY THE STAR SUPPLIER SUBJECT TO THE CONDITIONS INDICATED HEREIN AND COORDINATED WITH ALL OTHER TRADES AND SUBCONSULTANTS. SIGNED AND SEALED STAR DESIGNS, INCLUDING CONNECTION LOCATIONS AND LOADS, SHALL BE PROVIDED PRIOR TO OR CONCURRENT WITH THE REVIEW OF SHOP DRAWINGS FOR THE SUPPORTING BASE BUILDINGS STRUCTURAL ELEMENTS. CONNECTION CALCULATIONS SHALL INCLUDE CONSIDERATION OF ALL LOCAL EFFECTS IMPOSED ON THE SUPPORTING MEMBERS.
- CONNECTIONS FOR INTERMEDIATE LANDINGS ARE ASSUMED TO BE MADE AT THE FAR END OF THE STAR 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 STAR SHOP DRAWINGS.
- ALL LOADS APPLIED TO BASE BUILDING 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.
- POST-INSTALLED ATTACHMENT TO POST-TENSIONED BEAMS AND SLABS SHALL BE AVOIDED.

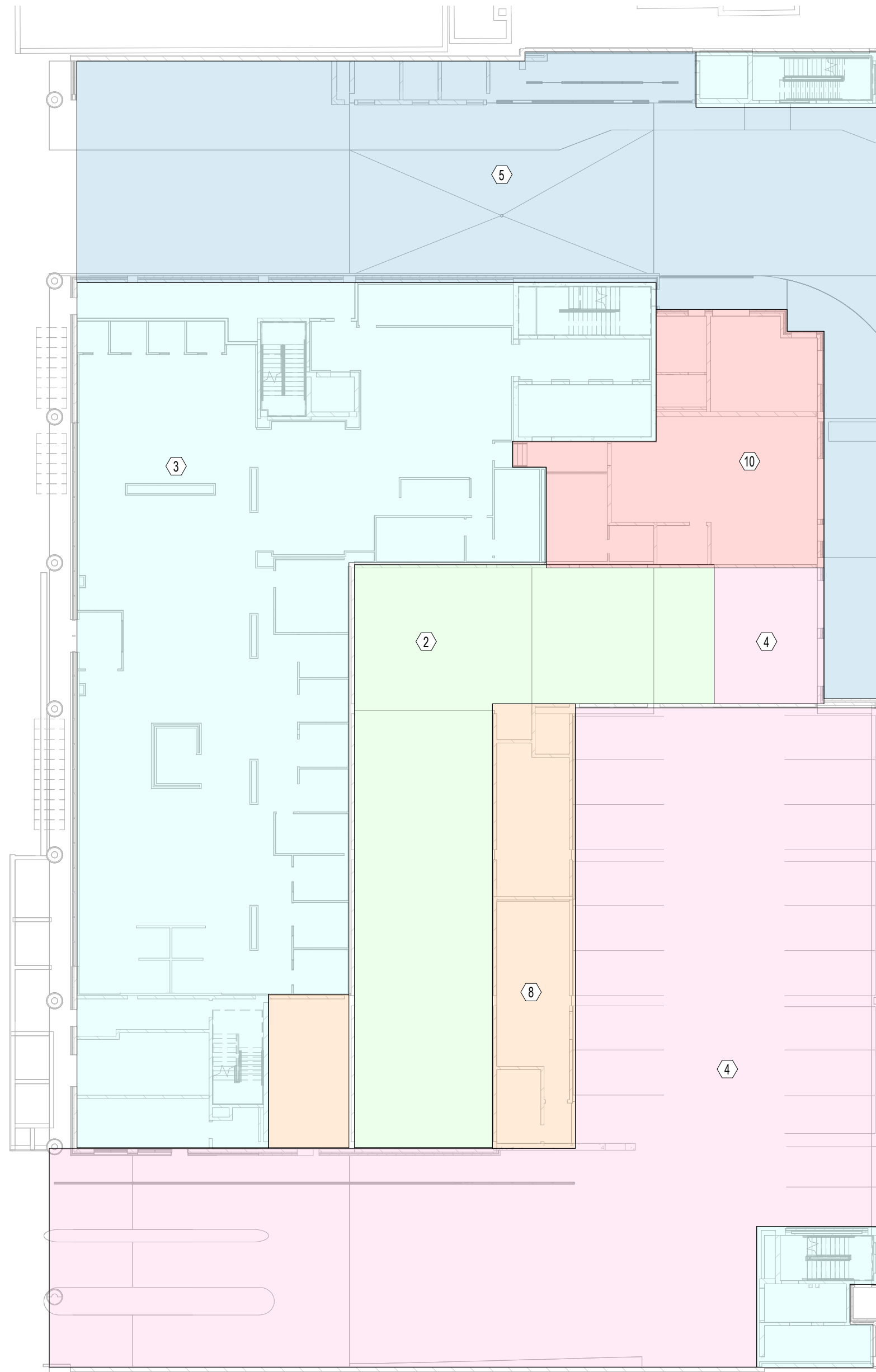
DELEGATED DESIGN PERFORMANCE CRITERIA DEFLECTION LIMITS				
MEMBERS	LIVE	SNOW OR WIND	DEAD + LIVE OR SNOW	
ROOF MEMBERS				
SUPPORTING GYPSUM BOARD CEILINGS	L/360	L/360	L/240	
SUPPORTING FLEXIBLE CEILINGS	L/360	L/360	L/240	
NOT SUPPORTING CEILINGS	L/240	L/240	L/180	
SUPPORTING RIGID MATERIALS (BRICK, 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	
UNIT / 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:

- 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.
- SEISMIC SUPPORT, BRACING, AND ANCHORAGE OF NONSTRUCTURAL COMPONENTS SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR AS REQUIRED BY GOVERNING CODE.
- 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 ENGINEER OF RECORD.
- PENETRATIONS THROUGH, CONNECTIONS TO, AND ITEMS EMBEDDED WITHIN STRUCTURAL MEMBERS SHALL NOT NEGATIVELY IMPACT THE PERFORMANCE OF THE BASE BUILDING STRUCTURE.
- 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 BY 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.
- 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.
- UNDERGROUND
 - A. THE INFLUENCE AREA OF A FOOTING OR MAT SHALL BE DEFINED AS THE FRUSTUM 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.</



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



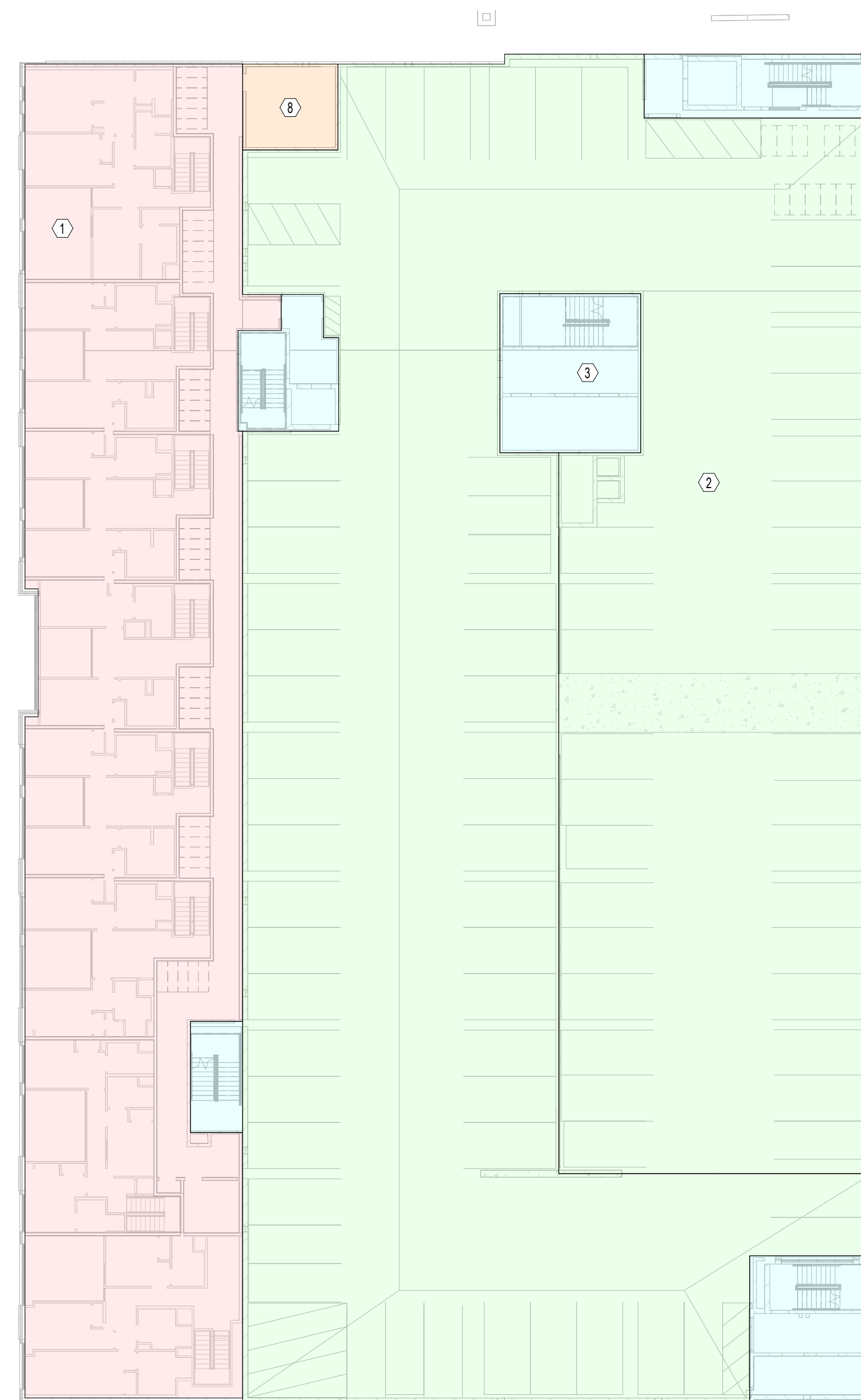
2 1ST FLR LOADING PLAN
SCALE: 3/64" = 1'-0"



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



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



5 P4 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' TYPING	SELF-WEIGHT + 10 PSF	50 PSF
⑤	BUS TERMINAL - 8' TYPING	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' TYPING	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:

- 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.
- LOADS ARE PROVIDED FOR REFERENCE ONLY.
- SNOW DRIFTS AT PARAPETS / SCREEN WALLS ARE CALCULATED PER ASCE 7-10.
- ALL LOADS ARE SUPERIMPOSED (NOT INCLUDING STRUCTURE SELF-WEIGHT).
- INTERIOR WALLS NOT SHOWN.
- 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.
- PERIMETER LOADS OF 15 PSF FOR GLAZING OR CMF INFILL + METAL PANEL USED, UNO.



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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

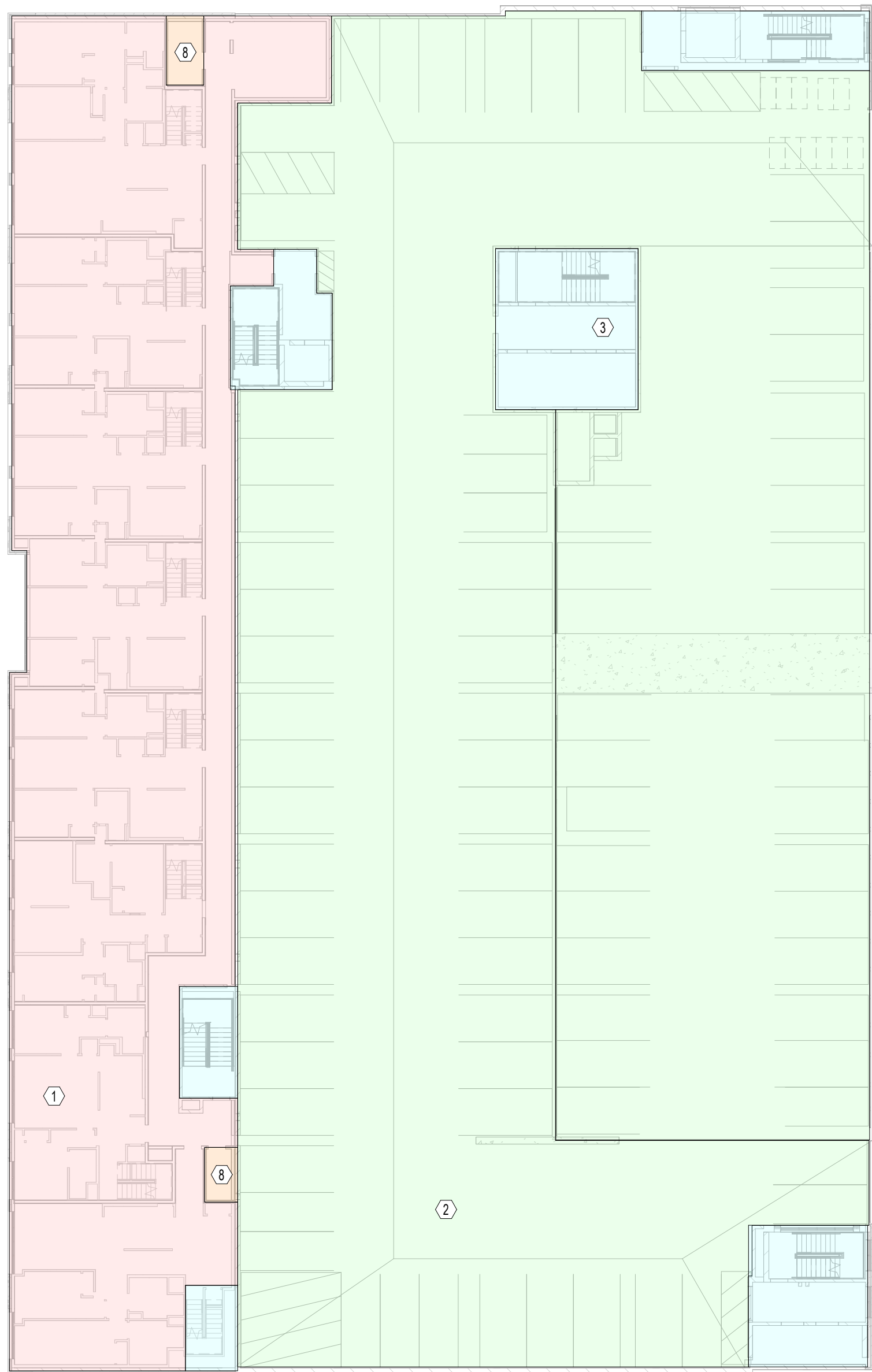
PROJECT MANAGER

PROJECT NUMBER 720448

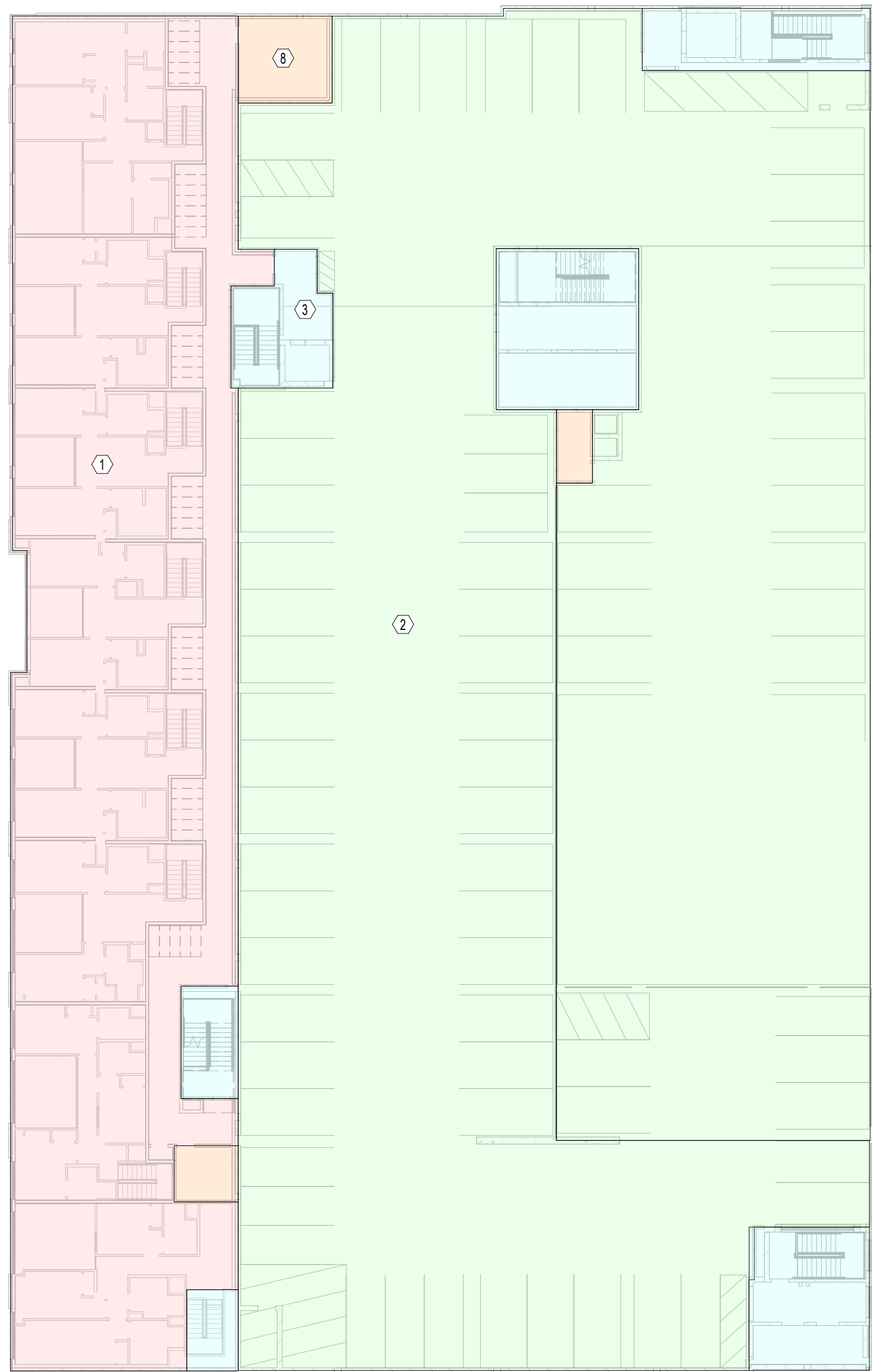
LOADING PLANS

S0010

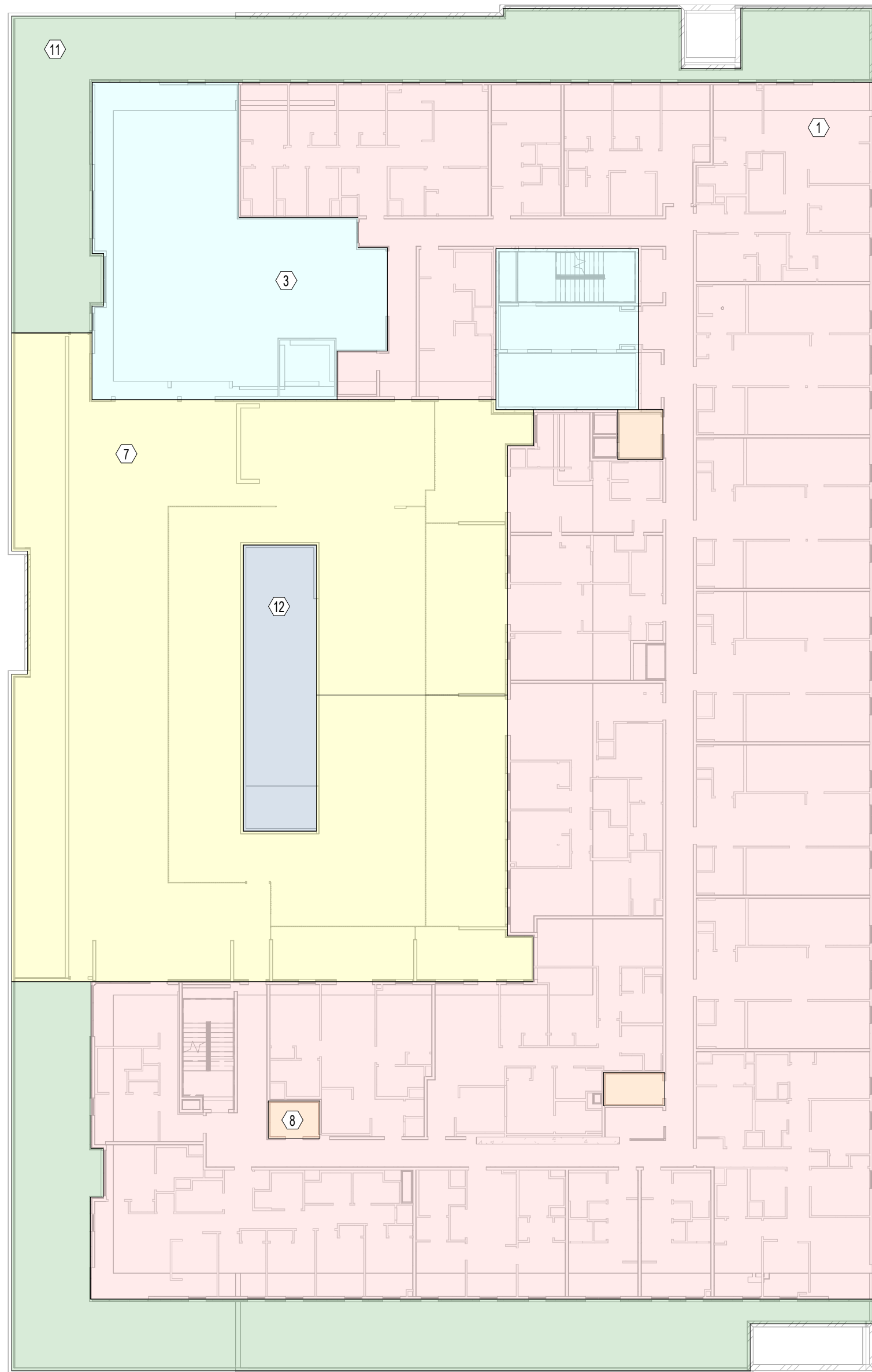
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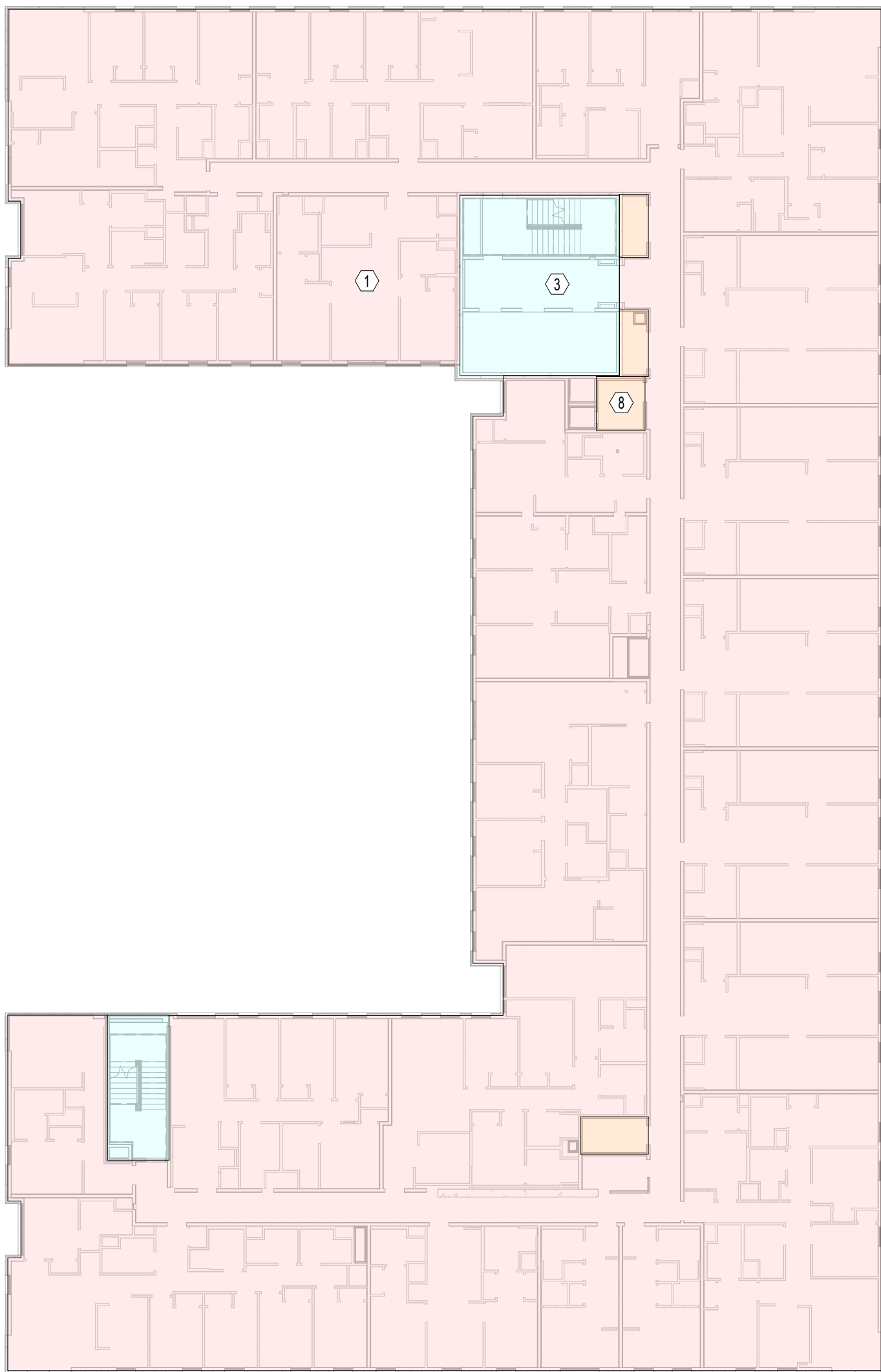
1 P5 FLR LOADING PLAN
S0111 SCALE: 3/64" = 1'-0"



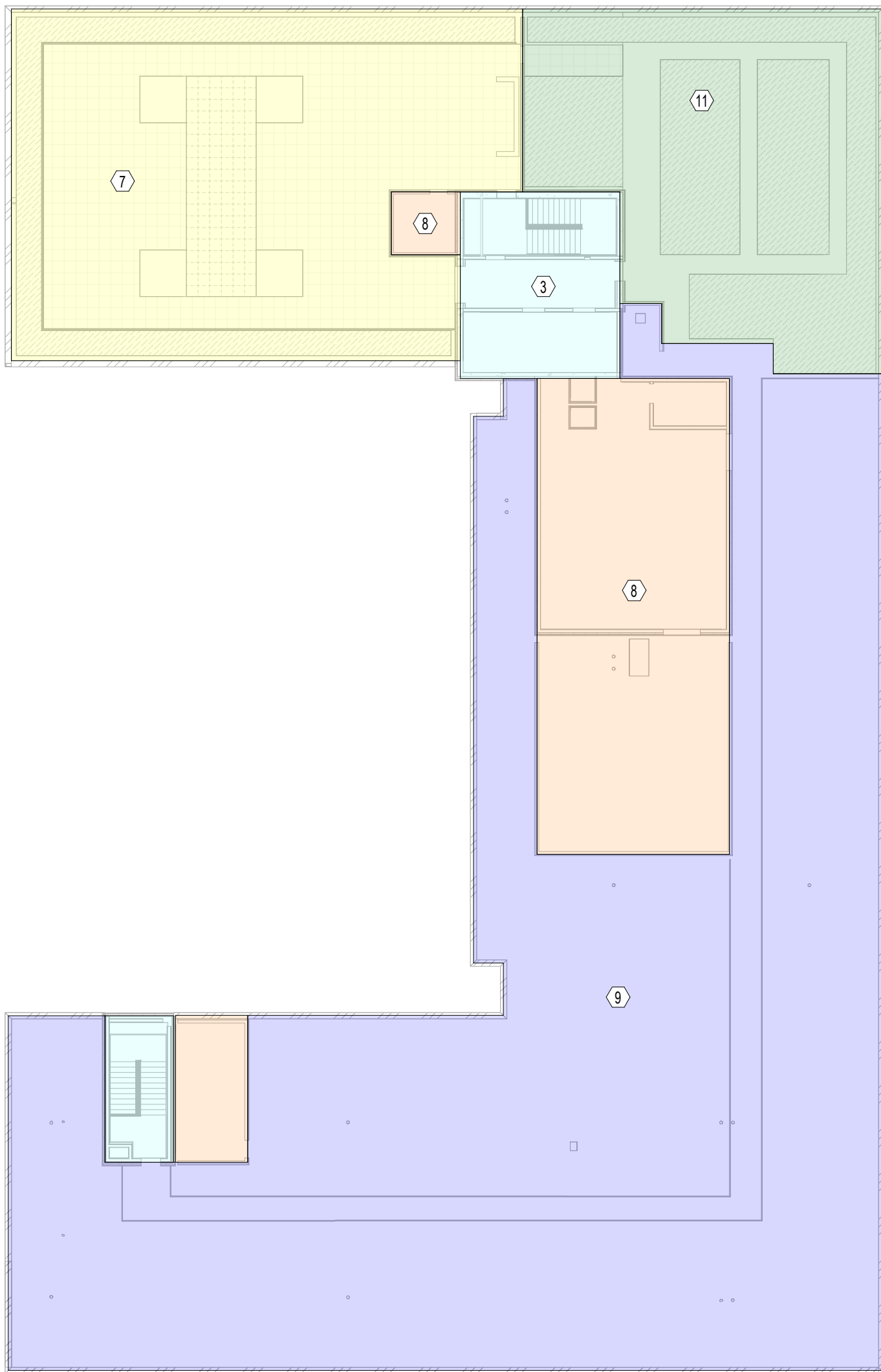
2 P6 FLR LOADING PLAN
S0111 SCALE: 3/64" = 1'-0"



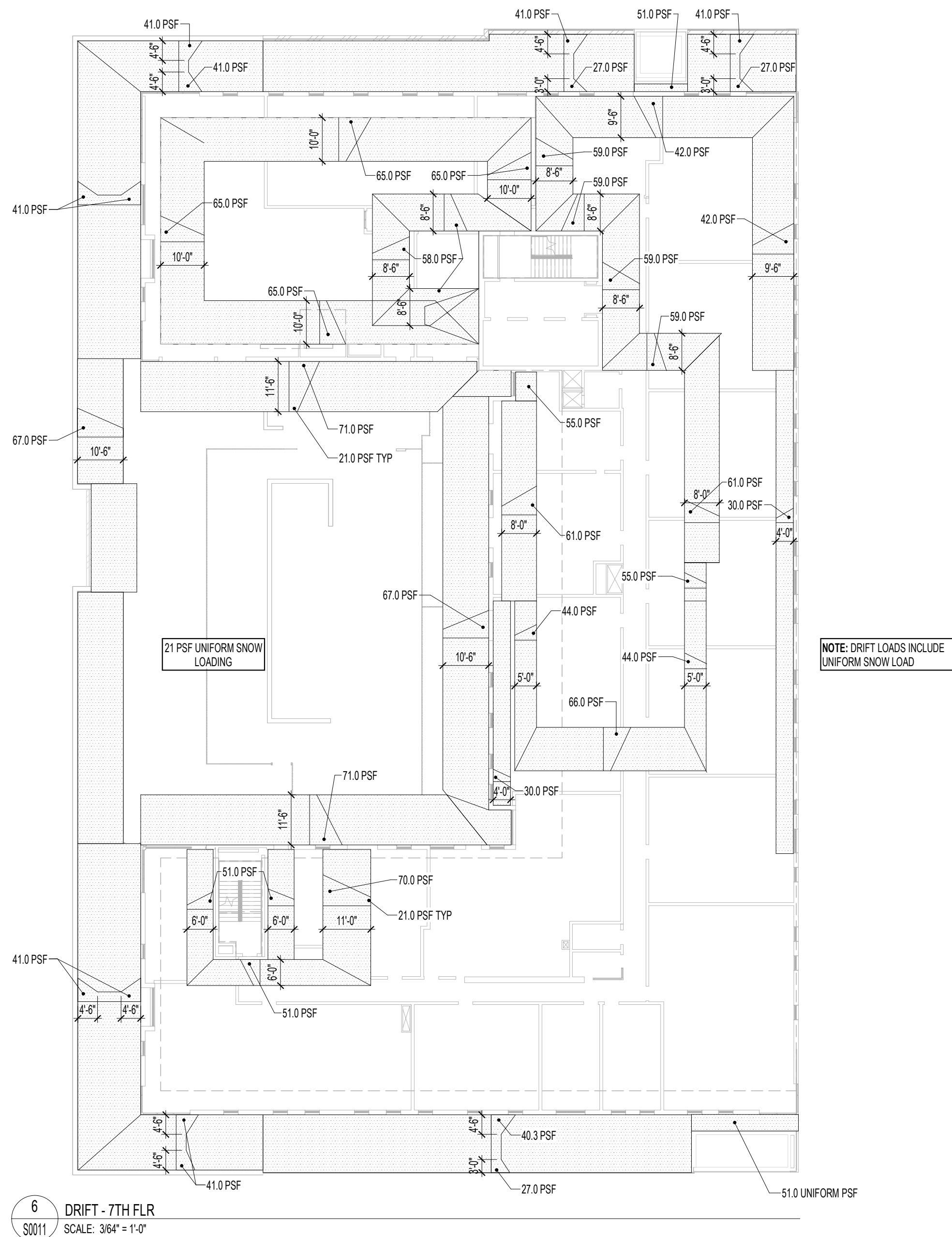
3 7TH FLR LOADING PLAN
S0111 SCALE: 3/64" = 1'-0"



4 8TH - 15TH FLR LOADING PLAN
S0111 SCALE: 3/64" = 1'-0"



5 ROOF LOADING PLAN
S0111 SCALE: 3/64" = 1'-0"



6 DRIFT - 7TH FLR
S0111 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 / 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:

- 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.
- LOADS ARE PROVIDED FOR REFERENCE ONLY.
- SNOW DRIFTS AT PARAPETS / SCREEN WALLS ARE CALCULATED PER ASCE 7-10.
- ALL LOADS ARE SUPERIMPOSED (NOT INCLUDING STRUCTURE SELF-WEIGHT).
- INTERIOR WALLS NOT SHOWN.
- 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.
- PERIMETER LOADS OF 15 PSF FOR GLAZING OR CMF INFILL + METAL PANEL USED UNO.



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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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PROJECT INFORMATION

STATE STREET
CAMPUS GARAGE
MIXED-USE

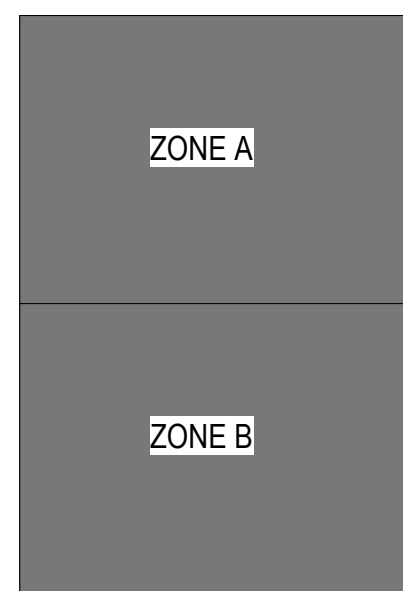
415 N. LAKE STREET
MADISON, WI 53715

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

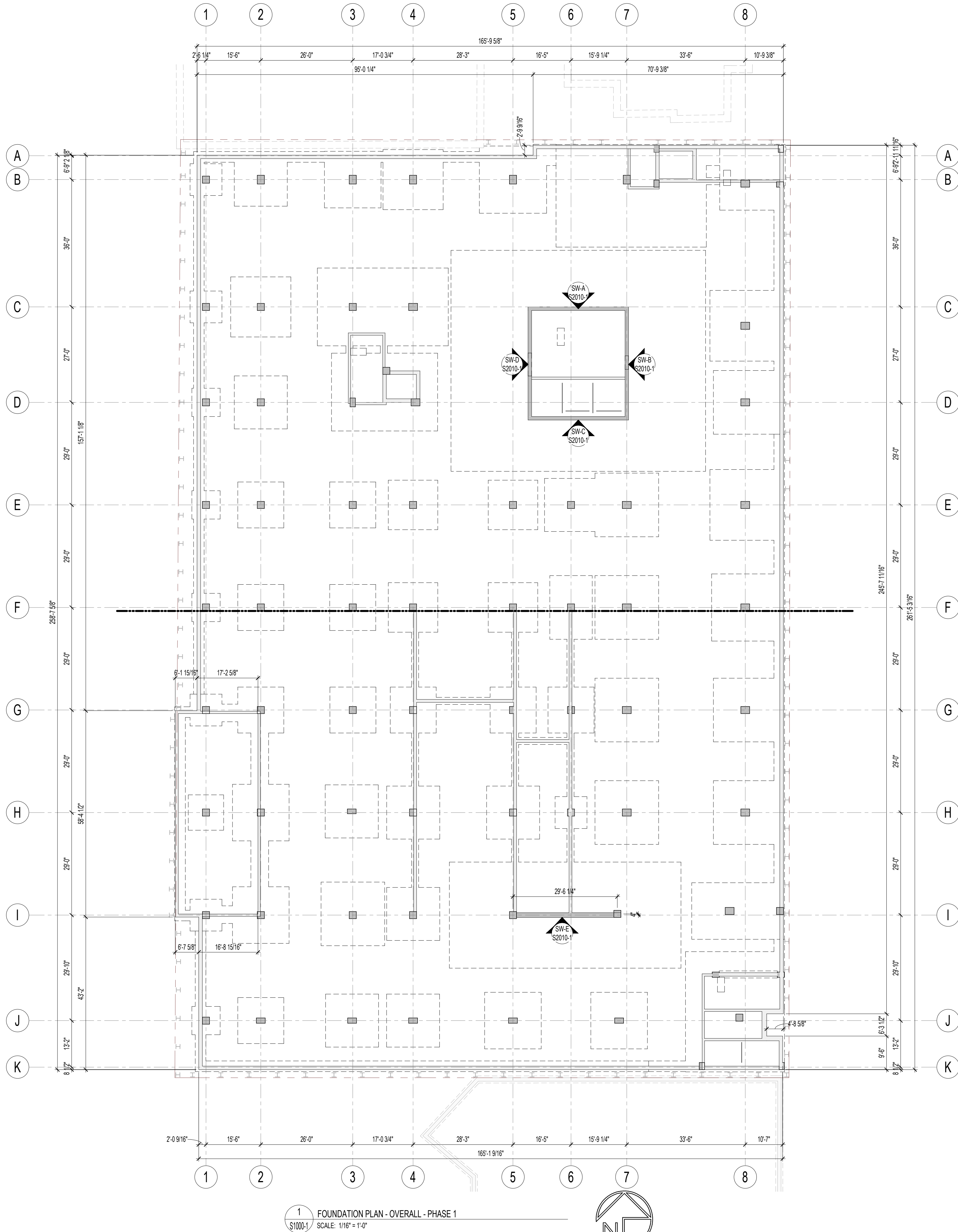
PROJECT MANAGER

PROJECT NUMBER 720448

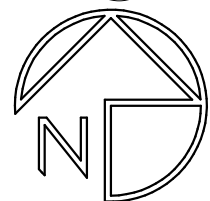
FOUNDATION PLAN -
OVERALL - PHASE 1

S1000-1

FOUNDATION PLAN NOTES:	
PLAN NOTES APPLY TO ALL FOUNDATION PLANS. INDIVIDUAL NOTES DO NOT NECESSARILY APPLY TO ALL SHEETS.	
1.	REFER TO S3000 SERIES SHEETS FOR GENERAL NOTES AND SCHEDULES.
2.	REFER TO S3000 SERIES SHEETS FOR TYPICAL FOUNDATION DETAILS NOT OUT 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 8 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 302.1 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 4S3001-1 AT OPENINGS LESS THAN 8'-0" WIDE. COORDINATE WITH SEOR FOR OPENINGS LARGER THAN 8'-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 [FOOTINGS] [PILE CAP] ELEVATIONS w/ ALL UNDERGROUND UTILITY WORK. NOTIFY SEOR OF ANY CONFLICTS.
FOUNDATION PLAN KEYED NOTES:	
KEYED NOTES APPLY TO ALL FOUNDATION PLANS. ALL NOTES DO NOT NECESSARILY APPEAR ON ALL SHEETS.	
(1)	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 S4001-1. PROVIDE STEEL CONNECTIONS PER 2IS421-1.
(2)	#4 x4'-0" CENTERED IN THICKNESS OF SLAB ON GROUND AND LOCATED AT RE-ENTRANT CORNERS. TYPICAL.
(3)	REFER TO DETAIL 4S3001-1 FOR REINFORCING AT WALL OPENING.
(4)	THICKENED STAIR FOOTING PER S/S3002-1. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.
(5)	HSS8X11/4 (LSV) DIVIDER BEAM UNO. PROVIDE EMBED FOR ELEVATOR DIVIDER BEAM PER 15S410. GC TO COORDINATE DIVIDER BEAM SIZES, LOCATIONS, AND ADDITIONAL STEEL REQUIREMENTS w/ ELEVATOR SUPPLIER.

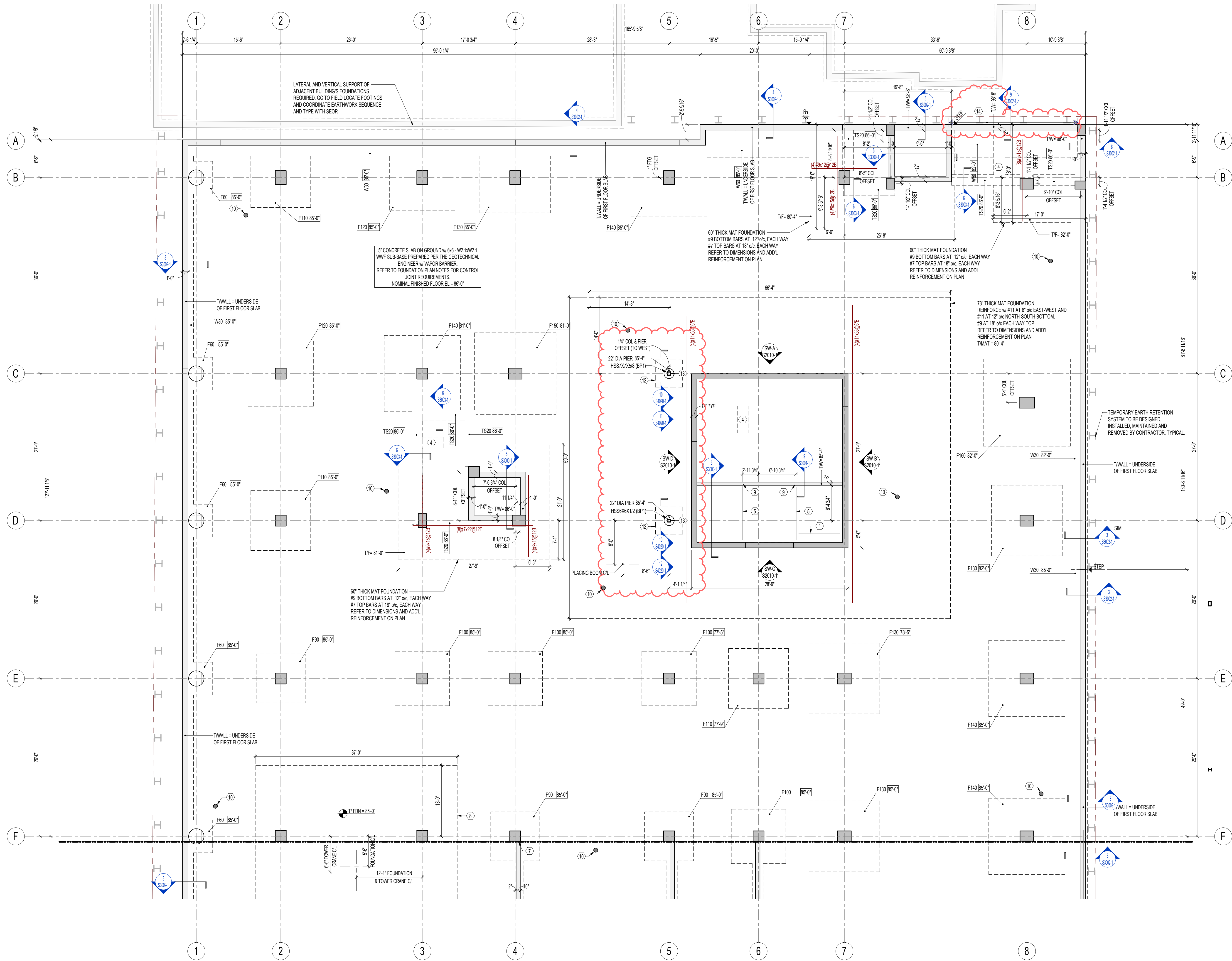


1 FOUNDATION PLAN - OVERALL - PHASE 1
SCALE: 1/16" = 1'-0"

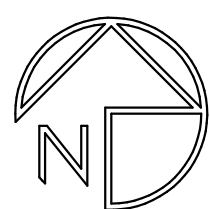


LEDGE LINE	ISOLATED FOOTING MARK, REFER TO ISOLATED FOOTING SCHEDULE.
WALL FOOTING MARK, REFER TO WALL FOOTING SCHEDULE.	TOP OF FOOTING ELEVATION
TOP OF FTG ELEVATION	TOP OF CONC PIER ELEVATION
CONTROL JOINT	CONCRETE PER MARK, REFER TO CONCRETE PIER SCHEDULE
TOP OF WALL ELEVATION	FOOTING LINES
TOP OF LEDGE ELEVATION	WALL LINES

FOUNDATION LEGEND



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



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

1. REFER TO S3000 SERIES SHEETS FOR GENERAL NOTES AND SCHEDULES.

2. REFER TO S3000 SERIES SHEETS FOR TYPICAL FOUNDATION DETAILS NOT OUT 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 8 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, DERESSED SLABS, ETC.). COORDINATE SLAB CONTROL JOINTS LAYOUT WITH ARCHITECT. SLAB ON GROUND CONSTRUCTION SHALL CONFORM TO ACI 308.1 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 ELEVATIONS w/ ALL UNDERGROUND UTILITY WORK. NOTIFY SEOR OF ANY CONFLICTS.

FOUNDATION PLAN KEYED NOTES:
KEYED NOTES APPLY TO ALL FOUNDATION PLANS.
ALL NOTES DO NOT NECESSARILY APPEAR ON ALL SHEETS.

1. FUTURE PHASE 2 HSS8X43X8 (LSV) BEAMS REQUIRED AT REAR OF ELEVATORS. GC TO COORDINATE LOCATION AND ADDITIONAL REQUIREMENTS WITH ELEVATOR PROVIDER. PROVIDE EMBED PER S3400-1.

2. 2x #4 x 4'-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 S3002-1, REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.

5. HSS8X43X8 (LSV) DIVIDER BEAM, UNO. PROVIDE EMBED FOR ELEVATOR DIVIDER BEAM PER S3400-1. HALFTONE BEAMS TO BE PLACED IN PHASE 2; GC TO PROVIDE EMBEDS. GC TO COORDINATE DIVIDER BEAM SIZES, LOCATIONS, AND ADDITIONAL STEEL REQUIREMENTS w/ ELEVATOR SUPPLIER.

6. COLUMN AND FOUNDATION WALL TO BE POURED SEPARATELY.

7. PROVIDE 1/4" SOFT JOINT BETWEEN WALL OR COLUMN AND PERPENDICULAR WALL. REFER TO DETAIL 3/S4002-1.

8. TOWER CRANE FOUNDATION, REFER TO TOWER CRANE DRAWINGS. GC TO COORDINATE LOCATION.

9. HALFTONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT. REFER TO DETAILS.

10. PRESSURE RELIEF PORT THROUGH SLAB ON GROUND PER GEOTECHNICAL RECOMMENDATIONS. REFER TO GEOTECH & PLUMBING FOR EXACT LOCATIONS & DETAILS.

11. ELECTRICAL VAULT SLUMP PIT. VERIFY DEPTH & DIMENSIONS. PITCH FLOOR AT 1% GRADE TO PIT. REFER TO 4/S3004-1 FOR PIT DETAIL.

12. SAW CUT AND REMOVE EXISTING SLAB ON GRADE AS REQUIRED TO INSTALL NEW PIER.

13. STEEL COLUMNS TO RECEIVE INTUMESCENT PAINT FINISH.

14. TO ACHIEVE INDICATED WALL ELEVATION, DRILL AND EPOXY #5 DOWELS AT 18" o.c. INTO TOP OF WALL, CENTERED ON WALL, EMBED TO 12" MIN.

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PE

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PE Project: 22019

PROJECT INFORMATION
**STATE STREET
CAMPUS GARAGE
MIXED-USE**

415 N. LAKE ST
MADISON, WI 53715

ISSUANCE AND REVISIONS	
DATE	DESCRIPTION
05-05-2023	SCHEMATIC DESIGN PH1
07-28-2023	DESIGN DEVELOPMENT PH1
10-02-2023	CONSTRUCTION DOCUMENTS PH1
11-02-2023	PH1, AD02
02-15-2024	PH1, CB02
03-28-2024	PH1, CB04
04-24-2024	PH1, CB05
05-21-2024	PH1, CB06
11-14-2024	PH1, CB11

KEY PLAN

ZONE A

ZONE B

SHEET INFORMATION

PROJECT MANAGER
PROJECT NUMBER

FOUNDATION PLAN -
ZONE A - PHASE 1

S1000-A-1

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FOUNDATION LEGEND

LEDGE LINE
WALL FOOTING
MARK, REFER TO
WALL FOOTING
SCHEDULE

ISOLATED FOOTING
MARK, REFER TO
ISOLATED FOOTING
SCHEDULE

TOP OF FTG
ELEVATION
CONTROL
JOINT

TOP OF CONC
PIER ELEVATION
CONCRETE PER MARK,
REFER TO CONCRETE
PIER SCHEDULE

TOP OF WALL
ELEVATION

TOP OF LEDGE
ELEVATION

W20 [86'-0"]
P1 [86'-0"]

TOP OF FOOTING
ELEVATION

TOP OF CONC
PIER ELEVATION
CONCRETE PER MARK,
REFER TO CONCRETE
PIER SCHEDULE

FOOTING LINES

WALL LINES

PROJECT INFORMATION

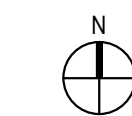
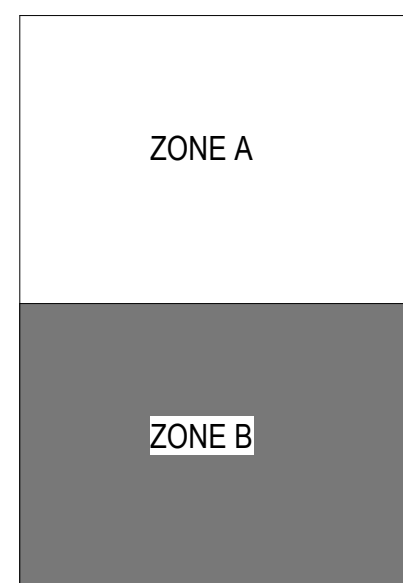
STATE STREET
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04-24-2024	PH1, CB05
05-21-2024	PH1, CB06
10-11-2024	PH1, CB10

KEY PLAN



SHEET INFORMATION

PROJECT MANAGER

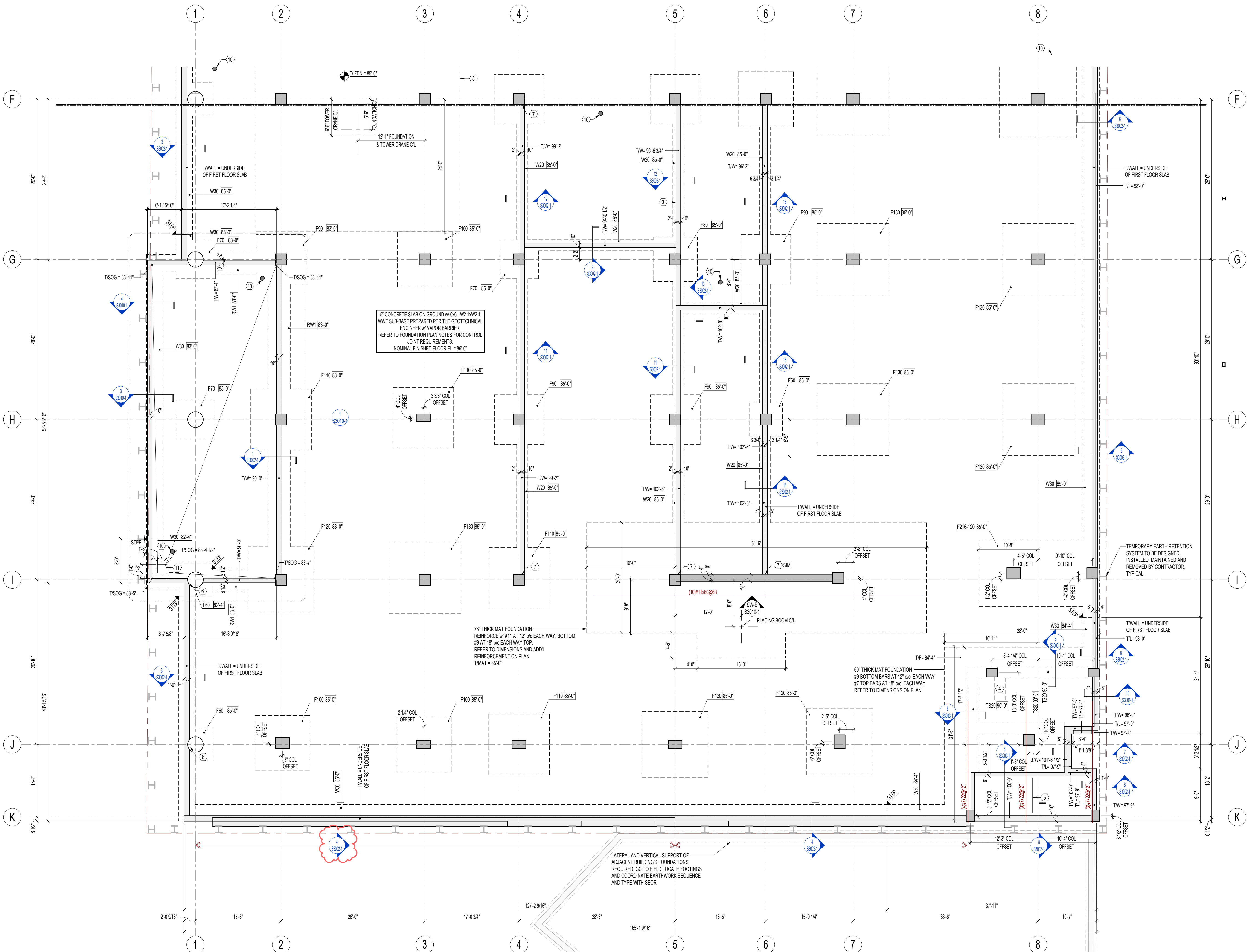
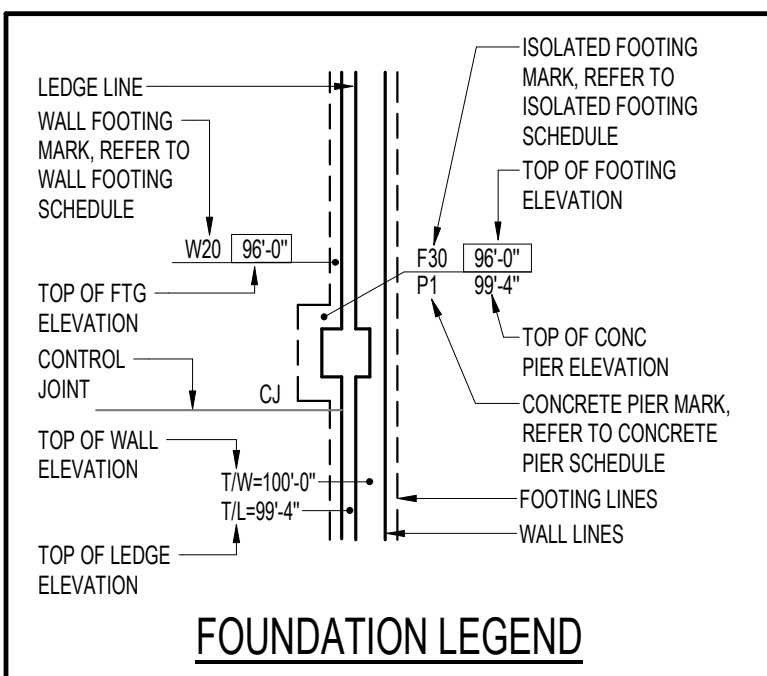
PROJECT NUMBER 720448

FOUNDATION PLAN -
ZONE B - PHASE 1

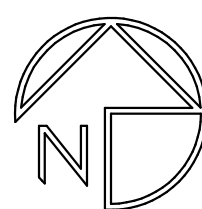
S1000-B-1

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FOUNDATION PLAN NOTES:	
PLAN NOTES APPLY TO ALL FOUNDATION PLANS. INDIVIDUAL NOTES DO NOT NECESSARILY APPLY TO ALL SHEETS.	
1.	REFER TO S3000 SERIES SHEETS FOR GENERAL NOTES AND SCHEDULES.
2.	REFER TO S3000 SERIES SHEETS FOR TYPICAL FOUNDATION DETAILS NOT OUT 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 8 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 308.1 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 8'-0" WIDE. COORDINATE WITH SEOR FOR OPENINGS LARGER THAN 8'-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 ELEVATIONS w/ ALL UNDERGROUND UTILITY WORK. NOTIFY SEOR OF ANY CONFLICTS.
FOUNDATION PLAN KEYED NOTES:	
KEYED NOTES APPLY TO ALL FOUNDATION PLANS. ALL NOTES DO NOT NECESSARILY APPEAR ON ALL SHEETS.	
(1)	FUTURE PHASE 2 HSS8X43X8 (LSV) BEAMS REQUIRED AT REAR OF ELEVATORS. GC TO COORDINATE LOCATION AND ADDITIONAL REQUIREMENTS WITH ELEVATOR PROVIDER. PROVIDE EMBED PER S34001-1.
(2)	2x44 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 S33002-1, REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.
(5)	HSS8X43X8 (LSV) DIVIDER BEAM UNO. PROVIDE EMBED FOR ELEVATOR DIVIDER BEAM PER S34001-1. HALFTONE BEAMS TO BE PLACED IN PHASE 2; GC TO PROVIDE EMBEDS. GC TO COORDINATE DIVIDER BEAM SIZES, LOCATIONS, AND ADDITIONAL STEEL REQUIREMENTS w/ ELEVATOR SUPPLIER.
(6)	COLUMN AND FOUNDATION WALL TO BE POURED SEPARATELY.
(7)	PROVIDE 1' MIN. SOFT JOINT BETWEEN WALL OR COLUMN AND PERPENDICULAR WALL. REFER TO DETAIL 3/S4002-1.
(8)	TOWER CRANE FOUNDATION, REFER TO TOWER CRANE DRAWINGS. GC TO COORDINATE LOCATION.
(9)	HALFTONE STEEL FRAMING PART OF PHASE 2, STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.
(10)	PRESSURE RELIEF PORT THROUGH SLAB ON GROUND PER GEOTECHNICAL RECOMMENDATIONS. REFER TO GEOTECH & PLUMBING FOR EXACT LOCATIONS & DETAILS.
(11)	ELECTRICAL VAULT SLUMP PIT. VERIFY DEPTH & DIMENSIONS. PITCH FLOOR AT 1% GRADE TO PIT. REFER TO S33010-1 FOR PIT DETAIL.



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





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PROJECT INFORMATION

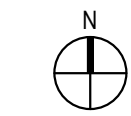
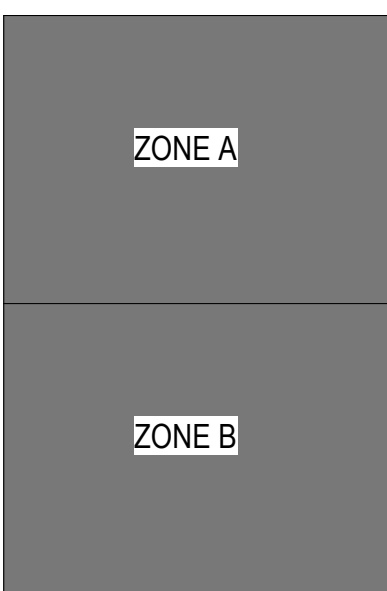
STATE STREET
CAMPUS GARAGE
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415 N. LAKE ST
MADISON, WI 53715

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10-02-2023	CONSTRUCTION DOCUMENTS PH1
11-02-2023	PH1_A002
12-19-2023	PH1_CB01
02-15-2024	PH1_CB02
03-18-2024	PH1_CB03
03-28-2024	PH1_CB04
04-24-2024	PH1_CB05
05-21-2024	PH1_CB06
07-19-2024	PH1_CB09
10-11-2024	PH1_CB10
05-28-2025	PH1_CB12

KEY PLAN



SHEET INFORMATION

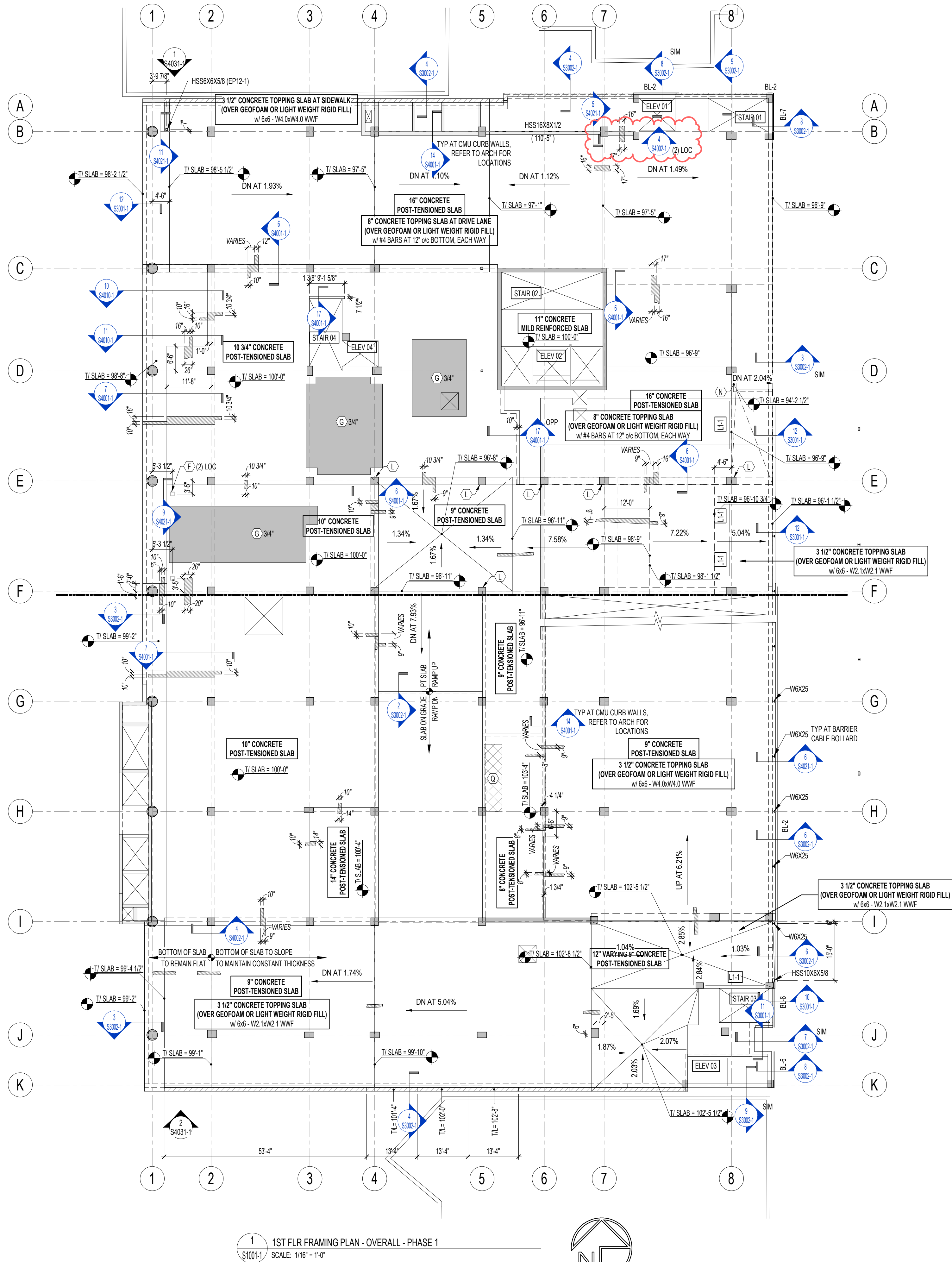
PROJECT MANAGER

PROJECT NUMBER

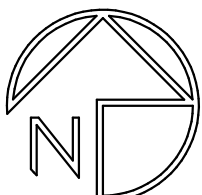
1ST FLR FRAMING
PLAN - OVERALL -
PHASE 1

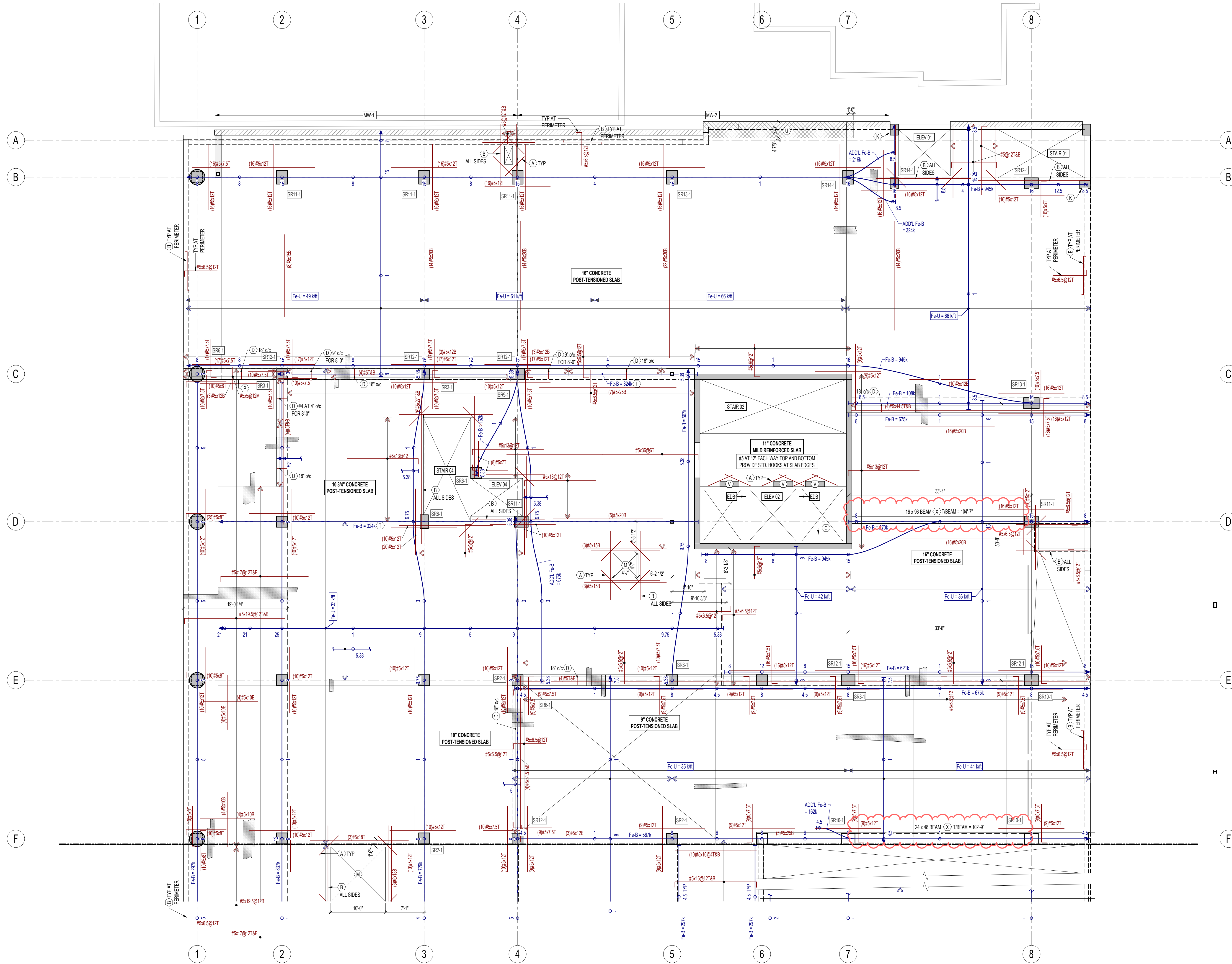
S1001-1

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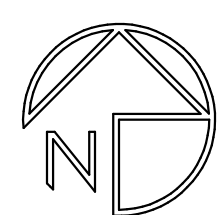


1 1ST FLR FRAMING PLAN - OVERALL - PHASE 1
S1001-1 SCALE: 1/16" = 1'-0"





1 1ST FLR FRAMING PLAN - ZONE A - PHASE 1
SCALE: 1/8\"/>



CONCRETE FRAMING PLAN GENERAL NOTES - PHASE 1

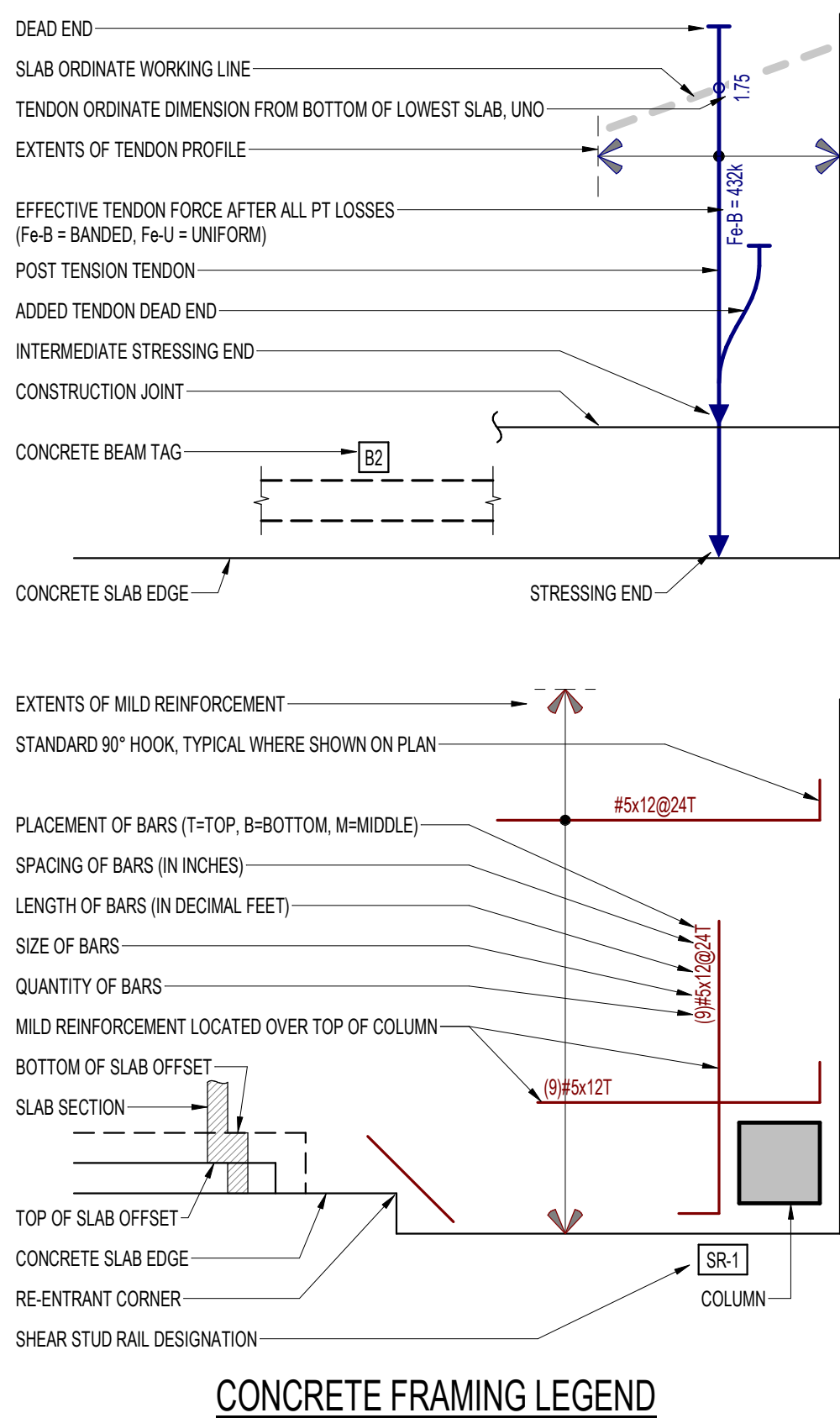
TOP OF SLAB ELEVATIONS UNLESS NOTED OTHERWISE ON PLAN:

LL	86'-0"	P4	136'-0"
1ST FLR - LAKE ST	100'-0"	P5	144'-0"
P2	114'-0"	P6	154'-0"
P3	124'-0"	7TH FLR	167'-0"

- REFER TO S300x1 SERIES FOR GENERAL STRUCTURAL NOTES, INCLUDING COMPONENT DESIGN CRITERIA.
- REFER TO S200x1 SERIES FOR CONCRETE COLUMN SCHEDULE.
- REFER TO S201x1 SERIES FOR CONCRETE SHEAR WALL ELEVATIONS.
- REFER TO S400x1 SERIES FOR CONCRETE SCHEDULES AND DETAILS NOT CUT ON PLAN.
- REFER TO 1/54001-1 FOR REINFORCEMENT AT SLAB OPENINGS, UNO.
- REFER TO ARCHITECTURAL, CIVIL, AND LANDSCAPE DRAWINGS FOR ALL EXTERIOR SITE CONCRETE INCLUDING PLANTERS, STAIRS, AND RAMPS.
- REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY WALL LOCATIONS, UNLESS NOTED OTHERWISE. PROVIDE MASONRY WALL REINFORCING PER MASONRY WALL SCHEDULES, UNLESS NOTED OTHERWISE.
- SLAB TENDON AND REBAR PLACEMENT NOTES:
 - REFER TO S54001-1 FOR TYPICAL SLAB TOP REBAR PLACEMENT AT COLUMNS.
 - BOTTOM BARS BETWEEN COLUMNS SHALL BE CENTERED AT MID-SPAN. SPACE BARS AT 4" o/c IN BANNED DIRECTION AND SPACE BARS EQUALLY BETWEEN BAYS IN UNIFORM DIRECTION.
 - HOOKED BARS SHOWN PERPENDICULAR TO SLAB EDGES, OPENINGS, OR WALLS SHALL BE PROVIDED ALONG ENTIRE LENGTH.
 - BANNED TENDON GROUPS SHALL BE CENTERED OVER COLUMNS TO THE GREATEST EXTENT POSSIBLE.
 - TENDON ANCHORS AT SLAB EDGES SHALL BE LOCATED AT SLAB MID-DEPTH UNO.
 - ALL TT ORIGINATES ARE REFERENCED FROM BOTTOM OF LOWEST SLAB, UNO.
- REFER TO DELEGATED DESIGN NOTES ON S3002 FOR STAIR CONSTRUCTION.
- "EDB" INDICATES HSS8x4x8 (LSV) ELEVATOR DIVIDER BEAM, UNO. PROVIDE EMBED EACH END PER S54001-1. HALF-TONE BEAMS TO BE PLACED IN PHASE 2 GC TO PROVIDE EMBEDS, GC TO COORDINATE BEAM SIZE, LOCATION, AND ADDITIONAL STEEL REQUIREMENTS W/ ELEVATOR SUPPLIER.
- PROVIDE CONCRETE WASH PER 4/54001-1 AT ALL PARKING SLABS.
- SLOPE TOP AND BOTTOM OF PARKING SLABS FOR DRAINAGE (SLABS TO BE CONSTANT THICKNESS EXCEPT WHERE CROCKETS ARE SHOWN).
- AT PARKING AND EXTERIOR EXPOSED SLABS, ALL MILD STEEL SHALL BE EPOXY COATED (INCLUDING CARRY BARS, BACKUP BARS, AND HARRIPS). SHEAR STUD RAILS SHALL BE GALVANIZED. SLAB SHALL RECEIVE A SLANE SEALER, REFER TO ARCHITECTURAL SPECIFICATIONS.
- REFER TO PLAN FOR BUILDUP 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 BUILDUP TO RECEIVE CURB PER 10/54001-1, UNO.

CONCRETE FRAMING PLAN KEYED NOTES - PHASE 1

- 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'-0" TOP AND BOTTOM
- 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)
- ADDITIONAL HSS8x4x8 (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 S54001-1. PROVIDE STEEL CONNECTIONS PER S54000-1.
- (3) STIRRUPS AT 12" o/c, FULL LENGTH OF OPENING, UNO. REFER TO PLAN FOR ALTERNATE INFO & EXTENTS.
- WIDEN 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.
- HALF-TONE STEEL FRAMING PART OF PHASE 2. STEEL SHOWN FOR PHASE 1 SLAB EMBED PLACEMENT, REFER TO DETAILS.
- SLAB DEPRESSION. REFER TO PLAN FOR DEPTH. VERIFY DEPTH AND EXTENTS W/ ARCH AND/OR INTERIOR DESIGN.
- HORIZONTAL BEAM PENETRATION. REFER TO PLAN FOR PENETRATION DIAMETER. VERIFY SIZE AND LOCATION W/ PLUMBING AND NOTIFY SEOR IF SLEEVE DIAMETER IS LARGER. ADD (4) STIRRUPS AT 4" o/c AT EACH SIDE OF PENETRATION. ADD STIRRUPS TO MATCH STIRRUPS IN BEAM SCHEDULE. PROVIDE REINFORCEMENT SIM TO S53001-1 AT EACH FACE OF BEAM. PROVIDE STD HOOKS AND/OR BEND BAR AS NEEDED AT TOP AND BOTTOM OF BEAM.
- NOT USED
- PROVIDE BOX-OUT IN SLAB FOR COLUMN ISOLATION. REFER TO S54000-1.
- PROVIDE ADDITIONAL COLUMN TIES AT SLAB ELEVATION TRANSITION. REFER TO S53000-1.
- TEMPORARY OPENING FOR TOWER CRANE OR PLACING BOOM. PROVIDE KEYWAY W/ #5 x 3'-0" BEND-IN DOVELS (OR FORM-SAVERS) CENTERED AT 12" o/c AROUND PERIMETER. REINFORCE INFILL SLAB W/ #5 AT 12" o/c EACH WAY BOTTOM MAT. HATCHED REGION INDICATES PARTIAL INFILL AT THE TEMPORARY OPENING FOR TOWER CRANE. PROVIDE STD HOOKS AT EDGE OF OPENING. PHASE 2 CONTRACTOR TO PROVIDE INFILL SLAB WHERE "PH2" IS NOTED.
- DROPPED SLAB AT TROUGH FOR GAS PIPE. REFER TO S54000-1.
- CONSTRUCTION JOINT W/ INTERMEDIATE STRESSING. REFER TO S54000-1.
- 4" THICK HOUSEKEEPING SLAB FOR MECHANICAL EQUIPMENT AT HATCHED REGION. VERIFY DEPTH AND EXTENTS W/ MEP AND/OR EQUIPMENT SUPPLIER. REFER TO S54000-1. PROVIDE HOUSEKEEPING SLABS AT ALL FLOOR-MOUNTED EQUIPMENT. VERIFY LOCATIONS W/ MEP.
- BARRIER CABLES ANCHOR TO CONCRETE COLUMN. REFER TO S52000-1.
- ADDED TENDON BANDS TO BE PLACED MID-DEPTH WEST OF GRID LINE 4. ADDED TENDONS TO FOLLOW UNIFORM ORIGINATES EAST OF GRID LINE 4.
- STRESSING ACCESS POCKET AT CROSSHATCHED AREA. REFER TO DIMENSIONS ON PLAN. REFER TO S54000-1 FOR REINFORCEMENT.
- TRENCH DRAIN CAST IN SLAB. REFER TO PLUMBING FOR LOCATION. PROVIDE 3/4" COVER FROM SLAB TOP BARS TO UNDERSIDE OF DRAIN.
- DUCT THROUGH TOP OF CMU WALL. REFER TO MEP FOR LOCATION & ELEVATION. OMIT BOND BEAM AT TOP OF WALL ABOVE DUCT AND PROVIDE 8" BOND BEAM BELOW DUCT. PROVIDE REINFORCED & GROUTED JAMBS SIM TO S54000-1. USE NON-STANDARD REINFORCEMENT BETWEEN DUCT & SLAB ABOVE IF REQUIRED.
- BEAM DOVELED INTO COLUMNS AND SHEAR WALL AND THROUGH-BOLTED TO SLAB. REFER TO GC DRAWINGS FOR BEAM DETAILS.



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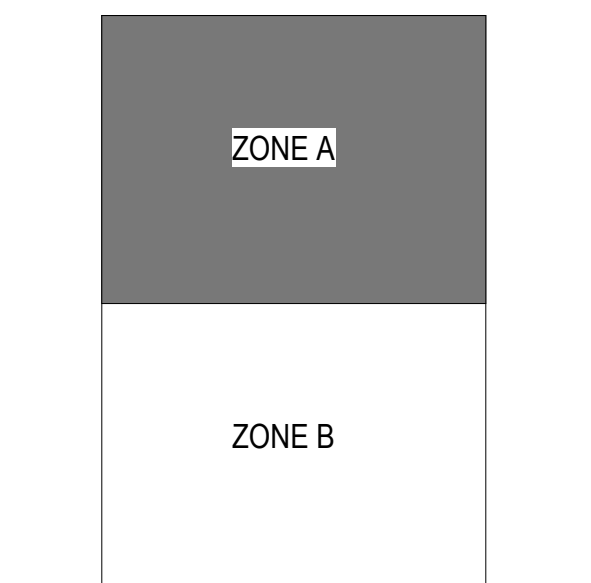
STATE STREET CAMPUS GARAGE MIXED-USE

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KEY PLAN

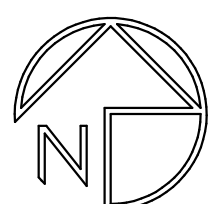


SHEET INFORMATION

PROJECT MANAGER
PROJECT NUMBER
1ST FLR FRAMING
PLAN - ZONE A -
PHASE 1

S1001-A-1

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