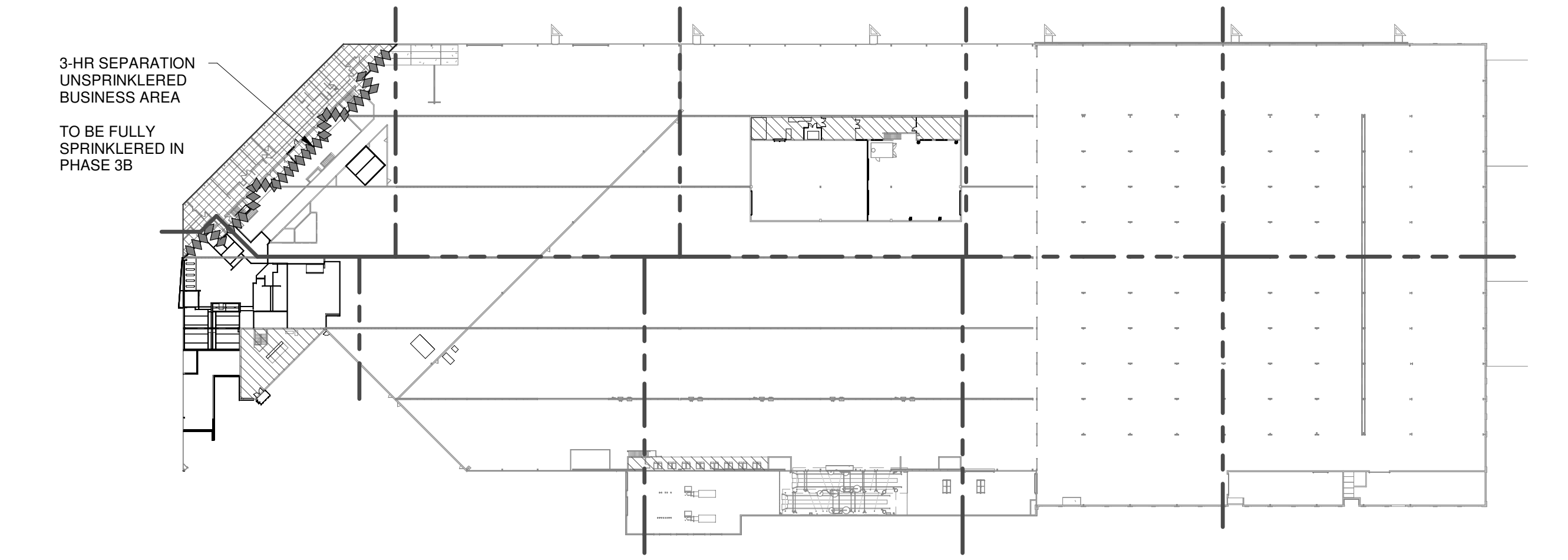


TRUE PLAN NORTH NORTH
1 OVERALL FIRST FLOOR CODE PLAN
 1" = 80'-0"



TRUE PLAN NORTH NORTH
2 OVERALL SECOND FLOOR CODE PLAN
 1" = 80'-0"

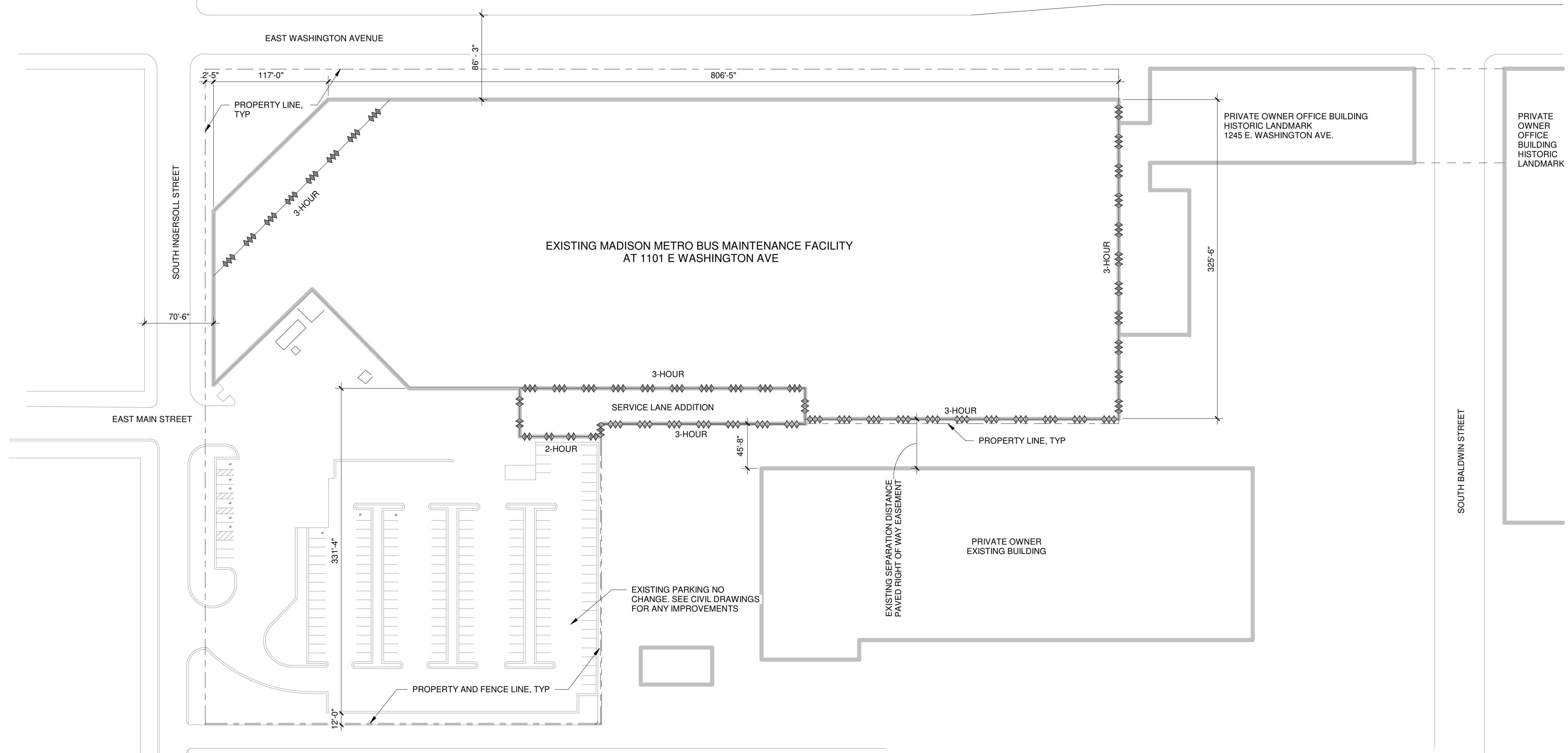
APPLICABLE CODES AND DESIGN CRITERIA	
Project Name and Location: Madison Metro Transit Metro Transit Phase 3A - Maintenance and Driver Facility Improvements 1101 E. Washington Ave. Madison, WI 53705	
Applicable Design Criteria and Codes:	
Building Code / Structural Code: International Building Code (IBC 2015) 2018 Wisconsin Commercial Building Code, Chapter SPS 362 International Fire Code 406.7 and 406.8	
Existing Building Code: International Existing Building Code (2015) 2018 Wisconsin Commercial Existing Building Code, Chapter SPS 366	
Work Area Method (301.1.2)	Defined Compliance Methods and Classifications of Work:
3A Work Area # 1: 3A Work Area # 2: 3A Work Area # 3: 3A Work Area # 4: 3A Work Area # 5:	Alteration - Level 2 (IEBC Section 504) Alteration - Level 2 (IEBC Section 504) Addition (IEBC Section 507) Alteration - Level 2 (IEBC Section 504) Alteration - Level 2 (IEBC Section 504)
Plumbing Code: Wisconsin Administrative Code, Chapters SPS 381 - SPS 384	
Mechanical Code: International Mechanical Code (IMC 2015) Wisconsin Administrative Code, Chapter SPS 364	
Electrical Code: National Electrical Code (NEC 2017) Wisconsin Administrative Code, Chapter SPS 316	
Fire/Life Safety Code: National Fire Protection Association, Chapter 1 (NFPA-1, 2012) Wisconsin Administrative Code, Chapters SPS 314 & SPS 330	
Accessibility Code: International Building Code, Chapter 11 (IBC 2015) Wisconsin Administrative Code, Chapter SPS 369	
Energy Code: International Energy Conservation Code, (IECC 2015) Wisconsin Administrative Code, Chapter SPS 363	
Gas Code: International Fuel Gas Code, (IFGC 2015) Wisconsin Administrative Code, Chapter SPS 365	
Boiler Code: Wisconsin Administrative Code, Chapter SPS 341	
Elevator Code: ASME A17.1-2013 Wisconsin Administrative Code, Chapter SPS 318	
Special Use Code: Repair Garages, Major NFPA 30A Code for Motor Fuel Dispensing Facilities and Repair Garages NFPA 70 National Electrical Code - Class 1, Division 2	

CODE PLAN GENERAL NOTES:

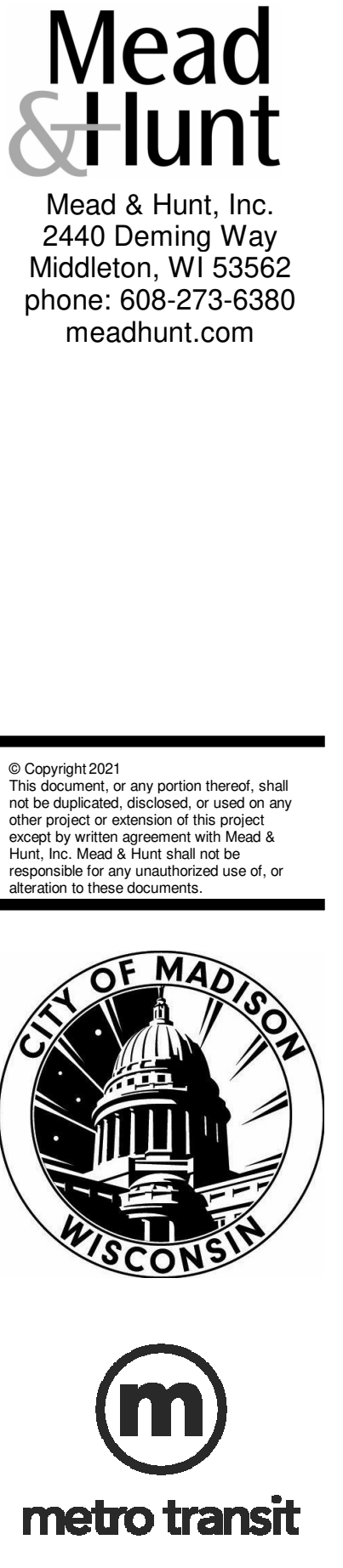
PROJECT SCOPE OF WORK AND DEFINITION OF THE PROJECT ALTERATIONS
 DEFINED AS AN ALTERATION AND ADDITION USING THE WORK AREA METHOD COMPLIANCE METHOD (IBC - 301.1.2) THE TOTAL COMBINED WORK AREA IS 36,051 SQ.FT. EACH AREA IS INDIVIDUALLY CLASSIFIED. THE ENTIRE PROJECT CONSISTS OF WORK AREAS AS DEFINED ON THE PLANS.
 1. THERE ARE FIVE (5) SEPARATE WORK AREAS EACH INDIVIDUALLY CLASSIFIED BY THE CLASSIFICATION OF WORK IN CHAPTER FIVE OF THE WISCONSIN EXISTING BUILDING CODE.
 2. THE EGRESS SYSTEM IS CHANGED IN ALTERATIONS AREA 2-4. THE EXIT ACCESS, EXITS, AND EXIT DISCHARGE IS SHOWN ON THE LIFE SAFETY PLANS. ON G-021 AND G-022.
 3. REFER TO EACH INDIVIDUAL WORK AREA FOR THE SPECIFIC CODE ANALYSIS FOR THAT AREA.

- CODE SITE PLAN NOTES**
- ZONING:**
CITY OF MADISON, WISCONSIN ZONING ORDINANCE EFFECTIVE OCTOBER 23, 2018 THROUGH THE CODE OF ORDINANCES, MODIFIED THROUGH ORDINANCE NO. ORD-19-00108.
DISTRICT CLASSIFICATION:
TE = TRADITIONAL EMPLOYMENT
SETBACKS & LOT COVERAGE
FRONT - NONE - INGERSOLL STREET
SIDES - NONE UNLESS NEEDED FOR ACCESS
REAR - 20'-0"
8% MAX LOT COVERAGE
 - FIRE SEPARATION DISTANCE:**
IBC TABLE 602 X-5 FOR S-1 = 2 HOURS
IBC TABLE 705.8 MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE:
0'-3' = NOT PERMITTED
3'-5' = UNPROTECTED, SPRINKLERED = 15%
 - PARKING REQUIREMENTS:**
DISTURBED AREA LESS THAN 4,000 SF - NO CHANGE
- LIFE SAFETY PLAN LEGEND:**
- 1 HR RATED WALL
 - 2 HR RATED WALL
 - 3 HR RATED WALL
 - EXIT ACCESS
 - EXIT
 - EXIT DISCHARGE
 - F.E. FIRE EXTINGUISHER - WALL MOUNTED
 - F.E.C. FIRE EXTINGUISHER - CABINET
 - AREAS OF WORK
 - OCCUPANT LOAD (OR MAX CAPACITY)
 - OCCUPANT LOAD FACTOR REQ'D WIDTH
 - PROVIDED WIDTH

EXISTING BUILDING DATA				
Building Occupancy Classifications				
IBC Chapter 3: Moderate-hazard Storage, Group S-1 - Not classified with any H - Occupancy				
Accessory Occupancy: Group B: Business - 8% of Total Area				
Special Detailed Requirements based on Occupancy Use Classifications:				
IBC/IFC Section 406: Motor-Vehicle-Related Occupancies				
Motor Vehicle (Bus) Parking Storage				
IBC/IFC Section 406.8: Repair Garages				
Motor Vehicle (Bus) Repair and Maintenance				
Existing Construction Type				
Construction Type as Prescriptively Assumed Type IIB				
Fire Resistive Requirements for Building Elements				
IBC Table 601: Type IIB				
Structural Frame:	0 hr			
Bearing Walls:	0 hr			
Exterior:	0 hr			
Interior:	0 hr			
Interior Nonbearing Walls and Partitions:	0 hr			
Floor Construction:	0 hr			
Roof construction and secondary framing:	0 hr			
Fire Resistive Requirements for Exterior Walls Based on Separation Distance				
IBC Table 602				
Exterior Nonbearing Walls and Partitions where "x" is distance from fire separation				
	Group S-1			
0 ≥ 5 ft	2 hr			
5 ≥ 10 ft	1 hr			
X ≥ 10 ft	0 hr			
Required Separation of Occupancies				
IBC Table 508.4: Required Separation of Occupancies (Hours)				
B / S-1	No Separation Requirement			
	3 Hour Separation Provided at Non-Sprinklered Area			
Building Area				
IBC Section 507, Unlimited Area Buildings:				
Section 507.5 Two Story Buildings: Sprinklered, one or two-story buildings - Type S, shall not be limited in area where the building is provided with an automatic sprinkler system throughout and is surrounded by public ways not less than 60ft in width.				
Section 507.2, Reduced Open Space: Public ways may be reduced to 40 feet provided that the reduced width shall not be allowed for more than 75% of the building and the exterior walls and openings have a 3 hour fire resistance rating.				
Automatic Sprinkler System:				
Existing Moderate-Hazard Storage Occupancies include an Automatic Sprinkler System				
Existing Accessory Occupancy (B) does NOT include an Automatic Sprinkler System				
Occupant Load				
IBC Table 1004.1.1				
Business Occupancy: 1 occupant / 100 gsf				
Industrial Occupancy: 1 occupant / 100 gsf				
Warehouses Occupancy: 1 occupant / 500 gsf				
Accessory Storage, Mech. Equip Rm. Occupancy: 1 occupant / 300 gsf				
Function / Floor	Area	Occupants		
Business	21,467	215		
Vehicle Warehouse Storage	185,961	372		
Industrial Occupancy	65,385	654		
Accessory Storage, Mech. Equip Rm.	5,054	17		
Total	277,877	1,258		
Capacity of Means of Egress				
IBC Section 1005 - Means of Egress Width for Stairs, 3" and Other Components 2"				
Spaces with One Exit or Exit Access Doorway				
IBC Table 1006.2.1				
S Occupancy	Maximum Occupant Load			
B Occupancy	29			
	49			
Common Path of Travel				
IBC Table 1006.2.1				
B & S Occupancy	w/ Sprinkler	Unsp ≤30	Unsp >30	
	100 feet	100 feet	75 feet	
Exit Access Travel Distance				
IBC Table 1017.2				
S Occupancy, Fully Sprinklered	250 feet			
B Occupancy, Fully Sprinklered	300 feet			
B, & S Occupancy, Unsprinklered	200 feet			
Exit Discharge				
IBC Section 1027.1, Exits shall discharge directly to the exterior of the building				
Minimum Corridor Width				
IBC Table 1020.2				
No Exceptions	44 inches			
Dead-end Corridor Distance				
IBC Section 1020.4				
B & S Occupancy	50 feet			
Plumbing Fixtures				
IBC Table 2902.1				
Minimum Number of Plumbing Fixtures for Storage Occupancy Classification				
Fixture Calculation per 2902.1: For each sex the total occupant shall be divided in half. 1,258 total occupants: 629 occupants for each sex	Water Closets	Lavatories		
	Males	Females	Males	Females
	1 per 100		1 per 100	
Required	7	7	7	7
Existing Provided	12	6	7	5
Urinal substitution for water closets per IPC 419.2: Urinals shall not be substituted for more than 50 percent of the required water closets in EACH toilet room for Storage occupancy.				
Drinking Fountains: 1 per 1,000 for Storage occupancy, 2 drinking fountains required.				
Service Sinks: 1 service sink per floor.				



TRUE PLAN NORTH NORTH
3 LIFE SAFETY SITE PLAN
 1/84" = 1'-0"



CITY OF MADISON
 METRO TRANSIT PHASE 3A - MAINTENANCE AND
 DRIVER FACILITY IMPROVEMENTS
 1101 EAST WASHINGTON AVE.
 MADISON, WI 53703

CONTRACT NO.: 8981
 MW NO.: 4505500-190896.03
 DATE: APRIL 8, 2021
 DESIGNED BY: SZK
 DRAWN BY: NJD
 CHECKED BY: RCL
 50 NOT SCALE DRAWINGS
 SHEET CONTENTS
 LIFE SAFETY SITE
 PLAN AND EXISTING
 PLANS
 SHEET NO.:
G-020

FIRE PROTECTION AND LIFE SAFETY ANALYSIS

Building Occupancy Classifications
 IBC Chapter 3: Moderate-hazard Storage, Group S-1 - Areas not classified as any H - Occupancy
 Accessory Occupancy: Group B: Business - 8.3% of Total Area
 Group A-3: Assembly - 1% of Total Area

Occupancy Use Classifications:
 Motor Vehicle (Bus) Parking Storage
 Motor Vehicle (Bus) Repair and Maintenance
 Administration Offices
 IBC/IFC Section 406.7: Motor fuel dispensing facility
 IBC/IFC Section 406.8: Repair Garages

Building Occupancy Classifications
 Classification of Work: Alteration Level 2 (IEBC Section 504)... (12.3% of Total Building)
 Addition (IEBC Section 507) (3% of Total Building)

Existing Construction Type
 Construction Type is Prescriptively Assumed Type IIB

Fire Resistive Requirements for Building Elements
 IBC Table 601: Type IIB
 Structural Frame: 0 hr
 Bearing Walls: 0 hr
 Exterior: 0 hr
 Interior: 0 hr
 Interior Nonbearing Walls and Partitions: 0 hr
 Floor Construction: 0 hr
 Roof construction and secondary framing: 0 hr

Fire Resistive Requirements for Exterior Walls Based on Separation Distance
 IBC Table 602
 Exterior Nonbearing Walls and Partitions where "x" is distance from fire separation
 Group S-1
 0 ≥ 5 ft 2 hr
 5 ≥ 10 ft 1 hr
 X ≥ 10 ft 0 hr

Required Separation of Occupancies
 IBC Table 508.4: Required Separation of Occupancies (Hours)
 1 Hour Separation Sprinklered
 3 Hour Building Separation at Non-Sprinklered Area

A / B	1 Hour Separation Sprinklered 3 Hour Building Separation at Non-Sprinklered Area
A / S-1	1 Hour Separation Sprinklered No Separation Required
B / S-1	3 Hour Building Separation at Non-Sprinklered Area

Occupant Load
 IBC Table 1004.1.1
 Assembly Occupancy (Chairs/Tables): 1 occupant / 15 nsf
 Business Occupancy: 1 occupant / 100 gsf
 Industrial Occupancy: 1 occupant / 100 gsf
 Warehouses Occupancy: 1 occupant / 500 gsf
 Accessory Storage, Mech. Equip Rm. Occupancy: 1 occupant / 300 gsf

Function / Floor	Area	Occupants
Business - Unchanged	21,467	215
Business (New Renovation Area)	1,797	18
Assembly (New Renovation Area)	2,734	183
Assembly (Addition)	297	20
Vehicle Warehouse Storage	185,961	372
Industrial Occupancy - Unchanged	31,119	312
Industrial Occupancy - Addition	493	5
Industrial Occupancy - Renovation	28,985	290
Accessory Storage, Mech. Equip Rm.	5,814	20
Total	278,662	1,435

FIRE PROTECTION AND LIFE SAFETY ANALYSIS

Capacity of Means of Egress
 IBC Section 1005: Means of Egress Width for Stairs, 3" and Other Components, 2"

Spaces with One Exit or Exit Access Doorway
 IBC Table 1006.2.1

S Occupancy	A & B Occupancy	Maximum Occupant Load
29	49	

Common Path of Travel
 IBC Table 1006.2.1

B & S Occupancy	w/ Sprinkler	Unsp ≤30	Unsp >30
A Occupancy	100 feet	100 feet	75 feet
	75 feet	75 feet	75 feet

Exit Access Travel Distance
 IBC Table 1017.2
 A & S Occupancy, Fully Sprinklered: 250 feet
 B Occupancy, Fully Sprinklered: 300 feet
 A, B, & S Occupancy, Unsprinklered: 200 feet

Exit Discharge
 IBC Section 1027.1: Exits shall discharge directly to the exterior of the building

Interior Finishes:
 IBC Table 803.9 (Building fully sprinklered)
 Interior Wall and Ceiling Finish for Exit Enclosures and Exit Passageways: Class C (Minimum)
 Interior Wall and Ceiling Finish for Corridors: Class C (Minimum)
 Interior Wall and Ceiling Finish for Rooms and Enclosed Spaces: Class C (Minimum)
 Interior Floor Finish for All Floor Coverings: Class II
 Combustible materials in type IIB construction shall comply with Sections 805.1.1-805.1.3

Plumbing Fixtures
 IBC Table 2902.1
 Minimum Number of Plumbing Fixtures for Storage Occupancy Classification
 Fixture Calculation per 2902.1: For each sex the total occupant shall be divided in half.
 1,435 total occupants: 718 occupants for each sex

Required	Water Closets		Lavatories	
	Males	Females	Males	Females
1 per 100	8	8	1	1
Provided	27	11	11	9

Urinal substitution for water closets per IPC 419.2: Urinals shall not be substituted for more than 50 percent of the required water closets in EACH toilet room for Storage occupancy.
 Drinking Fountains: 1 per 1,000 for Storage occupancy; 2 drinking fountains required.
 Service Sinks: 1 service sink per floor.

WORK AREA NUMBER 1

Work Area Occupancy Classification
 IBC Section 1005: Moderate-hazard Storage, Group S-1
 IBC/IFC Section 406.8: Repair Garages

Construction Type
 Classification of Work = Alteration Level 2 (IEBC Section 504)
 Occupancy Group: S-1
 Type of Construction: Type IIB
 Existing Automatic Sprinkler System
 Scope: This area reconfigured with new walls and rooms within the existing building footprint.

Occupant Load
 IBC Table 1004.1.2 - Function of Space
 Industrial Occupant Load Factor = 100 gross

Function of Space	Area	Occupants
Industrial Occupancy Addition	13,388	134
Total	13,388	134

WORK AREA NUMBER 2

Work Area Occupancy Classification
 IBC Section 311.2: Moderate-hazard Storage, Group S-1
 IBC/IFC Section 406.8: Repair Garages

Construction Type
 Classification of Work = Alteration Level 2 (IEBC Section 504)
 Occupancy Group: S-1
 Type of Construction: Type IIB
 Existing Automatic Sprinkler System
 Scope: This area reconfigured with new walls and rooms within the existing building footprint.

Occupant Load
 IBC Table 1004.1.2 - Function of Space
 Industrial Occupant Load Factor = 100 gross
 Accessory Storage, Mech. Equip Rm. Occupancy: 1 occupant / 300 gsf

Function of Space	Area	Occupants
Industrial Occupancy Addition	4,340	44
Accessory Storage, Mech. Equip Rm. (Renovation)	2,731	9
Total	4,340 sf	53

WORK AREA NUMBER 3

Work Area Occupancy Classification
 IBC Section 311.2: Moderate-hazard Storage, Group S-1
 Group A-3: Assembly
 IBC/IFC Section 406.8: Repair Garages

Construction Type
 Classification of Work = Addition (IEBC Section 507)
 Occupancy Group: S-1
 Type of Construction: Type IIB
 Proposed New Automatic Sprinkler System

Fire Resistive Requirements for Building Elements
 IBC Table 601: Type IIB
 Structural Frame: 0 hr
 Bearing Walls: 0 hr
 Exterior: 0 hr
 Interior: 0 hr
 Interior Nonbearing Walls and Partitions: 0 hr
 Floor Construction: 0 hr
 Roof construction and secondary framing: 0 hr

Fire Resistive Requirements for Exterior Walls Based on Separation Distance
 IBC Table 602
 Exterior Nonbearing Walls and Partitions where "x" is distance from fire separation
 Group S-1
 0 ≥ 5 ft 2 hr
 5 ≥ 10 ft 1 hr
 X ≥ 10 ft 0 hr

Fire-Resistance Rating Requirements for Horizontal Assemblies Between Areas
 IBC Table 707.3.10
 Fire Resistive Rating (hours)
 Group S-1 3 hr

Building Area
 IBC Section 507: Unlimited Area Buildings:

Maximum Allowed	Actual
SF	SF
70,000	1,111

Allowable Building Height and Number of Stories
 IBC Table 504.3 & 504.4:

Group S-1 / IIB Sprinkled, Addition	Maximum Allowed		Actual	
	Height	Stories	Height	Stories
	75'-0"	3	20'-0"	1

Occupant Load
 IBC Table 1004.1.1
 Business Occupancy: 1 occupant / 100 gsf
 Assembly Occupancy: 1 occupant / 15 nsf
 Accessory Storage, Mech. Equip Rm. Occupancy: 1 occupant / 300 gsf

Function / Floor	Area	Occupants
Business (Renovation)	1,616	18
Accessory Storage, Mech. Equip Rm. (Renovation)	265	3
Assembly Occupancy (Chairs/Tables)	2,734	183
Total	4,615	204

Interior Finishes:
 IBC Table 803.9 (Building area fully sprinklered)
 Interior Wall and Ceiling Finish for Exit Enclosures and Exit Passageways: Class C (Minimum)
 Interior Wall and Ceiling Finish for Corridors: Class C (Minimum)
 Interior Wall and Ceiling Finish for Rooms and Enclosed Spaces: Class C (Minimum)
 Interior Floor Finish for All Floor Coverings: Class II
 Combustible materials in type IIB construction shall comply with Sections 805.1.1-805.1.3

WORK AREA NUMBER 4

Work Area Occupancy Classification
 IBC Section 311.2: Group A-3: Assembly
 Non-Separated Accessory Space Group B: Business

Construction Type
 Classification of Work = Alteration Level 2 (IEBC Section 504)
 Occupancy Group: A-3
 Type of Construction: Type IIB
 Proposed New Automatic Sprinkler System

Occupant Load
 IBC Table 1004.1.1
 Business Occupancy: 1 occupant / 100 gsf
 Assembly Occupancy (Chairs/Tables): 1 occupant / 15 nsf
 Accessory Storage, Mech. Equip Rm. Occupancy: 1 occupant / 300 gsf

Function / Floor	Area	Occupants
Business (Renovation)	1,616	18
Accessory Storage, Mech. Equip Rm. (Renovation)	265	3
Assembly Occupancy (Chairs/Tables)	2,734	183
Total	4,615	204

Plumbing Fixtures
 IBC Chapter 29
 The existing building toilet count meets current capacity for the facility
 This project demolishes the current toilet layout (2 toilets, 1 urinals) and increases the total fixture count to 7 toilets and 3 urinals.

WORK AREA NUMBER 5

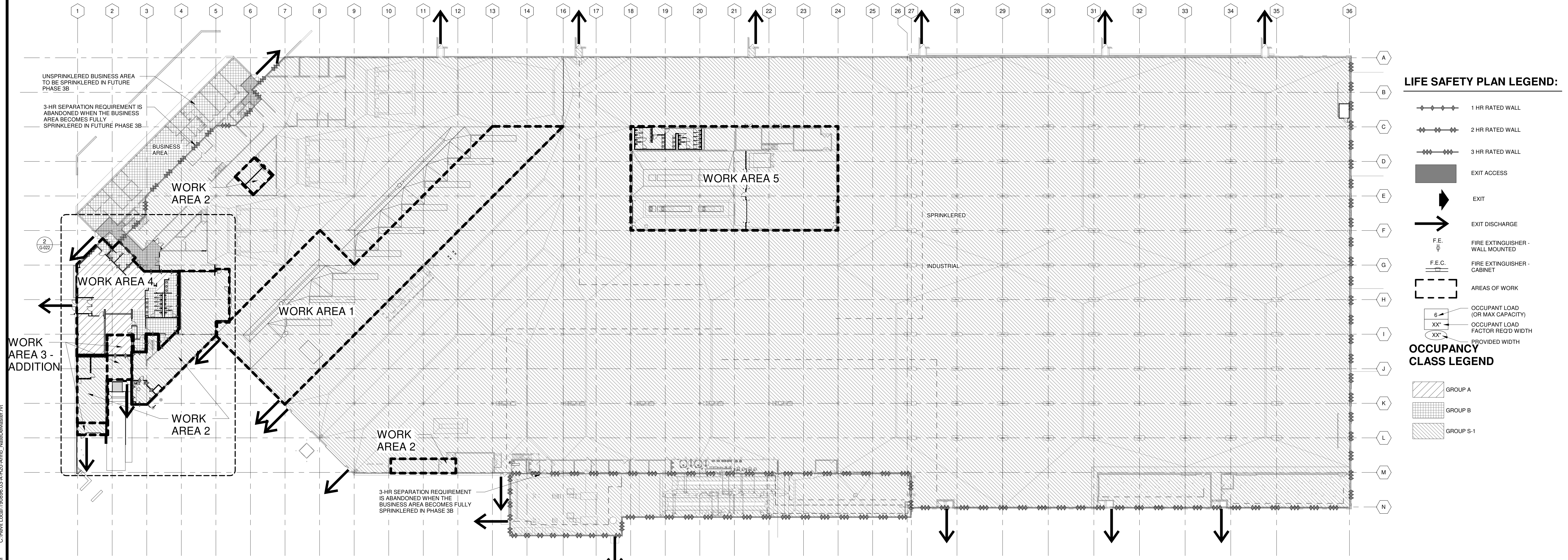
Work Area Occupancy Classification
 IBC Section 311.2: Moderate-hazard Storage, Group S-1.

Construction Type
 Classification of Work = Alteration Level 2 (IEBC Section 504)
 Occupancy Group: S-1
 Type of Construction: Type IIB
 Proposed New Automatic Sprinkler System

Occupant Load
 IBC Table 1004.1.1
 Industrial Occupancy: 1 occupant / 100 gsf
 Accessory Storage, Mech. Equip Rm. Occupancy: 1 occupant / 300 gsf

Function / Floor	Area	Occupants
Industrial Occupancy Addition (Renovation)	11,257	113
2nd Floor Equipment Platform (Renovation)	2,681	9
Total	13,938	122

Plumbing Fixtures
 IBC Chapter 29
 The existing building toilet count meets current capacity for the facility
 This project demolishes the current toilet layout (2 toilets, 2 urinals) and increases the total fixture count to 12 toilets and 5 urinals.



LIFE SAFETY PLAN LEGEND:

- 1 HR RATED WALL
- 2 HR RATED WALL
- 3 HR RATED WALL
- EXIT ACCESS
- EXIT
- EXIT DISCHARGE
- F.E. WALL MOUNTED
- F.E.C. CABINET
- AREAS OF WORK
- OCCUPANT LOAD (OR MAX CAPACITY)
- OCCUPANT LOAD FACTOR REQ'D WIDTH
- PROVIDED WIDTH

- OCCUPANCY CLASS LEGEND**
- GROUP A
 - GROUP B
 - GROUP S-1

1 OVERALL FIRST FLOOR CODE PLAN
 1" = 30'-0"

Mead & Hunt
 Mead & Hunt, Inc.
 2440 Deming Way
 Middleton, WI 53562
 phone: 608-273-6380
 meadhunt.com

CITY OF MADISON WISCONSIN

metro transit

**CITY OF MADISON
 METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS
 1101 EAST WASHINGTON AVE.
 MADISON, WI 53703**

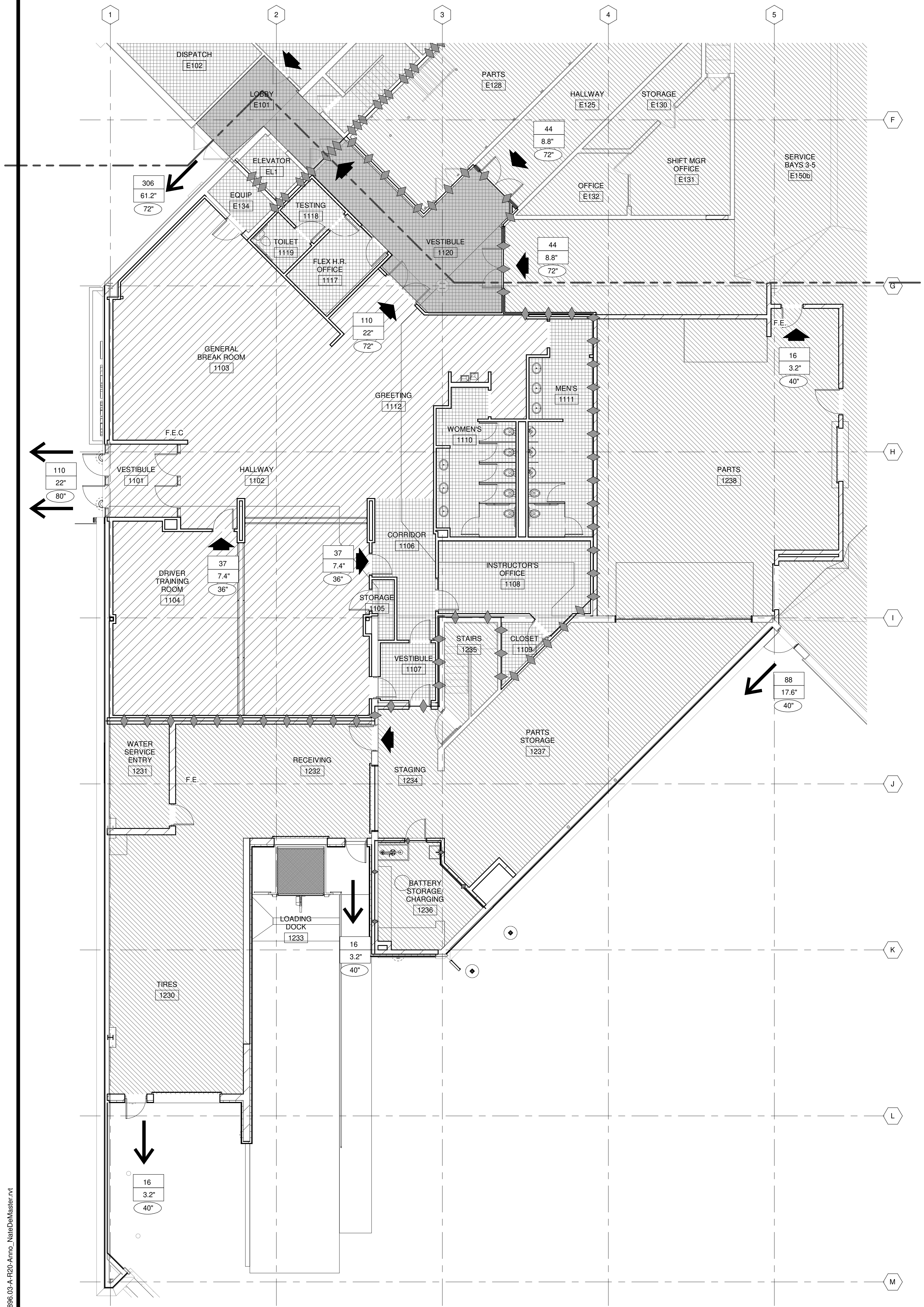
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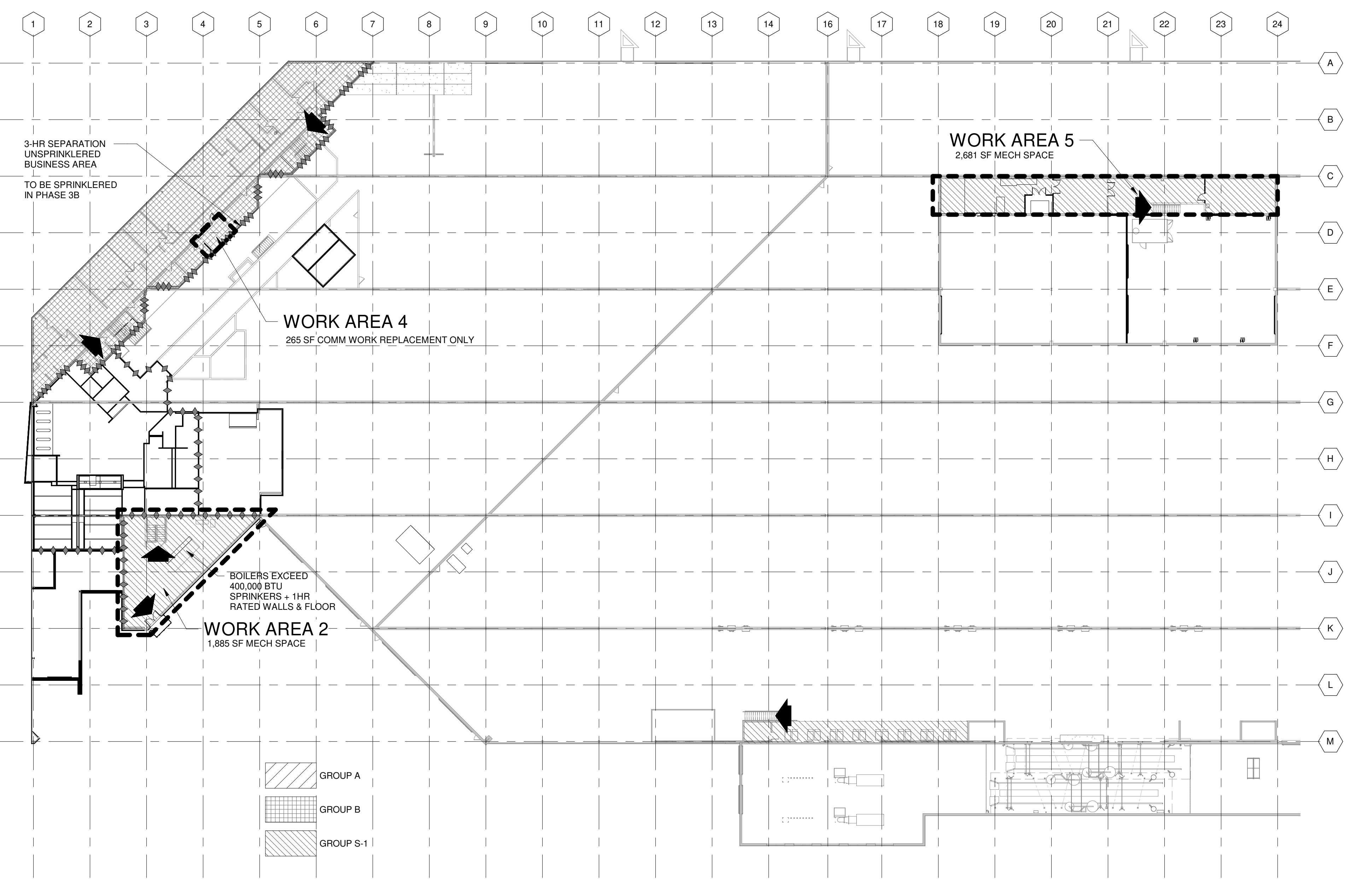
SHEET CONTENTS
OVERALL FIRST FLOOR PLAN - CODE

SHEET NO.: **G-021**

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2 ENLARGED FIRST FLOOR CODE PLAN
1/8" = 1'-0"



1 OVERALL SECOND FLOOR CODE PLAN
1" = 30'-0"

- LIFE SAFETY PLAN LEGEND:**
- 1 HR RATED WALL
 - 2 HR RATED WALL
 - 3 HR RATED WALL
 - EXIT ACCESS
 - EXIT
 - EXIT DISCHARGE
 - FIRE EXTINGUISHER - WALL MOUNTED
 - FIRE EXTINGUISHER - CABINET
 - AREAS OF WORK
 - OCCUPANT LOAD (OR MAX CAPACITY)
 - OCCUPANT LOAD FACTOR REQ'D WIDTH
 - PROVIDED WIDTH

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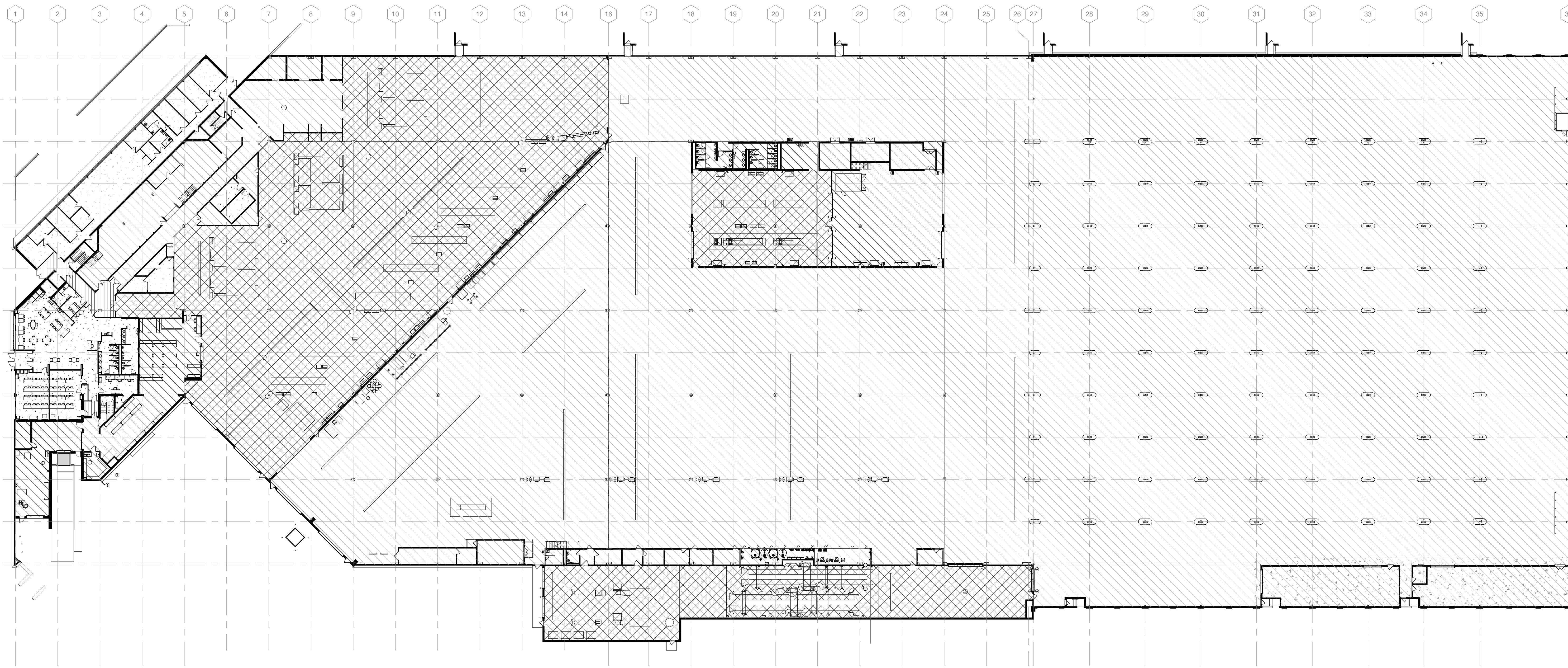
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MADISON, WI 53703

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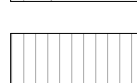
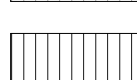
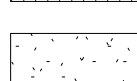
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SHEET CONTENTS
OVERALL SECOND FLOOR PLAN - CODE



LEGEND

-  CLASS 1, DIV. 2
-  CLASS 1, DIV. 2 ADJACENT
-  EXISTING CLASS 1, DIV 2 ADJACENT SPACE
-  EXISTING UNCLASSIFIED
-  EXISTING VESTIBULE
-  PRESSURIZED VESTIBULE
-  UNCLASSIFIED

TRUE PLAN
NORTH NORTH
 1
1" = 30'-0"

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CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703

ISSUED
04/08/21 BID SET

CONTRACT NO.: 8981
MMW NO.: 4503500-190896.03
DATE: APRIL 8, 2021
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CHECKED BY: RCL, REK
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SHEET CONTENTS
FIRST FLOOR CLASS 1 DIV 2 PLAN

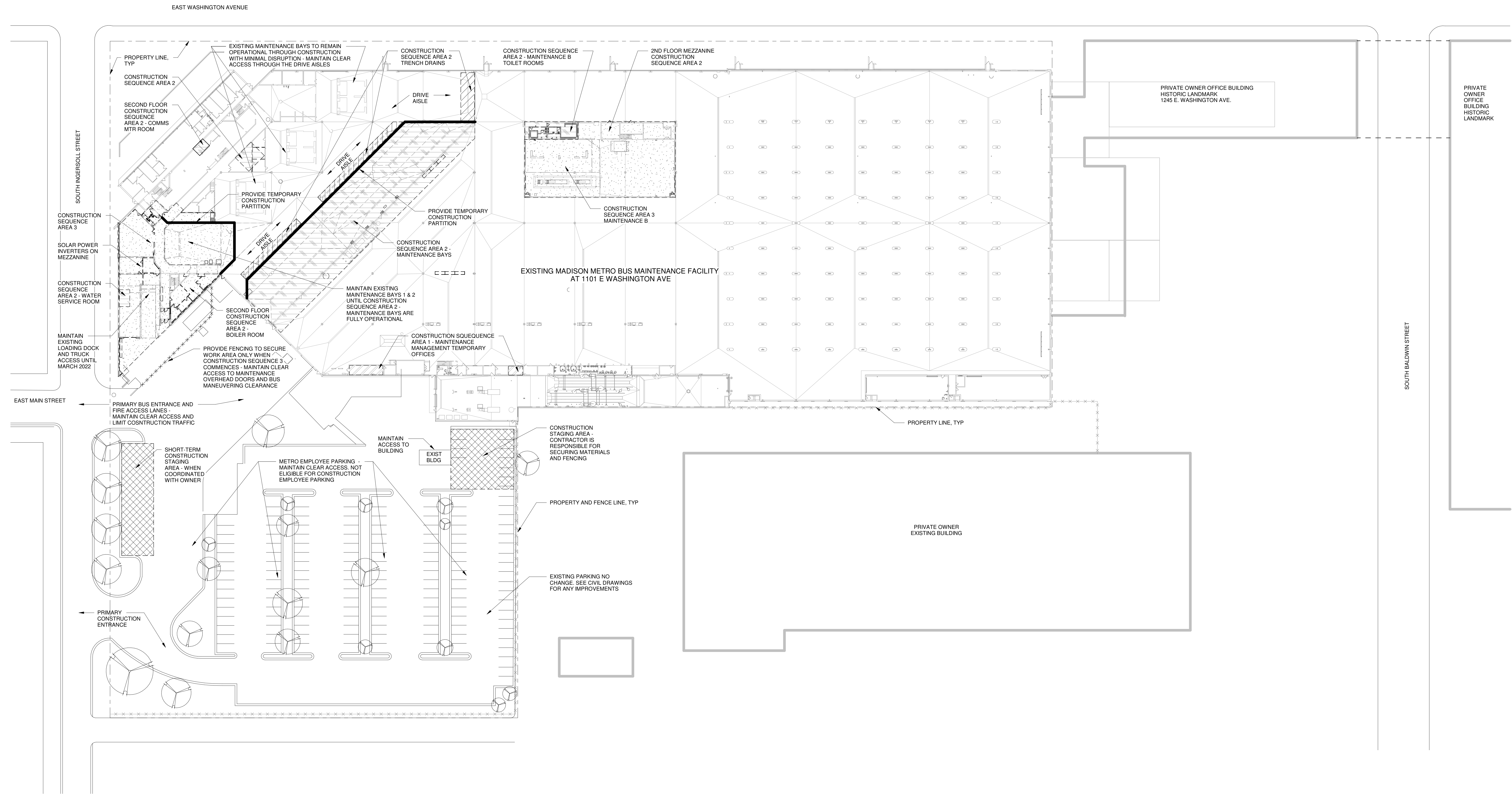
SHEET NO.:
G-031

CONSTRUCTION OPERATIONS GENERAL NOTES:

- BUILDING SHALL BE OWNER OCCUPIED THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD. OWNER OPERATES 24 HOURS A DAY, 7 DAYS A WEEK. BUS STORAGE AND TRAVEL LANES ARE REQUIRED TO REMAIN CLEAR FOR CONTINUOUS ACCESS.
- CONSTRUCTION EMPLOYEE PARKING IS NOT PERMITTED IN METRO EMPLOYEE PARKING.
- CONSTRUCTION ACCESS SHALL BE LIMITED AT THE PRIMARY BUS DRIVE ACCESS AND FIRE LANE ACCESS.
- SECURING STAGING AREAS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PROVIDE NECESSARY FENCING AS REQUIRED.
- CONTRACTOR SHALL PROVIDE EXTERIOR FENCING AND INTERIOR CONSTRUCTION PARTITIONS TO SECURE THE CONSTRUCTION ZONES TO PREVENT STAFF AND PUBLIC ACCESS. INTERIOR PARTITIONS SHALL ALSO PREVENT DUST AND DEBRIS FROM SPREADING TO OCCUPIED AREAS.
- INTERIOR TEMPORARY CONSTRUCTION PARTITIONS SHALL MINIMALLY CONSIST OF WOOD FRAMING AND PLYWOOD ENCLOSURE UP TO THE EXISTING JOISTS. PLASTIC MAY BE UTILIZED TO ENCLOSE THE SPACE FROM THE JOISTS TO THE ROOF DECK.
- FENCING SHALL MINIMALLY BE COMPRISED OF 6-FOOT CHAIN-LINK FENCE ANCHORED BY SANDBAGS OR INTO THE PAVEMENT.
- MAINTAIN SERVICES TO EXISTING AREAS TO REMAIN UNTIL NEW SERVICE CAN BE CUT OVER. WORK SHALL BE PERFORMED TO LIMIT DOWN TIME TO LESS THAN 24 HOURS.
- PROVIDE A MINIMUM OF 72 HOURS NOTICE FOR DISRUPTION TO SERVICES OR CLOSURE OF AREAS FOR CONSTRUCTION ACTIVITIES.
- BESIDES MAINTENANCE BAYS 1 & 2 AND THE TOILET ROOMS, SPACES IN CONSTRUCTION SEQUENCE AREA 2 WILL BE ABANDONED BY OWNER AND MAY BE USED FOR CONSTRUCTION STAGING AND OFFICES UNTIL CONSTRUCTION SEQUENCE 2 OCCURS.
- REFER TO INDIVIDUAL DISCIPLINES FOR SPECIFIC EQUIPMENT AND SERVICES SEQUENCING.
- THE NEW WATER ENTRANCE 1201 AND WATER EQUIPMENT SYSTEM IN 2305 NEEDS TO BE OPERATIONAL BEFORE THE SWITCHOVER AND DEMOLITION OF EXISTING EQUIPMENT IN THE BOILER ROOM OCCURS.
- THE AIR COMPRESSORS IN 2305 NEED TO BE OPERATIONAL BEFORE THE SWITCHOVER AND REMOVALS OF THE EXISTING EQUIPMENT IN THE BOILER ROOM AND SECOND FLOOR MEZZANINE OF MAINTENANCE B OCCURS.
- BOILER REMOVALS, REPLACEMENT, AND SWITCH-OVER NEED TO OCCUR BEFORE THE 2021 HEATING SEASON BEGINS IN NOVEMBER.
- THE NEW ELECTRICAL SERVICE NEEDS TO BE OPERATIONAL BEFORE THE SWITCHOVER AND REMOVALS OF THE EXISTING EQUIPMENT OCCUR IN THE BOILER ROOM.
- SOLAR POWER INVERTERS ON THE LOADING DOCK UPPER MEZZANINE SHALL REMAIN UNTIL THEIR FINAL LOCATION IN THE 2201 IS AVAILABLE WHEN THE WATER EQUIPMENT IS REMOVED. SOLAR POWER INVERTERS SHALL BE RELOCATED BY THE CITY OF MADISON ELECTRICIAN. PROVIDE ADEQUATE NOTICE TO COORDINATE WORK.
- THE EXISTING GENERATOR ON THE SECOND FLOOR MEZZANINE IN MAINTENANCE B SHALL REMAIN ACTIVE UNTIL THE REPLACEMENT GENERATOR HAS BEEN TESTED AND OPERATIONAL. A TEMPORARY FUEL LINE SHALL BE PROVIDED TO SERVE THE EXISTING GENERATOR FROM THE FUEL TANKS 1-4. WHEN ITS ORIGINAL SOURCE FUEL TANK 12 AND DAY TANKS IN THE BOILER ROOM ARE DEMOLISHED.
- THE NEW FIBER SERVICE AND MAIN TECHNOLOGY ROOM IN 2121 SHALL SERVE NEW AREAS AND FEED EXISTING ADJACENT TECHNOLOGY ROOMS TO REMAIN IN ORDER TO CONTINUE SERVICE TO AREAS OUTSIDE OF THE CONSTRUCTION WORK AREAS.

CONSTRUCTION SEQUENCE SCOPES OF WORK:

- GENERAL**
- THE INFRASTRUCTURE WORK IS LISTED IN CONSTRUCTION SEQUENCE 1 TO INITIATE WORK. IT IS UNDERSTOOD THAT THE WORK WILL BE ONGOING UNTIL THE END OF THE PROJECT.
 - THE SCOPE AREAS LISTED IN CONSTRUCTION SEQUENCE 2 CANNOT BE INITIATED UNTIL THE SCOPE AREAS LISTED IN CONSTRUCTION SEQUENCE 1 ARE COMPLETE.
- CONSTRUCTION SEQUENCE 1**
- PROVIDE HEATING/AIR CONDITIONING UNIT, 3 POWER OUTLETS, AND 3 COMM OUTLETS TO ROOM 1551 FOR TEMPORARY MAINTENANCE MANAGER OFFICE.
 - PROVIDE 1 POWER OUTLET AND 1 COMM OUTLET TO ROOM 1507 FOR TEMPORARY MAINTENANCE MANAGER OFFICE.
 - ONCE TEMPORARY OFFICES ARE COMPLETE, PROVIDE 1 WEEK PERIOD FOR STAFF RELOCATION.
- CONSTRUCTION SEQUENCE 2**
- INFRASTRUCTURE AND RELATED MECHANICAL ROOMS
 - A. WATER SERVICE
 - B. SECOND FLOOR BOILER ROOM WORK
 - C. ELECTRICAL SERVICE
 - D. COMMUNICATIONS + MTR ROOM ON SECOND FLOOR
 - E. SECOND FLOOR MAINTENANCE B MEZZANINE
 - F. MAINTAIN EXISTING GENERATOR IN COMPRESSOR/WATER ROOM.
 - THREE DRIVE AISLE TRENCH DRAINS. WORK MAY ONLY OCCUR ONE AT A TIME TO LIMIT DISRUPTION TO THE EXISTING MAINTENANCE BAYS ACCESS. PROVIDE PLASTIC TENTING TO LIMIT DUST AND DEBRIS FROM AFFECTING OCCUPIED AREAS AND STEEL PLATES TO ALLOW BUS TRAFFIC DURING OFF HOURS.
 - CONSTRUCT NEW MAINTENANCE BAYS. PROVIDE TEMPORARY PARTITION TO LIMIT ACCESS AND DUST AND DEBRIS FROM AFFECTING OCCUPIED AREAS.
 - MAINTENANCE B TOILET ROOMS.
- CONSTRUCTION SEQUENCE 3**
- BREAK ROOM / TRAINING ROOM / LOBBY AREA
 - LOADING DOCK AND RELATED SITE WORK
 - FUEL TANK REMOVAL
 - TIRE SHOP
 - PARTS ROOM
 - MAINTENANCE B - FIRST FLOOR
 - GENERATOR



**CITY OF MADISON
 METRO TRANSIT PHASE 3A - MAINTENANCE AND
 DRIVER FACILITY IMPROVEMENTS
 1101 EAST WASHINGTON AVE.
 MADISON, WI 53703**

ISSUED
 04/08/21 BID SET

CONTRACT NO.: 8981
 MSW NO.: 4503500-190896.03
 DATE: APRIL 8, 2021
 DESIGNED BY: SZK
 DRAWN BY: SZK
 CHECKED BY: REK
 DO NOT SCALE DRAWINGS

SHEET CONTENTS
 CONSTRUCTION
 OPERATIONS PLAN

4/7/2021 9:41:54 AM C:\Bentl\Local\190896.03-A-RCD_Amo_NatDbaMaster.dwg



**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

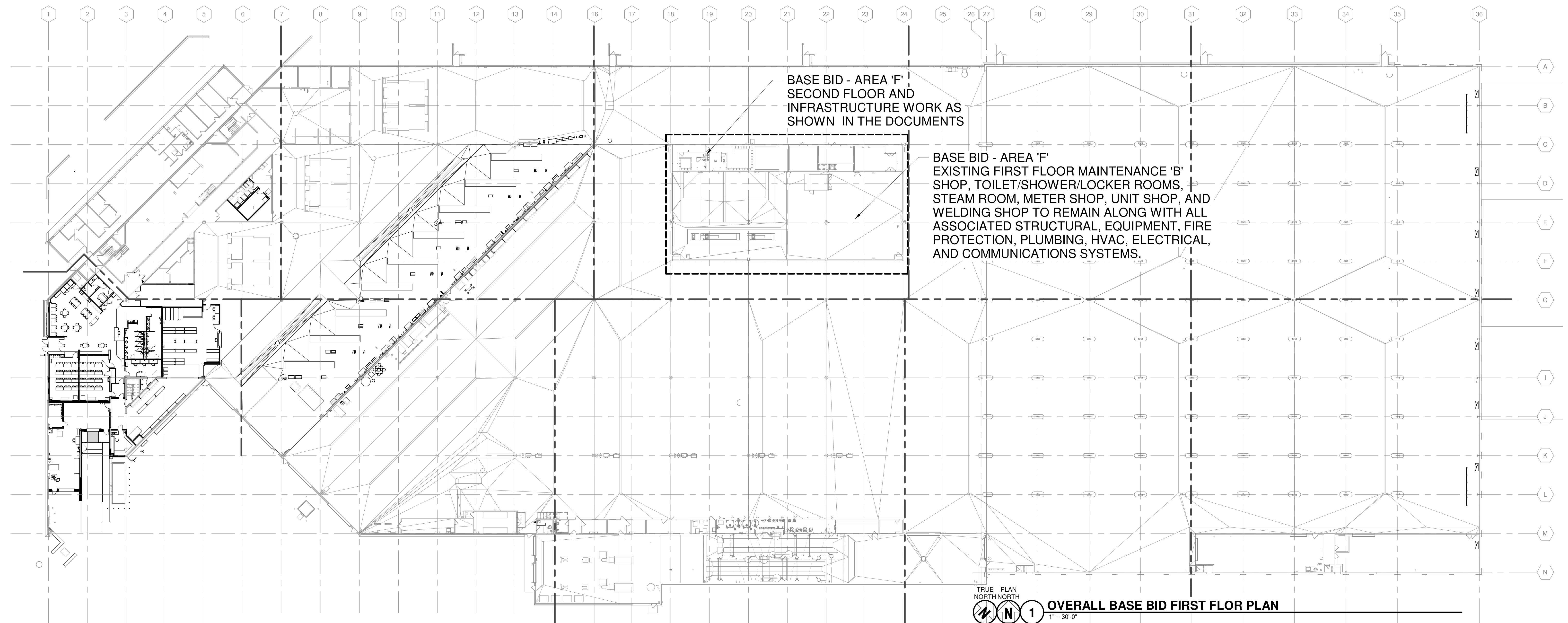
ISSUED

CONTRACT NO.: 8981
RAW NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: SZK
DRAWN BY: SZK
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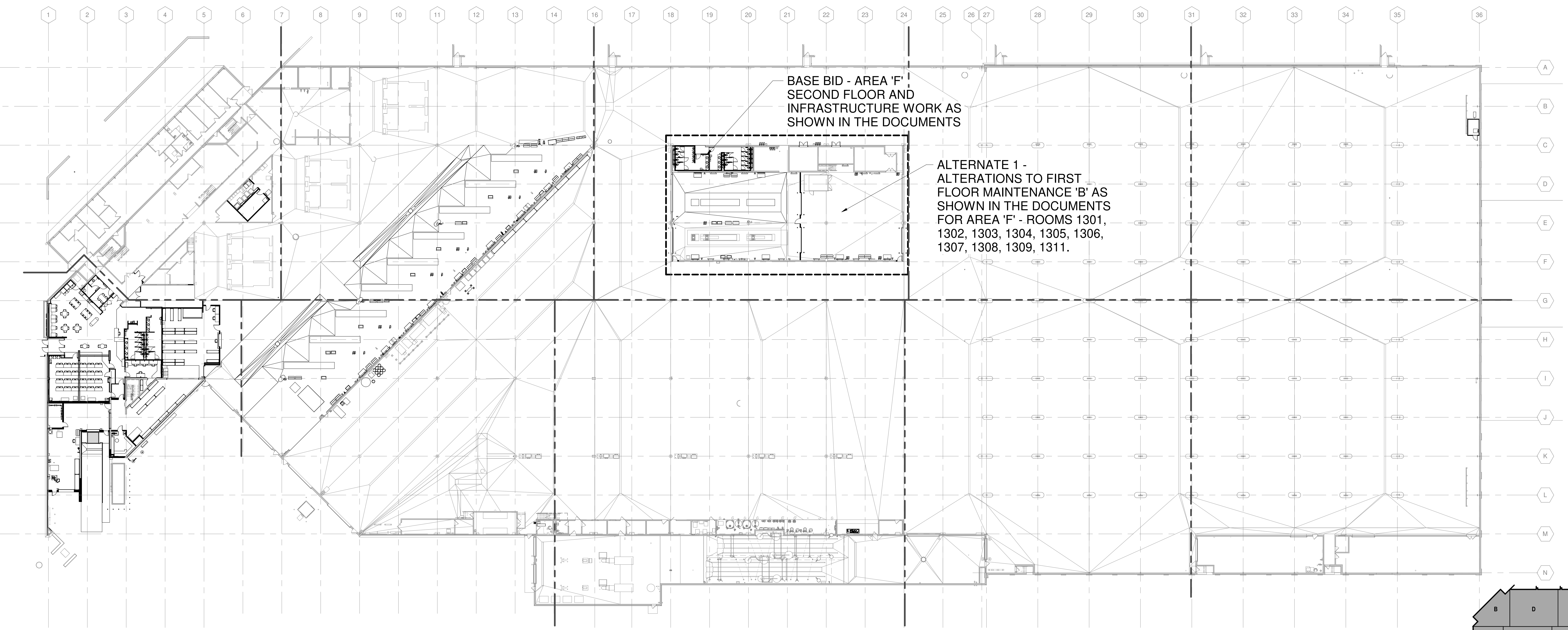
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ALTERNATE PLAN

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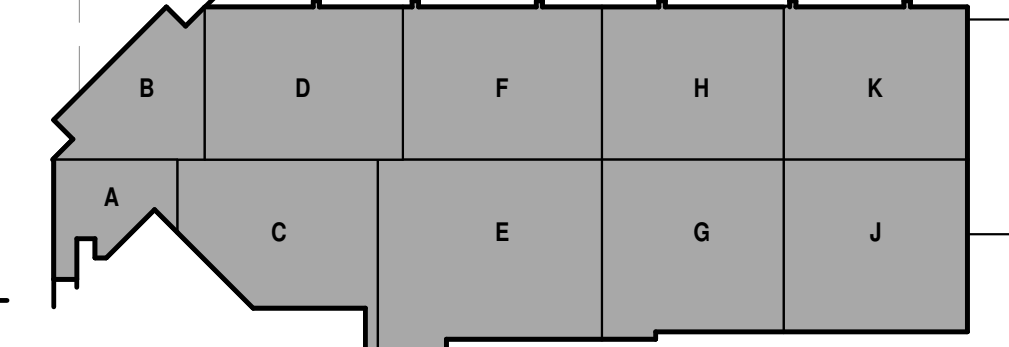
G-131



TRUE PLAN NORTH NORTH
1 OVERALL BASE BID FIRST FLOR PLAN
1" = 30'-0"



TRUE PLAN NORTH NORTH
2 OVERALL ALTERNATE FLOOR PLAN
1" = 30'-0"



KEY PLAN



**CITY OF MADISON
METRO TRANSIT - PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1 SOUTH INGERSOLL ST.
MADISON, WI 53703**

NOTES:

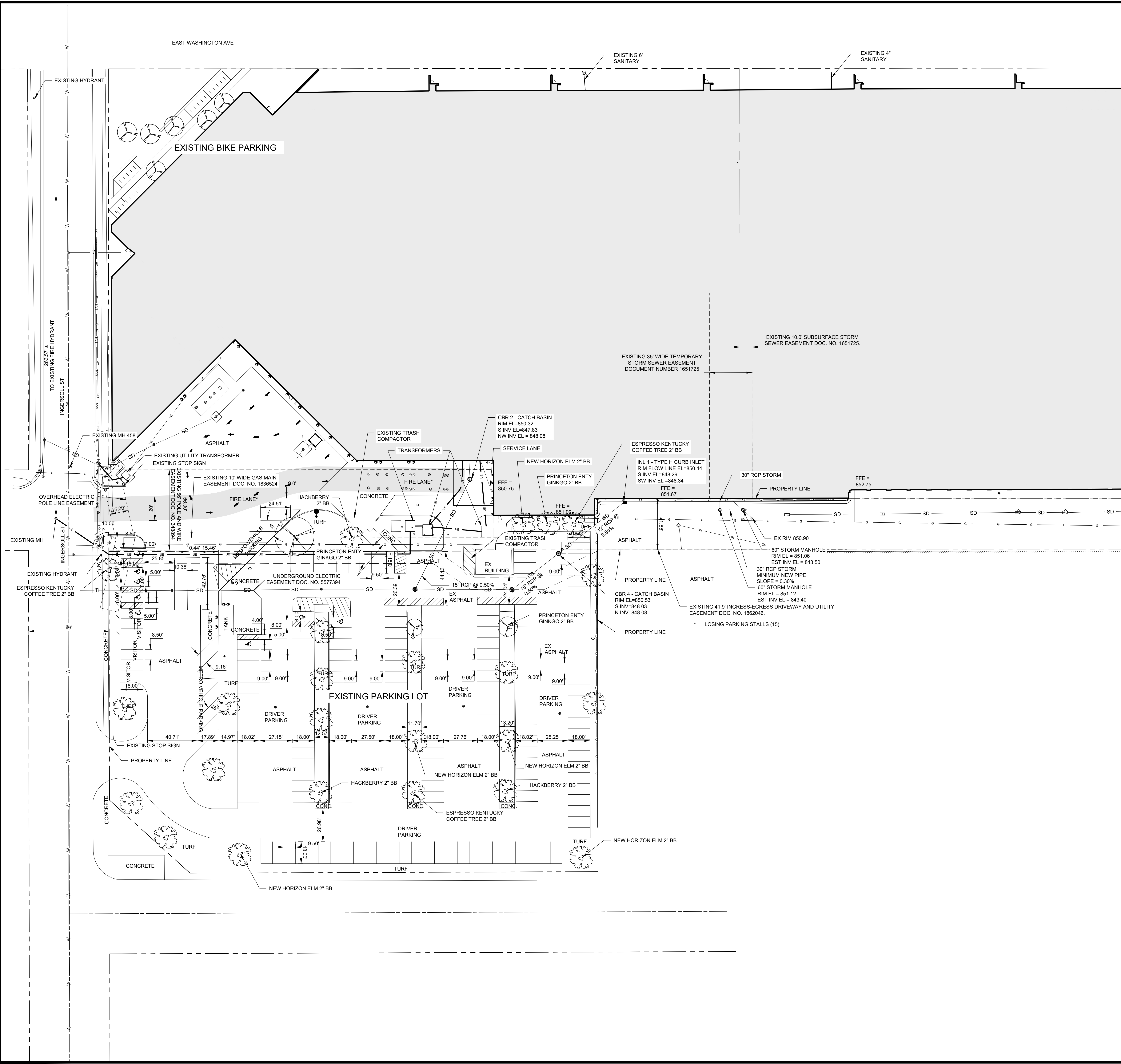
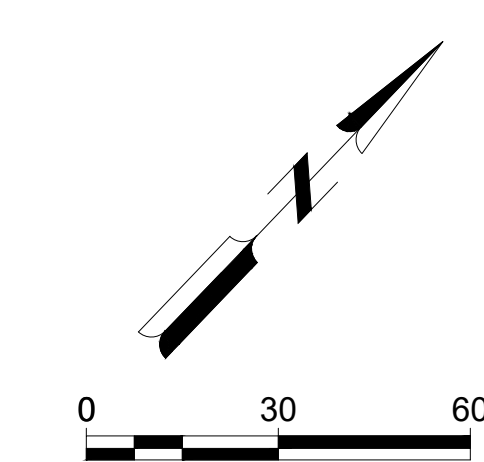
- EXCEPT AS SPECIFICALLY STATED OR SHOWN ON THIS MAP, THIS SURVEY DOES NOT PURPORT TO REFLECT ANY OF THE FOLLOWING WHICH MAY BE APPLICABLE TO THE SUBJECT REAL ESTATE: EASEMENTS; BUILDING SETBACK LINES; RESTRICTIVE COVENANTS; SUBDIVISION RESTRICTIONS; ZONING OR OTHER LAND USE REGULATIONS; AND ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE. SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT.
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- ALL TREES, HEDGES AND GROUND COVER ON THE SITE MAY NOT NECESSARILY BE SHOWN HEREON.
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- ELEVATIONS ARE BASED UPON NAVD83 DATUM. SURVEYOR TRANSFERRED ELEVATIONS TO THE SITE UTILIZING RTK GPS SURVEYING OBSERVING THE WISCONSIN NETWORK.

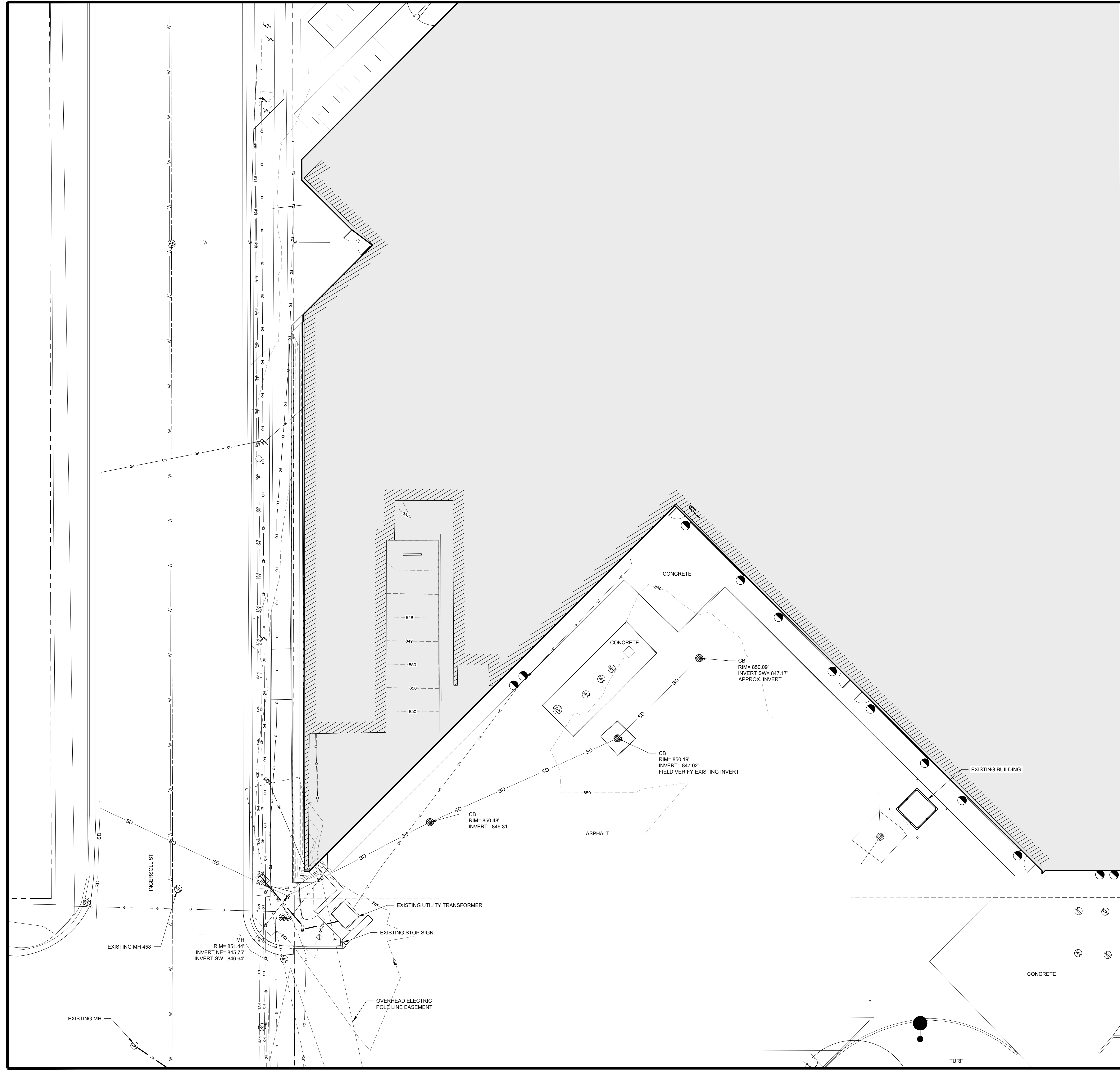
Site Information Block		Site of Lot	Setback (ft.)
Site Address	1101 E. Washington	Front - West (Ingersoll)	None
Site Acreage	10.28	Back - East	20
No. of Stories	2	Side - North (E. Washington)	None
Building Height	30 Ft.	Side - South (MG&E)	None
DGPS Type of New Construction	MB		
Existing Building Square Feet	277,877		
Building Addition Square Feet	966		
Use of Property	Commercial		
Number of New Trees	0		
Existing Regular Surface Stalls	203		
Existing HCP Surface Stalls	8		
Proposed Regular Surface Stalls	203		
Proposed HCP Surface Stalls	8		
Proposed Bicycle Parking (Interior)	30		
Proposed Bicycle Parking (Exterior)	44		
Existing % Impervious	91.5		
Proposed % Impervious	91.5		
Total Disturbed Area	15,750 SF		

LEGEND

- MAG NAIL SET
- 7/8" SOLID IRON ROD FOUND
- 1" IRON PIPE FOUND UNLESS NOTED
- SET DRILL HOLE IN CONCRETE
- FOUND NAIL
- 3/4" X 18" SOLID IRON RE-ROD SET, WT. 1.50 lbs./ft.
- + 851.23 SPOT ELEVATION
- OH — OVERHEAD UTILITY WIRE
- BURIED GAS LINE
- WATER MAIN
- SANITARY SEWER
- ST — STORM SEWER
- UT — BURIED TELEPHONE
- BURIED ELECTRIC
- BURIED CABLE ACCESS TELEVISION LINE
- BURIED FIBER OPTIC
- WATER VALVE
- GAS VALVE
- GAS METER
- AIR CONDITIONER
- TV PEDESTAL
- ELECTRIC PEDESTAL
- UTILITY POLE
- LIGHT POLE
- GROUND LIGHT
- TELEPHONE PEDESTAL
- ◆ FIRE HYDRANT
- SIGN
- GUY WIRE
- MAILBOX
- BOLLARD
- STORM SEWER INLET
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- STORM SEWER MANHOLE
- ROUND CATCH BASIN
- STORM SEWER STRUCTURE
- SANITARY SEWER MANHOLE
- DECIDUOUS TREE
- CONIFEROUS TREE
- MISC SYMBOL
- () INDICATES RECORDED AS

DISTANCES ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT. BUILDINGS ARE MEASURED TO THE NEAREST TENTH OF A FOOT.





NOTES:

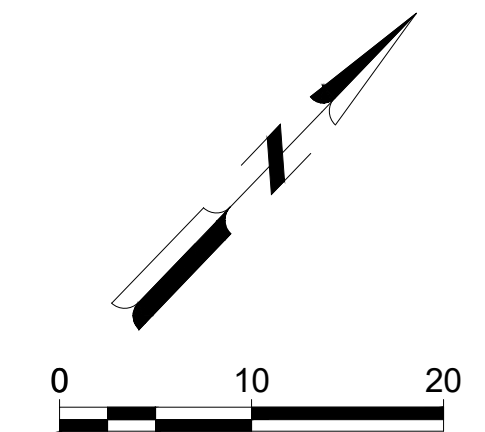
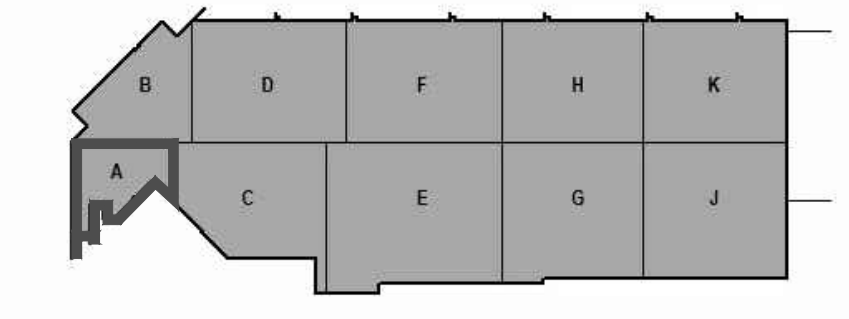
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LEGEND

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- GAS VALVE
- GAS METER
- AIR CONDITIONER
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- UTILITY POLE
- LIGHT POLE
- GROUND LIGHT
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- SIGN
- GUY WIRE
- MAILBOX
- BOLLARD
- STORM SEWER INLET
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DISTANCES ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT. BUILDINGS ARE MEASURED TO THE NEAREST TENTH OF A FOOT.

SITE KEY PLAN





metro transit



**CITY OF MADISON
METRO TRANSIT - PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1 SOUTH INGERSOLL ST.
MADISON, WI 53703**

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04/08/21 BID SET

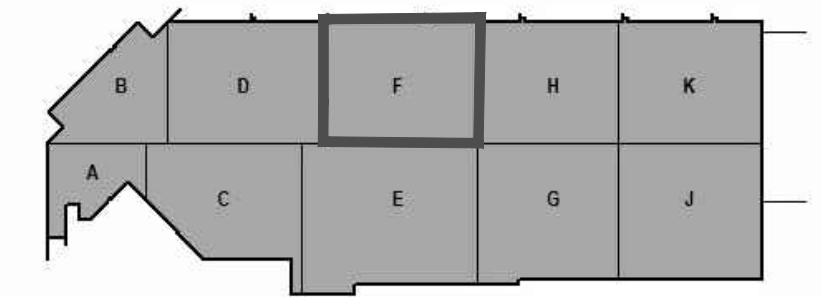
CONTRACT NO.: R581
M&H NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: ACA
DRAWN BY: KSD
CHECKED BY: ACA
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SHEET CONTENTS
SITE DEMOLITION PLAN

SHEET NO.

C-041

SITE KEY PLAN



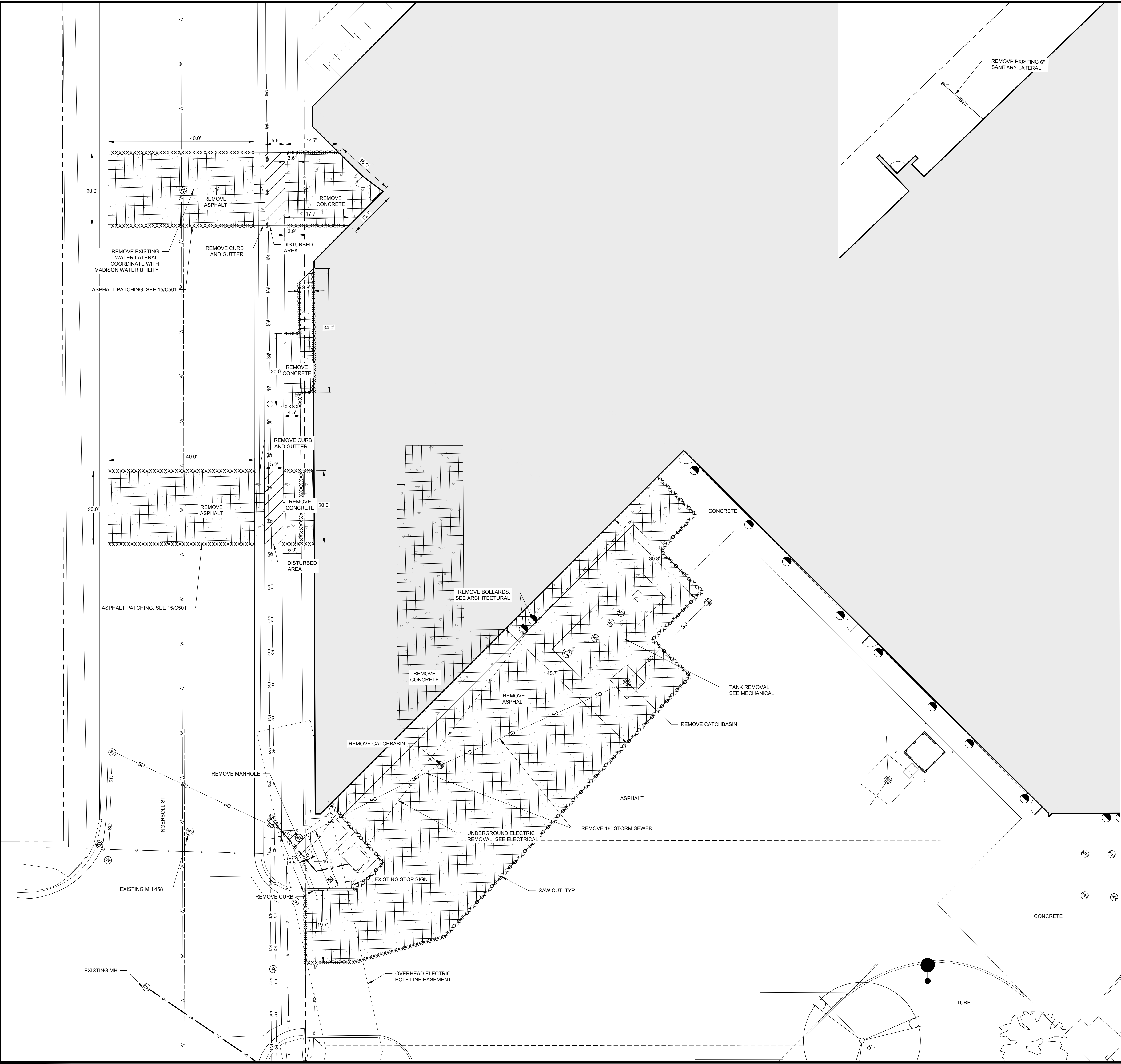
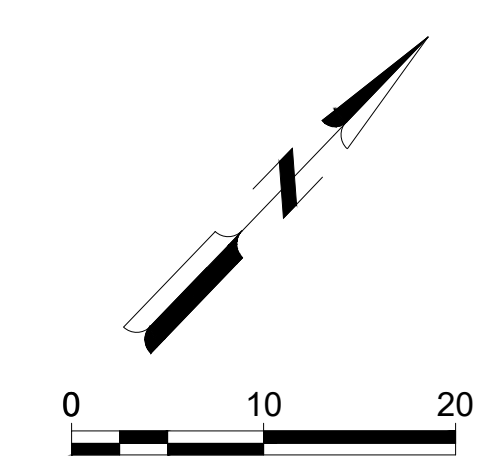
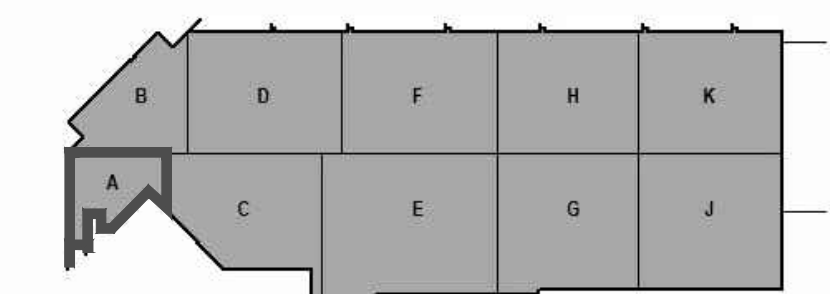
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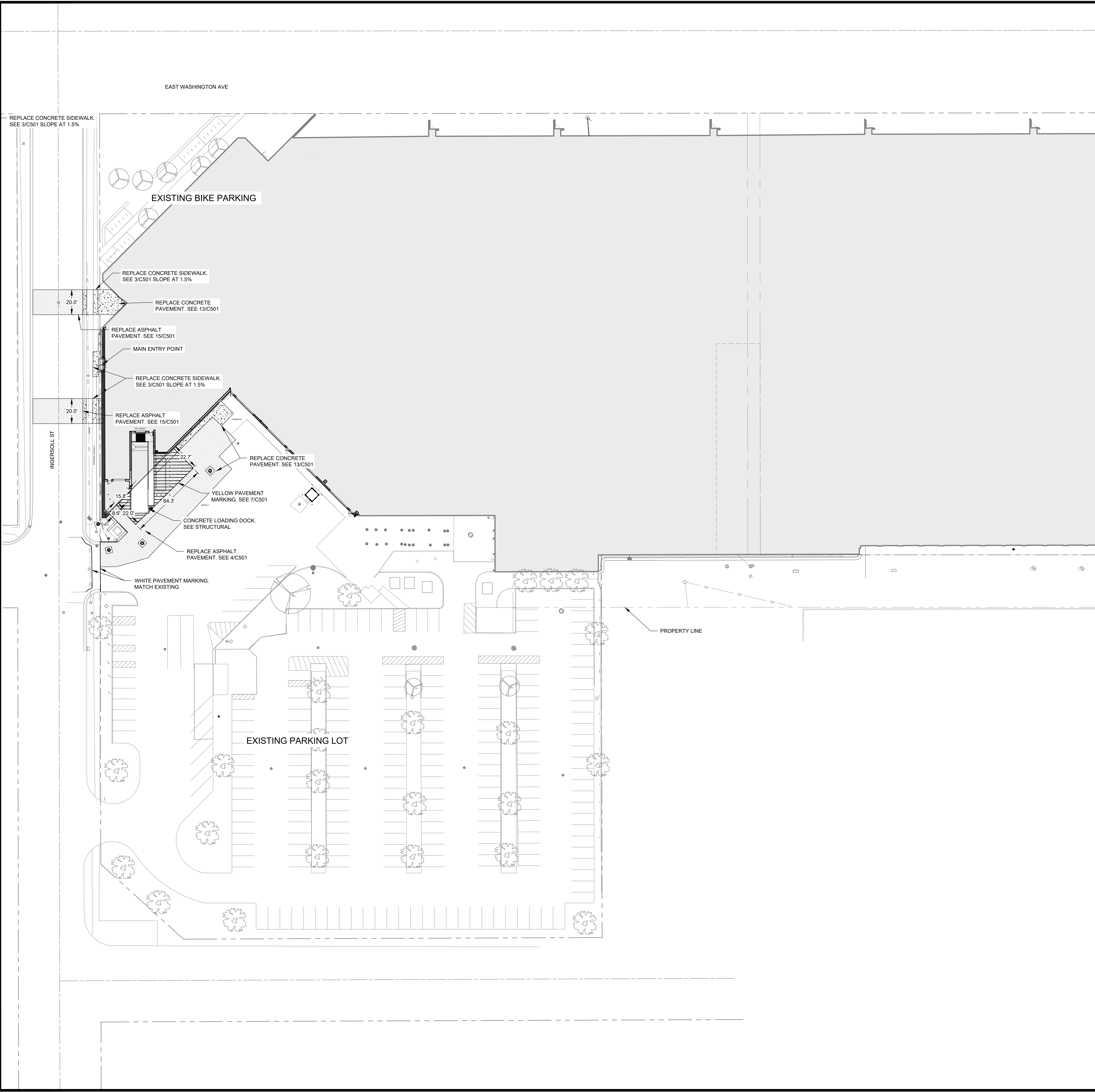
- 1) SAW CUT ALL PAVEMENT REMOVALS PRIOR TO REMOVING PAVEMENT.
- 2) REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
- 3) REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
- 4) REFERENCE Q-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.

LEGEND:

- REMOVE
- REMOVE ELECTRIC, UNDERGROUND
- REMOVE FENCE
- REMOVE SANITARY SEWER
- REMOVE STORM SEWER
- REMOVE WATER LINE
- SAW CUT PAVEMENT
- ASPHALT REMOVAL
- CONCRETE REMOVAL
- STRIP TOPSOIL

SITE KEY PLAN



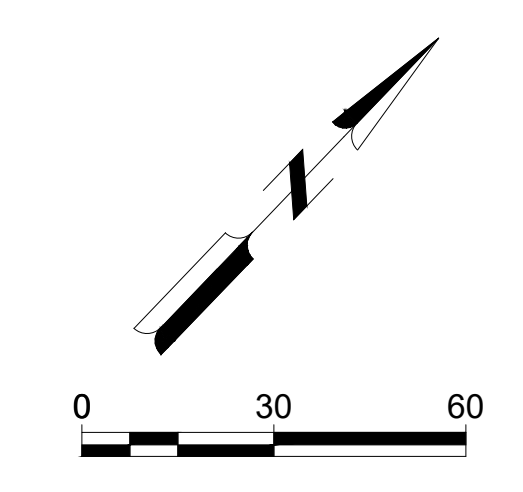
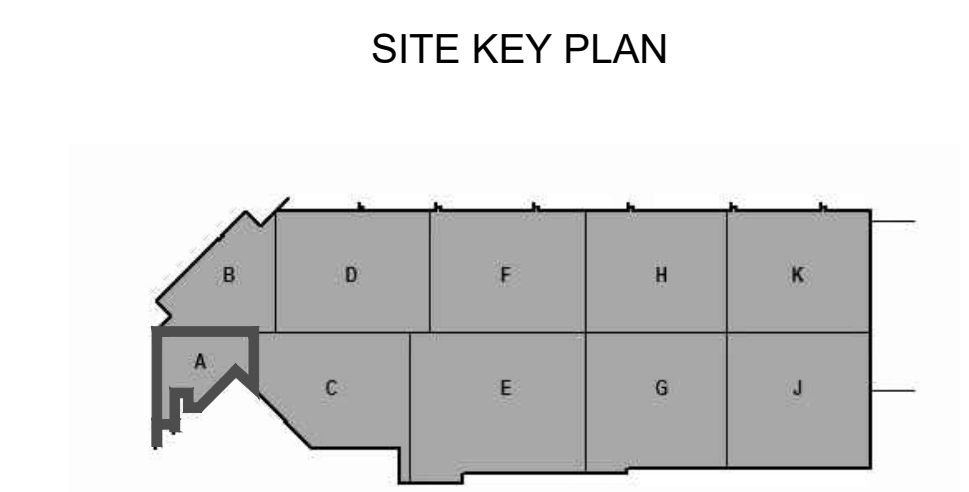


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LEGEND:

	BOLLARD
	FIRE HYDRANT
	LIGHT POLE
	STORM INLET, ROUND
	STORM SEWER MANHOLE
	WATER VALVE
	FENCE
	TEMPORARY CONSTRUCTION FENCE
	STORM SEWER / CULVERT
	WATER
	ASPHALT
	CONCRETE



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**CITY OF MADISON
 METRO TRANSIT - PHASE 3A - MAINTENANCE AND
 DRIVER FACILITY IMPROVEMENTS
 1 SOUTH INGERSOLL ST.
 MADISON, WI 53703**

ISSUED
 04/08/21 BID SET

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 M&H NO.: 4503500-190806.03
 DATE: APRIL 8, 2021
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 DRAWN BY: KSD
 CHECKED BY: ACA
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SHEET CONTENTS
 OVERALL SITE
 IMPROVEMENT PLAN

NOTES:











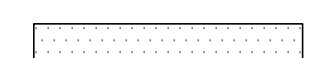
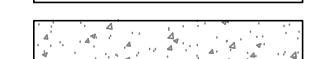
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JOINTING PLAN NOTES:

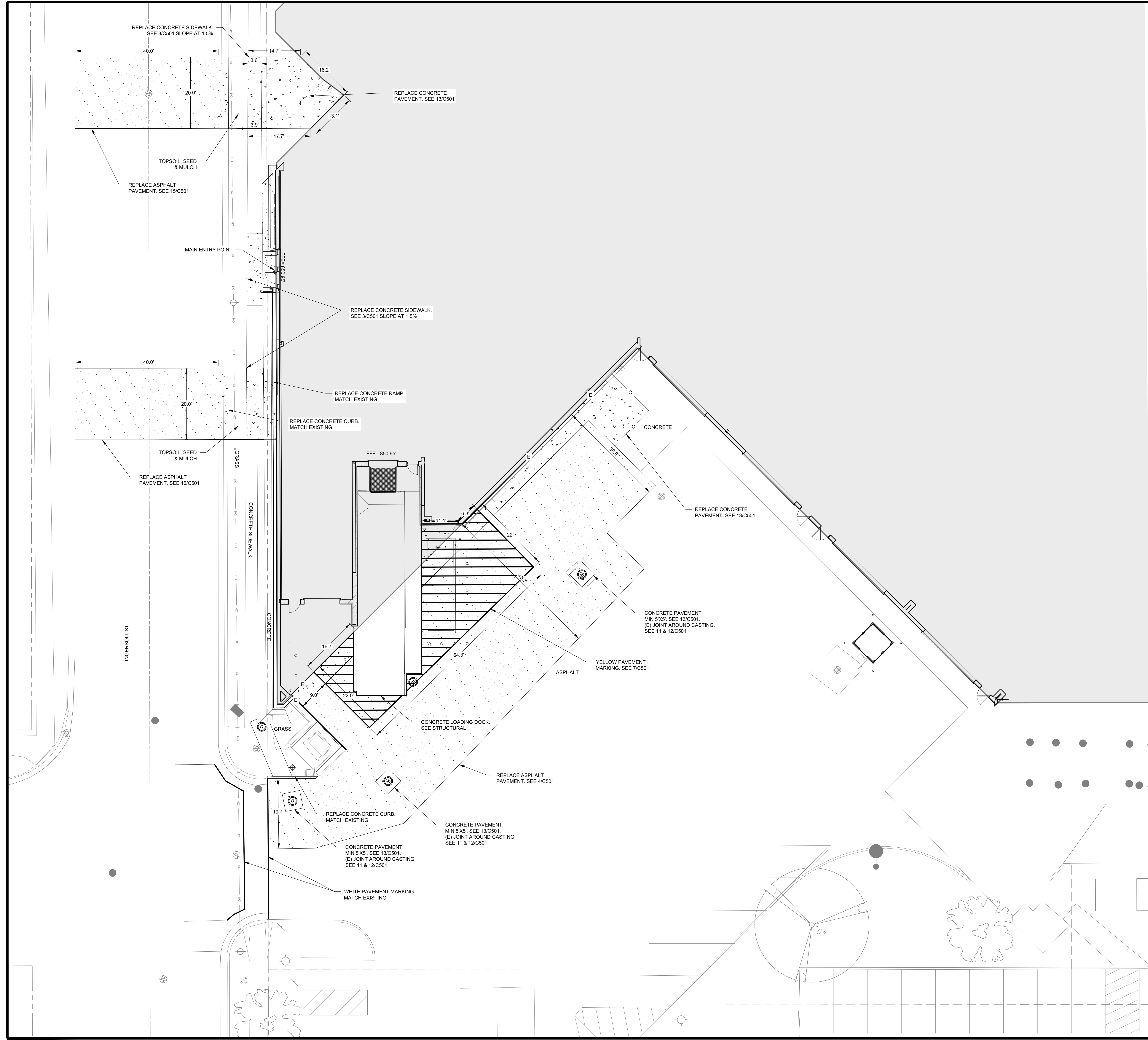
C = CONTRACTION/CONSTRUCTION JOINTS. SEE 9 & 10/C501

E = EXPANSION JOINTS. SEE 11 & 12/C501

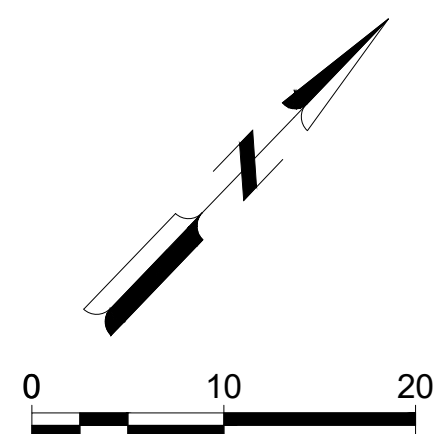
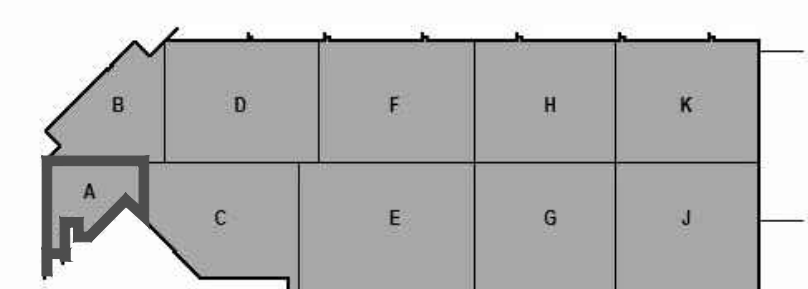
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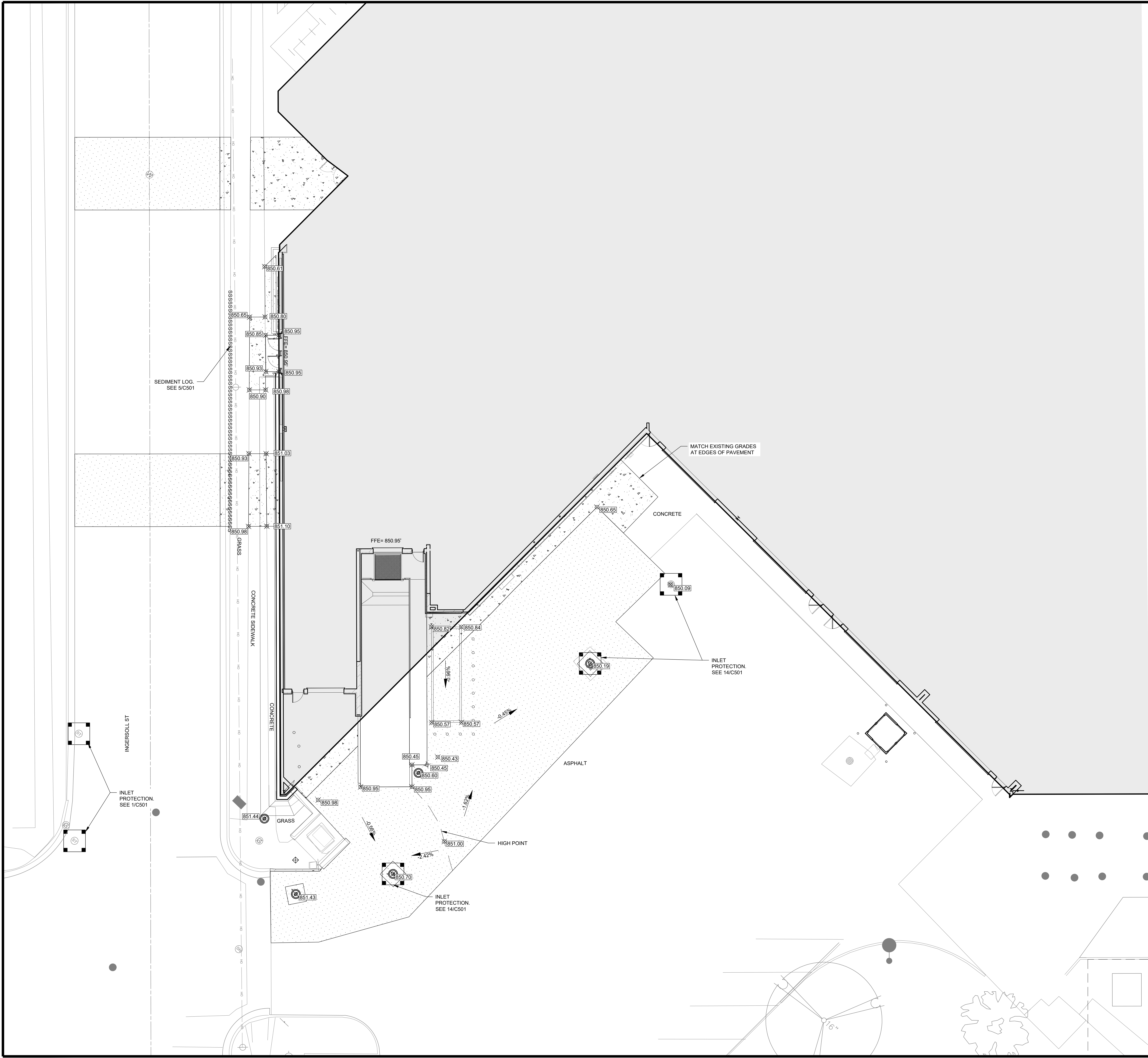
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-  FIRE HYDRANT
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-  STORM INLET, ROUND
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-  WATER VALVE
-  FENCE
-  TEMPORARY CONSTRUCTION FENCE
-  STORM SEWER / CULVERT
-  WATER
-  ASPHALT
-  CONCRETE

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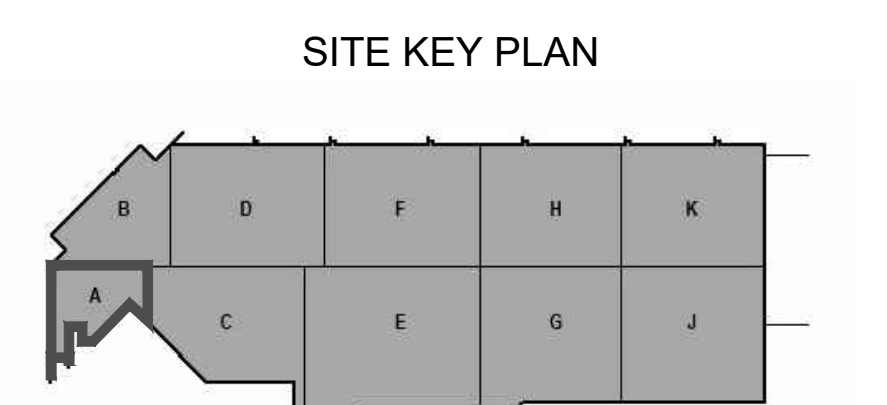




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 - 2) REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
 - 3) REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
- EROSION CONTROL AND STORMWATER MANAGEMENT**
- 1) STREET SWEEPING OR VACUUMING EQUIPMENT SHALL BE AVAILABLE DURING CONSTRUCTION AND SHALL BE USED DAILY TO REMOVE ANY SEDIMENT THAT IS TRANSPORTED OR ESCAPES THE IMMEDIATE CONSTRUCTION SITE.
 - 2) THE CONTRACTOR SHALL DESIGN A DEWATERING AND SEDIMENT REMOVAL SYSTEM TO BE SUBMITTED TO THE CITY AS PART OF THE EROSION CONTROL APPLICATION.
 - 3) ALL INLETS WITHIN THE CONSTRUCTION SITE AND WITHIN 300 FEET DOWNSTREAM OF THE DISTURBED AREA SHALL HAVE SEDIMENT CONTROL INLET PROTECTION.
 - 4) THE CONTRACTOR SHALL PROVIDE A TEMPORARY CONTAINER(S) FOR CONCRETE TRUCK WASHOUT. THE CONTAINER SHALL HOLD A MINIMUM VOLUME OF 600 CUBIC FEET & SHALL HAVE A MINIMUM DEPTH OF 4 FEET. THE CONTAINER MAY BE PREMANUFACTURED OR CUSTOM CONSTRUCTED. THE CONTAINER SHALL HAVE A MINIMUM 50 MIL THICK HDPE LINER OR EQUIVALENT TO PREVENT LEAKAGE. THE CONTAINER(S) SHALL BE REGULARLY CLEANED AND THE CONTENTS PROPERLY DISPOSED.
 - 5) WEEKLY AND STORM RELATED EROSION CONTROL INSPECTIONS SHALL BE PERFORMED AND REPORTED PER CITY ORDINANCE (CHAPTER 37). A USLE COMPUTATION HAS BEEN SUBMITTED AS PART OF THE CITY EROSION CONTROL APPLICATION.
 - 6) PROPER EROSION CONTROL MEASURES MUST BE IN PLACE FOR FIRE SYSTEM TESTING, AND CITY ENGINEERING SHALL BE CONTACTED @ 608.266.4751 TO VERIFY MEASURES ARE ADEQUATELY INSTALLED PRIOR TO THIS TESTING.
 - 7) FOR EROSION CONTROL DETAILS, REFER TO CITY OF MADISON STANDARD DETAILS: WWW.CITYOFMADISON.COM/PW/DOCUMENTS/STDSPPCS/2017
 - 8) STOCKPILE AREAS SHALL BE PROTECTED WITH TARPS AND CLEAR GRAVEL BERMS AT LEAST 8 INCHES HIGH.
 - 9) ALL DISTURBED PERVIOUS AREAS SHALL BE SEEDED AND MULCHED ACCORDING TO THE SPECIFICATIONS.

LEGEND:

	BOLLARD
	FIRE HYDRANT
	LIGHT POLE
	STORM INLET, ROUND
	STORM SEWER MANHOLE
	WATER VALVE
	FENCE
	TEMPORARY CONSTRUCTION FENCE
	STORM SEWER / CULVERT
	WATER
	ASPHALT
	CONCRETE
	DRAINAGE FLOW DIRECTION
	INLET PROTECTION
	SPOT ELEVATION
	STABILIZED CONSTRUCTION ENTRANCE
	SEDIMENT LOG



**CITY OF MADISON
METRO TRANSIT - PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1 SOUTH INGERSOLL ST.
MADISON, WI 53703**

ISSUED
04/08/21 BID SET

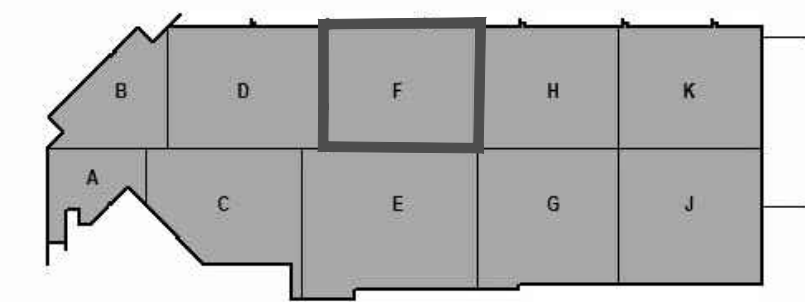
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M&H NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: ACA
DRAWN BY: KSD
CHECKED BY: ACA
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SHEET CONTENTS
SITE UTILITY PLAN

SHEET NO.

C-141

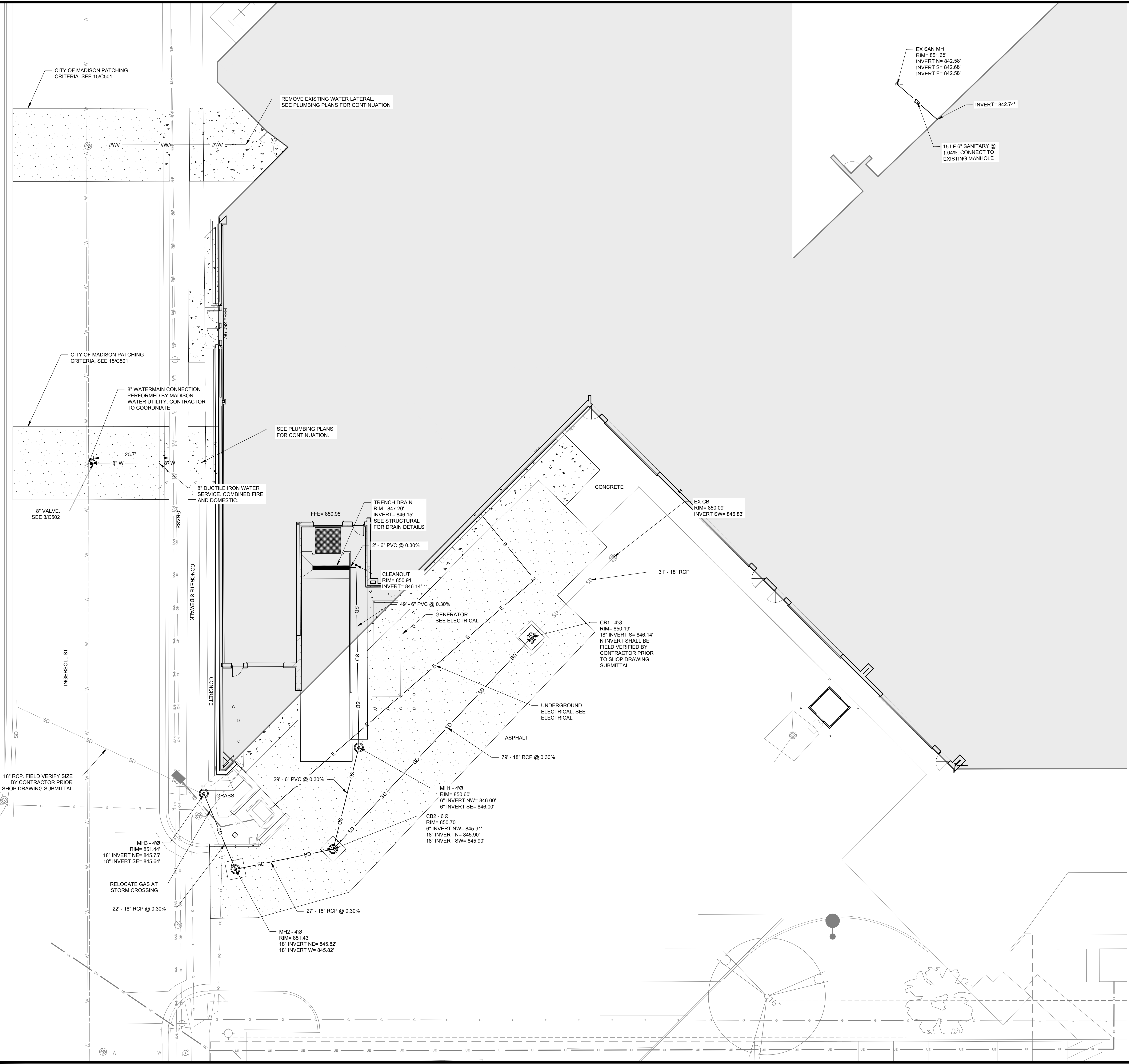
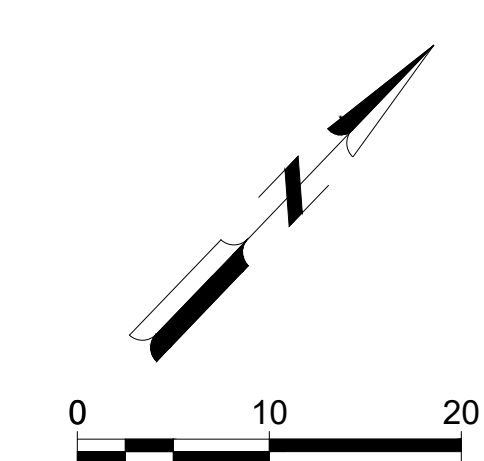
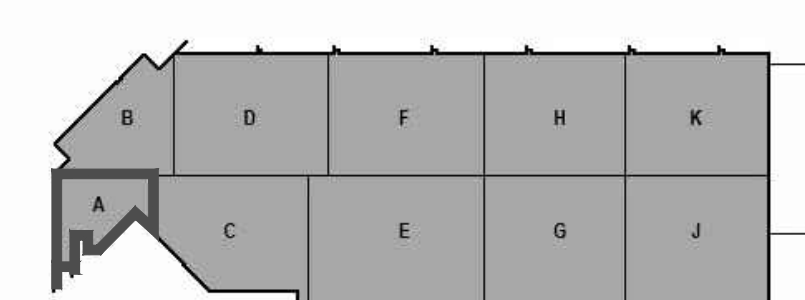
SITE KEY PLAN

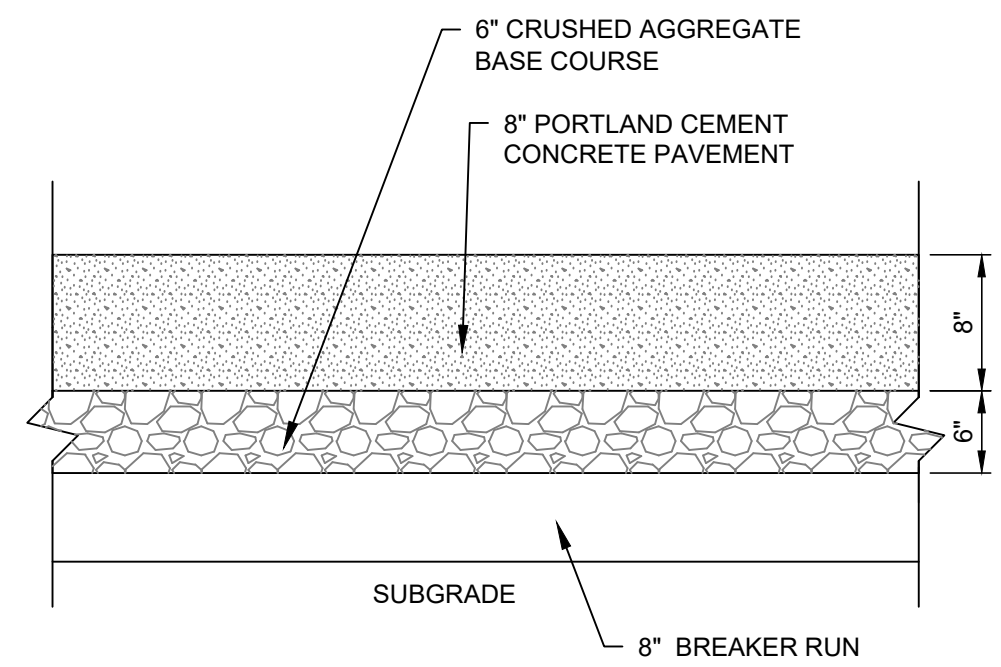


LEGEND:

- BOLLARD
- FIRE HYDRANT
- LIGHT POLE
- STORM INLET, ROUND
- STORM SEWER MANHOLE
- WATER VALVE
- FENCE
- TEMPORARY CONSTRUCTION FENCE
- STORM SEWER / CULVERT
- WATER
- WATER REMOVAL
- ASPHALT
- CONCRETE

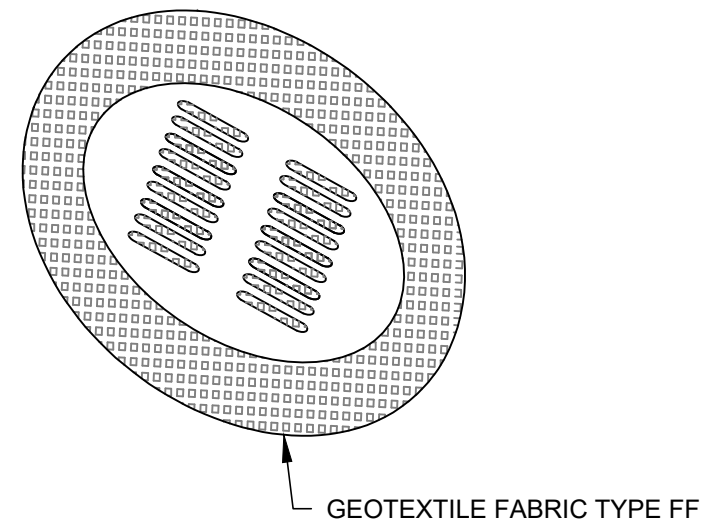
SITE KEY PLAN





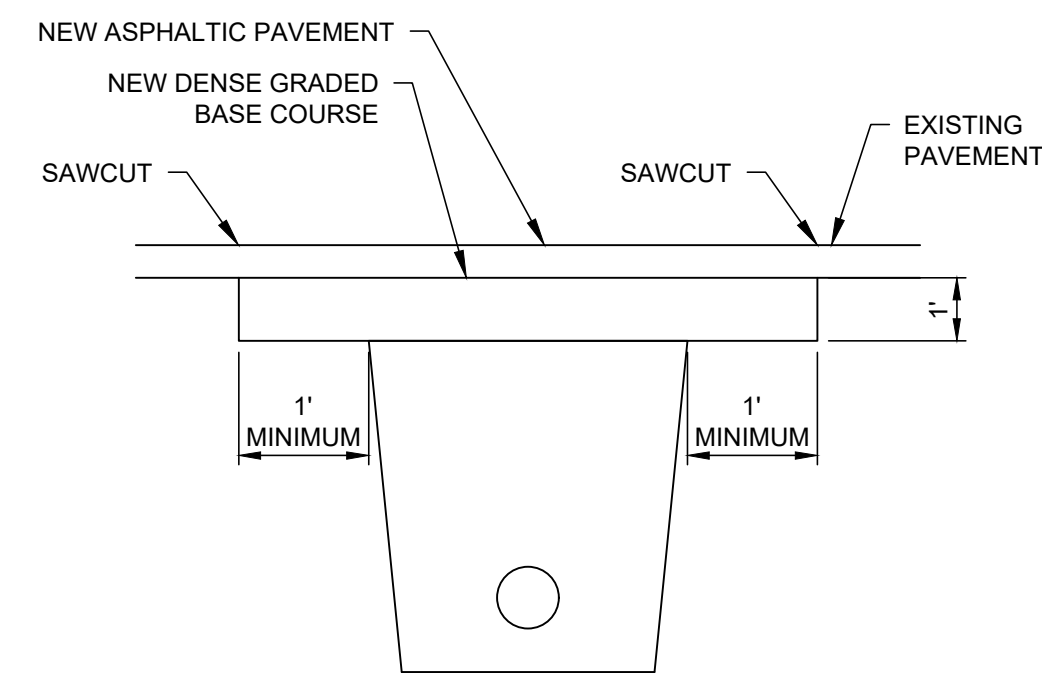
- NOTES:
1. PLACE EXPANSION JOINTS AT BUILDING EDGE
 2. PLACE CONTRACTION JOINTS AT APPROXIMATELY 10' X 10' TO 12' X 12' SQUARES

13 TYPICAL CONCRETE PAVEMENT SECTION
NOT TO SCALE



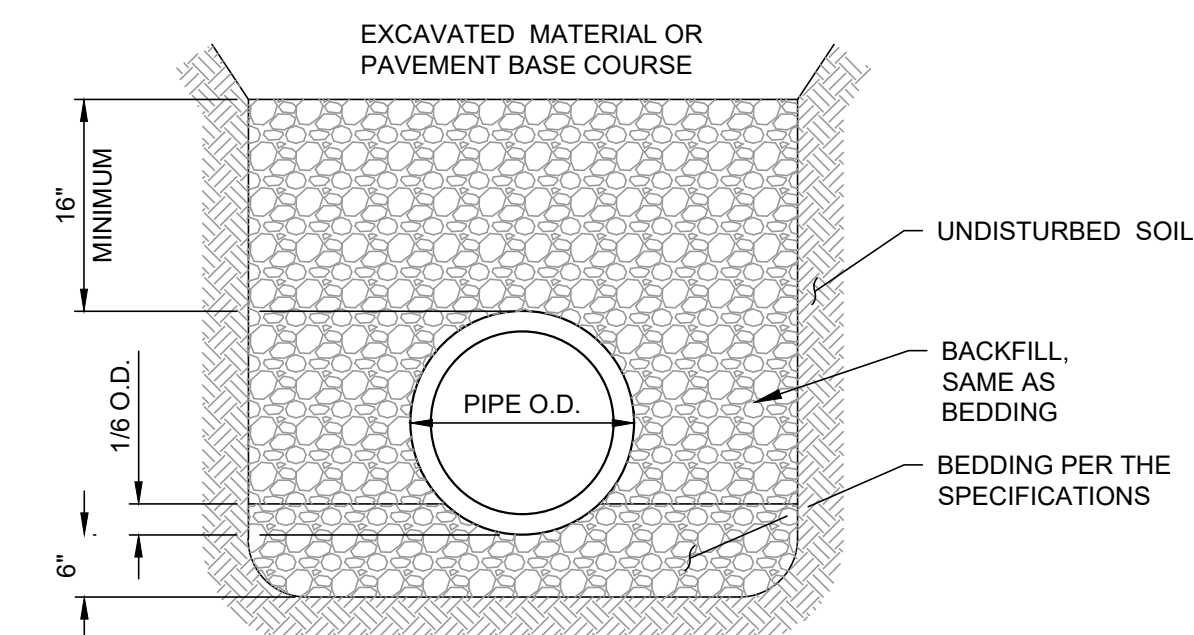
- NOTES:
1. FABRIC SIZE SHALL BE 8-INCH (MIN) GREATER ON ALL SIDES OF THE INLET COVER TO PROVIDE A HAND HOLD WHEN MAINTENANCE OR REMOVAL IS REQUIRED.
 2. CLEAN OR REPLACE WHEN PLUGGED

14 INLET PROTECTION DETAIL, TYPE B
NOT TO SCALE



- NOTES:
1. THE PATCH SHALL BE CRUSHED STONE BASE COURSE, GRADATION NO. 2 OVERLAID WITH ASPHALT UPPER LAYER EQUAL IN THICKNESS TO THE EXISTING ASPHALTIC PAVEMENT, WITH A MINIMUM THICKNESS OF 3.5" AND A MAXIMUM THICKNESS OF 6" UNLESS OTHERWISE SPECIFIED AND LAID IN ONE OR MORE COURSES AS DIRECTED BY THE ENGINEER.
 2. THE PAVEMENT ALONG THE PATH SHALL BE SAWCUT, FULL DEPTH, AND INCIDENTAL TO THE TRENCH PAD. THE EDGES OF THE EXISTING ASPHALTIC PAVEMENT SHALL BE FREE OF LOOSE STONES OR PAVEMENT MATERIAL.
 3. THE CRUSHED STONE BASE COURSE SHALL BE INSTALLED IN TWO LIFTS. THE LOWER LIFT SHALL BE THOROUGHLY MECHANICALLY COMPACTED PRIOR TO PLACING THE UPPER LIFT.
 4. THE ASPHALT UPPER LAYER SHALL BE LAID IN TWO LIFTS. THE ASPHALT UPPER LAYER SHALL BE MACHINE LAID WHERE DIRECTED BY THE ENGINEER. WHERE THE ASPHALTIC UPPER LAYER IS MACHINE LAID AND IS NOT MORE THAN 3" IN THICKNESS, THE ASPHALT SURFACE COURSE MAY BE IN ONE LIFT.
 5. PRIOR TO PLACING THE ASPHALT UPPER LAYER, THE EDGES OF THE PATCH AND THE SURFACE OF THE CRUSHED STONE BASE SHALL BE TACKED AND PRIMED WITH LIQUID ASPHALT.
 6. THE TYPICAL PAVEMENT PATCH SECTION RELATES TO THE CITY OF MADISON ENGINEERING DIVISION STANDARD DETAIL DRAWING 5.2.4.

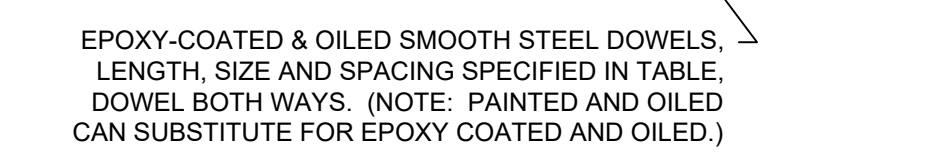
15 TYPE III UTILITY TRENCH PATCH
NOT TO SCALE



NOTE:
BOTTOM OF TRENCH SHALL BE THE PIPE O.D. PLUS 16-INCHES

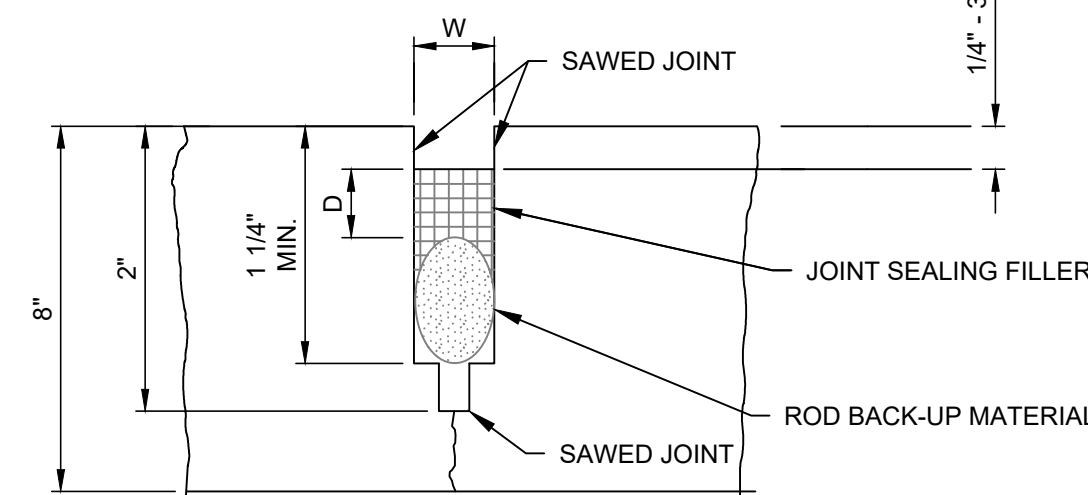
16 STORM SEWER PIPE TRENCH DETAIL
NOT TO SCALE

DOWEL SIZING AND SPACING			
T	Di	L	Spacing
8"	1"	19"	12"



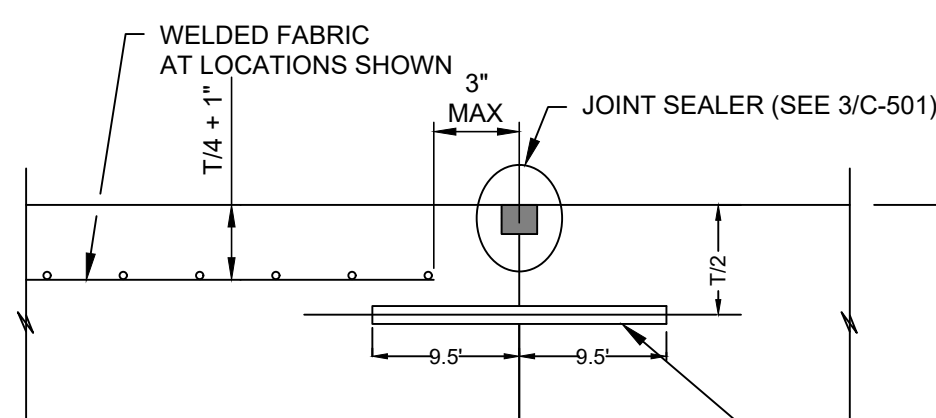
EPOXY-COATED & OILED SMOOTH STEEL DOWELS. LENGTH, SIZE AND SPACING SPECIFIED IN TABLE. DOWEL BOTH WAYS. (NOTE: PAINTED AND OILED CAN SUBSTITUTE FOR EPOXY COATED AND OILED.)

8 TYPICAL CONTRACTION JOINT DETAIL
NOT TO SCALE



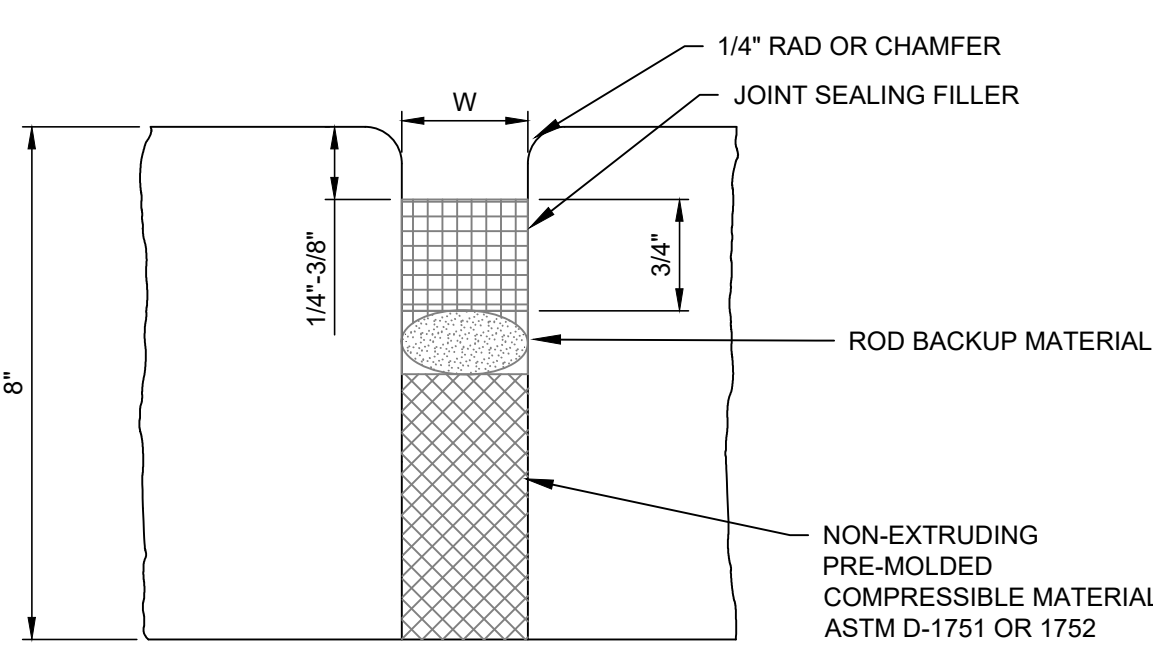
- NOTES:
1. SEALANT RESERVOIR SIZED TO PROVIDE PROPOSED SHAPE FACTOR W/D AS RECOMMENDED BY THE SEALANT MANUFACTURER FOR OPTIMUM PERFORMANCE.
 2. ROD BACKUP MATERIAL SHALL BE COMPATIBLE WITH THE TYPE OF SEALANT USED AND SIZED TO PROVIDE THE ADEQUATE SHAPE FACTOR.
 3. FOR SIDEWALK AND CURB USE NON-DOWELED CONTRACTION JOINTS AT 5' INTERVALS FOR SIDEWALK AND 10' INTERVALS FOR CURB.

9 TYPICAL CONTRACTION JOINT MATERIAL DETAIL
NOT TO SCALE



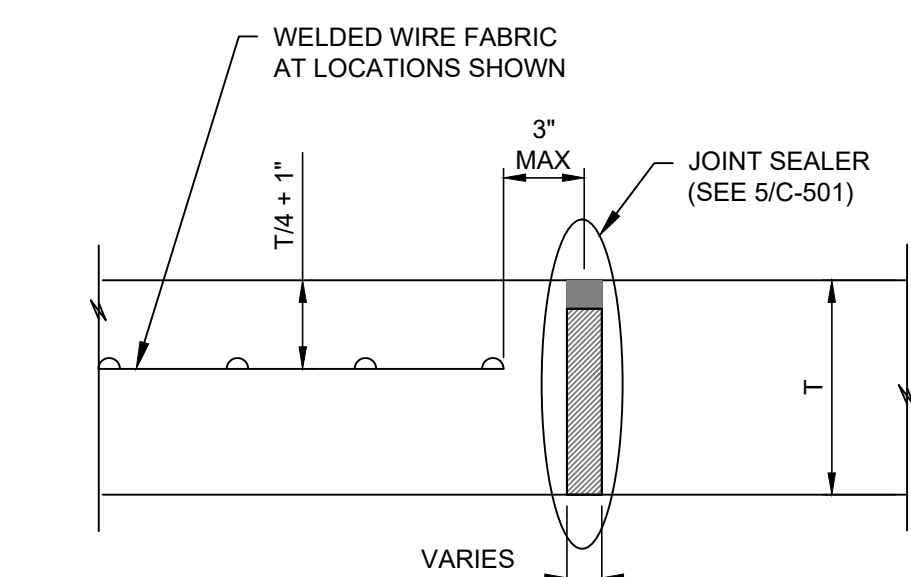
- DOWELS TO BE DRILLED INTO EXISTING CONCRETE WITH HOLE BLOWN CLEAN & DOWEL EPOXYED. ALSO PLACE AT EXISTING PAVEMENTS WHERE INDICATED & AT CONTINUATION OF NEXT DAY POURS.
- EPOXY-COATED SMOOTH STEEL DOWELS, 1" IN DIAMETER, 19" IN LENGTH, SPACED AT 12" BOTH WAYS. (NOTE: PAINTED CAN BE SUBSTITUTED FOR EPOXY COATED.) (OIL PRIOR TO CONCRETE PLACEMENT.)
- NOTE:
T=THICKNESS OF CONCRETE PAVEMENT.

10 (C) DOWELED CONSTRUCTION JOINT DETAIL
NOT TO SCALE



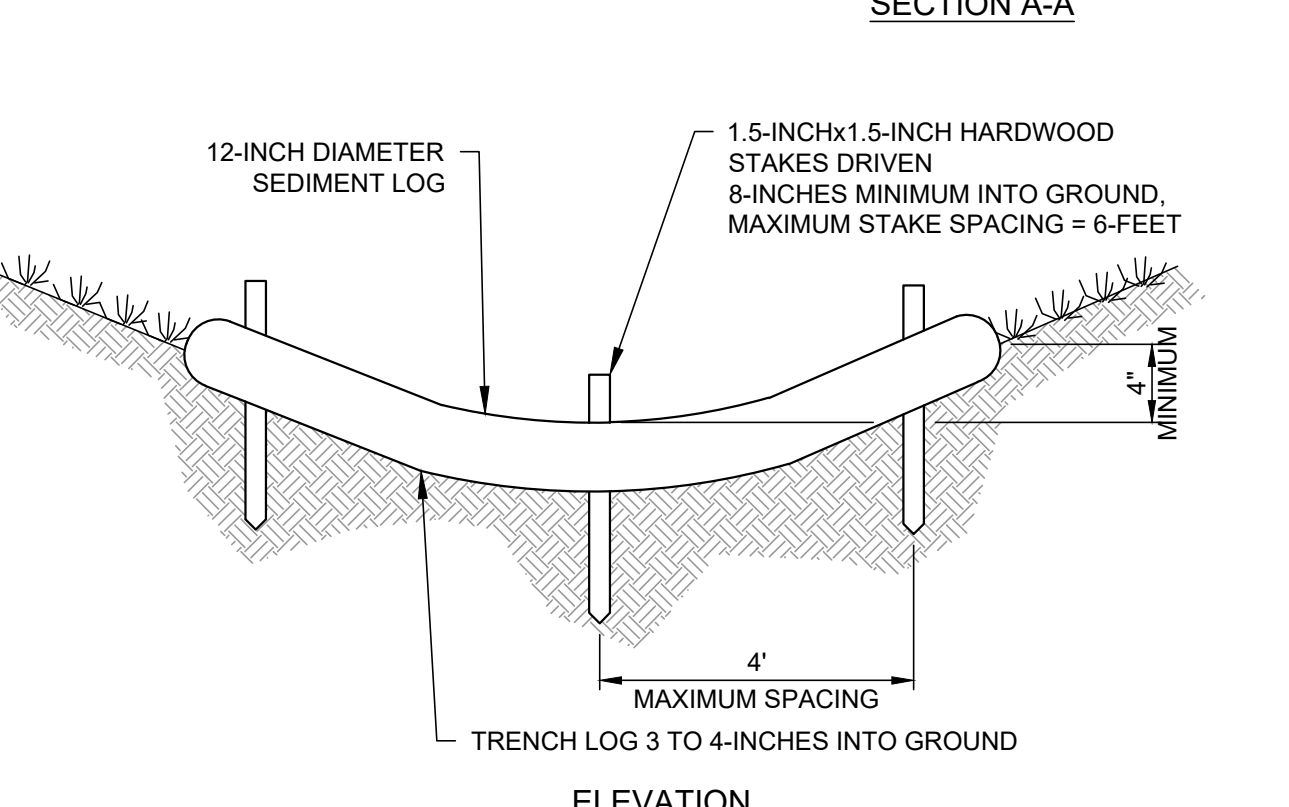
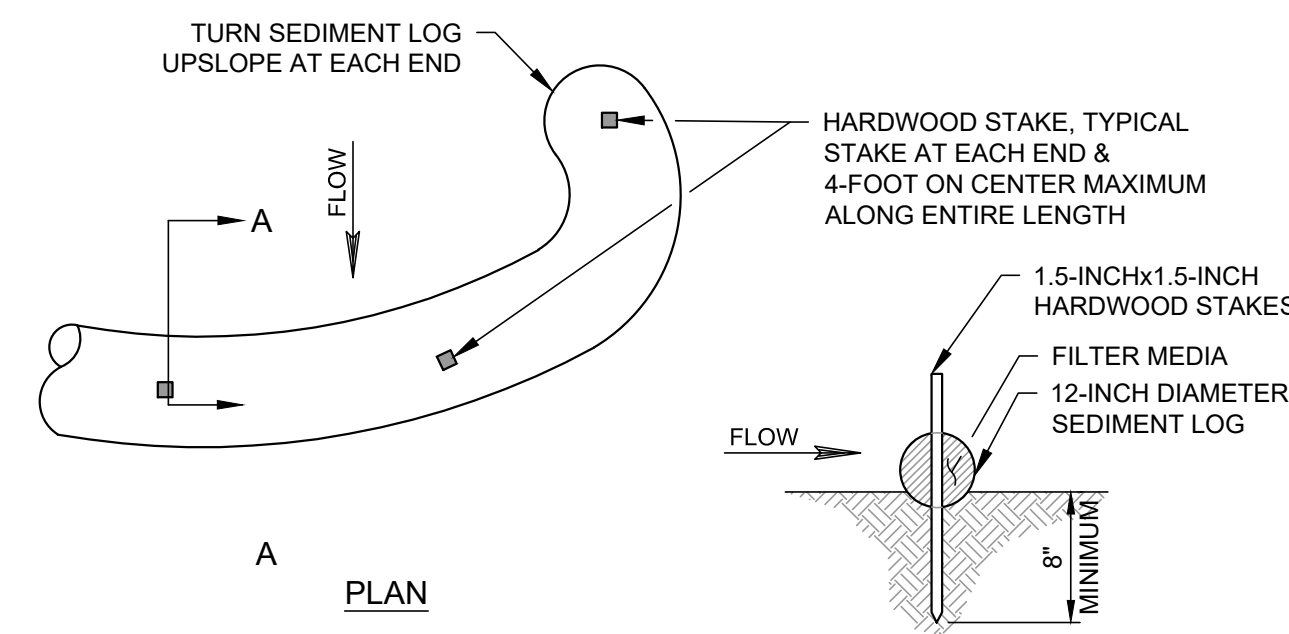
- NOTES:
1. FOR JOINTS ABUTTING BUILDINGS USE W=1"
 2. FOR JOINTS ABUTTING SIDEWALKS, USE W=1/2"
 3. PLACE IN CURB AT 200' MINIMUM INTERVALS, BETWEEN POURS, THE BEGINNING AND END OF ALL CURB RADII AND AROUND STRUCTURES.
 4. PLACE IN SIDEWALK ABUTTING EXISTING PAVEMENT AND AT A MINIMUM OF 200'.

11 TYPICAL EXPANSION JOINT MATERIAL DETAIL
NOT TO SCALE



NOTE:
T=THICKNESS OF CONCRETE PAVEMENT.

12 (E) TYPICAL EXPANSION JOINT DETAIL
NOT TO SCALE

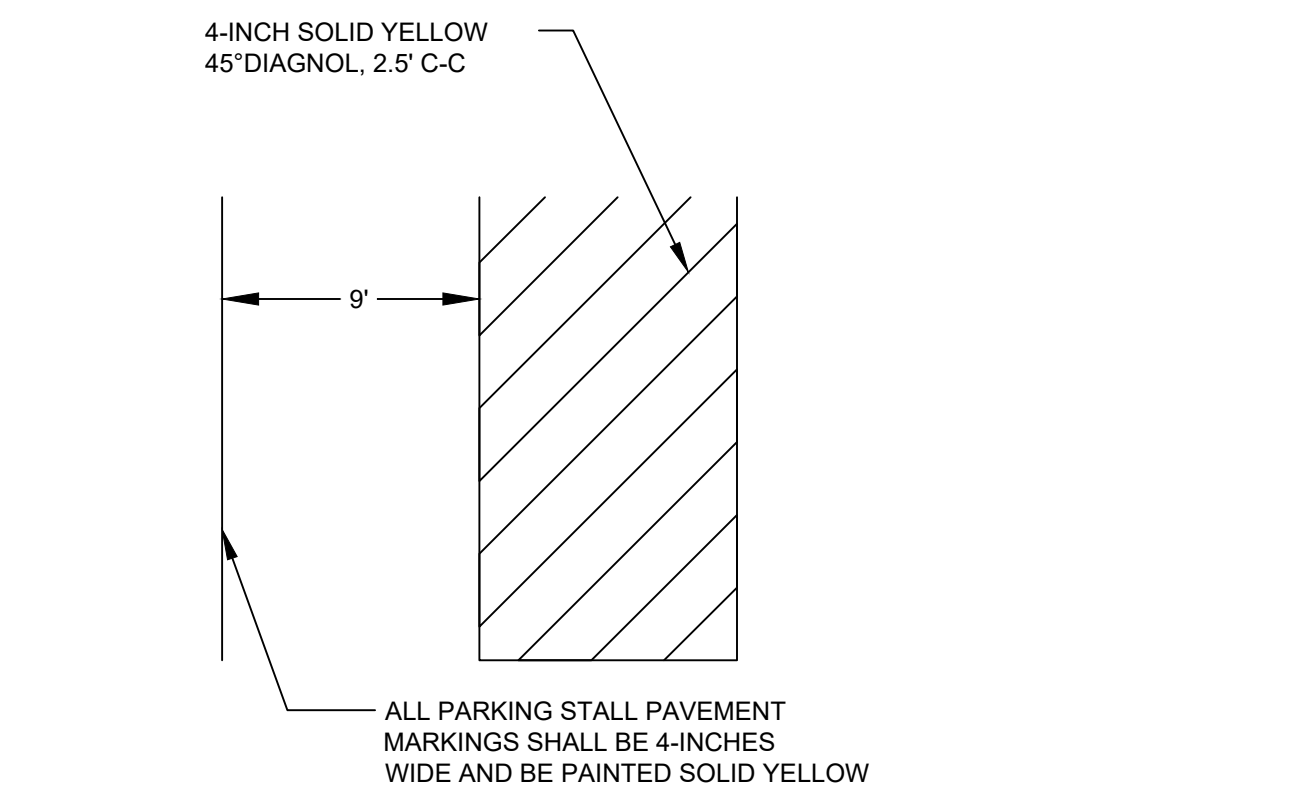


5 SEDIMENT LOG INSTALLATION DETAIL
NOT TO SCALE

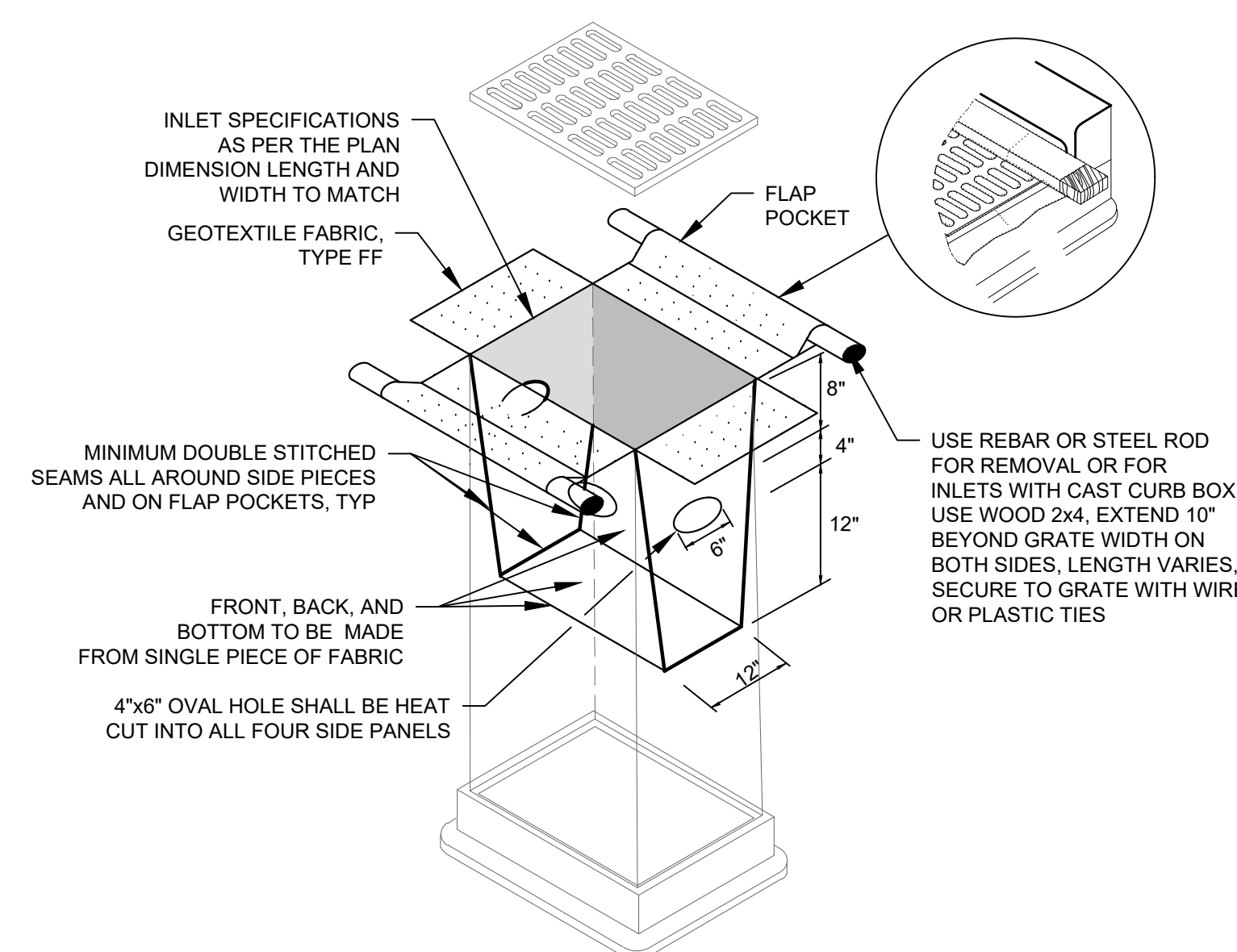
- NOTES:
1. 4-FOOT DIAMETER MANHOLE SHALL BE CONSIDERED STANDARD.
 2. PROVIDE LARGER DIAMETER MANHOLES WHERE SHOWN ON PLAN.
 3. MANHOLE BASE SHALL BE CAST MONOLITHICALLY WITH THE BARREL SECTION. BOTTOM BARREL SECTION SHALL BE A MINIMUM OF 28 INCHES HIGH.
 4. PROVIDE A MINIMUM OF 4-INCHES OF RING ADJUSTMENT.
 5. WHEN ADDITIONAL ADJUSTMENT IS REQUIRED, IT SHALL BE DONE WITH A COMBINATION OF RINGS THICKER THAN 2-INCHES.

	MAXIMUM PIPE INSIDE DIAMETER STRAIGHT THROUGH TO 45° DEFLECTION	MAXIMUM PIPE INSIDE DIAMETER 90° DEFLECTION
4' MANHOLE	18"	18"
5' MANHOLE	30"	27"
6' MANHOLE	42"	30"

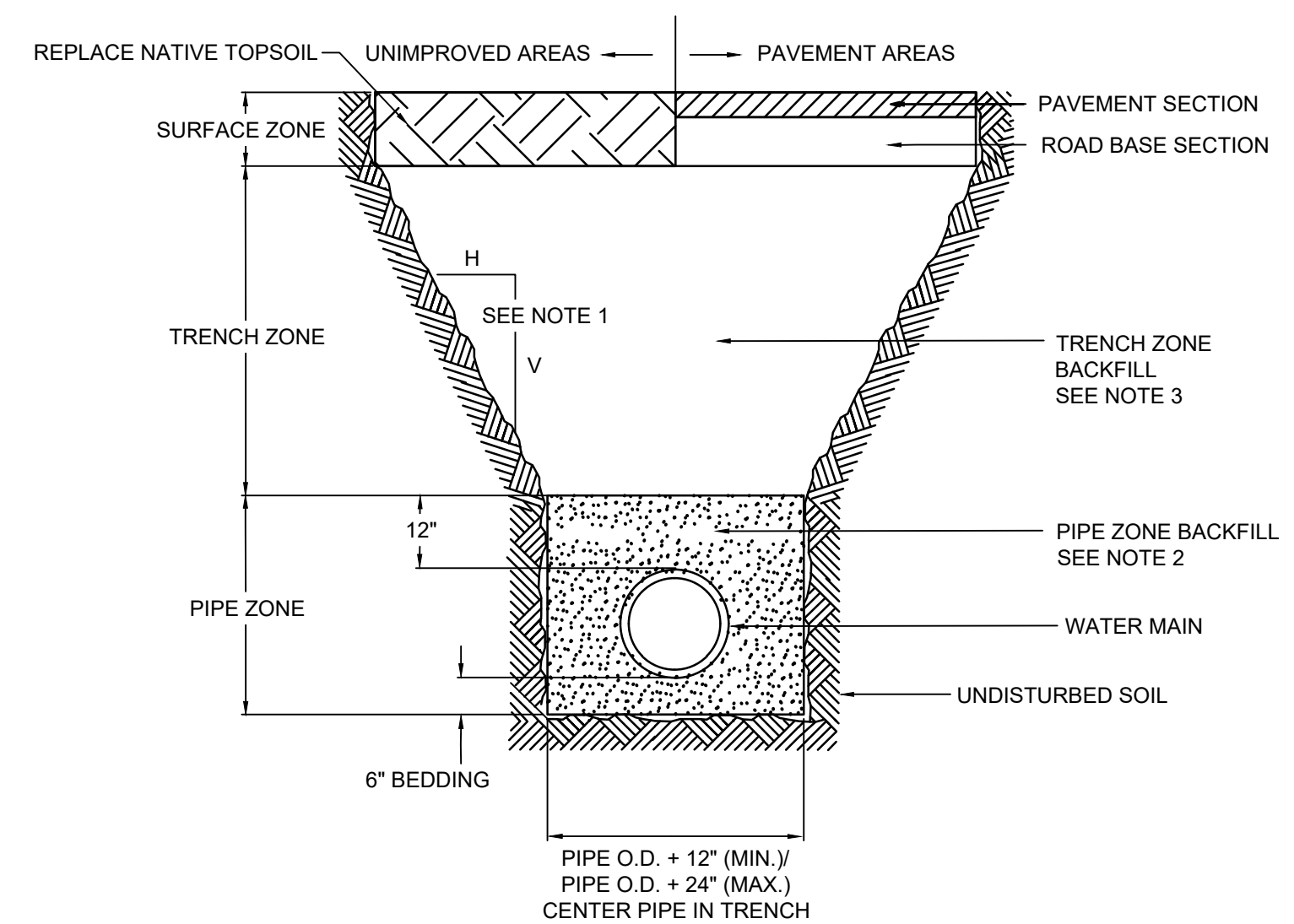
6 PRECAST CONCRETE MANHOLE DETAIL
NOT TO SCALE



7 PARKING STALL MARKING DETAIL
NOT TO SCALE

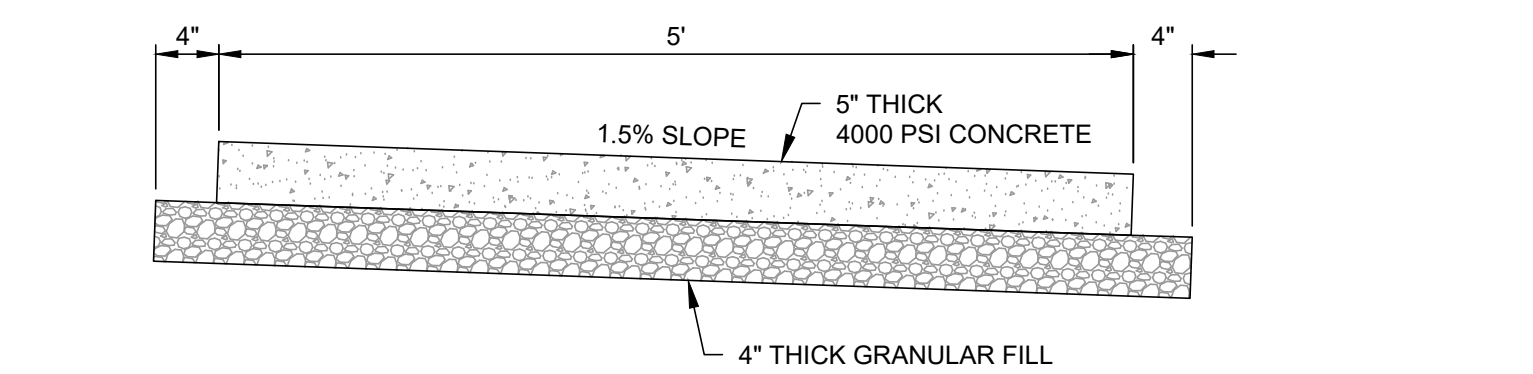


1 INLET PROTECTION DETAIL, TYPE D
NOT TO SCALE

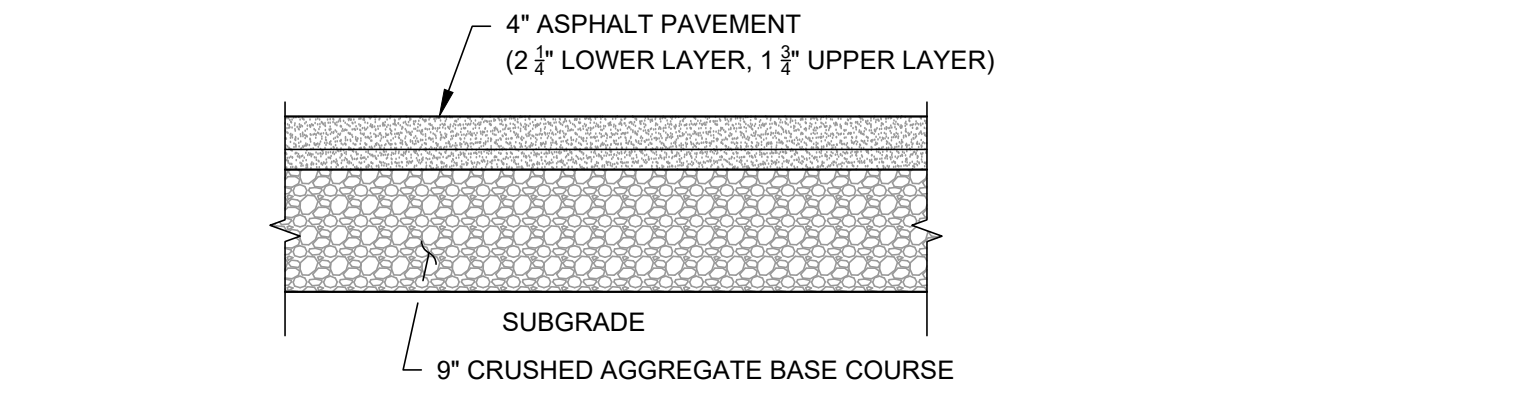


- NOTES:
1. ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE WISCONSIN ADMINISTRATIVE CODE FOR "TRENCH EXCAVATION AND TUNNEL CONSTRUCTION" AND ANY ADDITIONAL REQUIREMENTS INCLUDING IN THE CONTRACT DOCUMENTS.
 2. BACKFILL OPERATIONS SHALL COMPLY WITH THE SPECIFICATIONS. THE PIPE ZONE BEDDING MATERIAL SHALL CONSIST OF SELECT FILL SAND, LIMESTONE SCREENINGS, CLEAR STONE, OR WASHED GRAVEL.
 3. THE PIPE ZONE BEDDING MATERIAL SHALL CONSIST OF SELECT FILL SAND, LIMESTONE SCREENINGS, CLEAR STONE, OR WASHED GRAVEL.
 4. SEE SPECIFICATIONS FOR BACKFILL/COMPACTION REQUIREMENTS OF BEDDING COVER MATERIAL IN THE PIPE ZONE.
 5. TRENCH ZONE COMPACTION REQUIREMENTS:
-ALL COMPACTION OPERATIONS SHALL COMPLY WITH THE SPECIFICATIONS.

2 WATER SERVICE BEDDING DETAIL
NOT TO SCALE



3 SIDEWALK DETAIL
NOT TO SCALE



4 ASPHALT PAVEMENT DETAIL
NOT TO SCALE



metro transit



CITY OF MADISON
METRO TRANSIT - PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS
1 SOUTH INGERSOLL ST.
MADISON, WI 53703

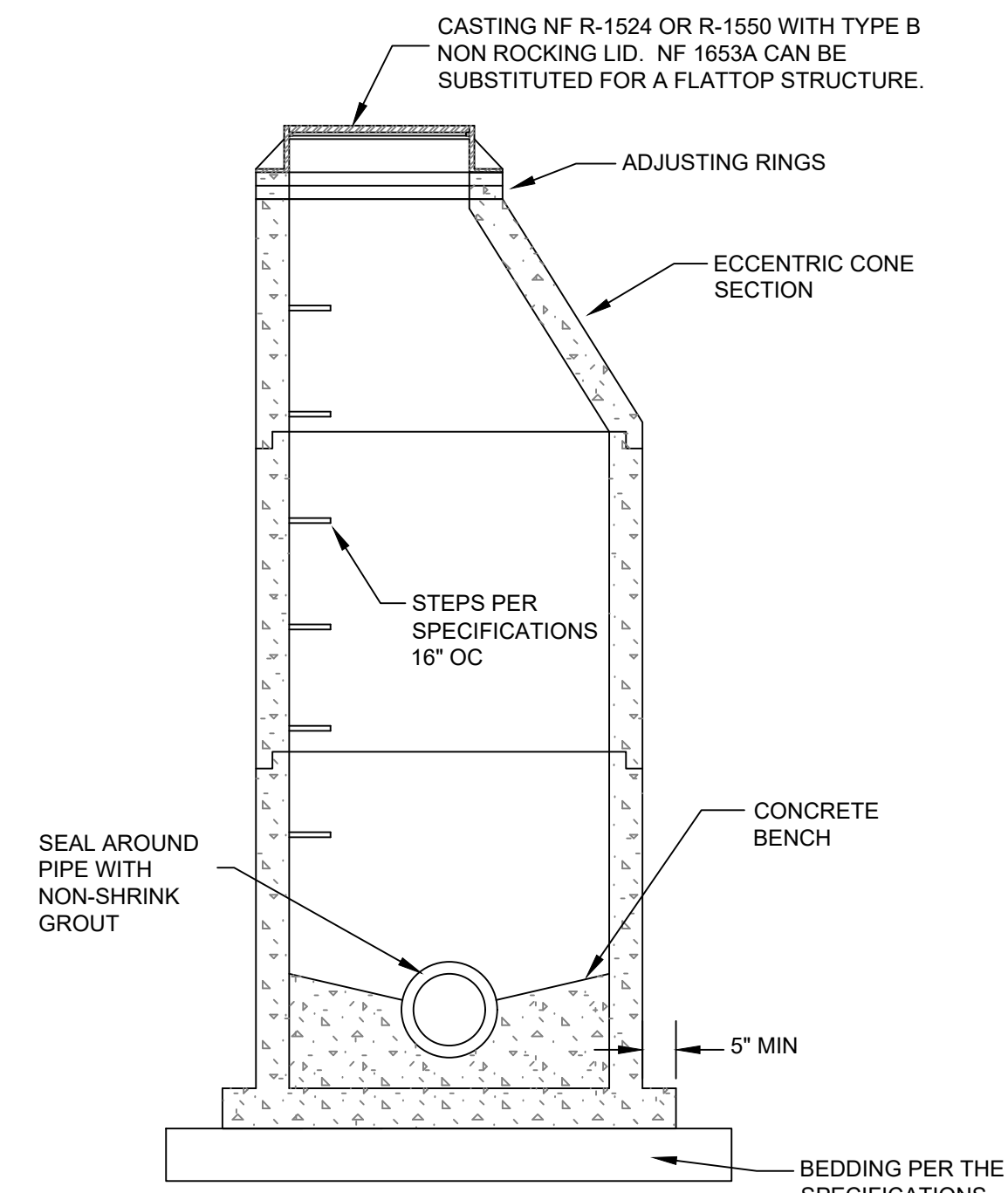
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SHEET NO.: 4503500-190806.03
DATE: APRIL 8, 2021
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DRAWN BY: KSD
CHECKED BY: ACA
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SHEET CONTENTS
DETAILS

SHEET NO.

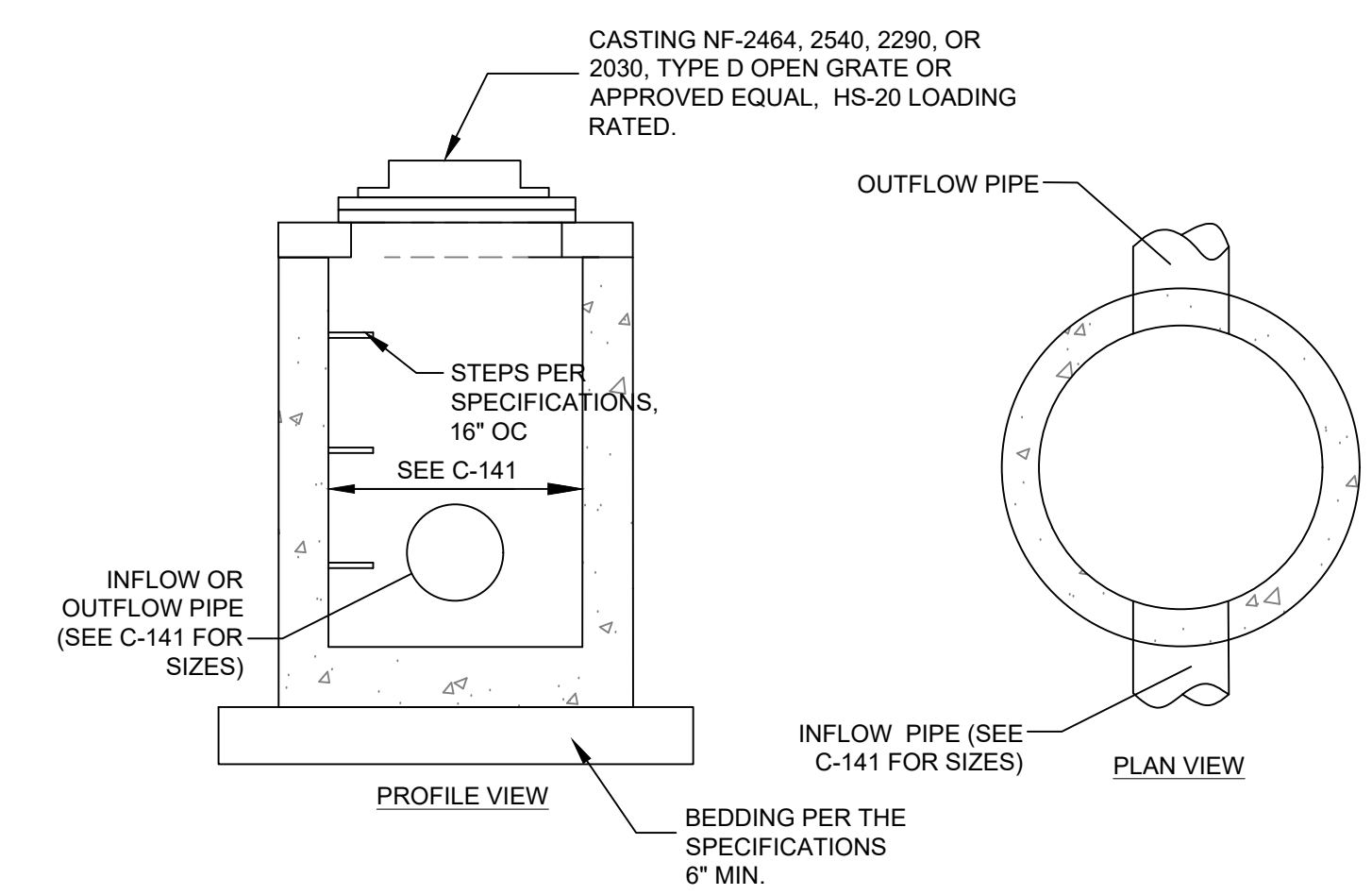
C-502



- NOTES:
1. PROVIDE 4 FOOT DIAMETER MANHOLES UNLESS OTHERWISE SPECIFIED ON THE PLANS.
 2. MANHOLE BASE SHALL BE CAST MONOLITHICALLY WITH THE BARREL SECTION. BOTTOM BARREL SECTION SHALL BE A MINIMUM OF 28 INCHES HIGH.
 3. PROVIDE A MINIMUM OF 4 INCHES OF RING ADJUSTMENT.
 4. WHEN ADDITIONAL ADJUSTMENT IS REQUIRED, IT SHALL BE DONE WITH A COMBINATION OF RINGS THICKER THAN 2 INCHES.

1 STORM MANHOLE DETAIL

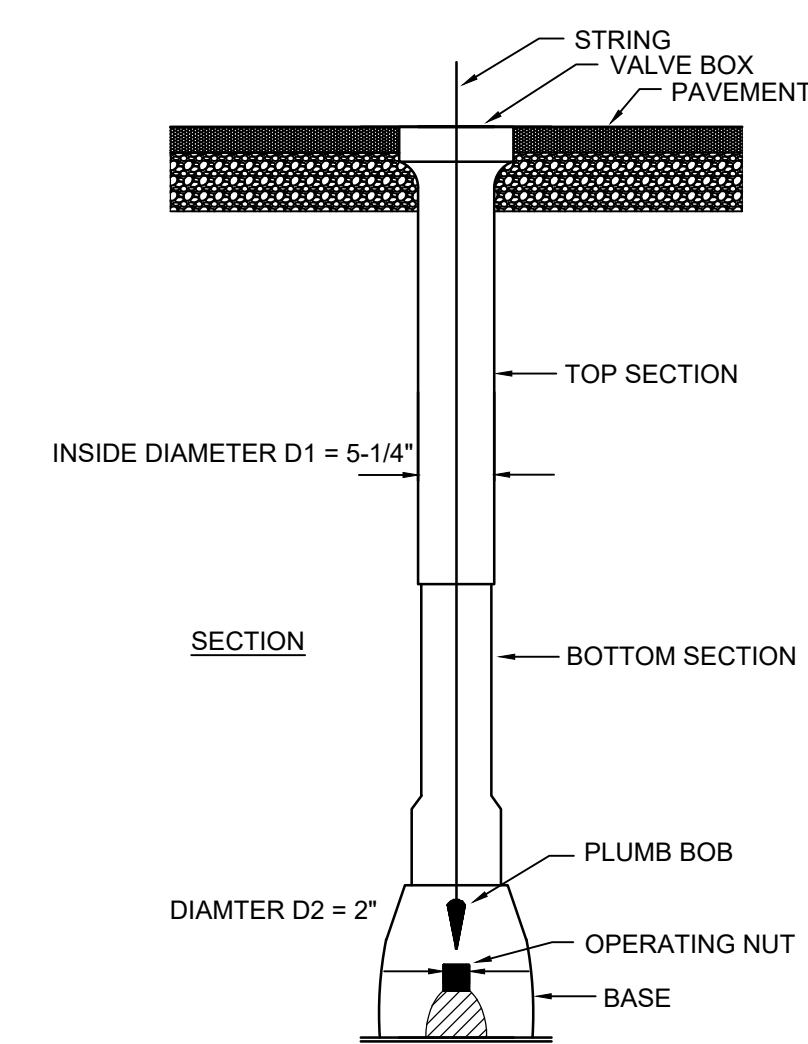
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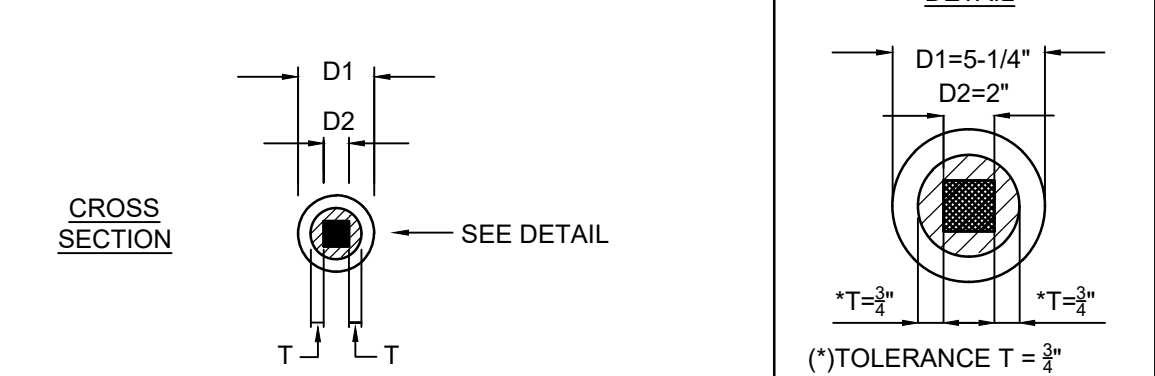
- NOTES:
1. PRECAST INLET IN ACCORDANCE WITH THE SPECIFICATIONS.
 2. BASE SHALL BE MONOLITHIC WITH THE RISER SECTION BOTTOM A MINIMUM OF 24 INCHES HIGH.

2 CATCH BASIN DETAIL

NOT TO SCALE

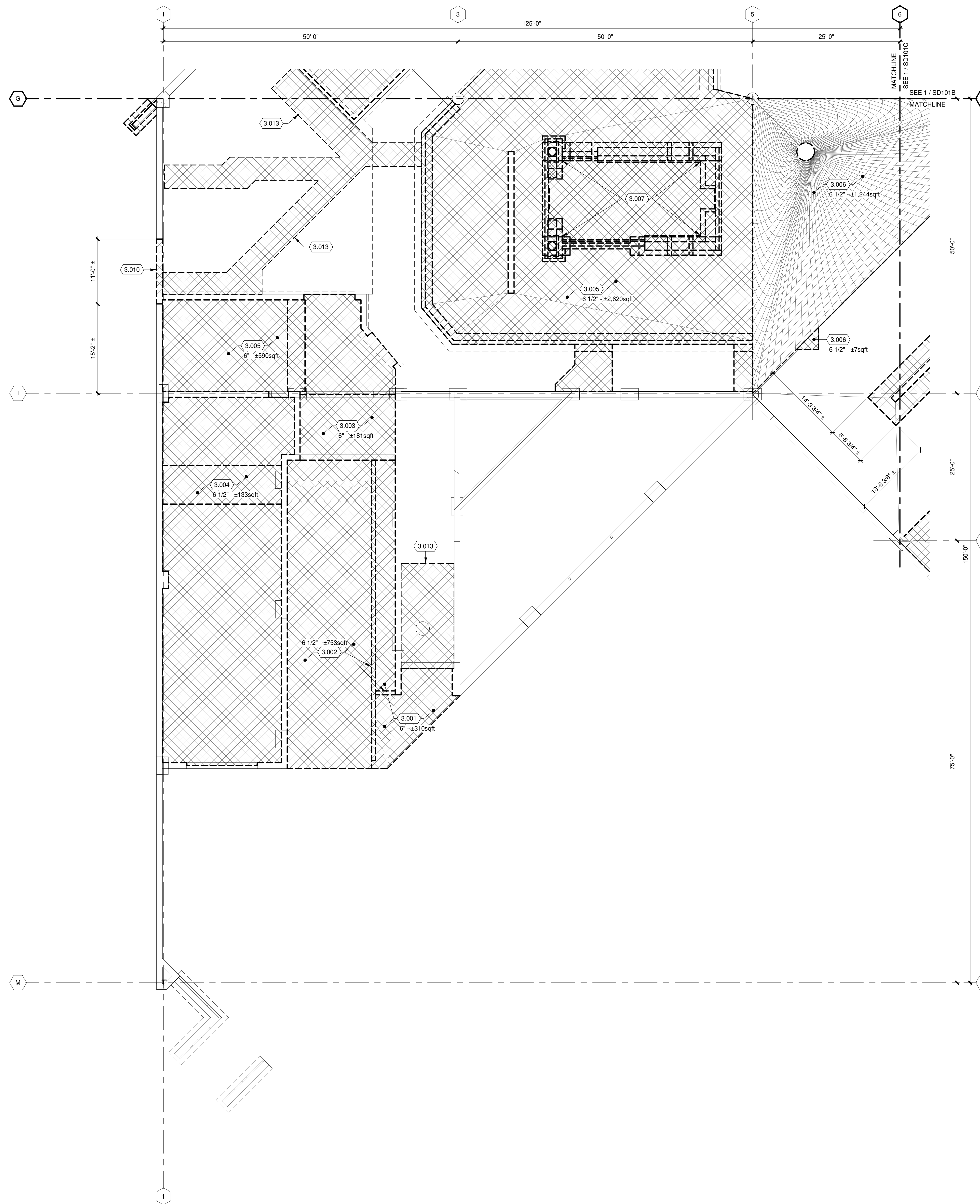


- NOTES:
1. VALVE BOX SHALL BE LOCATED PLUMB AND CENTERED WITH RESPECT TO THE VALVE OPERATING UNIT.
 2. ALLOWABLE TOLERANCE SHALL BE 1/8\"/>



3 WATER VALVE BOX ALIGNMENT DETAIL

NOT TO SCALE



**FOUNDATION AND FLATWORK
DEMOLITION PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-039 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.

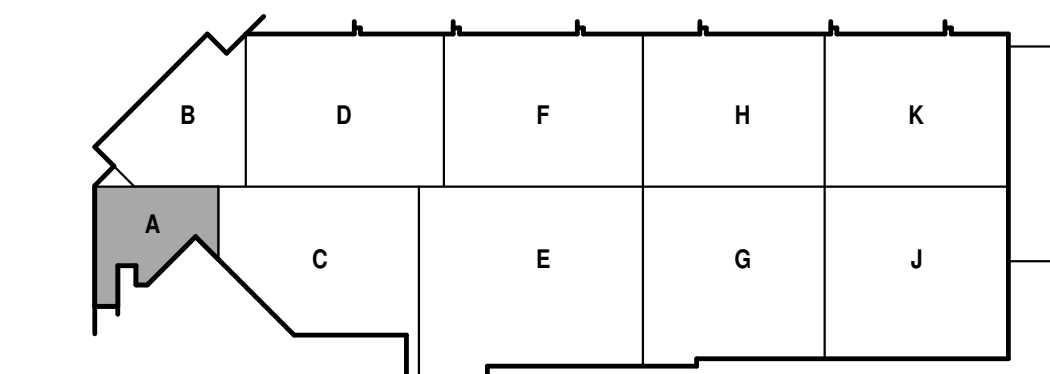


KEYED NOTES

- 3.001 REMOVE EXISTING EXTERIOR SLAB AS SHOWN.
- 3.002 REMOVE EXISTING LOADING DOCK SLAB AND RETAINING WALLS AS SHOWN. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE. FIELD VERIFY.
- 3.003 REMOVE EXISTING 2-WAY LOADING DOCK SLAB AS SHOWN. EXISTING GRADE BEAMS TO REMAIN. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE. FIELD VERIFY.
- 3.004 REMOVE EXISTING INTERIOR SLAB AS SHOWN FOR NEW FOUNDATION INSTALLATION. EXISTING GRADE BEAMS TO REMAIN. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE. FIELD VERIFY.
- 3.005 REMOVE EXISTING INTERIOR SLAB AND THICKENED SLAB AS SHOWN. EXISTING GRADE BEAMS AND FOOTINGS TO REMAIN. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE. FIELD VERIFY.
- 3.006 REMOVE EXISTING INTERIOR SLAB AS SHOWN. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE. FIELD VERIFY.
- 3.007 REMOVE EXISTING VEHICLE LIFT AND ASSOCIATED CONCRETE SLAB AND FOUNDATIONS. EXISTING STEEL PILES TO REMAIN. TURN OVER LIFT AND ASSOCIATED COMPONENTS TO OWNER AS REQUIRED.
- 3.010 CUT DOWN AND REMOVE EXISTING CONCRETE WALL/GRADE BEAM AS REQUIRED FOR NEW DOORS. TOP OF WALL/GRADE BEAM SHALL BE CUT DOWN TO ELEVATION 99'-8". PREP TOP OF WALL FOR NEW FLOOR FINISH. COORDINATE WITH ARCHITECTURAL. PATCH CONCRETE TO FINISHED FLOOR. COORDINATE WITH OTHER MATERIALS FOR FINISH AND EXACT ELEVATION.
- 3.013 REMOVE EXISTING SLAB AS REQUIRED FOR DEMO/INSTALLATION OF PLUMBING. COORDINATE LOCATIONS WITH PLUMBING. REPLACE SLAB AFTER COMPLETION OF PLUMBING WORK WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.



TRUE PLAN
NORTH NORTH
FOUNDATION/FLATWORK DEMOLITION PLAN - AREA A
1/8" = 1'-0"



KEY PLAN

**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS**
1101 EAST WASHINGTON AVE.
MADISON, WI 53703

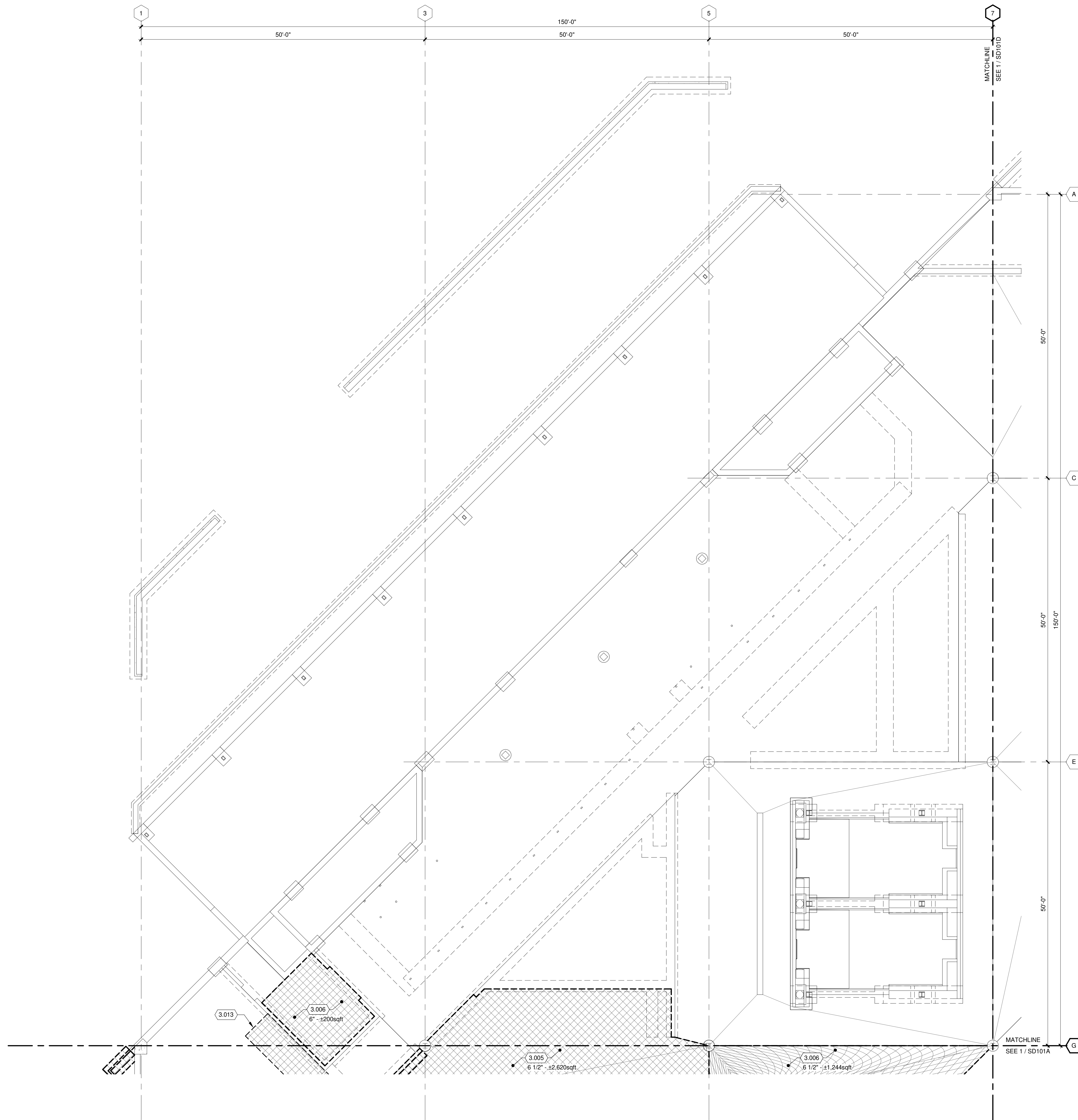
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DRAWN BY: NJB / MJE
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SHEET CONTENTS
FOUNDATION AND
FLATWORK
DEMOLITION PLAN -
AREA A

SHEET NO.:

SD101A



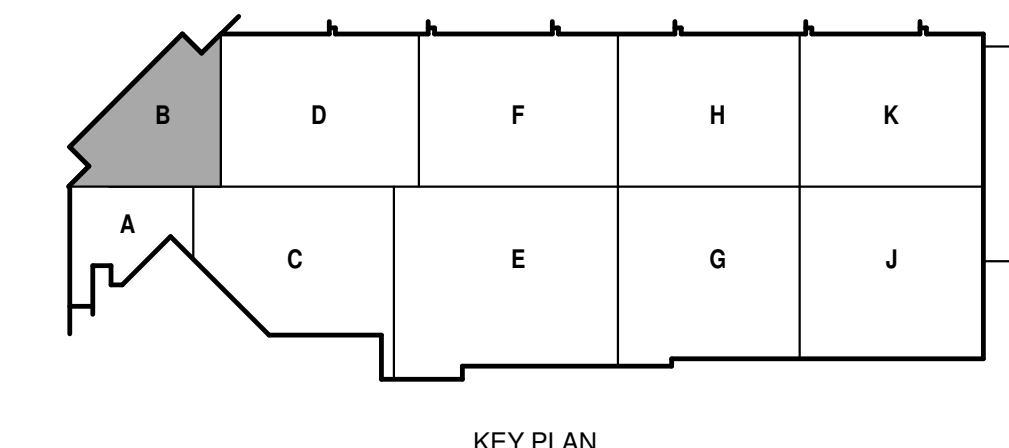
**FOUNDATION AND FLATWORK
DEMOLITION PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
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5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.

KEYED NOTES

- 3.005 REMOVE EXISTING INTERIOR SLAB AND THICKENED SLAB AS SHOWN. EXISTING GRADE BEAMS AND FOOTINGS TO REMAIN. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE. FIELD VERIFY.
- 3.006 REMOVE EXISTING INTERIOR SLAB AS SHOWN. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE. FIELD VERIFY.
- 3.013 REMOVE EXISTING SLAB AS REQUIRED FOR DEMO/INSTALLATION OF PLUMBING. COORDINATE LOCATIONS WITH PLUMBING. REPLACE SLAB AFTER COMPLETION OF PLUMBING WORK WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.

TRUE PLAN
NORTH NORTH
FOUNDATION/FLATWORK DEMOLITION PLAN - AREA B
1/8" = 1'-0"



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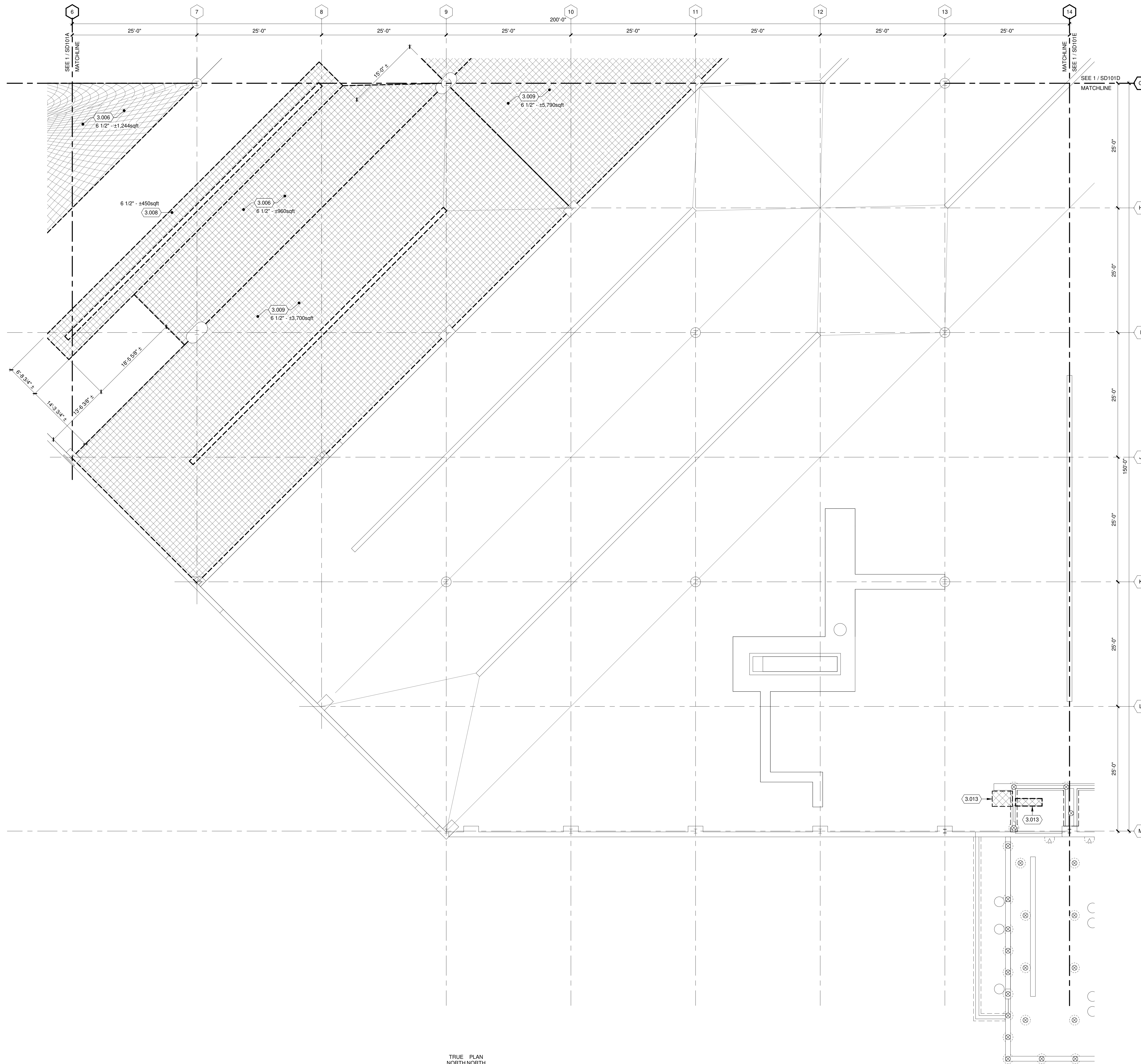
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FOUNDATION AND
FLATWORK
DEMOLITION PLAN -
AREA B

SHEET NO.:

SD101B

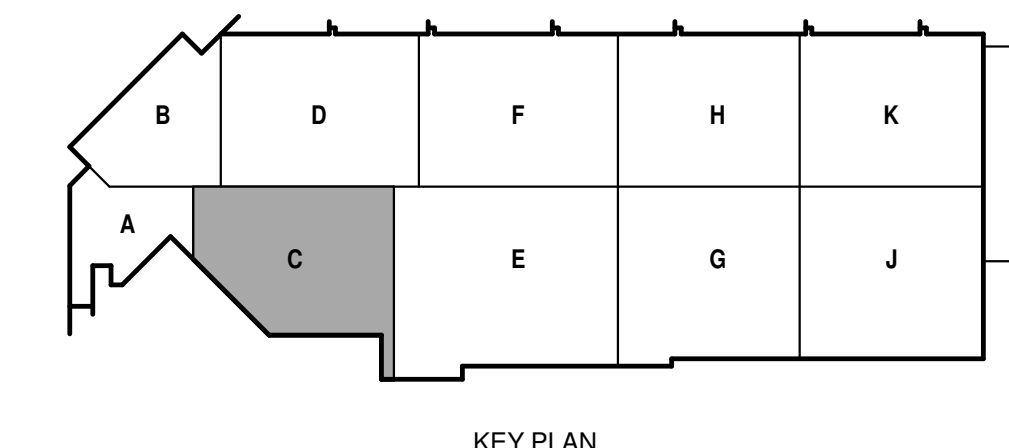


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2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.

KEYED NOTES

- 3.006 REMOVE EXISTING INTERIOR SLAB AS SHOWN. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE, FIELD VERIFY.
- 3.008 REMOVE EXISTING INTERIOR SLAB AND TRENCH DRAIN AS SHOWN FOR INSTALLATION OF NEW CATCH BASIN AND TRENCH DRAINS. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE, FIELD VERIFY.
- 3.009 REMOVE EXISTING INTERIOR SLAB AND TRENCH DRAIN(S) AS SHOWN FOR INSTALLATION OF NEW VEHICLE LIFTS AND LIFT PITS. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE, FIELD VERIFY.
- 3.013 REMOVE EXISTING SLAB AS REQUIRED FOR DEMOINSTALLATION OF PLUMBING, COORDINATE LOCATIONS WITH PLUMBING. REPLACE SLAB AFTER COMPLETION OF PLUMBING WORK WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.



TRUE PLAN
NORTH NORTH
FOUNDATION/FLATWORK DEMOLITION PLAN - AREA C
1/8" = 1'-0"



**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS**
1101 EAST WASHINGTON AVE.
MADISON, WI 53703

ISSUED
04/08/21 BID SET

CONTRACT NO.: 8981
M&H NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: DXC
DRAWN BY: NJB / MJE
CHECKED BY: DRM
DO NOT SCALE DRAWINGS

SHEET CONTENTS
FOUNDATION AND
FLATWORK
DEMOLITION PLAN -
AREA C

SHEET NO.:

SD101C



**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS**
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SHEET CONTENTS
FOUNDATION AND FLATWORK DEMOLITION PLAN - AREA D

SHEET NO.:

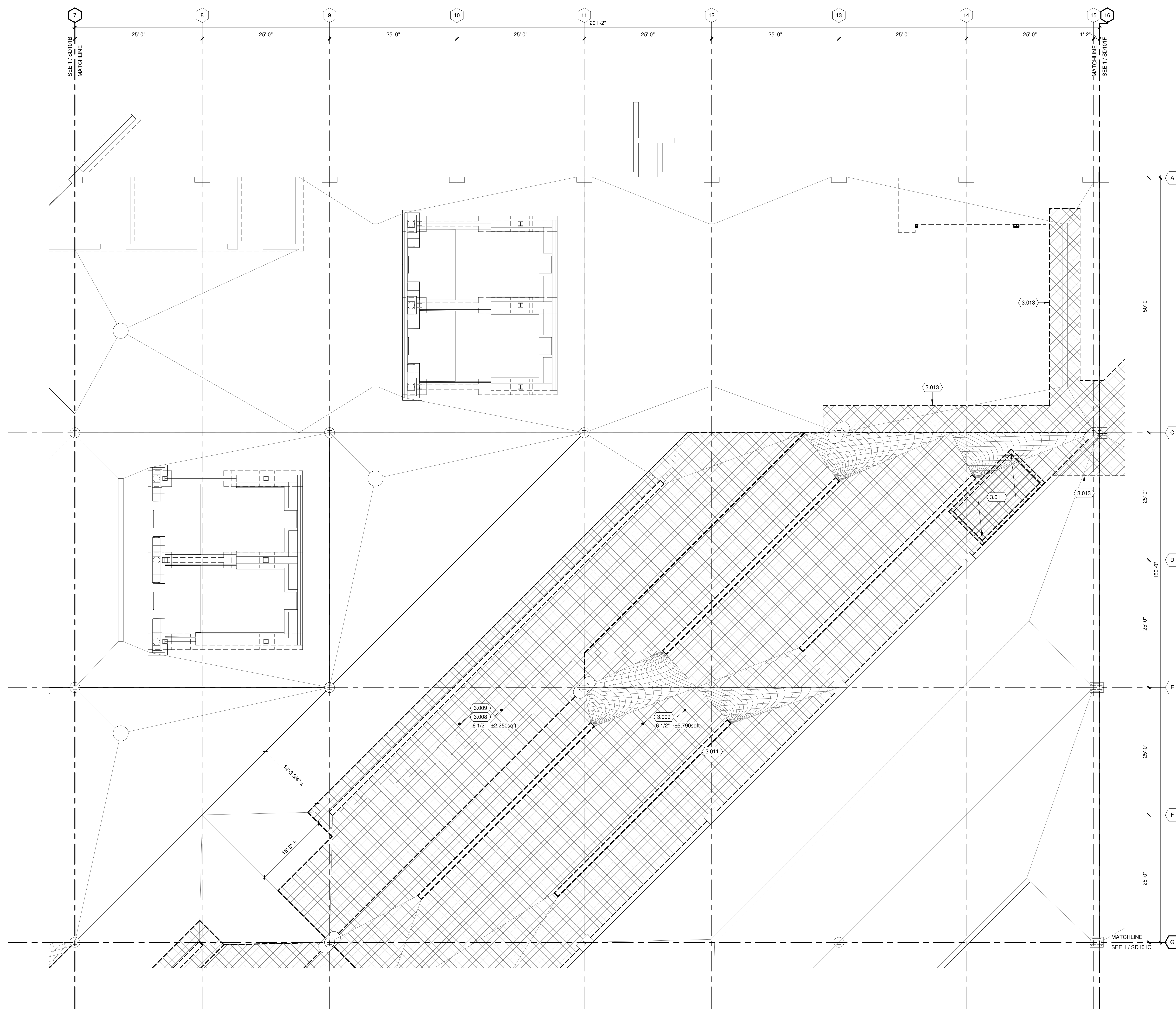
SD101D

FOUNDATION AND FLATWORK DEMOLITION PLAN GENERAL NOTES:

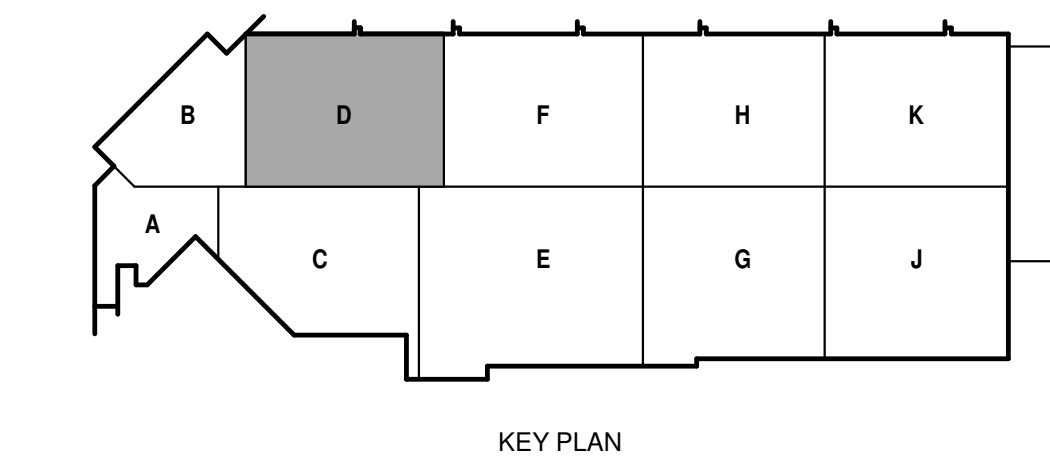
1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.

KEYED NOTES

- 3.008 REMOVE EXISTING INTERIOR SLAB AND TRENCH DRAIN AS SHOWN FOR INSTALLATION OF NEW CATCH BASIN AND TRENCH DRAINS. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE, FIELD VERIFY.
- 3.009 REMOVE EXISTING INTERIOR SLAB AND TRENCH DRAINS AS SHOWN FOR INSTALLATION OF NEW VEHICLE LIFTS AND LIFT PITS. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE, FIELD VERIFY.
- 3.011 EXISTING CONCRETE TANK (8' WIDE X 16' LONG X 8' DEEP) BELOW SLAB. REMOVE TANK LID AND TOP 1'-0" OF TANK WALLS. FILL VOID WITH ENGINEERED FILL. COMPACT FILL TO 95% MODIFIED PROCTOR.
- 3.013 REMOVE EXISTING SLAB AS REQUIRED FOR DEMO/INSTALLATION OF PLUMBING. COORDINATE LOCATIONS WITH PLUMBING. REPLACE SLAB AFTER COMPLETION OF PLUMBING WORK WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.



TRUE PLAN NORTH NORTH
FOUNDATION/FLATWORK DEMOLITION PLAN - AREA D
1/8" = 1'-0"





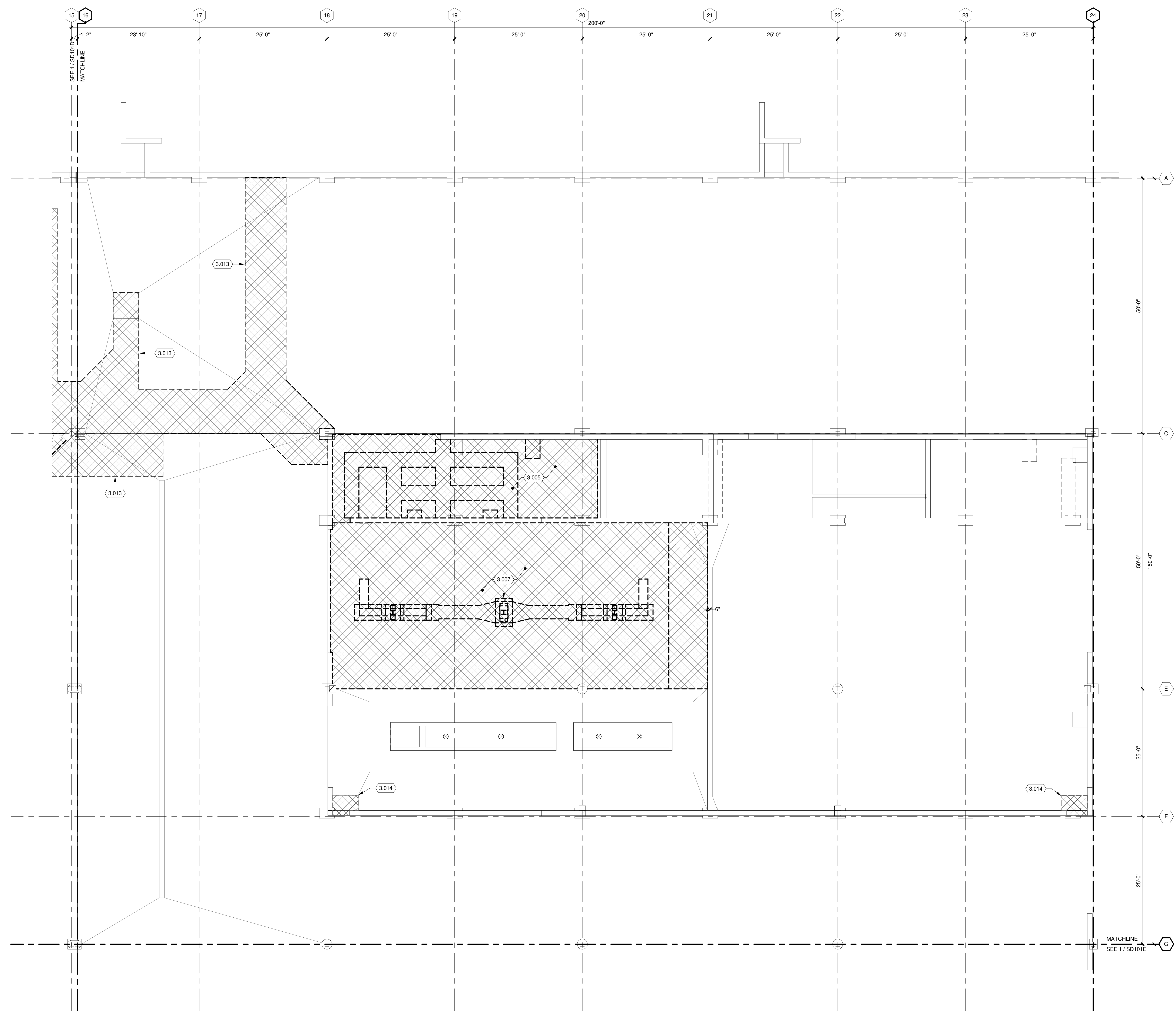
**FOUNDATION AND FLATWORK
DEMOLITION PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.

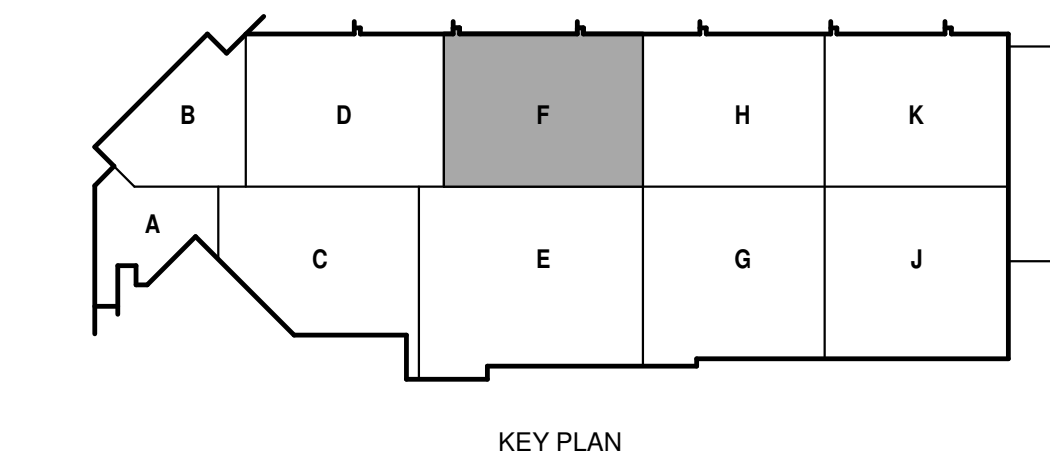
KEYED NOTES

- 3.005 REMOVE EXISTING INTERIOR SLAB AND THICKENED SLAB AS SHOWN. EXISTING GRADE BEAMS AND FOOTINGS TO REMAIN. SLAB THICKNESS AND SQUARE FOOTAGE FOR REFERENCE. FIELD VERIFY.
- 3.007 REMOVE EXISTING VEHICLE LIFT AND ASSOCIATED CONCRETE SLAB AND FOUNDATIONS. EXISTING STEEL PILES TO REMAIN. TURN OVER LIFT AND ASSOCIATED COMPONENTS TO OWNER AS REQUIRED.
- 3.013 REMOVE EXISTING SLAB AS REQUIRED FOR DEMO/INSTALLATION OF PLUMBING. COORDINATE LOCATIONS WITH PLUMBING. REPLACE SLAB AFTER COMPLETION OF PLUMBING WORK WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.
- 3.014 REMOVE EXISTING SLAB AS REQUIRED FOR DEMOLITION OF EXISTING MASONRY WALL AND INSTALLATION OF NEW DOOR. REPLACE SLAB WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.

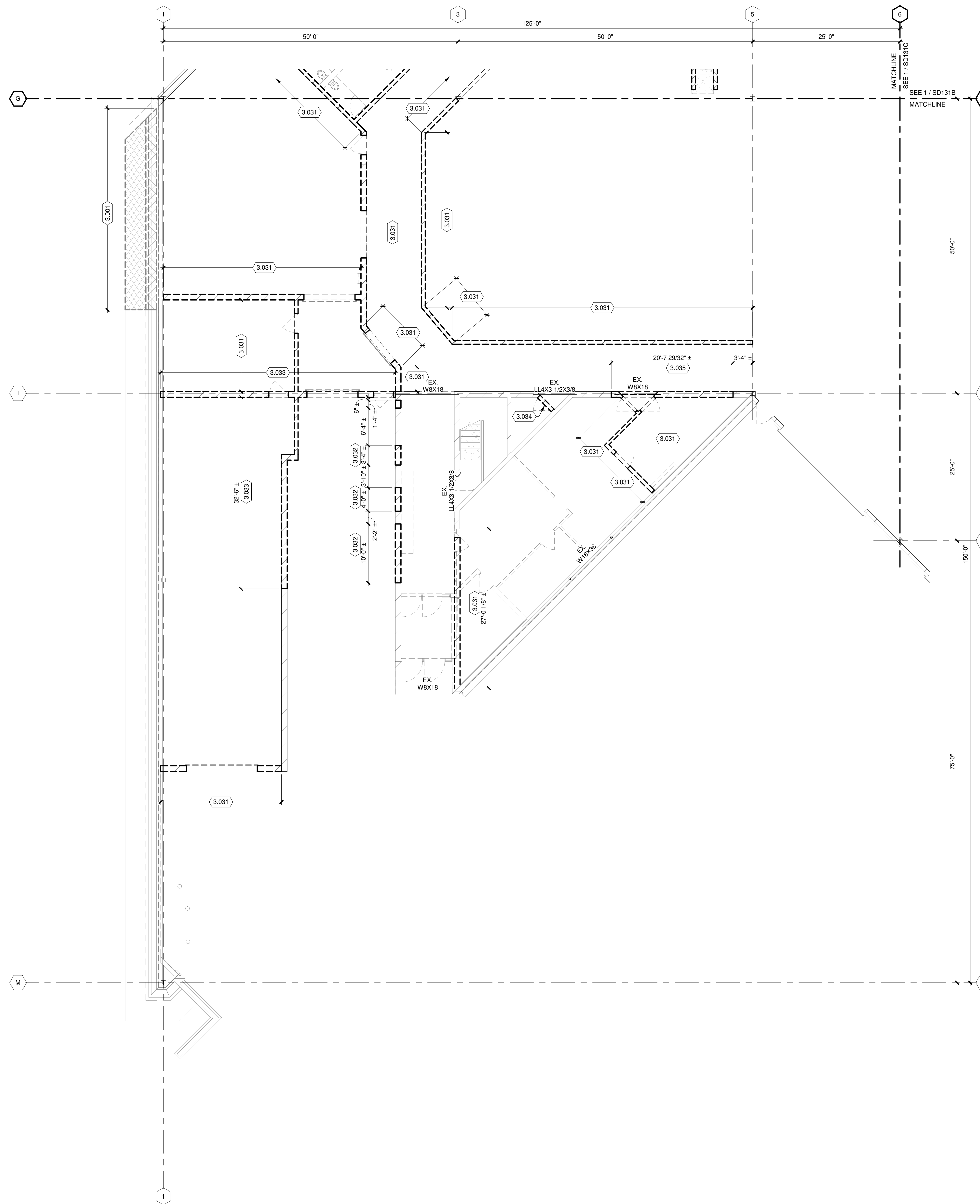
ALTERNATE NO. 1:
SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.



TRUE PLAN
NORTH NORTH
FOUNDATION/FLATWORK DEMOLITION PLAN - AREA F
1/8" = 1'-0"



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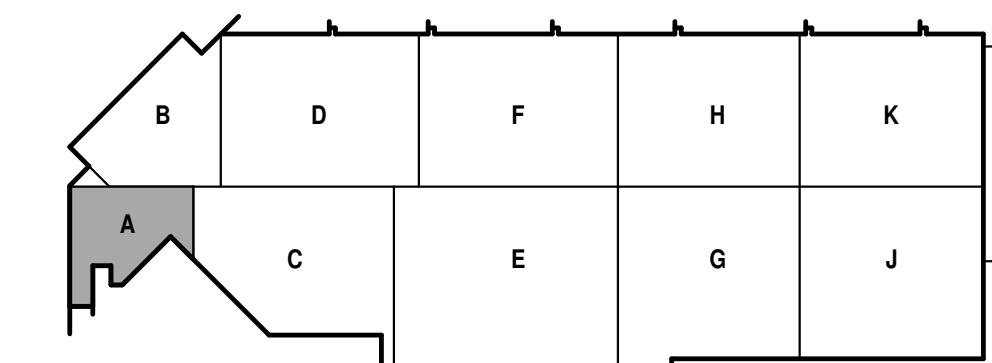
TRUE PLAN
NORTH NORTH
1
STRUCTURAL FLOOR DEMOLITION PLAN - AREA A
1/8" = 1'-0"

**STRUCTURAL FLOOR
DEMOLITION PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.
8. EXISTING INTERIOR NON-LOAD BEARING MASONRY WALLS BEING REMOVED HAVE TOP OF WALL SUPPORT FRAMING, REMOVE EXISTING FRAMING AT ALL WALLS BEING REMOVED.

KEYED NOTES

- 3.001 REMOVE EXISTING EXTERIOR SLAB AS SHOWN.
- 3.031 REMOVE EXISTING MASONRY WALL(S) FULL HEIGHT FROM FOUNDATION(S) TO REMAIN UNLESS INDICATED OTHERWISE. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.
- 3.032 REMOVE PORTION OF EXISTING MASONRY WALL, FOR NEW OPENING, FROM FOUNDATION(S) UP TO ELEVATION INDICATED ON NEW CONSTRUCTION DRAWINGS, FOUNDATION(S) TO REMAIN UNLESS INDICATED OTHERWISE. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.
- 3.033 REMOVE EXISTING MASONRY WALL(S) FROM FOUNDATION UP TO TOP OF STEEL ELEVATION INDICATED ON NEW CONSTRUCTION DRAWINGS. EXISTING GRADE BEAMS TO REMAIN. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.
- 3.034 REMOVE EXISTING OPENING INFILL. COORDINATE WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.
- 3.035 REMOVE PORTION OF EXISTING MASONRY WALL, FOR NEW OPENING, FROM FOUNDATION(S) UP TO ELEVATION INDICATED ON NEW CONSTRUCTION DRAWINGS, FOUNDATION(S) TO REMAIN UNLESS INDICATED OTHERWISE. REMOVE EXISTING W6 INTEL. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.



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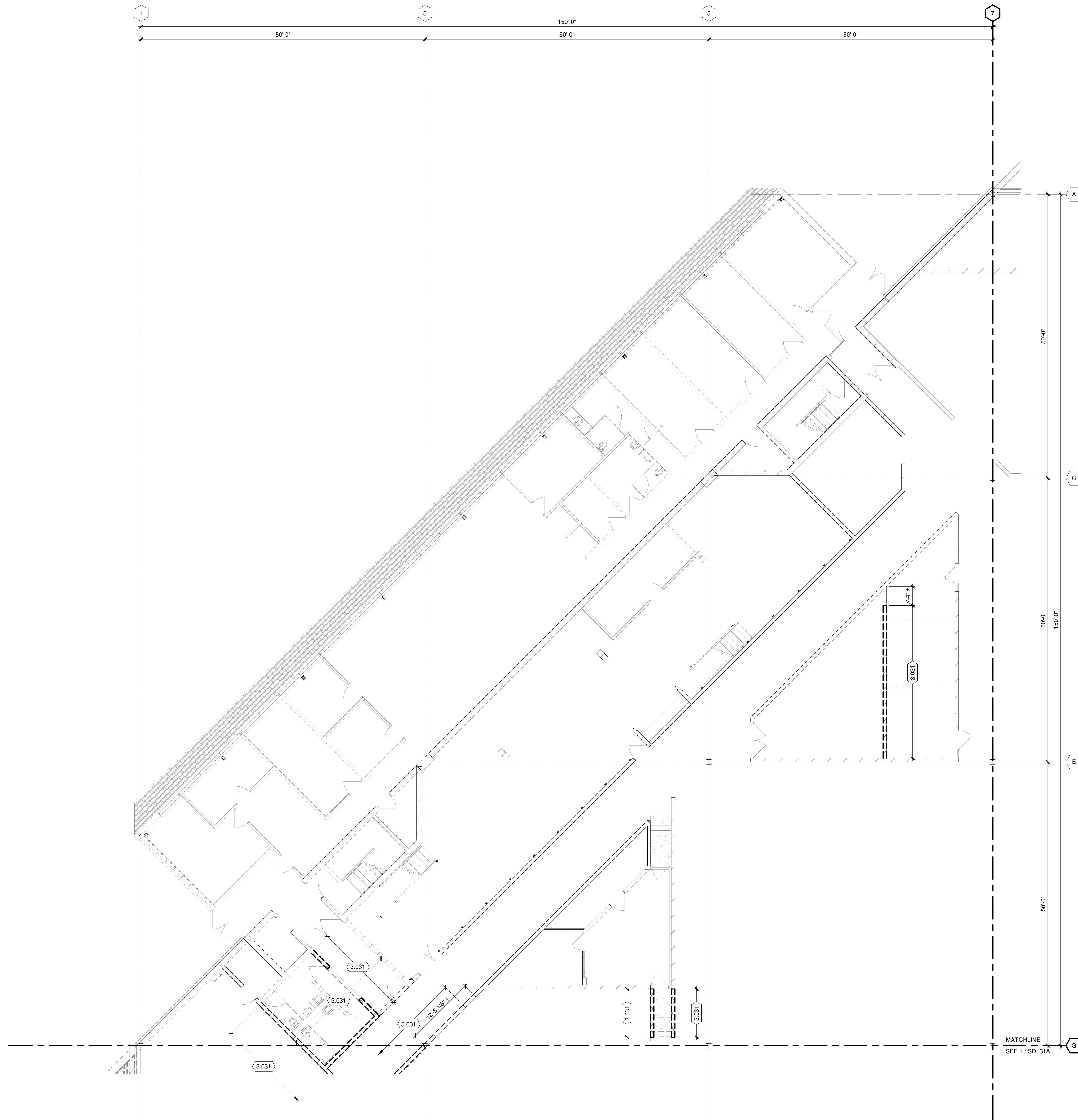
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SHEET CONTENTS
STRUCTURAL FIRST
FLOOR DEMOLITION
PLAN - AREA A

SHEET NO.:

SD131A



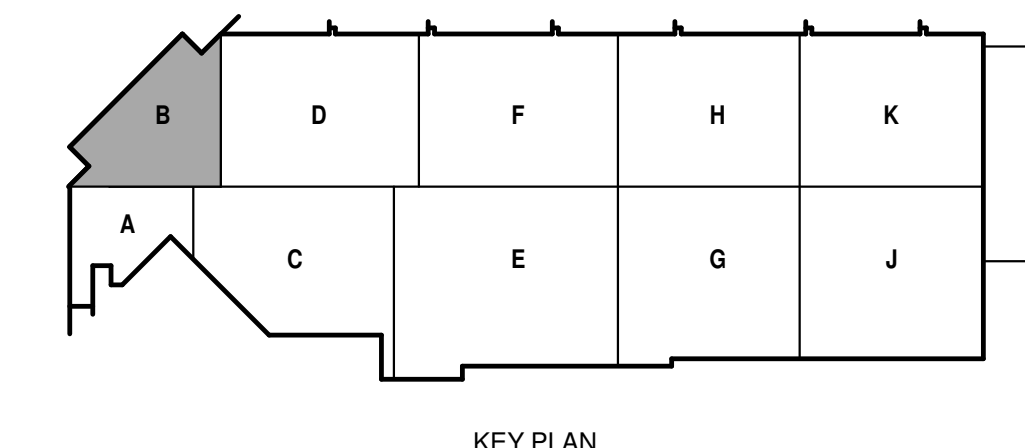
**STRUCTURAL FLOOR
DEMOLITION PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.
8. EXISTING INTERIOR NON-LOAD BEARING MASONRY WALLS BEING REMOVED HAVE TOP OF WALL SUPPORT FRAMING, REMOVE EXISTING FRAMING AT ALL WALLS BEING REMOVED.

KEYED NOTES

- 3.031 REMOVE EXISTING MASONRY WALL(S) FULL HEIGHT FROM FOUNDATION SLAB UP TO TOP OF EXISTING MASONRY WALL. FOUNDATION(S) TO REMAIN UNLESS INDICATED OTHERWISE. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.

TRUE PLAN
NORTH NORTH
 1
1/8" = 1'-0"
STRUCTURAL FLOOR DEMOLITION PLAN - AREA B



Mead & Hunt

Mead & Hunt, Inc.
2440 Deming Way
Middleton, WI 53562
phone: 608-273-6380
meadhunt.com

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SHEET CONTENTS
STRUCTURAL FIRST
FLOOR DEMOLITION
PLAN - AREA B

SHEET NO.:

SD131B



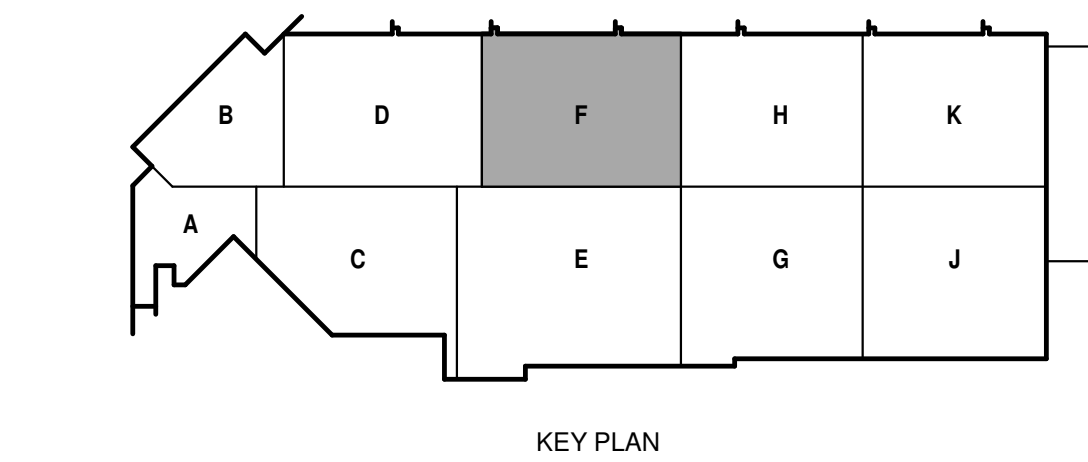
**STRUCTURAL FLOOR
DEMOLITION PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DESIGN.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.
8. EXISTING INTERIOR NON-LOAD BEARING MASONRY WALLS BEING REMOVED HAVE TOP OF WALL SUPPORT FRAMING, REMOVE EXISTING FRAMING AT ALL WALLS BEING REMOVED.

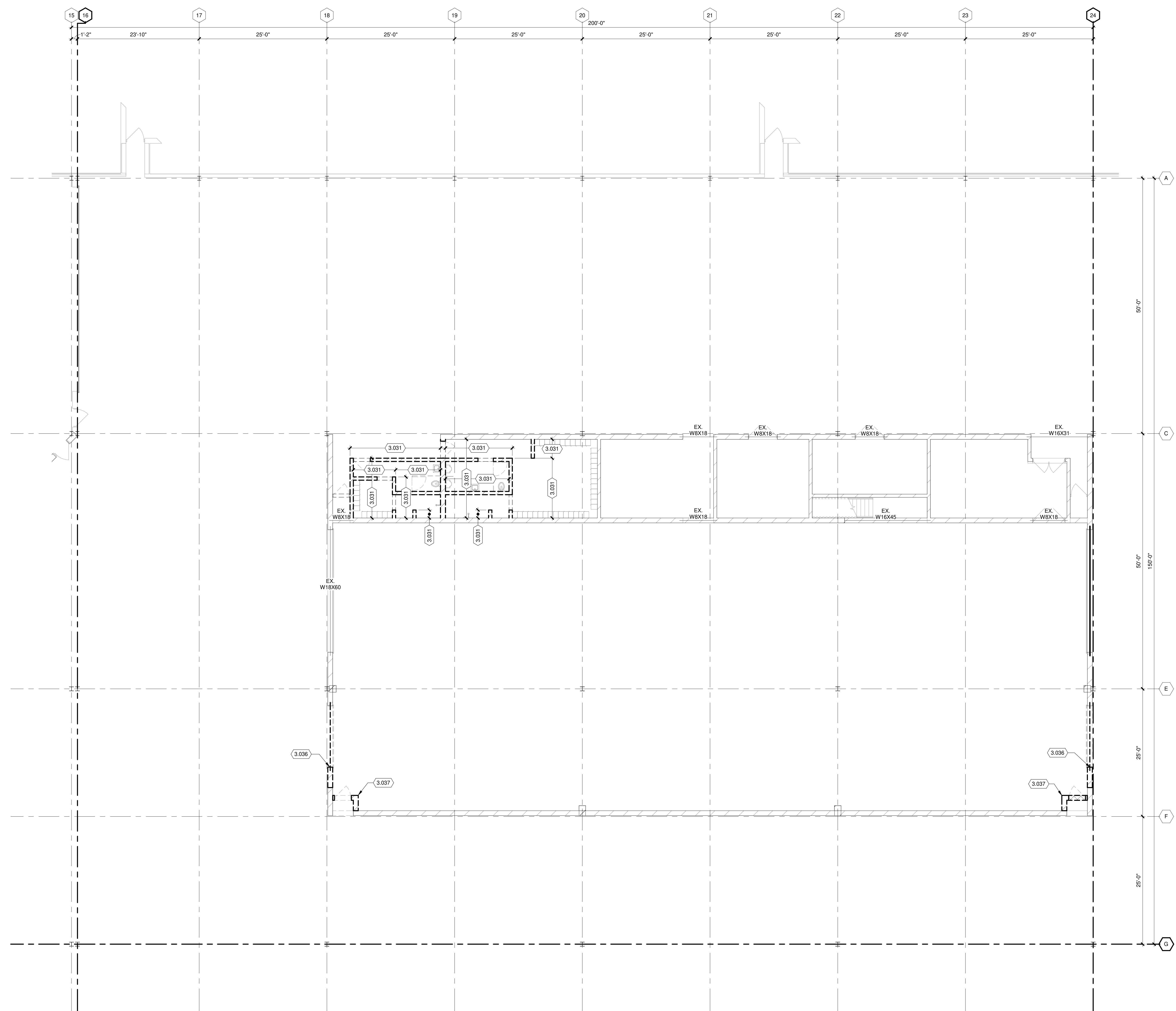
KEYED NOTES

- 3.031 REMOVE EXISTING MASONRY WALL(S) FULL HEIGHT FROM FOUNDATION SLAB UP TO TOP OF EXISTING MASONRY WALL, FOUNDATION(S) TO REMAIN UNLESS INDICATED OTHERWISE. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.
- 3.036 REMOVE PORTION OF EXISTING MASONRY WALL, FOR NEW OPENING, FROM FOUNDATION SLAB UP TO ELEVATION INDICATED ON NEW CONSTRUCTION DRAWINGS; FOUNDATION(S) TO REMAIN UNLESS INDICATED OTHERWISE. REMOVE EXISTING W/0 LINTEL. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.
- 3.037 REMOVE EXISTING MASONRY WALL(S) FULL HEIGHT FROM FOUNDATION SLAB UP TO TOP OF EXISTING MASONRY WALL, FOUNDATION(S) TO REMAIN UNLESS INDICATED OTHERWISE. REMOVE EXISTING PRECAST CAP ON TOP OF MASONRY WALL. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.

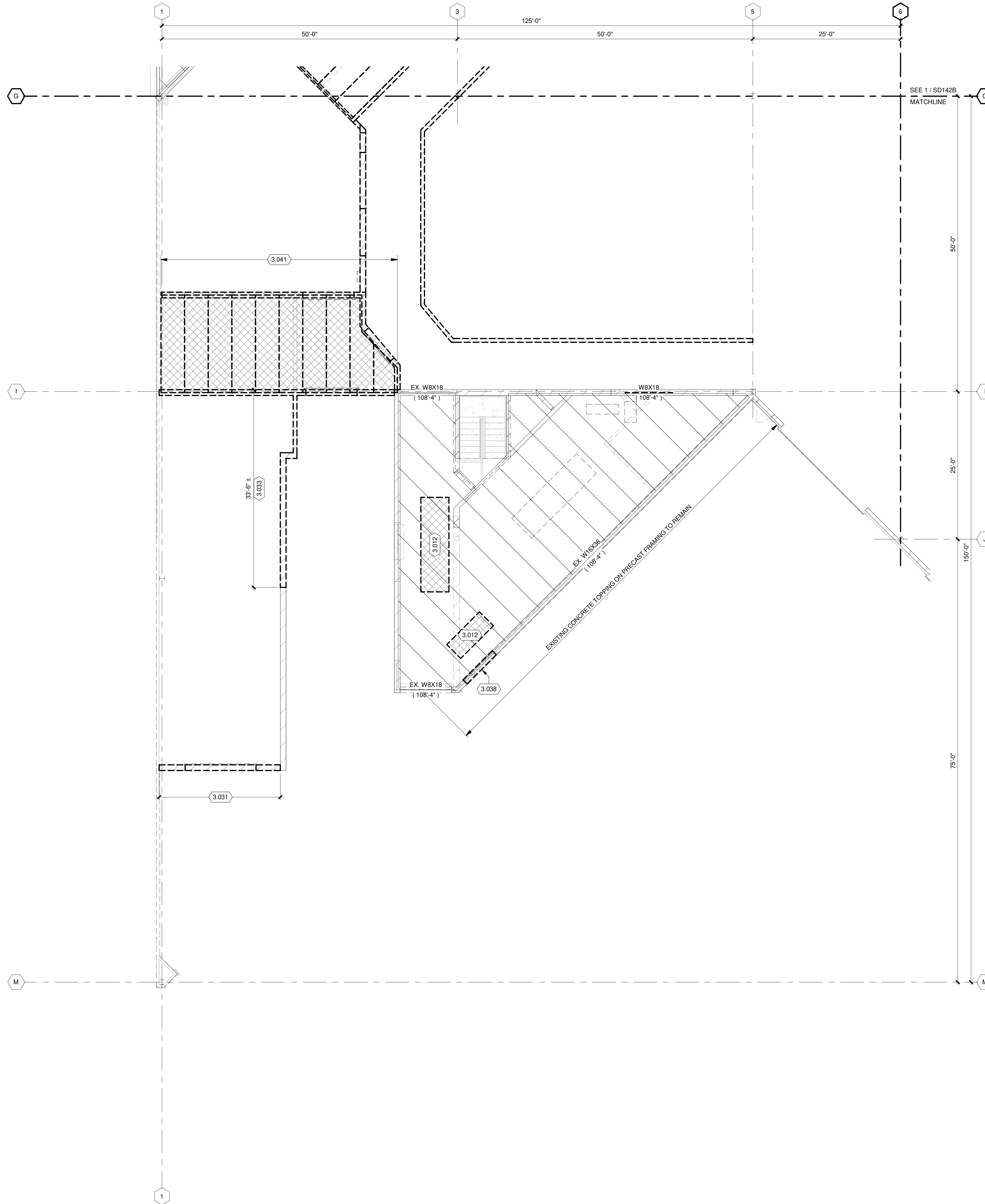
ALTERNATE NO. 1.
SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.



KEY PLAN



TRUE PLAN
NORTH NORTH
1
STRUCTURAL FLOOR DEMOLITION PLAN - AREA F
1/8" = 1'-0"



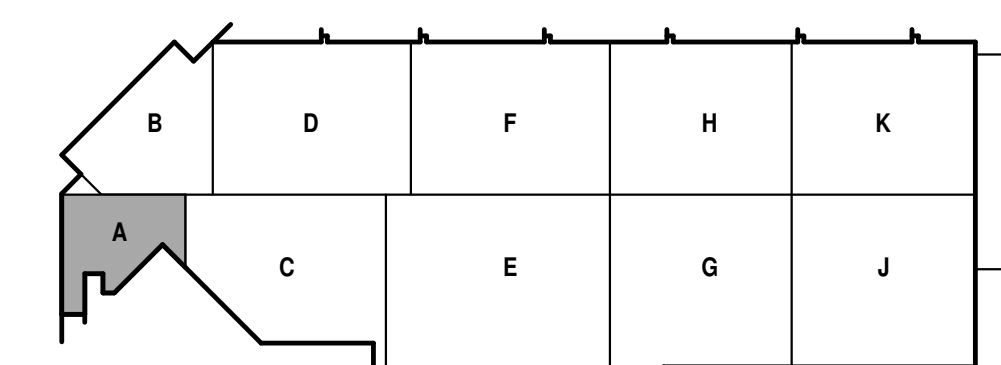
**FRAMING
DEMOLITION PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.
8. REFER TO SD13# SERIES OF SHEETS FOR MASONRY WALL DEMOLITION.

KEYED NOTES

- 3.012 REMOVE EXISTING CONCRETE EQUIPMENT PAD.
- 3.031 REMOVE EXISTING MASONRY WALL(S) FULL HEIGHT FROM FOUNDATION(S) UP TO TOP OF EXISTING MASONRY WALL. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.
- 3.033 REMOVE EXISTING MASONRY WALL(S) FROM FOUNDATION UP TO TOP OF STEEL ELEVATION INDICATED ON NEW CONSTRUCTION DRAWINGS. EXISTING GRADE BEAM(S) TO REMAIN. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.
- 3.038 REMOVE PORTION OF EXISTING WALL FOR INSTALLATION OF NEW DOOR AND LINTEL. SEE SHEET S-142A FOR LINTEL INFORMATION. COORDINATE DOOR EXTENTS WITH ARCHITECTURAL.
- 3.041 REMOVE EXISTING PRECAST CONCRETE PLANK AND CONCRETE TOPPING CAP.

TRUE PLAN
NORTH NORTH
1
1/8" = 1'-0"
SECOND FLOOR FRAMING DEMOLITION PLAN - AREA A





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SHEET CONTENTS
FRAMING
DEMOLITION PLAN - AREA B

SHEET NO.:

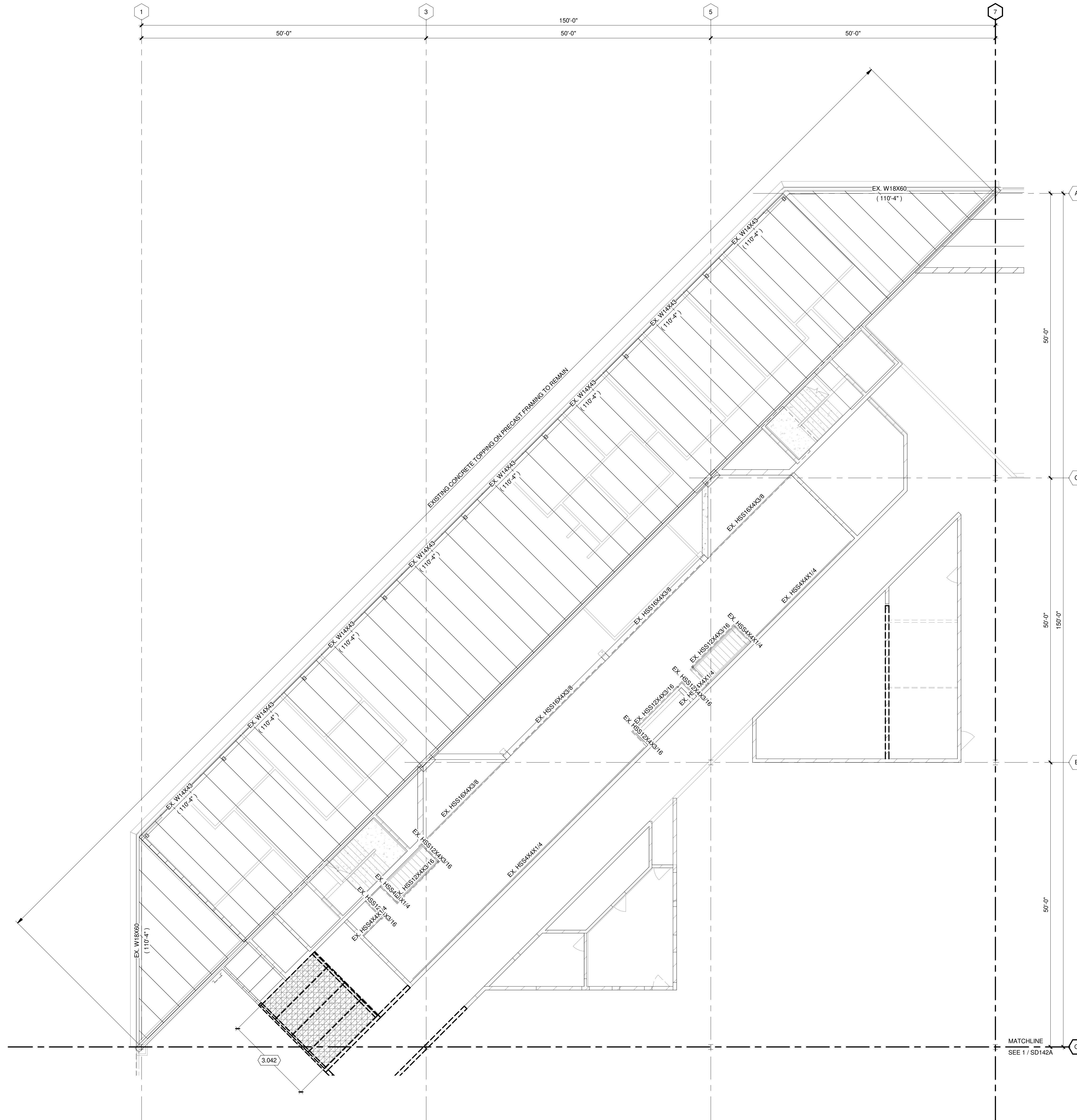
SD142B

**FRAMING
DEMOLITION PLAN GENERAL NOTES:**

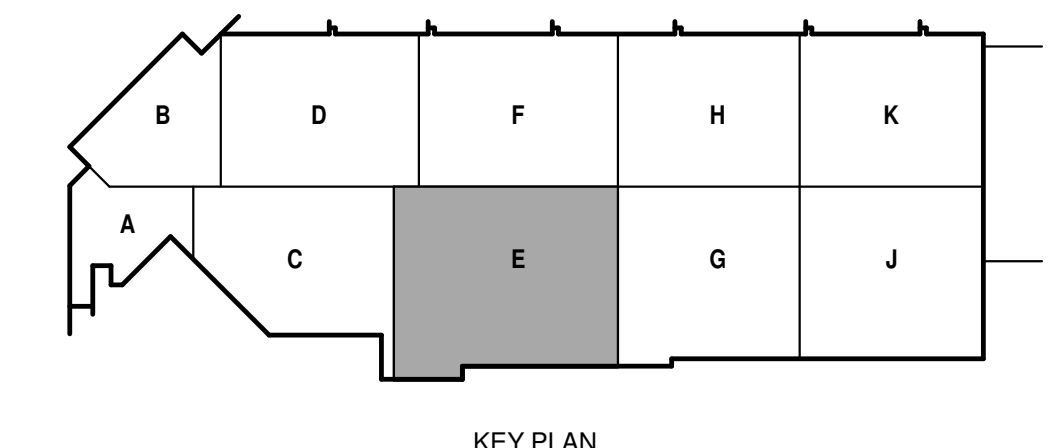
1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
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8. REFER TO SD13# SERIES OF SHEETS FOR MASONRY WALL DEMOLITION.

KEYED NOTES

- 3.042 REMOVE EXISTING PRECAST CONCRETE PLANK AND CONCRETE TOPPING CAP. SHORE AND CUT ALONG ELEVATOR SHAFT WALL IF FLANK EXTENDS INTO WALL.



TRUE PLAN
NORTH NORTH
 1
SECOND FLOOR FRAMING DEMOLITION PLAN - AREA B
1/8" = 1'-0"



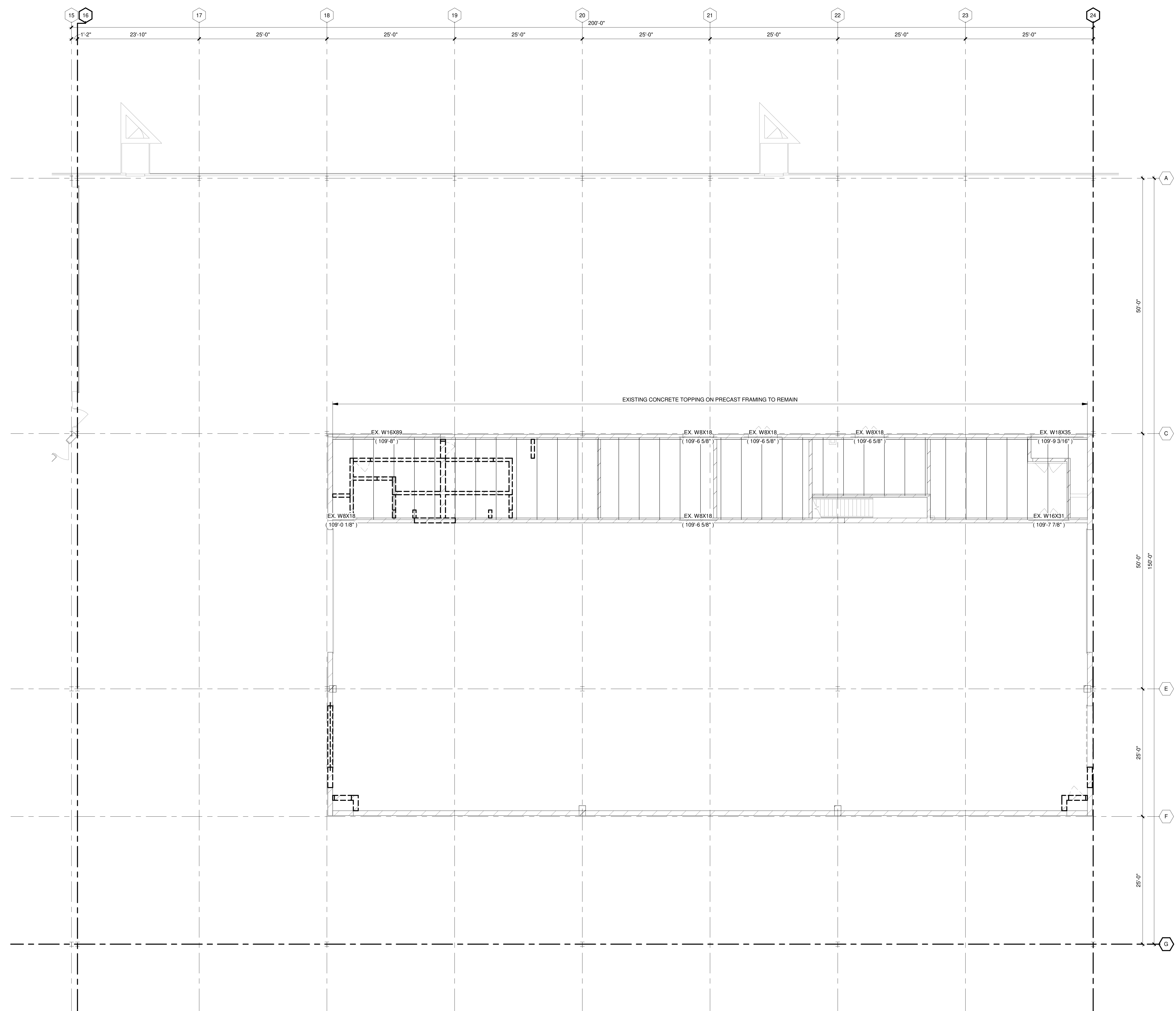
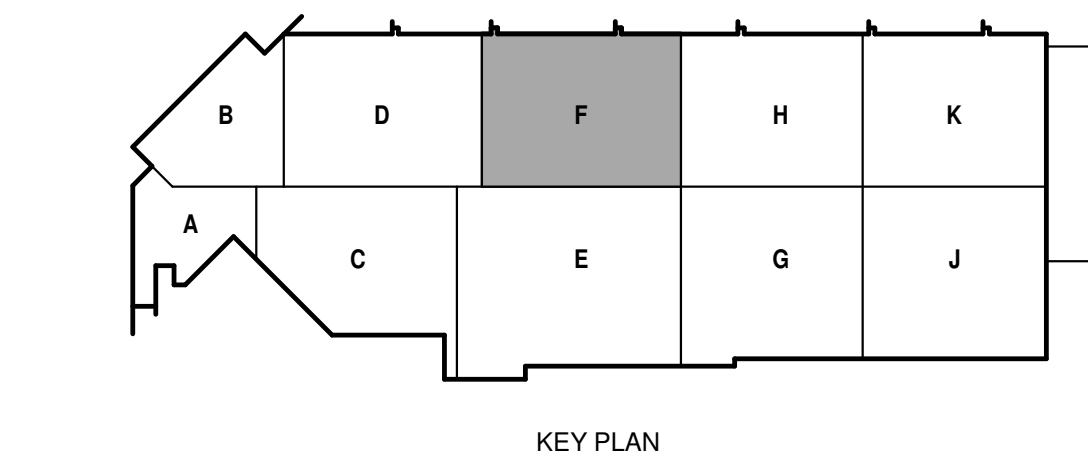


**FRAMING
DEMOLITION PLAN GENERAL NOTES:**

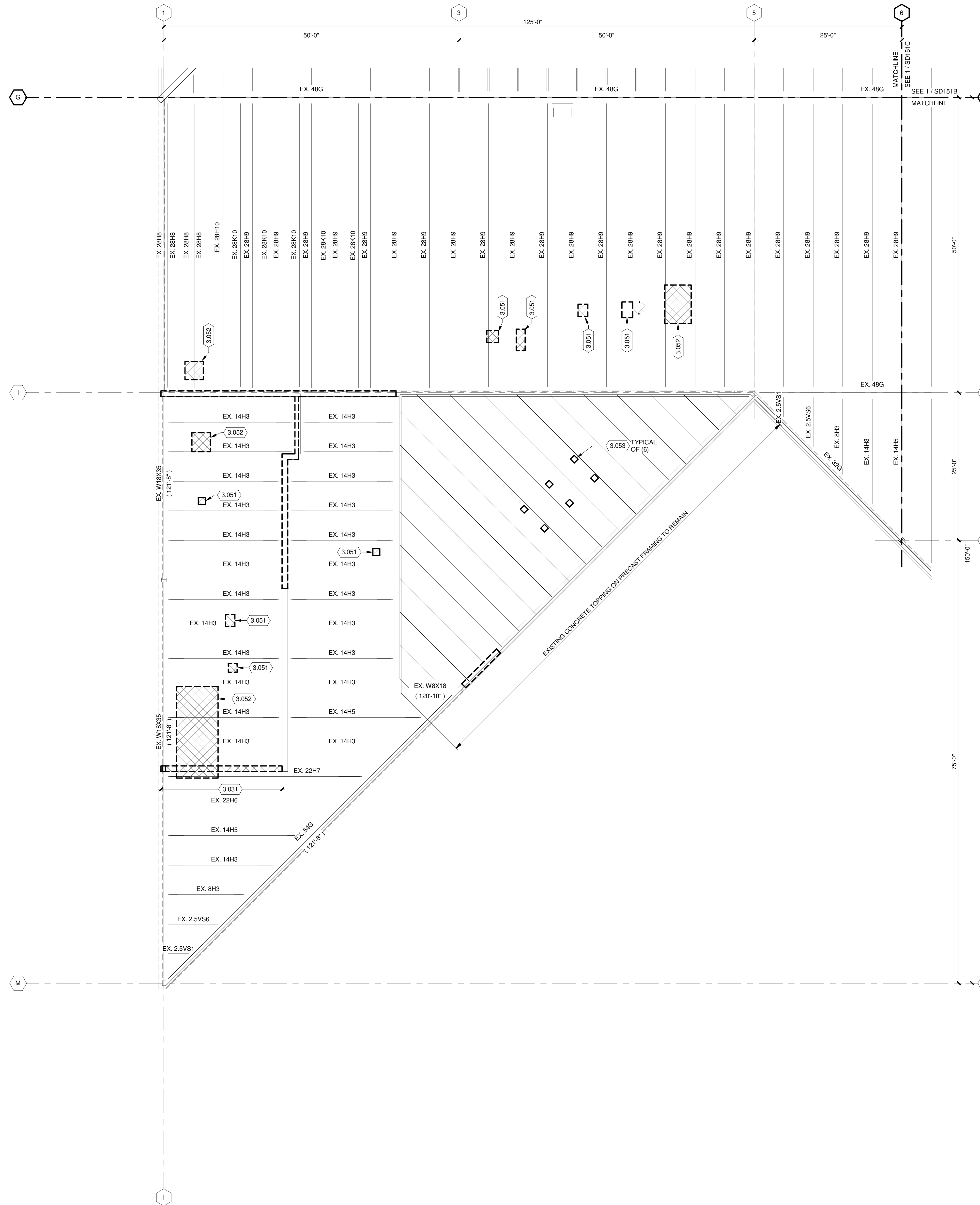
1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
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KEYED NOTES

ALTERNATE NO. 1:
SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.



TRUE PLAN
NORTH NORTH
MEZZANINE FRAMING DEMOLITION PLAN - AREA F
1/8" = 1'-0"



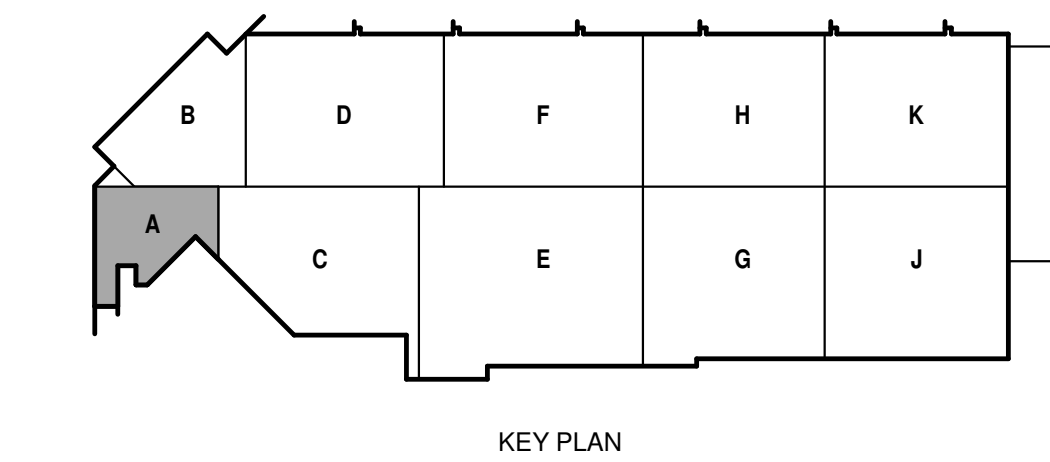
**ROOF FRAMING
DEMOLITION PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-039 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.

KEYED NOTES

- 3.031 REMOVE EXISTING MASONRY WALL(S) FULL HEIGHT FROM FOUNDATION SLAB UP TO TOP OF EXISTING MASONRY WALL. FOUNDATION(S) TO REMAIN UNLESS INDICATED OTHERWISE. COORDINATE EXTENTS WITH ARCHITECTURAL AND IN-FIELD CONDITIONS.
- 3.051 NEW OPENING IN ROOF FOR MECHANICAL EQUIPMENT. REFER TO NEW CONSTRUCTION DRAWINGS FOR FRAMED OPENING REQUIREMENTS. COORDINATE WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.
- 3.052 REMOVE EXISTING MECHANICAL EQUIPMENT CURB AND PATCH OPENING.
- 3.053 NEW OPENING IN PRECAST CONCRETE PLANK ROOF FOR MECHANICAL. COORDINATE EXACT SIZE AND LOCATION WITH MECHANICAL.

TRUE PLAN
NORTH NORTH
1
ROOF FRAMING DEMOLITION PLAN - AREA A
1/8" = 1'-0"



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SHEET CONTENTS
ROOF FRAMING
DEMOLITION PLAN -
AREA A

SHEET NO.:

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CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703

ISSUED
04/08/21 BID SET

CONTRACT NO.: 6981
RFP NO.: 4502500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: DXC
DRAWN BY: NJB / MJE
CHECKED BY: DRM

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SHEET CONTENTS
ROOF FRAMING
DEMOLITION PLAN - AREA B

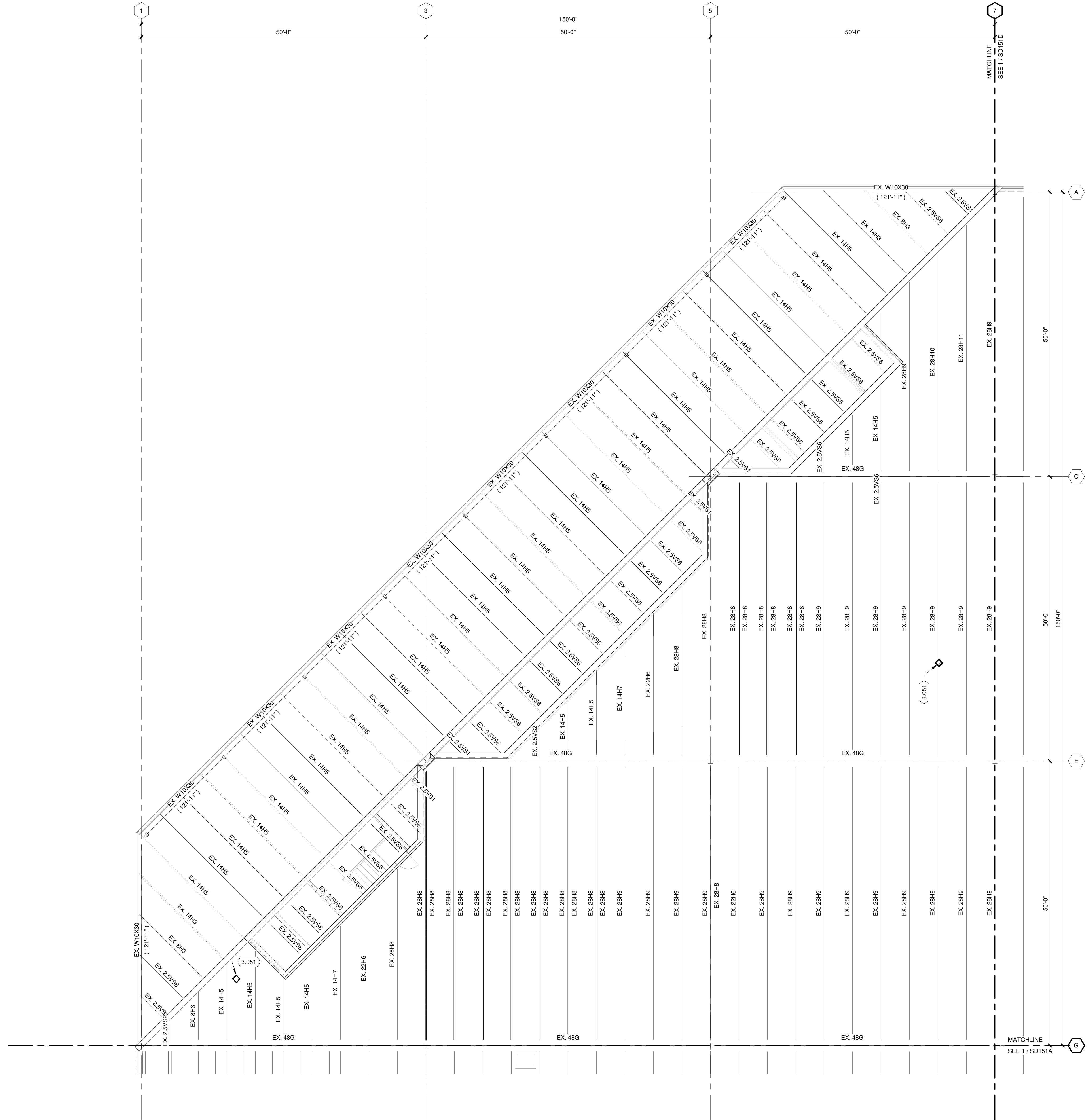
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ROOF FRAMING DEMOLITION PLAN GENERAL NOTES:

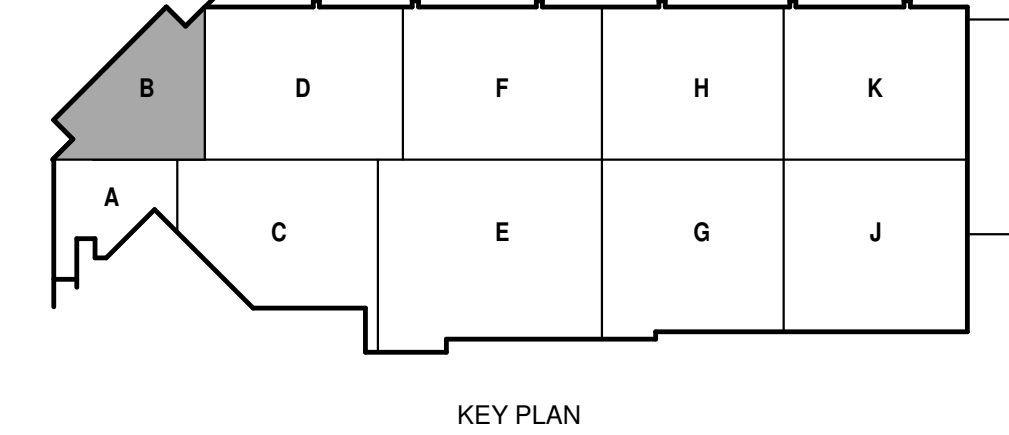
1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOGY.
7. **ATTENTION:** FULL EXTENT OF DEMOLITION REQUIRED MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED DEMOLITION WITH OUR DISCIPLINES AND IN-FIELD CONDITIONS.

KEYED NOTES

3.051 NEW OPENING IN ROOF FOR MECHANICAL EQUIPMENT. REFER TO NEW CONSTRUCTION DRAWINGS FOR FRAMED OPENING REQUIREMENTS. COORDINATE WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.



TRUE PLAN NORTH NORTH
1
ROOF FRAMING DEMOLITION PLAN - AREA B
1/8" = 1'-0"





metro transit

**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
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1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

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SHEET CONTENTS
ROOF FRAMING
DEMOLITION PLAN -
AREA C

SHEET NO.:

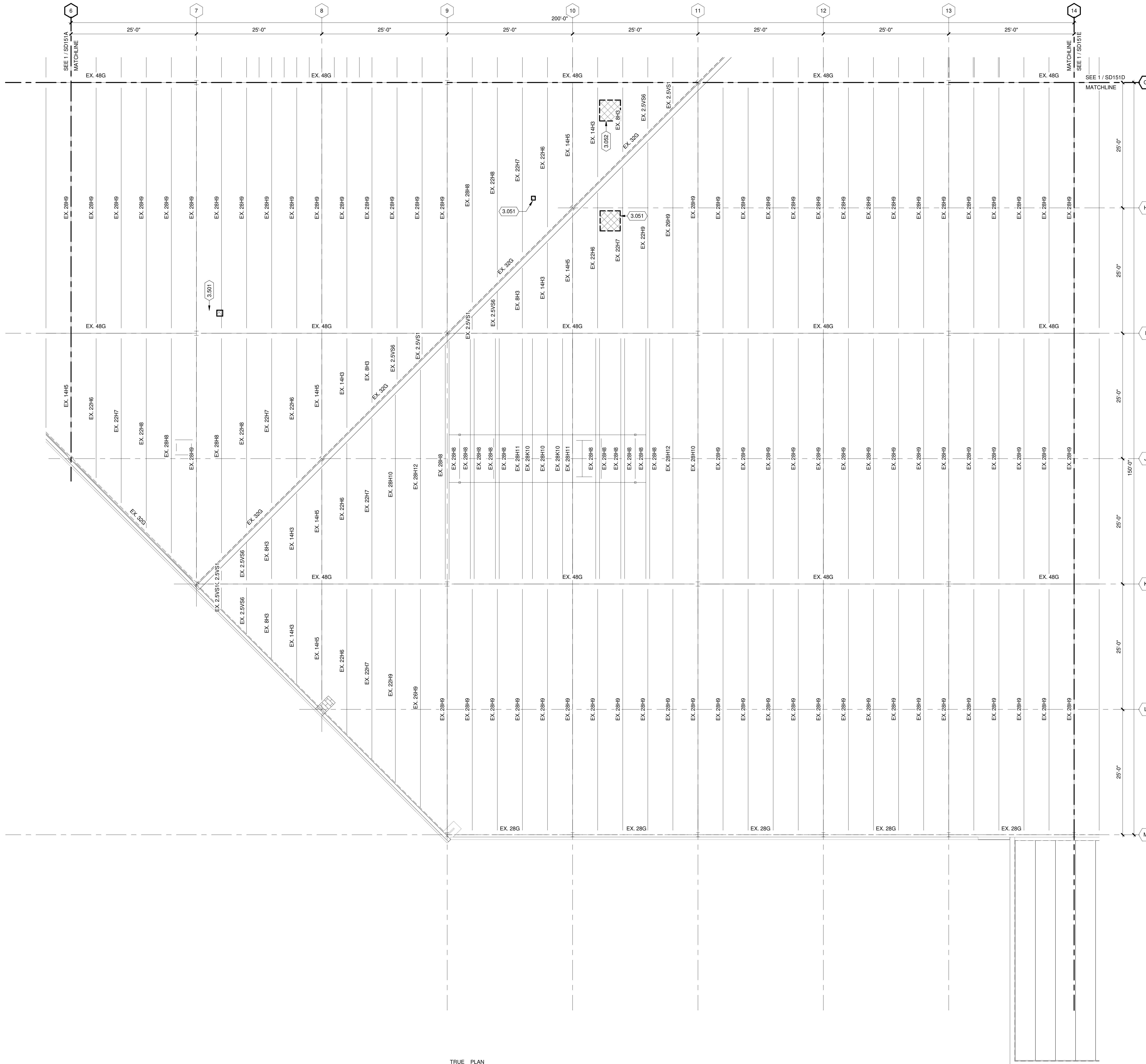
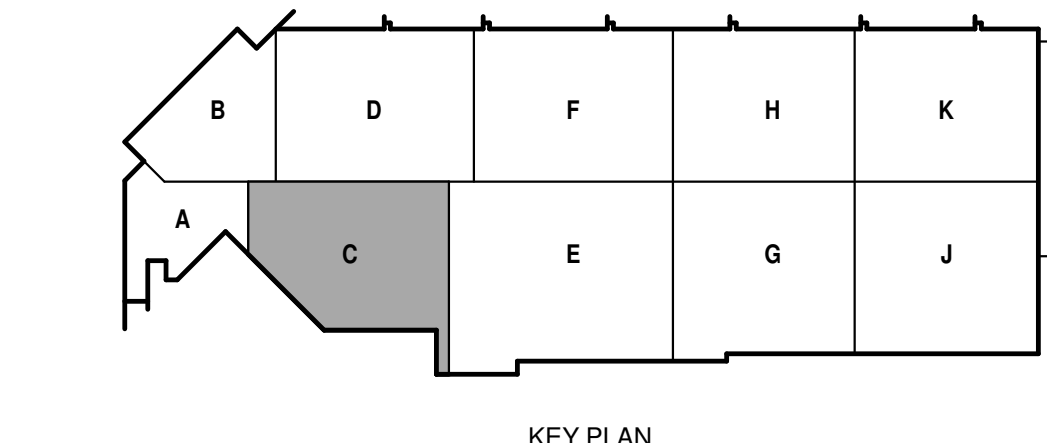
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**ROOF FRAMING
DEMOLITION PLAN GENERAL NOTES:**

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KEYED NOTES

- 3.051 NEW OPENING IN ROOF FOR MECHANICAL EQUIPMENT. REFER TO NEW CONSTRUCTION DRAWINGS FOR FRAMED OPENING REQUIREMENTS. COORDINATE WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.
- 3.052 REMOVE EXISTING MECHANICAL EQUIPMENT CURB AND PATCH OPENING.
- 3.051 NEW FRAMED ROOF OPENING. REFER TO DETAIL 6/S-551. COORDINATE FINAL SIZE AND LOCATION WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.



TRUE PLAN
NORTH NORTH
1
ROOF FRAMING DEMOLITION PLAN - AREA C
1/8" = 1'-0"



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SHEET CONTENTS
ROOF FRAMING
DEMOLITION PLAN - AREA D

SHEET NO.:

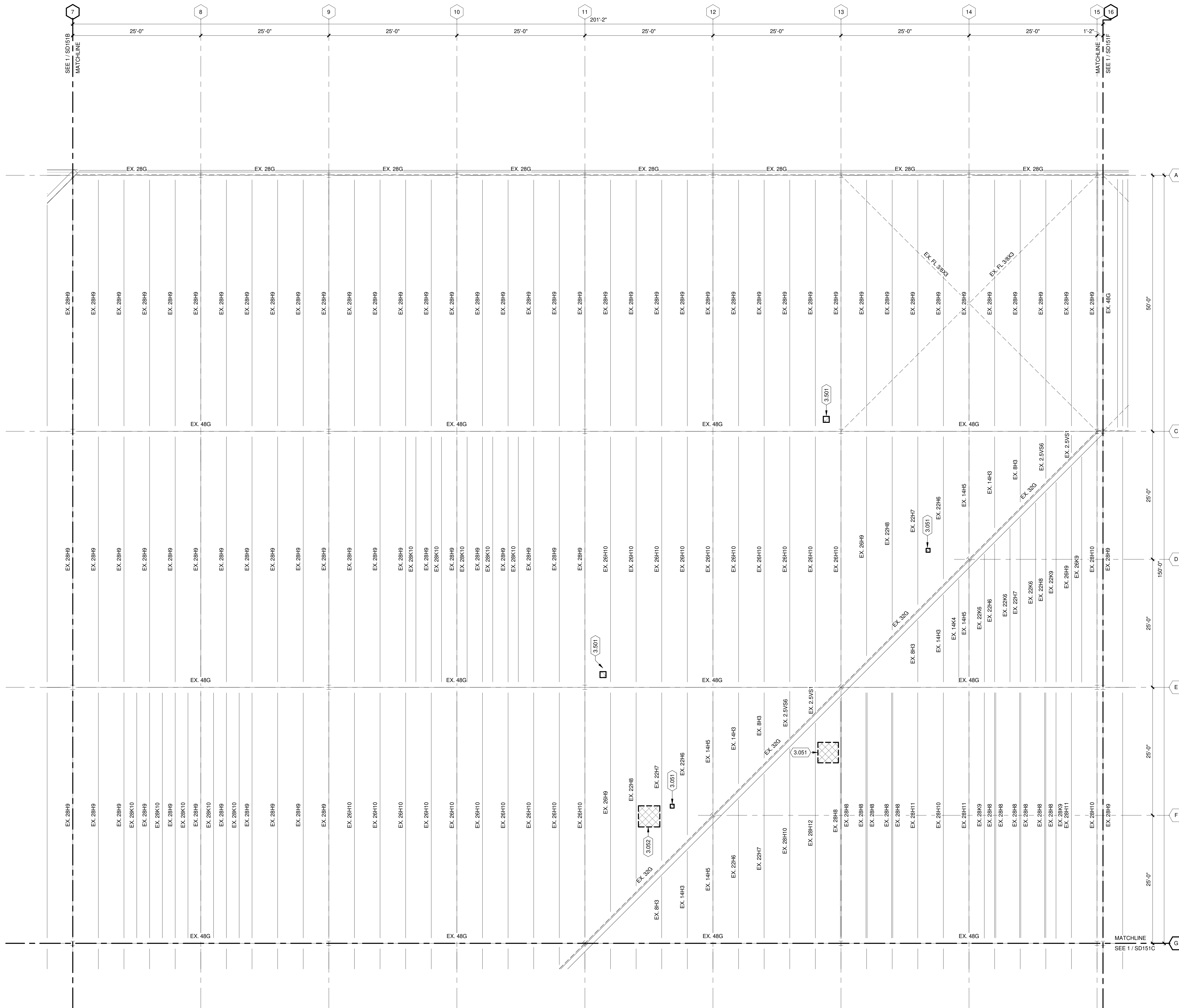
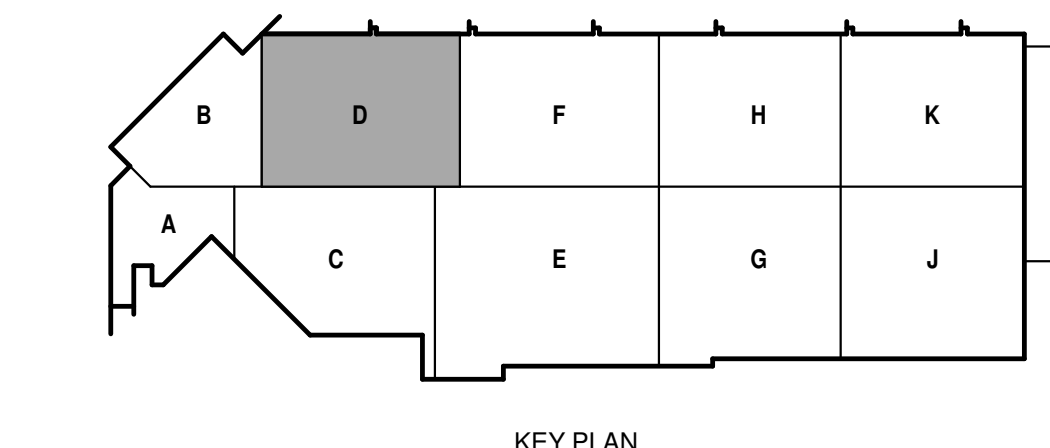
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**ROOF FRAMING
DEMOLITION PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
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KEYED NOTES

- 3.051 NEW OPENING IN ROOF FOR MECHANICAL EQUIPMENT. REFER TO NEW CONSTRUCTION DRAWINGS FOR FRAMED OPENING REQUIREMENTS. COORDINATE WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.
- 3.052 REMOVE EXISTING MECHANICAL EQUIPMENT CURB AND PATCH OPENING.
- 3.501 NEW FRAMED ROOF OPENING. REFER TO DETAIL 6/S-551. COORDINATE FINAL SIZE AND LOCATION WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.



TRUE PLAN
NORTH NORTH
1
ROOF FRAMING DEMOLITION PLAN - AREA D
1/8" = 1'-0"



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 METRO TRANSIT PHASE 3A - MAINTENANCE AND
 DRIVER FACILITY IMPROVEMENTS
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 MADISON, WI 53703**

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 SHEET CONTENTS
 ROOF FRAMING
 DEMOLITION PLAN -
 AREA F

SHEET NO.:
SD151F

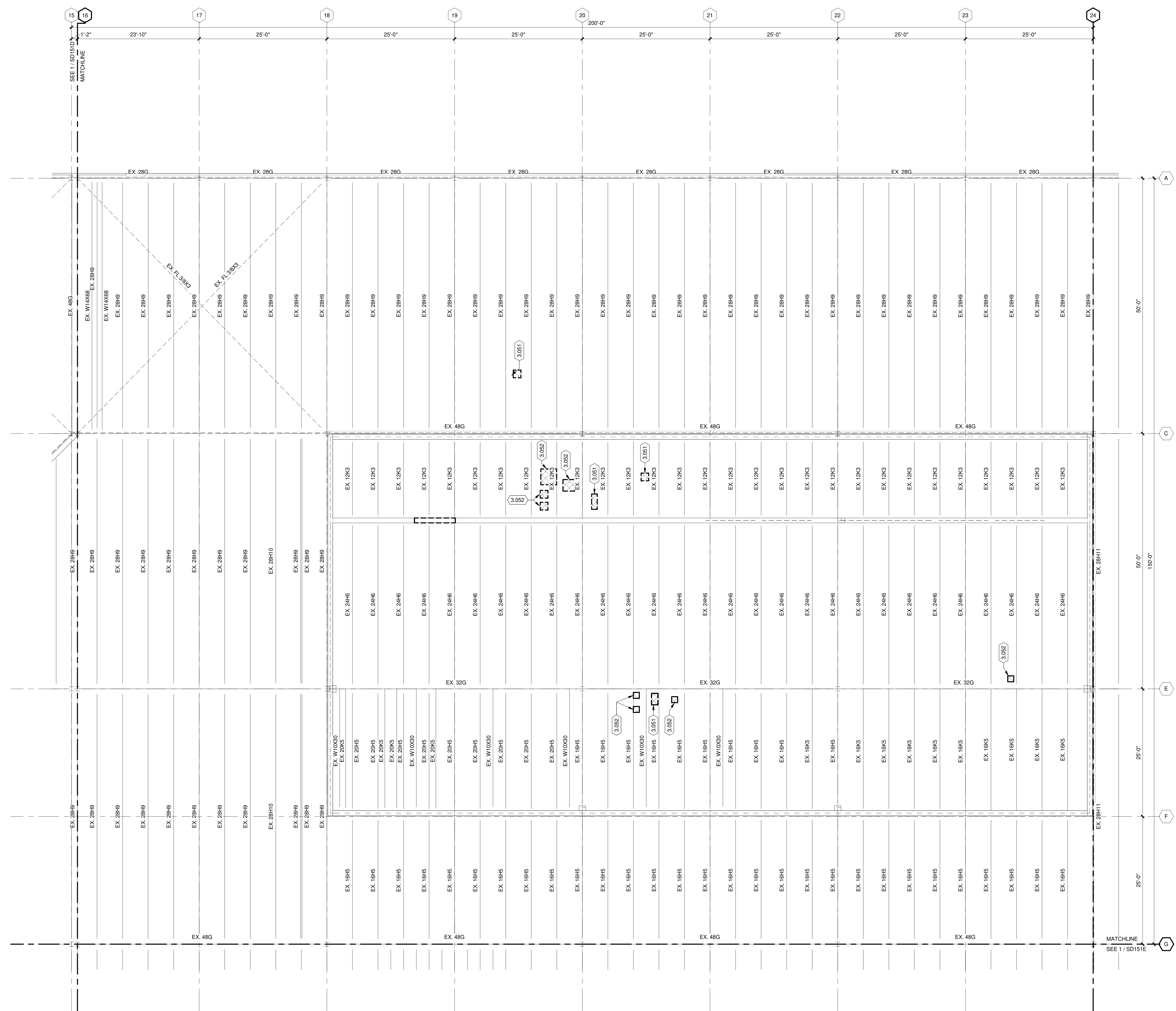
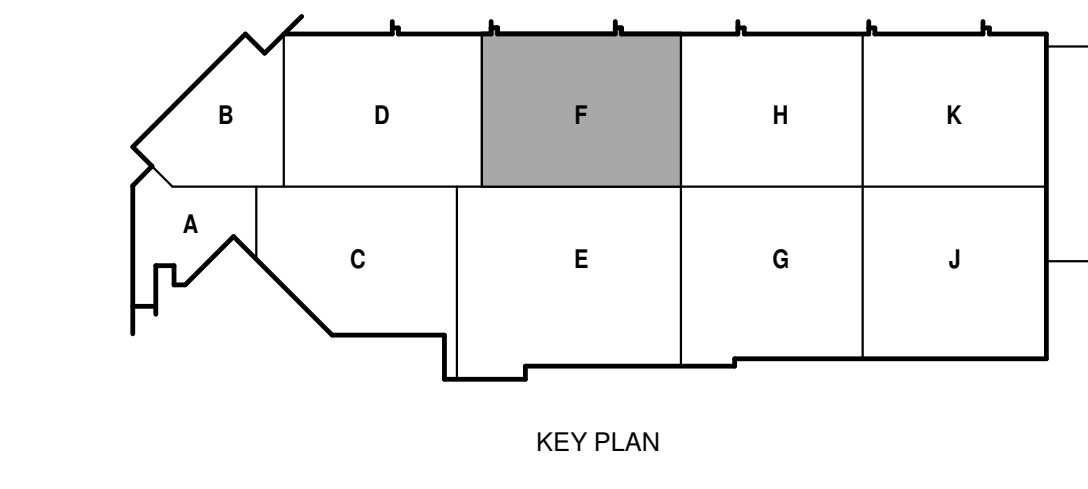
**ROOF FRAMING
 DEMOLITION PLAN GENERAL NOTES:**

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3. REFERENCE Q-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
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KEYED NOTES

- 3.051 NEW OPENING IN ROOF FOR MECHANICAL EQUIPMENT. REFER TO NEW CONSTRUCTION DRAWINGS FOR FRAMED OPENING REQUIREMENTS. COORDINATE WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.
- 3.052 REMOVE EXISTING MECHANICAL EQUIPMENT CURB AND PATCH OPENING.

ALTERNATE NO. 1.
 SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.



TRUE PLAN
 NORTH/NORTH
1
ROOF FRAMING DEMOLITION PLAN - AREA F
 1/8" = 1'-0"

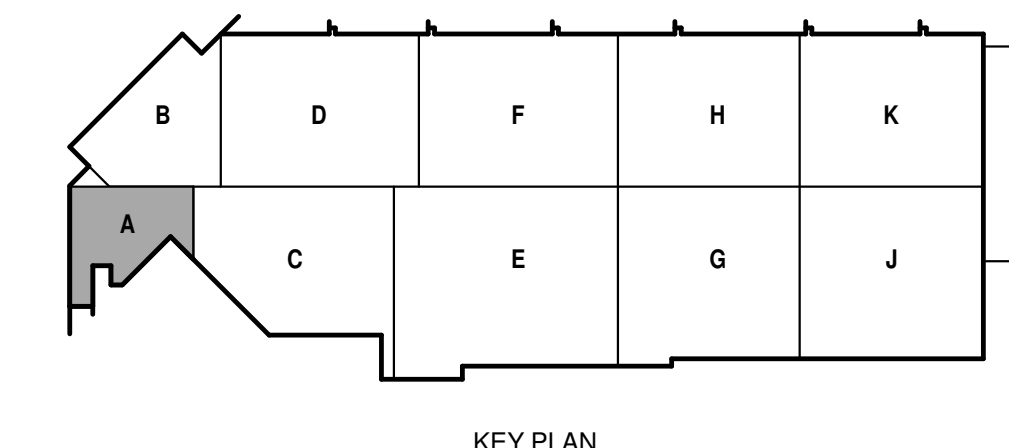
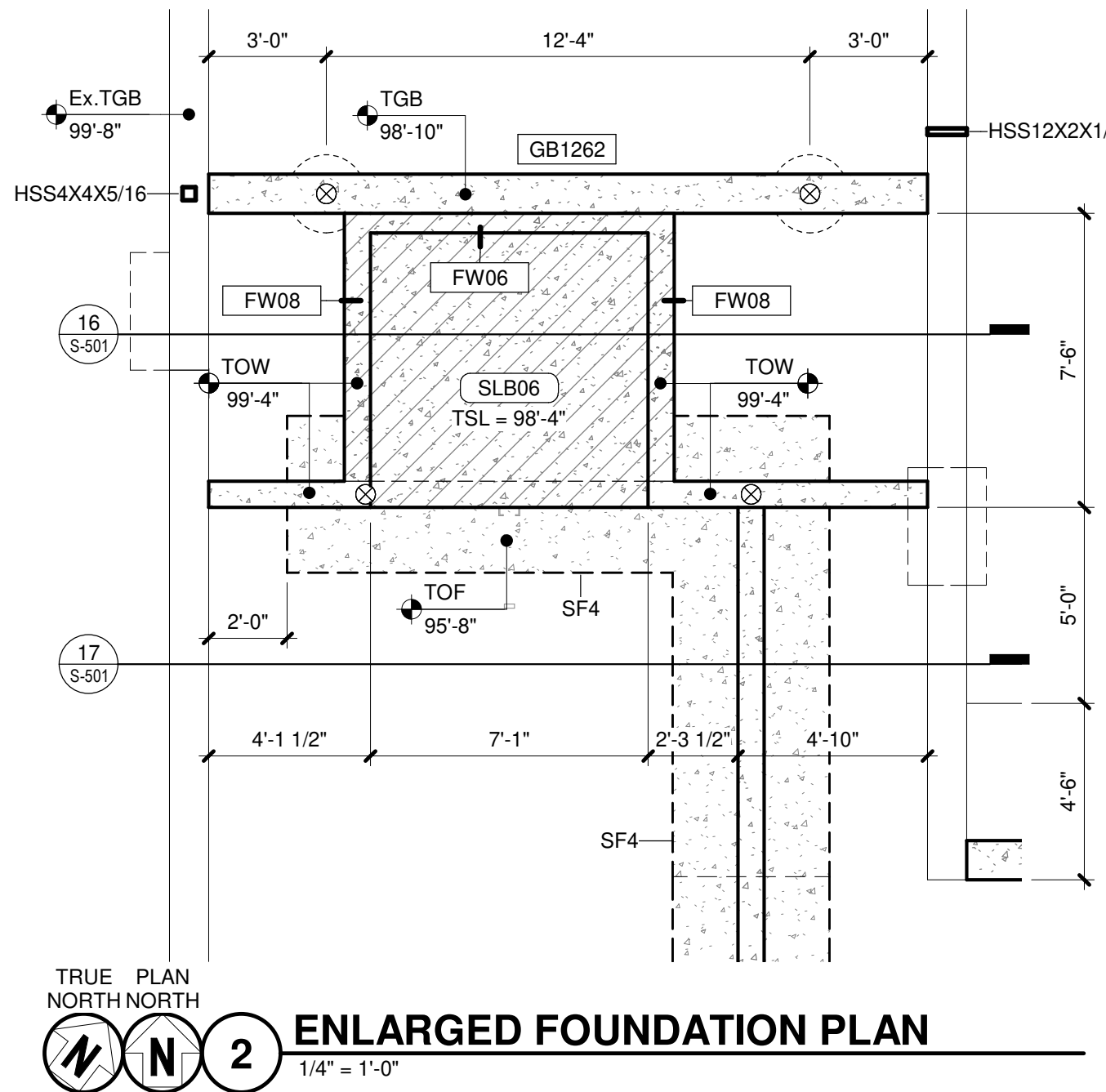
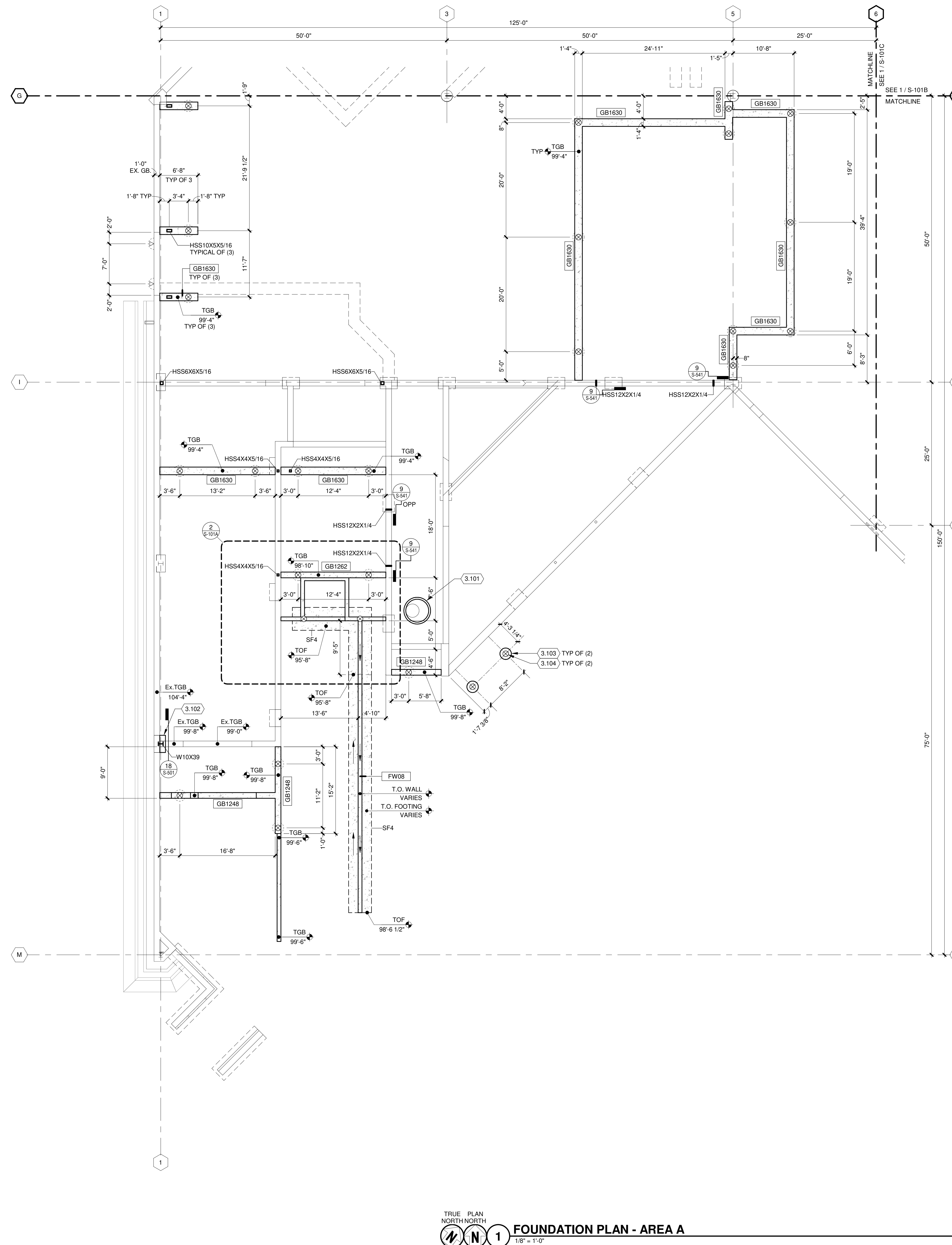


**FOUNDATION
PLAN GENERAL NOTES:**

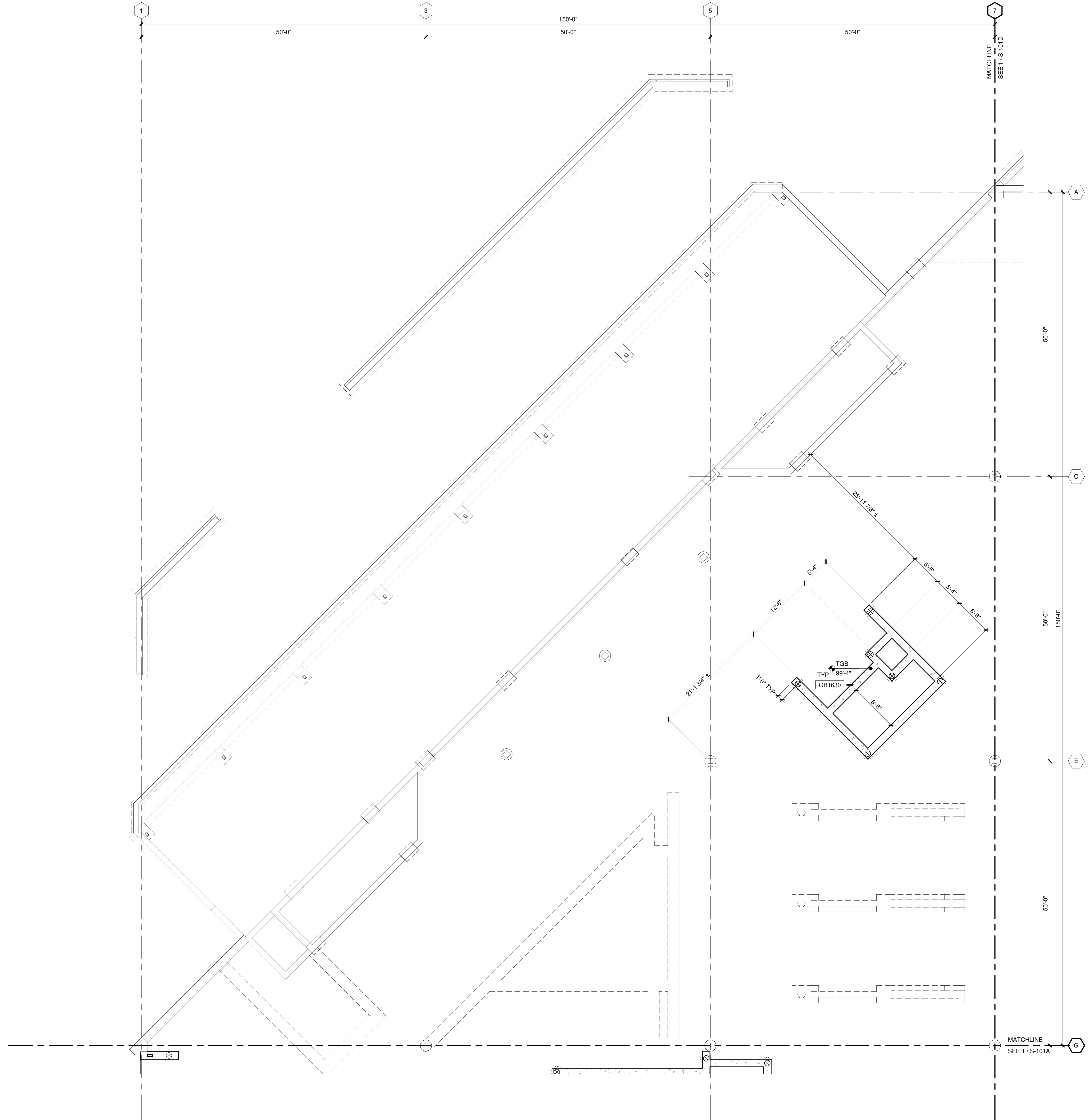
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- REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
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- REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
- REFER TO SHEET S-501 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
- TOP OF FOOTING ELEVATION = 96'-0" UNLESS NOTED OTHERWISE.
- TOP OF FOUNDATION WALL ELEVATION = 100'-0" UNLESS NOTED OTHERWISE.
- STRIP FOOTINGS AND GRADE BEAMS SHALL BE CENTERED UNDER FOUNDATION AND/OR MASONRY WALLS UNLESS NOTED OTHERWISE.
- (A) = RETROFIT HELICAL PIER
 - 32 KIP SERVICE LEVEL CAPACITY
 - MINIMUM EMBEDMENT DEPTH = 29'-0"
 - (B) = NEW HELICAL PIER
 - 32 KIP SERVICE LEVEL CAPACITY
 - MINIMUM EMBEDMENT DEPTH = 29'-0"

KEYED NOTES

- 4'-0" DIAMETER X 6'-0" DEEP MANHOLE WITH SOLID BOTTOM, FLAT TOP WITH 28" DIAMETER OFFSET MANWAY HOLE, CAST IRON CASTING WITH SLOTTED CAST IRON GRATE, FILL BOTTOM 3'-0" WITH CLEAR, WASHED 3/4" LIMESTONE, LESS THAN 5% PASSING 3/8" MINERAL MUST BE LIMESTONE FOR NEUTRALIZATION OF SPILLED BATTERY ACID.
- NEW PIER AT EXISTING GRADE BEAM, SEE DETAIL 14/S-501.
- 24" DIAMETER CONCRETE PIER, FULL 8'-0" HEIGHT TO BE POURED AT THE SAME TIME. REINFORCING SHALL BE (5) #5 VERTICAL BARS, #3 TIES SPACED AT 12" VERTICALLY, AND TRIPLE TOP TIE IN THE TOP 12" OF PIER. DOME TOP OF PIER WITH SLOPE OF 1/4" PER FOOT MINIMUM.
- HELICAL PIER, 10 KIP COMPRESSION CAPACITY.



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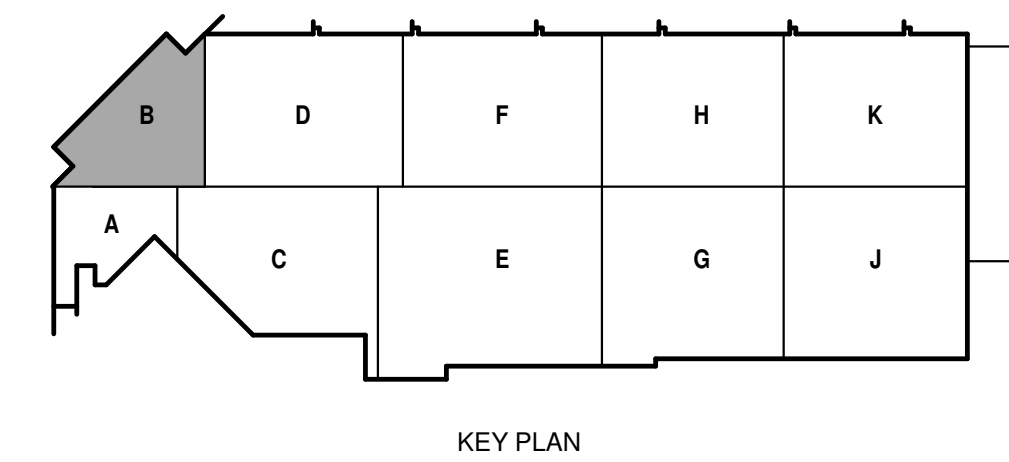


FOUNDATION PLAN GENERAL NOTES:

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 - 32 KIP SERVICE LEVEL CAPACITY
 - MINIMUM EMBEDMENT DEPTH = 29'-0"
12. (B) = NEW HELICAL PIER
 - 32 KIP SERVICE LEVEL CAPACITY
 - MINIMUM EMBEDMENT DEPTH = 29'-0"

KEYED NOTES

TRUE PLAN
NORTH NORTH
FOUNDATION PLAN - AREA B
1/8" = 1'-0"



Mead & Hunt
Mead & Hunt, Inc.
2440 Deming Way
Middleton, WI 53562
phone: 608-273-6380
meadhunt.com



CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS
 1101 EAST WASHINGTON AVE.
 MADISON, WI 53703

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SHEET CONTENTS
FOUNDATION PLAN - AREA B

SHEET NO.:
S-101B



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SHEET CONTENTS
FOUNDATION PLAN -
AREA C

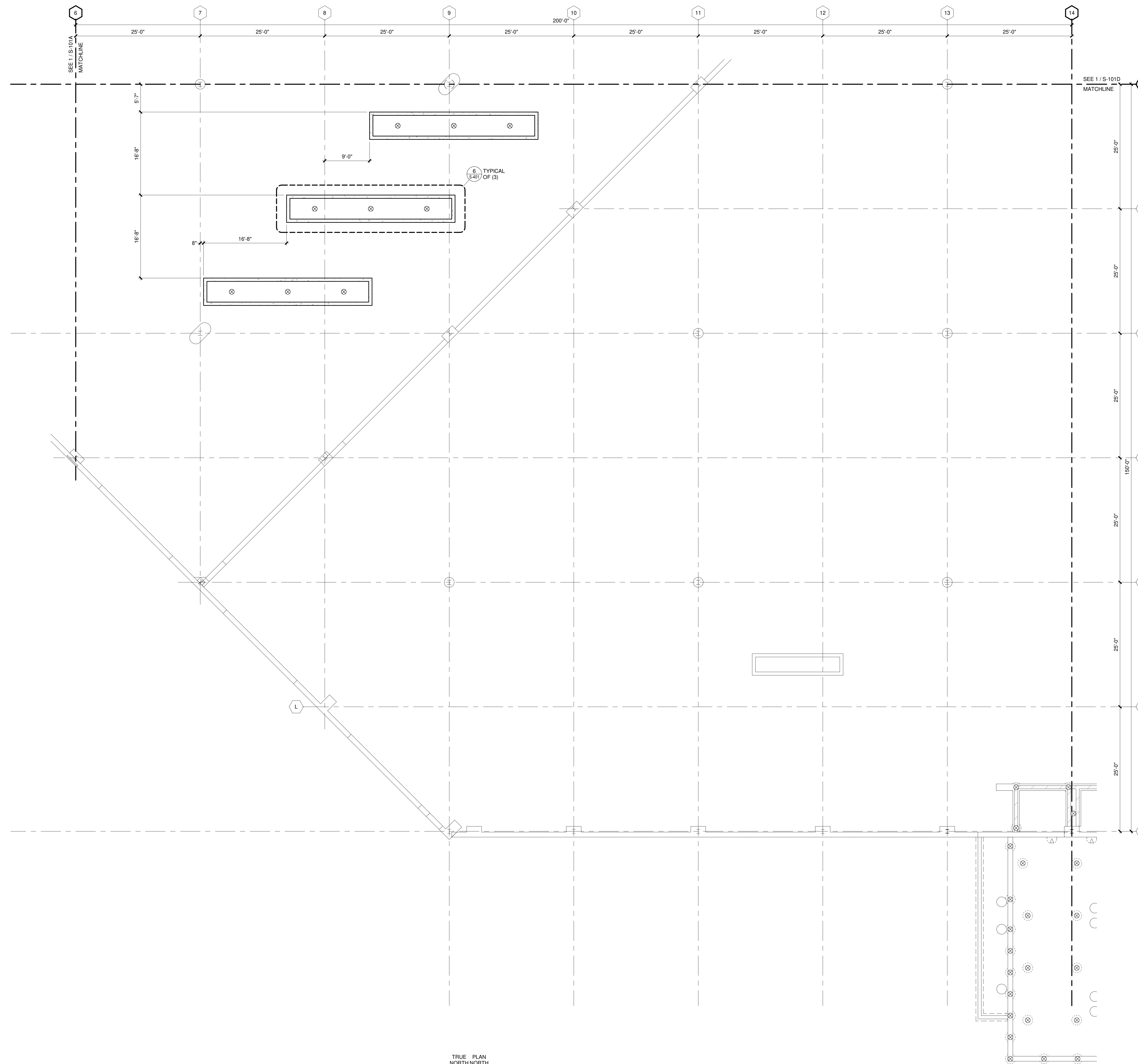
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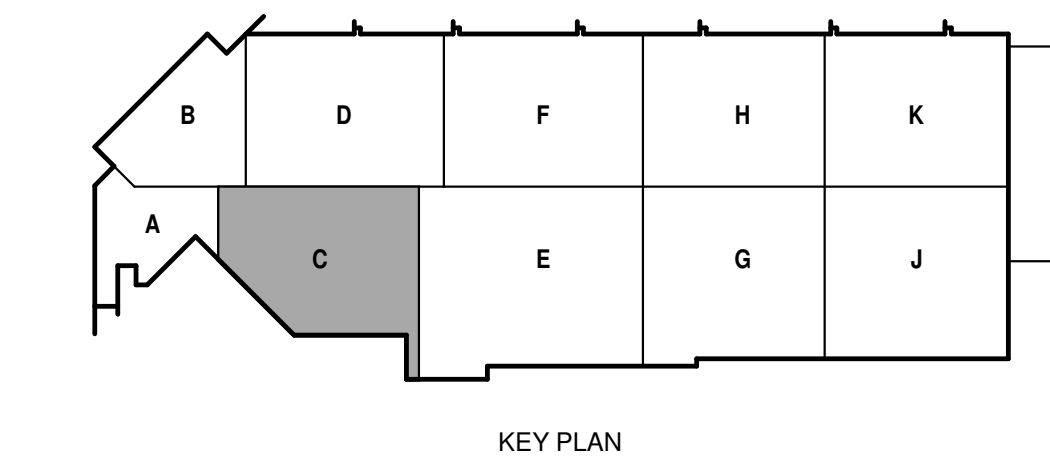
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2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
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 • 32 KIP SERVICE LEVEL CAPACITY
 • MINIMUM EMBEDMENT DEPTH = 29'-0"
12. (B) = NEW HELICAL PIER
 • 32 KIP SERVICE LEVEL CAPACITY
 • MINIMUM EMBEDMENT DEPTH = 29'-0"

KEYED NOTES



TRUE PLAN
NORTH NORTH
1 FOUNDATION PLAN - AREA C
1/8" = 1'-0"





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DO NOT SCALE DRAWINGS
SHEET CONTENTS
FOUNDATION PLAN -
AREA D

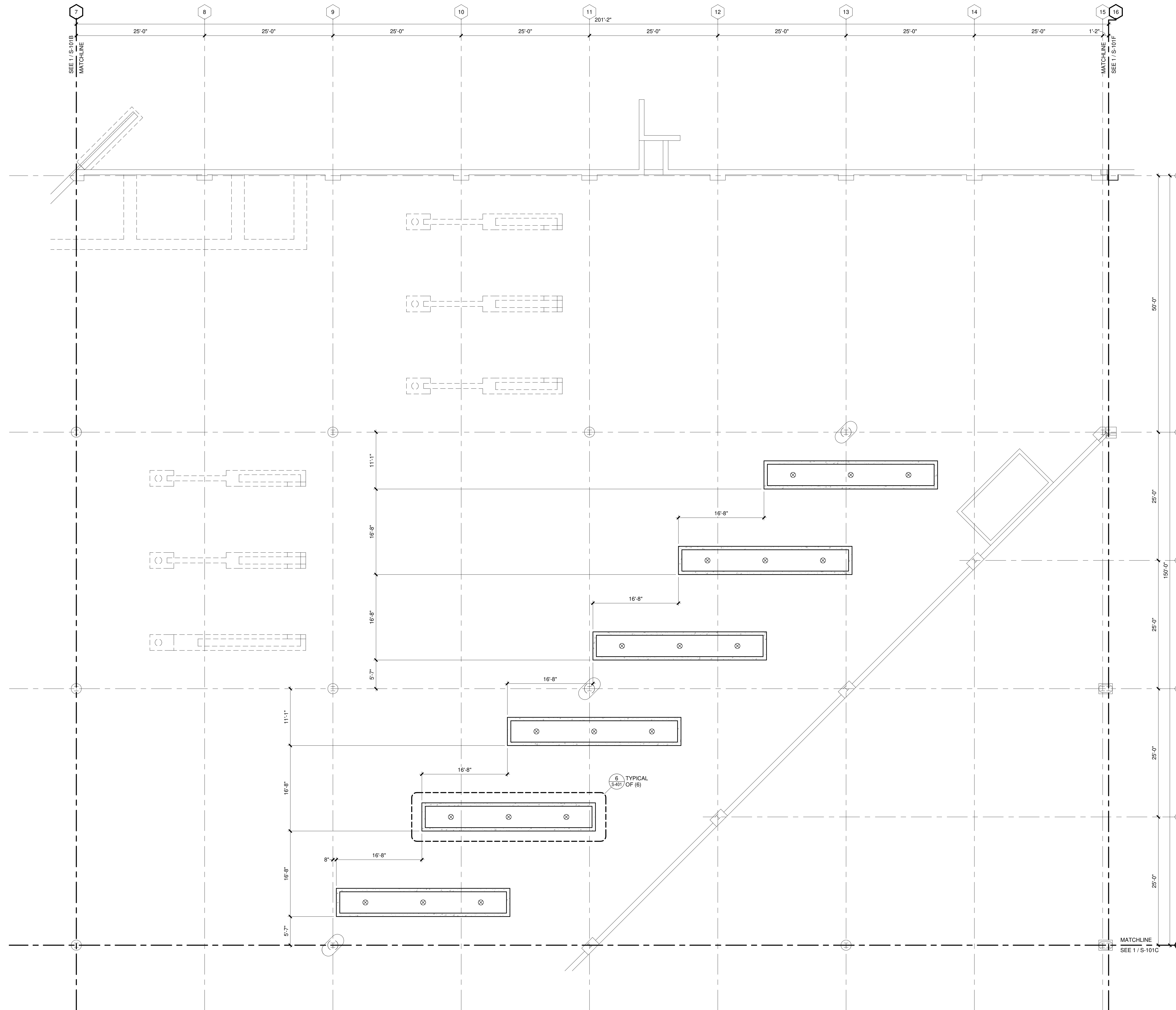
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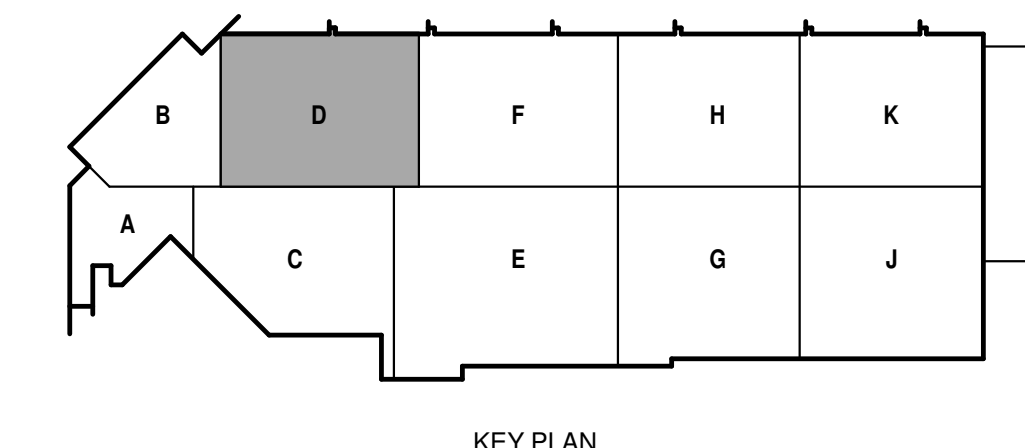
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PLAN GENERAL NOTES:**

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• MINIMUM EMBEDMENT DEPTH = 29'-0"

KEYED NOTES



TRUE PLAN
NORTH NORTH
FOUNDATION PLAN - AREA D
1/8" = 1'-0"





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SHEET NO.:

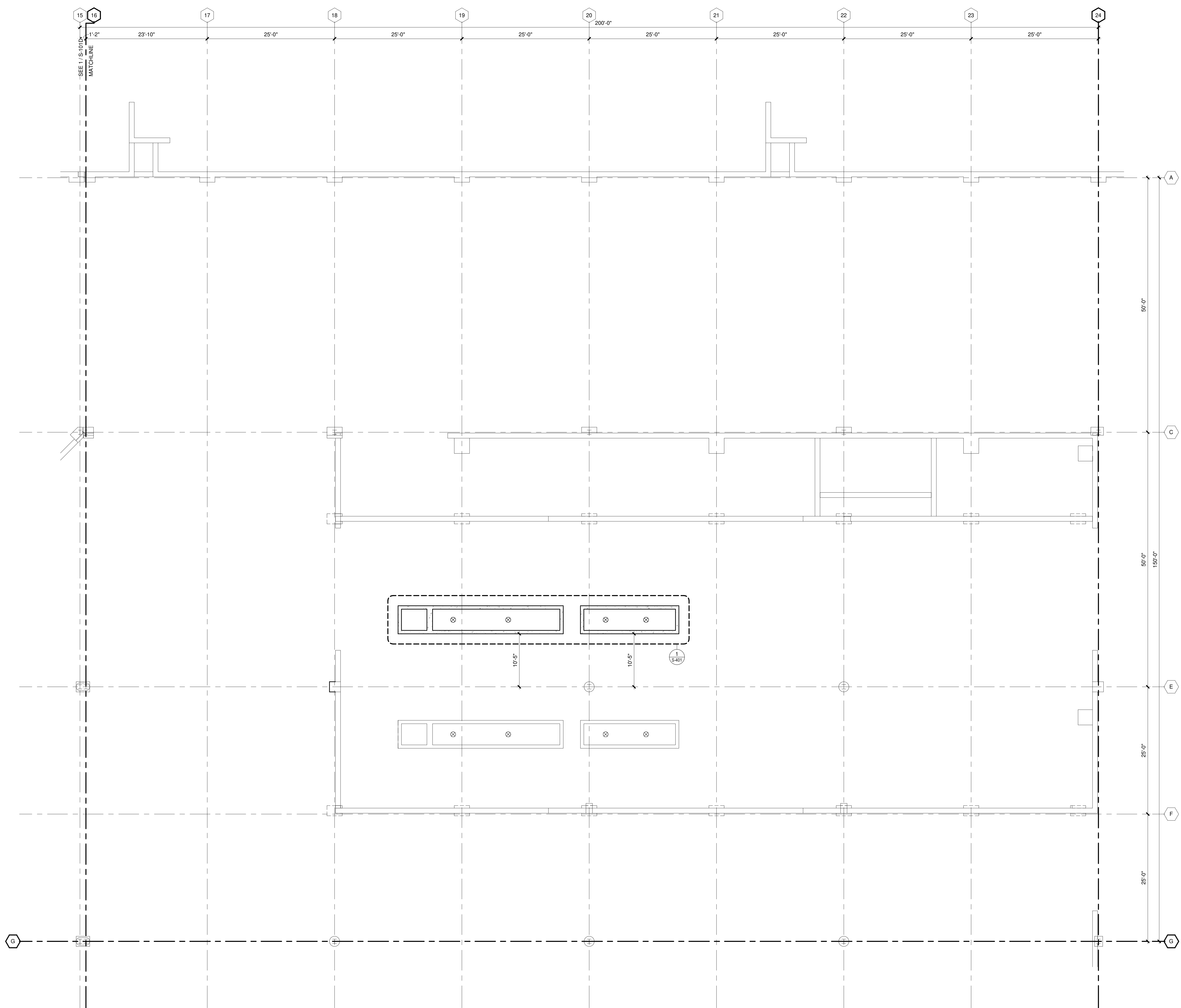
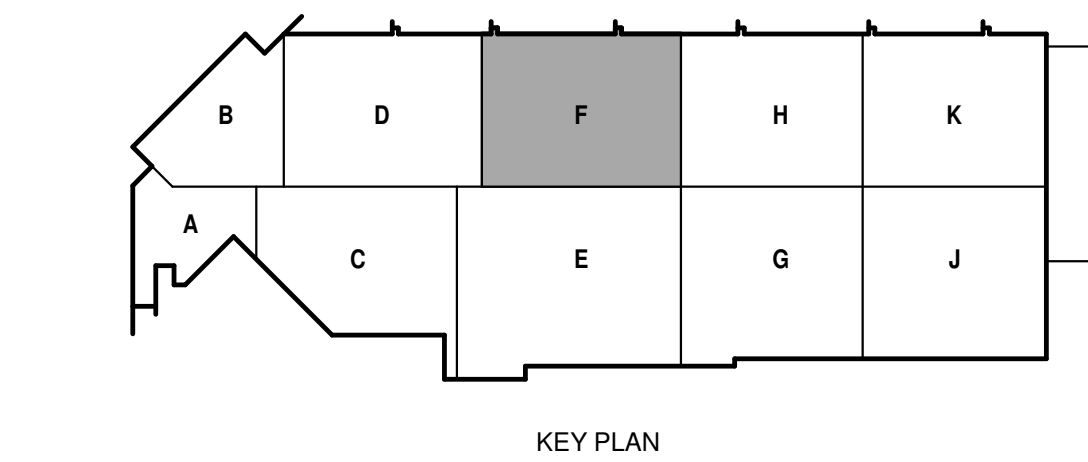
S-101F

**FOUNDATION
PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
7. REFER TO SHEET S-501 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
8. TOP OF FOOTING ELEVATION = 96'-0" UNLESS NOTED OTHERWISE.
9. TOP OF FOUNDATION WALL ELEVATION = 100'-0" UNLESS NOTED OTHERWISE.
10. STRIP FOOTINGS AND GRADE BEAMS SHALL BE CENTERED UNDER FOUNDATION AND/OR MASONRY WALLS UNLESS NOTED OTHERWISE.
11. (A) = RETROFIT HELICAL PIER
 - 32 KIP SERVICE LEVEL CAPACITY
 - MINIMUM EMBEDMENT DEPTH = 29'-0"
12. (B) = NEW HELICAL PIER
 - 32 KIP SERVICE LEVEL CAPACITY
 - MINIMUM EMBEDMENT DEPTH = 29'-0"

KEYED NOTES

ALTERNATE NO. 1:
SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.



TRUE PLAN
NORTH NORTH
FOUNDATION PLAN - AREA F
1/8" = 1'-0"



**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

ISSUED
04/08/21 BID SET

CONTRACT NO.: 8981
M&H NO.: 4503500-1908996.03
DATE: APRIL 8, 2021
DESIGNED BY: DXC
DRAWN BY: NJB / MJE
CHECKED BY: DRM
DO NOT SCALE DRAWINGS

SHEET CONTENTS
FIRST FLOOR
FLATWORK PLAN -
AREA A

SHEET NO.:

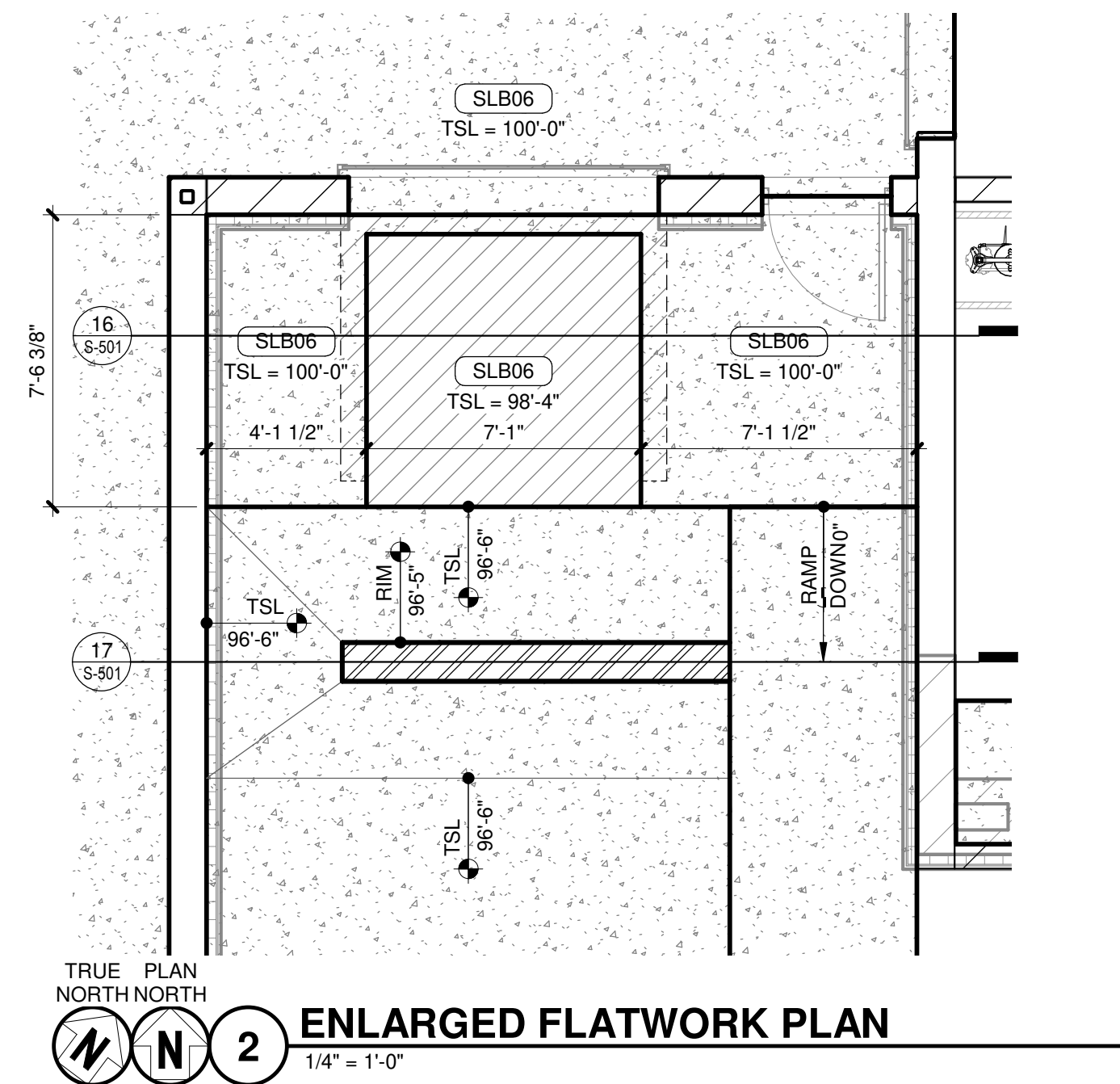
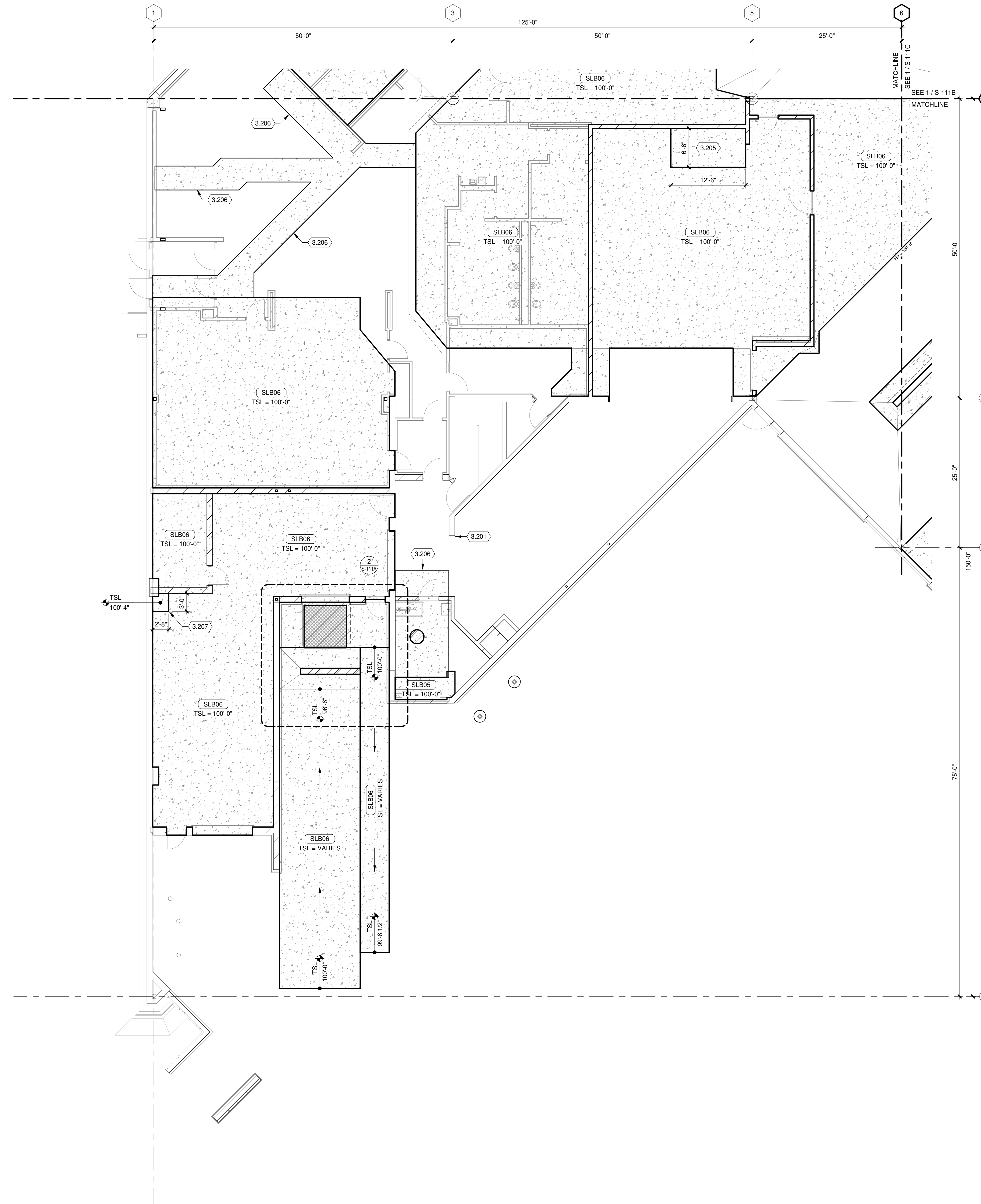
S-111A

**FLATWORK
PLAN GENERAL NOTES:**

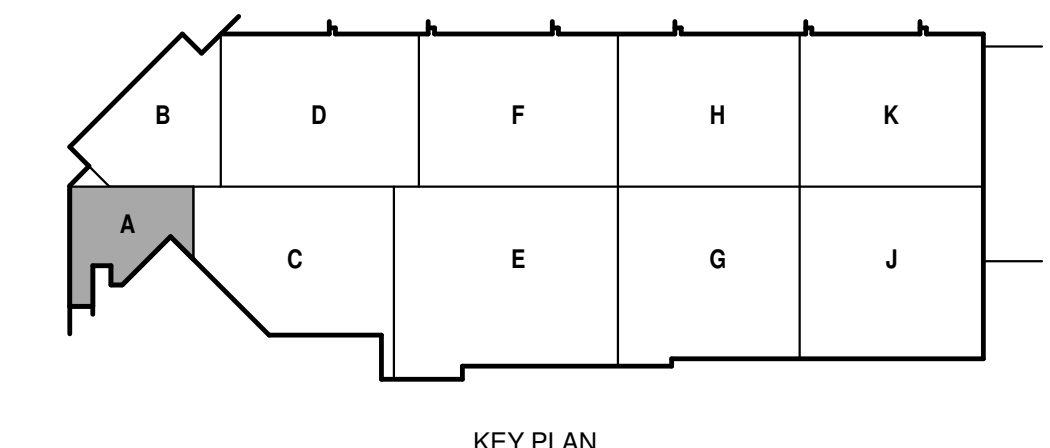
1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE Q-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOGY.
7. REFER TO SHEET S-511 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
8. REFER TO DETAIL 1/S-511 FOR STRUCTURAL SLAB TYPES.
9. FLOAT AND TROWEL FLOOR SLABS PER REQUIREMENTS OF ARCH. FLOOR FINISH SYSTEM.
10. (2) DASHED LINES = - - - INDICATE (2) ADDITIONAL #4 BARS (5'-0" LONG) DIAGONAL 6" FROM CORNER IN SLAB, 2" CLEAR FROM TOP OF SLAB.
11. DOWEL ALL NEW SLAB/INFILL TO EXISTING PER DETAIL 9/S-511, UNLESS INDICATED OTHERWISE.
12. **ATTENTION:** FULL EXTENT OF SLAB REPLACEMENT REQUIRED DUE TO OTHER DISCIPLINES DEMOLITION MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED SLAB REPLACEMENT WITH OTHER DISCIPLINES AND IN-FIELD CONDITIONS.

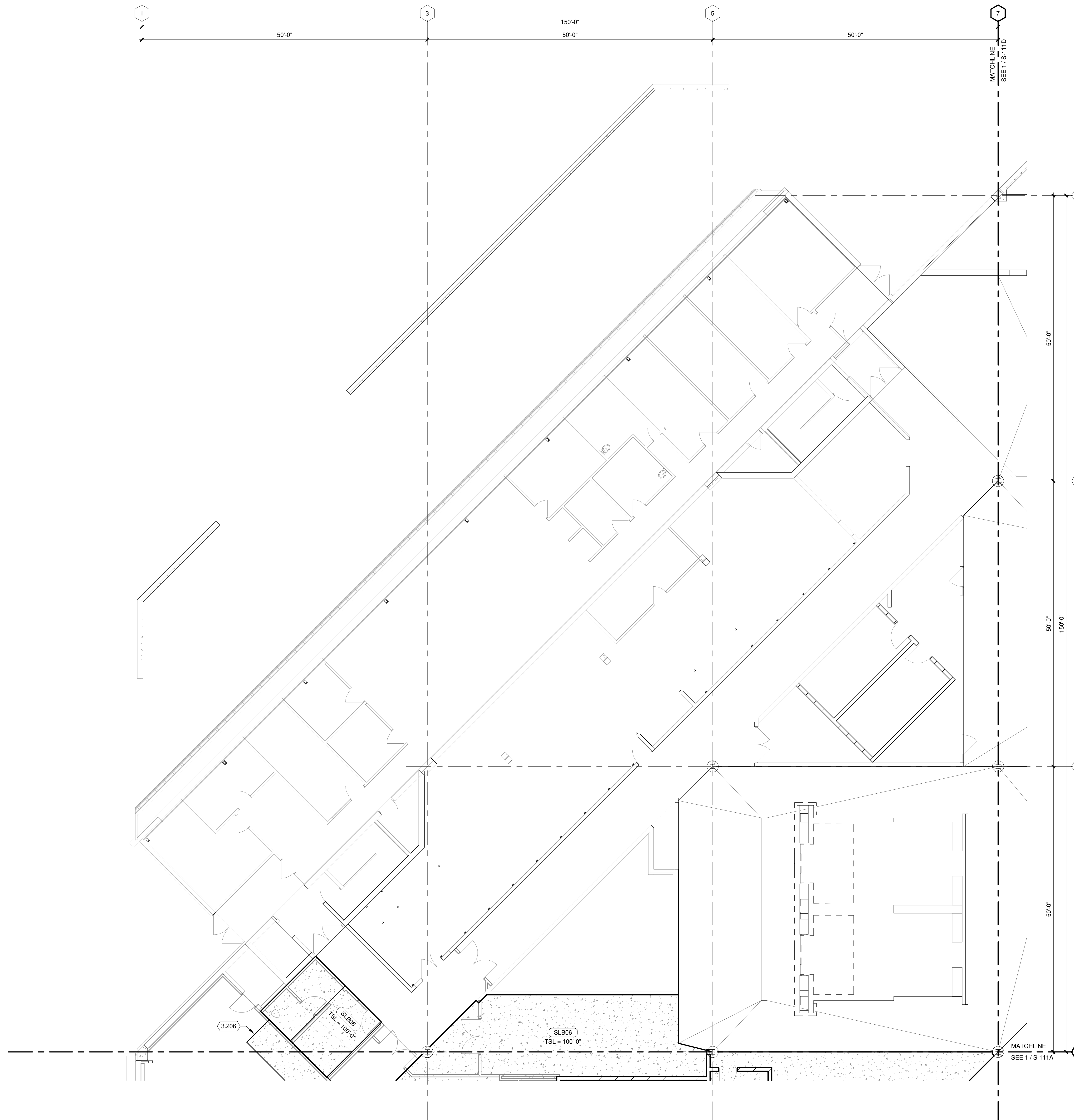
KEYED NOTES

- 3.201 PATCH SLAB AT WALL REMOVAL. MATCH EXISTING THICKNESS. DOWEL PER DETAIL 9/S-511.
- 3.205 12" ISOLATED EQUIPMENT PAD, SEE DETAIL 7/S-511. TOP OF SLAB ELEVATION = 100'-0".
- 3.206 SLAB REPLACEMENT AFTER COMPLETION OF PLUMBING DEMO/INSTALLATION. COORDINATE LOCATIONS WITH PLUMBING. REPLACE WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.
- 3.207 NEW EQUIPMENT PAD, SEE DETAIL 6/S-511. COORDINATE EXACT SIZE AND LOCATION WITH CORRESPONDING EQUIPMENT SUPPLIER.



TRUE PLAN
NORTH NORTH
1
FIRST FLOOR FLATWORK PLAN - AREA A
1/8" = 1'-0"





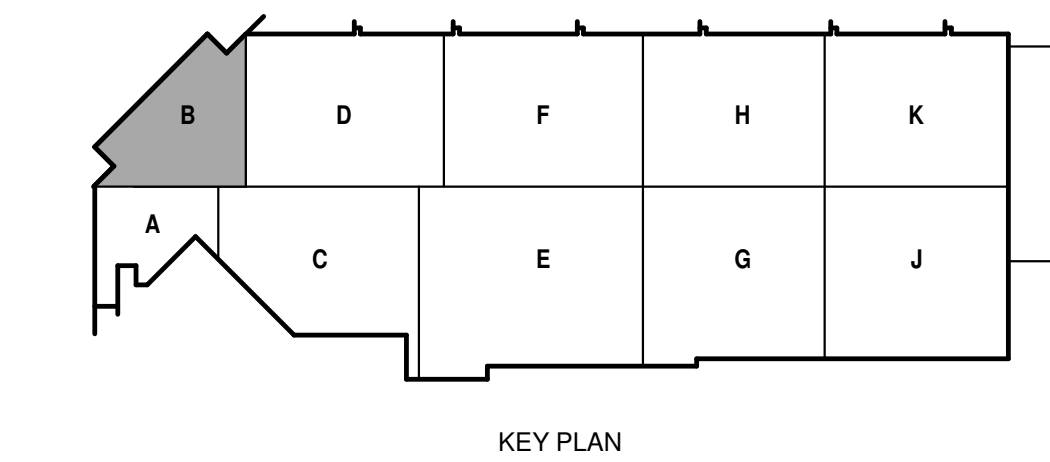
**FLATWORK
PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOGY.
7. REFER TO SHEET S-511 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
8. REFER TO DETAIL 1/S-511 FOR STRUCTURAL SLAB TYPES.
9. FLOAT AND TROWEL FLOOR SLABS PER REQUIREMENTS OF ARCH. FLOOR FINISH SYSTEM.
10. (2) DASHED LINES = = = INDICATE (2) ADDITIONAL #4 BARS (5'-0" LONG) DIAGONAL 6" FROM CORNER IN SLAB, 2" CLEAR FROM TOP OF SLAB.
11. DOWEL ALL NEW SLAB/FILL TO EXISTING PER DETAIL 9/S-511, UNLESS INDICATED OTHERWISE.
12. **ATTENTION:** FULL EXTENT OF SLAB REPLACEMENT REQUIRED DUE TO OTHER DISCIPLINES DEMOLITION MAY NOT BE CAPTURED ON DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL REQUIRED SLAB REPLACEMENT WITH OTHER DISCIPLINES AND IN-FIELD CONDITIONS.

KEYED NOTES

- 3.206 SLAB REPLACEMENT AFTER COMPLETION OF PLUMBING DEMO/INSTALLATION. COORDINATE LOCATIONS WITH PLUMBING. REPLACE WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.

TRUE PLAN
NORTH NORTH
1
FIRST FLOOR FLATWORK PLAN - AREA B
1/8" = 1'-0"



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SHEET CONTENTS
FIRST FLOOR
FLATWORK PLAN -
AREA B

SHEET NO.:

S-111B



**CITY OF MADISON
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SHEET CONTENTS
FIRST FLOOR
FLATWORK PLAN -
AREA C

SHEET NO.:

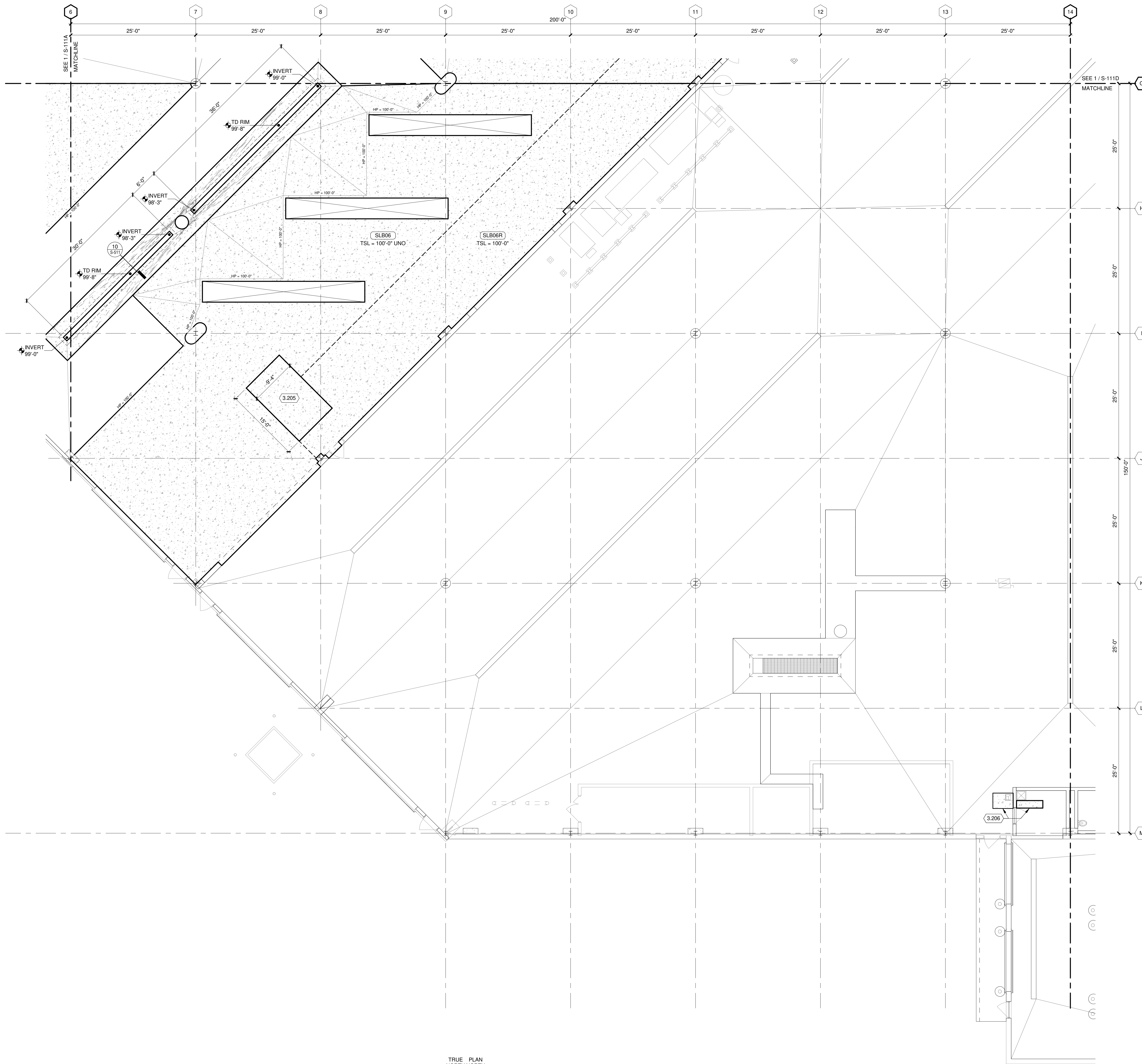
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**FLATWORK
PLAN GENERAL NOTES:**

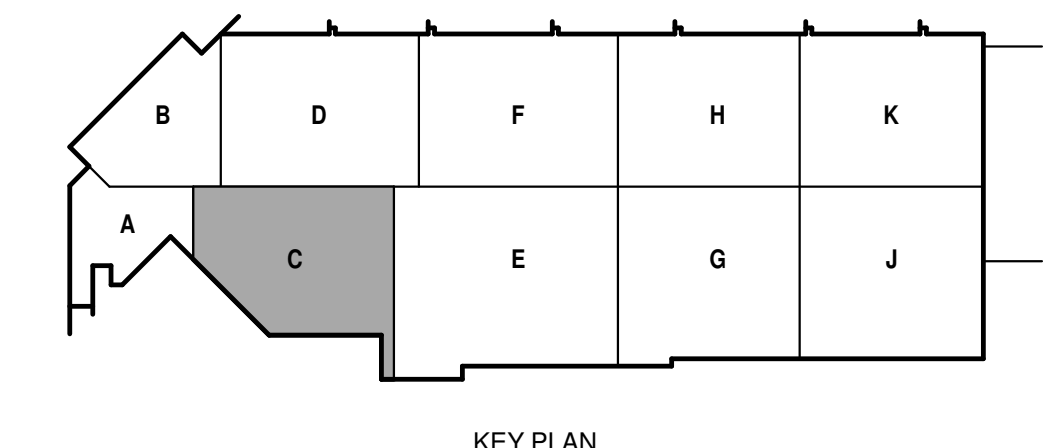
1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
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KEYED NOTES

- 3.205 12" ISOLATED EQUIPMENT PAD, SEE DETAIL 7/S-511. TOP OF SLAB ELEVATION = 100'-0".
- 3.206 SLAB REPLACEMENT AFTER COMPLETION OF PLUMBING DEMO INSTALLATION. COORDINATE LOCATIONS WITH PLUMBING. REPLACE WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.



TRUE PLAN
NORTH NORTH
1
FIRST FLOOR FLATWORK PLAN - AREA C
1/8" = 1'-0"





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SHEET CONTENTS
FIRST FLOOR
FLATWORK PLAN -
AREA D

SHEET NO.:

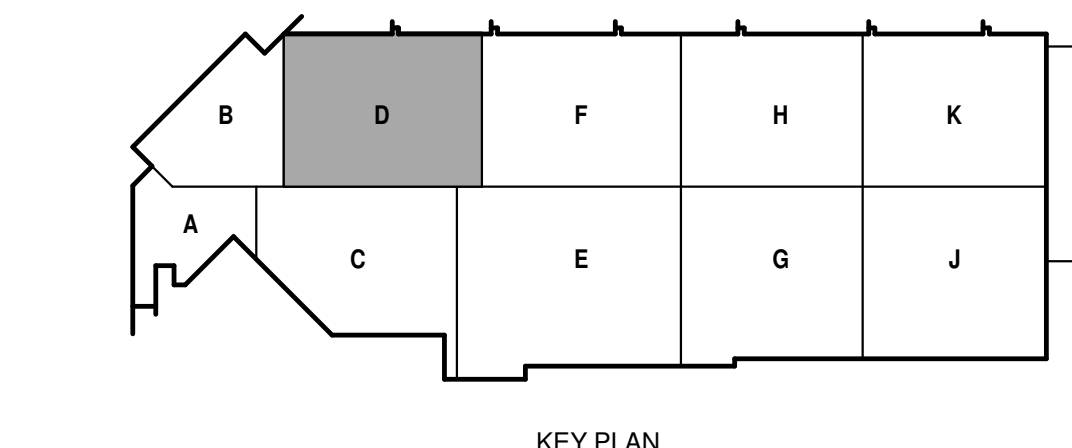
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**FLATWORK
PLAN GENERAL NOTES:**

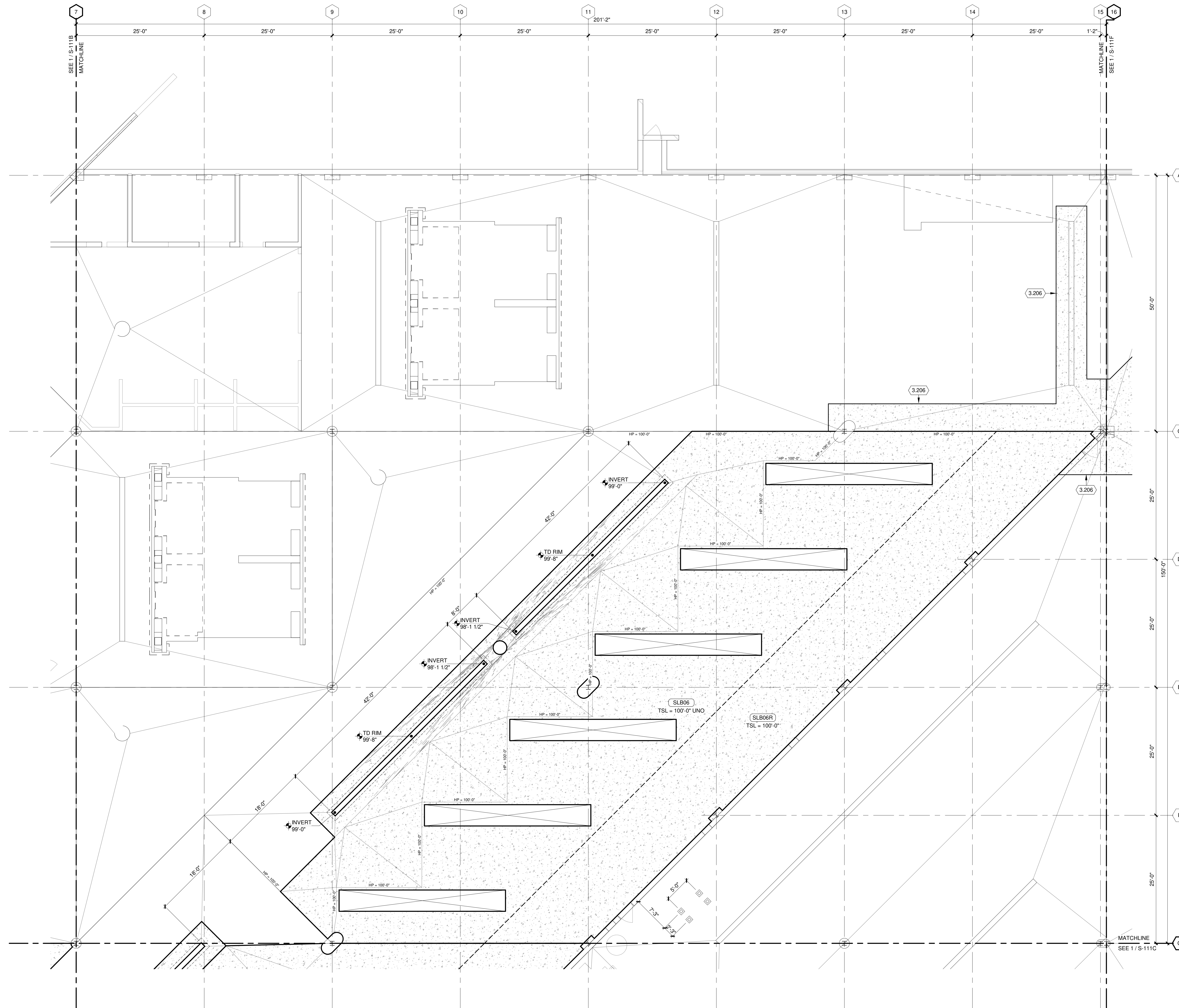
1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLLOGY.
7. REFER TO SHEET S-511 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
8. REFER TO DETAIL 1/S-511 FOR STRUCTURAL SLAB TYPES.
9. FLOAT AND TROWEL FLOOR SLABS PER REQUIREMENTS OF ARCH. FLOOR FINISH SYSTEM.
10. (2) DASHED LINES = = = = INDICATE (2) ADDITIONAL #4 BARS (5'-0" LONG) DIAGONAL 6" FROM CORNER IN SLAB, 2" CLEAR FROM TOP OF SLAB.
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KEYED NOTES

- 3.206 SLAB REPLACEMENT AFTER COMPLETION OF PLUMBING DEMOLITION/INSTALLATION. COORDINATE LOCATIONS WITH PLUMBING. REPLACE WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.



KEY PLAN



TRUE PLAN
NORTH NORTH
1
FIRST FLOOR FLATWORK PLAN - AREA D
1/8" = 1'-0"



**CITY OF MADISON
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1101 EAST WASHINGTON AVE.
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ISSUED
04/08/21 BID SET

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SHEET CONTENTS
FIRST FLOOR
FLATWORK PLAN - AREA F

SHEET NO.:

S-111F

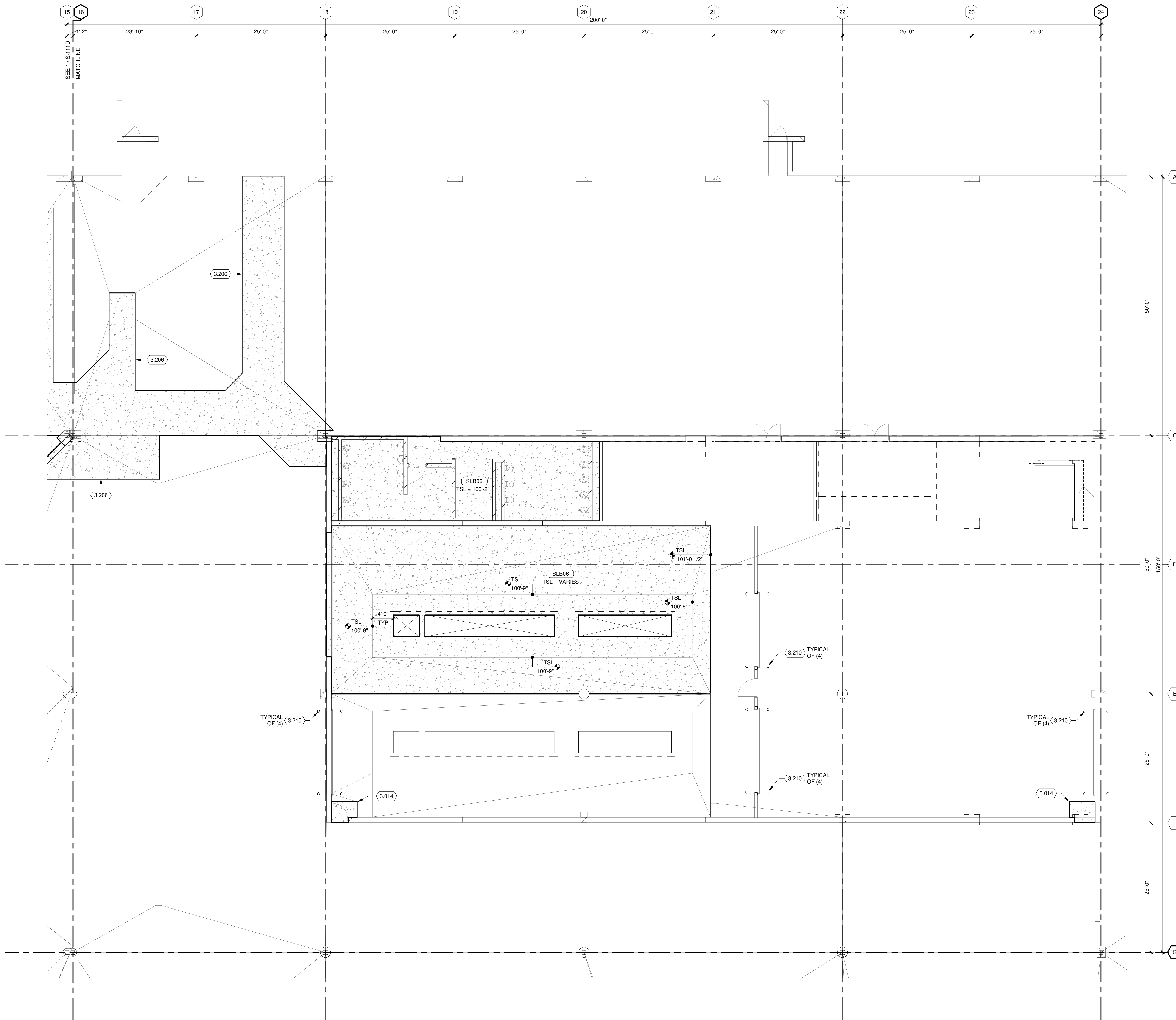
**FLATWORK
PLAN GENERAL NOTES:**

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
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6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
7. REFER TO SHEET S-511 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
8. REFER TO DETAIL 1/S-511 FOR STRUCTURAL SLAB TYPES.
9. FLOAT AND TROWEL FLOOR SLABS PER REQUIREMENTS OF ARCH. FLOOR FINISH SYSTEM.
10. (2) DASHED LINES = - - - - INDICATE (2) ADDITIONAL #4 BARS (5'-0" LONG) DIAGONAL 6" FROM CORNER IN SLAB, 2" CLEAR FROM TOP OF SLAB.
11. DOWEL ALL NEW SLAB/FILL TO EXISTING PER DETAIL 9/S-511, UNLESS INDICATED OTHERWISE.
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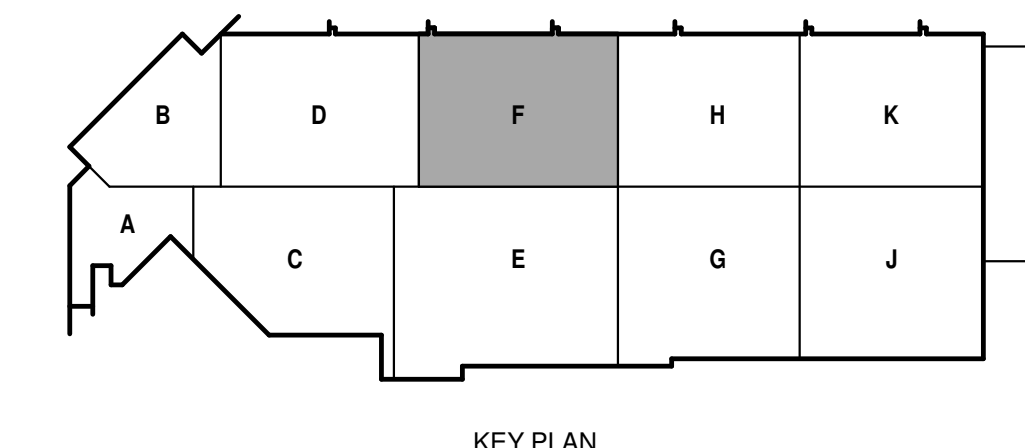
KEYED NOTES

- 3.014 REMOVE EXISTING SLAB AS REQUIRED FOR DEMOLITION OF EXISTING MASONRY WALL AND INSTALLATION OF NEW DOOR. REPLACE SLAB WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.
- 3.206 SLAB REPLACEMENT AFTER COMPLETION OF PLUMBING DEMO/INSTALLATION. COORDINATE LOCATIONS WITH PLUMBING. REPLACE WITH SLAB TYPE SLB06. MATCH ADJACENT FLOOR ELEVATIONS AND SLOPES.
- 3.210 NEW BOLLARD, SEE DETAIL 11/S-511.

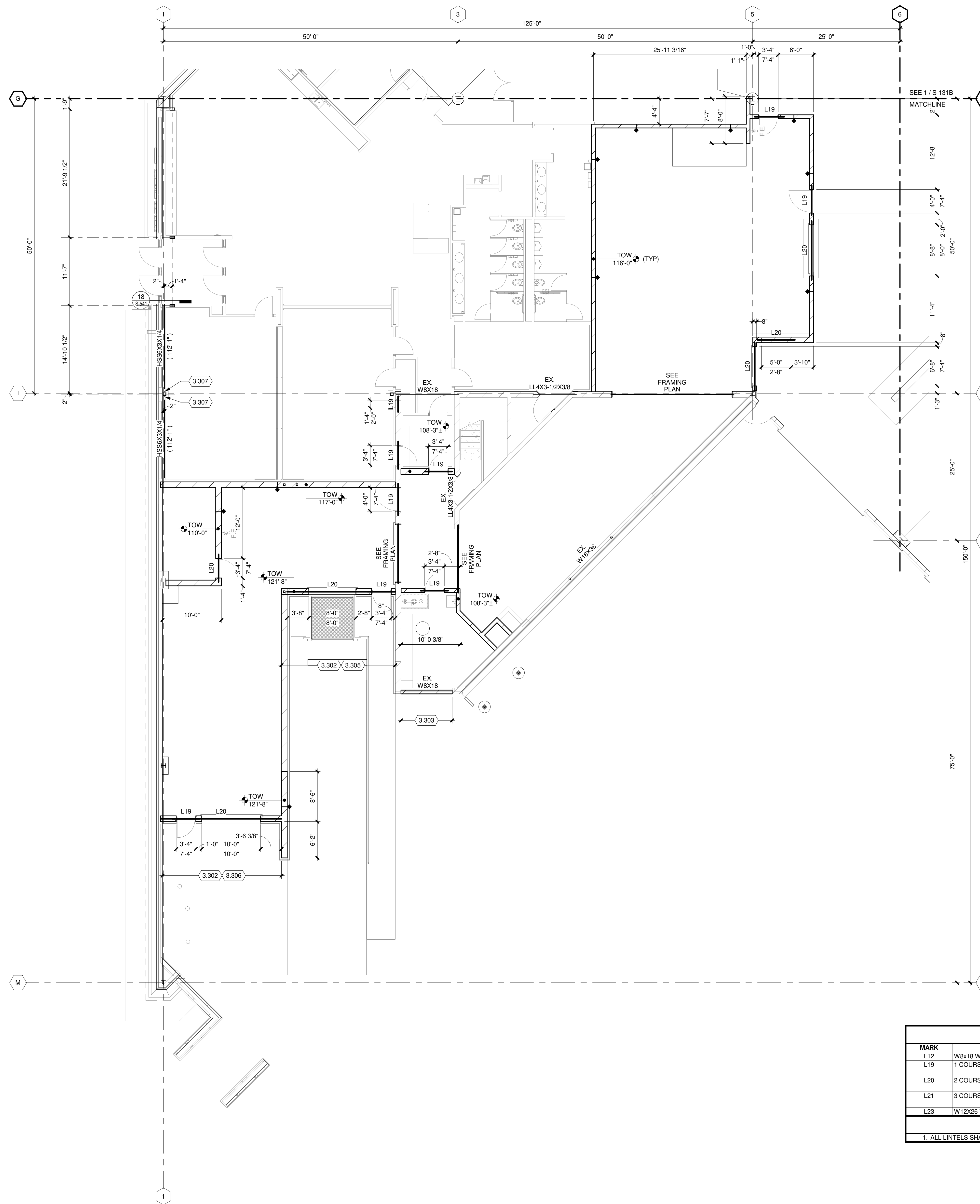
ALTERNATE NO. 1.
SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.



TRUE PLAN
NORTH NORTH
1
FIRST FLOOR FLATWORK PLAN - AREA F
1/8" = 1'-0"



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STRUCTURAL FLOOR PLAN GENERAL NOTES:

- REFERENCE G-020 THROUGH G-039 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
- REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
- REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
- SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
- FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
- REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS AND SYMBOLOGY.
- REFER TO SHEET S-131A FOR LINTEL SCHEDULE.
- REFER TO SHEET S-531 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
- ALL MASONRY WALLS SHALL BE REINFORCED WITH #5 VERTICAL BARS AT 48" O.C., CENTERED IN WALL, UNLESS INDICATED OTHERWISE.
- GROUT ALL MASONRY SOLID BELOW FINISHED FLOOR ELEVATION AND 1 FULL COURSE ABOVE FINISHED FLOOR.
- ALL MASONRY WALL REINFORCEMENT SHALL BE FULL HEIGHT UNLESS NOTED OR DETAILED OTHERWISE.
- STRUCTURAL WALL TYPES SHALL REMAIN CONTINUOUS ACROSS LINTELS AND MASONRY CONTROL JOINTS (MCJ), UNLESS NOTED OR DETAILED OTHERWISE.
- PROVIDE L19 LINTEL AT ALL MASONRY OPENINGS (NOT INDICATED EXCEEDING 1'-0" (4'-0" MAX) IN WIDTH. COORDINATE WITH ALL OTHER DISCIPLINES FOR LOCATION AND SIZE OF SUCH PENETRATIONS.
- COORDINATE REQUIRED WALL PENETRATIONS WITH ALL OTHER DISCIPLINES TO AVOID PENETRATION OF STRUCTURAL MEMBERS AT LINTELS, TOP OF WALL, AND ANY OTHER STRUCTURAL ELEMENTS IN THE FIELD OF THE MASONRY WALL. NOTIFY ENGINEER PRIOR TO PENETRATION OF ANY STRUCTURAL MEMBERS INCLUDING, BUT NOT LIMITED TO, BOND BEAMS AND PORTIONS OF FULLY GROUTED MASONRY WALLS.
- CONTROL JOINTS IN MASONRY SHALL NOT BE LOCATED CLOSER THAN 2'-0" TO THE EDGE OF MASONRY OPENINGS, UNLESS NOTED OTHERWISE.

KEYED NOTES

- 3.302 NEW 8" CMU WALL FULLY GROUTED, FULL HEIGHT, WITH JAMB REINFORCING PER DETAIL S-521.
- 3.303 NEW 8" CMU INFILL FULLY GROUTED WITH #5 VERTICAL BAR EACH CORE.
- 3.305 LINTEL L20 SHALL SPAN ENTIRE LENGTH OF THIS WALL.
- 3.306 LINTEL L20 SHALL SPAN ENTIRE LENGTH OF THIS WALL. FULL LENGTH BOND BEAM WITH (2) #5 BARS AT 4'-0" VERTICAL SPACING ABOVE OPENINGS.
- 3.307 FIELD WELD HSS LINTEL BEAM TO HSS COLUMN WITH 1/4" FILLET WELD, THREE SIDES.

LINTEL SCHEDULE

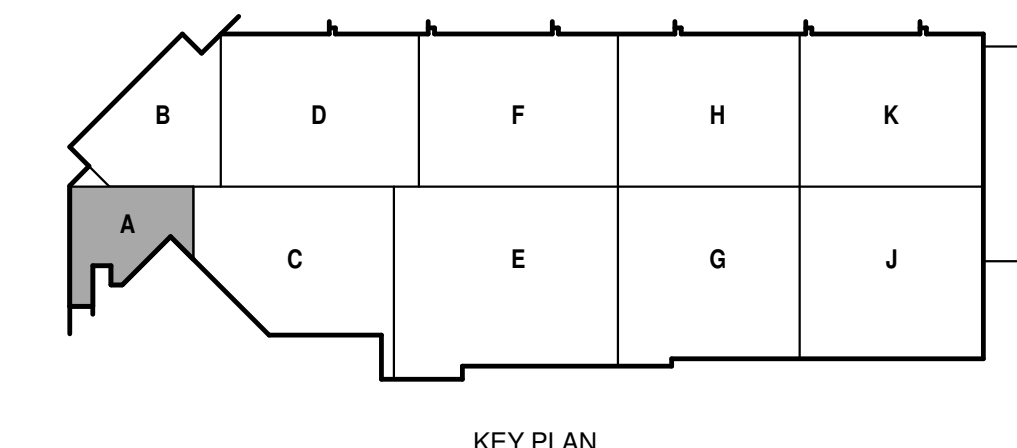
MARK	DESCRIPTION	BEARING	DETAIL	REMARKS
L12	W8x18 WITH PLATE	8" E.E.		
L19	1 COURSE BOND BEAM WITH (2) #5 AT BOTTOM	8" E.E.		NO BOTTOM PLATE
L20	2 COURSE BOND BEAM WITH (2) #5 AT BOTTOM	4" E.E.		NO BOTTOM PLATE
L21	3 COURSE BOND BEAM WITH (2) #5 AT BOTTOM	24" E.E.		NO BOTTOM PLATE
L23	W12x26 WITH PL1/4x11-1/2	8" E.E.		

LINTEL SCHEDULE GENERAL NOTES

- ALL LINTELS SHALL HAVE 1/4" THICK BOTTOM PLATE TO MATCH WIDTH OF WALL MINUS 1/4" EACH SIDE U.N.O.

TRUE PLAN NORTH NORTH

STRUCTURAL FIRST FLOOR PLAN - AREA A
 1/8" = 1'-0"



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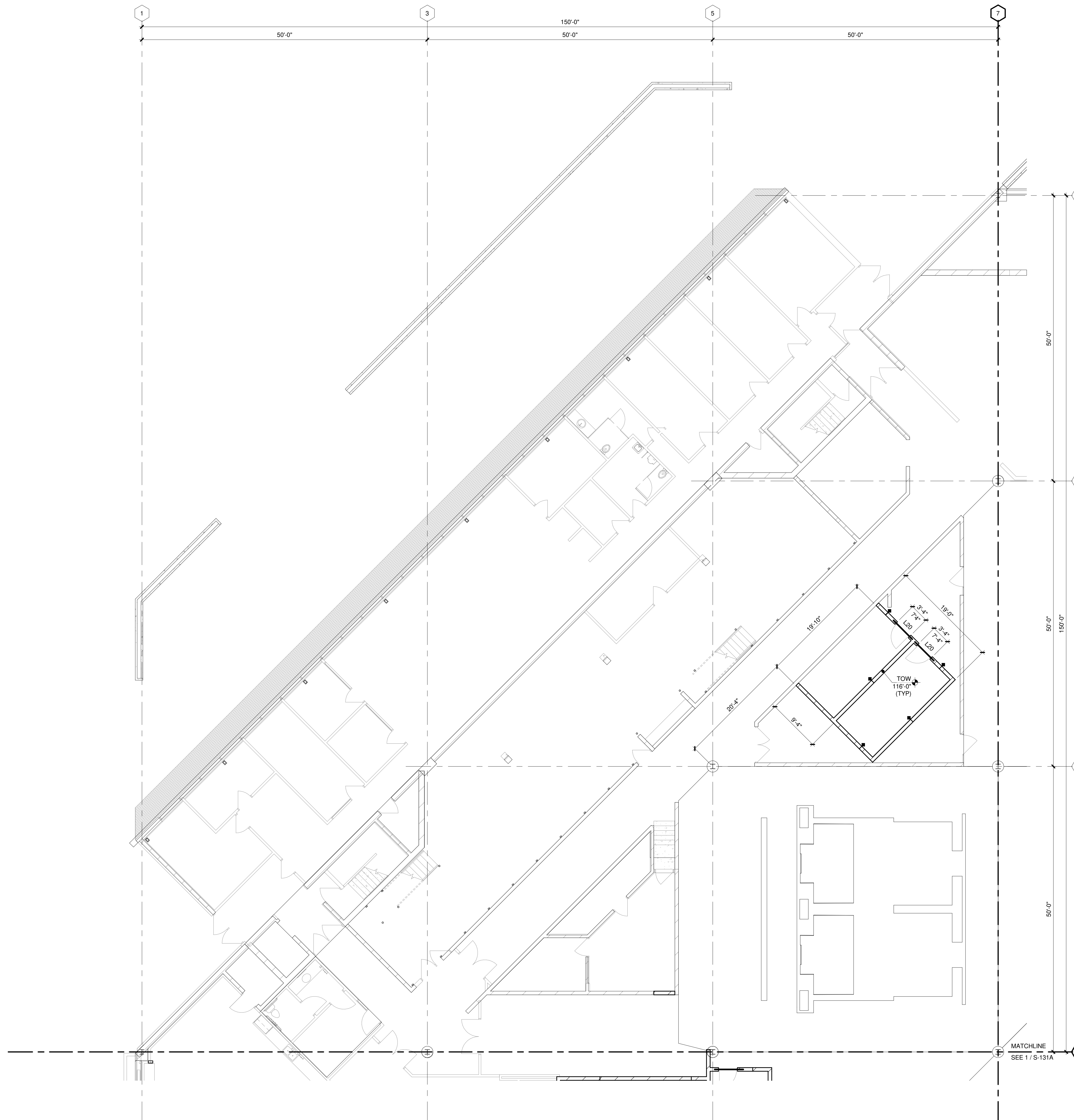
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 STRUCTURAL FIRST FLOOR PLAN - AREA A

SHEET NO.:

S-131A

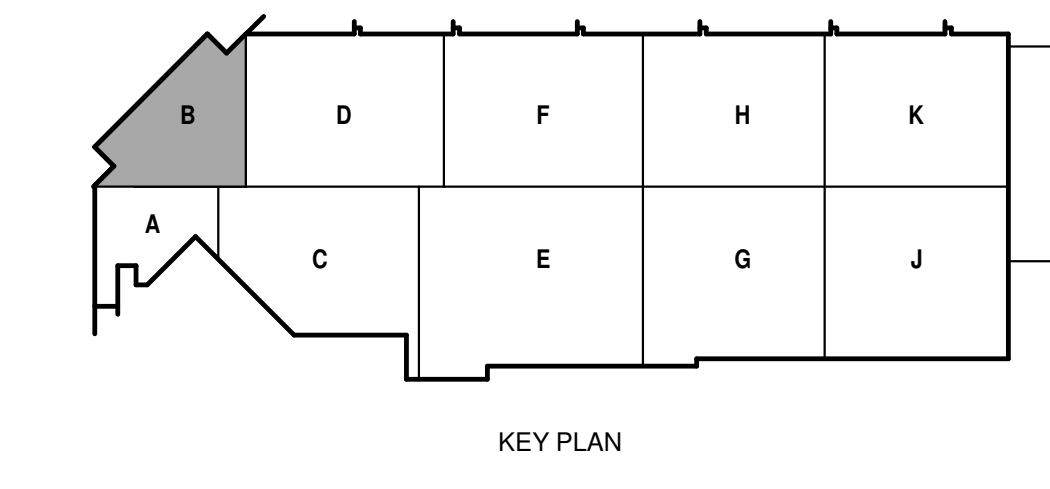


STRUCTURAL FLOOR PLAN GENERAL NOTES:

- REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
- REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
- REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
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- REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS AND SYMBOLOGY.
- REFER TO SHEET S-131A FOR LINTEL SCHEDULE.
- REFER TO SHEET S-531 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
- ALL MASONRY WALLS SHALL BE REINFORCED WITH #5 VERTICAL BARS AT 48" O.C., CENTERED IN WALL, UNLESS INDICATED OTHERWISE.
- GROUT ALL MASONRY SOLID BELOW FINISHED FLOOR ELEVATION AND 1 FULL COURSE ABOVE FINISHED FLOOR.
- ALL MASONRY WALL REINFORCEMENT SHALL BE FULL HEIGHT UNLESS NOTED OR DETAILED OTHERWISE.
- STRUCTURAL WALL TYPES SHALL REMAIN CONTINUOUS ACROSS LINTELS AND MASONRY CONTROL JOINTS (MCJ), UNLESS NOTED OR DETAILED OTHERWISE.
- PROVIDE L19 LINTEL AT ALL MASONRY OPENINGS (NOT INDICATED EXCEEDING 1'-0" (4'-0" MAX) IN WIDTH. COORDINATE WITH ALL OTHER DISCIPLINES FOR LOCATION AND SIZE OF SUCH PENETRATIONS.
- COORDINATE REQUIRED WALL PENETRATIONS WITH ALL OTHER DISCIPLINES TO AVOID PENETRATION OF STRUCTURAL MEMBERS AT LINTELS, TOP OF WALL, AND ANY OTHER STRUCTURAL ELEMENTS IN THE FIELD OF THE MASONRY WALL. NOTIFY ENGINEER PRIOR TO PENETRATION OF ANY STRUCTURAL MEMBERS INCLUDING, BUT NOT LIMITED TO, BOND BEAMS AND PORTIONS OF FULLY GROUTED MASONRY WALLS.
- CONTROL JOINTS IN MASONRY SHALL NOT BE LOCATED CLOSER THAN 2'-0" TO THE EDGE OF MASONRY OPENINGS, UNLESS NOTED OTHERWISE.

KEYED NOTES

TRUE PLAN
NORTH NORTH
1
1/8" = 1'-0"
STRUCTURAL FIRST FLOOR PLAN - AREA B



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CITY OF MADISON
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MADISON, WI 53703

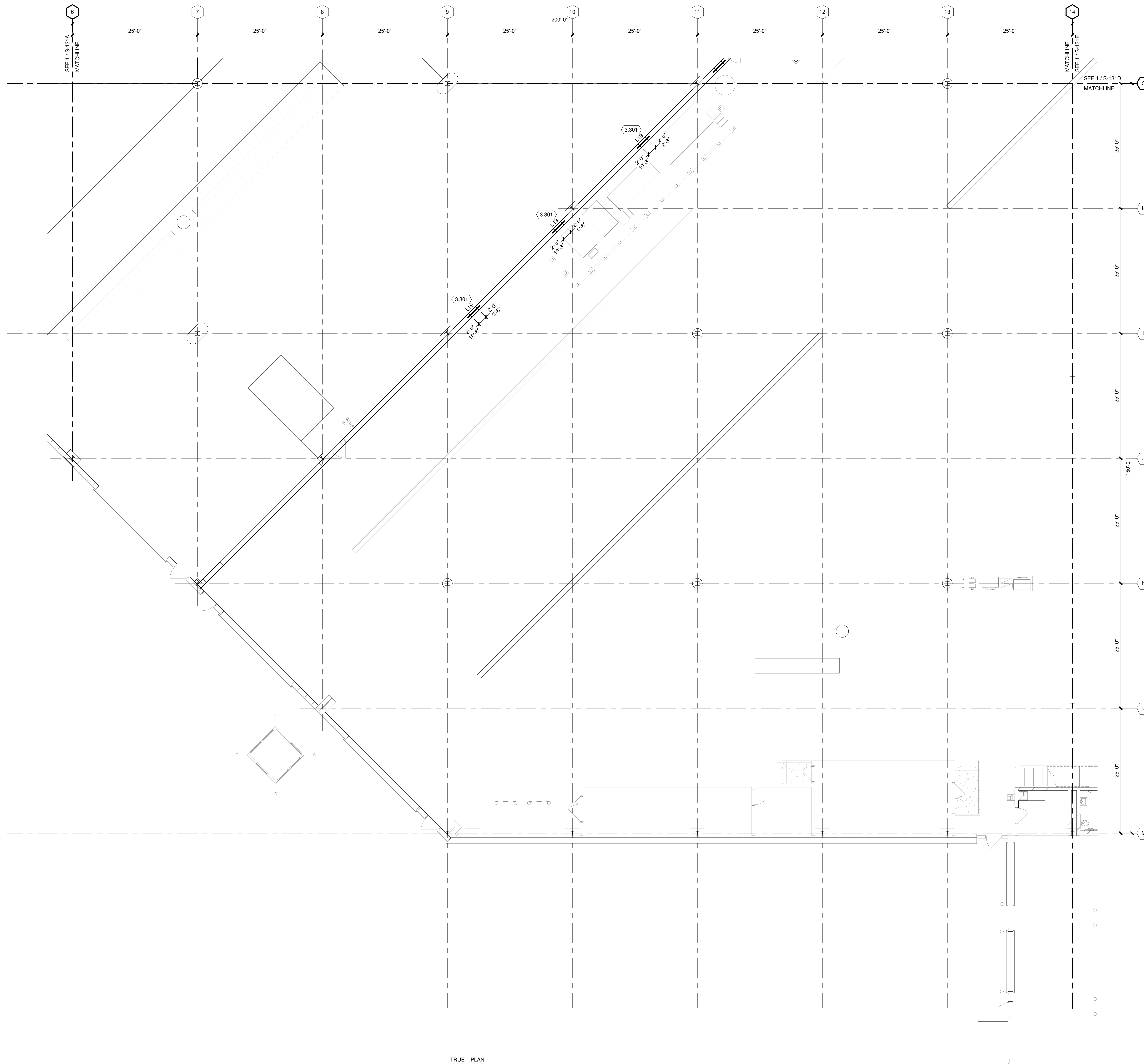
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SHEET CONTENTS
STRUCTURAL FIRST FLOOR PLAN - AREA B

SHEET NO.:

S-131B

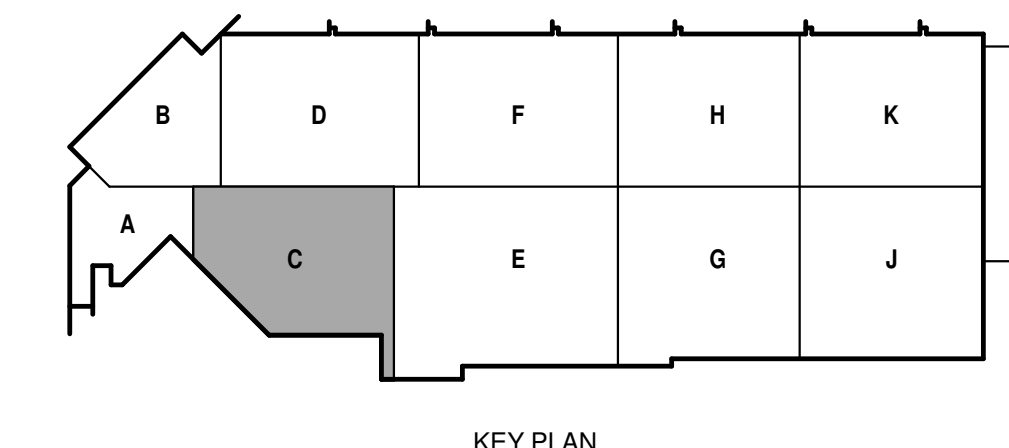


STRUCTURAL FLOOR PLAN GENERAL NOTES:

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
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11. ALL MASONRY WALL REINFORCEMENT SHALL BE FULL HEIGHT UNLESS NOTED OR DETAILED OTHERWISE.
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13. PROVIDE L19 LINTEL AT ALL MASONRY OPENINGS (NOT INDICATED EXCEEDING 1'-0" (4'-0" MAX) IN WIDTH. COORDINATE WITH ALL OTHER DISCIPLINES FOR LOCATION AND SIZE OF SUCH PENETRATIONS.
14. COORDINATE REQUIRED WALL PENETRATIONS WITH ALL OTHER DISCIPLINES TO AVOID PENETRATION OF STRUCTURAL MEMBERS AT LINTELS, TOP OF WALL, AND ANY OTHER STRUCTURAL ELEMENTS IN THE FIELD OF THE MASONRY WALL. NOTIFY ENGINEER PRIOR TO PENETRATION OF ANY STRUCTURAL MEMBERS INCLUDING, BUT NOT LIMITED TO, BOND BEAMS AND PORTIONS OF FULLY GROUTED MASONRY WALLS.
15. CONTROL JOINTS IN MASONRY SHALL NOT BE LOCATED CLOSER THAN 2'-0" TO THE EDGE OF MASONRY OPENINGS, UNLESS NOTED OTHERWISE.

KEYED NOTES

- 3.301 STACKED HVAC OPENINGS, PROVIDE TWO LINTELS AS INDICATED. COORDINATE FINAL LOCATION WITH HVAC AND IN-FIELD CONDITIONS.





**CITY OF MADISON
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SHEET CONTENTS
STRUCTURAL FIRST
FLOOR PLAN - AREA D

SHEET NO.:

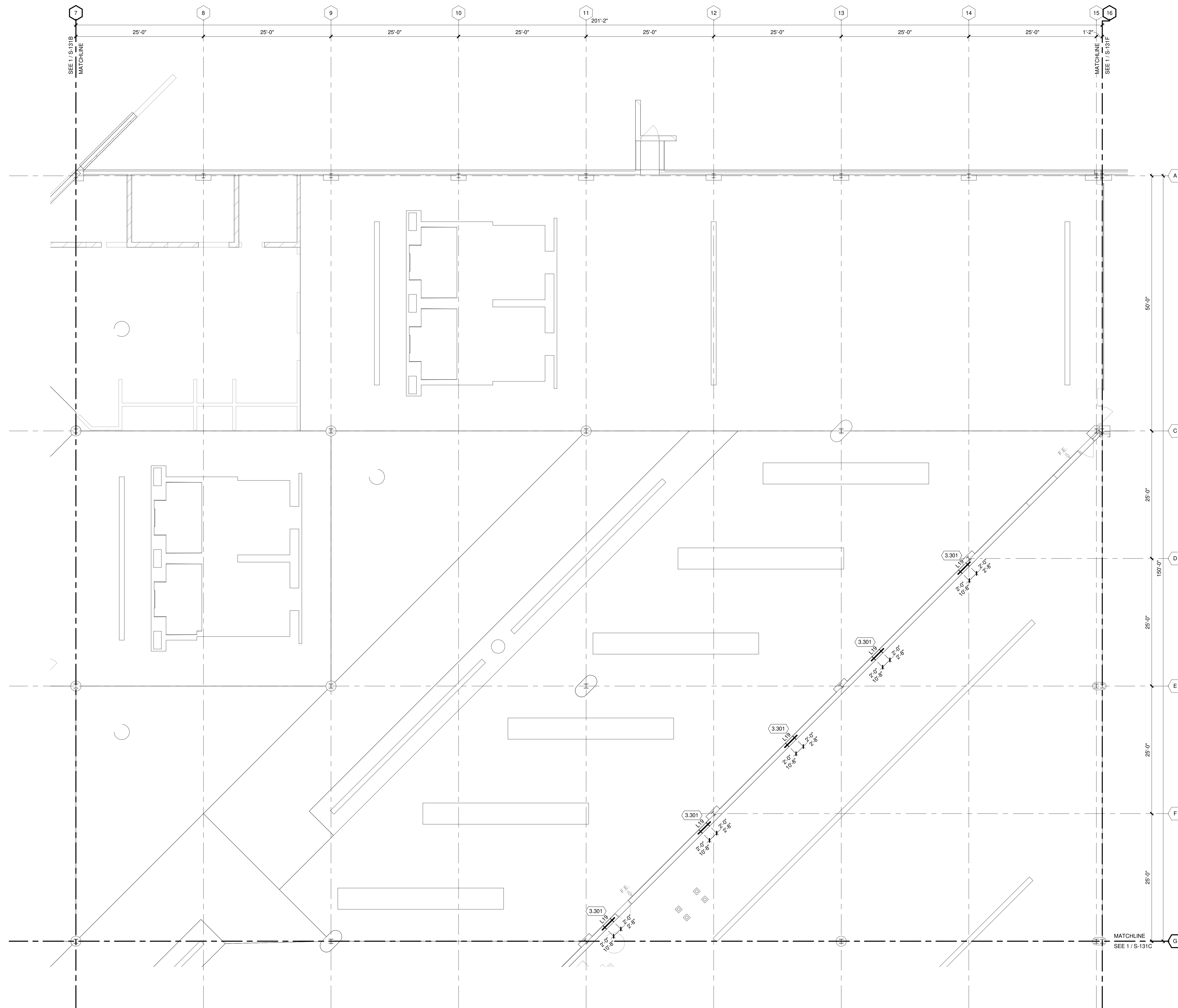
S-131D

STRUCTURAL FLOOR PLAN GENERAL NOTES:

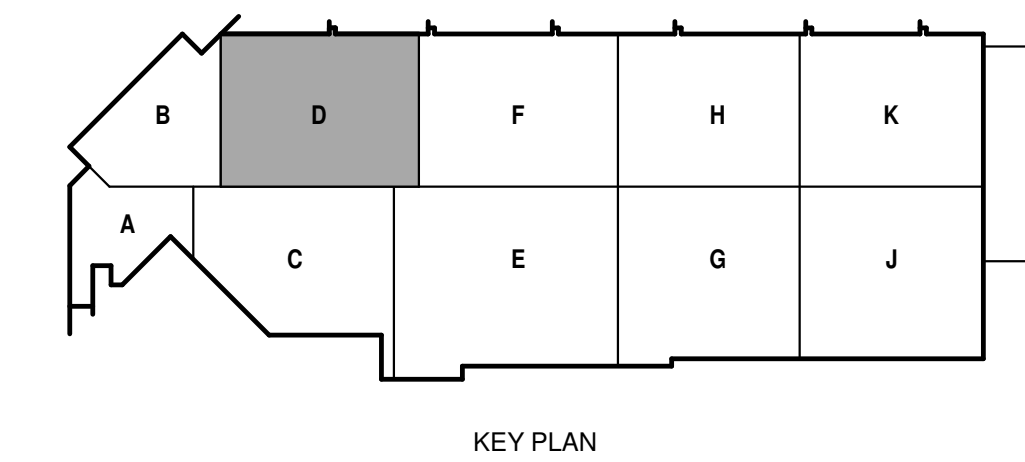
- REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
- REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
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KEYED NOTES

- 3.301 STACKED HVAC OPENINGS, PROVIDE TWO LINTELS AS INDICATED. COORDINATE FINAL LOCATION WITH HVAC AND IN-FIELD CONDITIONS.



TRUE PLAN NORTH NORTH
STRUCTURAL FIRST FLOOR PLAN - AREA D
1/8" = 1'-0"





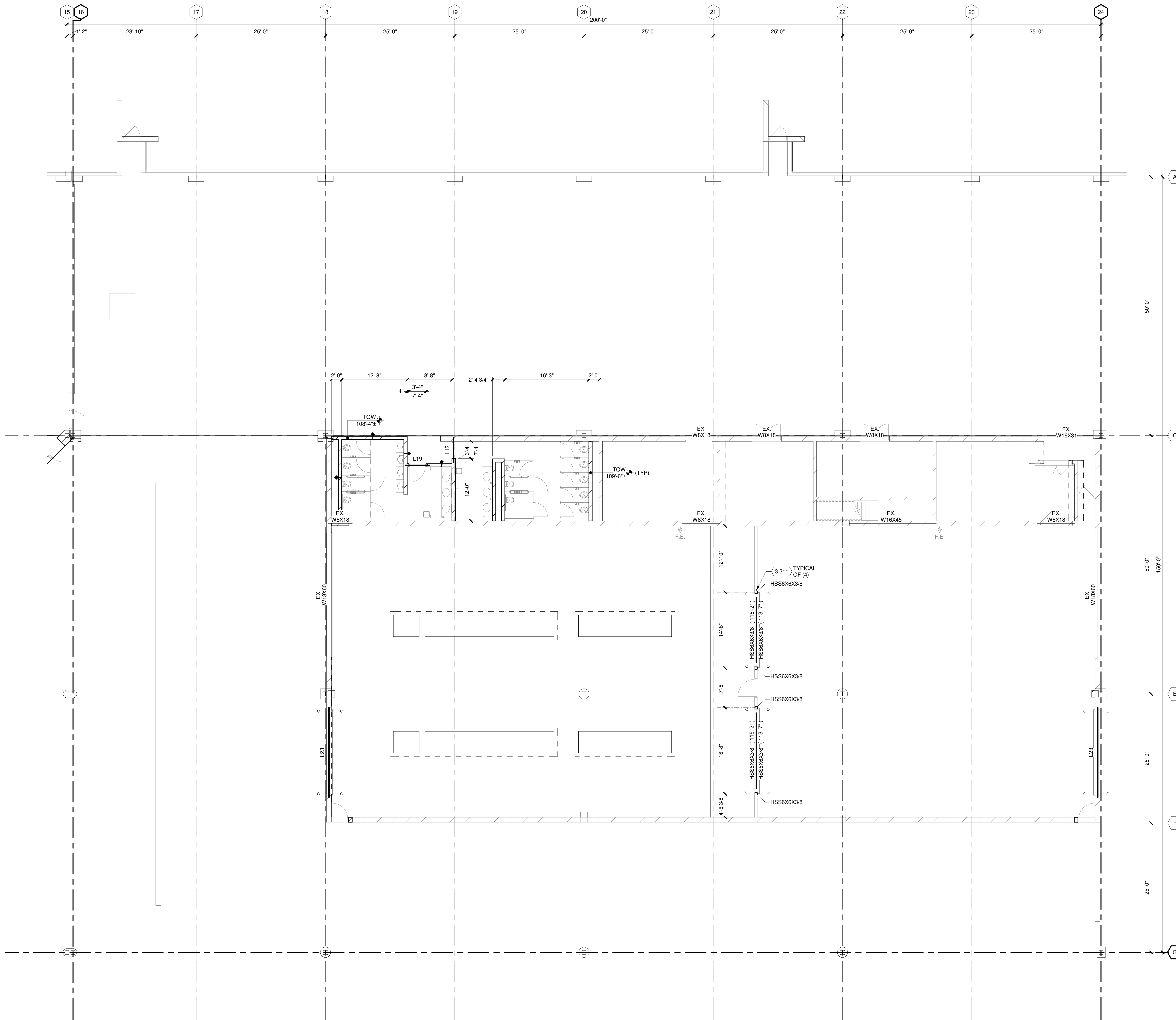
STRUCTURAL FLOOR PLAN GENERAL NOTES:

1. REFERENCE G-020 THROUGH G-039 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
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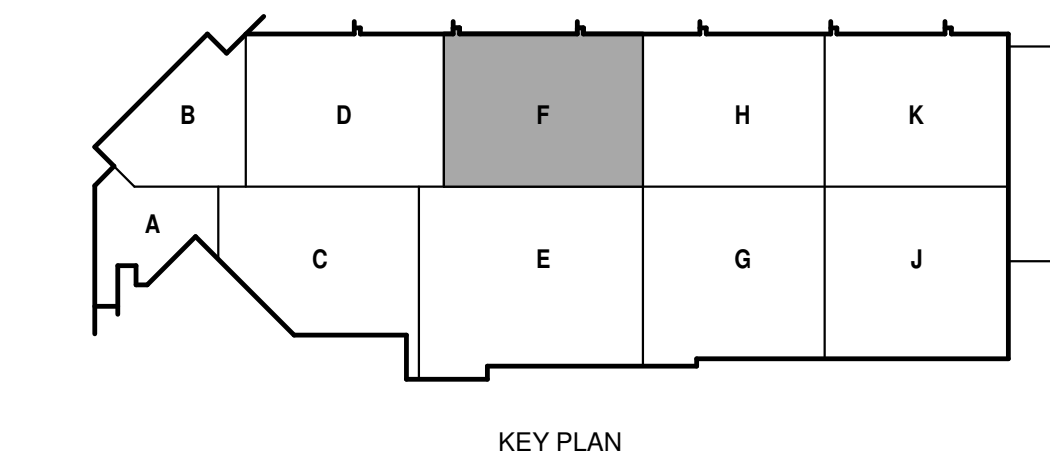
KEYED NOTES

- 3.311 NEW HSS JAMB COLUMN BEARING ON EXISTING FLOOR SLAB UP TO UNDERSIDE OF ROOF DECK. SEE DETAIL 8/S-941 FOR BASE PLATE AND ANCHORAGE.

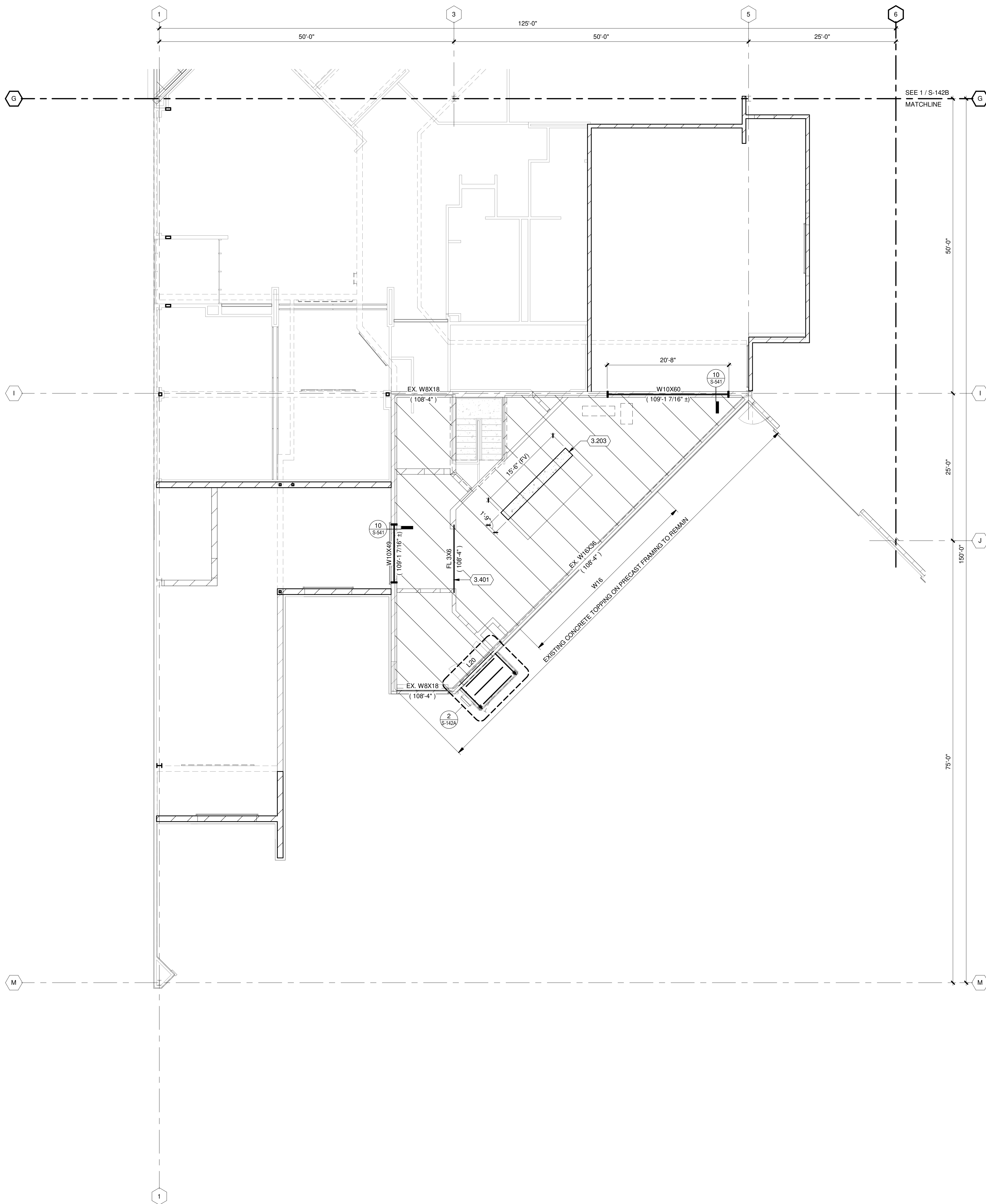
ALTERNATE NO. 1.
SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.



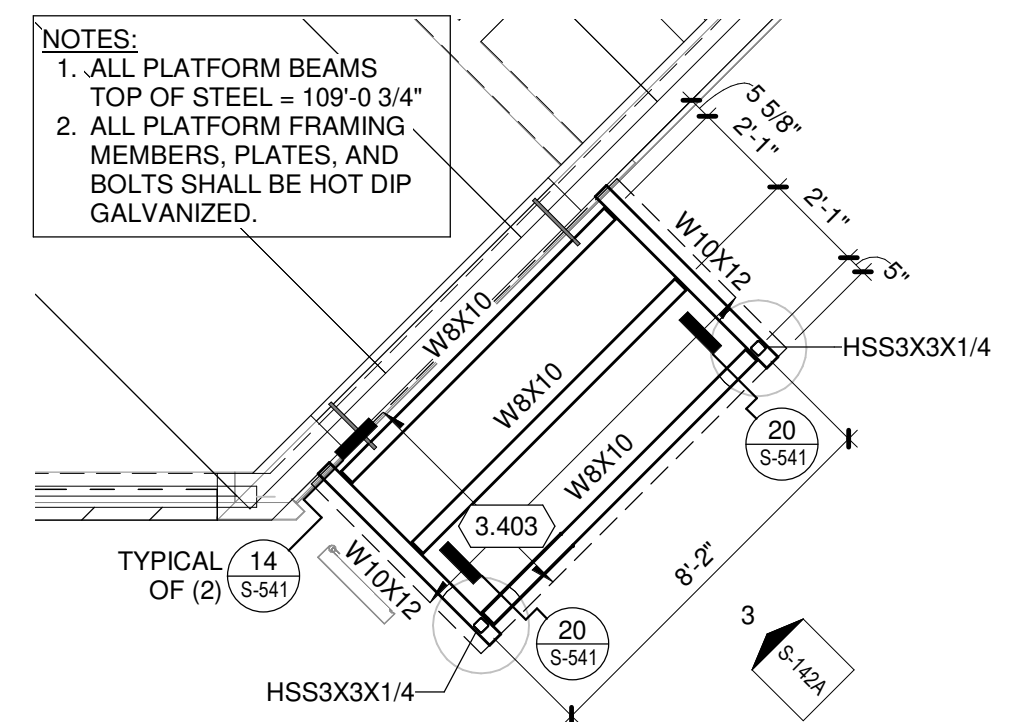
TRUE PLAN
NORTH NORTH
1
STRUCTURAL FIRST FLOOR PLAN - AREA F
1/8" = 1'-0"



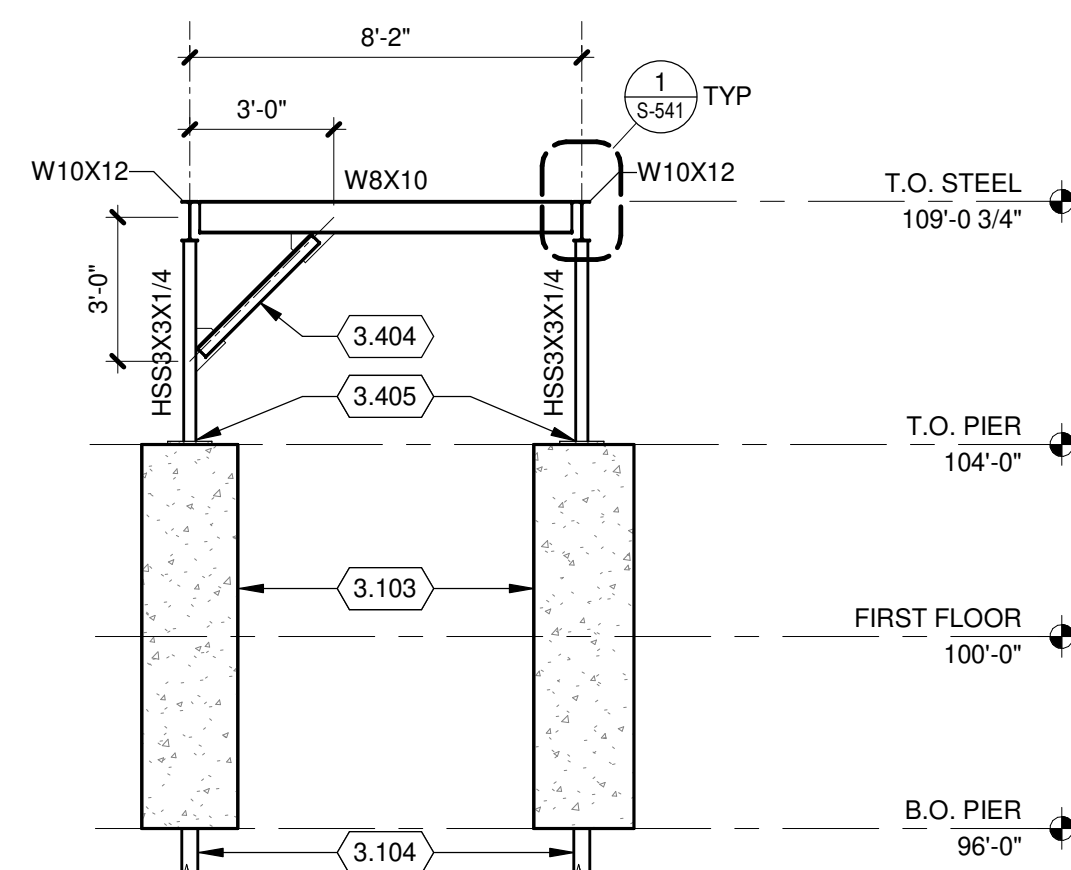
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TRUE PLAN NORTH NORTH
1 MEZZANINE FRAMING PLAN - AREA A
 1/8" = 1'-0"



TRUE PLAN NORTH NORTH
2 ENLARGED FRAMING PLAN
 1/4" = 1'-0"



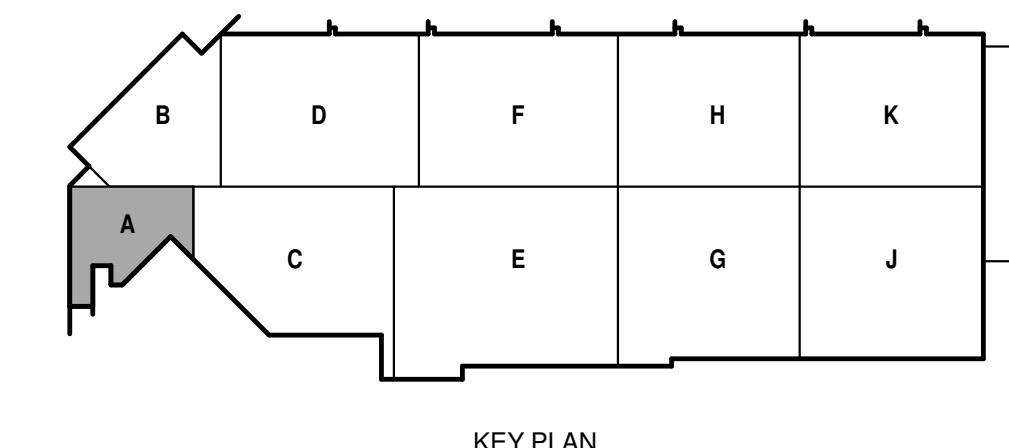
3 PLATFORM FRAMING ELEVATION
 1/4" = 1'-0"

FRAMING PLAN GENERAL NOTES:

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
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6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOGY.
7. REFER TO SHEET S-541 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.

KEYED NOTES

- 3.103 24" DIAMETER CONCRETE PIER, FULL 8'-0" HEIGHT TO BE POURED AT THE SAME TIME. REINFORCING SHALL BE (5) #5 VERTICAL BARS, #3 TIES SPACED AT 12" VERTICALLY, AND TRIPLE TOP TIE IN THE TOP 12" OF PIER. DOME TOP OF PIER WITH SLOPE OF 1/4" PER FOOT MINIMUM.
- 3.104 HELICAL PIER, 10 KIP COMPRESSION CAPACITY.
- 3.203 NEW EQUIPMENT PAD EXTENSION TO EXISTING. SEE DETAIL 13'S-511. MATCH ELEVATION OF EXISTING PAD.
- 3.401 NEW 6X3 STEEL BAR FLATWISE, GR 36 MINIMUM.
- 3.403 BAR GRATING 1-1/4" X 18" BEARING BARS AT 15/16" O.C. SPACING. CROSS RODS AT 2" O.C. CROSS RODS WELDED. HOT DIP GALVANIZED. CONNECT GRATING TO SUPPORT BEAMS WITH HOT DIP GALVANIZED G-CLIPS. NO FIELD DRILLING ALLOWED.
- 3.404 2L3X2X1/4 LBB BRACE BOLTED TO 3/8" GUSSET PLATE EACH END WITH (2) 3/4" DIAMETER A325 SLIP CRITICAL BOLTS.
- 3.405 3/4" THICK COLUMN BASE PLATE (SEE DETAIL 7'S-541), WITH (3) 3/4" DIAMETER CAST IN PLACE HEADED ANCHOR RODS, HOT DIP GALVANIZED. NO GROUT BED.



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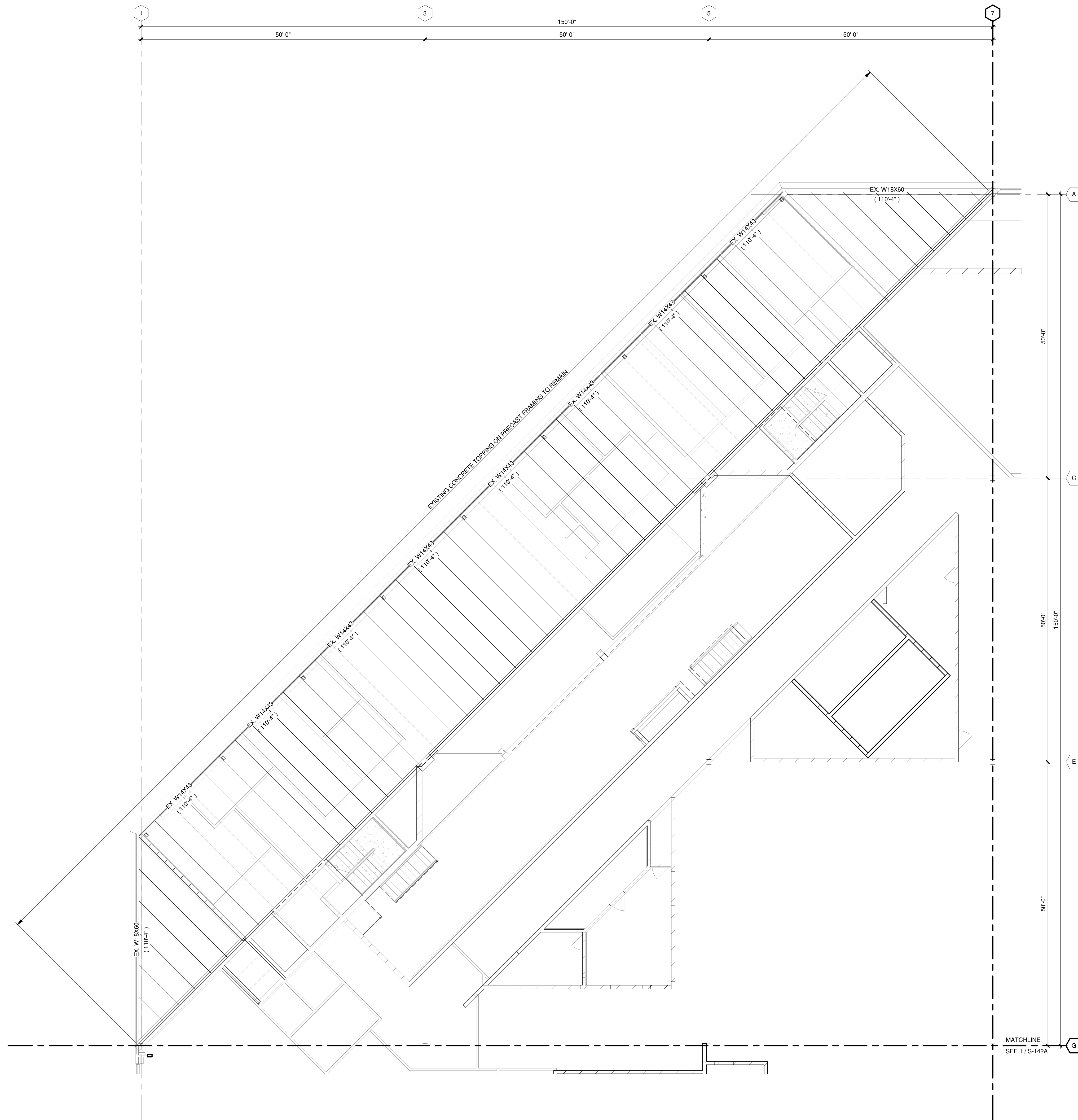
CITY OF MADISON
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SHEET CONTENTS
 MEZZANINE FRAMING PLAN - AREA A

SHEET NO.:

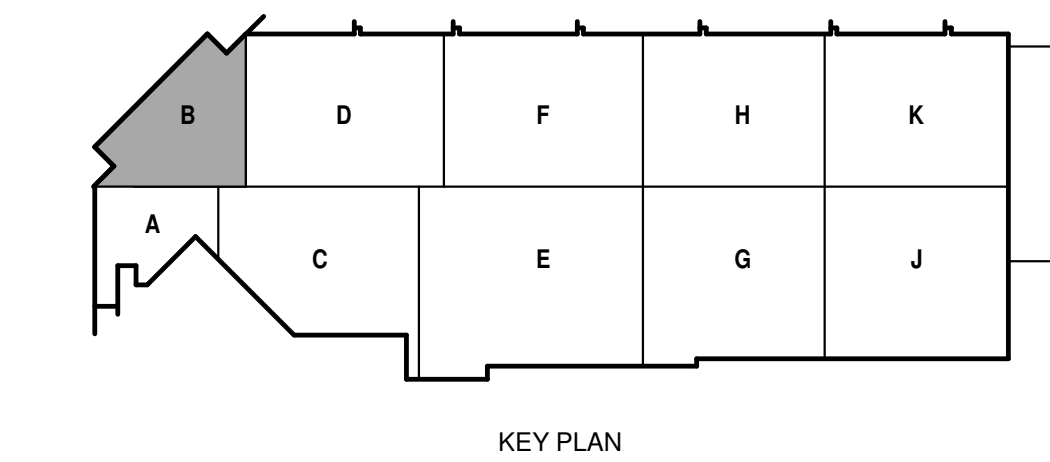


FRAMING PLAN GENERAL NOTES:

1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
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6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
7. REFER TO SHEET S-541 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.

KEYED NOTES

TRUE PLAN NORTH NORTH
 **1**
SECOND FLOOR FRAMING PLAN - AREA B
 1/8" = 1'-0"



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SHEET CONTENTS
SECOND FLOOR FRAMING PLAN - AREA B

SHEET NO.:

S-142B



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SHEET CONTENTS
MEZZANINE
FRAMING PLAN -
AREA F

SHEET NO.:

S-142F

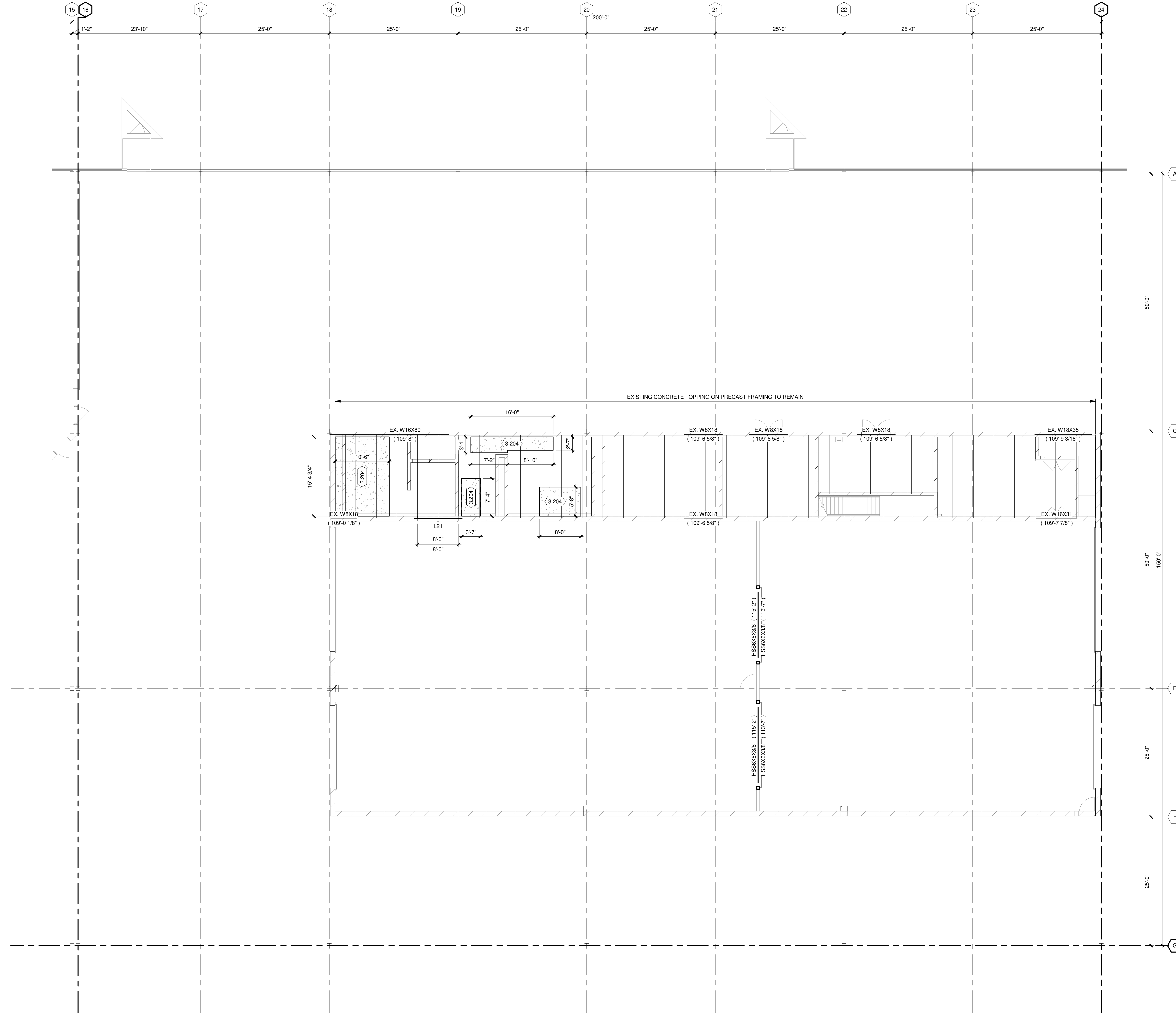
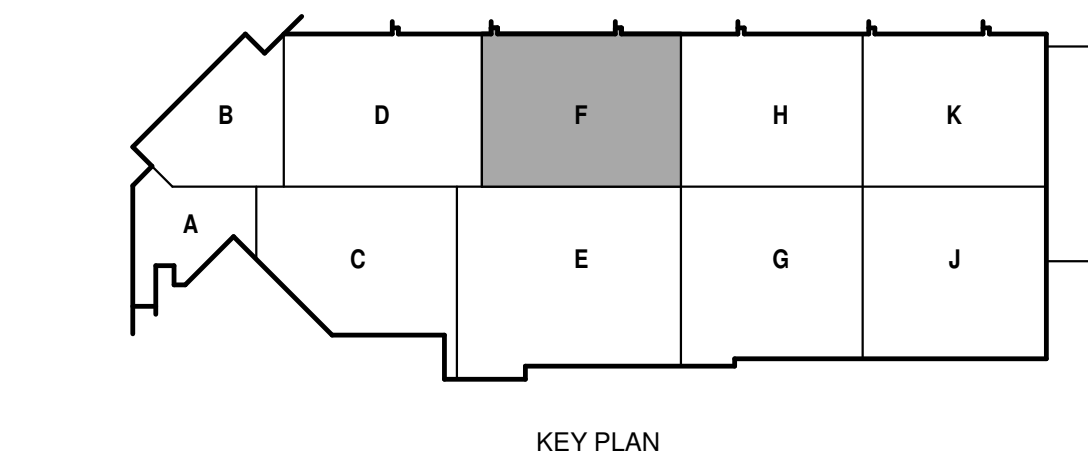
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1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
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6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLLOGY.
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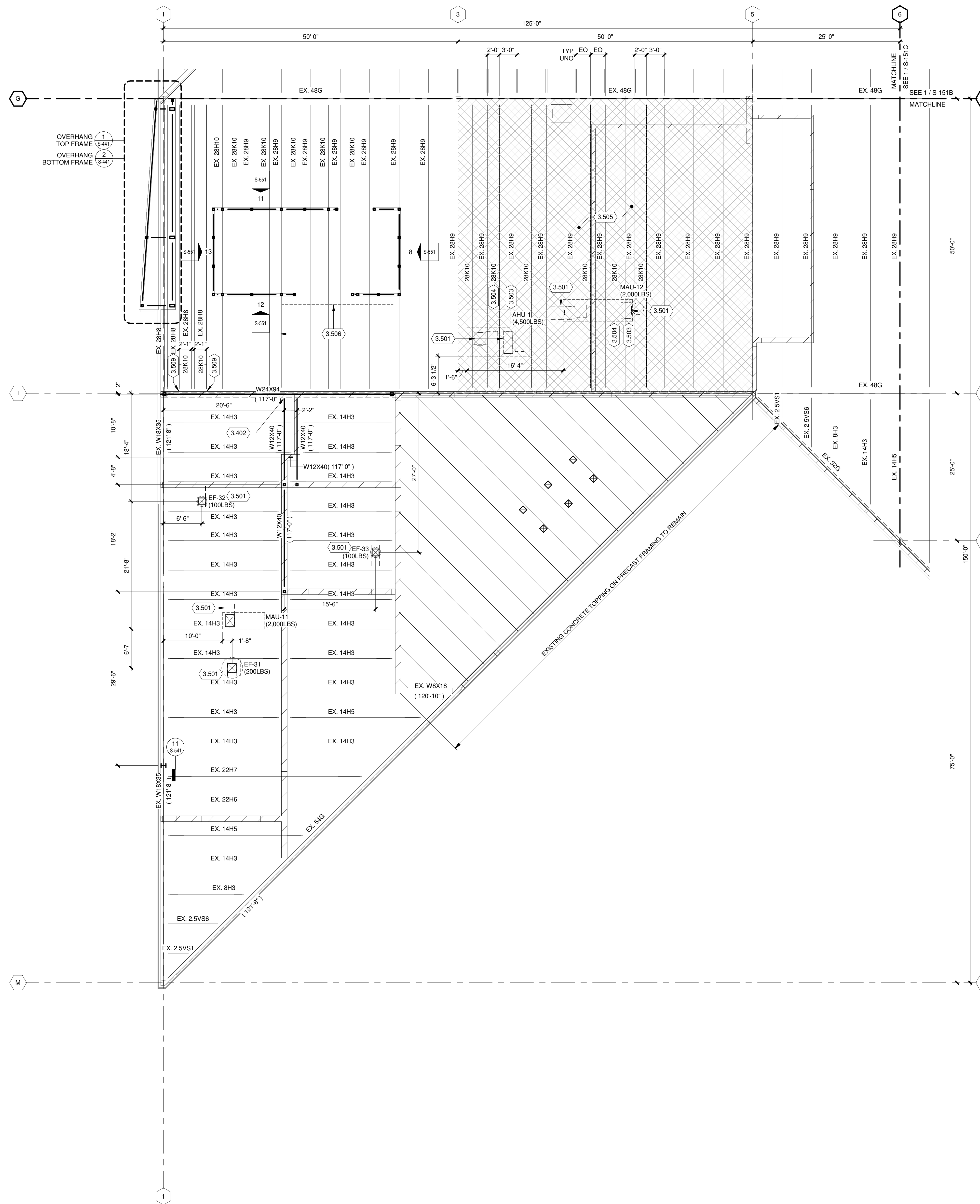
- 3.204 NEW EQUIPMENT PAD, SEE DETAIL 13/S-511. COORDINATE EXACT SIZE AND LOCATION WITH CORRESPONDING EQUIPMENT SUPPLIER.

ALTERNATE NO. 1.
SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.



TRUE PLAN
NORTH NORTH
MEZZANINE FRAMING PLAN - AREA F
1/8" = 1'-0"

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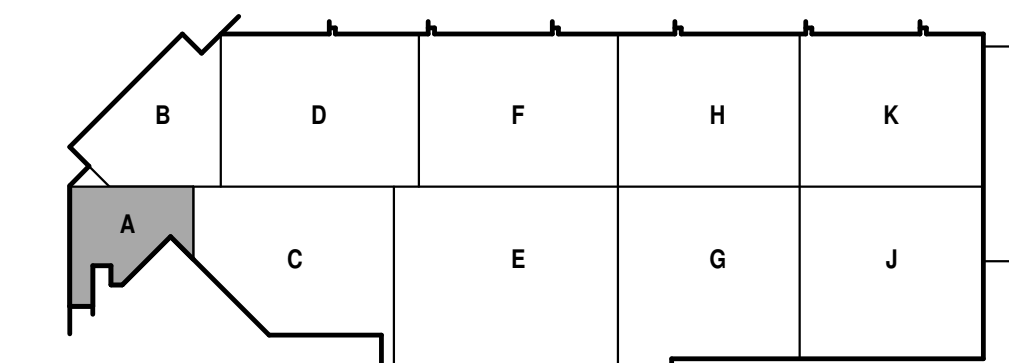
TRUE PLAN NORTH NORTH
1 ROOF FRAMING PLAN - AREA A
 1/8" = 1'-0"

ROOF FRAMING PLAN GENERAL NOTES:

- REFERENCE G-020 THROUGH G-039 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
- REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
- REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
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- FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
- REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
- REFER TO SHEET S-010 FOR ROOF LOADING PLAN AND SPECIAL JOIST LOADING REQUIREMENTS.
- REFER TO SHEETS S-541 AND S-551 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
- MINIMUM JOIST BEARING LENGTH REQUIREMENTS ARE AS FOLLOWS UNLESS NOTED OR DETAILED OTHERWISE:
 - A. AT MASONRY WALLS
 - "K" SERIES - MINIMUM 4"
 - "KCS" SERIES - MINIMUM 4"
 - B. AT STEEL BEAMS
 - "K" SERIES - MINIMUM 2 1/2"
 - "KCS" SERIES - MINIMUM 2 1/2"
- ALL NEW JOISTS SHALL BE DESIGNED AND SUPPLIED WITH AT LEAST ONE MOMENT SPLICE. CONTRACTOR SHALL PROVIDE ADDITIONAL MOMENT SPLICES TO INSTALL SISTER JOIST AMONG EXISTING UTILITIES OR OTHER OBSTRUCTIONS. MOMENT SPLICES SHALL BE DESIGNED AND STAMPED BY PROFESSIONAL ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE AND REINSTALL ANYTHING IN THE WAY OF THE INSTALLATION OF NEW NEW JOISTS. MOMENT CONNECTIONS MUST BE SHOP FABRICATED.
- BRACE NEW JOISTS AT FIFTH POINTS PER DETAIL 10/S-551. NEW JOISTS SHALL BE DESIGNED FOR TOP CHORD BRACING AT THESE POINTS ONLY.
- REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST MUST BE DONE WITH NO LOAD ON ROOF. REMOVE BALLAST, SNOW, ICE AND WATER BEFORE REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST.
- CUT BRIDGING AND BRACING TO INSTALL NEW JOIST. REINSTALL BRIDGING AND BRACING TO ORIGINAL CONDITIONS OR SJI MINIMUM REQUIREMENTS WHICHEVER IS GREATER.
- BALLAST REMOVED MAY NOT BE PLACED ON OTHER AREAS OF ROOF. PILE BALLAST ON GROUND, AT LOCATION ON SITE, TO BE DETERMINED OWNER.
- NEW JOISTS DO NOT NEED TO BE DESIGNED FOR UPLIFT FORCE.
- FABRICATE JOIST WITH ZERO CAMBER. PROVIDE SHIMS IN SPLICE CONNECTION(S) TO ADJUST NEW JOIST TO EXISTING DECK SURFACE.
- PLACEMENT OF BALLAST SHALL NOT EXCEED 12PSF.
- VERIFY STEEL LAYOUT AND FIT UP WITH ALL NEW ROOF TOP UNITS.
- DESIGN AND SUPPLY NEW JOIST WITH SEAT DEPTH OF 2". FIELD VERIFY THAT EXISTING JOIST SEATS ARE 2 1/2" DEEP. PROVIDE AND INSTALL SHIMS UNDER NEW JOIST SEATS TO PUSH JOIST UP TIGHT TO UNDERSIDE OF EXISTING ROOF DECK.

KEYED NOTES

- SLIP CRITICAL BOLT CONNECTION.
- NEW FRAMED ROOF OPENING. REFER TO DETAIL 6/S-551. COORDINATE FINAL SIZE AND LOCATION WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.
- INSTALL STRUT IN EXISTING JOIST AT SUPPORT POINT FOR ROOF TOP UNIT PER DETAIL 1/S-551. TYPICAL AT EVERY EXISTING JOIST UNDER ROOF TOP UNIT.
- JOIST MANUFACTURER TO PROVIDE JOIST NODE IN NEW JOIST AT SUPPORT POINT FOR ROOF TOP UNIT. SUPPORT POINT OF ROOF TOP UNIT OCCURS AT EACH SIDE OF UNIT. TYPICAL AT EVERY JOIST UNDER ROOF TOP UNIT. LOAD FROM ROOF TOP UNIT = 7,777LBS.
- REMOVE BALLAST FROM THIS AREA BEFORE ADDING NEW JOISTS OR REINFORCING EXISTING FRAMING FOR AHU-1 AND MAU-12.
- LIFT PARTITION/SUPPORTS MUST BE SUSPENDED OFF ADJACENT 28K10'S. NO LOADS ALLOWED ON 28H9'S. LIFT PARTITIONS SHALL NOT EXCEED 172 PLF.
- AT NEW 28K10 JOIST. DEMO POCKET IN EXISTING MASONRY WALL TO CREATE BEARING TO MATCH DETAIL 10/S-551.



**CITY OF MADISON
 METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS**
 1101 EAST WASHINGTON AVE.
 MADISON, WI 53703

ISSUED
 04/08/21 BID SET

CONTRACT NO.: 8981
 RFP NO.: 4503500-190896.03
 DATE: APRIL 6, 2021
 DESIGNED BY: DXC
 DRAWN BY: NJB / MJE
 CHECKED BY: DRM

DO NOT SCALE DRAWINGS
 SHEET CONTENTS
 ROOF FRAMING PLAN - AREA A

SHEET NO.:

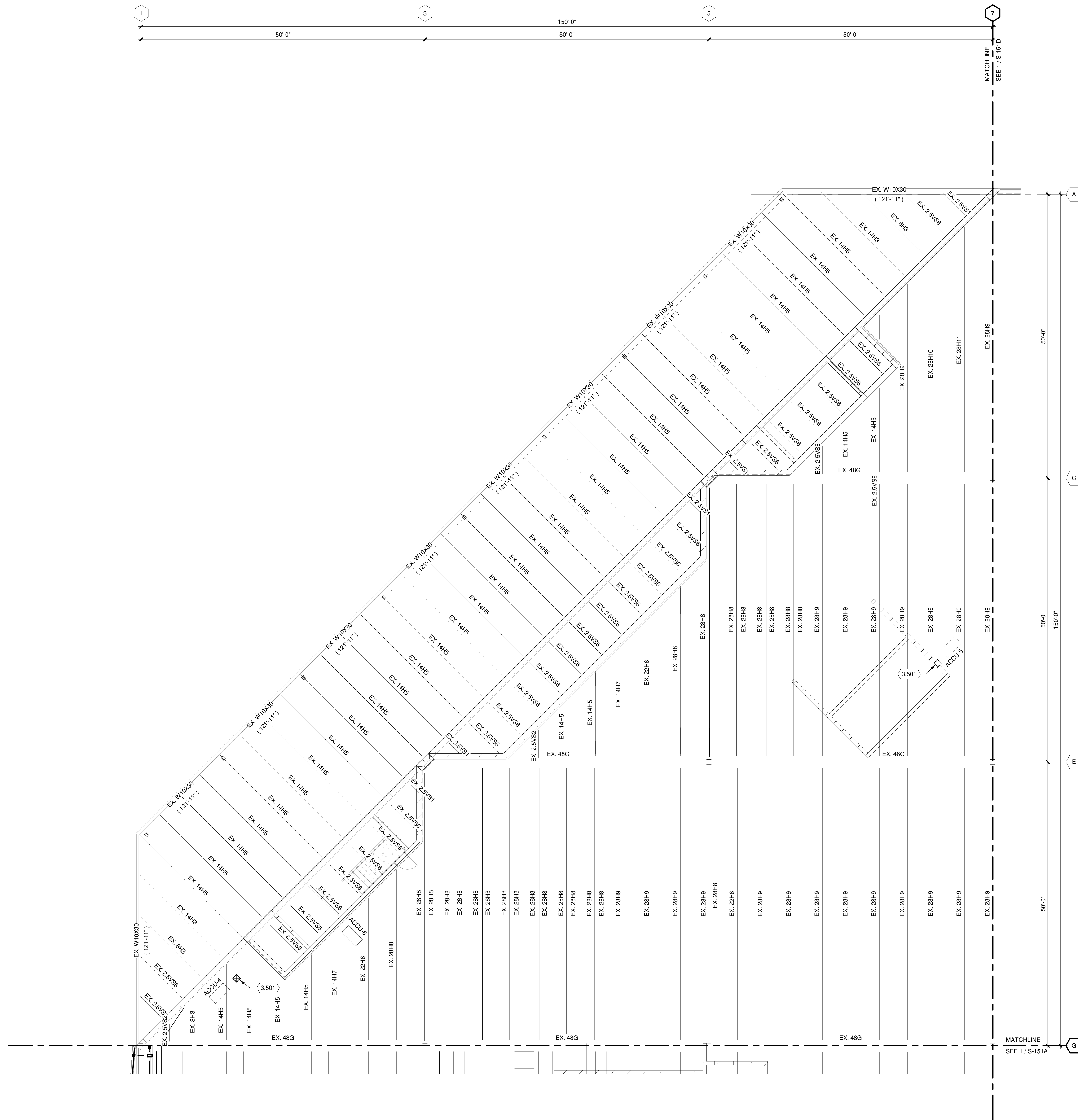
S-151A

ROOF FRAMING PLAN GENERAL NOTES:

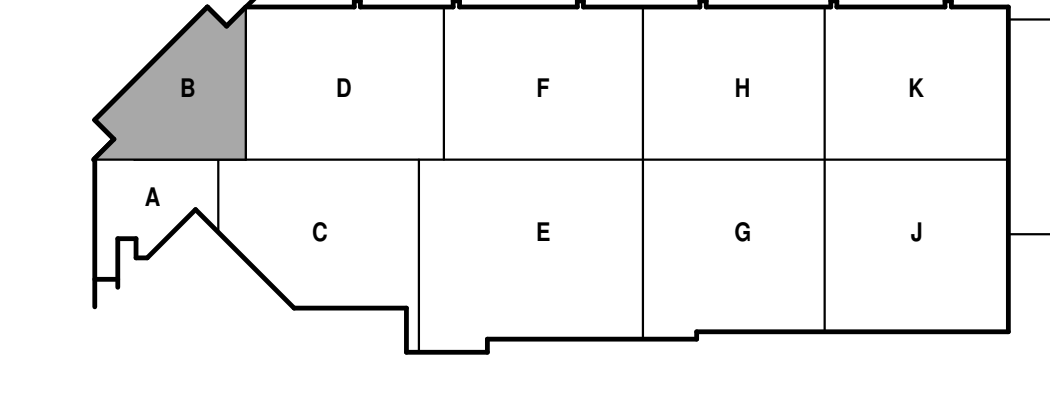
1. REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
2. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
3. REFERENCE G SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
4. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
6. REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMOLOGY.
7. REFER TO SHEET S-010 FOR ROOF LOADING PLAN AND SPECIAL JOIST LOADING REQUIREMENTS.
8. REFER TO SHEETS S-541 AND S-551 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
9. MINIMUM JOIST BEARING LENGTH REQUIREMENTS ARE AS FOLLOWS UNLESS NOTED OR DETAILED OTHERWISE:
 - A. AT MASONRY WALLS
 - "K" SERIES - MINIMUM 4"
 - "KCS" SERIES - MINIMUM 4"
 - B. AT STEEL BEAMS
 - "K" SERIES - MINIMUM 2 1/2"
 - "KCS" SERIES - MINIMUM 2 1/2"
10. ALL NEW JOISTS SHALL BE DESIGNED AND SUPPLIED WITH AT LEAST ONE MOMENT SPLICE. CONTRACTOR SHALL PROVIDE ADDITIONAL MOMENT SPLICES TO INSTALL SISTER JOIST AMONG EXISTING UTILITIES OR OTHER OBSTRUCTIONS. MOMENT SPLICES SHALL BE DESIGNED AND STAMPED BY PROFESSIONAL ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE AND REINSTALL ANYTHING IN THE WAY OF THE INSTALLATION OF NEW NEW JOISTS. MOMENT CONNECTIONS MUST BE SHOP FABRICATED.
11. BRACE NEW JOISTS AT FIFTH POINTS PER DETAIL 10/S-551. NEW JOISTS SHALL BE DESIGNED FOR TOP CHORD BRACING AT THESE POINTS ONLY.
12. REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST MUST BE DONE WITH NO LOAD ON ROOF. REMOVE BALLAST, SNOW, ICE AND WATER BEFORE REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST.
13. CUT BRIDGING AND BRACING TO INSTALL NEW JOIST. REINSTALL BRIDGING AND BRACING TO ORIGINAL CONDITIONS OR SJI MINIMUM REQUIREMENTS WHICHEVER IS GREATER.
14. BALLAST REMOVED MAY NOT BE PLACED ON OTHER AREAS OF ROOF. PILE BALLAST ON GROUND, AT LOCATION ON SITE, TO BE DETERMINED OWNER.
15. NEW JOISTS DO NOT NEED TO BE DESIGNED FOR UPLIFT FORCE.
16. FABRICATE JOIST WITH ZERO CAMBER. PROVIDE SHIMS IN SPLICE CONNECTION(S) TO ADJUST NEW JOIST TO EXISTING DECK SURFACE.
17. PLACEMENT OF BALLAST SHALL NOT EXCEED 12PSF.
18. VERIFY STEEL LAYOUT AND FIT UP WITH ALL NEW ROOF TOP UNITS.
19. DESIGN AND SUPPLY NEW JOIST WITH SEAT DEPTH OF 2". FIELD VERIFY THAT EXISTING JOIST SEATS ARE 2 1/2" DEEP. PROVIDE AND INSTALL SHIMS UNDER NEW JOIST SEATS TO PUSH JOIST UP TIGHT TO UNDERSIDE OF EXISTING ROOF DECK.

KEYED NOTES

- 3.501 NEW FRAMED ROOF OPENING. REFER TO DETAIL 0/S-551. COORDINATE FINAL SIZE AND LOCATION WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.



TRUE PLAN NORTH NORTH
1
ROOF FRAMING PLAN - AREA B
1/8" = 1'-0"



KEY PLAN



**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

ISSUED
04/08/21 BID SET

CONTRACT NO.: 8981
RFP NO.: 4503500-1908996.03
DATE: APRIL 8, 2021
DESIGNED BY: DXC
DRAWN BY: NJB / MJE
CHECKED BY: DRM
DO NOT SCALE DRAWINGS

SHEET CONTENTS
ROOF FRAMING
PLAN - AREA C

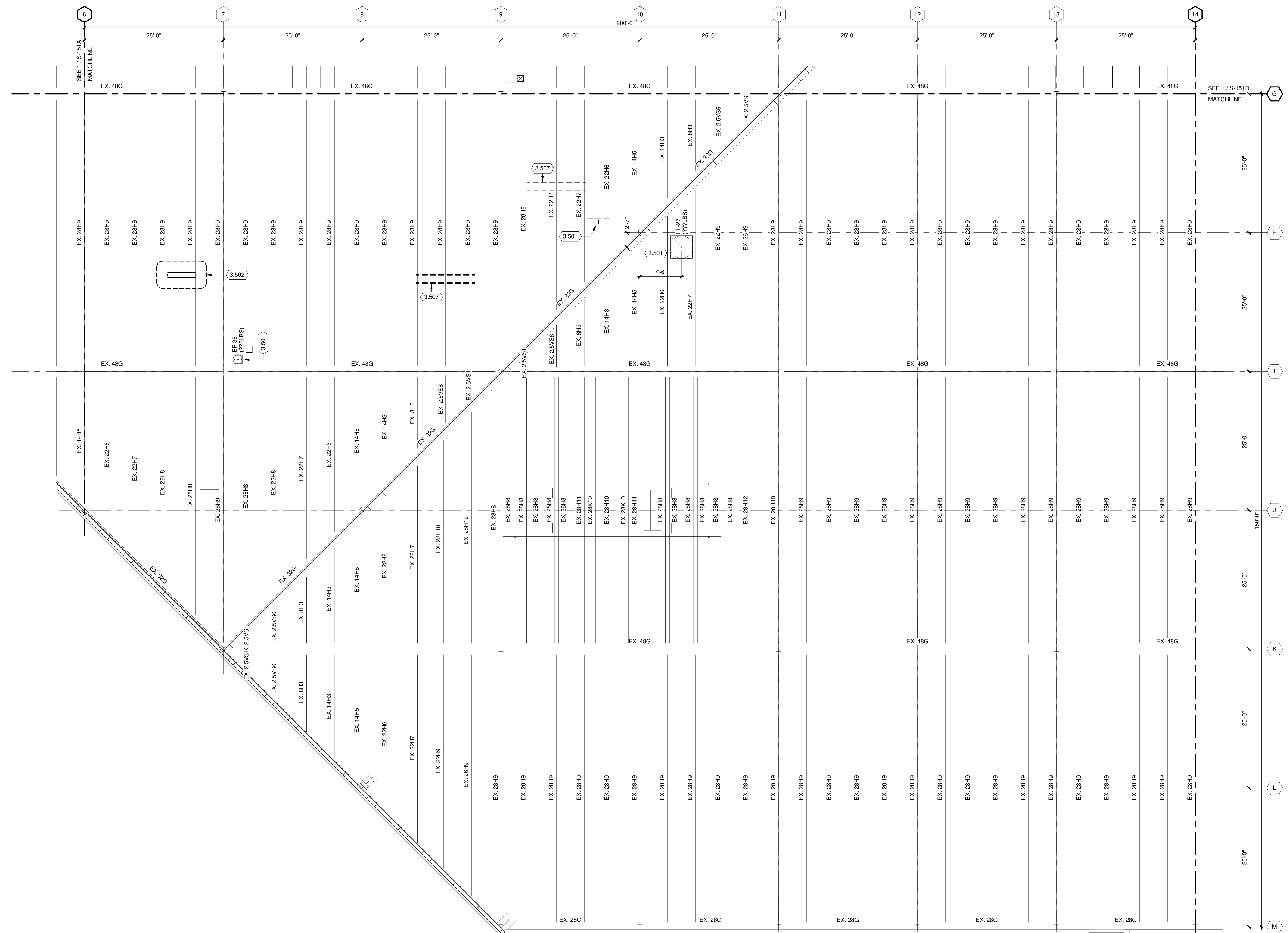
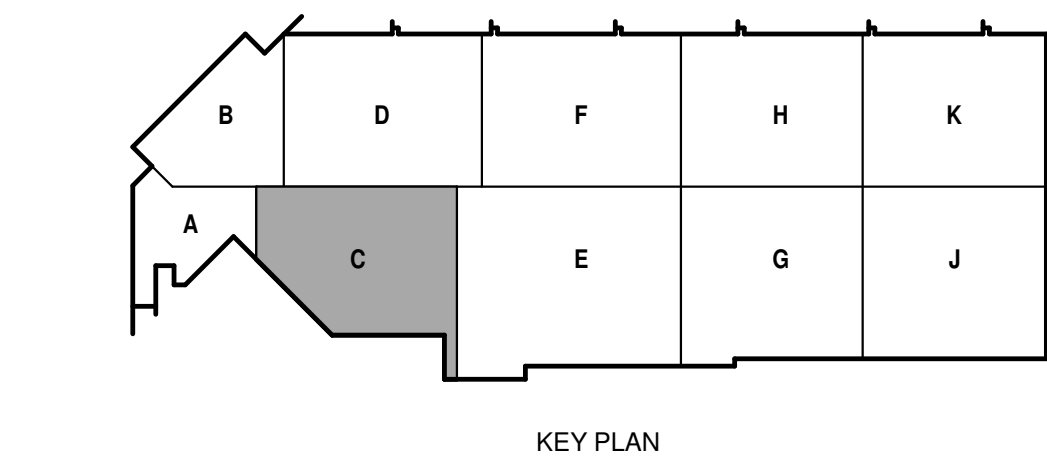
SHEET NO.:
S-151C

**ROOF FRAMING
PLAN GENERAL NOTES:**

- REFERENCE G-020 THROUGH G-039 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
- REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
- REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
- SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
- FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
- REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOLOGY.
- REFER TO SHEET S-010 FOR ROOF LOADING PLAN AND SPECIAL JOIST LOADING REQUIREMENTS.
- REFER TO SHEETS S-541 AND S-551 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
- MINIMUM JOIST BEARING LENGTH REQUIREMENTS ARE AS FOLLOWS UNLESS NOTED OR DETAILED OTHERWISE:
 - A. AT MASONRY WALLS
 - "K" SERIES - MINIMUM 4"
 - "KCS" SERIES - MINIMUM 4"
 - B. AT STEEL BEAMS
 - "K" SERIES - MINIMUM 2 1/2"
 - "KCS" SERIES - MINIMUM 2 1/2"
- ALL NEW JOISTS SHALL BE DESIGNED AND SUPPLIED WITH AT LEAST ONE MOMENT SPLICE. CONTRACTOR SHALL PROVIDE ADDITIONAL MOMENT SPLICES TO INSTALL SISTER JOIST AMONG EXISTING UTILITIES OR OTHER OBSTRUCTIONS. MOMENT SPLICES SHALL BE DESIGNED AND STAMPED BY PROFESSIONAL ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE AND REINSTALL ANYTHING IN THE WAY OF THE INSTALLATION OF NEW NEW JOISTS. MOMENT CONNECTIONS MUST BE SHOP FABRICATED.
- BRACE NEW JOISTS AT FIFTH POINTS PER DETAIL 10S-551. NEW JOISTS SHALL BE DESIGNED FOR TOP CHORD BRACING AT THESE POINTS ONLY.
- REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST MUST BE DONE WITH NO LOAD ON ROOF. REMOVE BALLAST, SNOW, ICE AND WATER BEFORE REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST.
- CUT BRIDGING AND BRACING TO INSTALL NEW JOIST. REINSTALL BRIDGING AND BRACING TO ORIGINAL CONDITIONS OR SJI MINIMUM REQUIREMENTS WHICHEVER IS GREATER.
- BALLAST REMOVED MAY NOT BE PLACED ON OTHER AREAS OF ROOF. PILE BALLAST ON GROUND, AT LOCATION ON SITE, TO BE DETERMINED OWNER.
- NEW JOISTS DO NOT NEED TO BE DESIGNED FOR UPLIFT FORCE.
- FABRICATE JOIST WITH ZERO CAMBER. PROVIDE SHIMS IN SPLICE CONNECTION(S) TO ADJUST NEW JOIST TO EXISTING DECK SURFACE.
- PLACEMENT OF BALLAST SHALL NOT EXCEED 12PSF.
- VERIFY STEEL LAYOUT AND FIT UP WITH ALL NEW ROOF TOP UNITS.
- DESIGN AND SUPPLY NEW JOIST WITH SEAT DEPTH OF 2". FIELD VERIFY THAT EXISTING JOIST SEATS ARE 2 1/2" DEEP. PROVIDE AND INSTALL SHIMS UNDER NEW JOIST SEATS TO PUSH JOIST UP TIGHT TO UNDERSIDE OF EXISTING ROOF DECK.

KEYED NOTES

- NEW FRAMED ROOF OPENING. REFER TO DETAIL 6S-551. COORDINATE FINAL SIZE AND LOCATION WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.
- NEW SUPPORT FRAMING FOR DESTRATIFICATION FAN. REFER TO DETAIL 7S-551. COORDINATE FINAL SIZE AND LOCATION WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.
- HOSE REEL SUSPENSION FRAMING. SEE DETAILS ON SHEET S-541.



TRUE PLAN
NORTH NORTH
ROOF FRAMING PLAN - AREA C
1/8" = 1'-0"

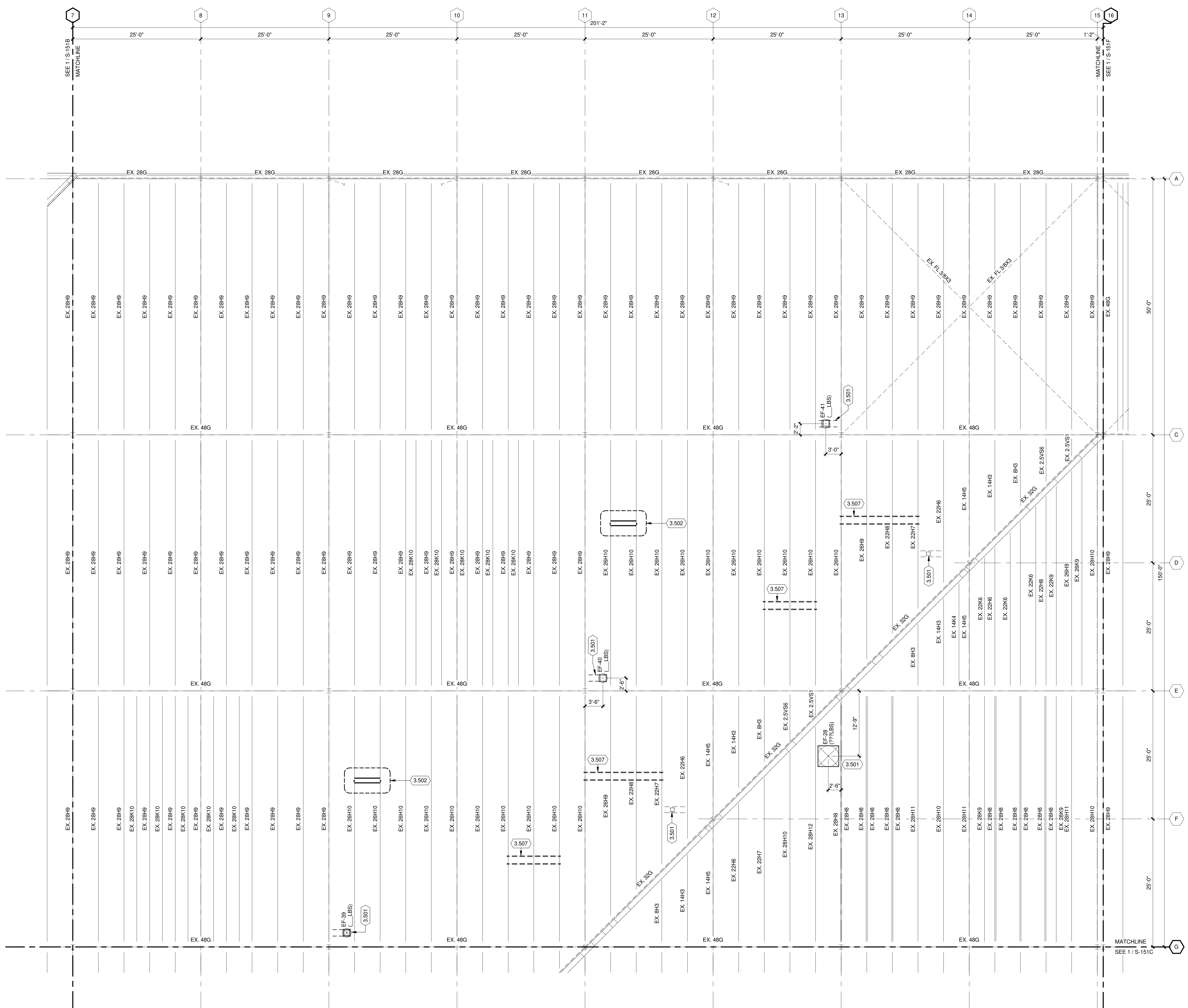
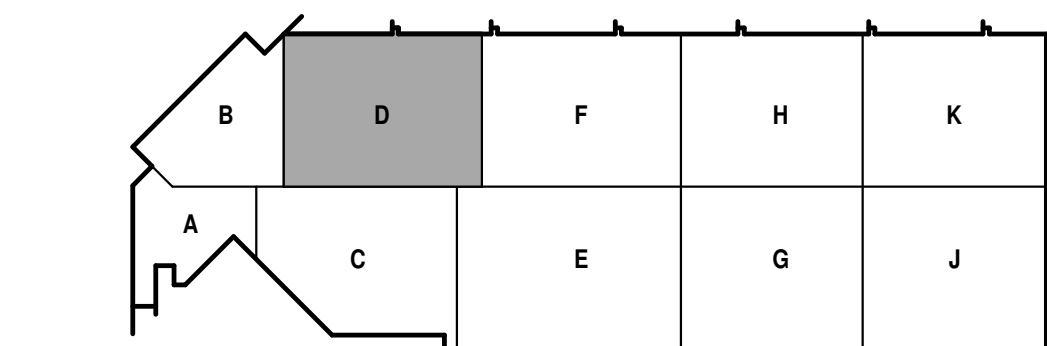


**ROOF FRAMING
PLAN GENERAL NOTES:**

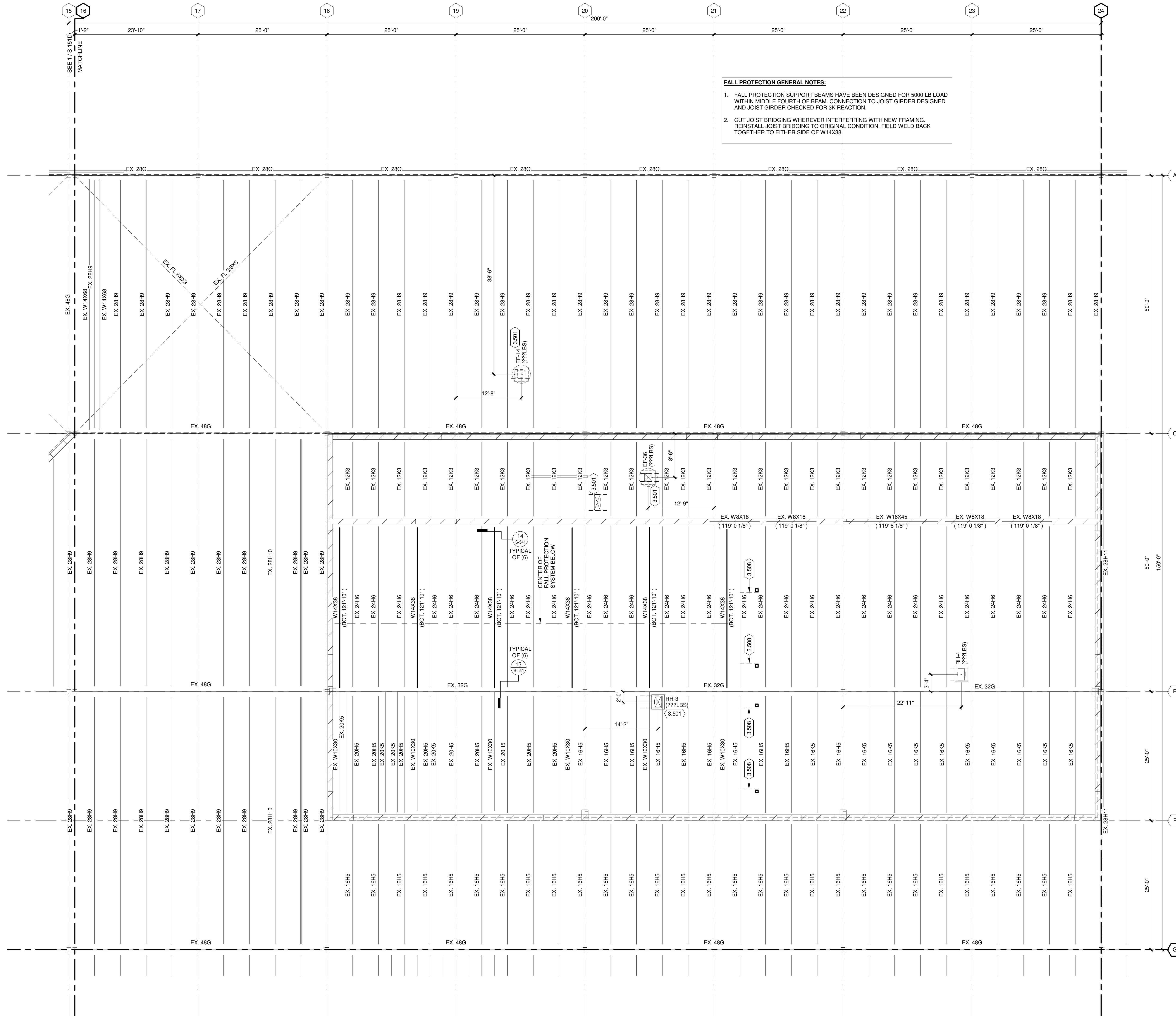
- REFERENCE G-020 THROUGH G-039 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
- REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
- REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
- SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN - ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
- FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
- REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOGY.
- REFER TO SHEET S-010 FOR ROOF LOADING PLAN AND SPECIAL JOIST LOADING REQUIREMENTS.
- REFER TO SHEETS S-541 AND S-551 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
- MINIMUM JOIST BEARING LENGTH REQUIREMENTS ARE AS FOLLOWS:
 - A. AT MASONRY WALLS
 - "K" SERIES - MINIMUM 4"
 - "KCS" SERIES - MINIMUM 4"
 - B. AT STEEL BEAMS
 - "K" SERIES - MINIMUM 2 1/2"
 - "KCS" SERIES - MINIMUM 2 1/2"
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- BRACE NEW JOISTS AT FIFTH POINTS PER DETAIL 10S-551. NEW JOISTS SHALL BE DESIGNED FOR TOP CHORD BRACING AT THESE POINTS ONLY.
- REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST MUST BE DONE WITH NO LOAD ON ROOF. REMOVE BALLAST, SNOW, ICE AND WATER BEFORE REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST.
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KEYED NOTES

- NEW FRAMED ROOF OPENING. REFER TO DETAIL 6/S-551. COORDINATE FINAL SIZE AND LOCATION WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.
- NEW SUPPORT FRAMING FOR DESTRATIFICATION FAN. REFER TO DETAIL 7/S-551. COORDINATE FINAL SIZE AND LOCATION WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.
- HOSE REEL SUSPENSION FRAMING. SEE DETAILS ON SHEET S-541.



TRUE PLAN
NORTH NORTH
1
ROOF FRAMING PLAN - AREA D
1/8" = 1'-0"



FALL PROTECTION GENERAL NOTES:

- FALL PROTECTION SUPPORT BEAMS HAVE BEEN DESIGNED FOR 5000 LB LOAD WITHIN MIDDLE FOURTH OF BEAM. CONNECTION TO JOIST GIRDER DESIGNED AND JOIST GIRDER CHECKED FOR 3K REACTION.
- CUT JOIST BRIDGING WHEREVER INTERFERING WITH NEW FRAMING. REINSTALL JOIST BRIDGING TO ORIGINAL CONDITION, FIELD WELD BACK TOGETHER TO EITHER SIDE OF W14X38.

ROOF FRAMING PLAN GENERAL NOTES:

- REFERENCE G-020 THROUGH G-030 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
- REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
- REFERENCE G-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
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- MINIMUM JOIST BEARING LENGTH REQUIREMENTS ARE AS FOLLOWS UNLESS NOTED OR DETAILED OTHERWISE:

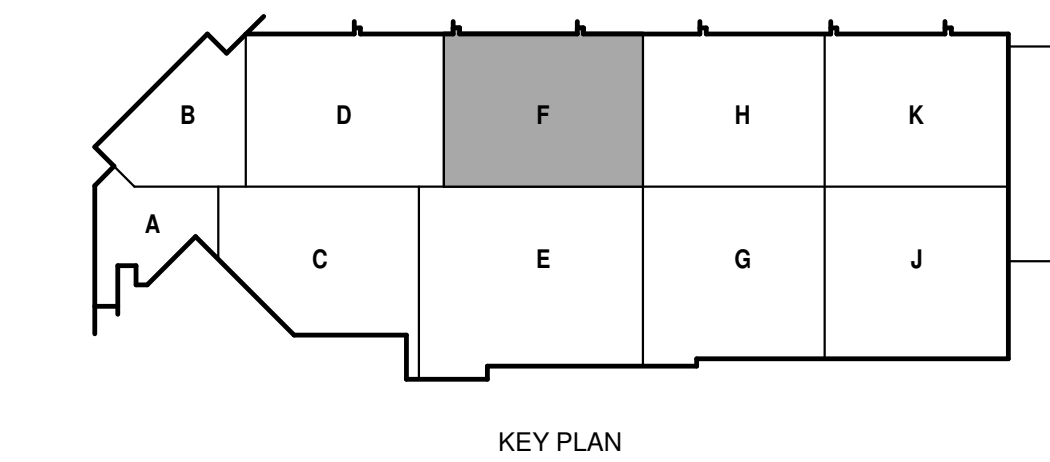
A. AT MASONRY WALLS	
• "K" SERIES	- MINIMUM 4"
• "KCS" SERIES	- MINIMUM 4"
B. AT STEEL BEAMS	
• "K" SERIES	- MINIMUM 2 1/2"
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- BRACE NEW JOISTS AT FIFTH POINTS PER DETAIL. 10'S-551. NEW JOISTS SHALL BE DESIGNED FOR TOP CHORD BRACING AT THESE POINTS ONLY.
- REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST MUST BE DONE WITH NO LOAD ON ROOF. REMOVE BALLAST, SNOW, ICE AND WATER BEFORE REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST.
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- VERIFY STEEL LAYOUT AND FIT UP WITH ALL NEW ROOF TOP UNITS.
- DESIGN AND SUPPLY NEW JOIST WITH SEAT DEPTH OF 2". FIELD VERIFY THAT EXISTING JOIST SEATS ARE 2 1/2" DEEP. PROVIDE AND INSTALL SHIMS UNDER NEW JOIST SEATS TO PUSH JOIST UP TIGHT TO UNDERSIDE OF EXISTING ROOF DECK.

KEYED NOTES

- 3.501 NEW FRAMED ROOF OPENING. REFER TO DETAIL G-03-551. COORDINATE FINAL SIZE AND LOCATION WITH EQUIPMENT SUPPLIER AND IN-FIELD CONDITIONS.
- 3.508 L2X2X3/16 BRACE TO TOP OF HSS JAMB COLUMN. ATTACH TO ROOF DECK WITH (12) #12 SCREWS, FIELD FILLET WELD TO HSS COLUMN. SEE SHEET S-131F FOR SIZE AND LOCATION OF JAMB COLUMN.

ALTERNATE NO. 1.
SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.

TRUE PLAN NORTH NORTH
1
ROOF FRAMING PLAN - AREA F
1/8" = 1'-0"



Mead & Hunt
Mead & Hunt, Inc.
2440 Deming Way
Middleton, WI 53562
phone: 608-273-6380
meadhunt.com

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CITY OF MADISON WISCONSIN

metro transit

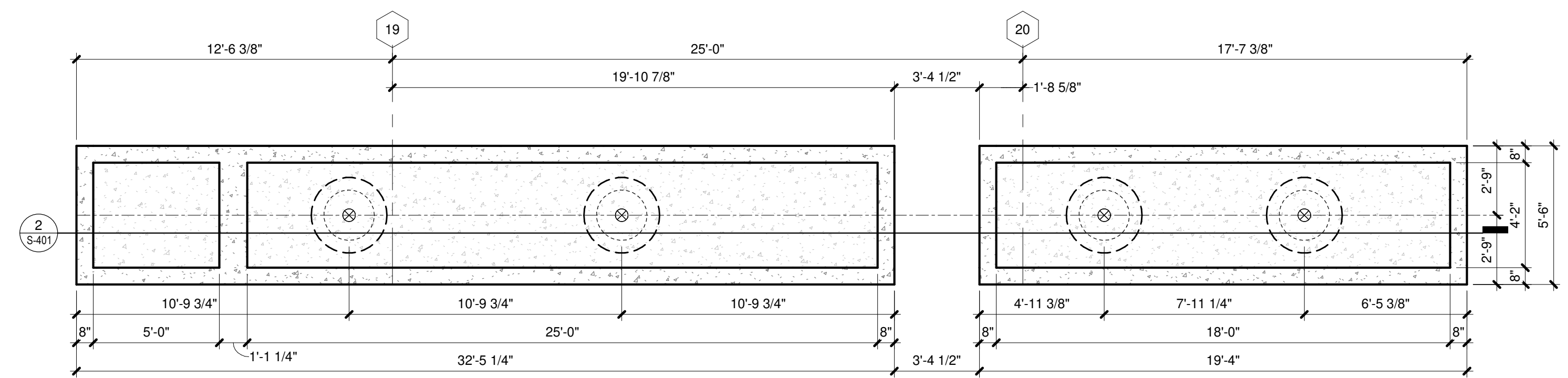
CITY OF MADISON METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703

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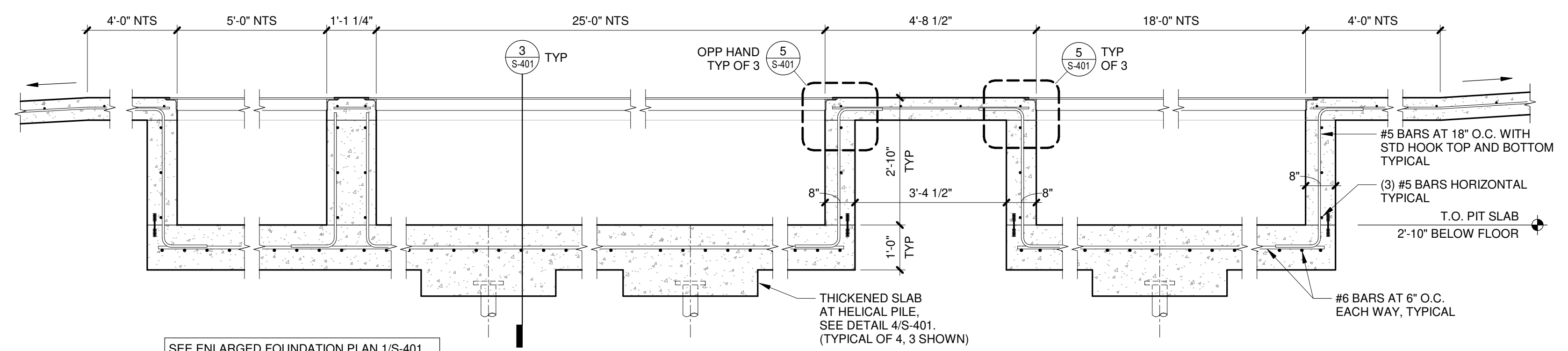
CONTRACT NO.: 8981
RFP NO.: A503500-1908996.03
DATE: APRIL 6, 2021
DESIGNED BY: DXC
DRAWN BY: NJB / MJE
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DO NOT SCALE DRAWINGS

SHEET CONTENTS
ROOF FRAMING PLAN - AREA F

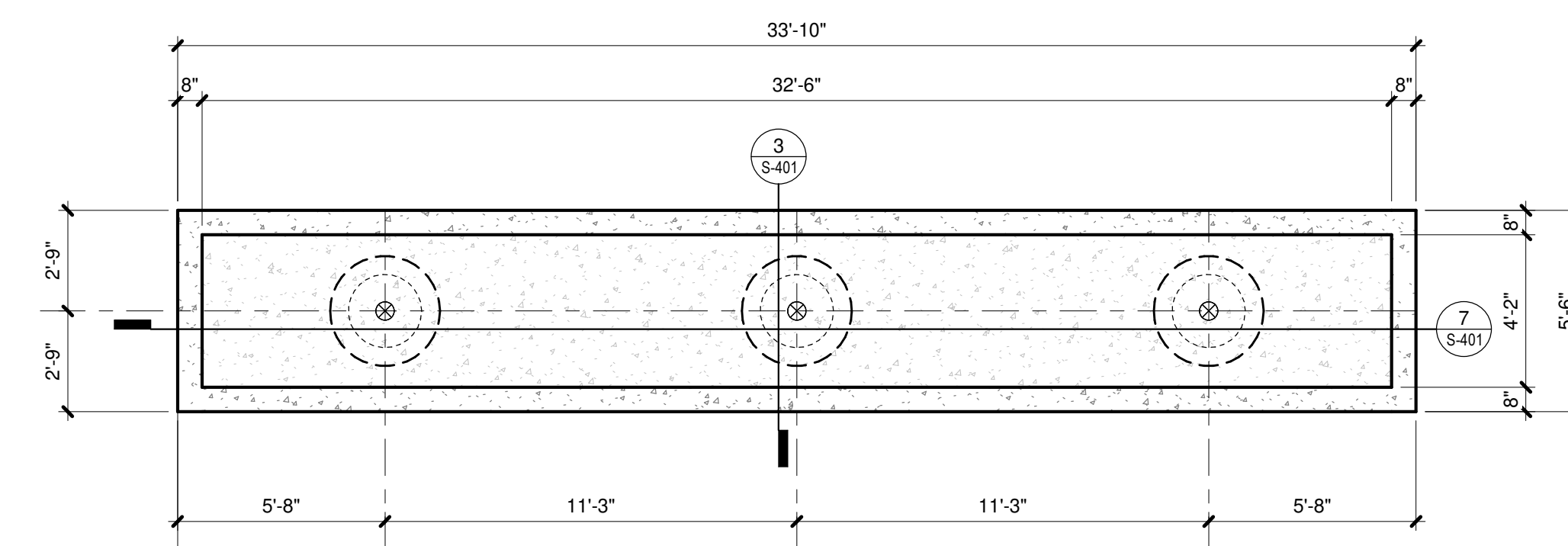
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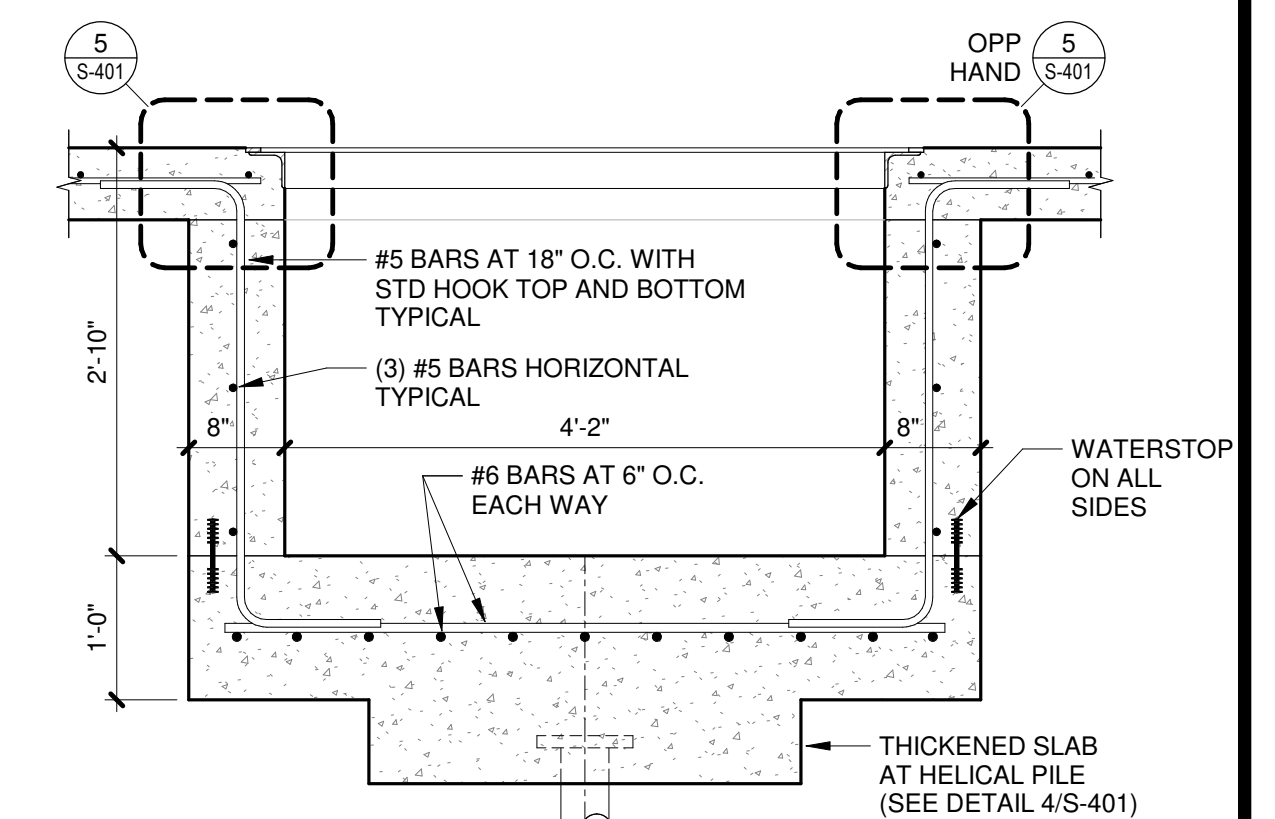
1 ENLARGED FOUNDATION PLAN - LIFT
1/4" = 1'-0"



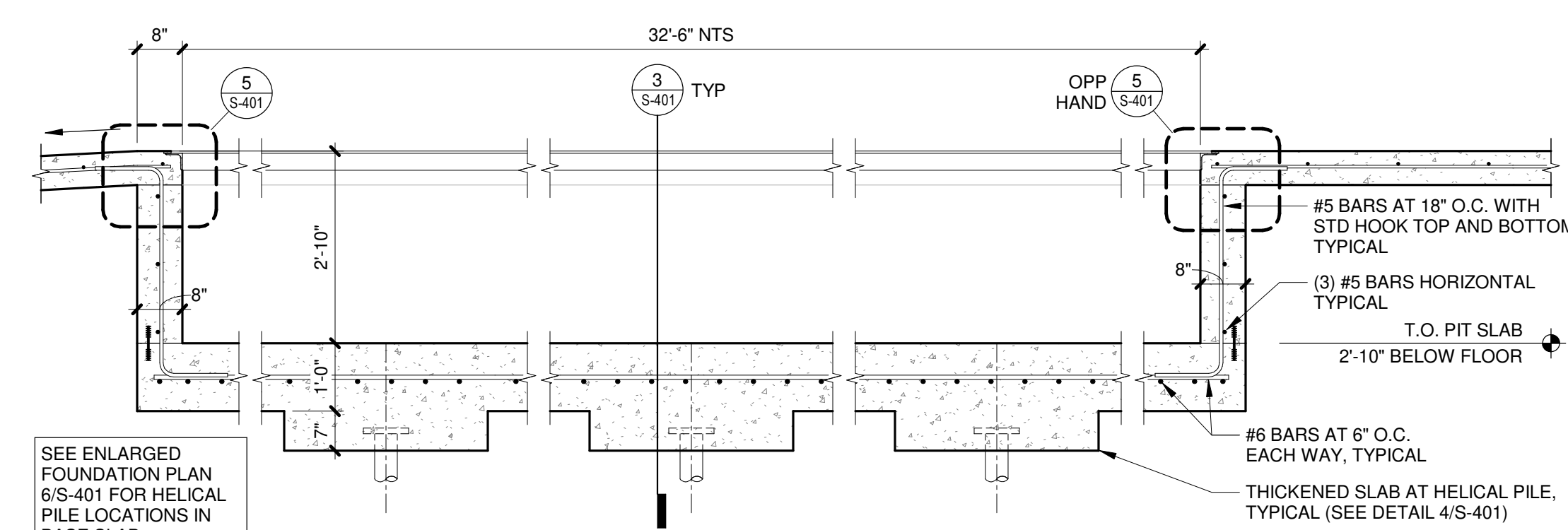
2 FOUNDATION SECTION - LIFT
1/2" = 1'-0"



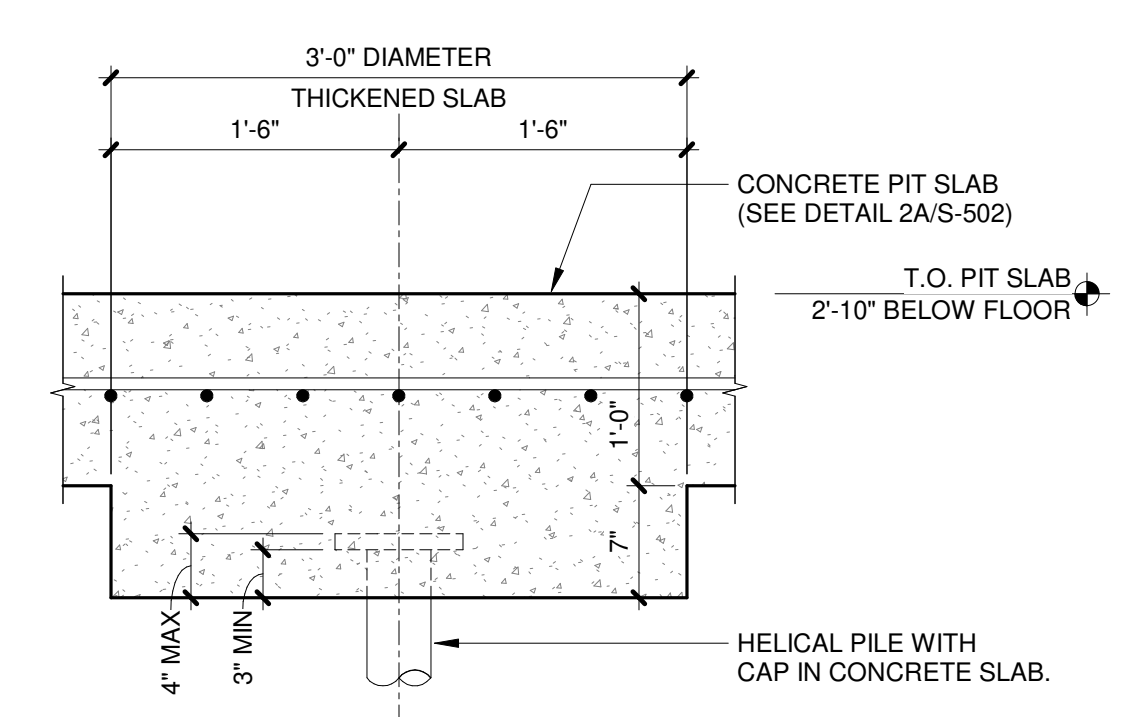
6 ENLARGED FOUNDATION PLAN - ECO 60-13 LIFT
1/4" = 1'-0"



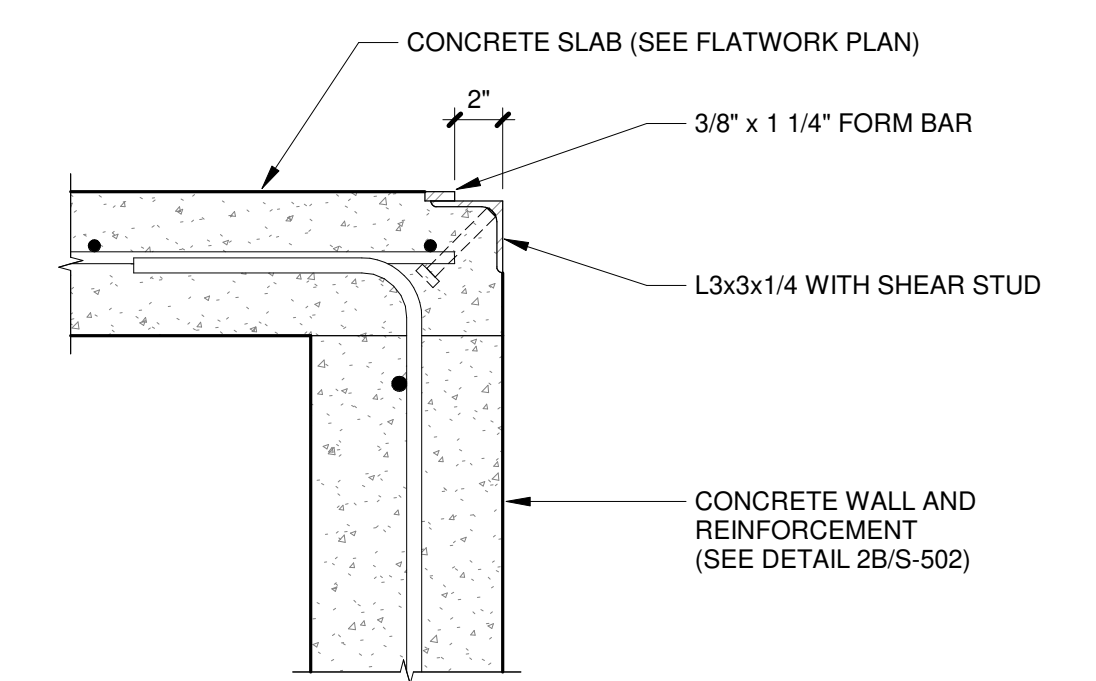
3 FOUNDATION SECTION - LIFTS
3/4" = 1'-0"



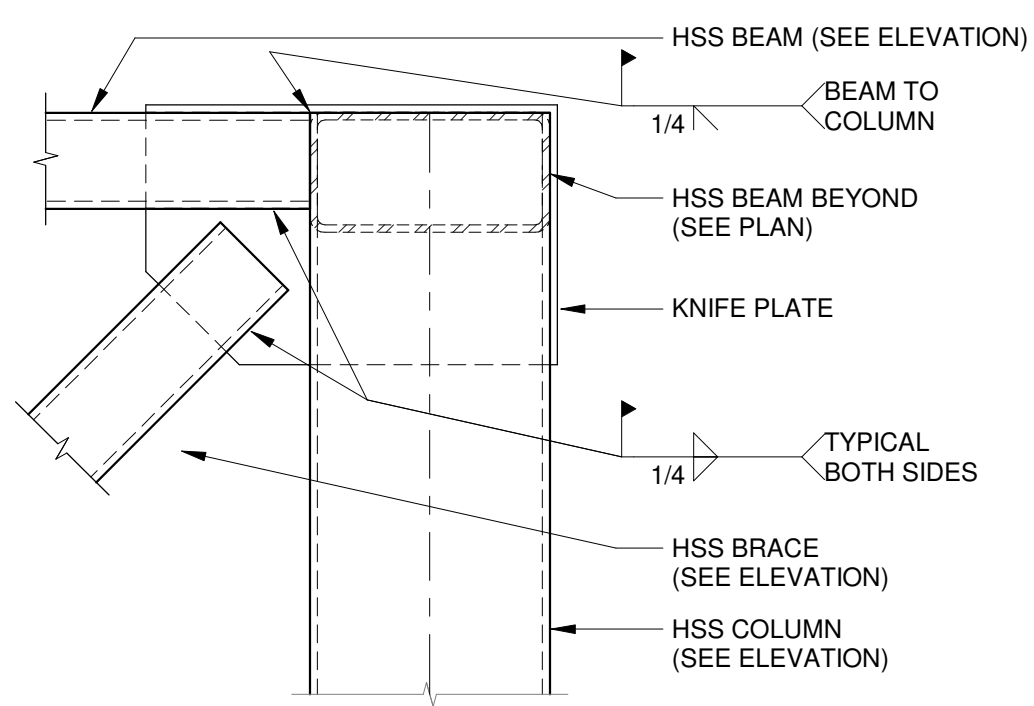
7 FOUNDATION SECTION - ECO LIFT
1/2" = 1'-0"



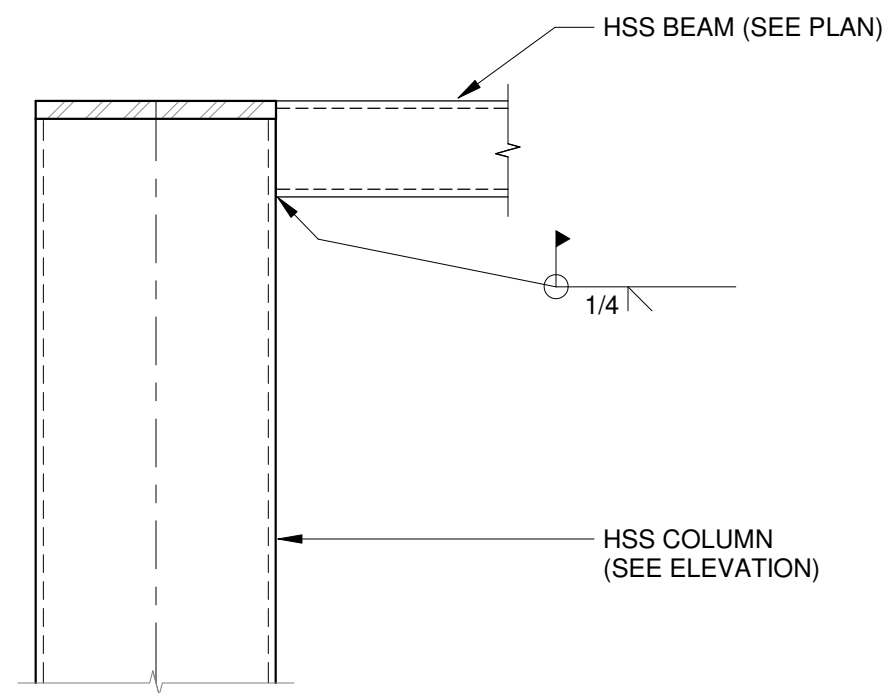
4 HELICAL PILE AT SLAB - LIFTS
1" = 1'-0"



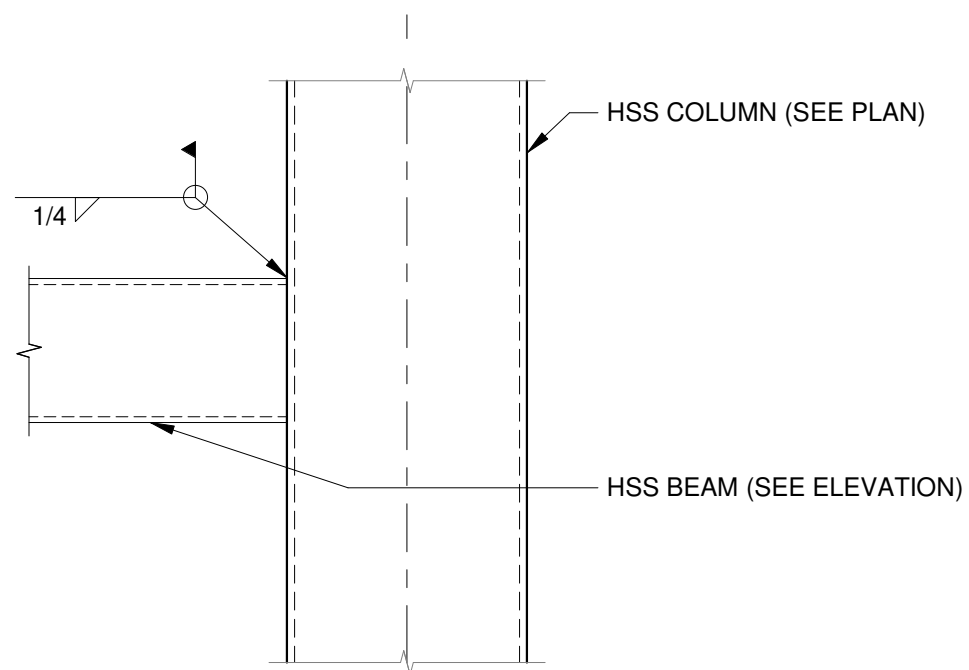
5 FOUNDATION DETAIL - LIFTS
1 1/2" = 1'-0"



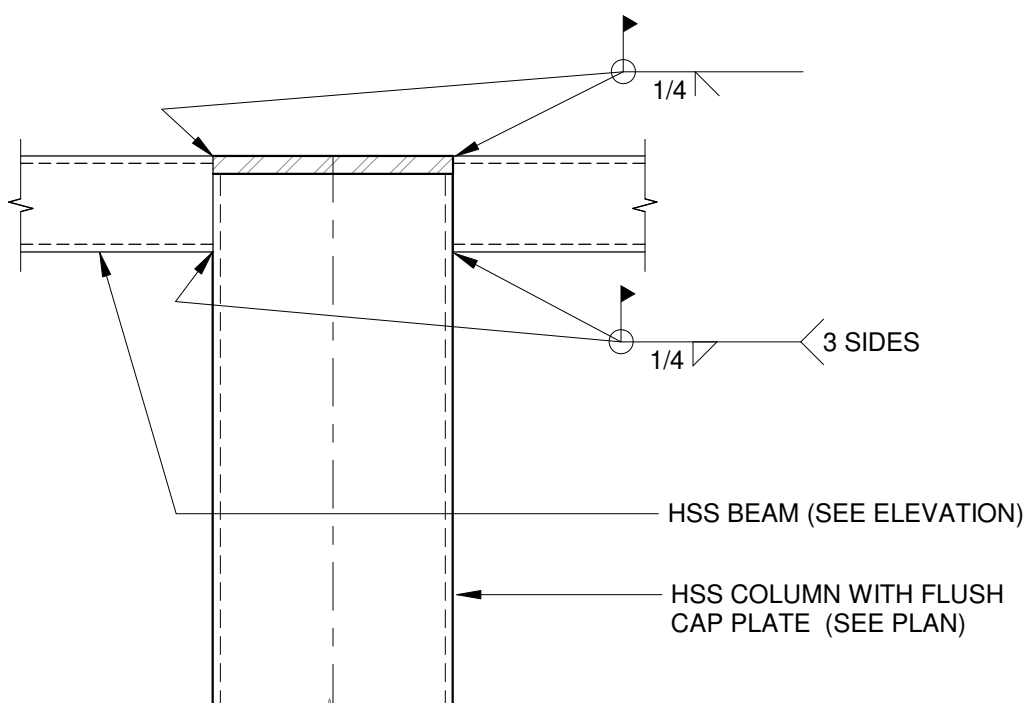
11 OVERHANG FRAMING CONNECTION
1 1/2" = 1'-0"



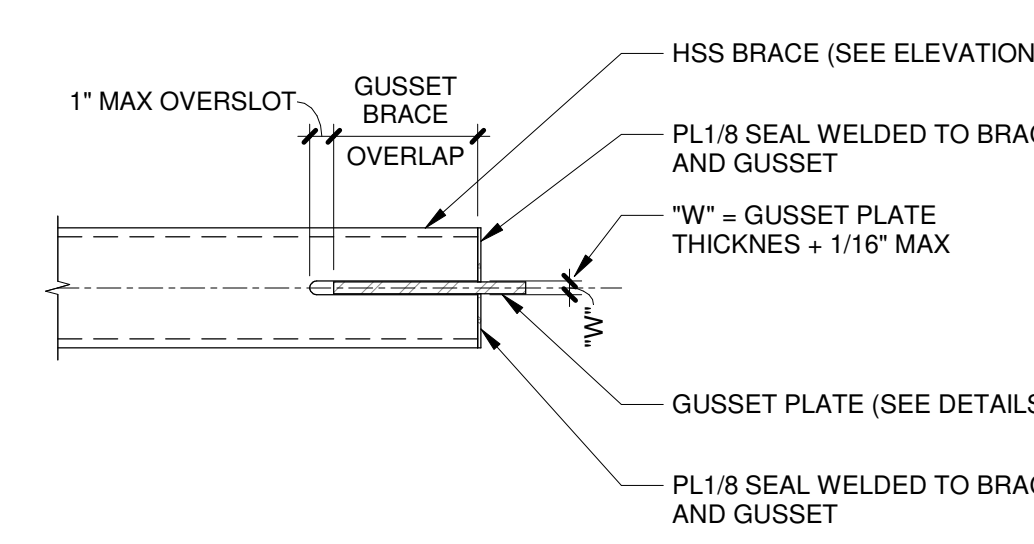
7 OVERHANG FRAMING CONNECTION
1 1/2" = 1'-0"



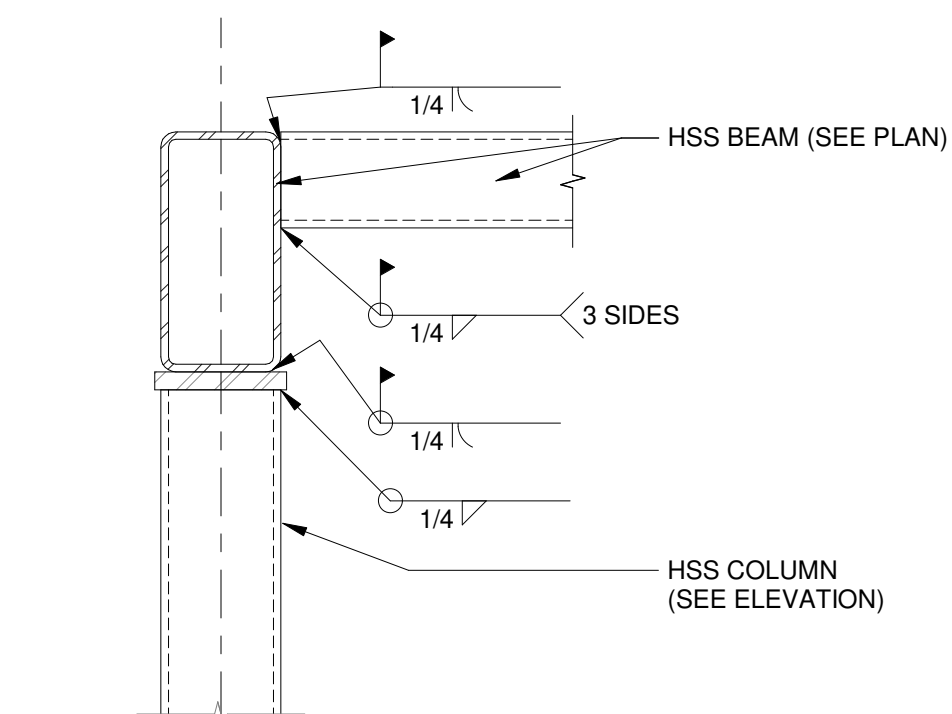
12 OVERHANG FRAMING CONNECTION
1 1/2" = 1'-0"



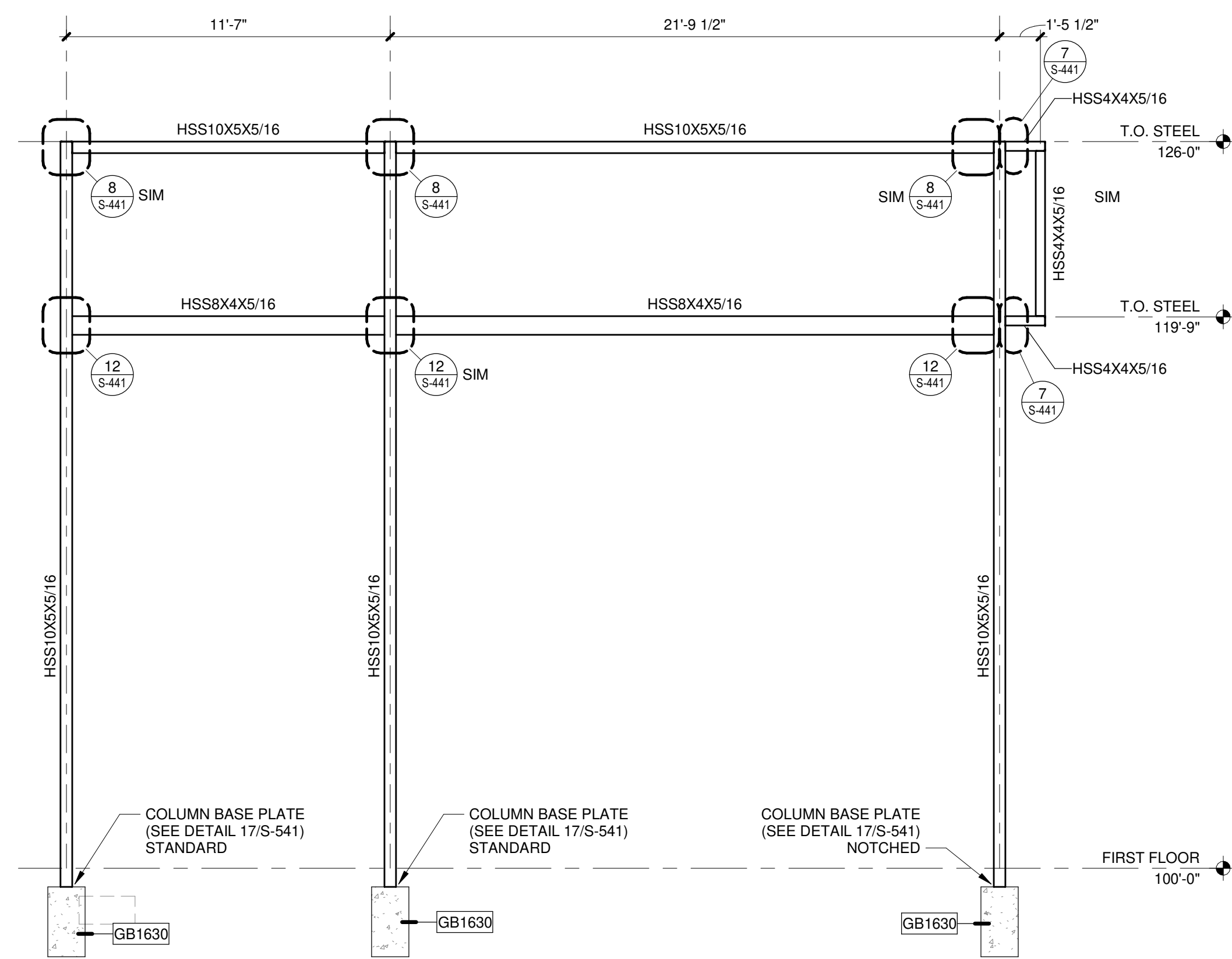
8 OVERHANG FRAMING CONNECTION
1 1/2" = 1'-0"



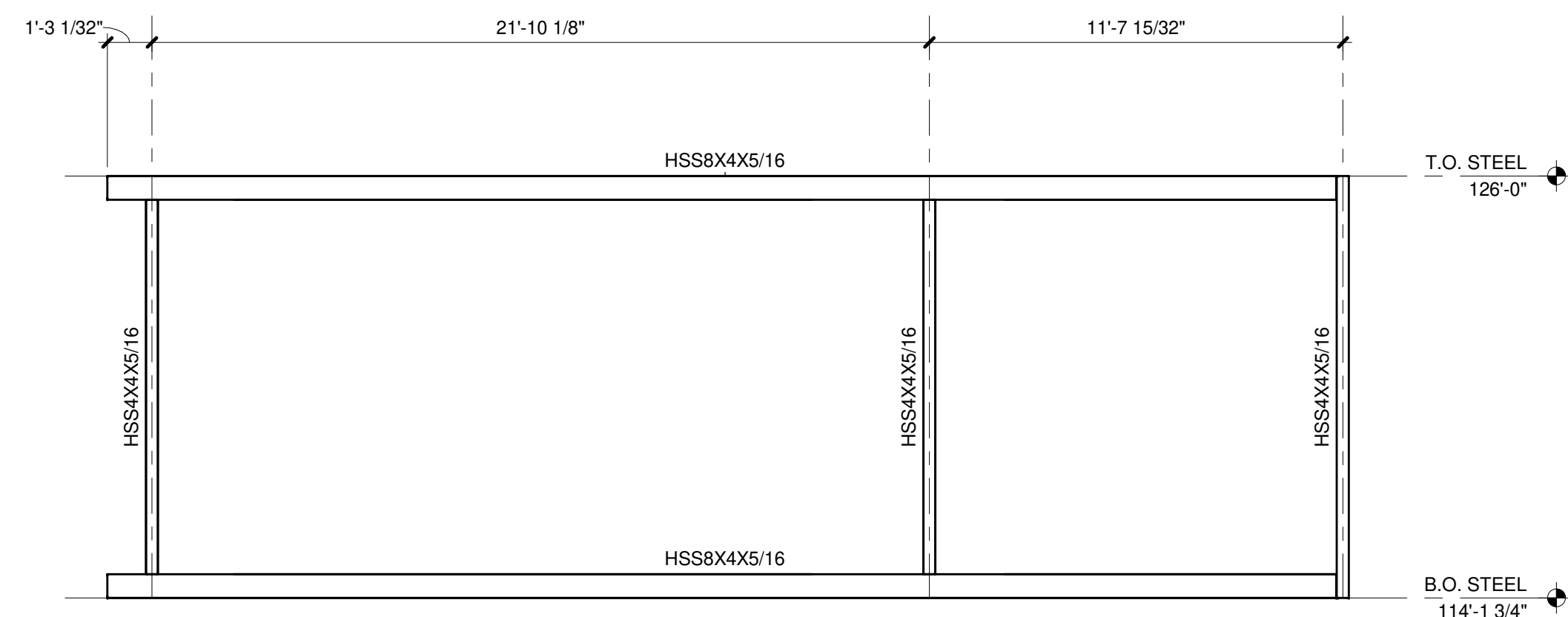
13 BRACED FRAME SLOT CUT
1 1/2" = 1'-0"



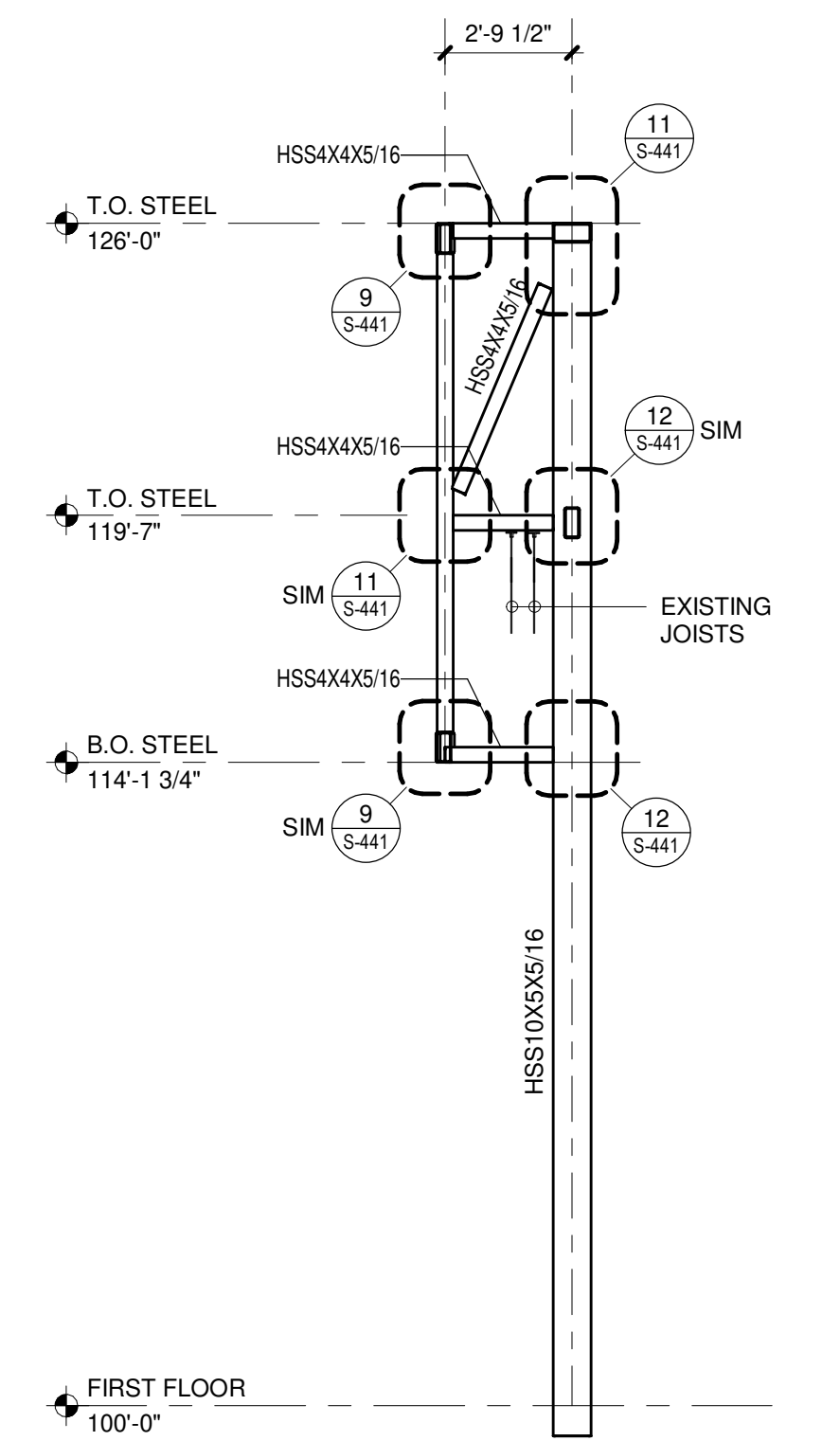
9 OVERHANG FRAMING CONNECTION
1 1/2" = 1'-0"



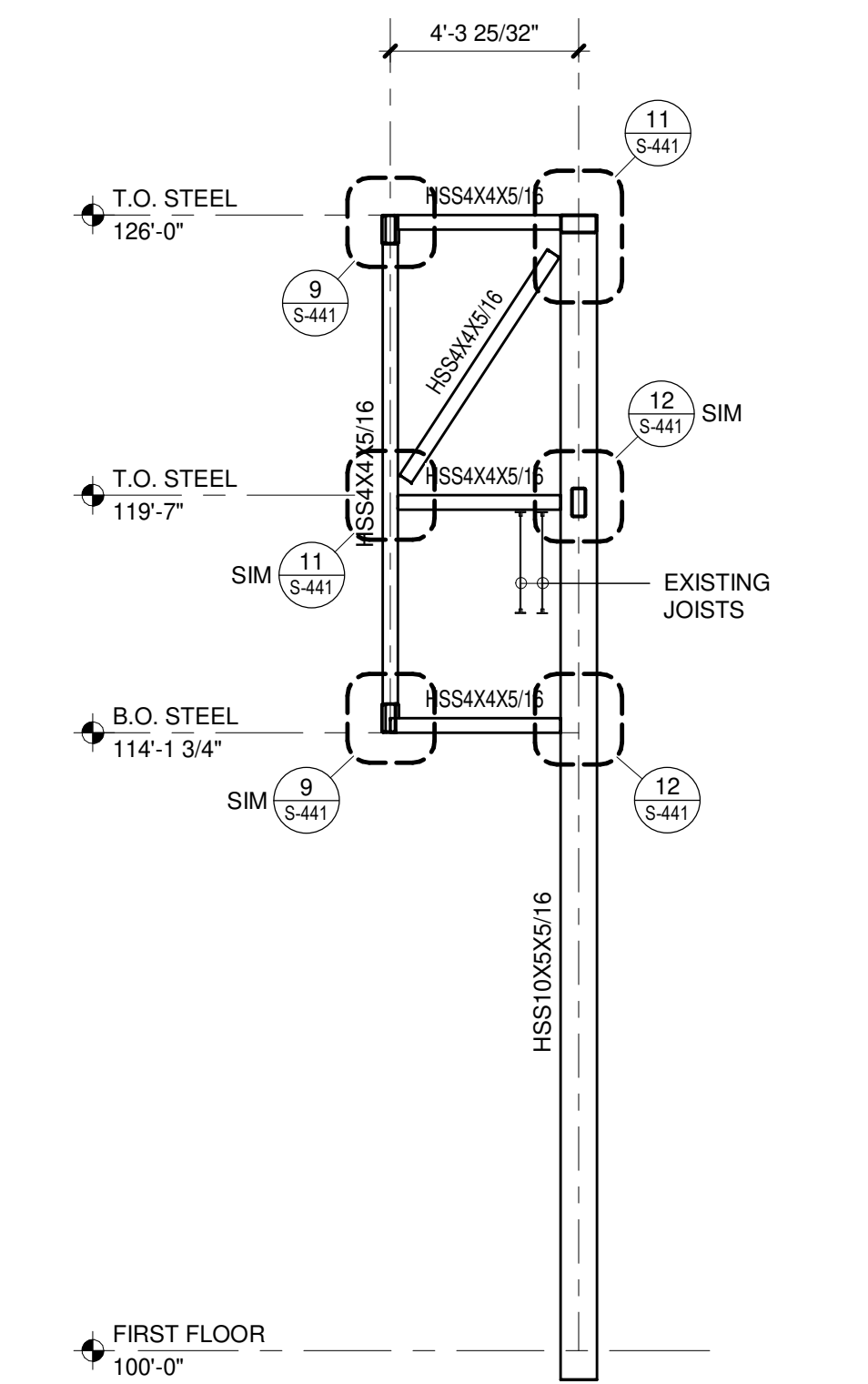
3 OVERHANG FRAMING ELEVATION
1/4" = 1'-0"



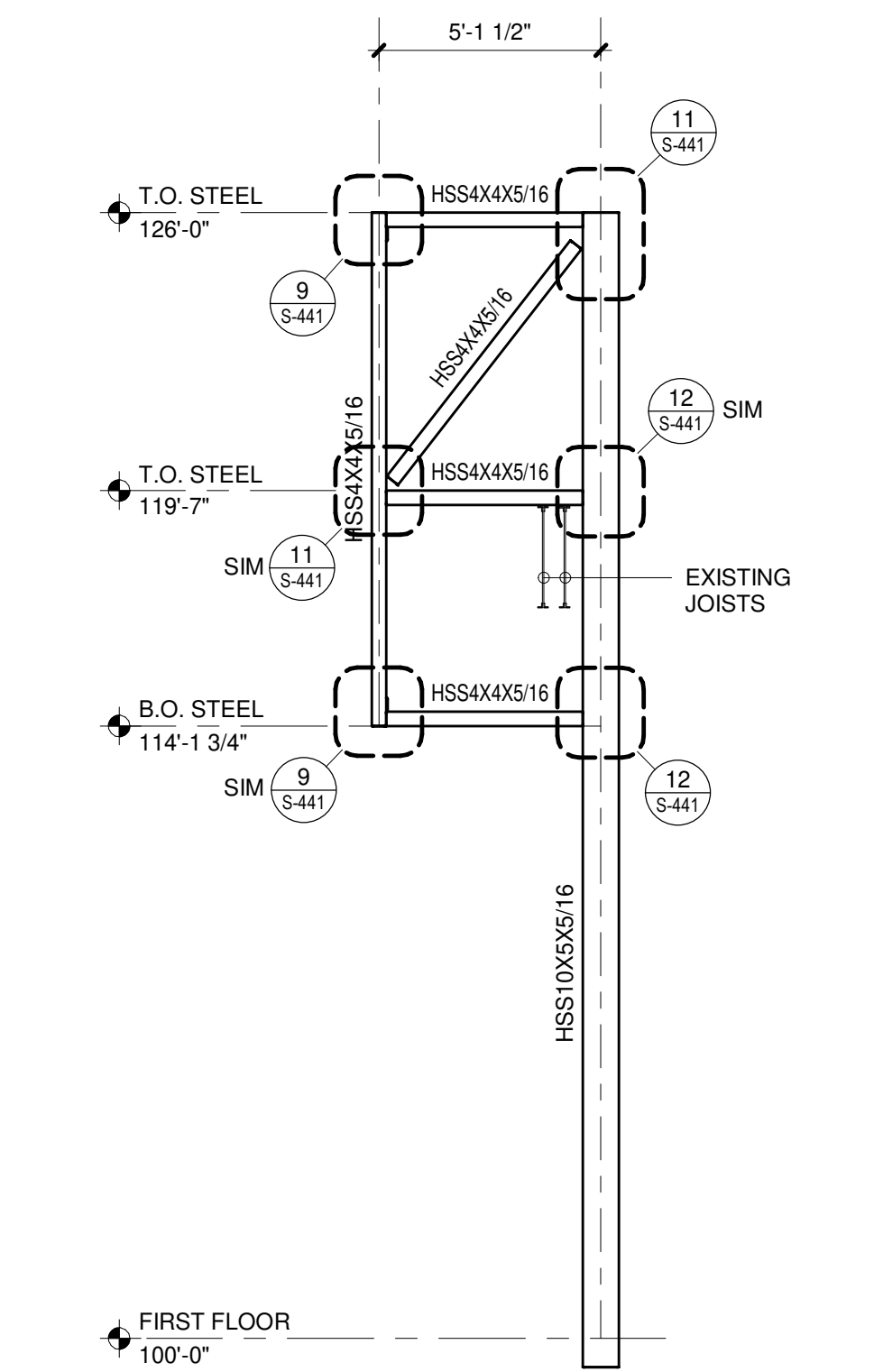
4 OVERHANG FRAMING ELEVATION
1/4" = 1'-0"



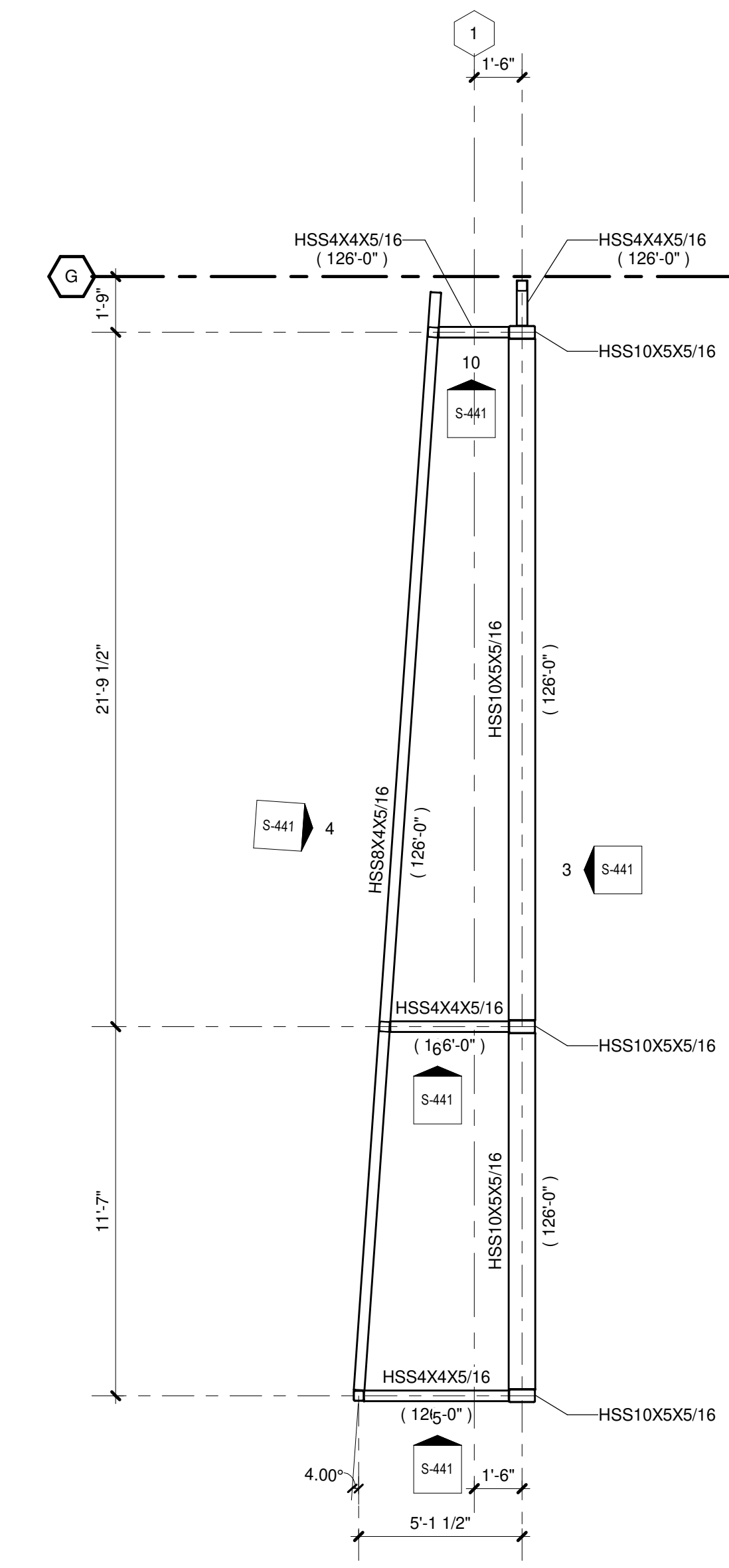
10 OVERHANG FRAMING ELEVATION
1/4" = 1'-0"



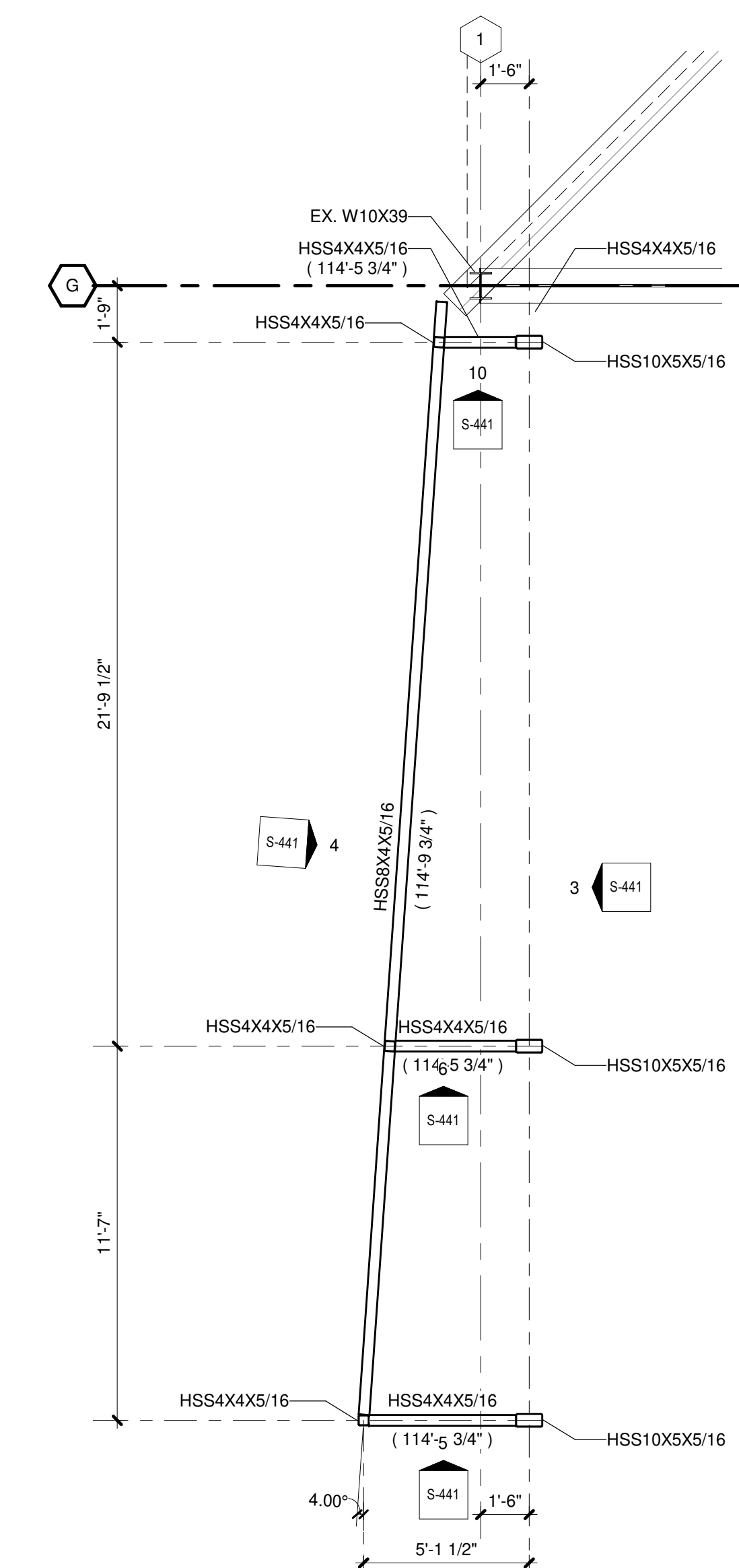
6 OVERHANG FRAMING ELEVATION
1/4" = 1'-0"



5 OVERHANG FRAMING ELEVATION
1/4" = 1'-0"



1 ENLARGED FRAMING PLAN
1/4" = 1'-0"



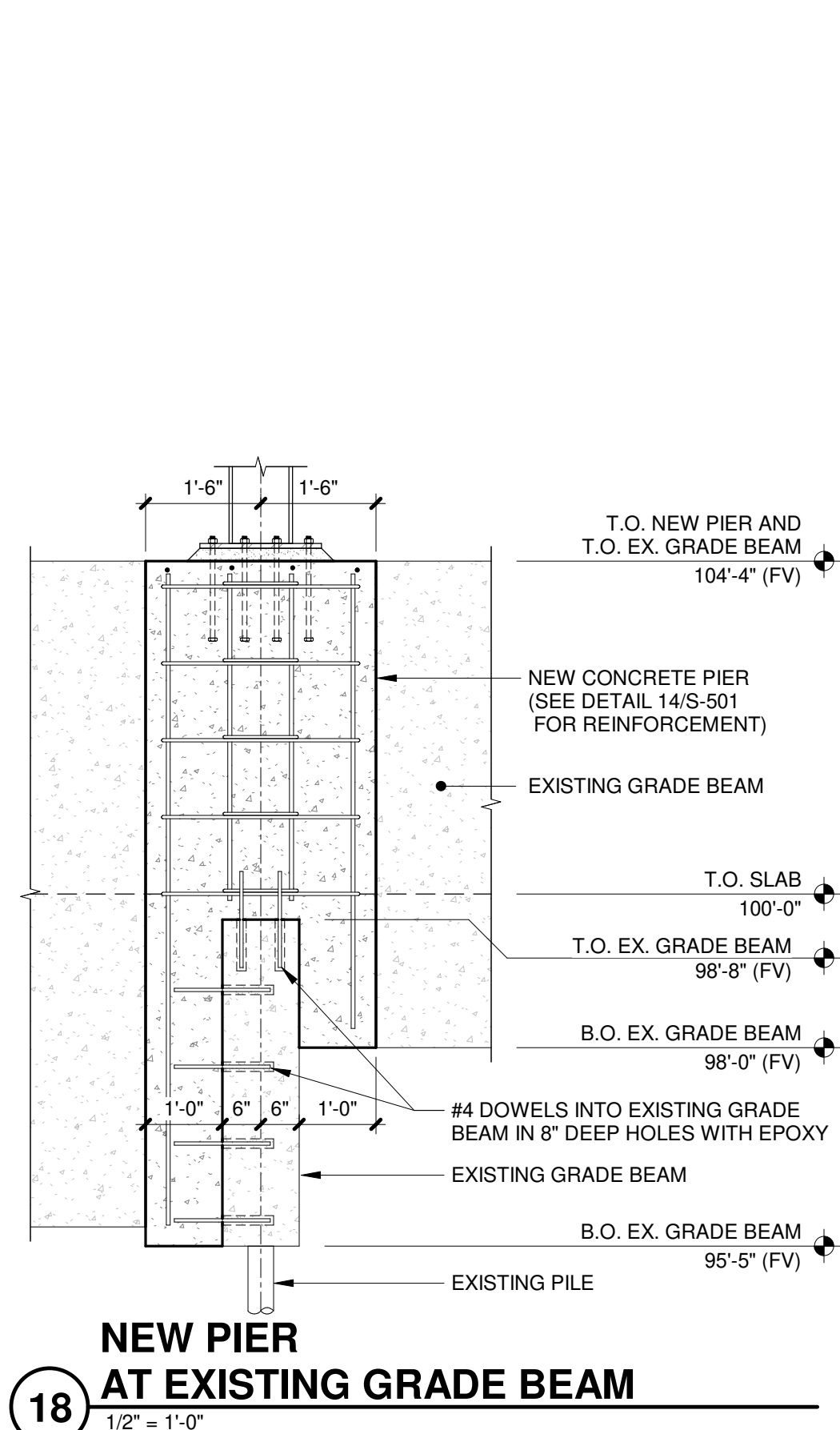
2 ENLARGED FRAMING PLAN
1/4" = 1'-0"

ROOF FRAMING PLAN GENERAL NOTES:

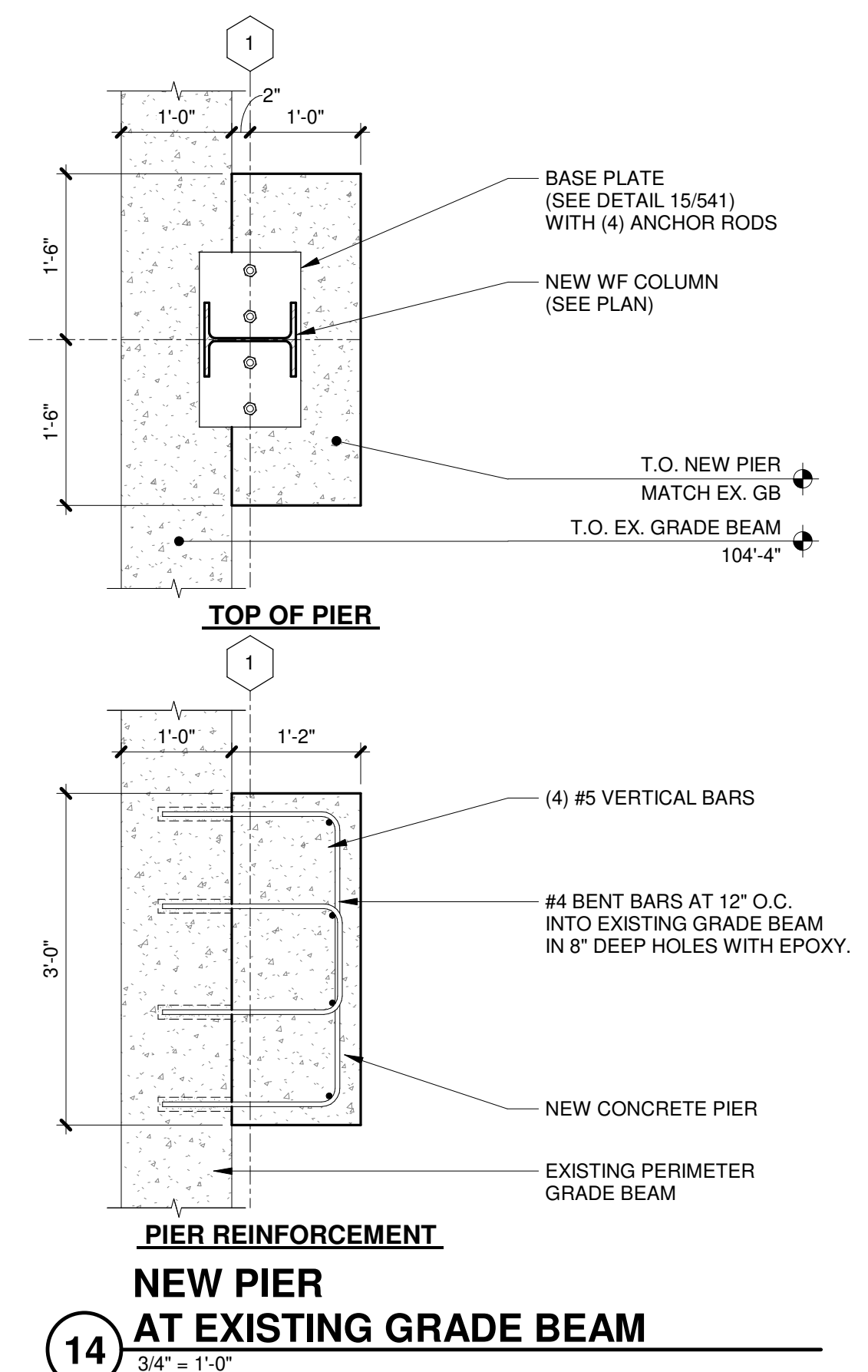
- REFERENCE G-020 THROUGH G-039 SHEETS FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1 DIV 2 REQUIREMENTS.
- REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING/SEQUENCING AND SITE ACCESS.
- REFERENCE G SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.
- SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON CIVIL SITE PLAN = ELEVATION 100'-0" ON STRUCTURAL DRAWINGS.
- FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
- REFER TO SHEET S-001 FOR STRUCTURAL LEGENDS, ABBREVIATIONS, AND SYMBOLOGY.
- REFER TO SHEET S-010 FOR ROOF LOADING PLAN AND SPECIAL JOIST LOADING REQUIREMENTS.
- REFER TO SHEETS S-541 AND S-551 FOR TYPICAL DETAILS NOT REFERENCED ON THIS SHEET.
- MINIMUM JOIST BEARING LENGTH REQUIREMENTS ARE AS FOLLOWS UNLESS NOTED OR DETAILED OTHERWISE:
 - A. AT MASONRY WALLS
 - "K" SERIES - MINIMUM 4"
 - "KCS" SERIES - MINIMUM 4"
 - B. AT STEEL BEAMS
 - "K" SERIES - MINIMUM 2 1/2"
 - "KCS" SERIES - MINIMUM 2 1/2"
- ALL NEW JOISTS SHALL BE DESIGNED AND SUPPLIED WITH AT LEAST ONE MOMENT SPLICE. CONTRACTOR SHALL PROVIDE ADDITIONAL MOMENT SPLICES TO INSTALL SISTER JOIST AMONG EXISTING UTILITIES OR OTHER OBSTRUCTIONS. MOMENT SPLICES SHALL BE DESIGNED AND STAMPED BY PROFESSIONAL ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE AND REINSTALL ANYTHING IN THE WAY OF THE INSTALLATION OF NEW NEW JOISTS. MOMENT CONNECTIONS MUST BE SHOP FABRICATED.
- BRACE NEW JOISTS AT FIFTH POINTS PER DETAIL 10S-551. NEW JOISTS SHALL BE DESIGNED FOR TOP CHORD BRACING AT THESE POINTS ONLY.
- REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST MUST BE DONE WITH NO LOAD ON ROOF. REMOVE BALLAST, SNOW, ICE AND WATER BEFORE REINFORCING JOIST GIRDERS AND INSTALLING SISTER JOIST.
- CUT BRIDGING AND BRACING TO INSTALL NEW JOIST. REINSTALL BRIDGING AND BRACING TO ORIGINAL CONDITIONS OR SJI MINIMUM REQUIREMENTS WHICHEVER IS GREATER.
- BALLAST REMOVED MAY NOT BE PLACED ON OTHER AREAS OF ROOF. PILE BALLAST ON GROUND, AT LOCATION ON SITE, TO BE DETERMINED OWNER.
- NEW JOISTS DO NOT NEED TO BE DESIGNED FOR UPLIFT FORCE.
- FABRICATE JOIST WITH ZERO CAMBER. PROVIDE SHIMS IN SPLICE CONNECTION(S) TO ADJUST NEW JOIST TO EXISTING DECK SURFACE.
- PLACEMENT OF BALLAST SHALL NOT EXCEED 12PSF.
- VERIFY STEEL LAYOUT AND FIT UP WITH ALL NEW ROOF TOP UNITS.
- DESIGN AND SUPPLY NEW JOIST WITH SEAT DEPTH OF 2". FIELD VERIFY THAT EXISTING JOIST SEATS ARE 2 1/2" DEEP. PROVIDE AND INSTALL SHIMS UNDER NEW JOIST SEATS TO PUSH JOIST UP TIGHT TO UNDERSIDE OF EXISTING ROOF DECK.

KEYED NOTES

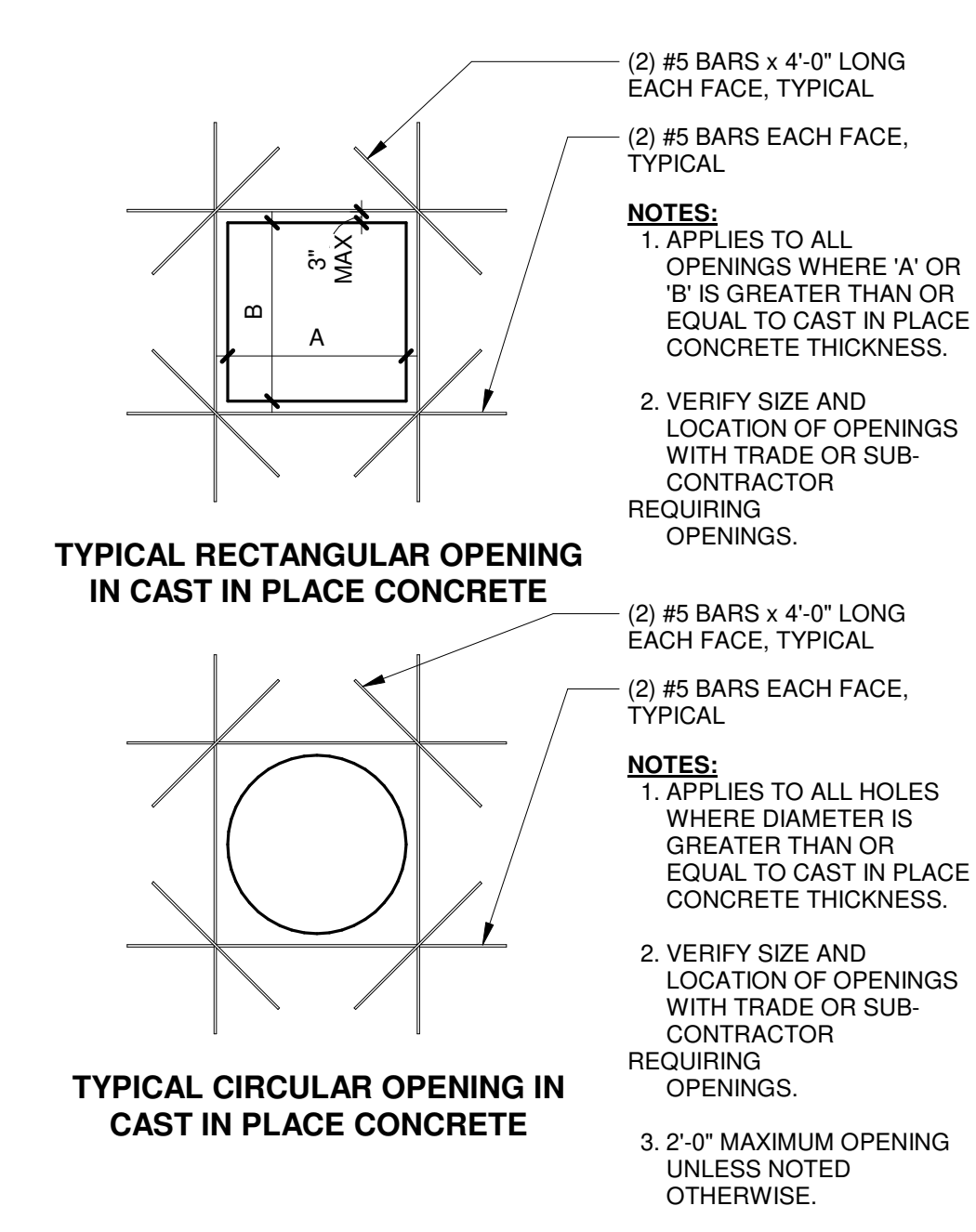




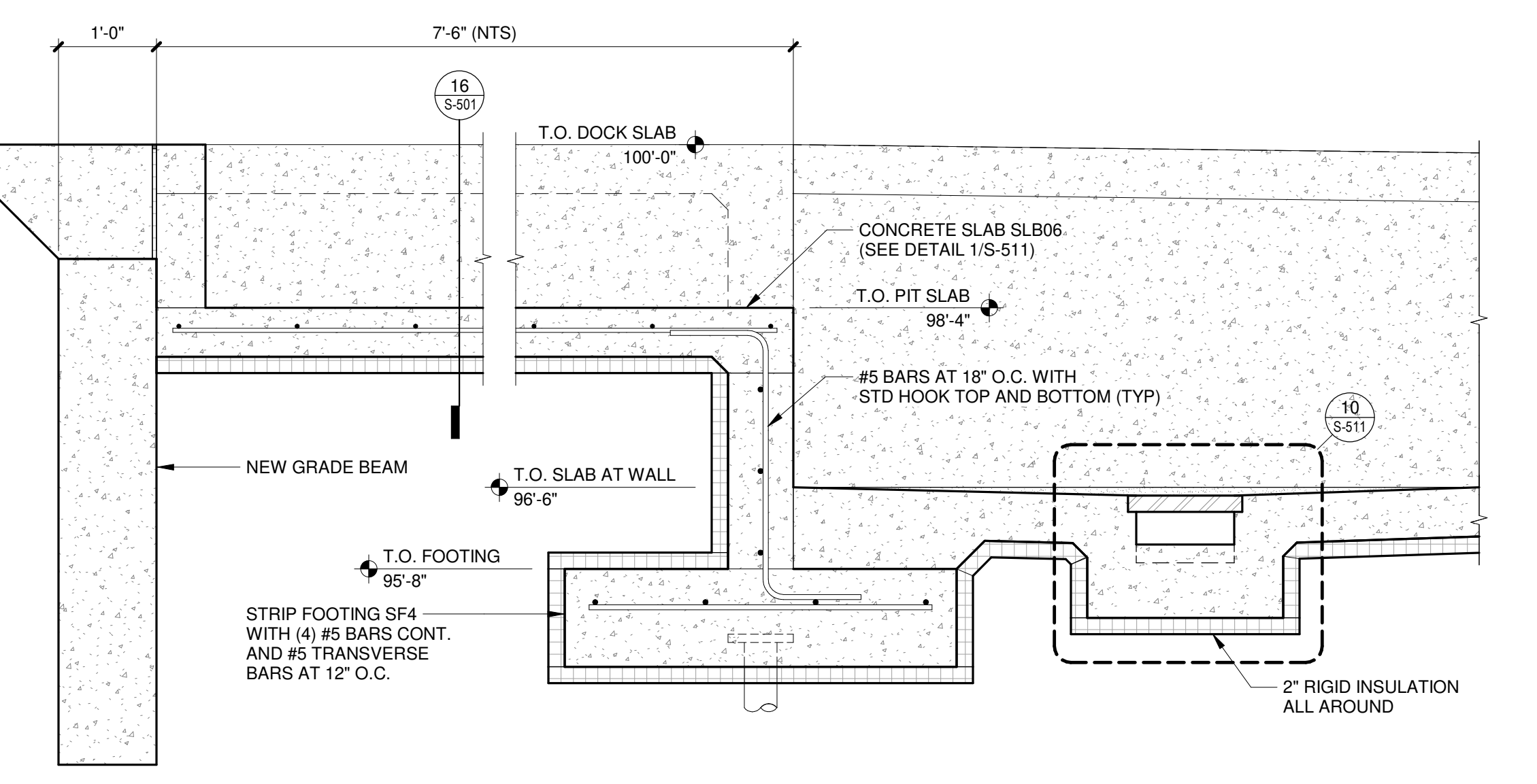
18 NEW PIER AT EXISTING GRADE BEAM
1/2" = 1'-0"



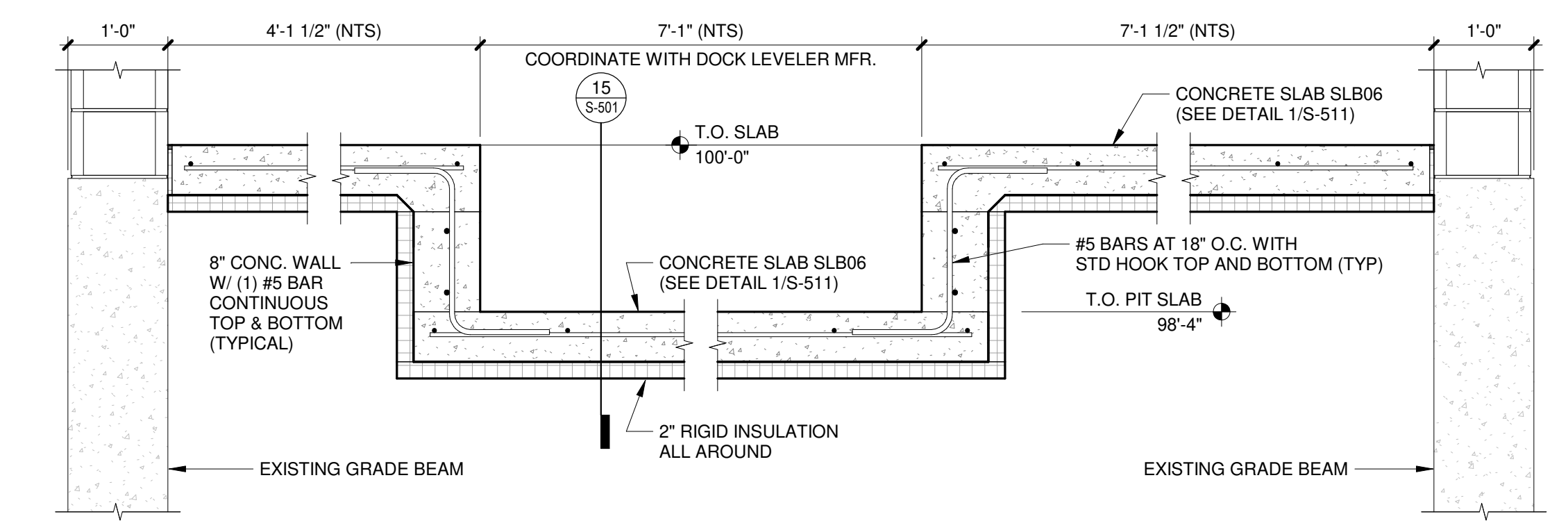
14 PIER REINFORCEMENT NEW PIER AT EXISTING GRADE BEAM
3/4" = 1'-0"



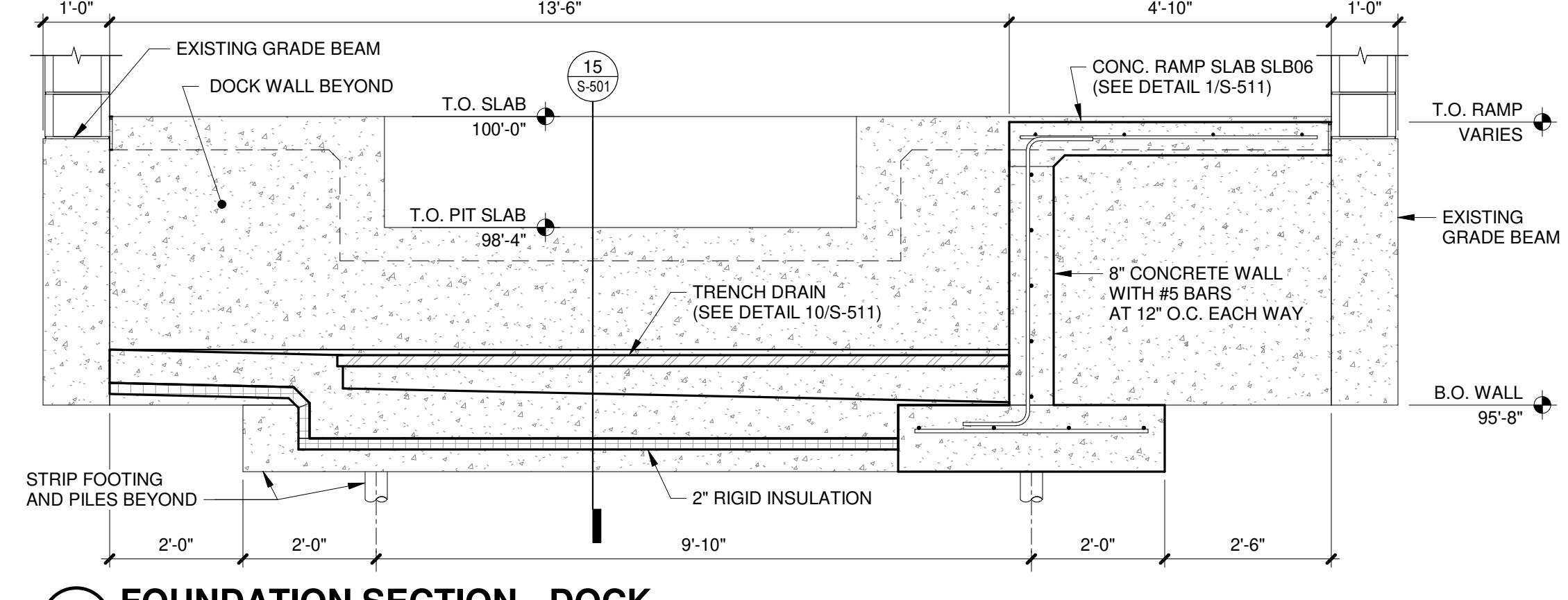
13 TYPICAL CONCRETE PENETRATION REINFORCEMENT
NO SCALE



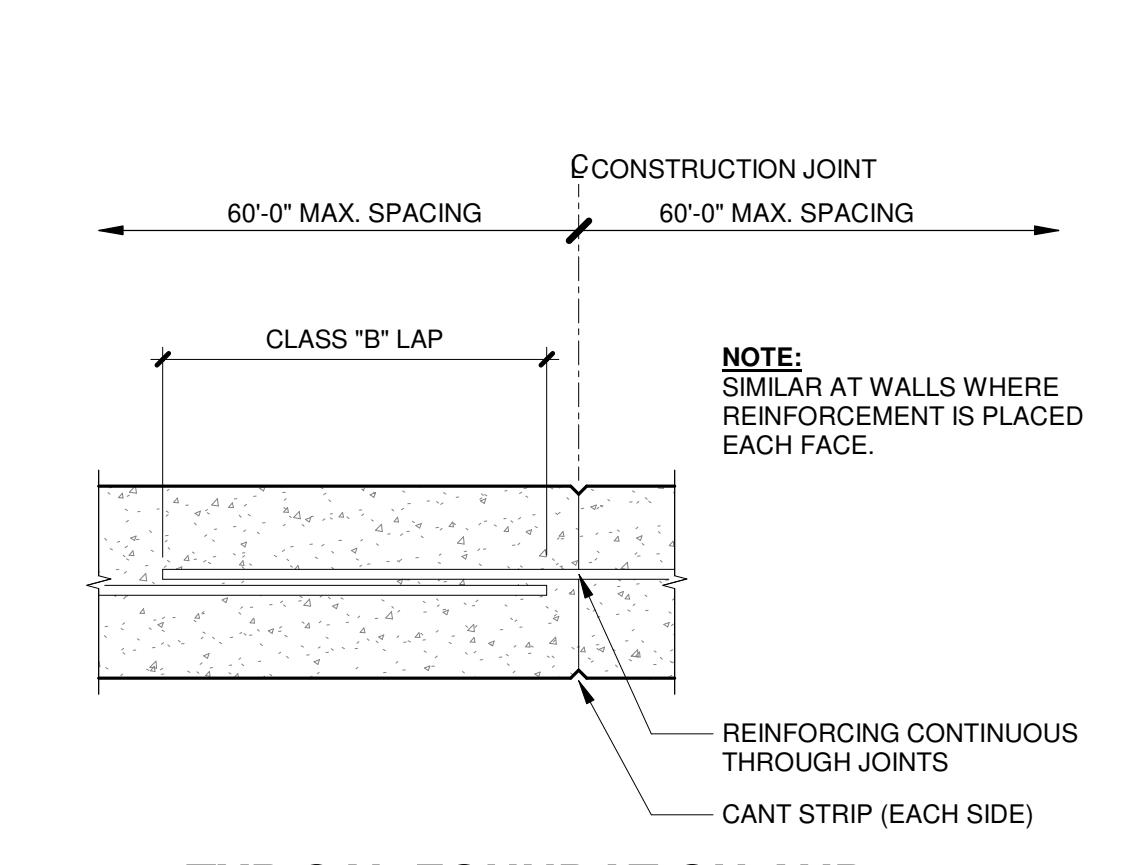
15 FOUNDATION SECTION - DOCK LEVELER
3/4" = 1'-0"



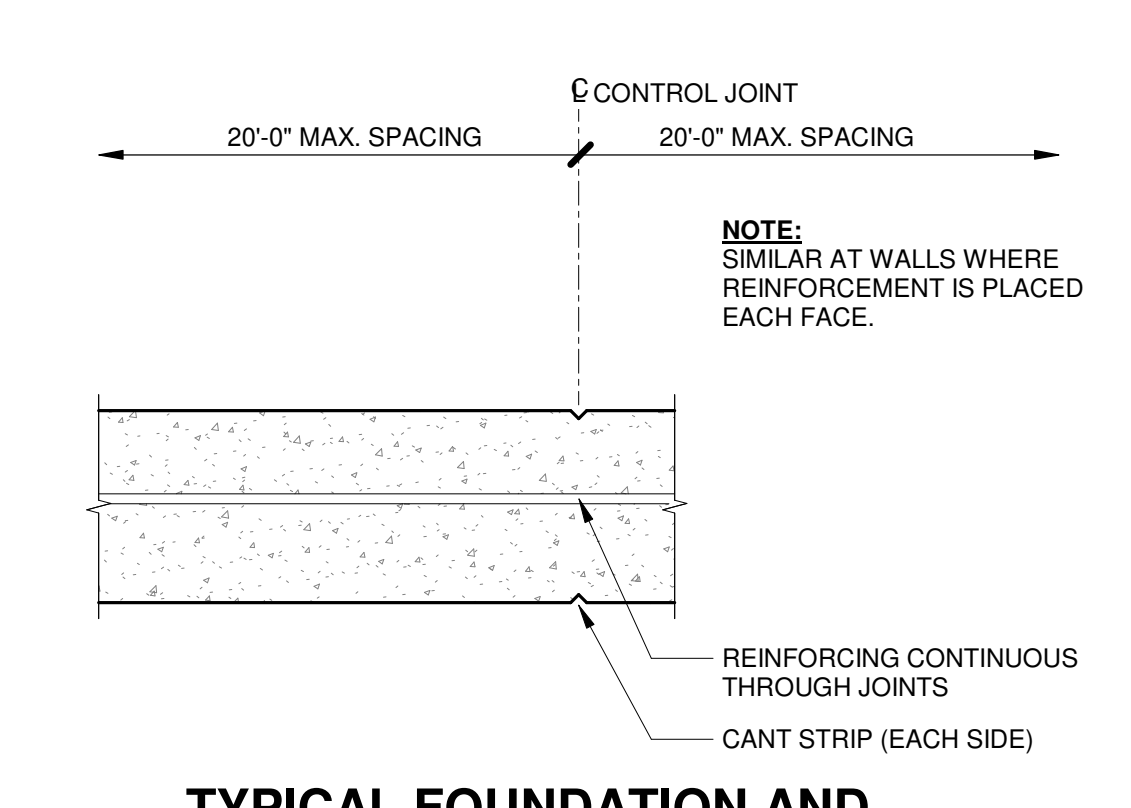
16 FOUNDATION SECTION - DOCK LEVELER
3/4" = 1'-0"



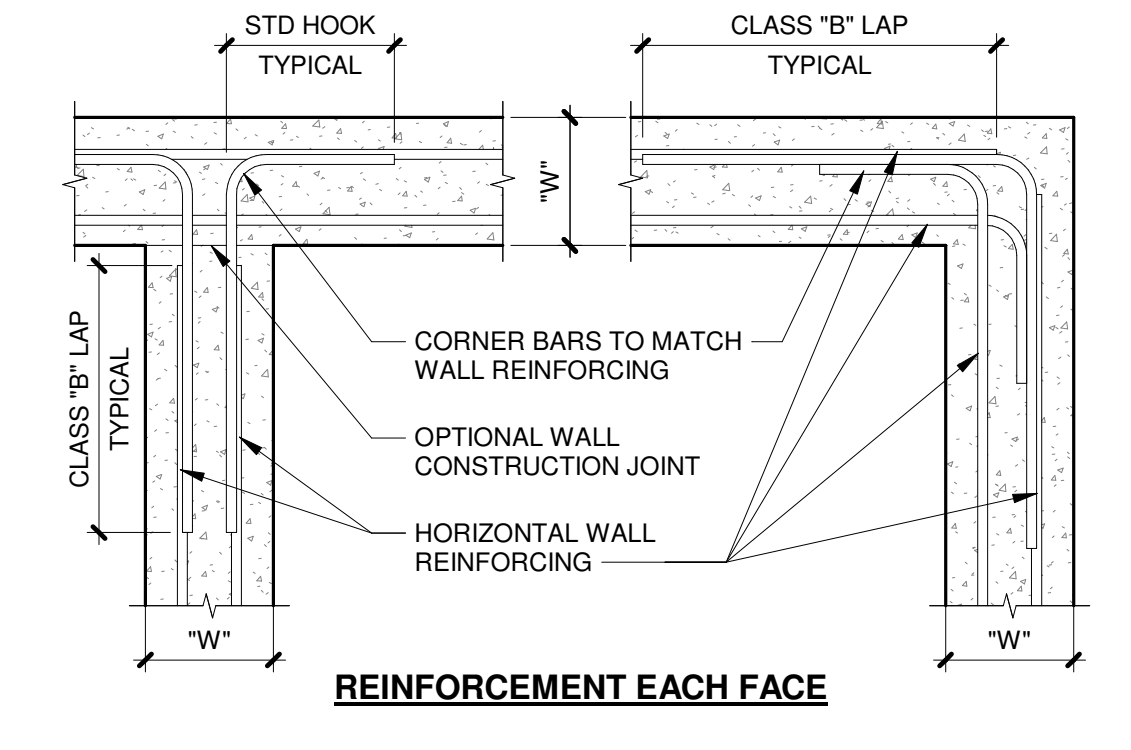
17 FOUNDATION SECTION - DOCK
1/2" = 1'-0"



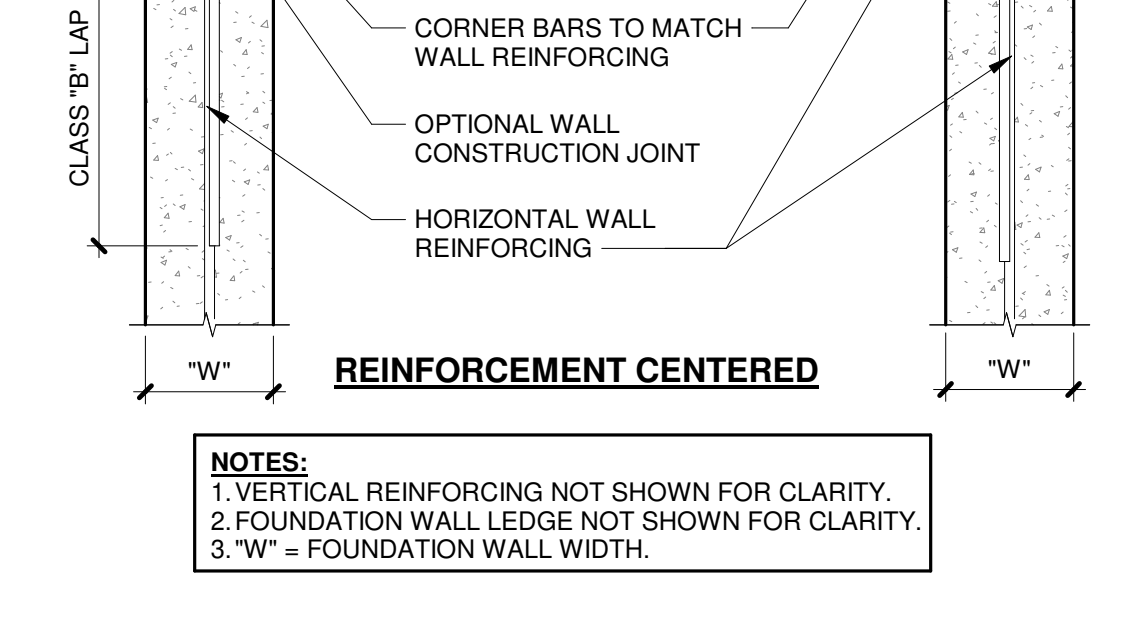
9 TYPICAL FOUNDATION AND CONCRETE WALL CONST. JOINT
NO SCALE



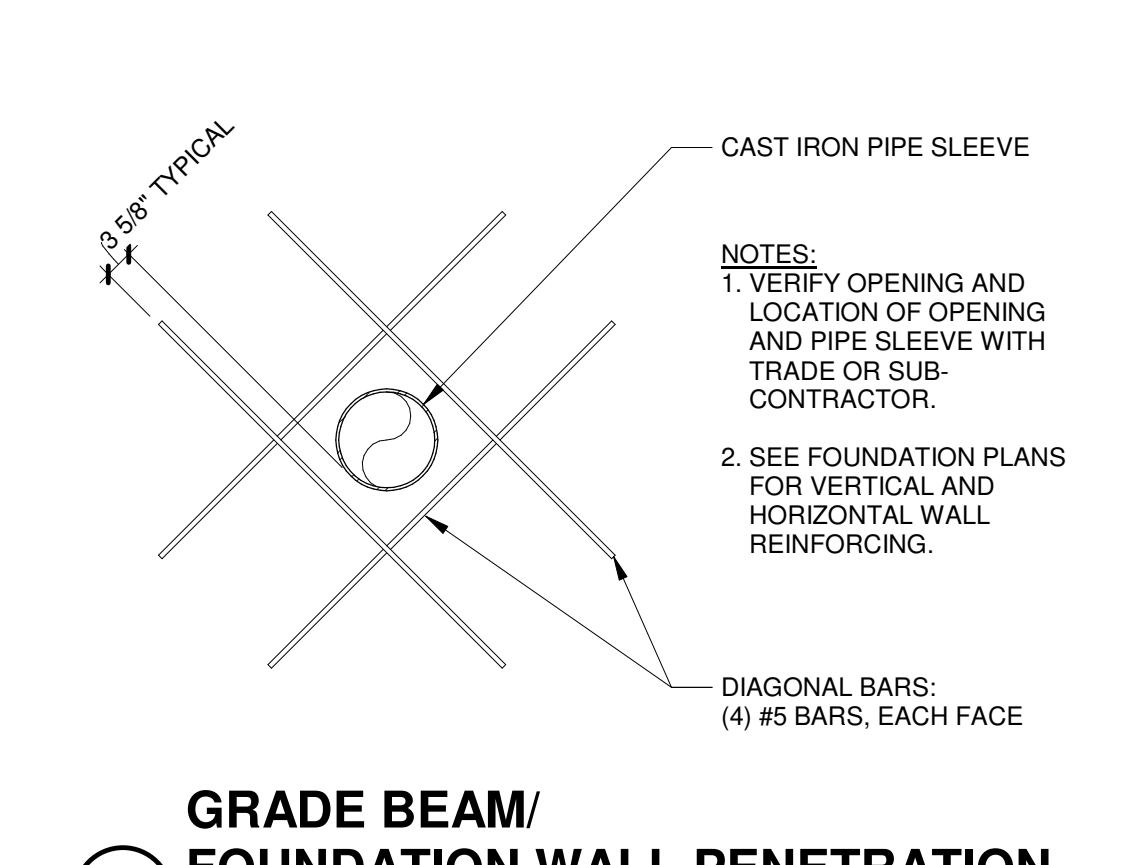
10 TYPICAL FOUNDATION AND CONCRETE WALL CONTROL JOINT
NO SCALE



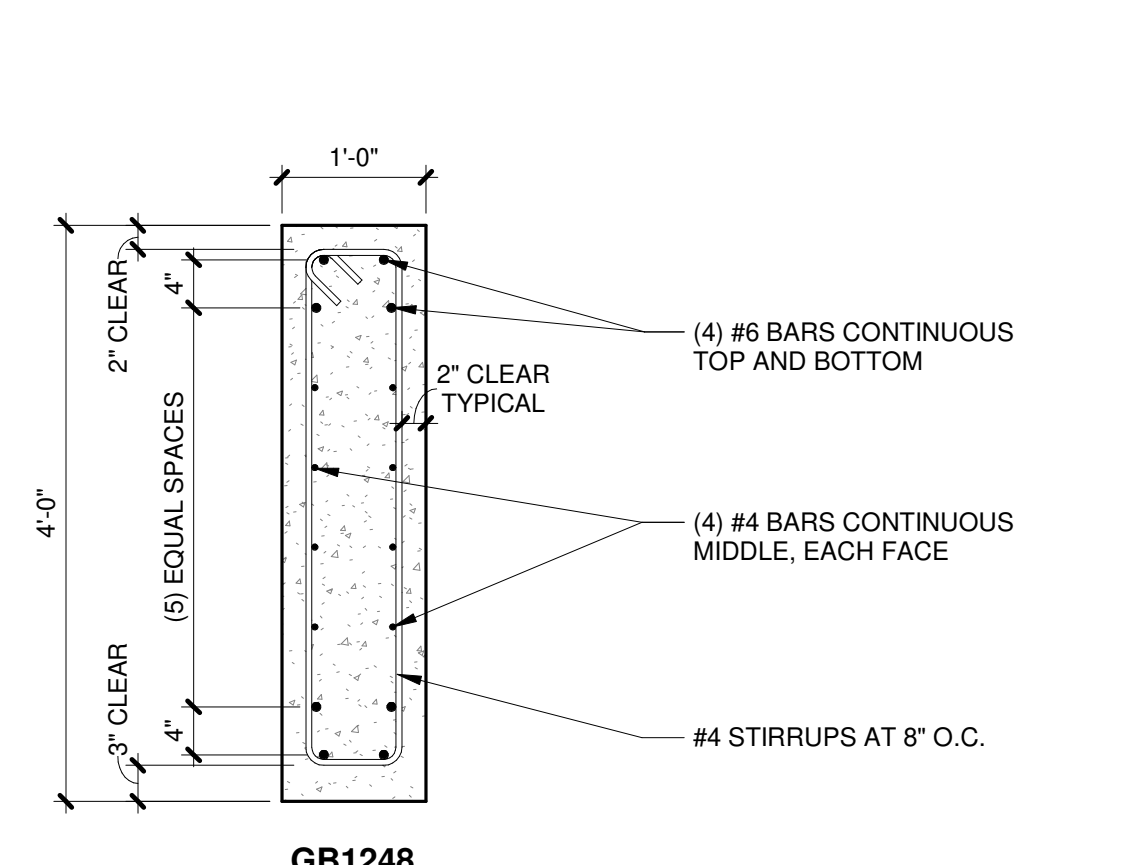
6 TYPICAL GRADE BEAMS
3/4" = 1'-0"



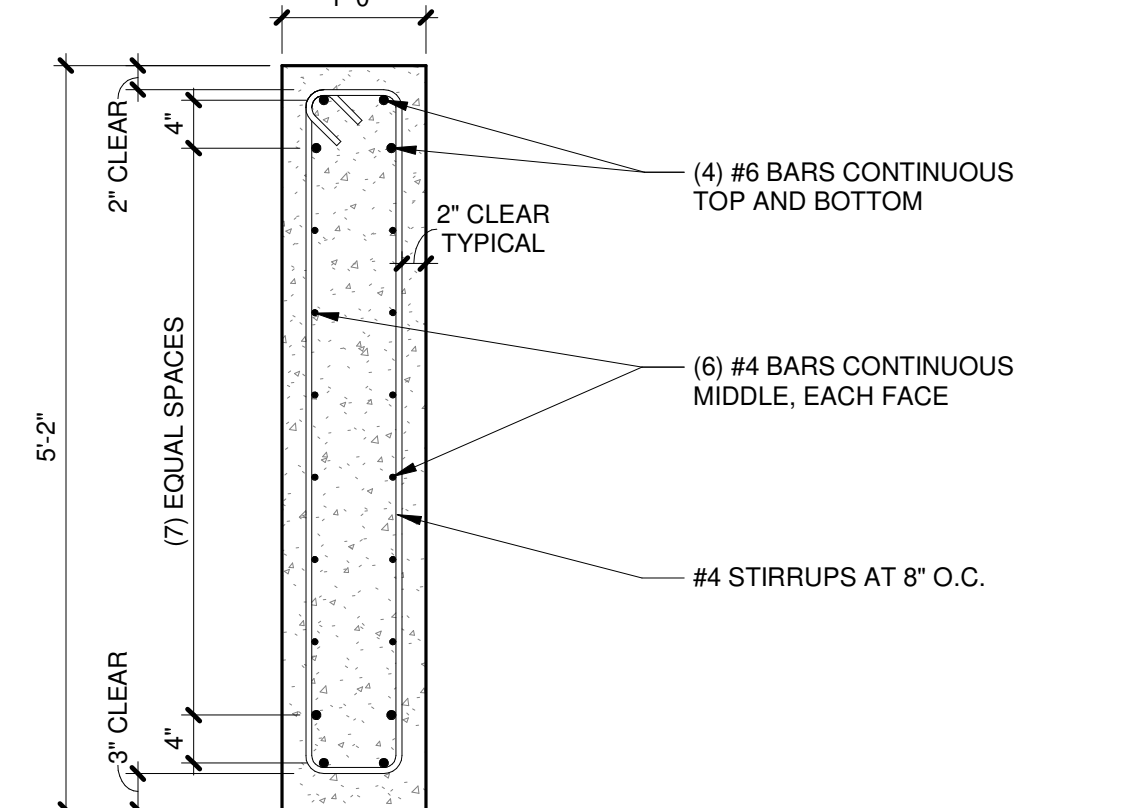
11 TYPICAL FOUNDATION WALL INTERSECTIONS
NO SCALE



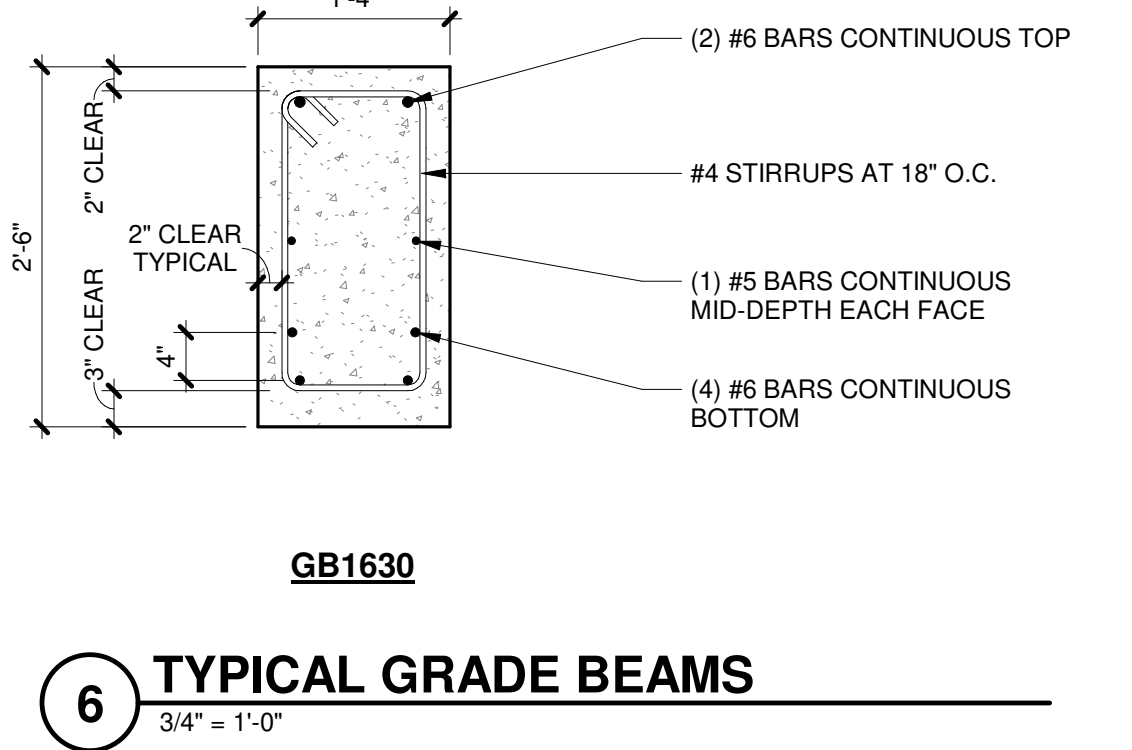
12 GRADE BEAM/FOUNDATION WALL PENETRATION
NO SCALE



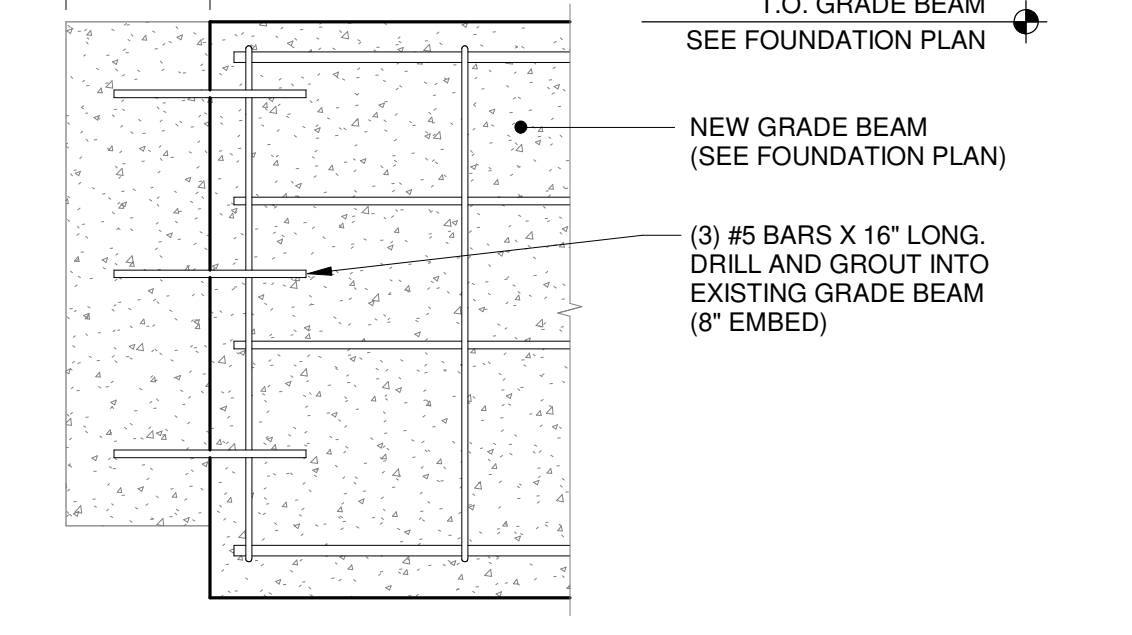
8 TYPICAL MASONRY WALL AT GRADE BEAM
3/4" = 1'-0"



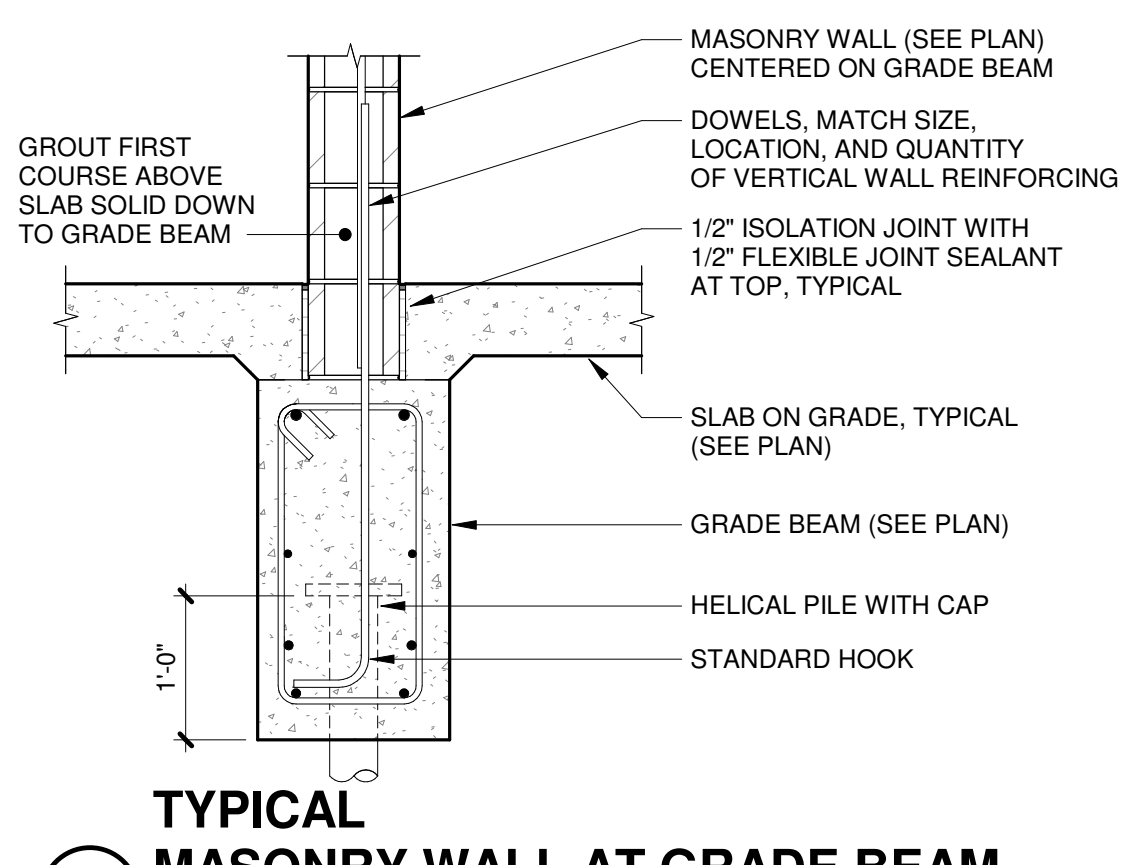
7 TYPICAL NEW TO EXISTING GRADE BEAM CONNECTION
NO SCALE



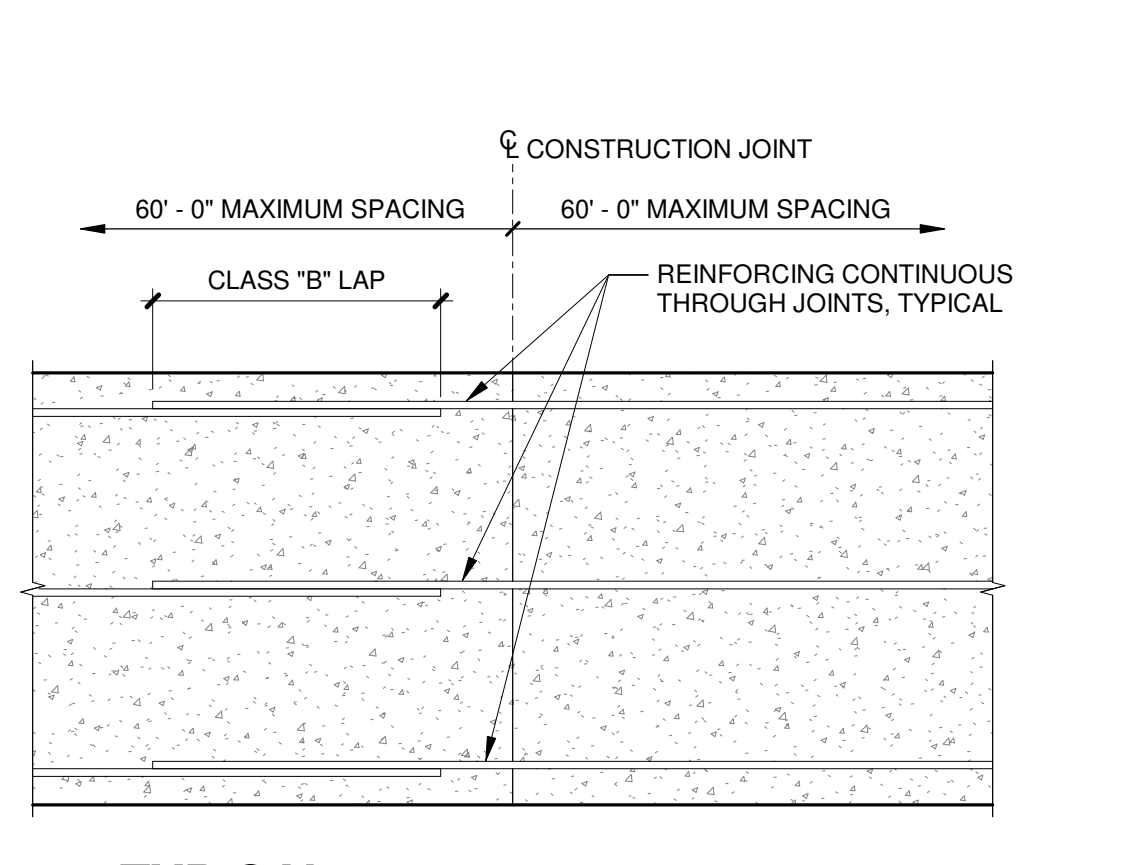
10 TYPICAL FOUNDATION AND CONCRETE WALL CONTROL JOINT
NO SCALE



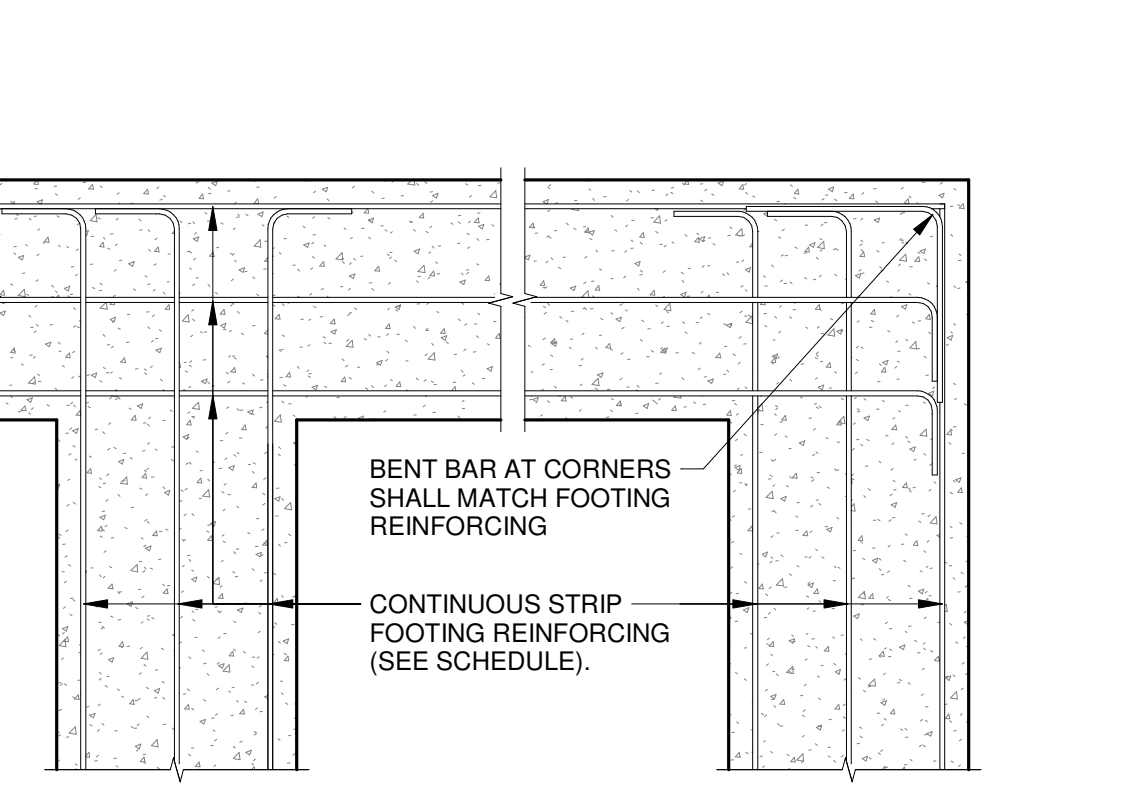
11 TYPICAL FOUNDATION WALL INTERSECTIONS
NO SCALE



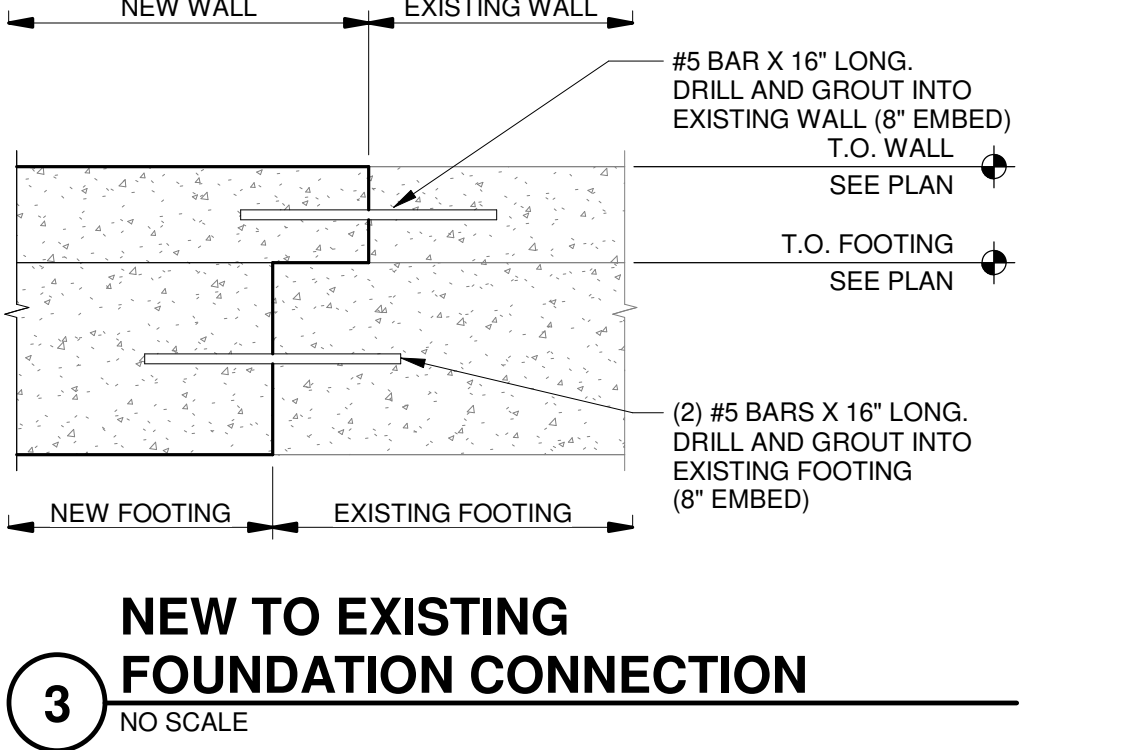
8 TYPICAL MASONRY WALL AT GRADE BEAM
3/4" = 1'-0"



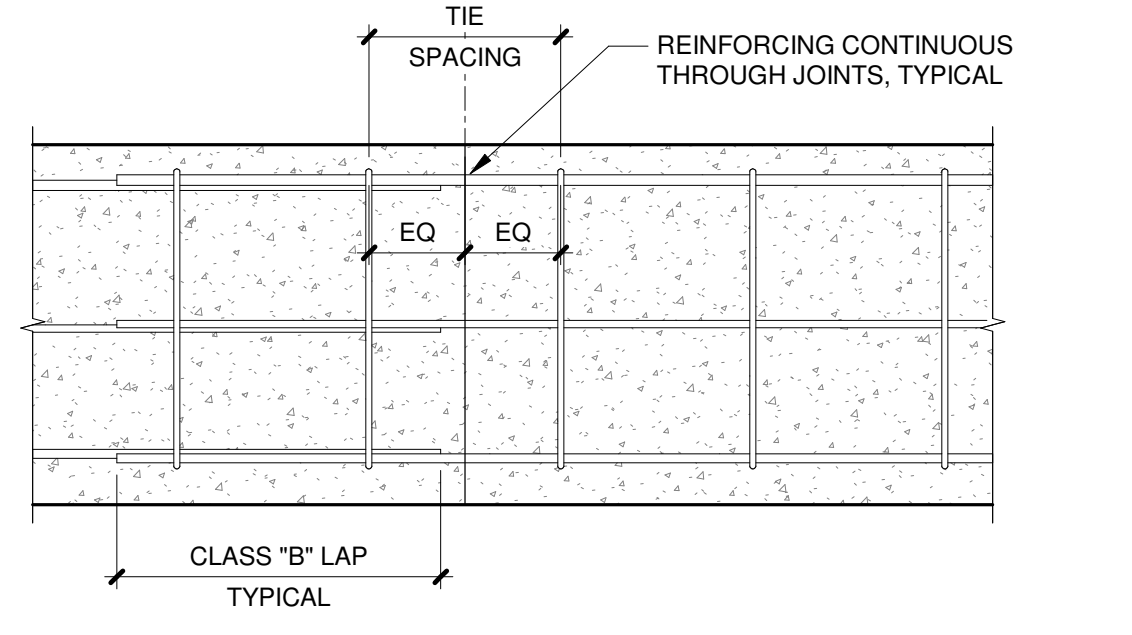
1 TYPICAL FOOTING CONSTRUCTION JOINT
NO SCALE



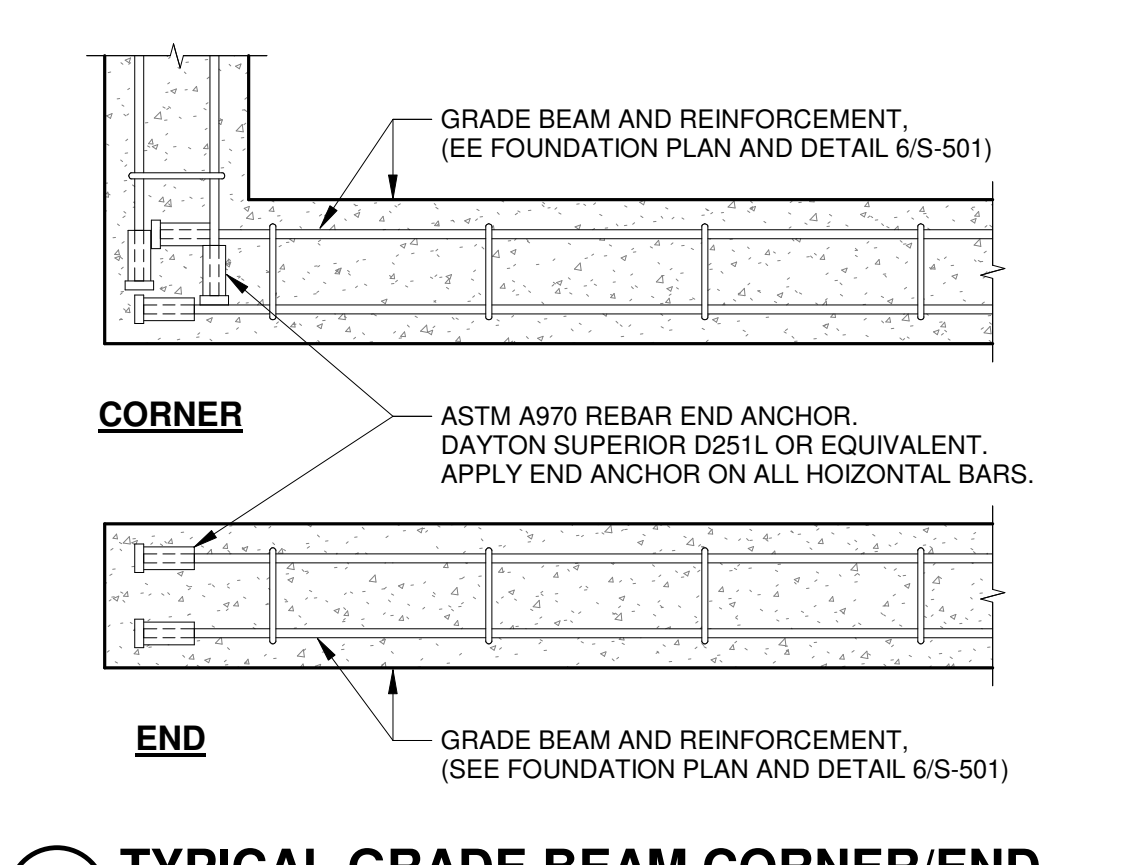
2 TYPICAL FOOTING INTERSECTIONS
NO SCALE



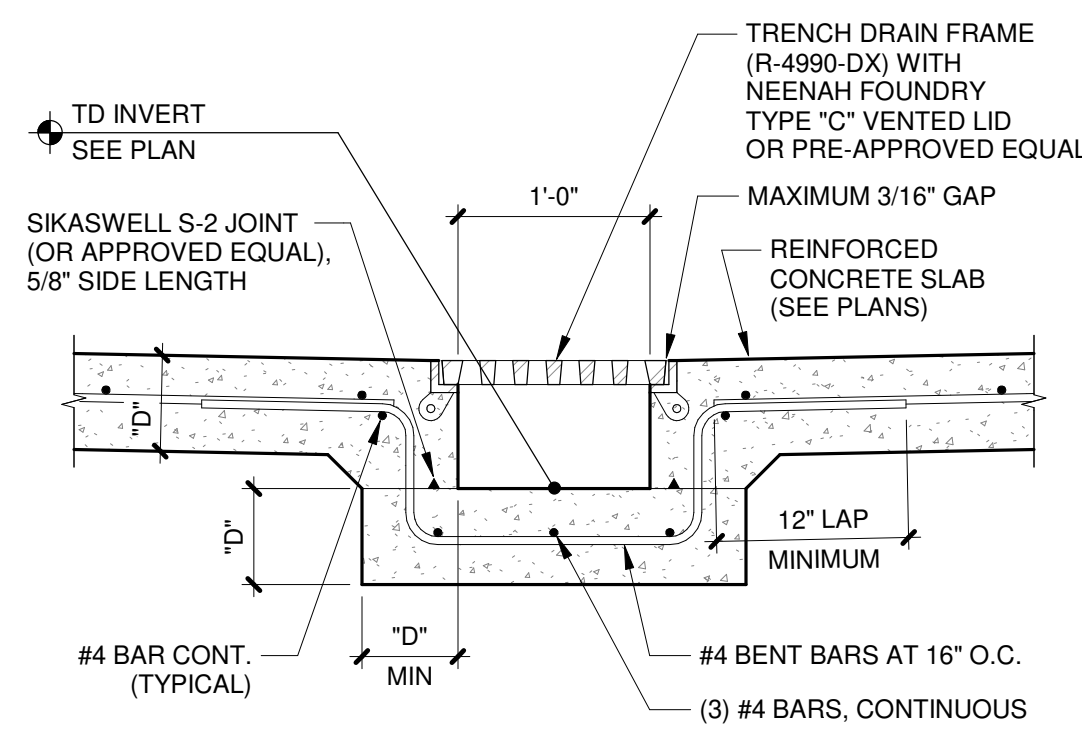
3 NEW TO EXISTING FOUNDATION CONNECTION
NO SCALE



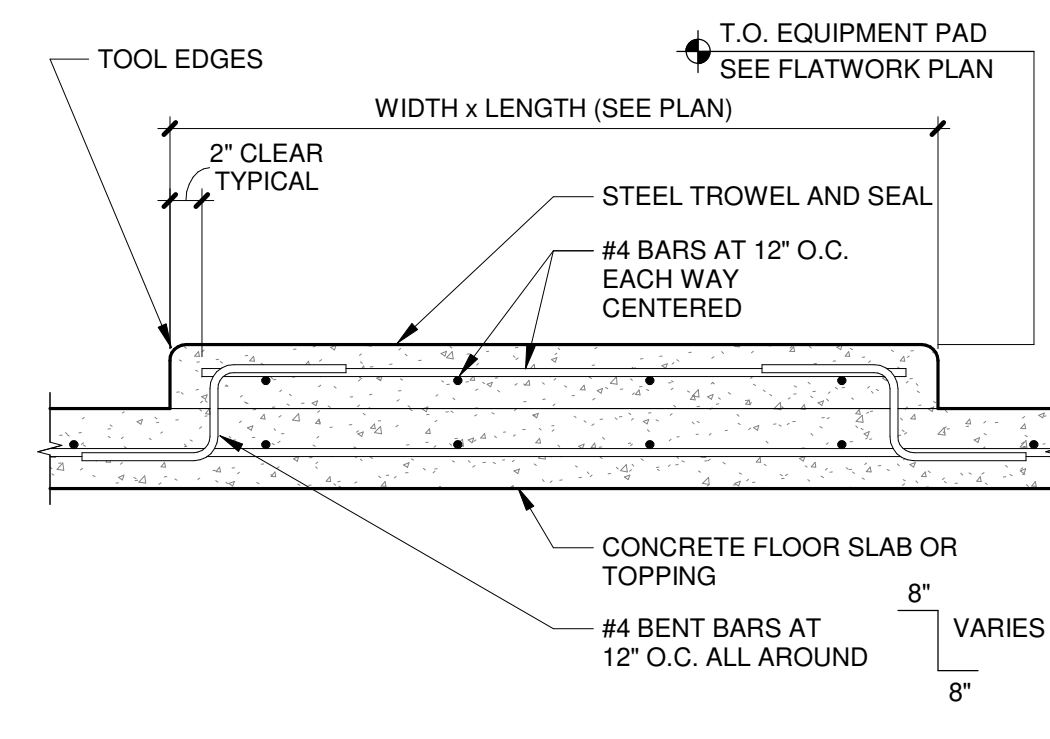
4 TYPICAL GRADE BEAM CONSTRUCTION JOINT
NO SCALE



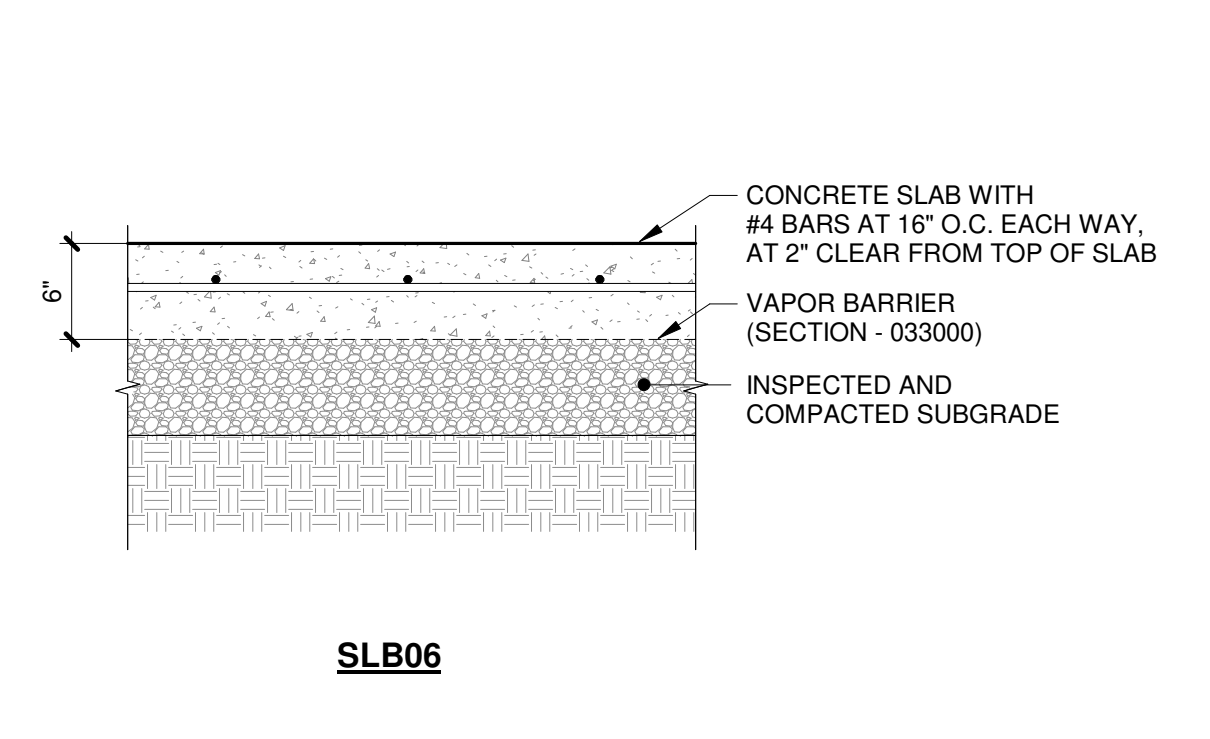
5 TYPICAL GRADE BEAM CORNER/END
NO SCALE



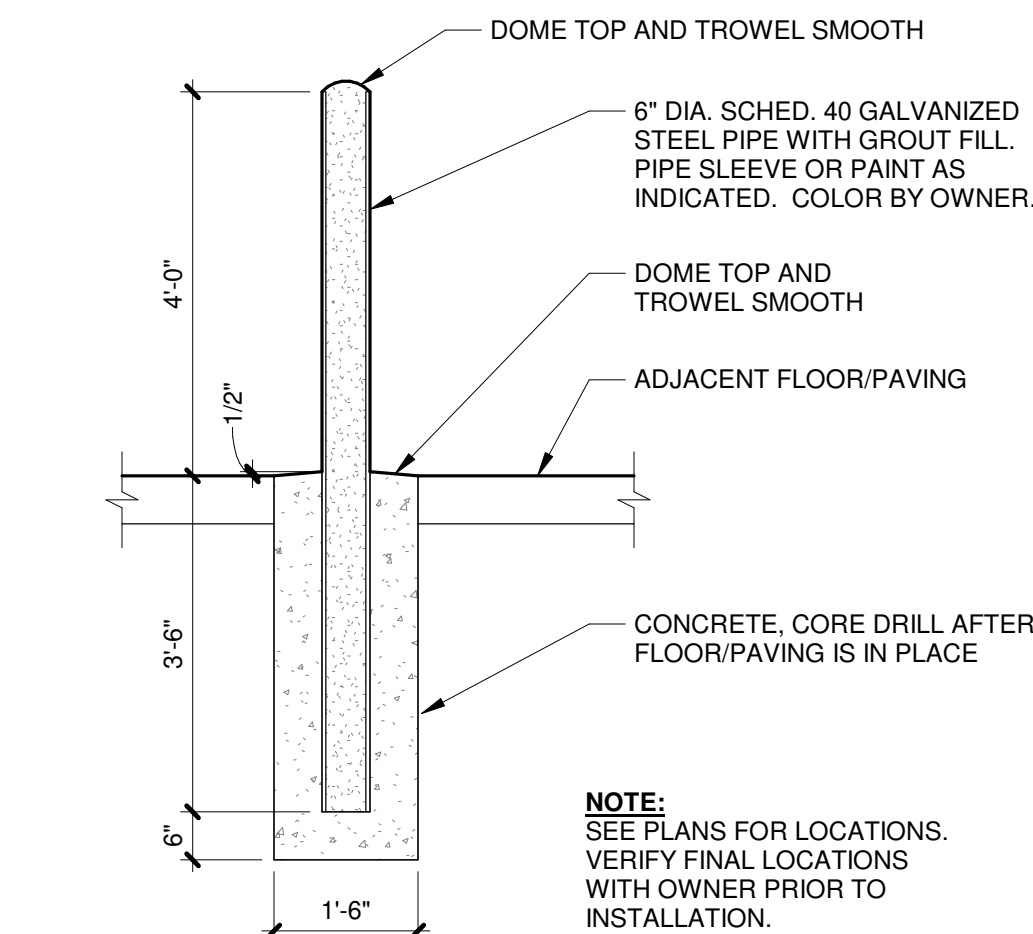
10 CONCRETE TRENCH DRAIN
NO SCALE



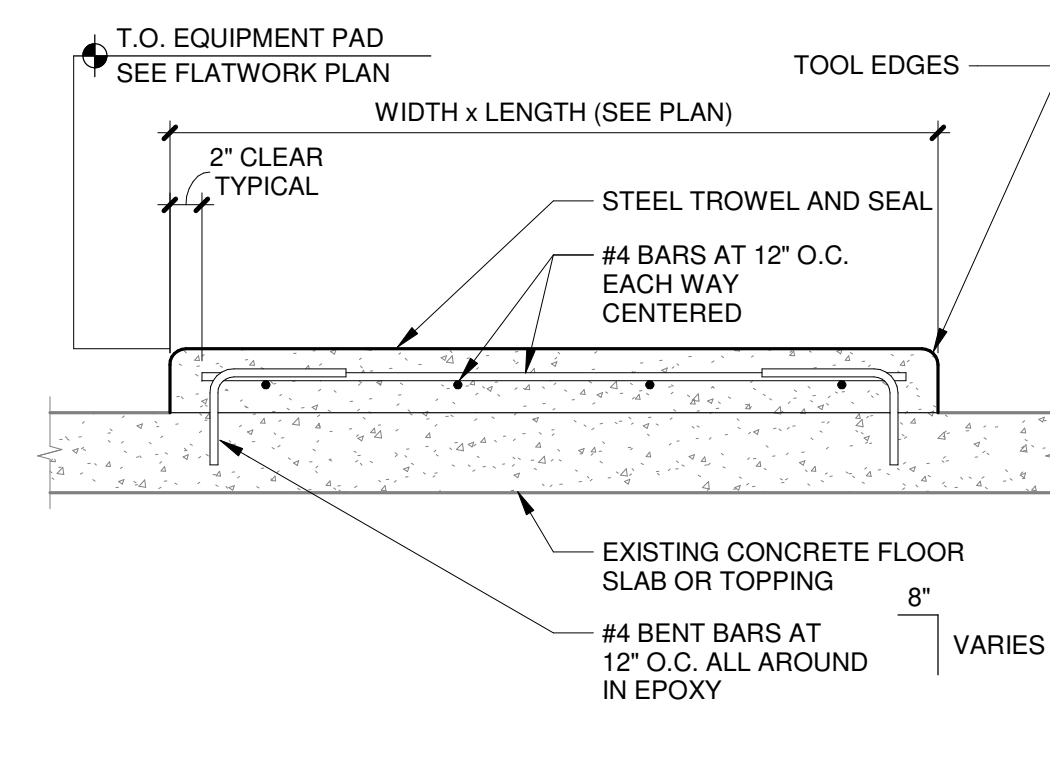
5 EQUIPMENT PADS
NO SCALE



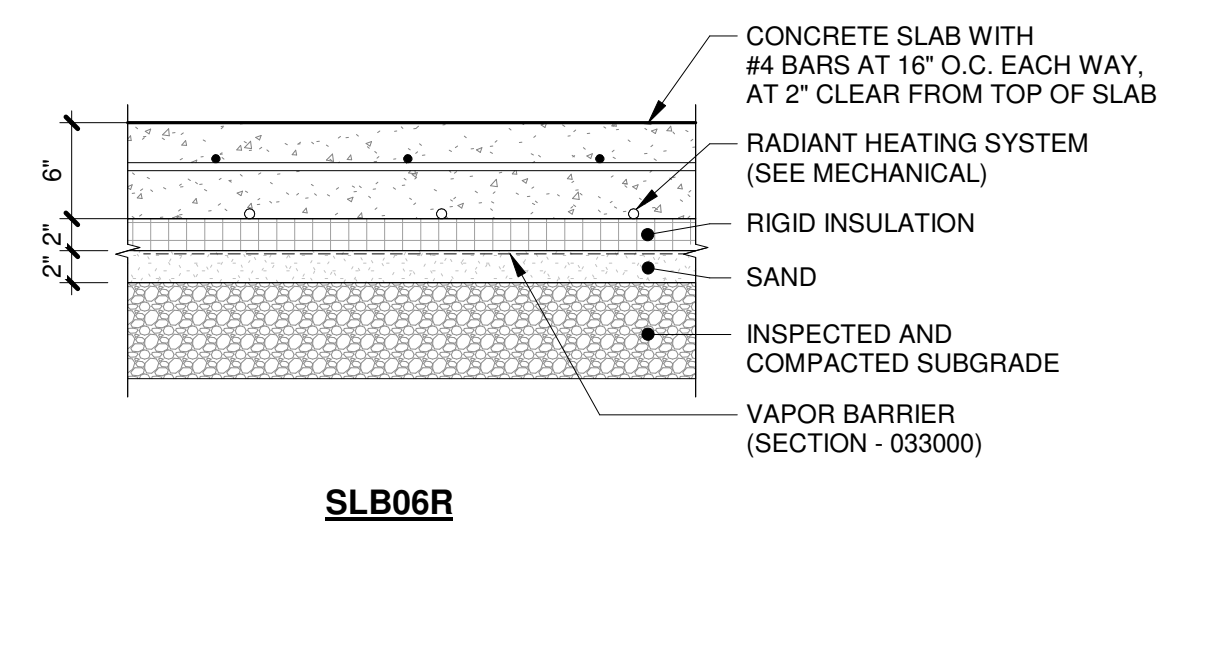
SLB06



11 6" DIAMETER GALVANIZED BOLLARD POST
1/2" = 1'-0"

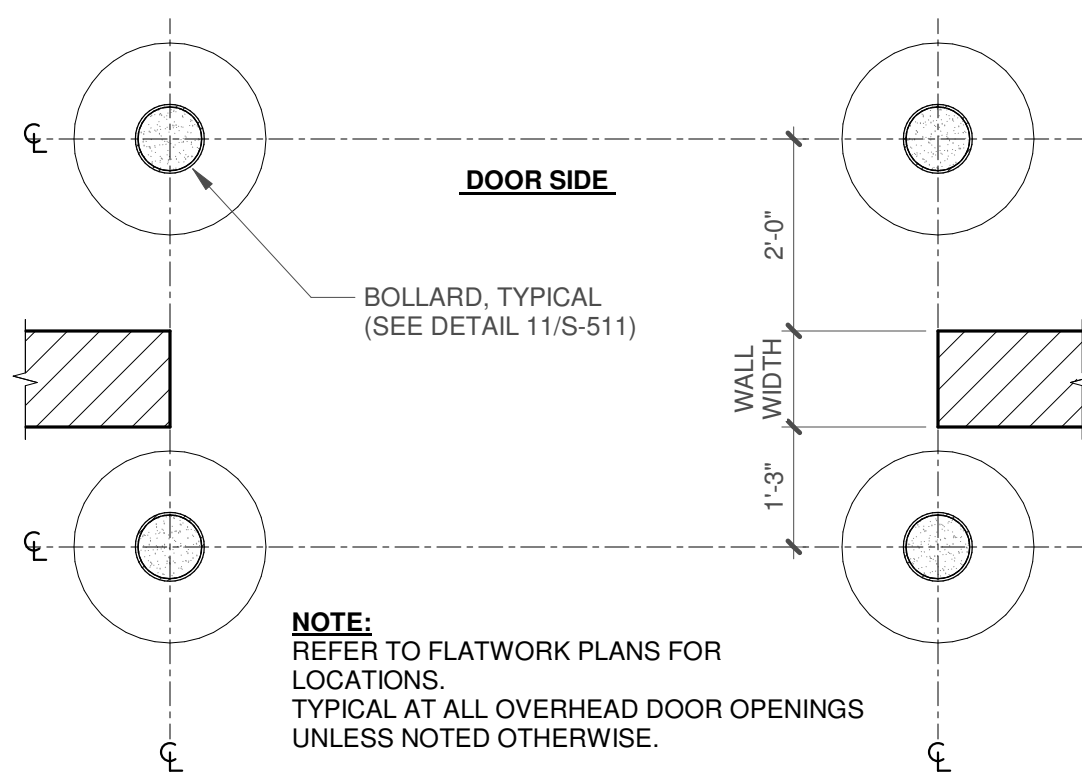


6 EQUIPMENT PADS AT EXISTING
NO SCALE

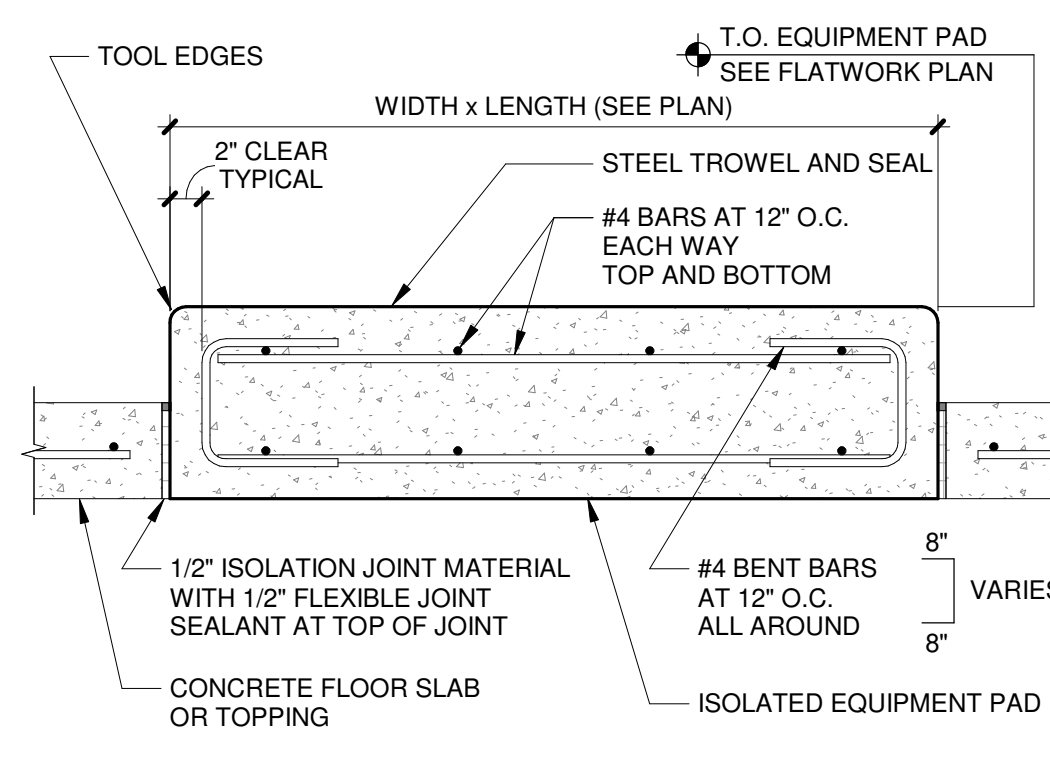


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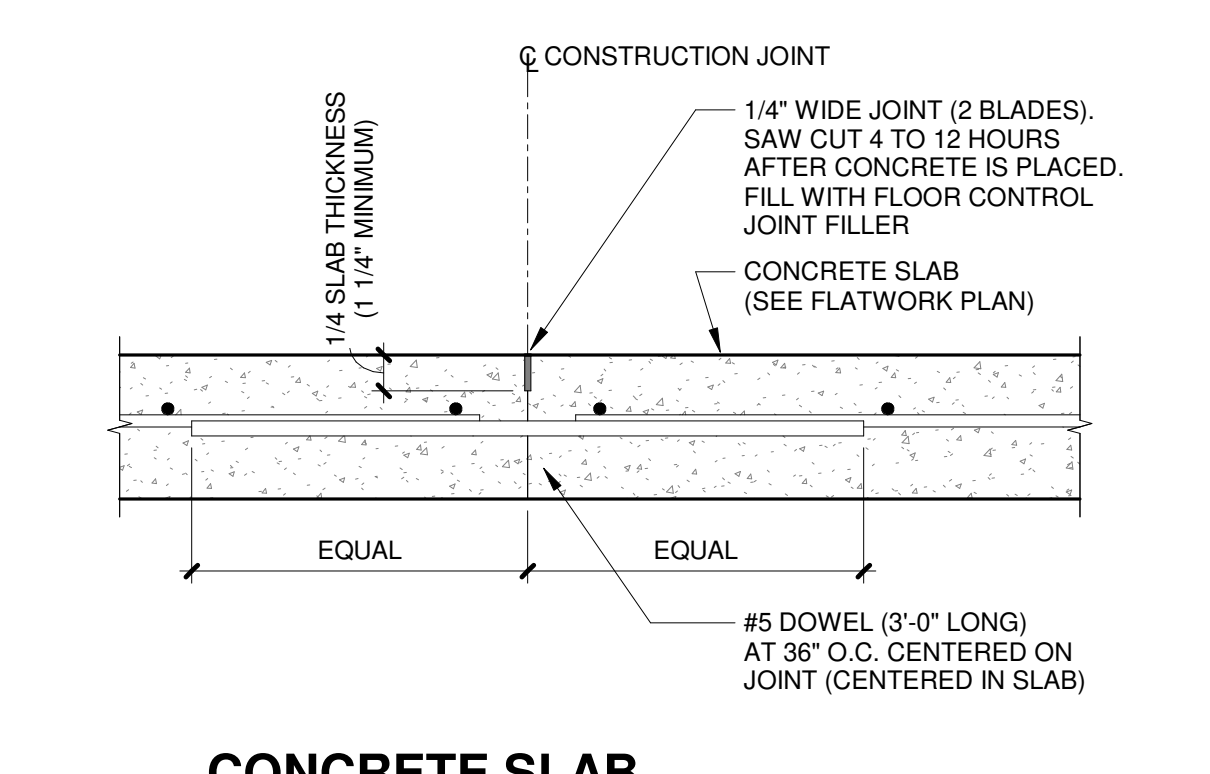
1 STRUCTURAL SLAB TYPES
NO SCALE



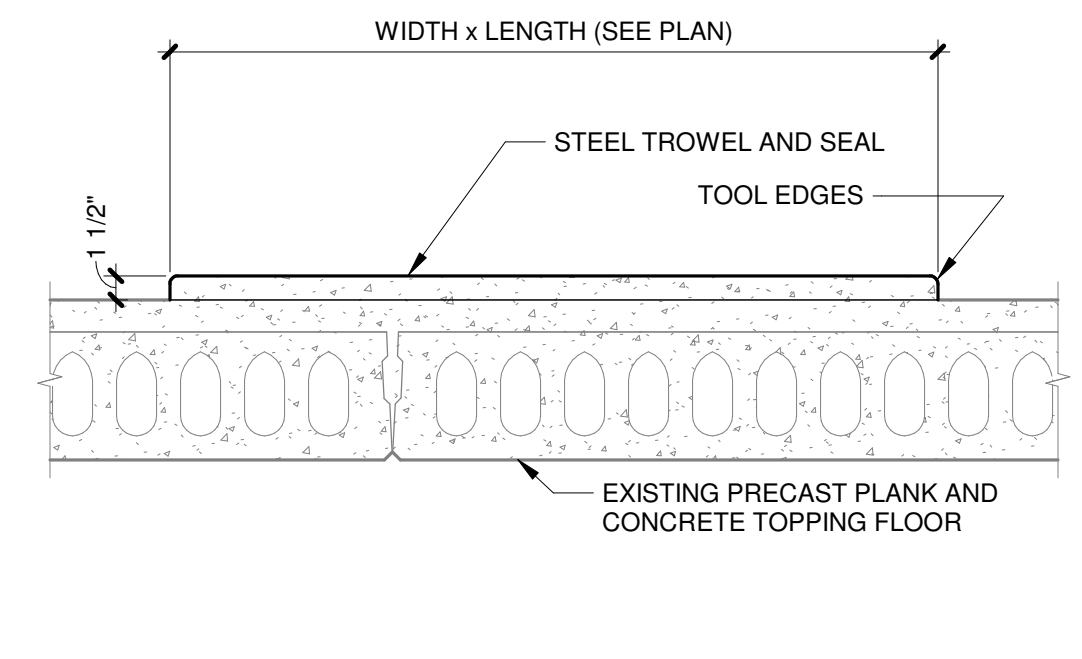
12 BOLLARD LOCATION PLAN
1/2" = 1'-0"



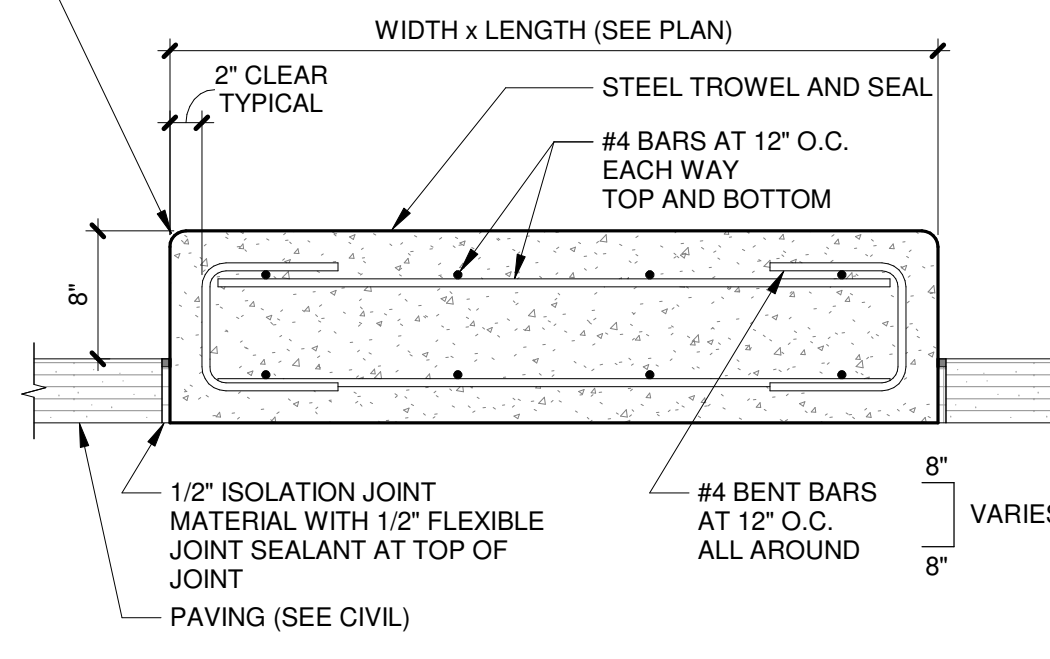
7 ISOLATED EQUIPMENT PADS
NO SCALE



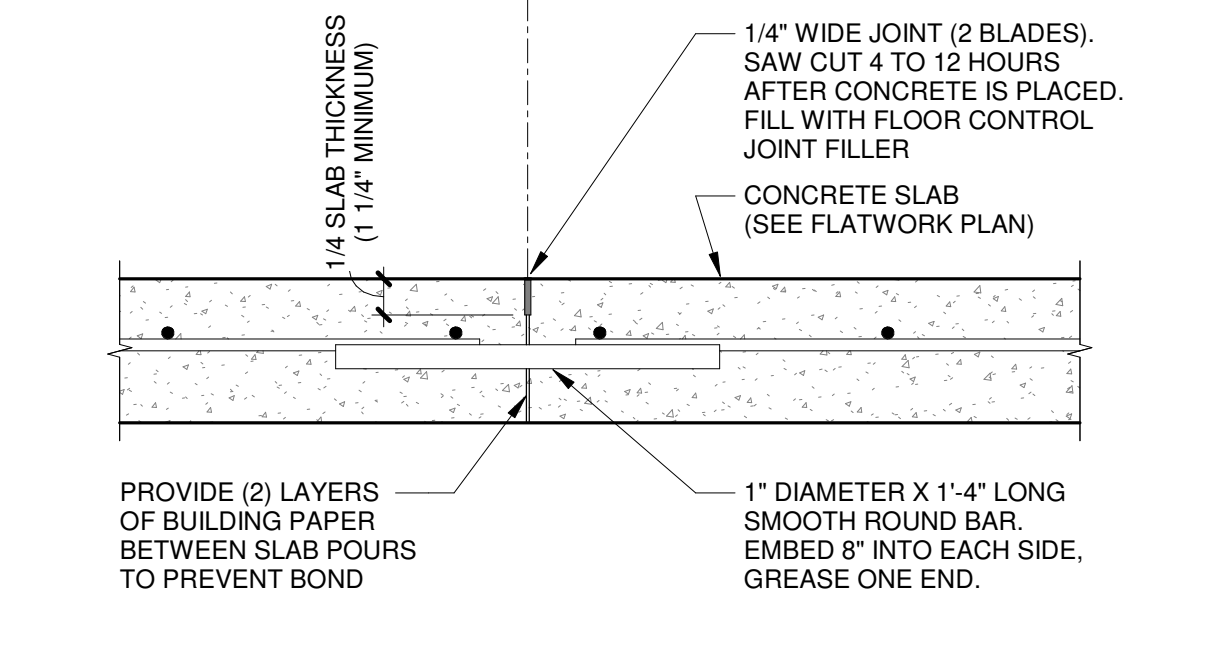
2 CONCRETE SLAB CONSTRUCTION JOINT (TYPICAL)
NO SCALE



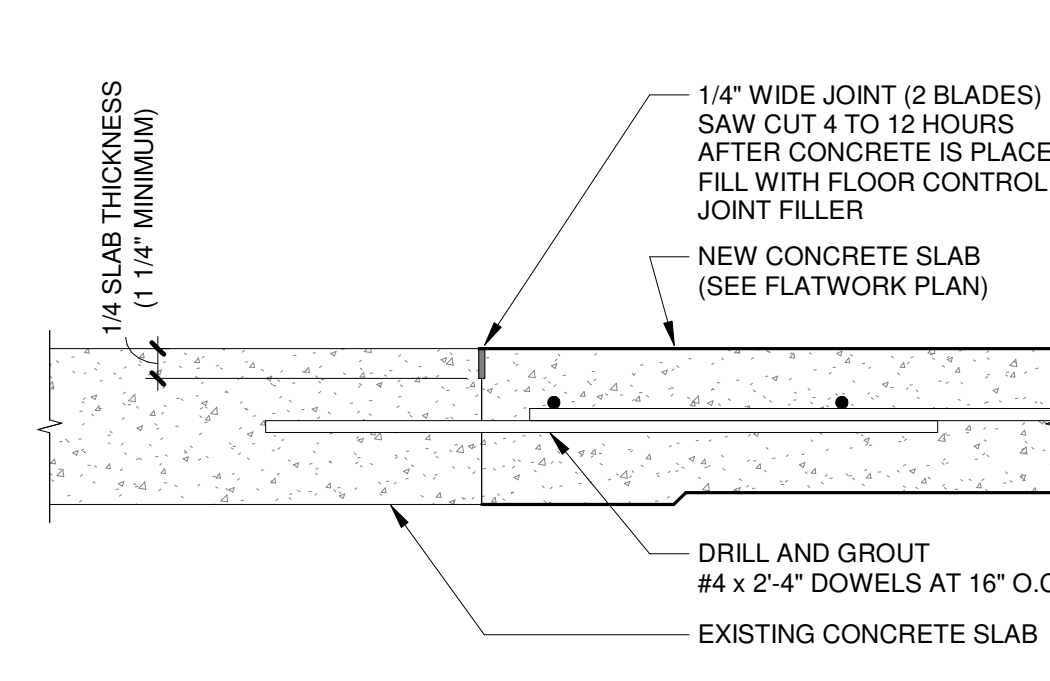
13 EQUIPMENT PADS AT EXISTING MEZZANINE
1" = 1'-0"



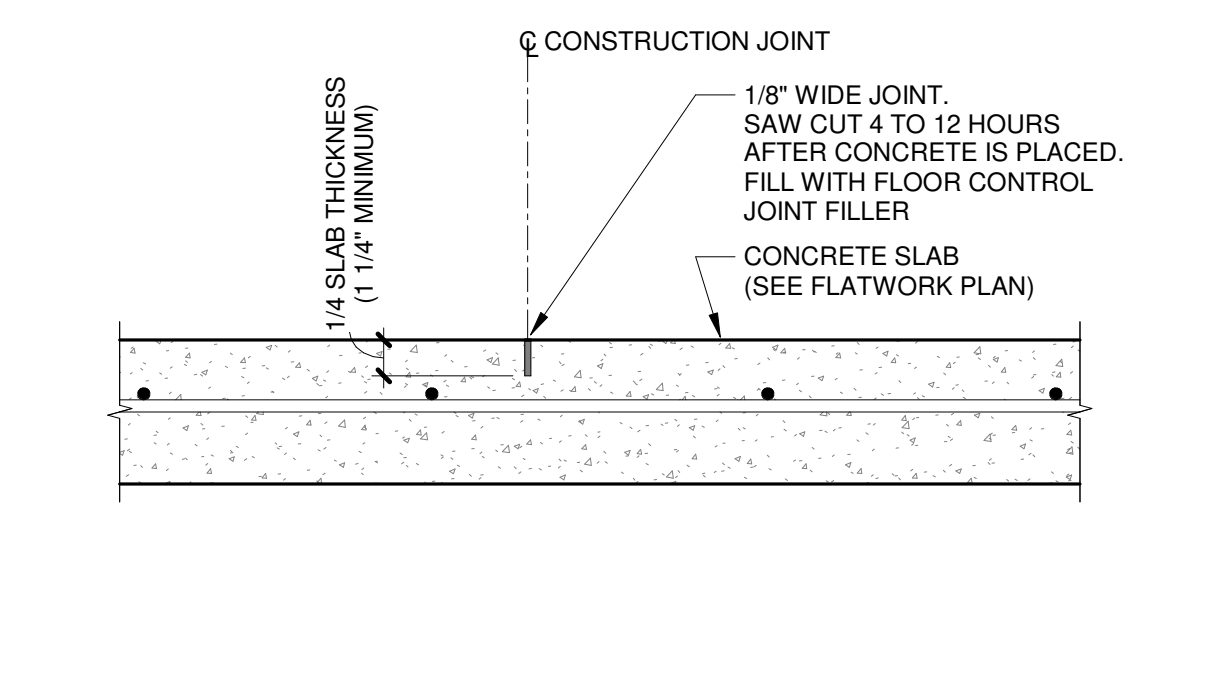
8 EXTERIOR EQUIPMENT PAD
NO SCALE



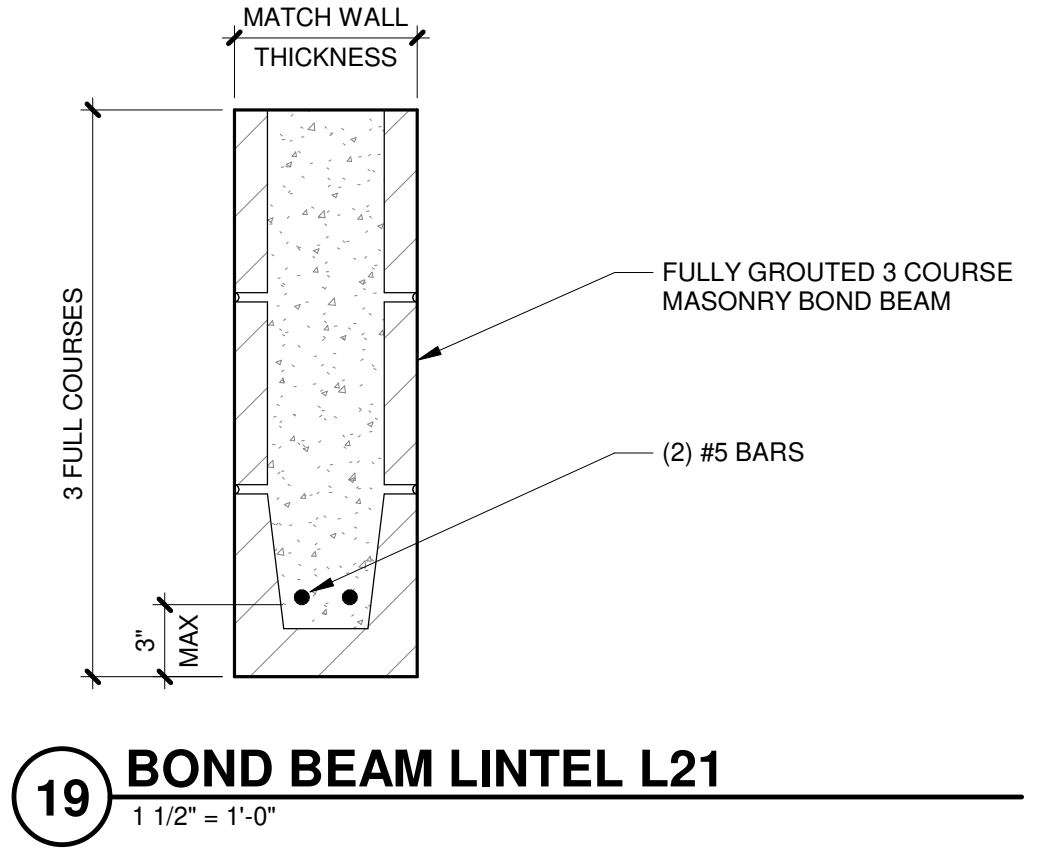
3 CONCRETE SLAB CONSTRUCTION CONTROL JOINT "CCJ" (TYPICAL)
NO SCALE



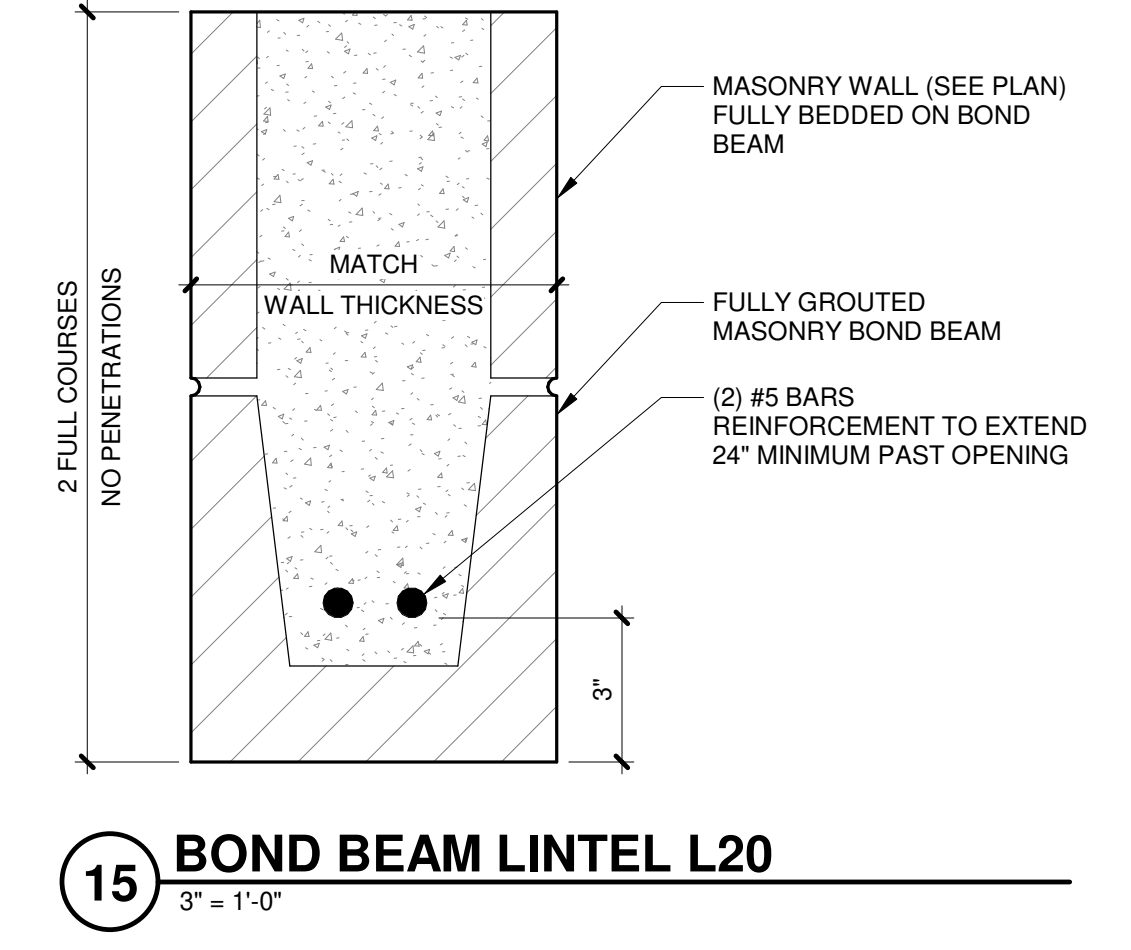
9 NEW SLAB AT EXISTING
NO SCALE



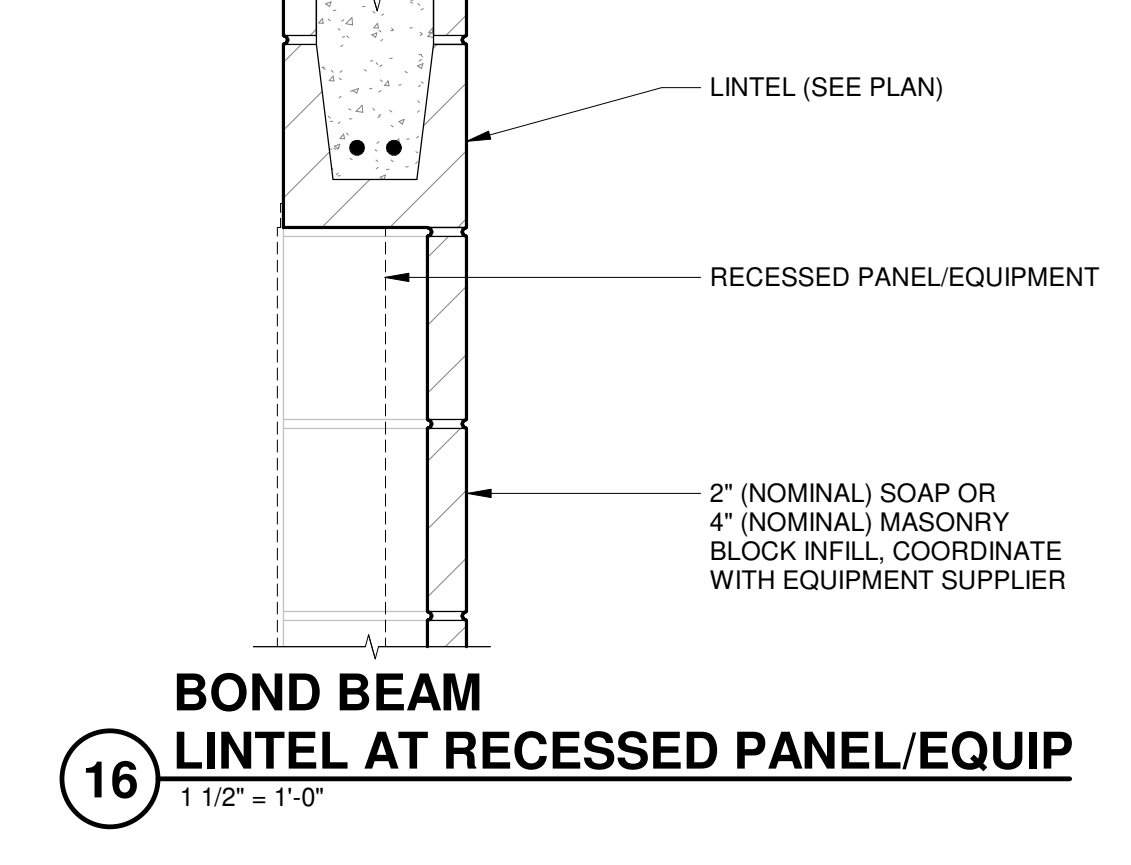
4 CONCRETE SLAB CONTROL JOINT "CJ" (TYPICAL)
NO SCALE



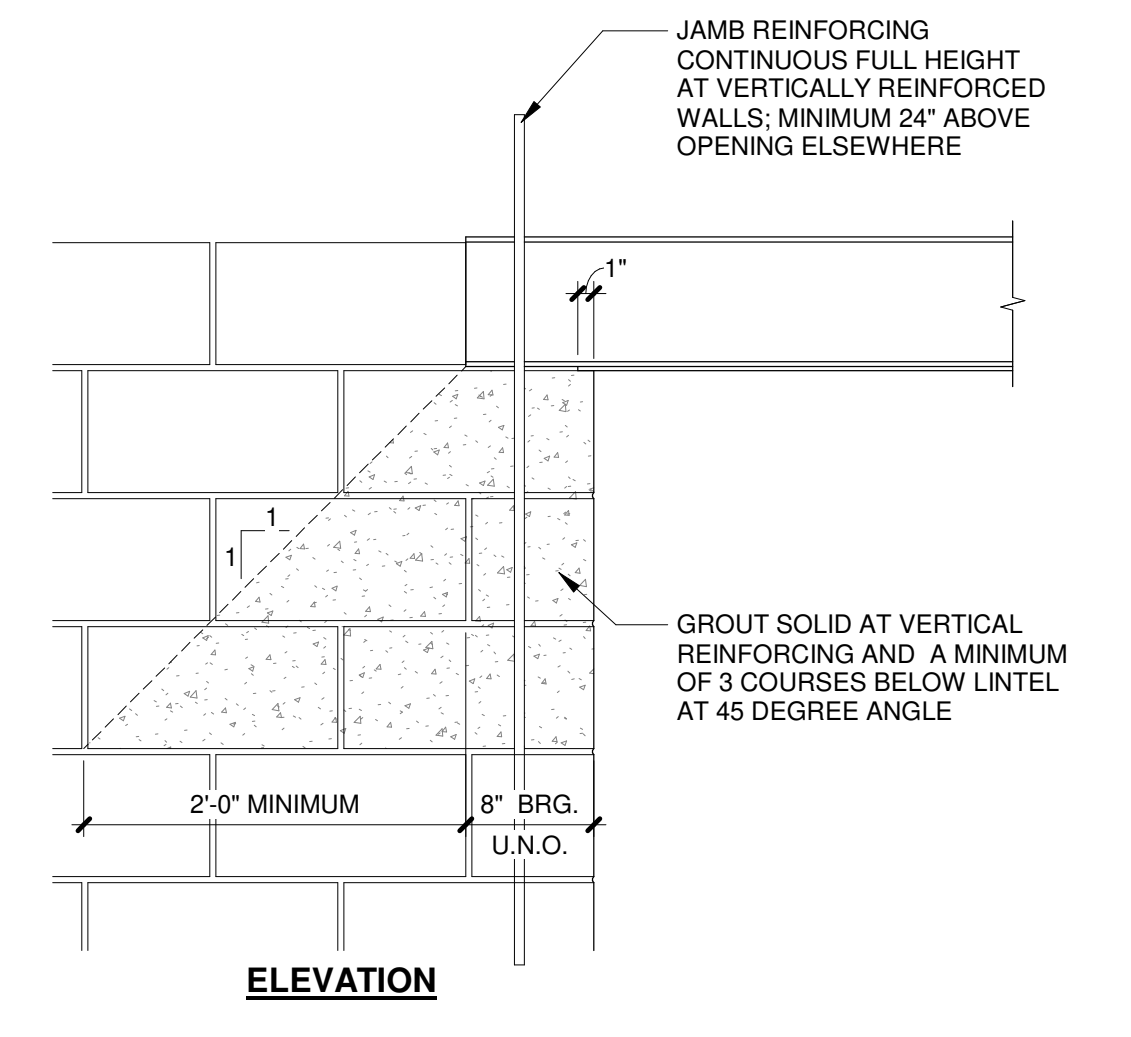
19 BOND BEAM LINTEL L21
1 1/2" = 1'-0"



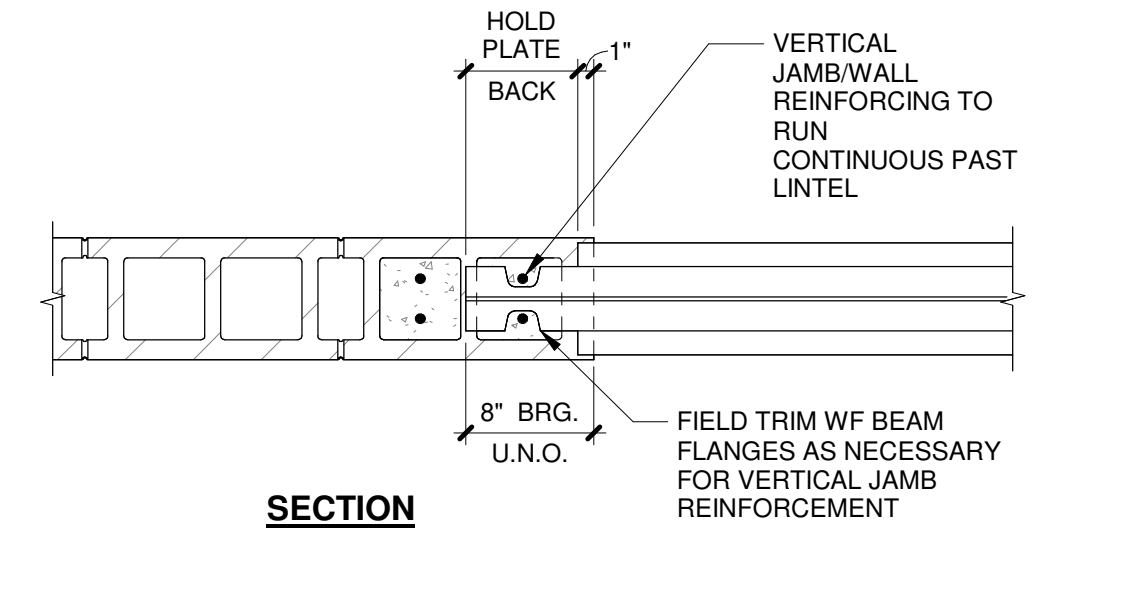
15 BOND BEAM LINTEL L20
3\"/>



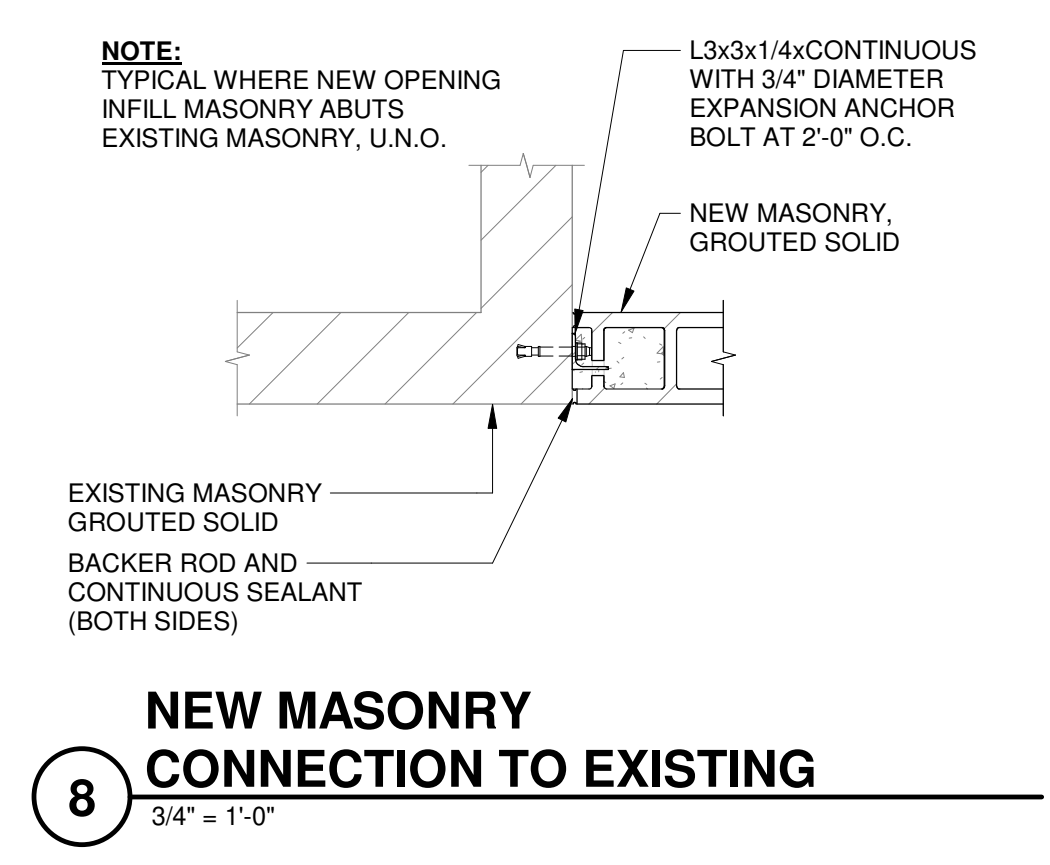
16 BOND BEAM LINTEL AT RECESSED PANEL/EQUIP
1 1/2" = 1'-0"



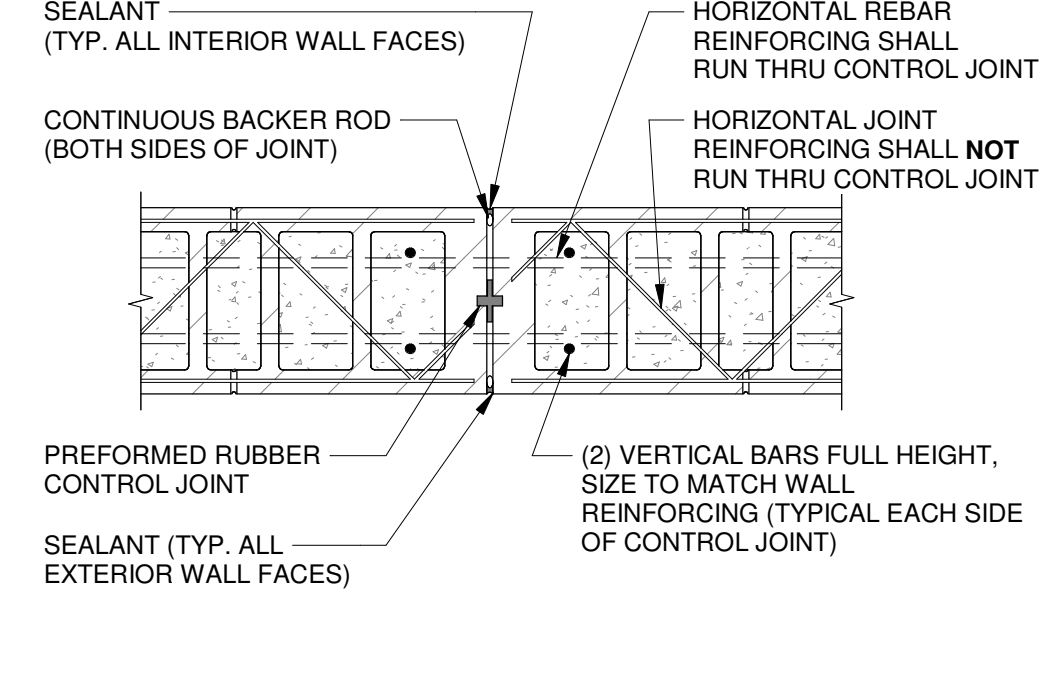
8 NEW MASONRY CONNECTION TO EXISTING
3/4\"/>



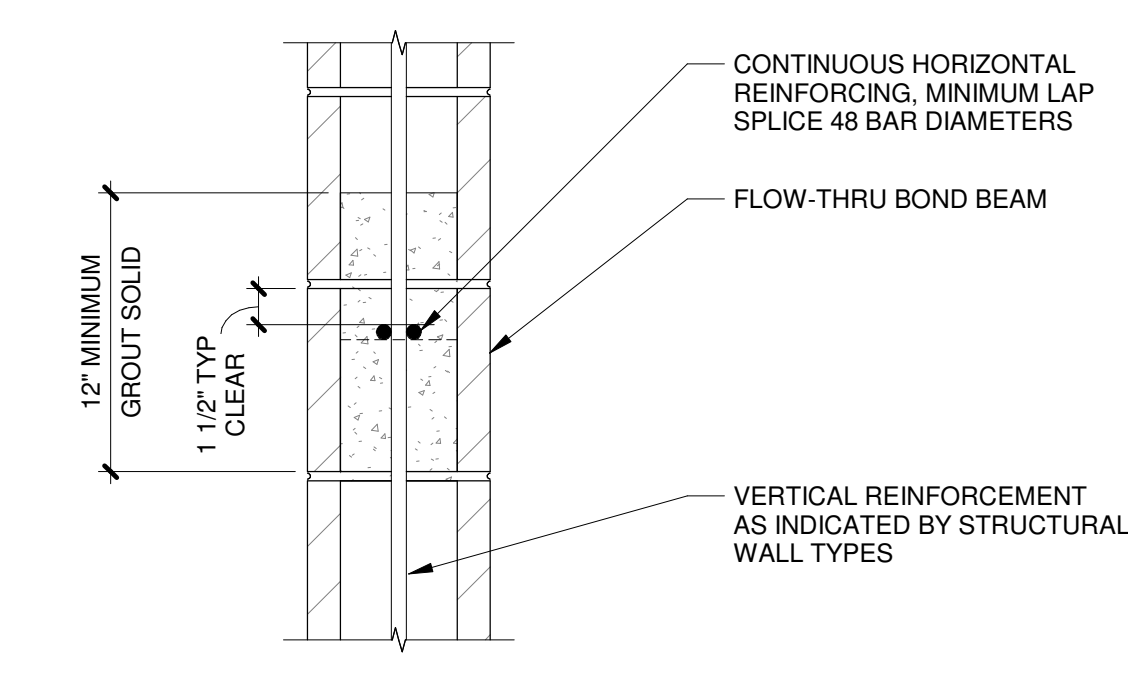
12 WF BEAM LINTEL BEARING
1\"/>



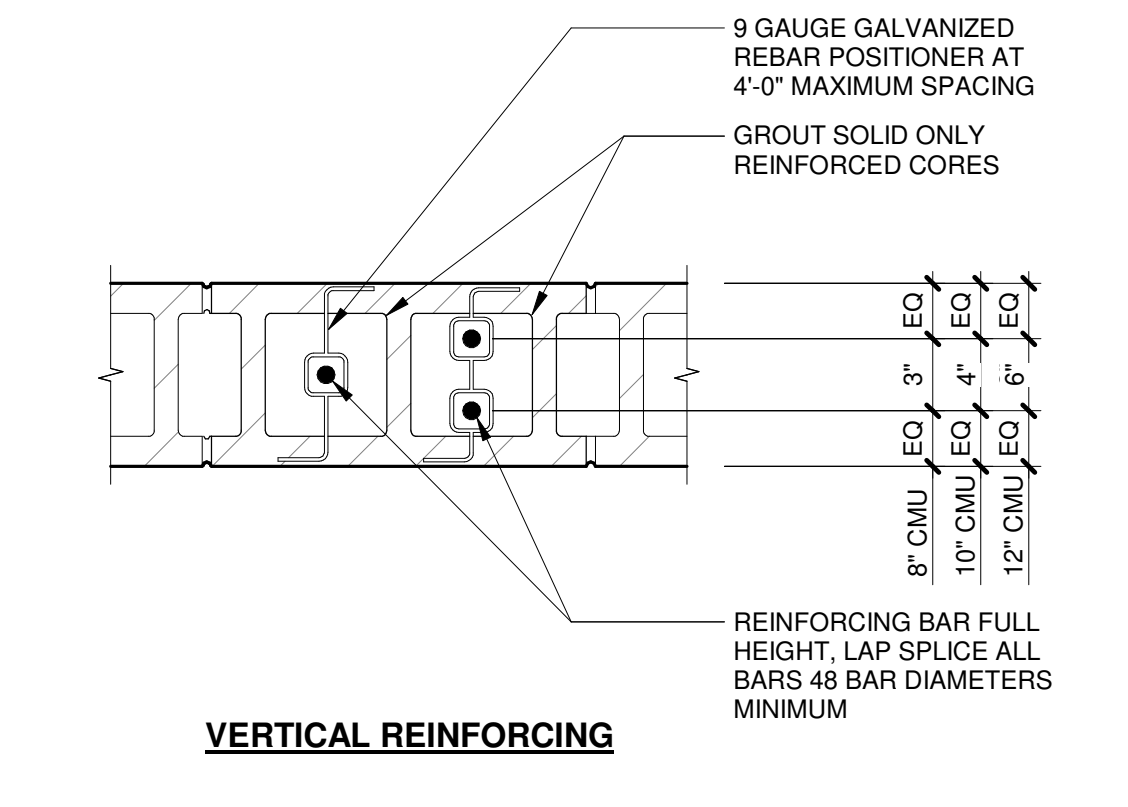
4 TYPICAL MASONRY BOND BEAM INTERSECTION
3/4\"/>



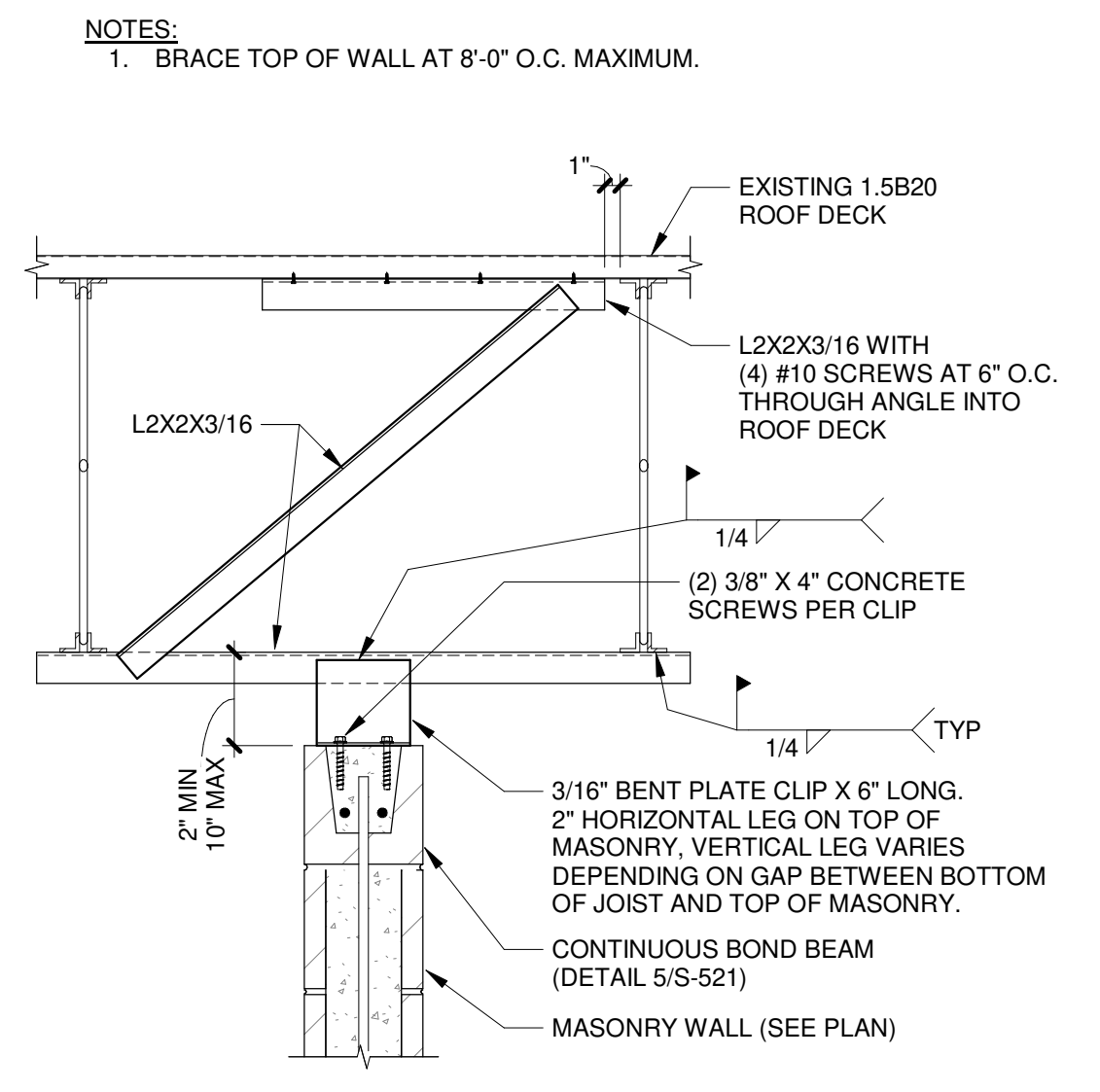
5 TYPICAL MASONRY CONTROL JOINT
1\"/>



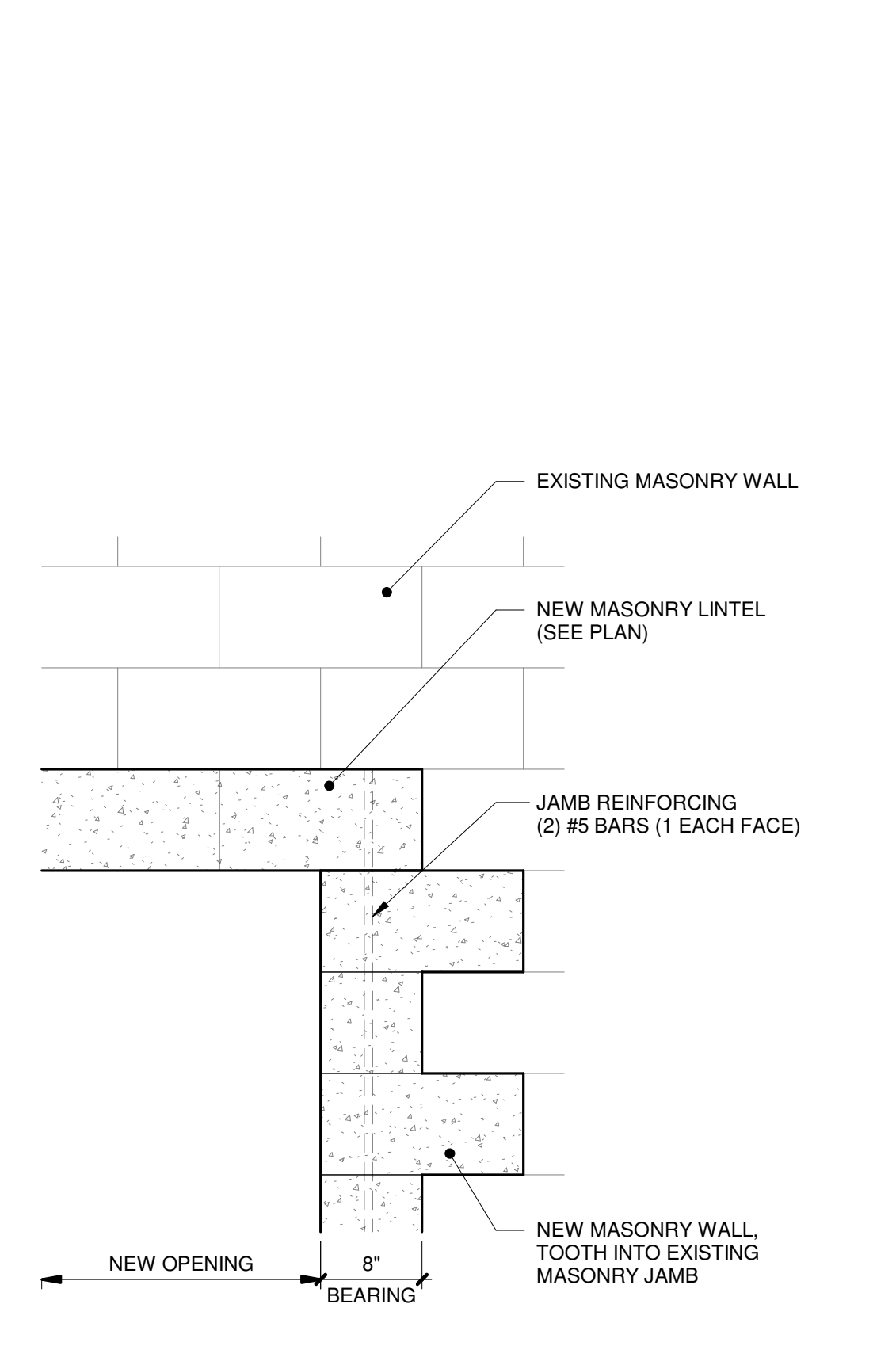
1 TYPICAL BAR PLACEMENT IN MASONRY CORE
1 1/2" = 1'-0"



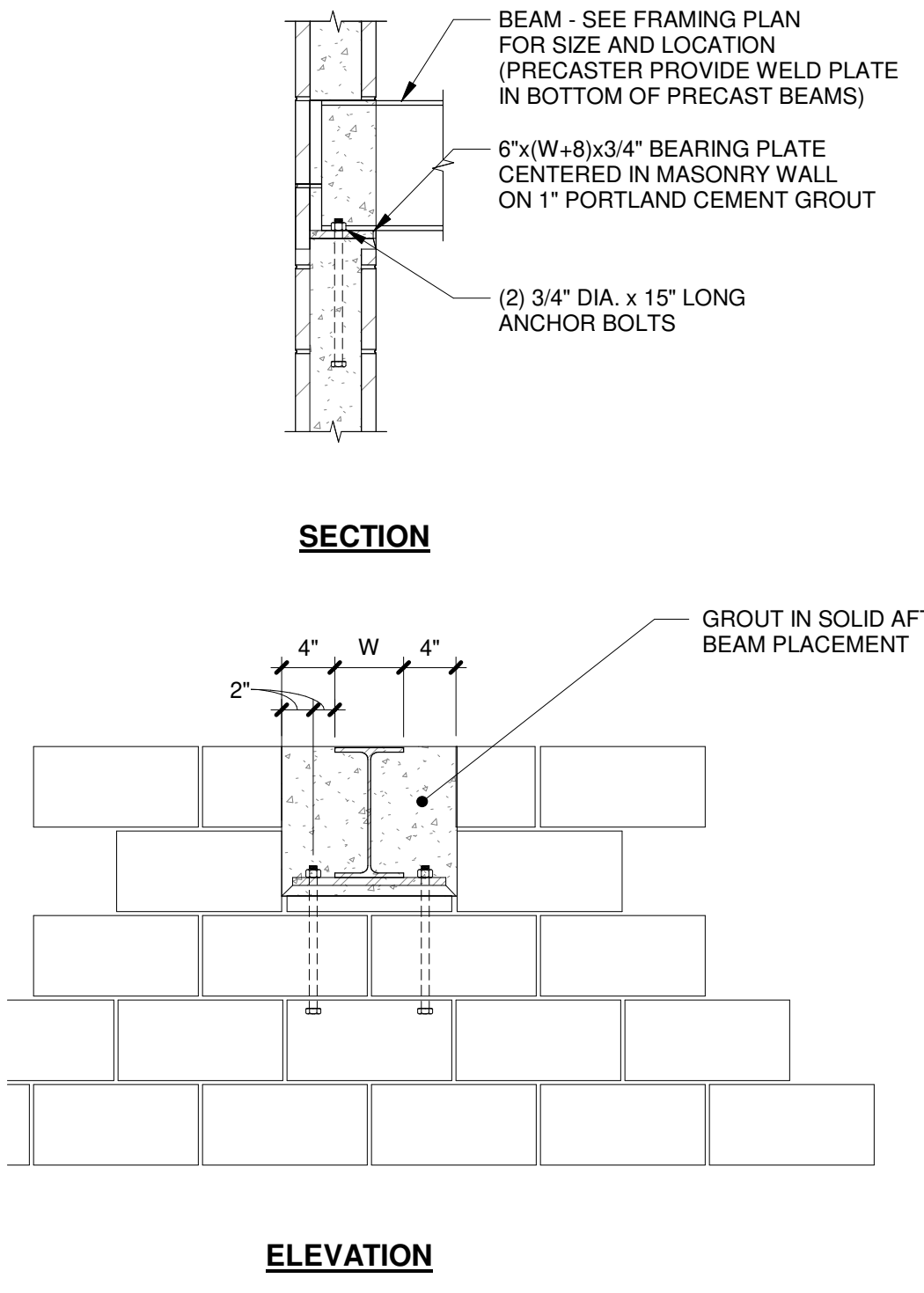
2 TYPICAL REBAR PLACEMENT IN MASONRY WALL
1\"/>



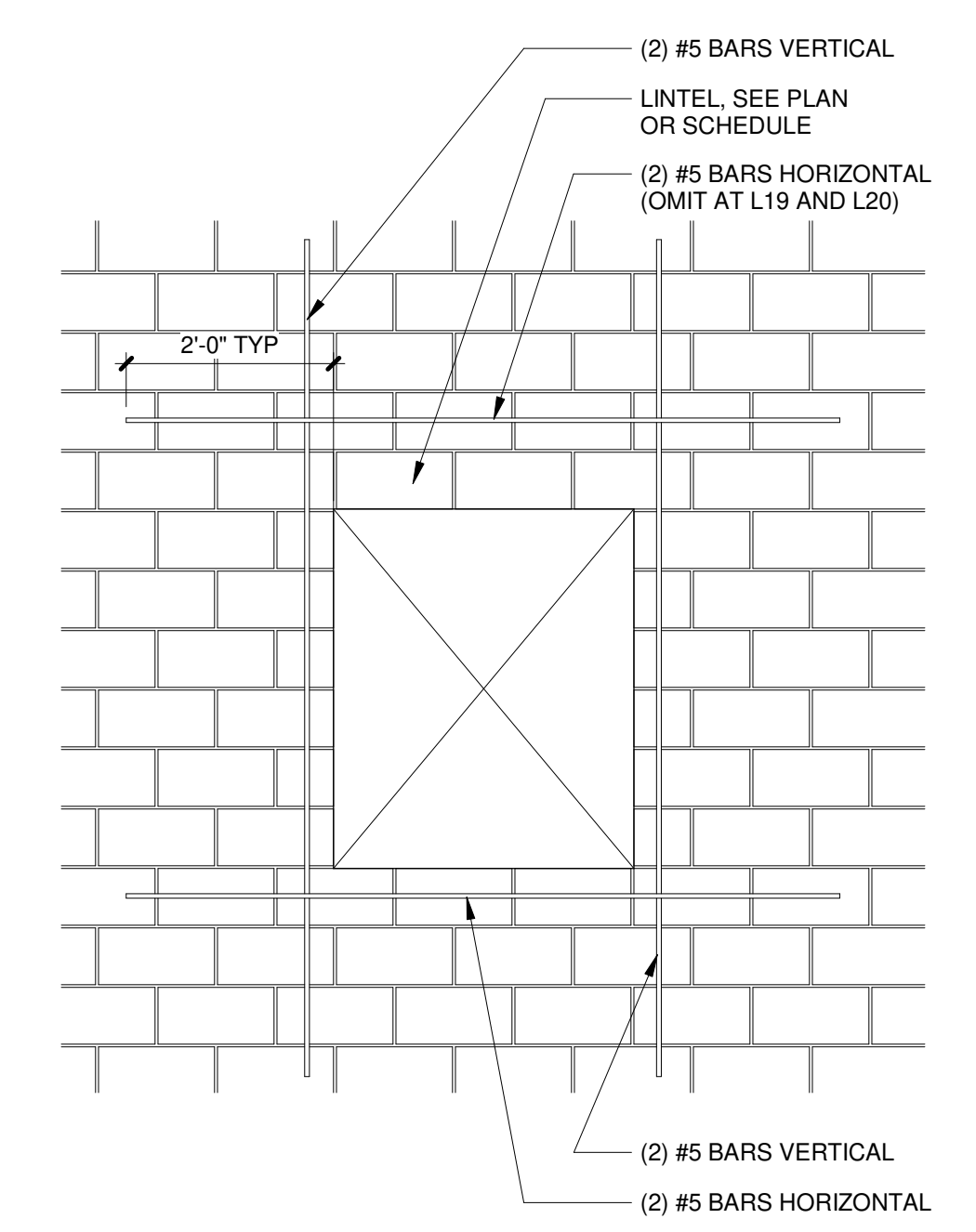
17 TYPICAL TOP OF WALL BRACING WALL PARALLEL TO JOIST
1\"/>



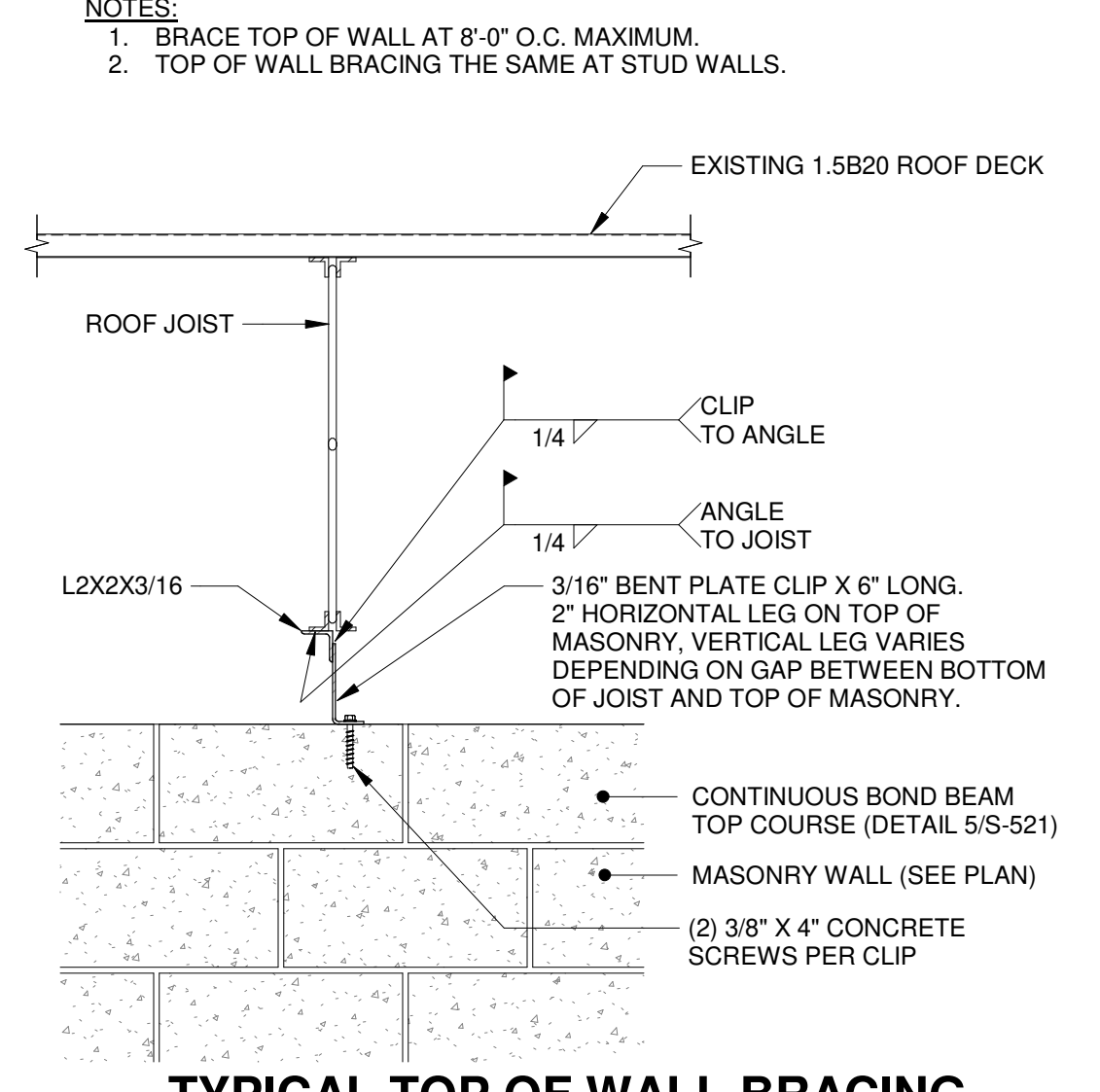
13 NEW MASONRY LINTEL AT EXISTING MASONRY WALL
1\"/>



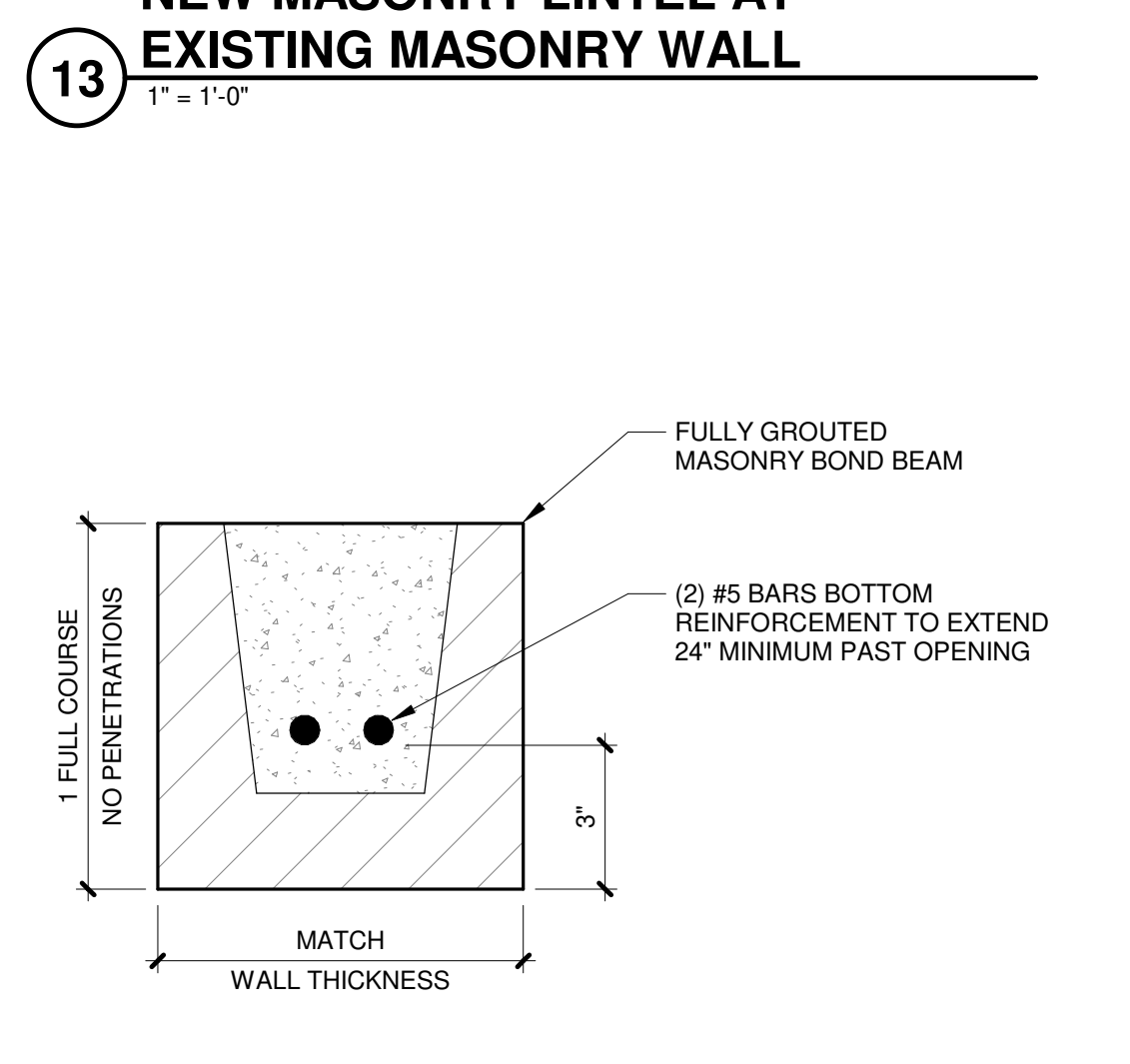
10 STEEL BEAM BEARING ON MASONRY
3/4\"/>



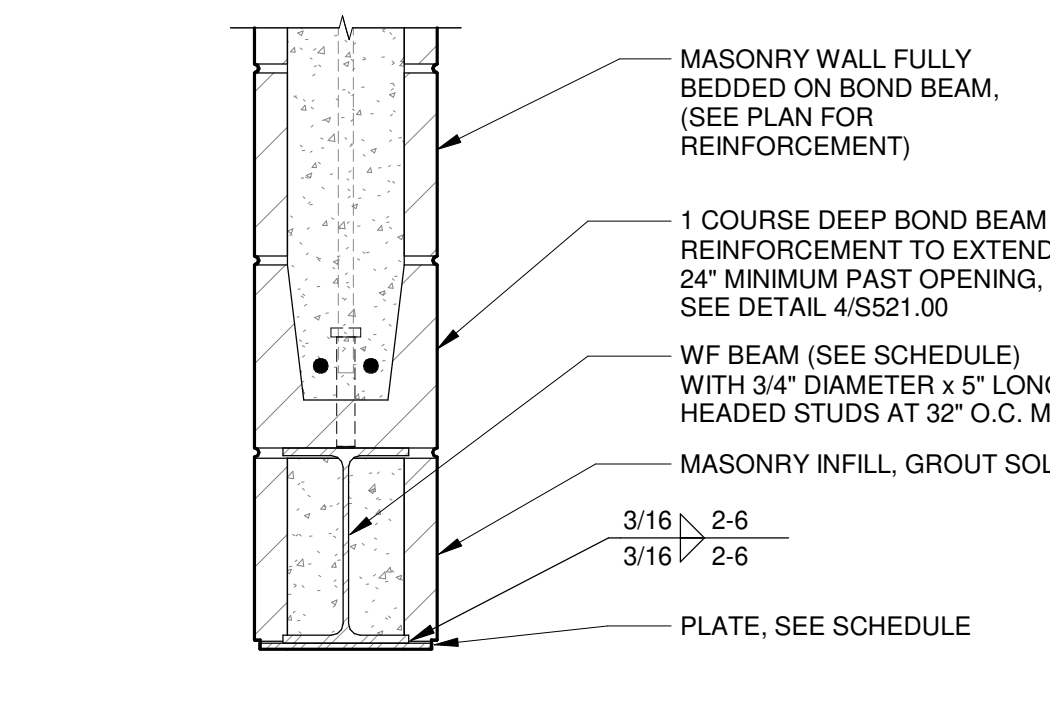
6 TYPICAL MASONRY OPENING REINFORCEMENT
1 1/2" = 1'-0"



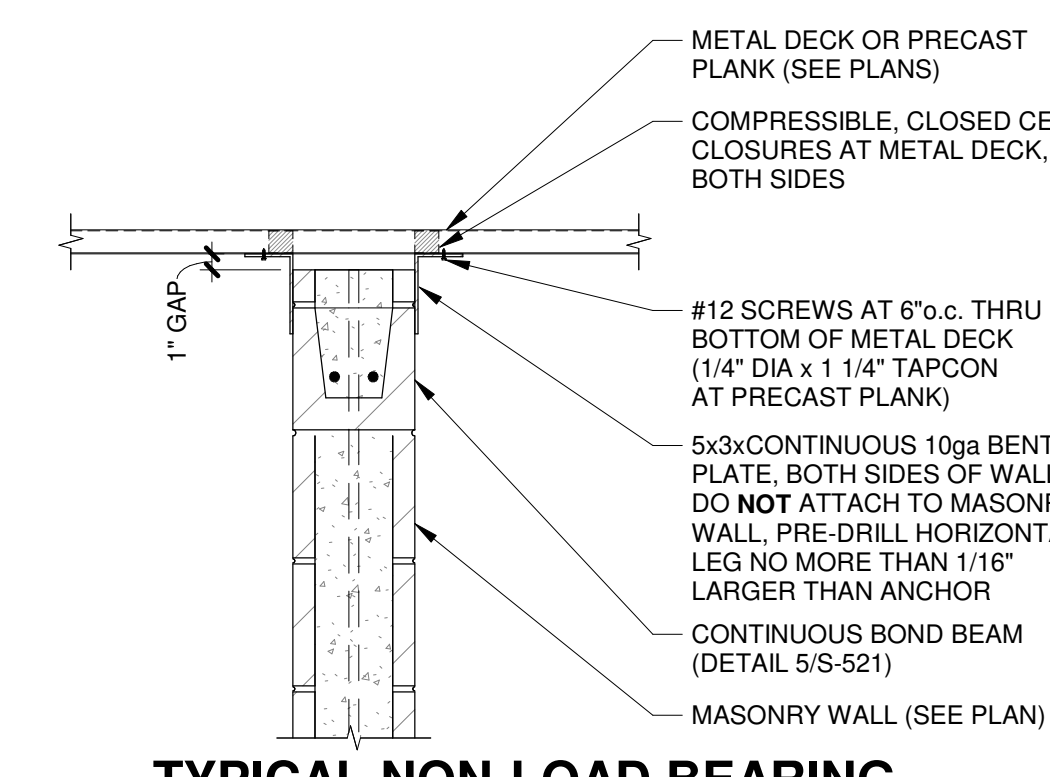
18 TYPICAL TOP OF WALL BRACING WALL PERPENDICULAR TO JOIST
1\"/>



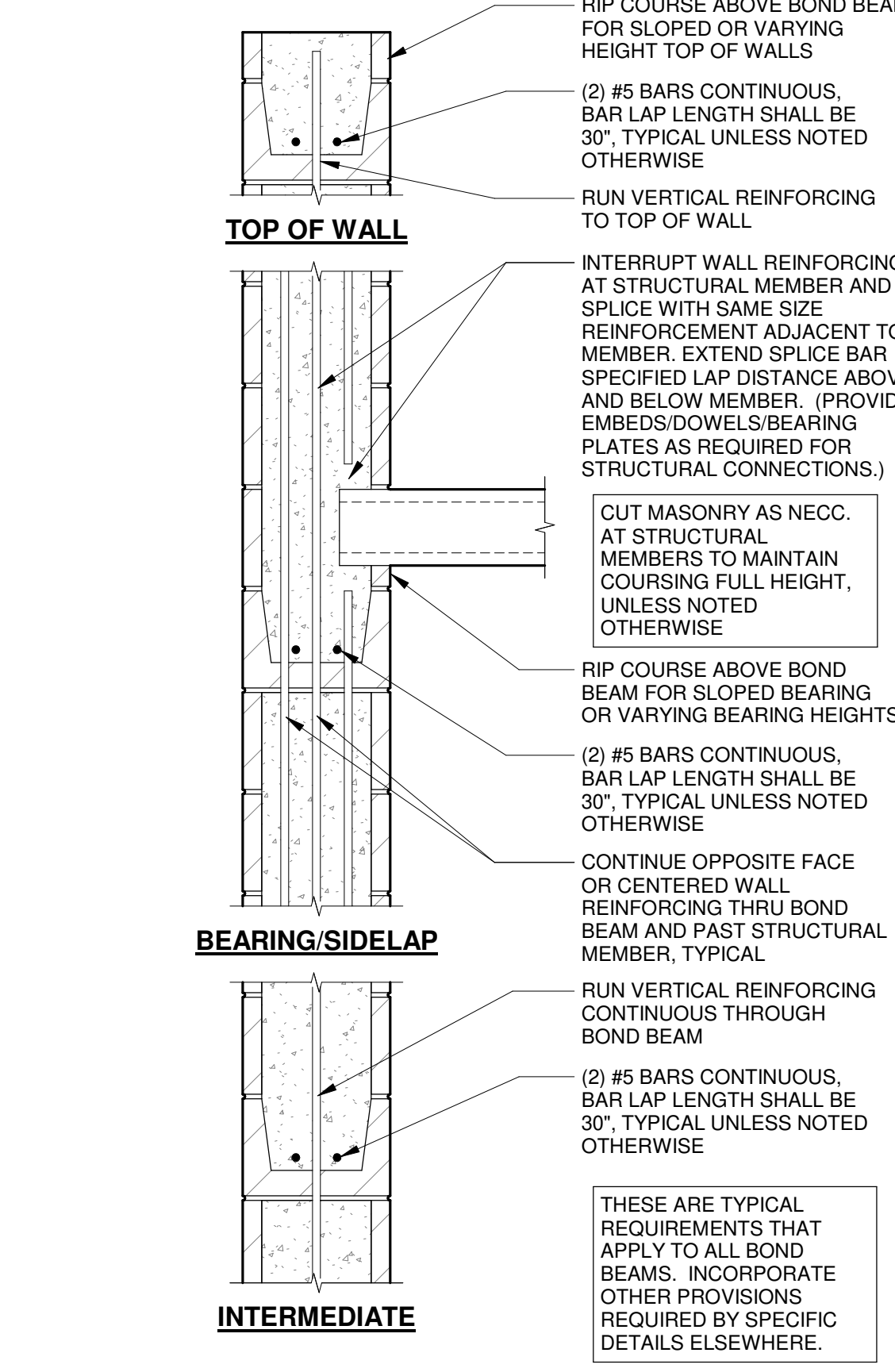
14 BOND BEAM LINTEL L19
3\"/>



11 WF BEAM LINTEL
1 1/2" = 1'-0"



7 TYPICAL NON-LOAD BEARING MASONRY WALL TOP CONNECTION
1\"/>



3 TYPICAL MASONRY BOND BEAM
1\"/>

4/6/2021 6:24:40 PM C:\Revit\Local\190626.03-S-FC3-Amo_msk.dwg\meadhunt.com.rvt

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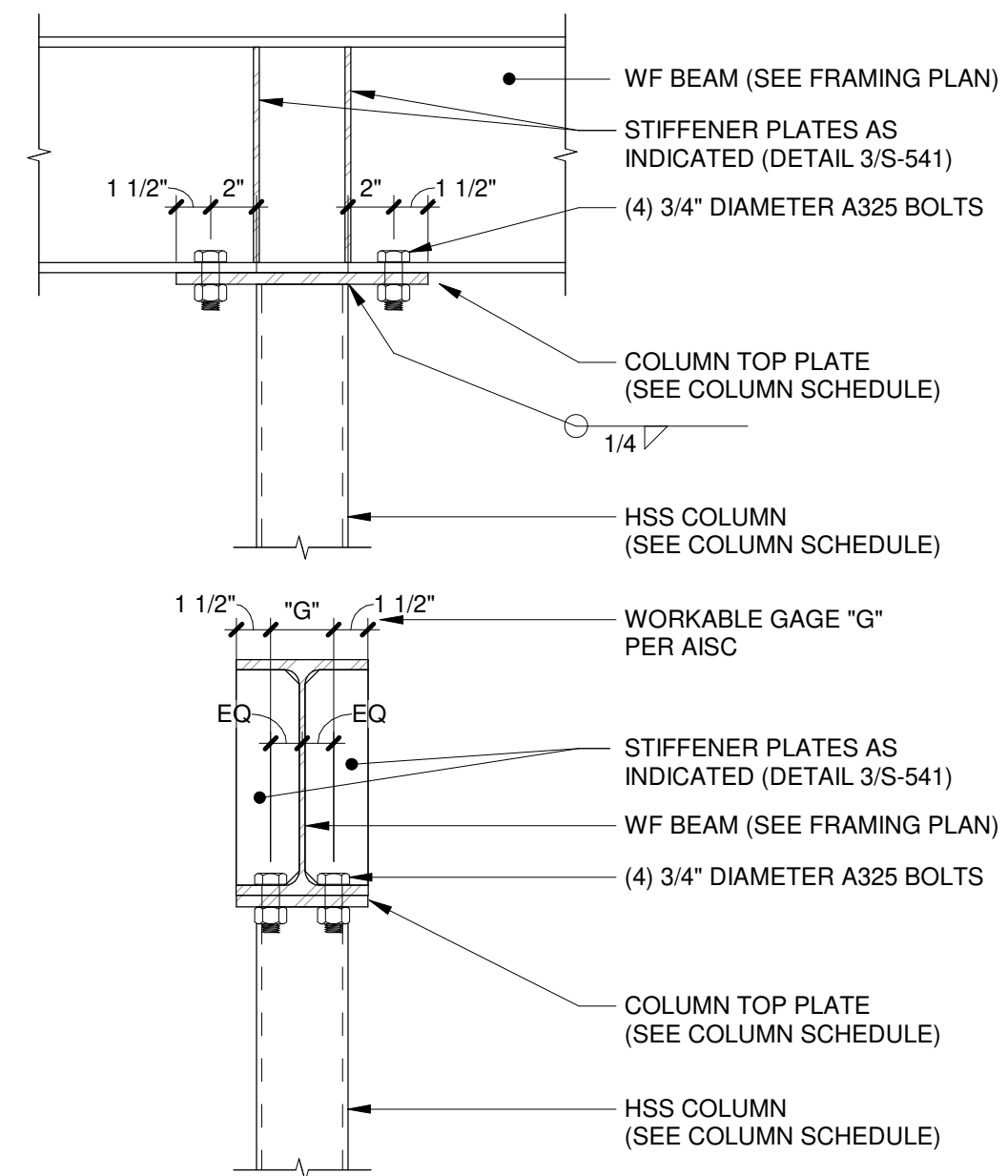


**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

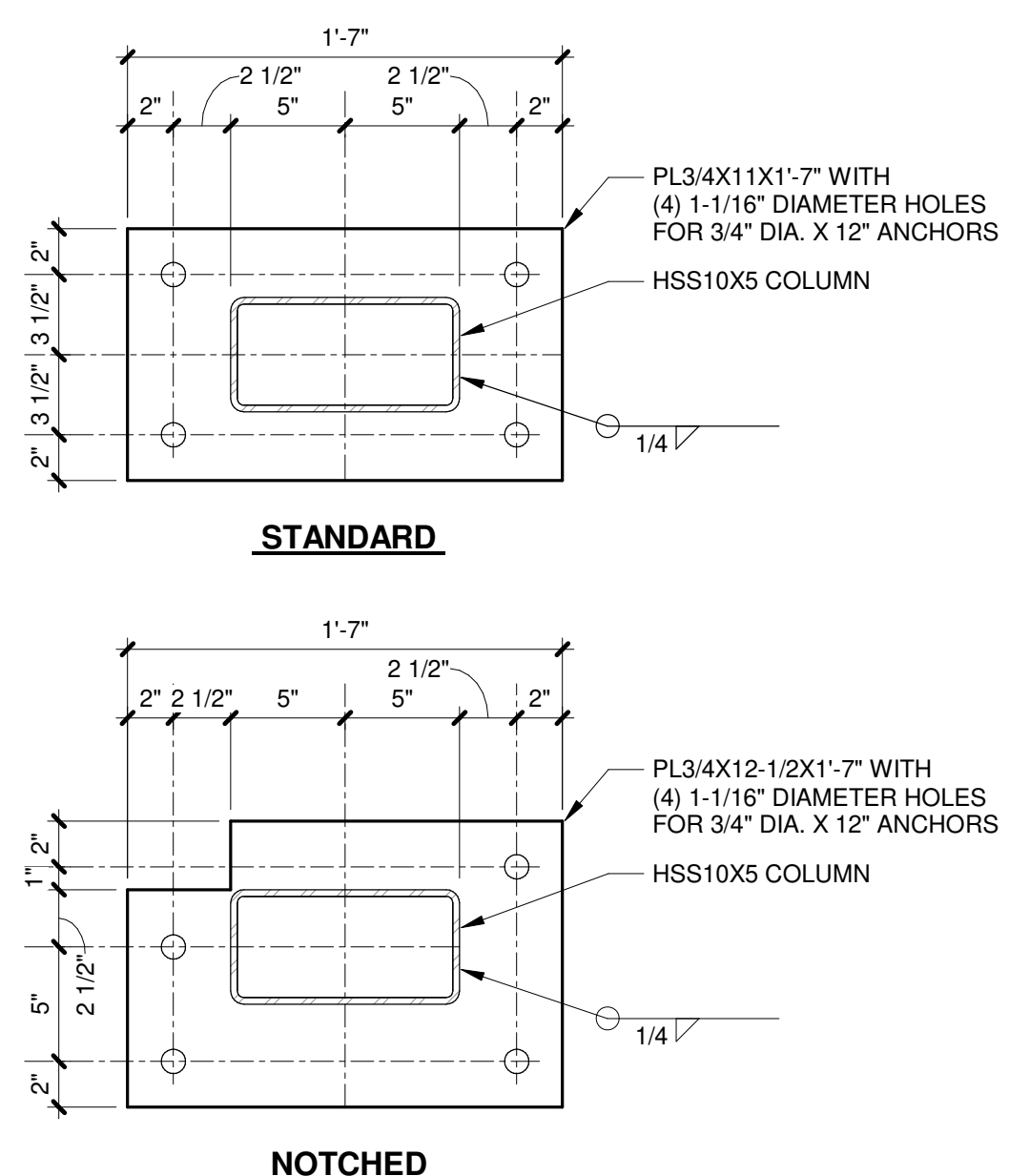
ISSUED: 04/08/21 BID SET

CONTRACT NO.: 8981
RAW NO.: 4503500-1908096.03
DATE: APRIL 8, 2021
DESIGNED BY: DXC
DRAWN BY: NJB / MJE
CHECKED BY: DRM
DO NOT SCALE DRAWINGS

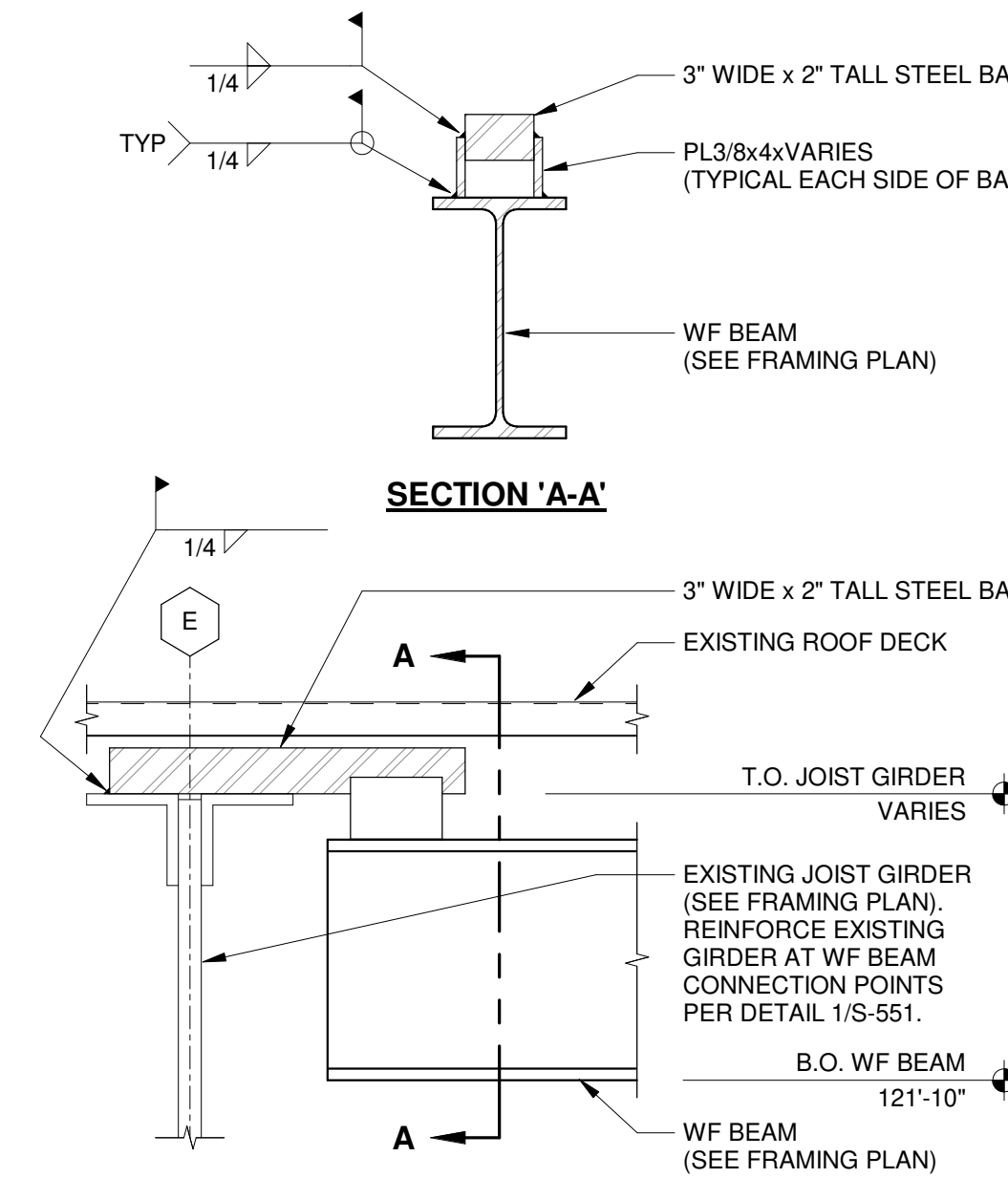
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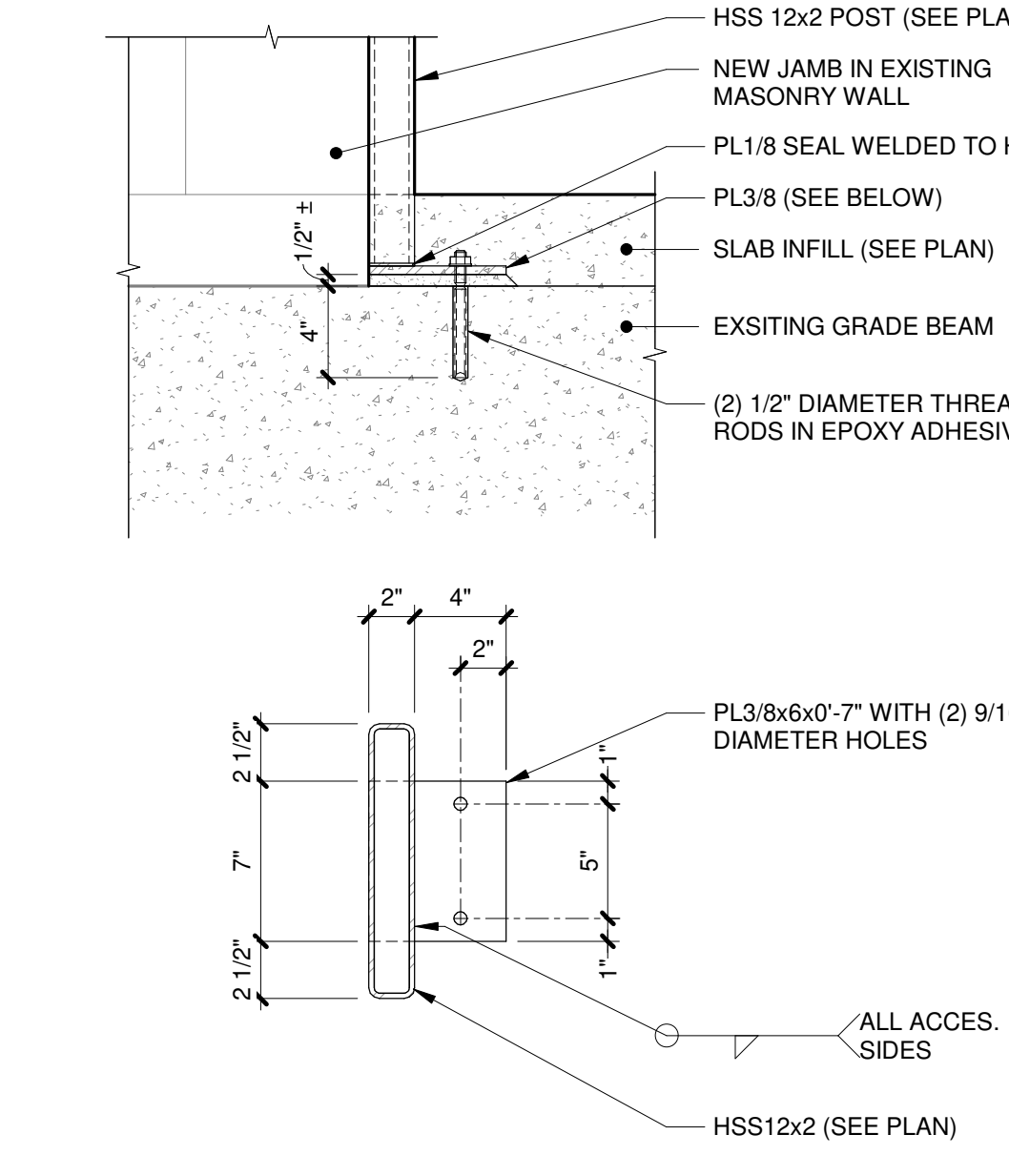
20 TYPICAL WF BEAM OVER HSS COLUMN
1 1/2" = 1'-0"



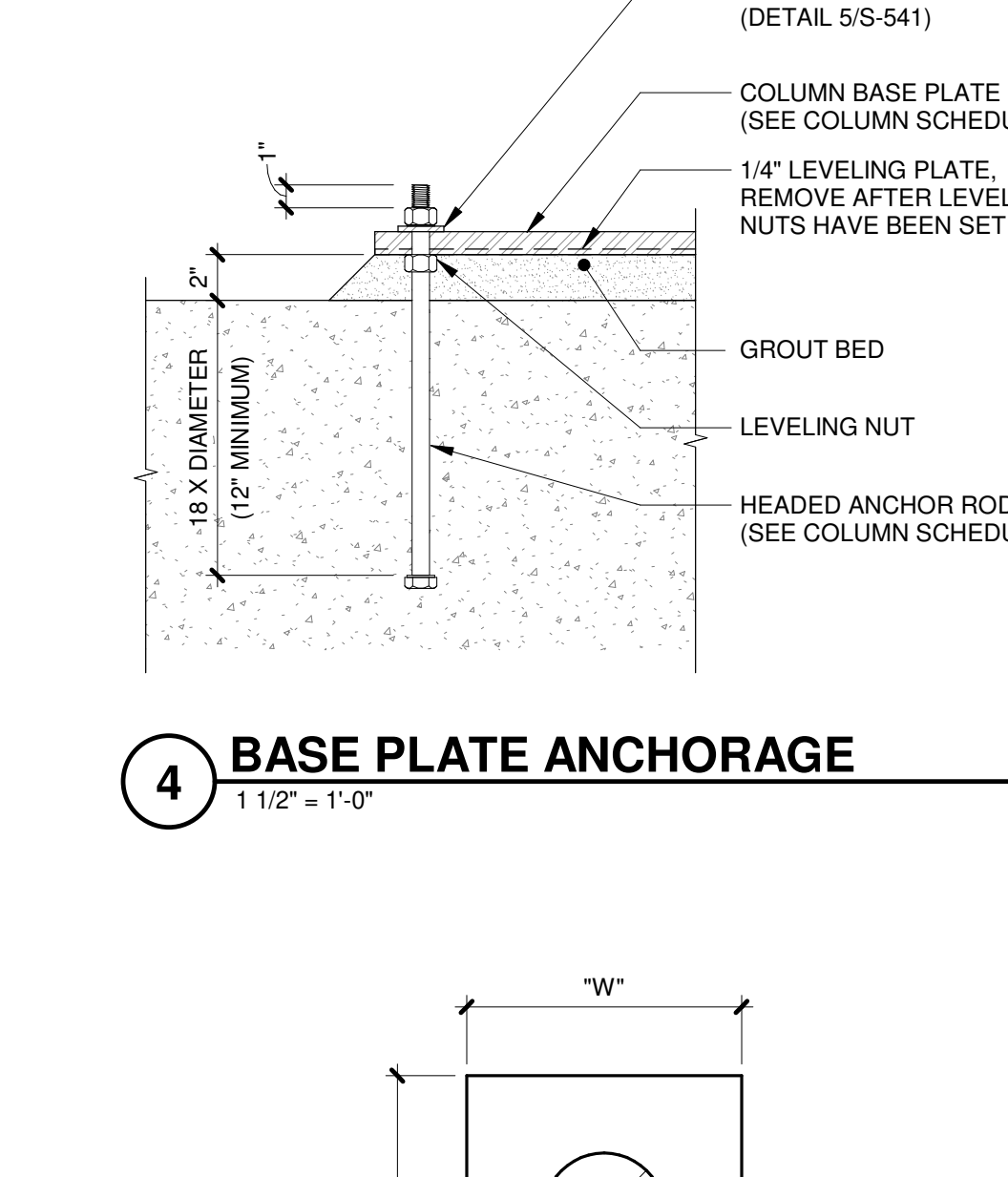
17 CANOPY COLUMN BASE PLATES
1 1/2" = 1'-0"



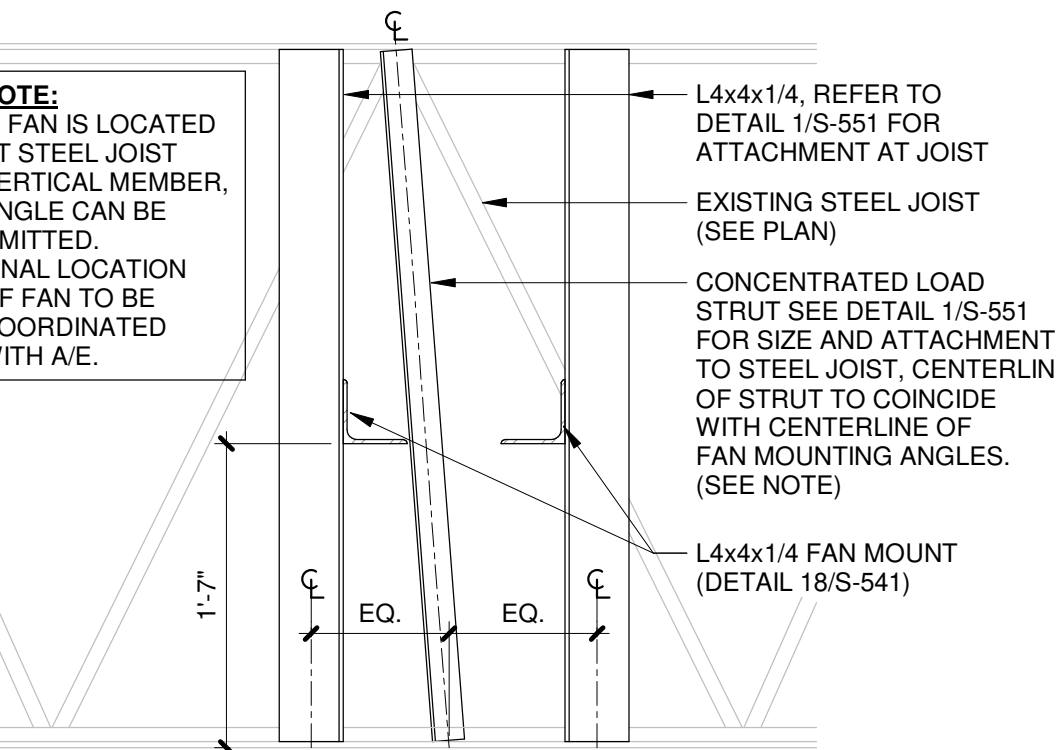
13 FALL PROTECTION SUPPORT FRAMING AT GIRDER
1 1/2" = 1'-0"



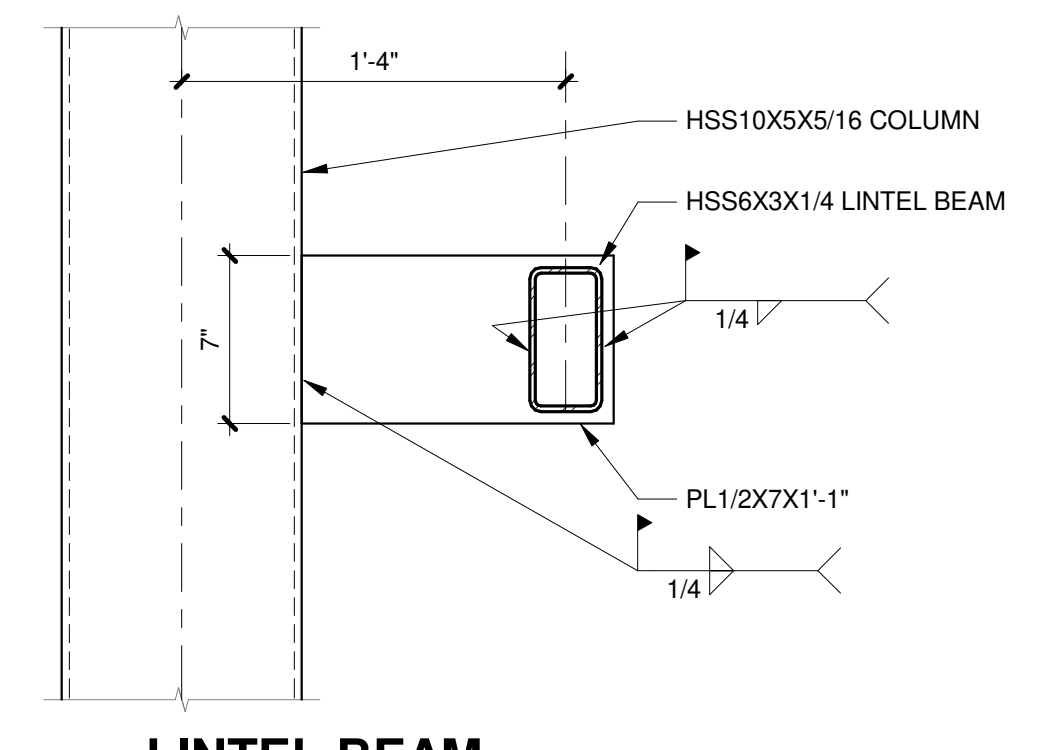
9 HSS 12x2 BASE PLATE
1 1/2" = 1'-0"



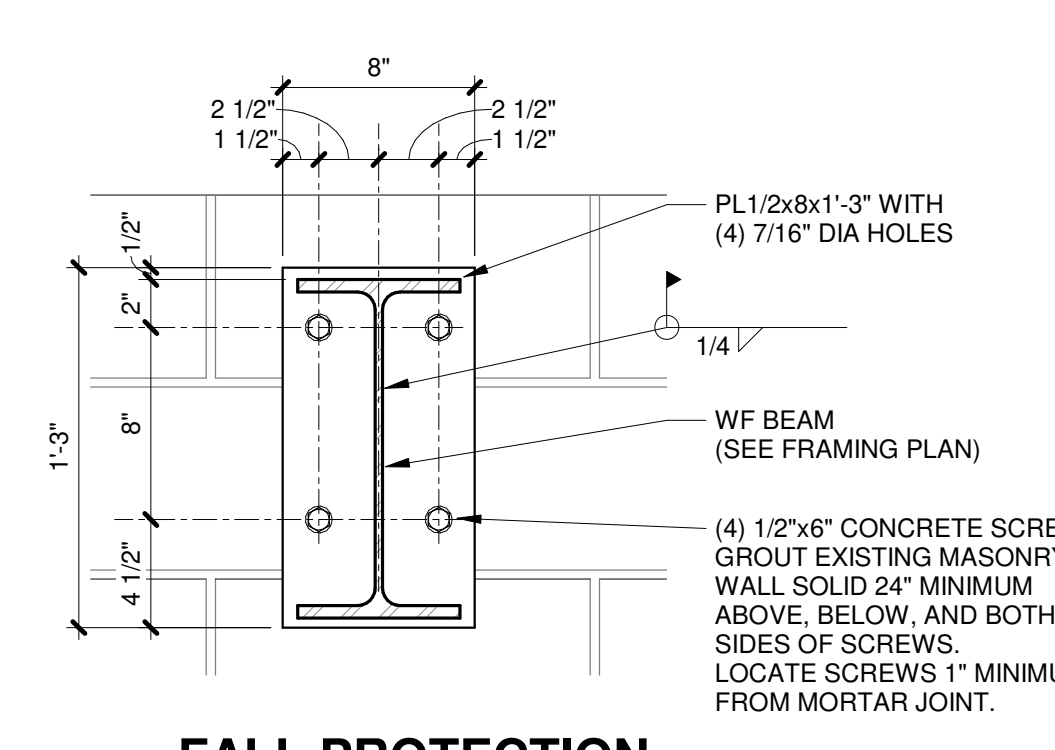
4 BASE PLATE ANCHORAGE
1 1/2" = 1'-0"



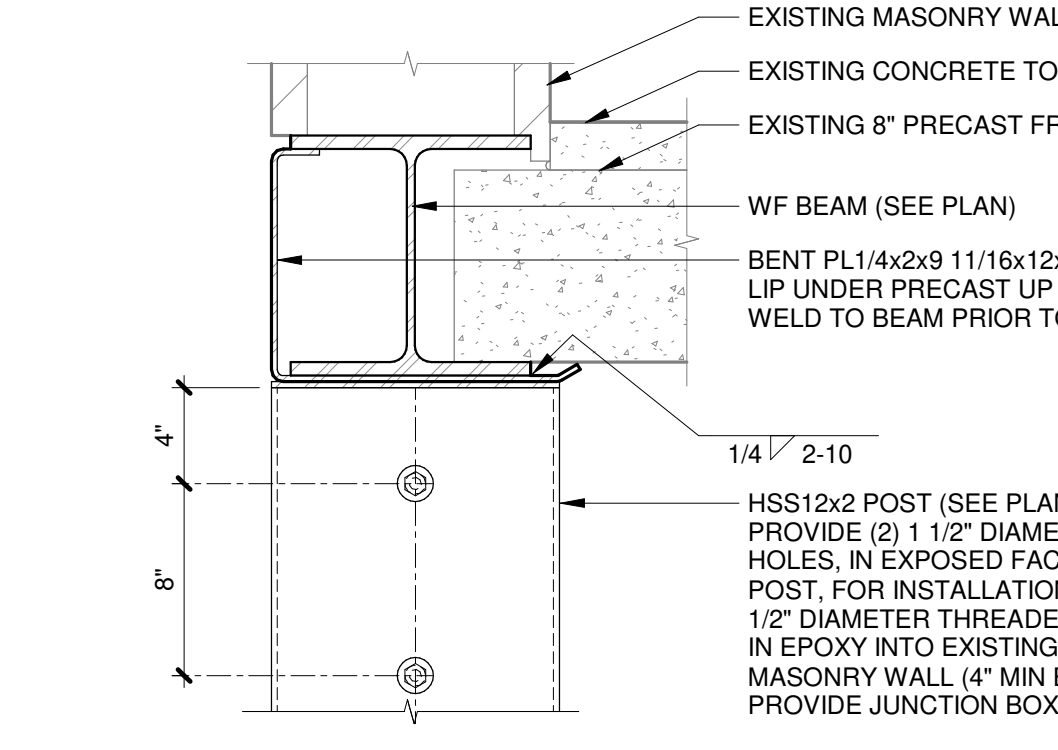
21 "NESTED" FAN CONNECTION
1" = 1'-0"



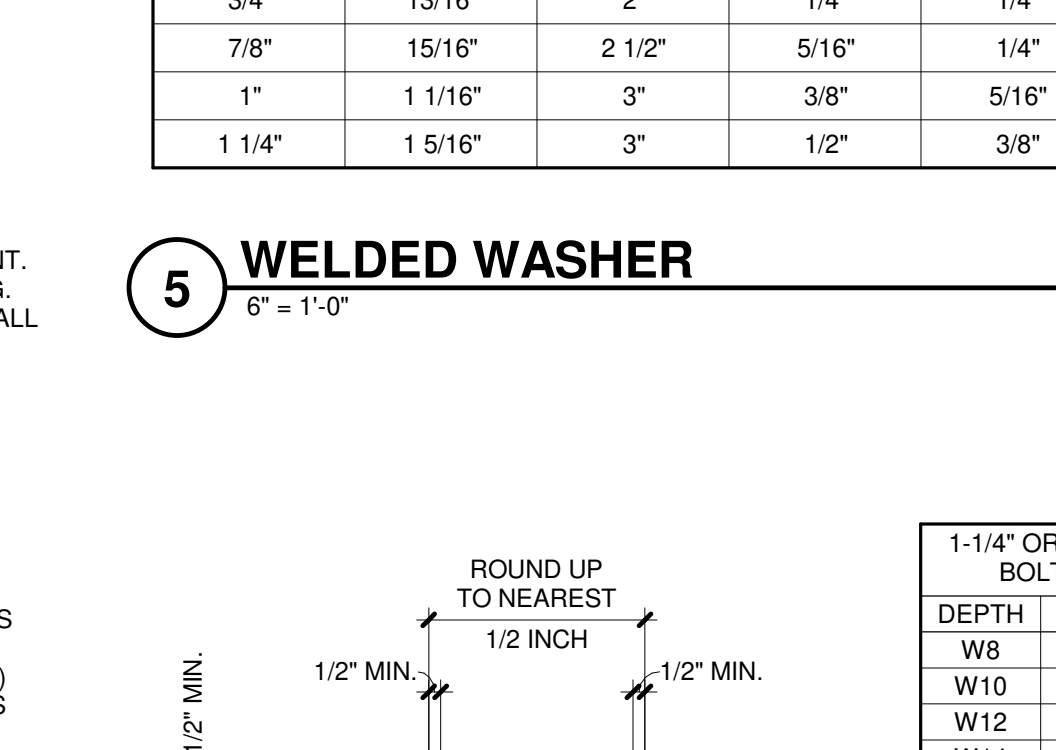
18 LINTEL BEAM CONNECTIONS TO COLUMN
1 1/2" = 1'-0"



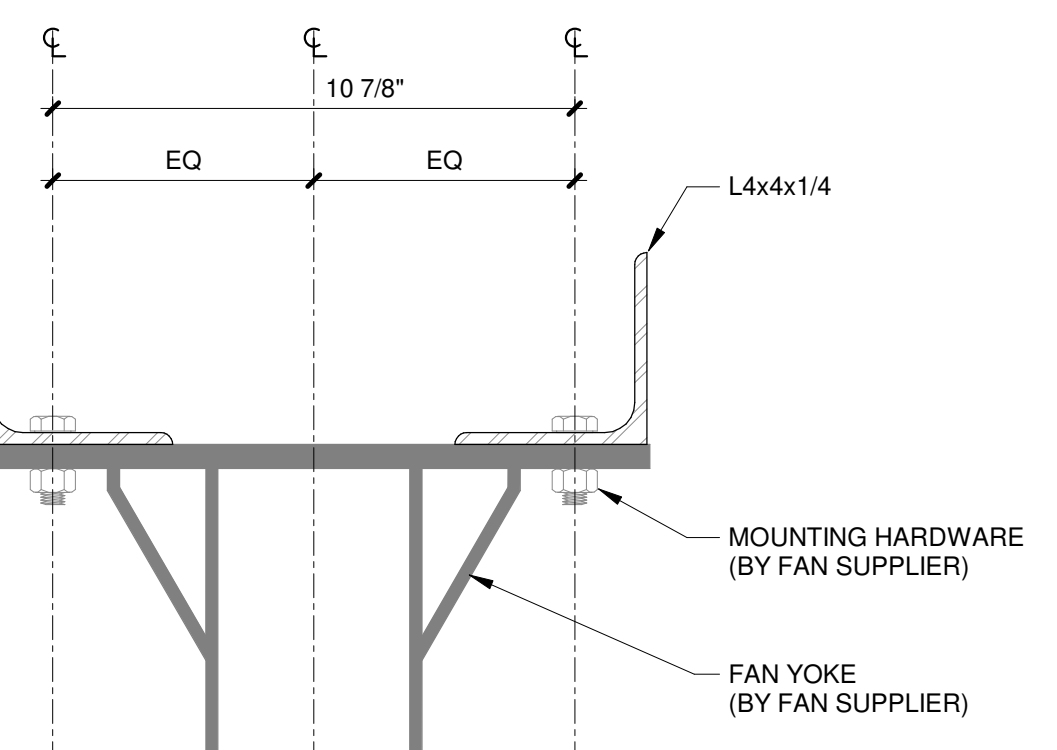
14 FALL PROTECTION SUPPORT FRAMING AT MASONRY
1 1/2" = 1'-0"



10 W10 AT EXISTING PRECAST
1 1/2" = 1'-0"



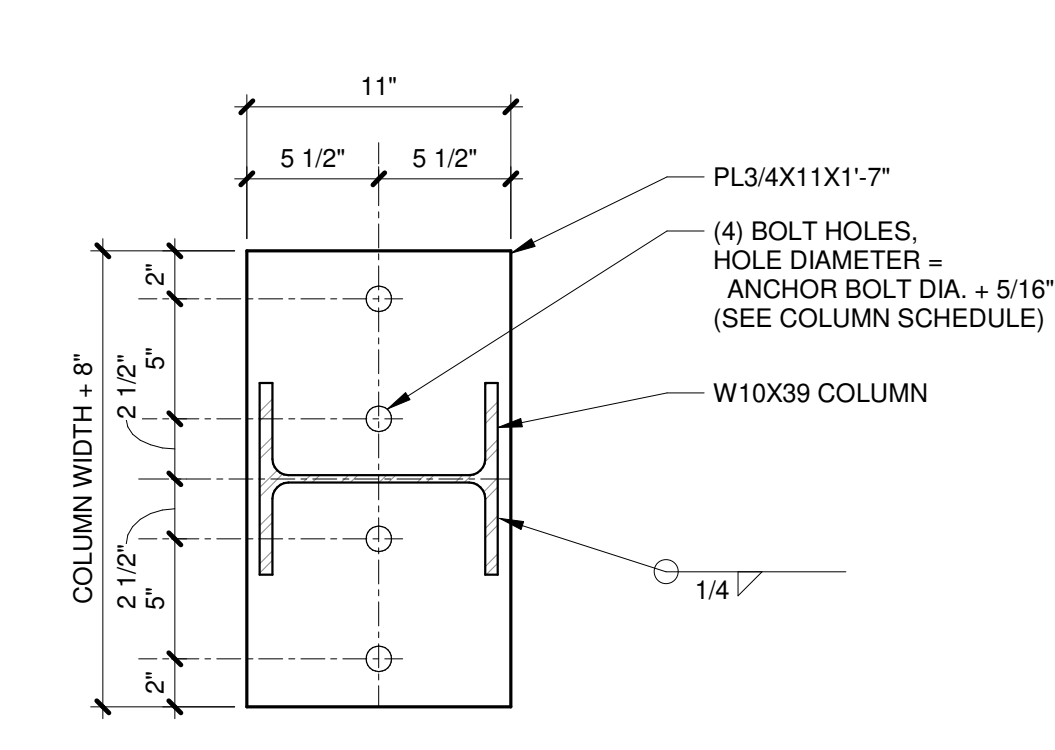
5 WELDED WASHER
6" = 1'-0"



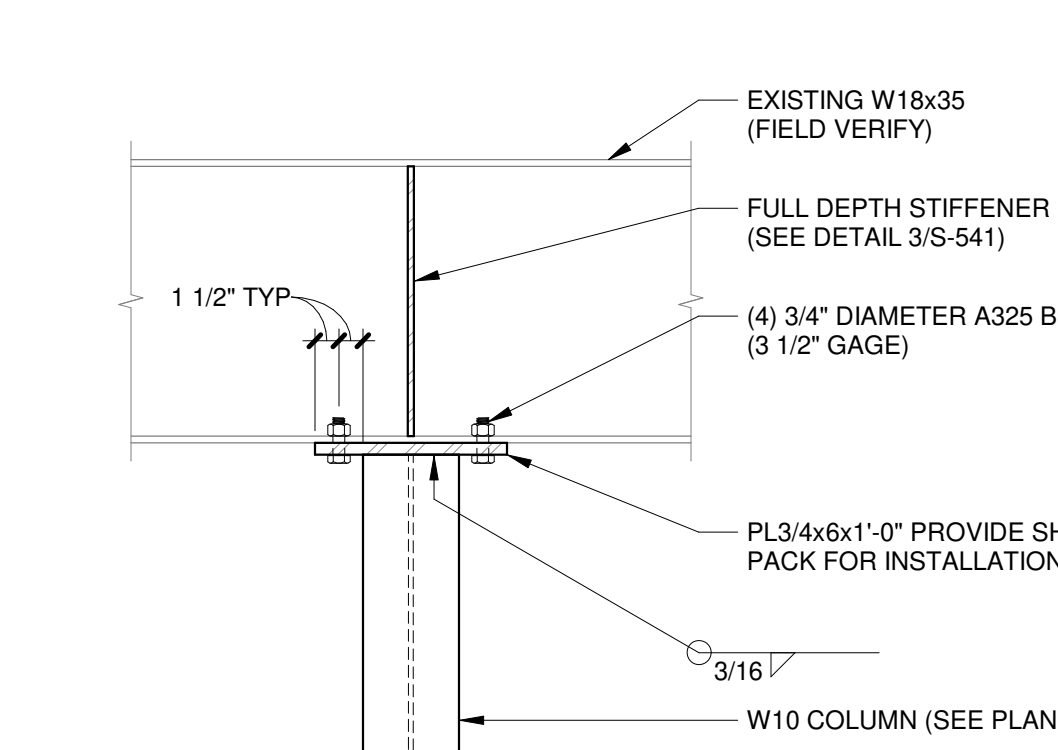
B FAN YOKE TO ANGLE CONNECTION
5" = 1'-0"



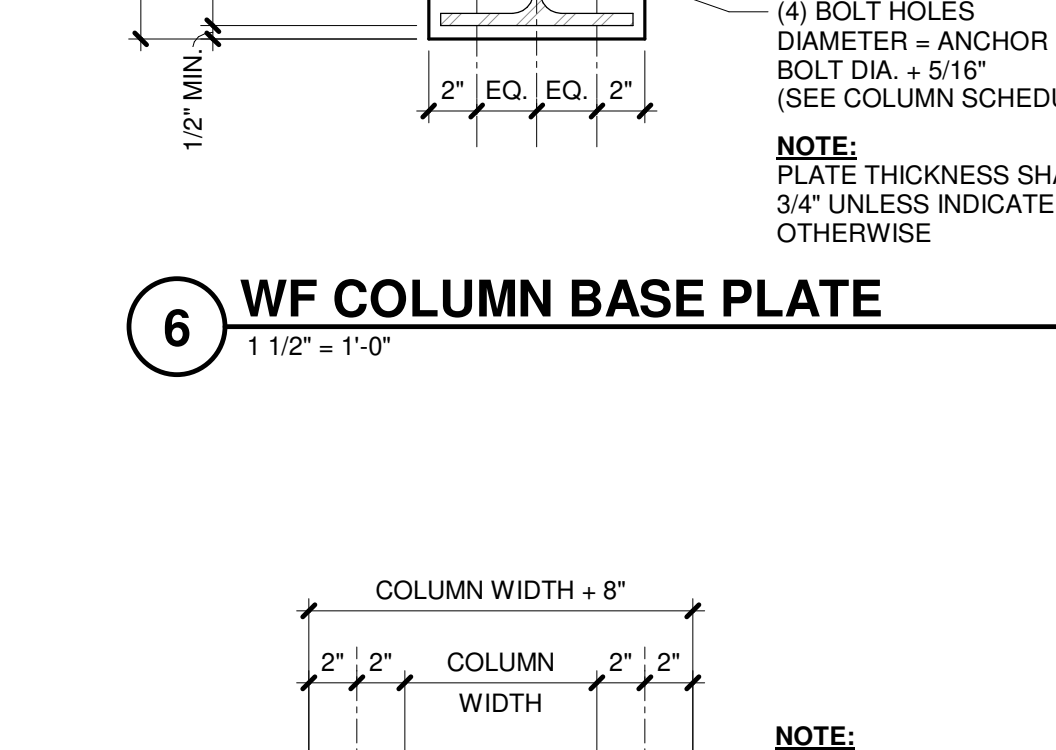
15 W10X39 BASE PLATE
1 1/2" = 1'-0"



11 W10 AT EXISTING W18x35
1" = 1'-0"



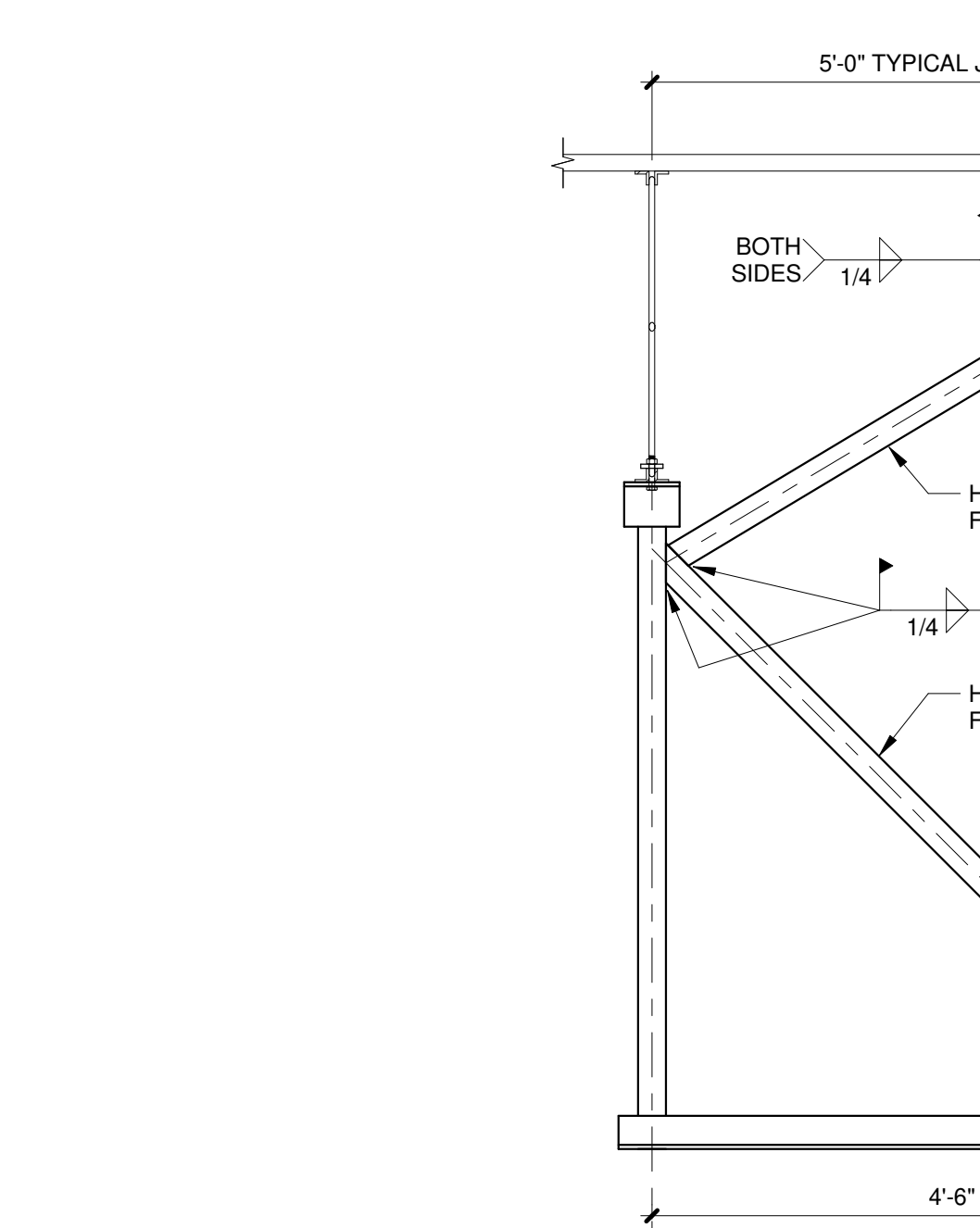
6 WF COLUMN BASE PLATE
1 1/2" = 1'-0"



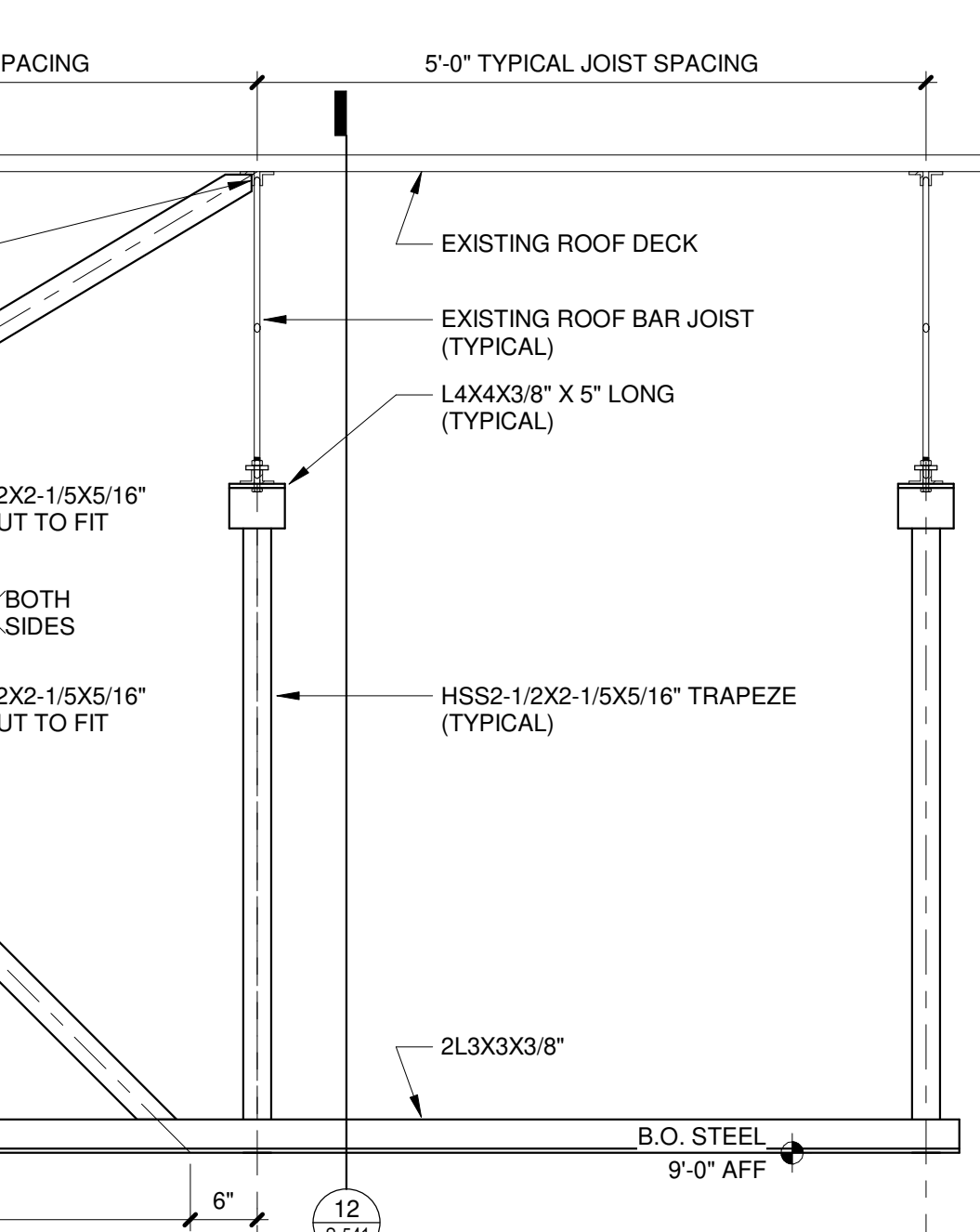
7 HSS COLUMN BASE PLATE
1 1/2" = 1'-0"



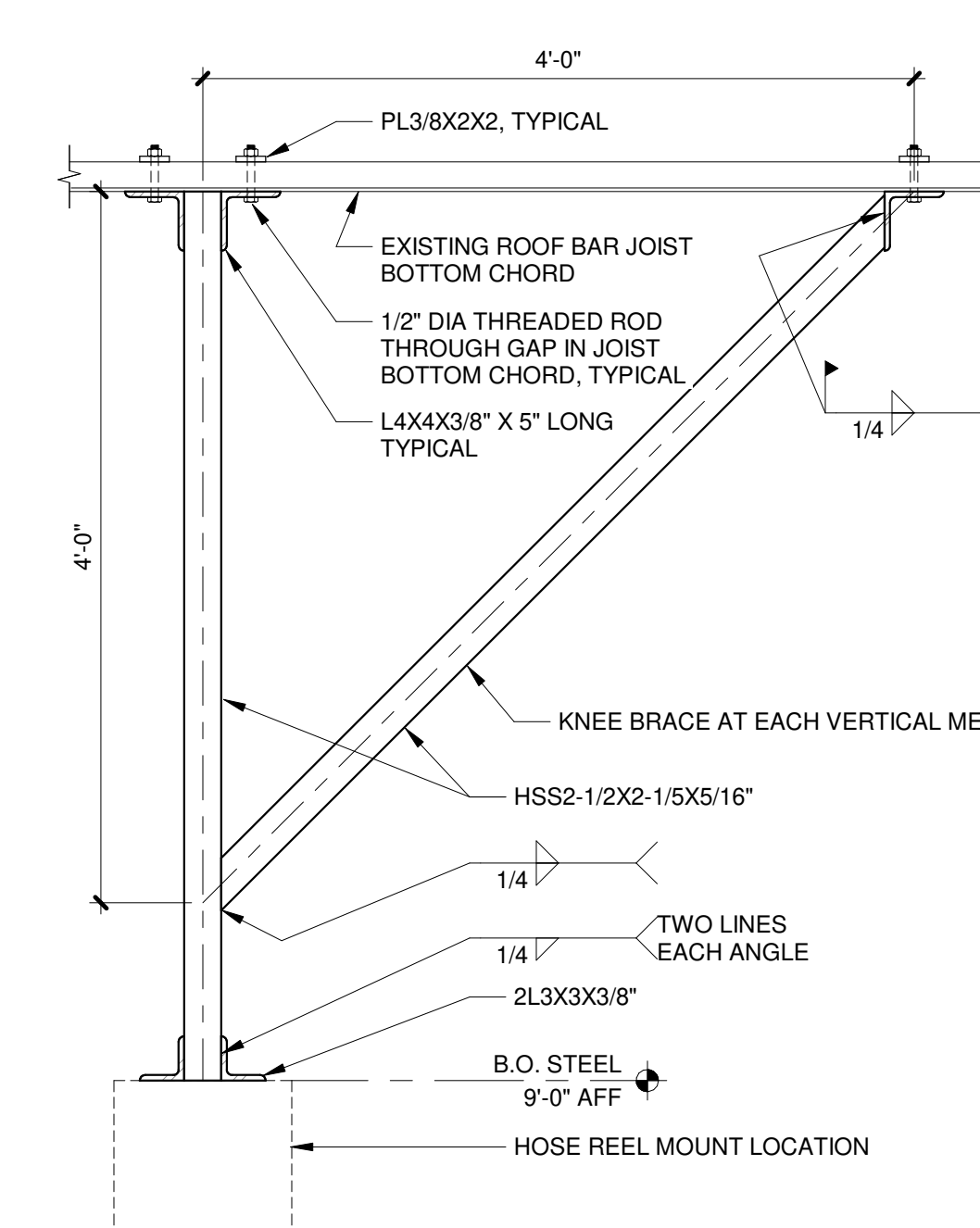
16 TRAPEZE FRAMING BRACE
3/4" = 1'-0"



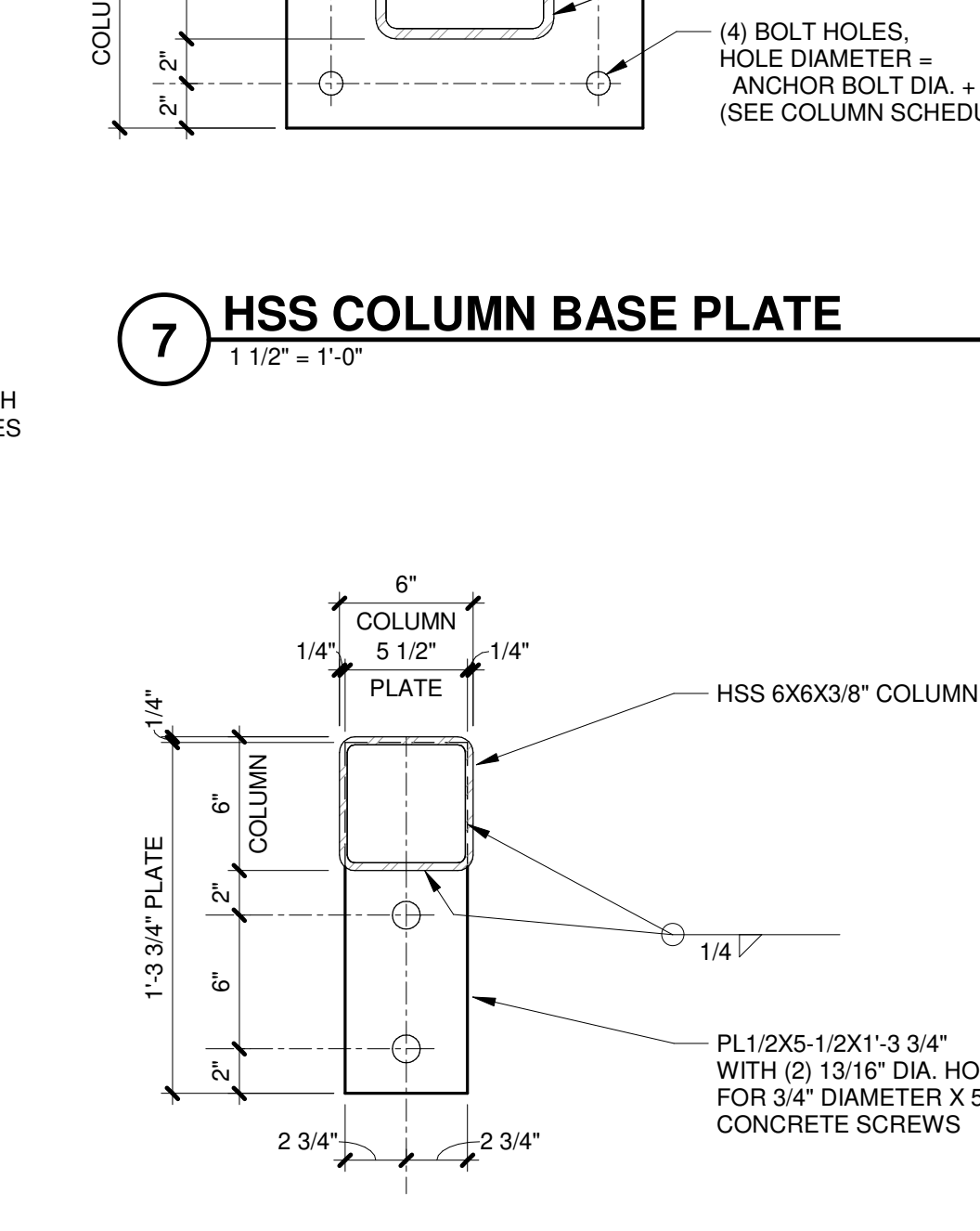
12 TRAPEZE FRAMING
1" = 1'-0"



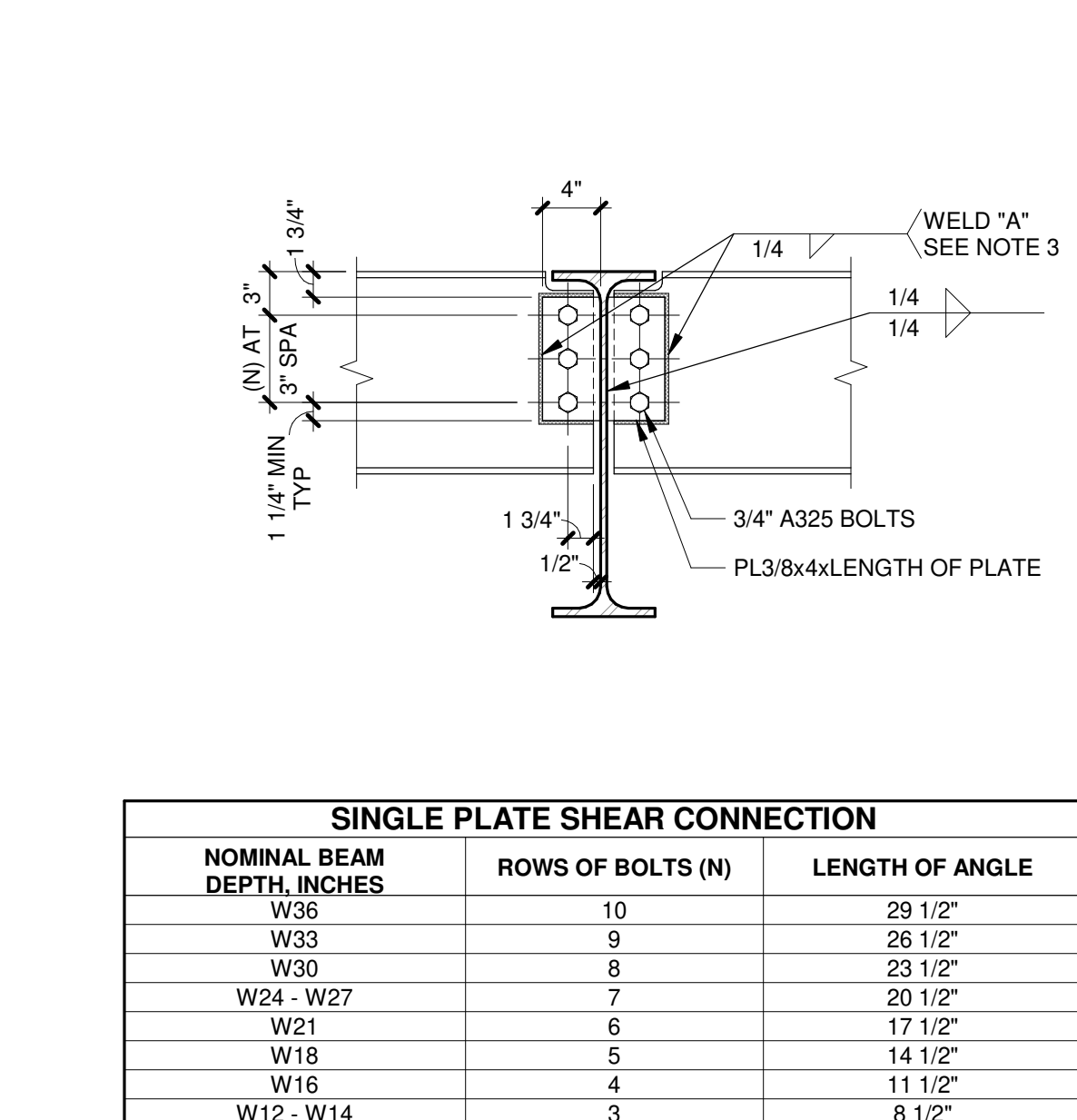
8 HSS POST BASE PLATE
1 1/2" = 1'-0"



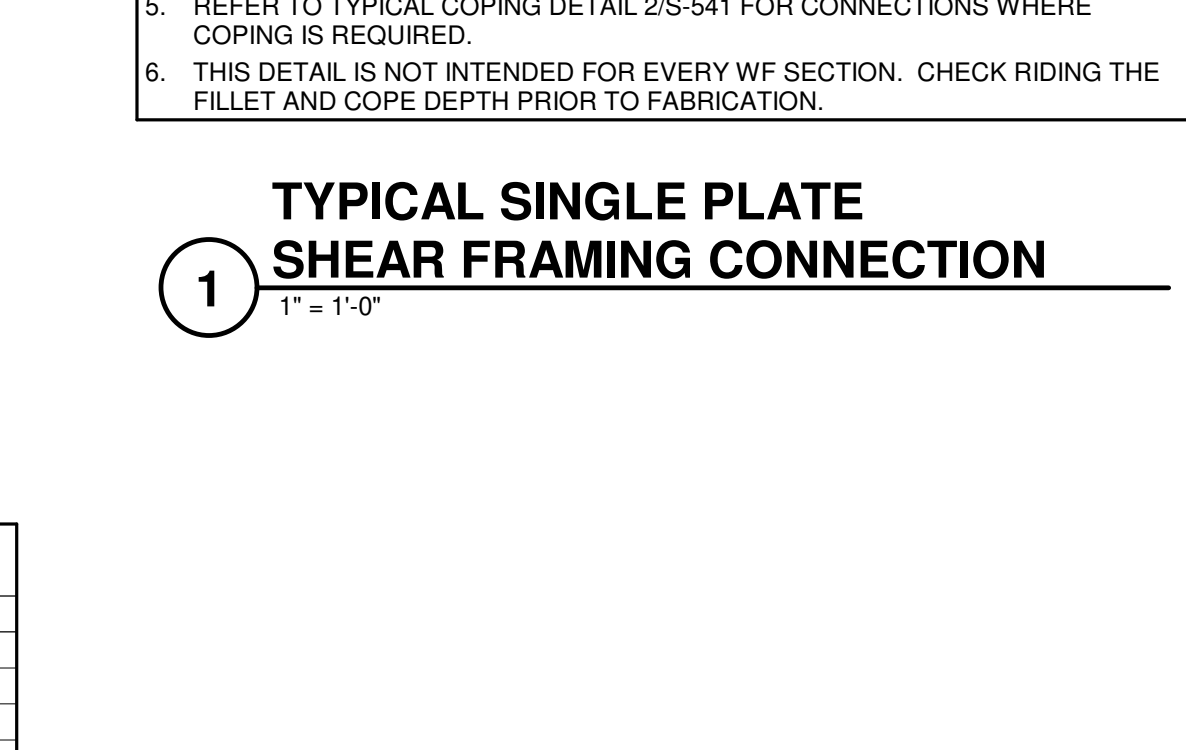
3 TYPICAL WF STIFFENER PLATE
1 1/2" = 1'-0"



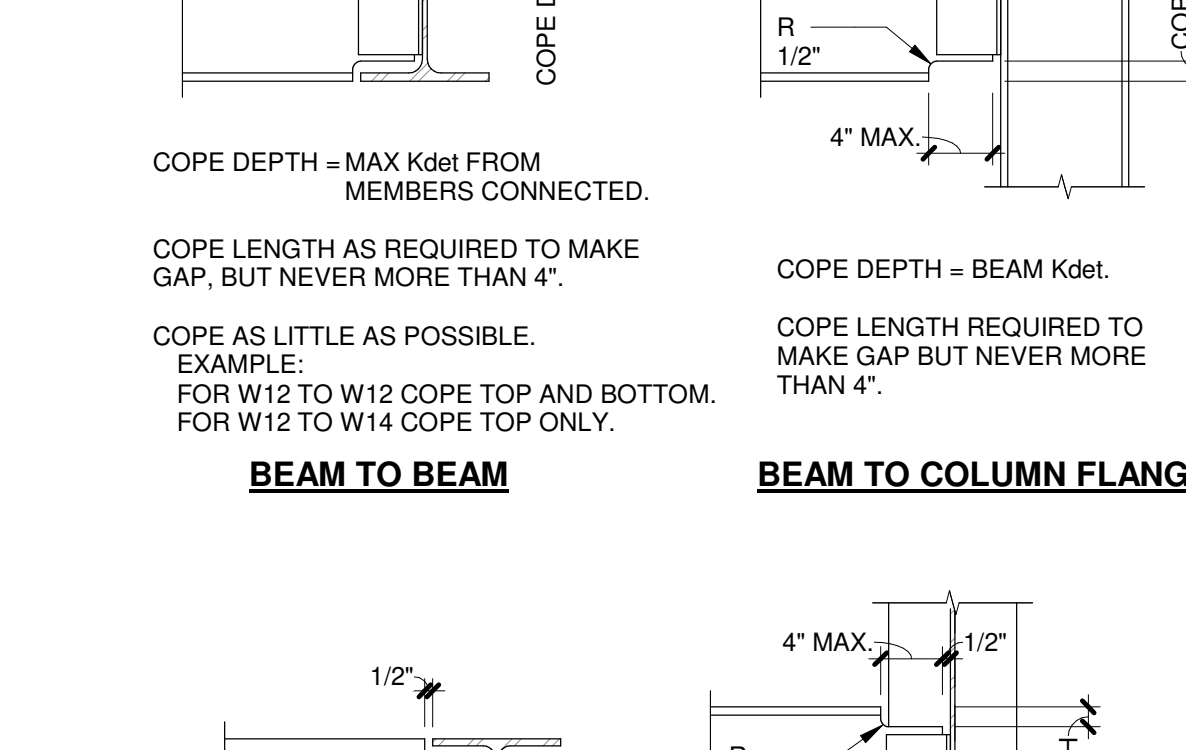
2 TYPICAL COPING DETAIL
1" = 1'-0"



1 SINGLE PLATE SHEAR CONNECTION
1" = 1'-0"

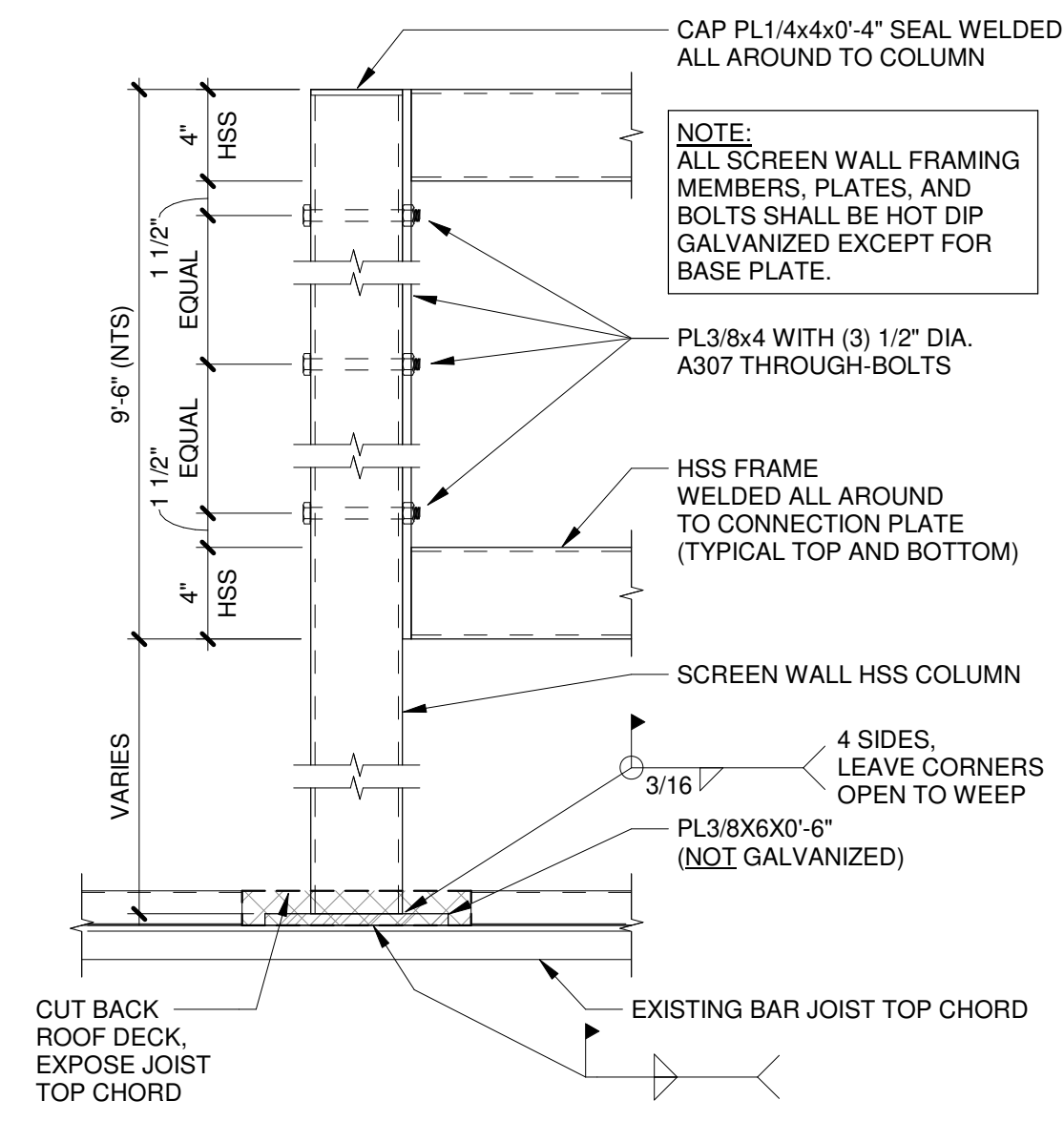


2 TYPICAL COPING DETAIL
1" = 1'-0"

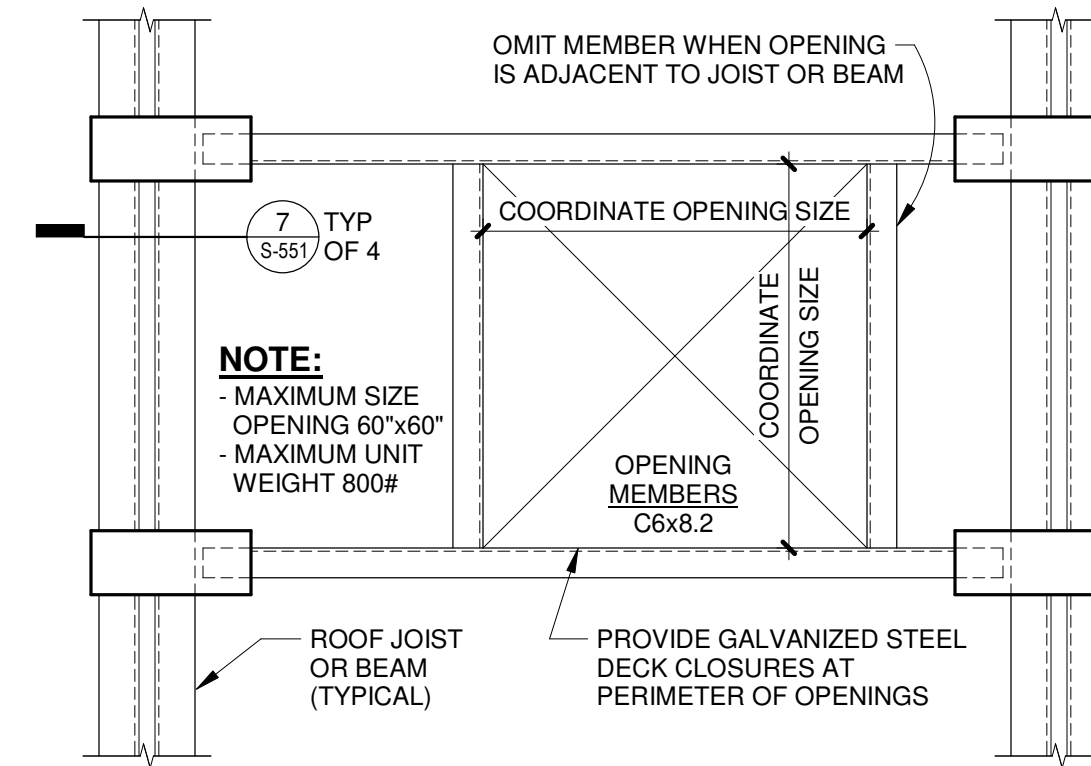


3 TYPICAL WF STIFFENER PLATE
1 1/2" = 1'-0"

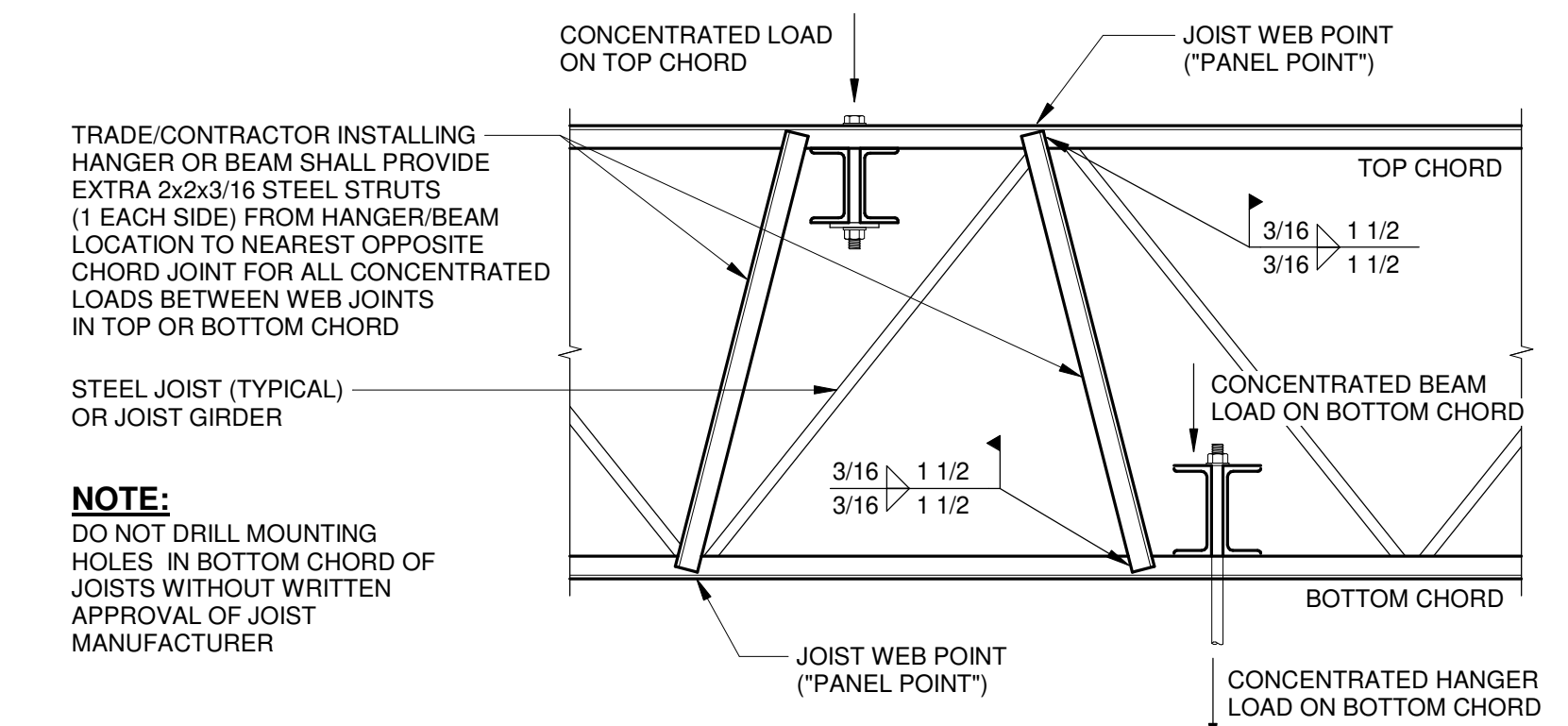




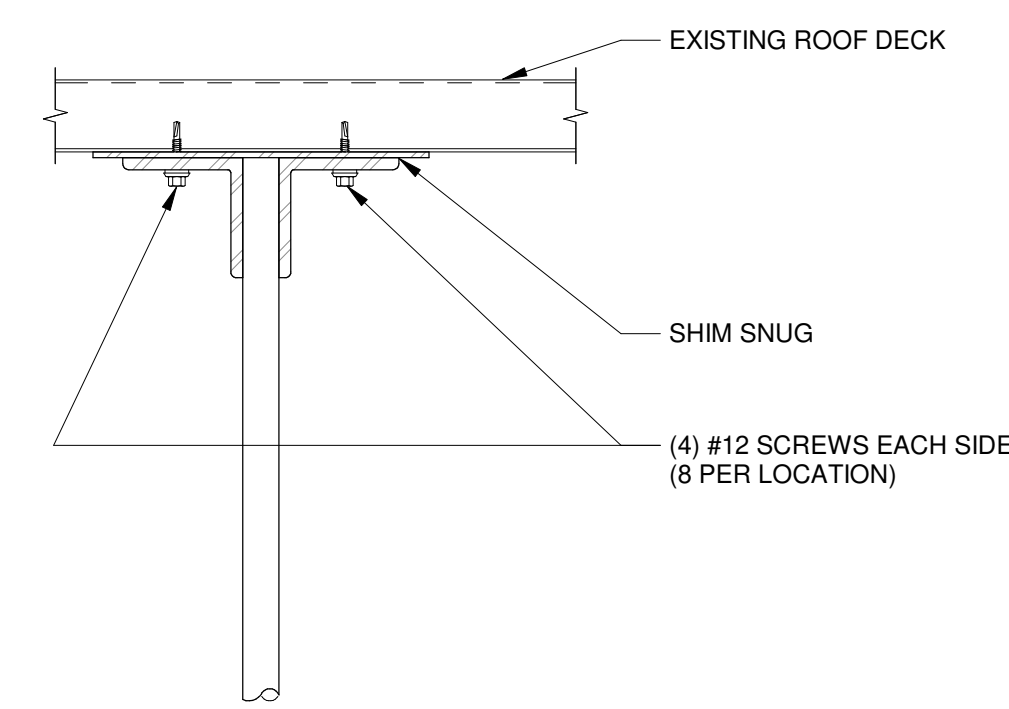
14 SCREEN WALL POST CONNECTIONS
1 1/2" = 1'-0"



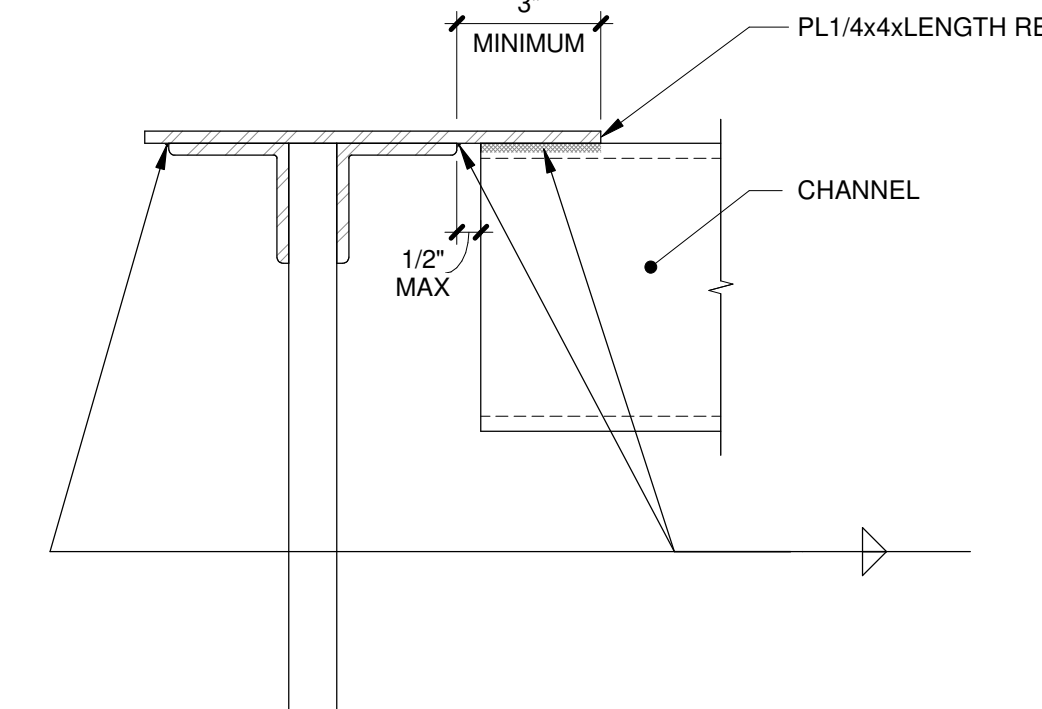
6 TYPICAL FRAMED ROOF OPENING
1" = 1'-0"



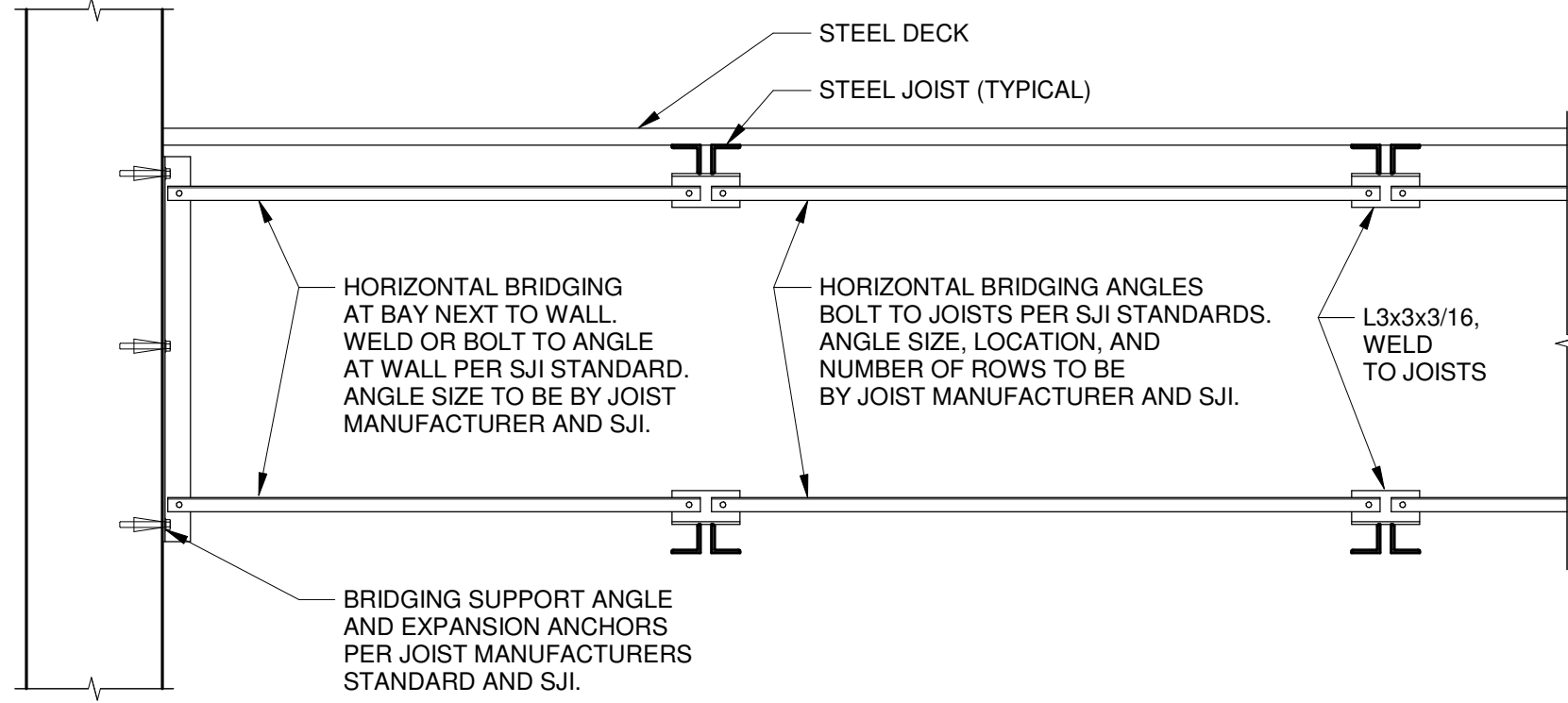
1 TYPICAL PROVISIONS AT CONCENTRATED LOADS ON OPEN WEB STEEL JOIST/GIRDERS
3/4" = 1'-0"



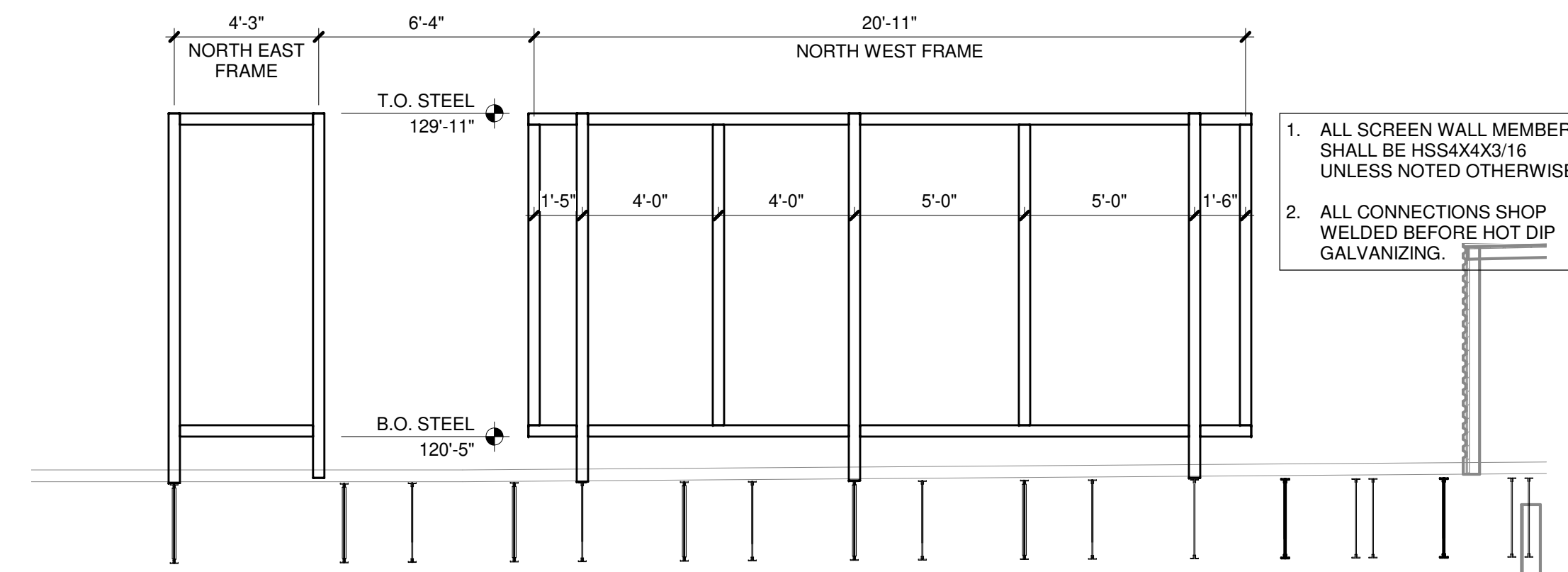
10 JOIST TO DECK CONNECTION
3" = 1'-0"



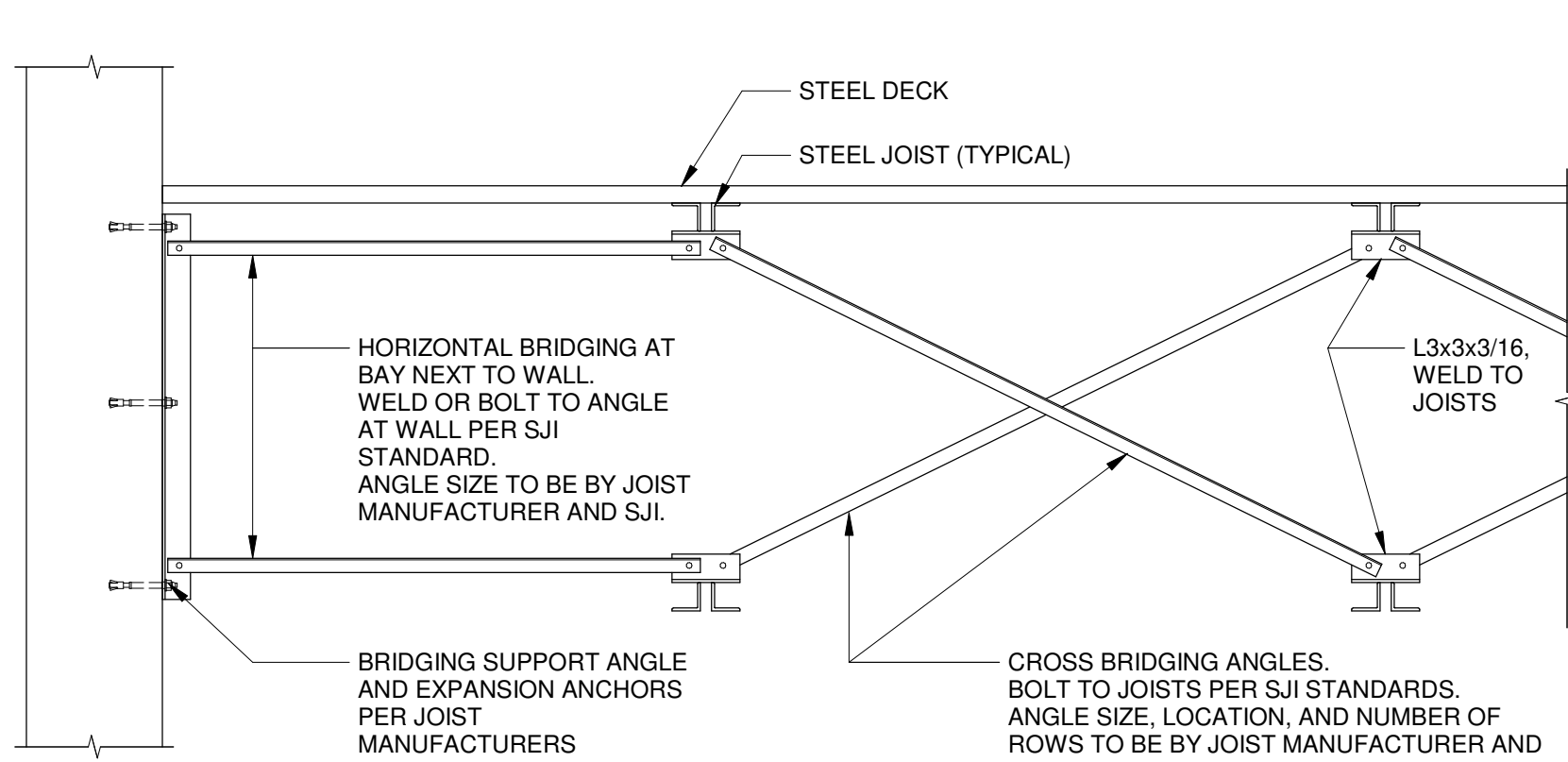
7 CHANNEL TO JOIST CONNECTION
3" = 1'-0"



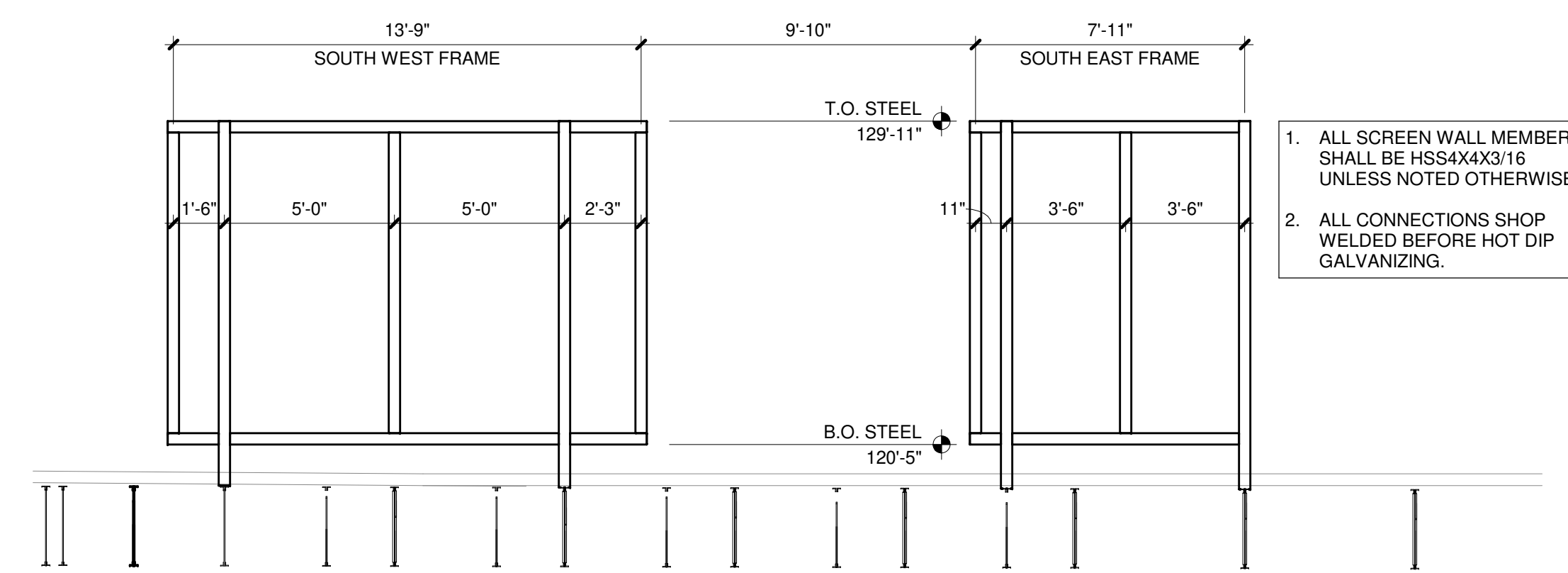
2 HORIZONTAL JOIST BRIDGING AT WALL
3/4" = 1'-0"



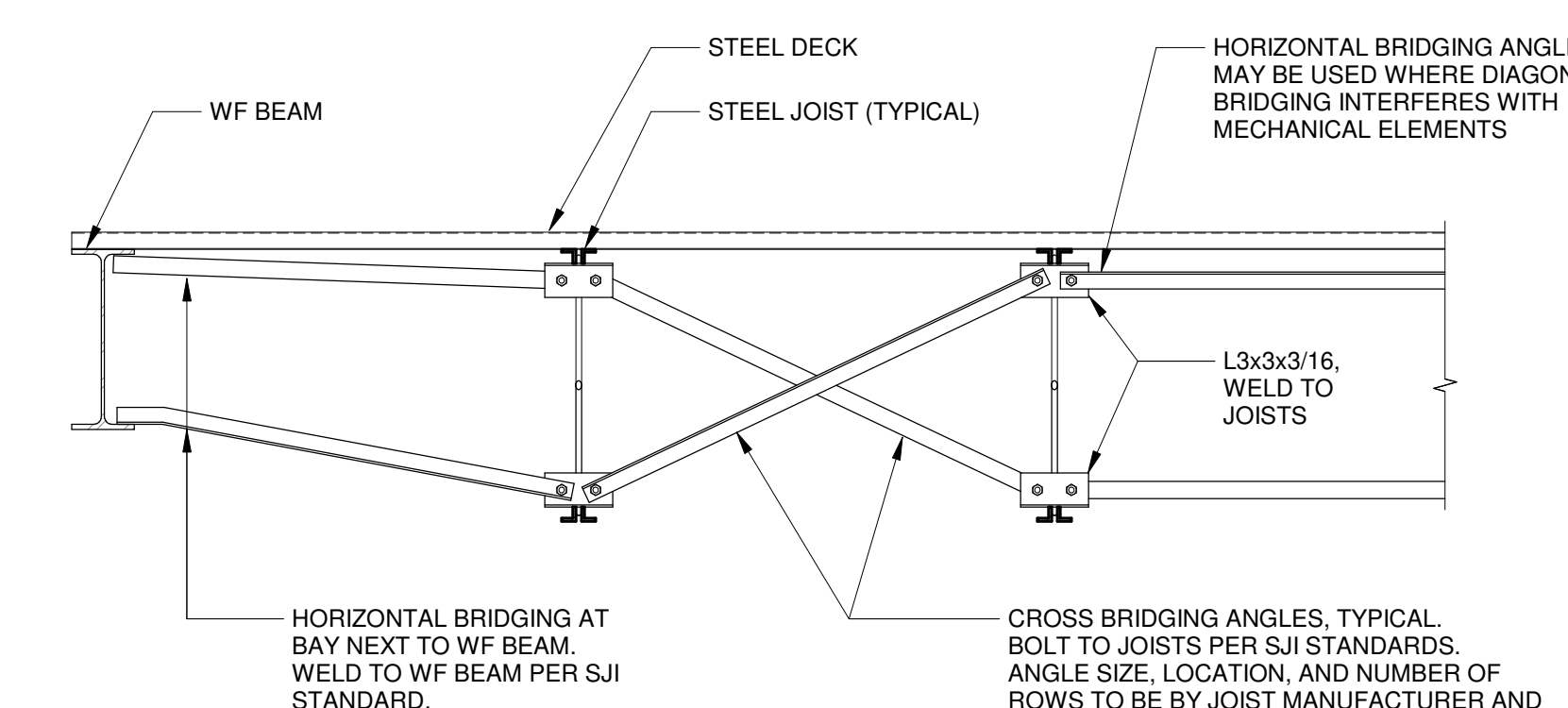
11 MAU4 SCREEN WALL FRAMING ELEVATION (LOOKING SOUTH)
1/4" = 1'-0"



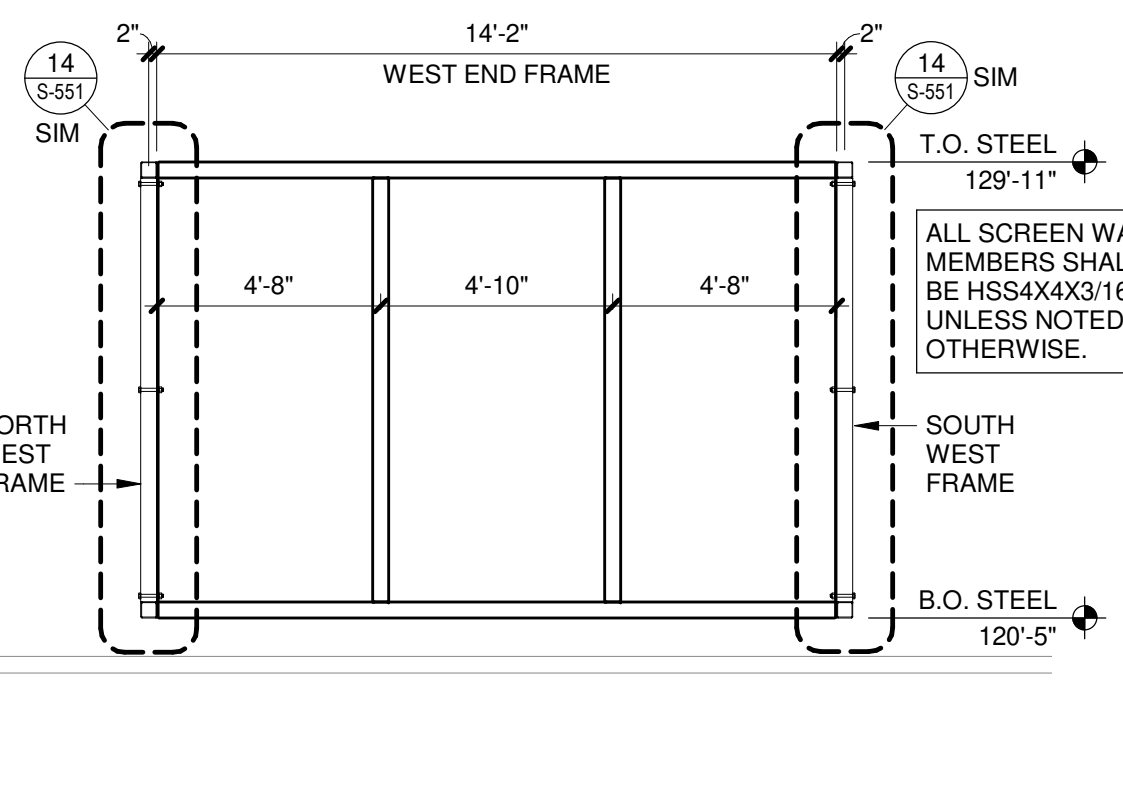
3 DIAGONAL JOIST BRIDGING AT WALL
3/4" = 1'-0"



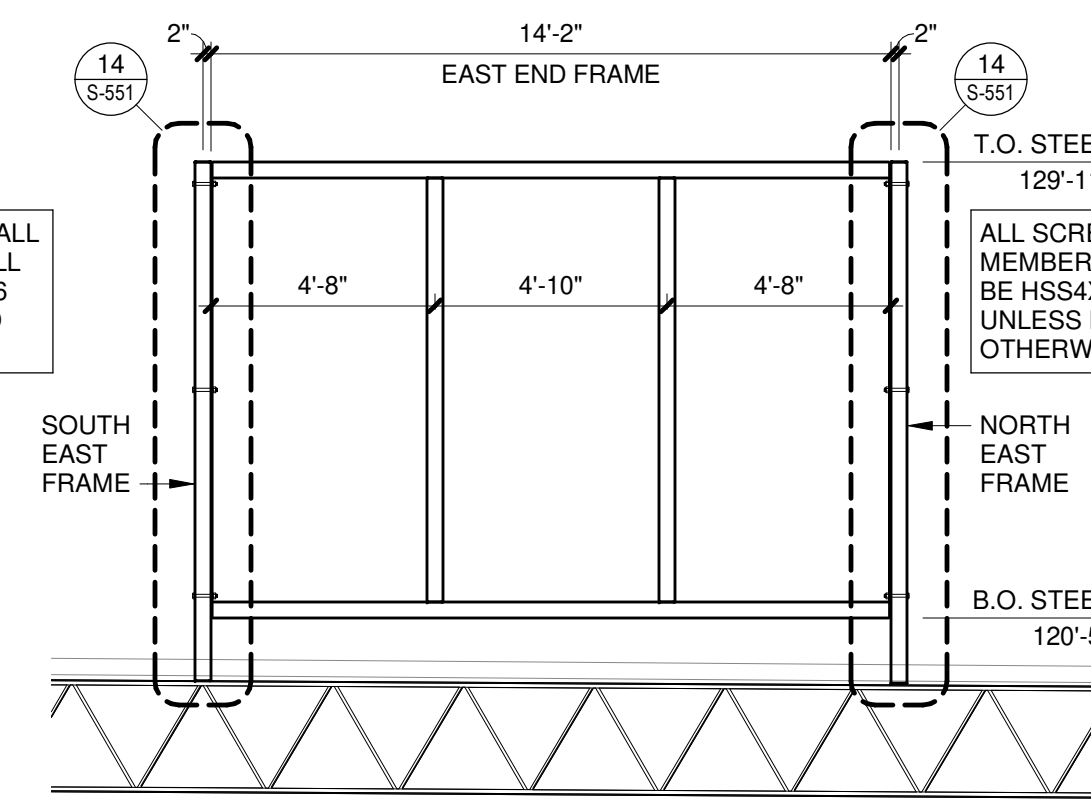
12 MAU4 SCREEN WALL FRAMING ELEVATION (LOOKING NORTH)
1/4" = 1'-0"



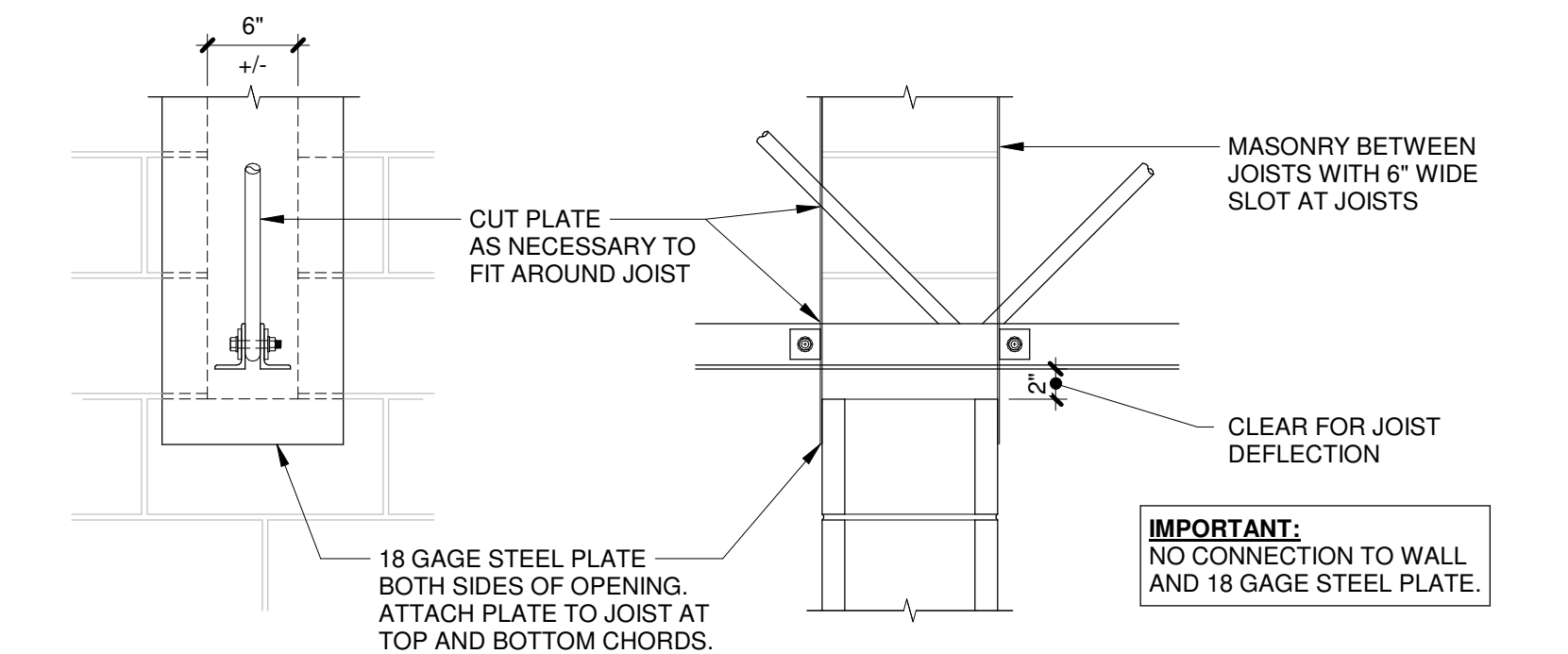
4 JOIST BRIDGING AT WF BEAM
3/4" = 1'-0"



13 MAU4 SCREEN WALL FRAMING ELEVATION (LOOKING EAST)
1/4" = 1'-0"



8 MAU4 SCREEN WALL FRAMING ELEVATION (LOOKING WEST)
1/4" = 1'-0"



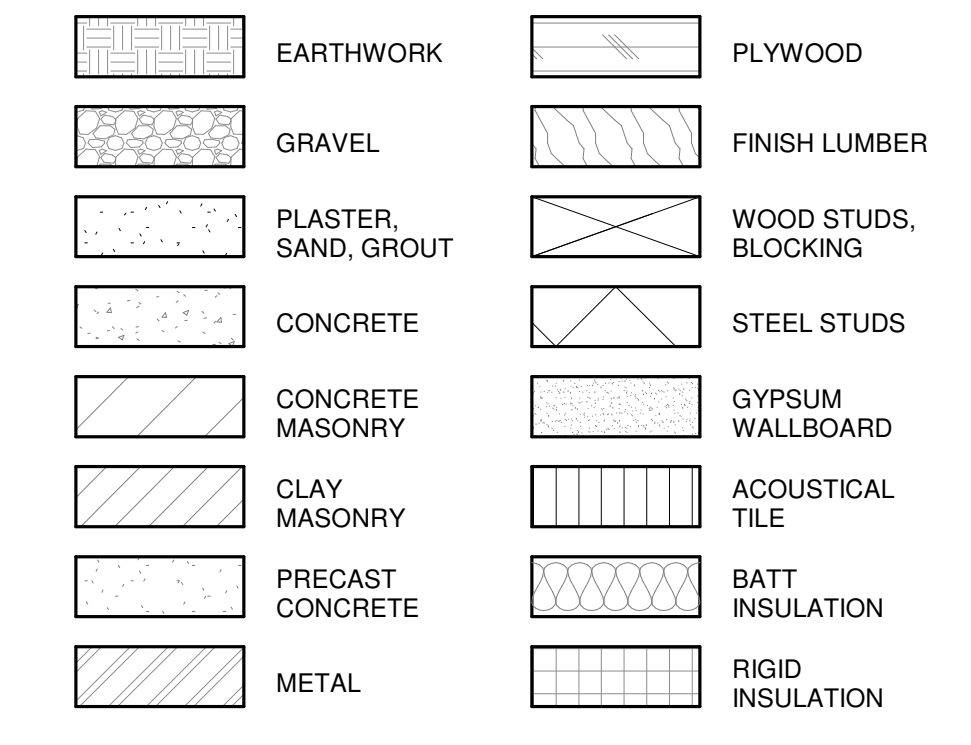
5 JOIST DEFLECTION PROVISIONS AT NON-LOAD BEARING MASONRY, TYPICAL
1" = 1'-0"

ABBREVIATIONS

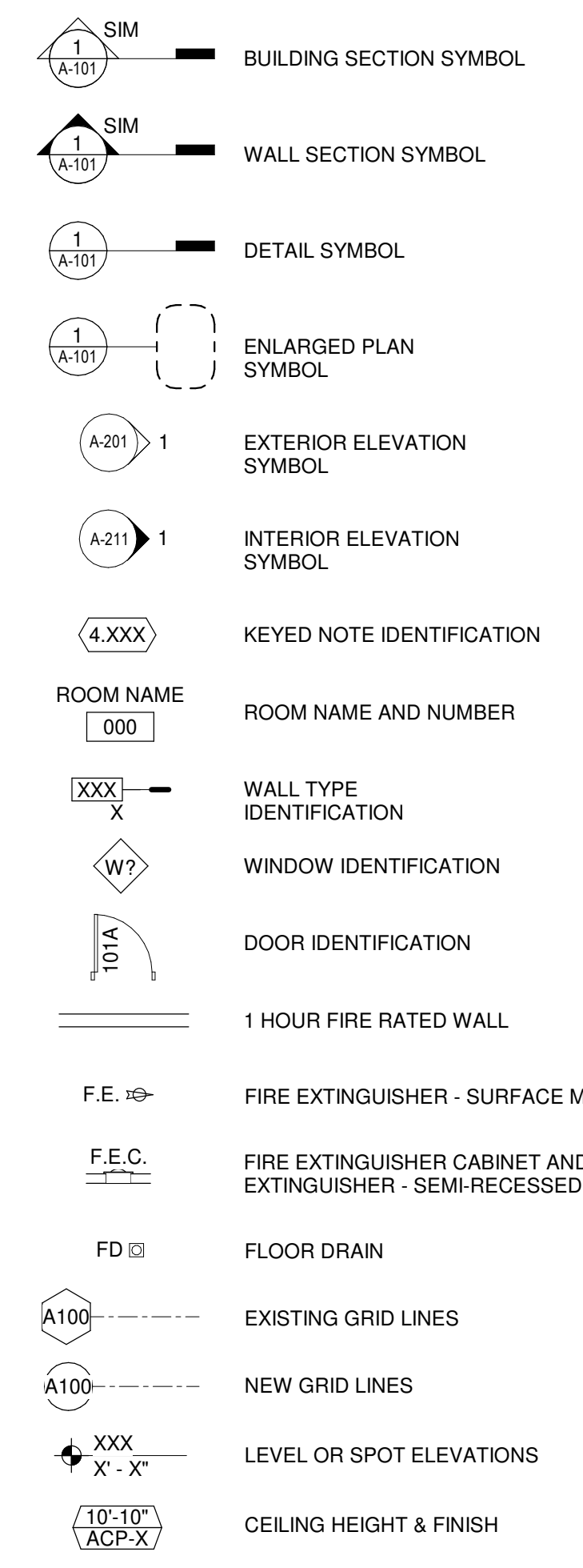
Table of abbreviations with columns for symbols, descriptions, and units. Includes categories like ANGLE, FOUNDATION, ACCESS, etc.

ABBREVIATIONS ABOVE ARE FOR ARCHITECTURAL SHEETS ONLY

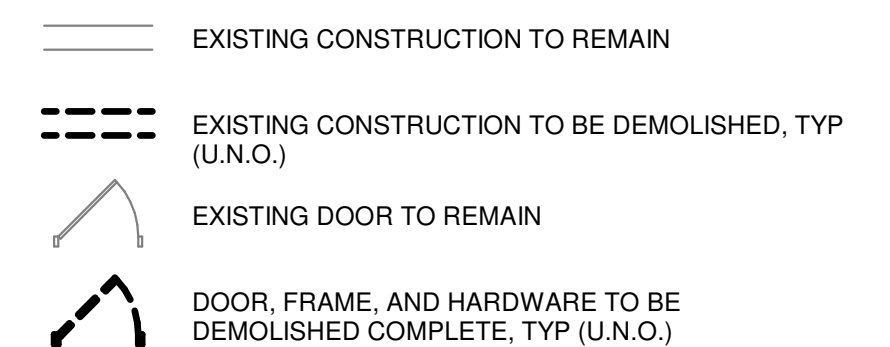
HATCH SYMBOLS



LEGEND - PLAN SYMBOLS



DEMOLITION LEGEND:



CITY OF MADISON METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS 1101 EAST WASHINGTON AVE. MADISON, WI 53703

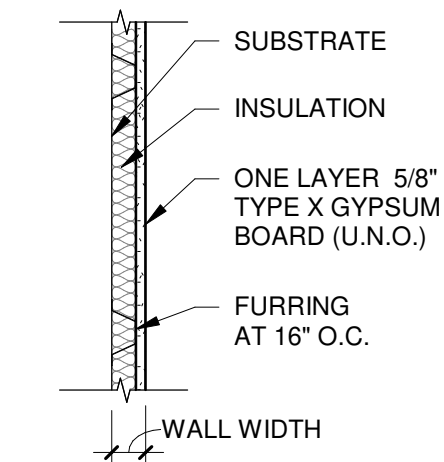
ISSUED 04/08/21 BID SET CONTRACT NO.: 8981 BIDDING NO.: 4503500-1908996.03 DATE: APRIL 8, 2021 DESIGNED BY: SZK DRAWN BY: NJD, DJM CHECKED BY: RCL, REK DO NOT SCALE DRAWINGS SHEET CONTENTS NOTES & SYMBOLS SHEET NO.: A-001

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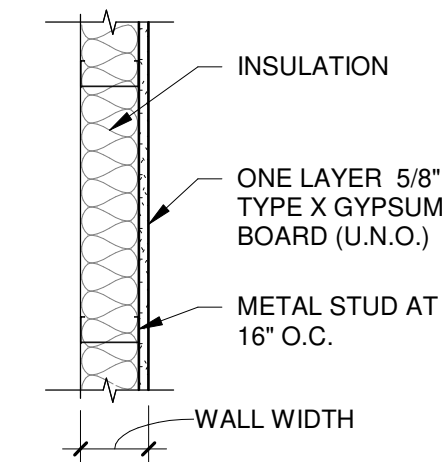
PARTITION GENERAL NOTES:

- PARTITIONS SHALL BE TYPE "SA3" UNLESS OTHERWISE NOTED.
- ELEMENTS OF ACOUSTIC PARTITIONS SHALL EXTEND TO ROOF OR FLOOR DECK ABOVE AND JOINTS AND PENETRATIONS OF ACOUSTIC RATED PARTITIONS SHALL BE FILLED AND SEALED.
- REFER TO "PARTITION TYPE SYMBOL AND SUBSCRIPT DEFINITIONS" FOR SYMBOLS USED TO IDENTIFY ADDITIONAL REQUIREMENTS OR MODIFICATIONS TO BASIC PARTITION TYPES.
- PARTITION TYPES DESCRIBE GENERAL REQUIREMENTS FOR PARTITIONS. REFER TO PRODUCT MANUFACTURERS' SPECIFICATIONS AND REQUIREMENTS FOR APPLICABLE TESTING AGENCIES FOR SPECIFICS OF PARTITION CONSTRUCTION.
- PARTITION REQUIREMENTS SHOWN ARE CONSIDERED MINIMUM STANDARDS. WHERE CONDITIONS OF THE WORK CAUSE PARTITION(S) TO EXCEED LIMITS RECOMMENDED BY MANUFACTURER, REINFORCE PARTITION(S).
- PENETRATIONS IN RATED PARTITIONS AND CONNECTIONS OF THE PARTITIONS TO OTHER PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDED DETAILS AND IN COMPLIANCE WITH APPLICABLE TESTING AGENCY REQUIREMENTS.
- TYPICAL FLOOR PLAN DIMENSIONS OF PARTITIONS ARE TO THE NOMINAL FINISH FACE OF GYPSUM BOARD UNLESS NOTED TO THE CENTERLINE OF THE PARTITION.
- REFER TO STRUCTURAL DRAWINGS FOR EXTENT AND DESCRIPTION OF INTERIOR STRUCTURAL WALLS NOT IDENTIFIED BY PARTITION TYPES.
- INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/MOUNTING OF WALL HUNG ITEMS OR EQUIPMENT DESCRIBED IN THE DOCUMENTS.
- FIRE RATED PARTITIONS: GA AND UL TEST NUMBERS MAY VARY DEPENDING ON THE MANUFACTURER OF COMPONENTS ACTUALLY USED.
- PROVIDE 5/8" TYPE "X" GYPSUM BOARD (UNLESS NOTED OTHERWISE)
- PROVIDE WATER RESISTANT TYPE GYPSUM BOARD AT AREAS THAT ARE SCHEDULED TO RECEIVE CERAMIC TILE FINISH AND AT AREAS SO REQUIRED BY CODE TO RECEIVE IT.
- PROVIDE TILE BACKER BOARD AT SHOWER AREAS AND AT OTHER WET AREAS THAT ARE SCHEDULED IN ROOM FINISH SCHEDULE TO RECEIVE CERAMIC TILE FINISH.
- INSTALLATION OF GYPSUM BOARD, BACKER BOARD AND BASE BOARD SHALL CONFORM TO REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.
- WHERE PARTITIONS AND/OR FURRING MEET, MAINTAIN A FLUSH SURFACE ON THE SIDE WHERE THE FINISH IS STRAIGHT OR CONTINUOUS UNLESS OTHERWISE NOTED.



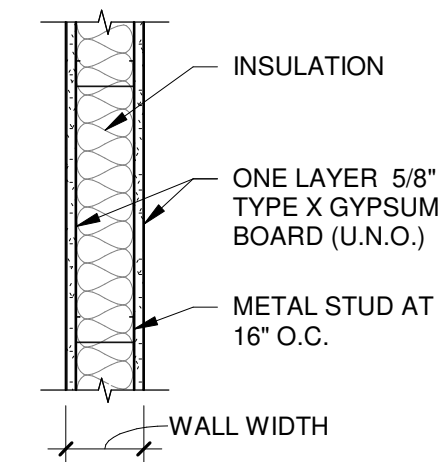
"FA" SERIES

PTN TYPE	STUD WIDTH	WALL WIDTH	NOTES
FA78	7/8"	1 1/2"	HAT CHANNEL
FA1	1"	1 5/8"	Z-FURRING
FA15	1 1/2"	2 1/8"	Z-FURRING
FA2	2"	2 5/8"	Z-FURRING
FA3	3"	3 5/8"	Z-FURRING



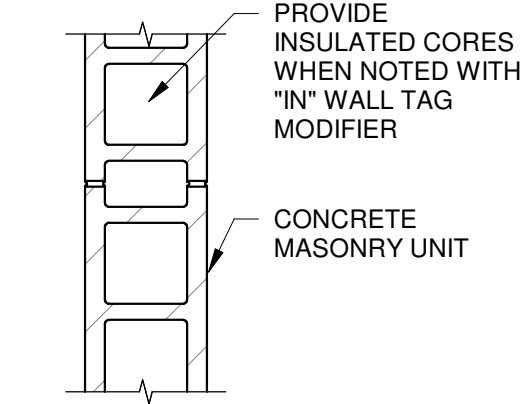
"FC" SERIES

PTN TYPE	STUD WIDTH	WALL WIDTH	NOTES
FC1	1 5/8"	2 1/4"	
FC2	2 1/2"	3 1/8"	
FC3	3 5/8"	4 1/4"	
FC4	4"	4 5/8"	
FC6	6"	6 5/8"	
FC8	8"	8 5/8"	



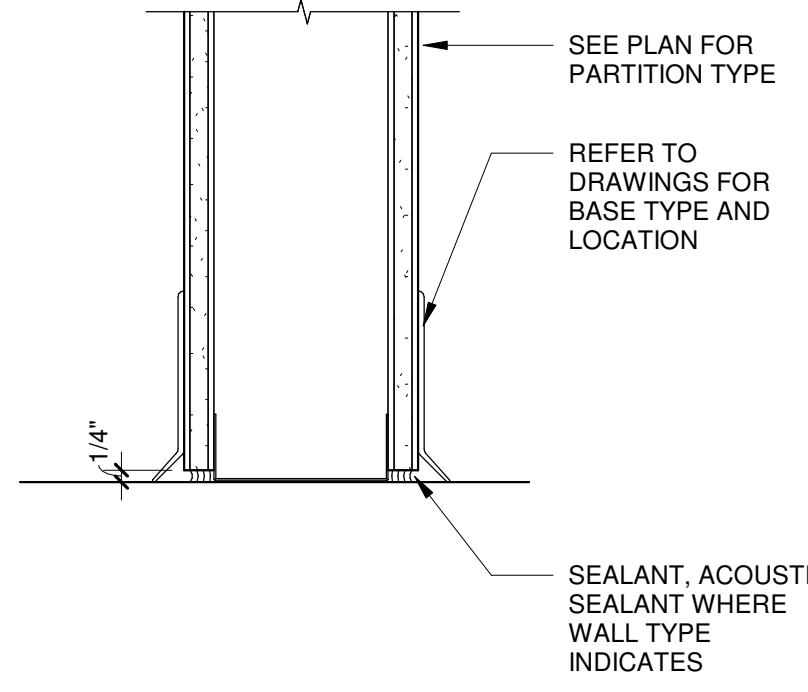
"SA" SERIES

PTN TYPE	STUD WIDTH	WALL WIDTH	AVAILABLE FIRE RESISTANCE	NOTES
SA2	2 1/2"	3 3/4"		
SA3	3 5/8"	4 7/8"	1 HOUR UL DES NO U465	
SA4	4"	5 1/4"	1 HOUR UL DES NO U465	
SA6	6"	7 1/4"	1 HOUR UL DES NO U465	
SA8	8"	9 1/4"	1 HOUR UL DES NO U465	

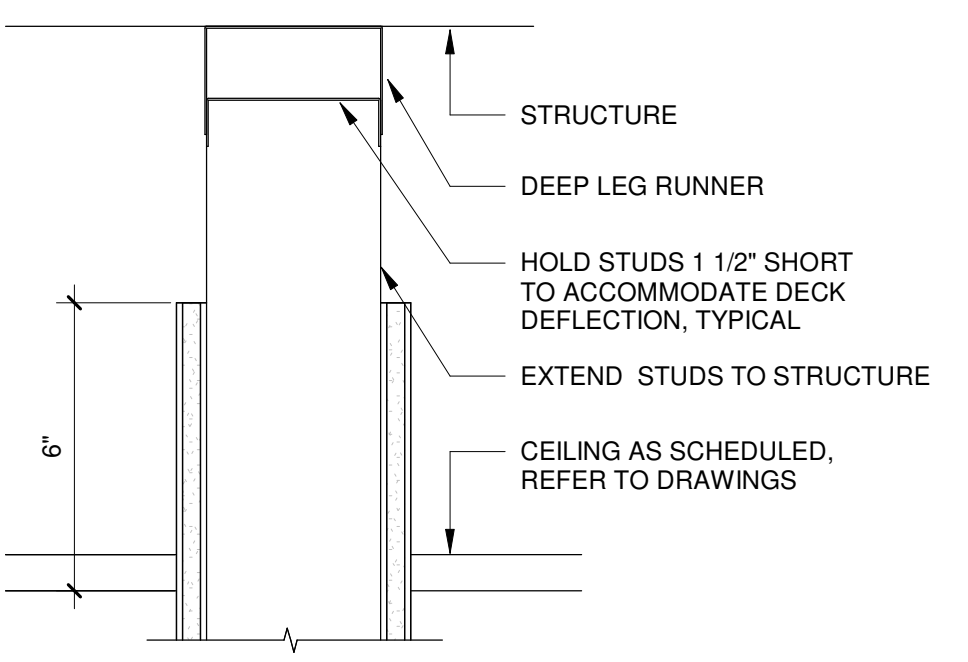


"MA" SERIES

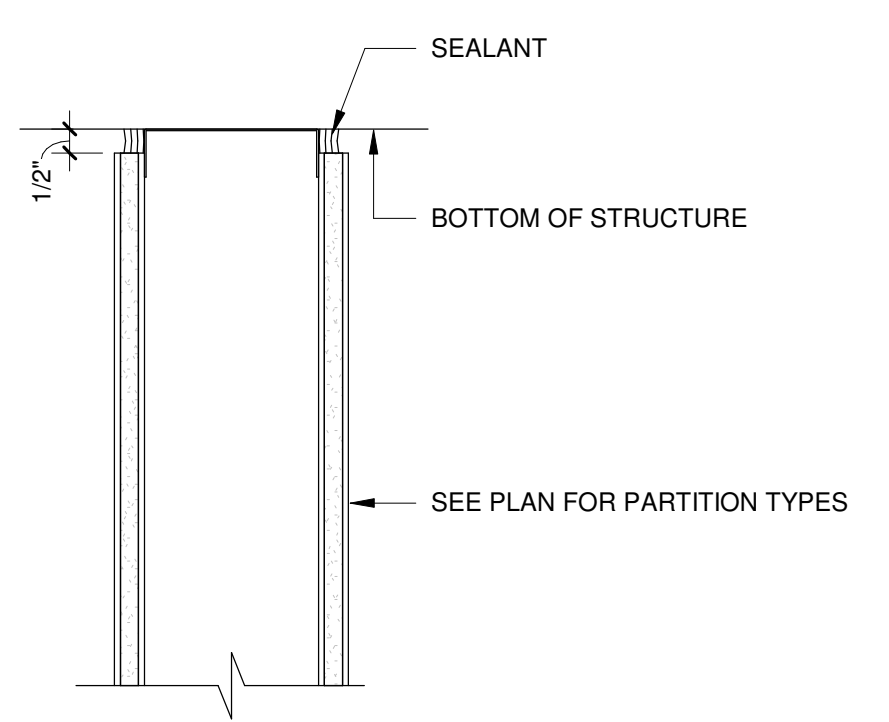
PTN TYPE	CMU WIDTH	WALL WIDTH	AVAILABLE FIRE RESISTANCE	NOTES
MA4	3 5/8"	4"	1 HOUR SOLID BLOCK ONLY	
MA6	5 5/8"	6"	2 HOUR	
MA8	7 5/8"	8"	2 HOUR	
MA0	9 5/8"	10"	2 HOUR	
MA2	11 5/8"	12"	4 HOUR	
MA14	13 5/8"	14"	4 HOUR	
MA16	15 5/8"	16"	4 HOUR	



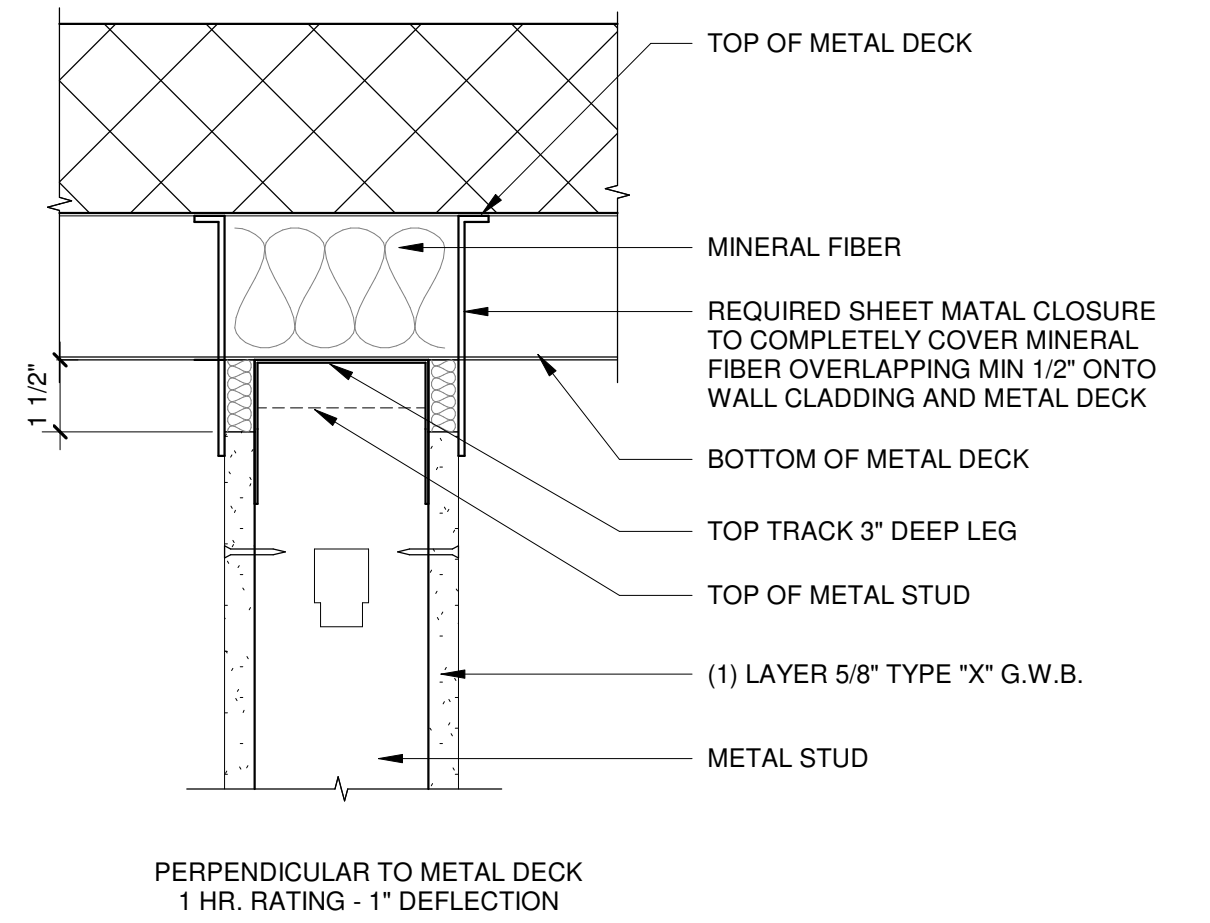
1 GYP WALL BASE
3" = 1'-0"



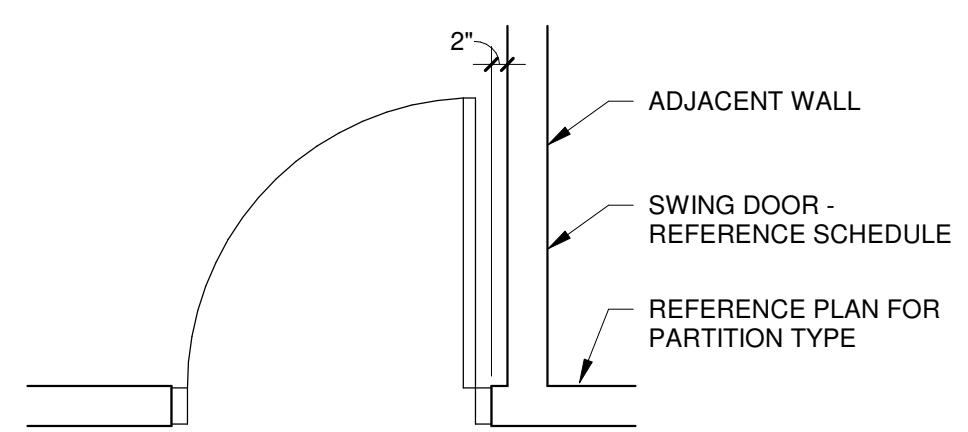
2 PARTITION HEAD
3" = 1'-0"



3 PARTITION HEAD
3" = 1'-0"

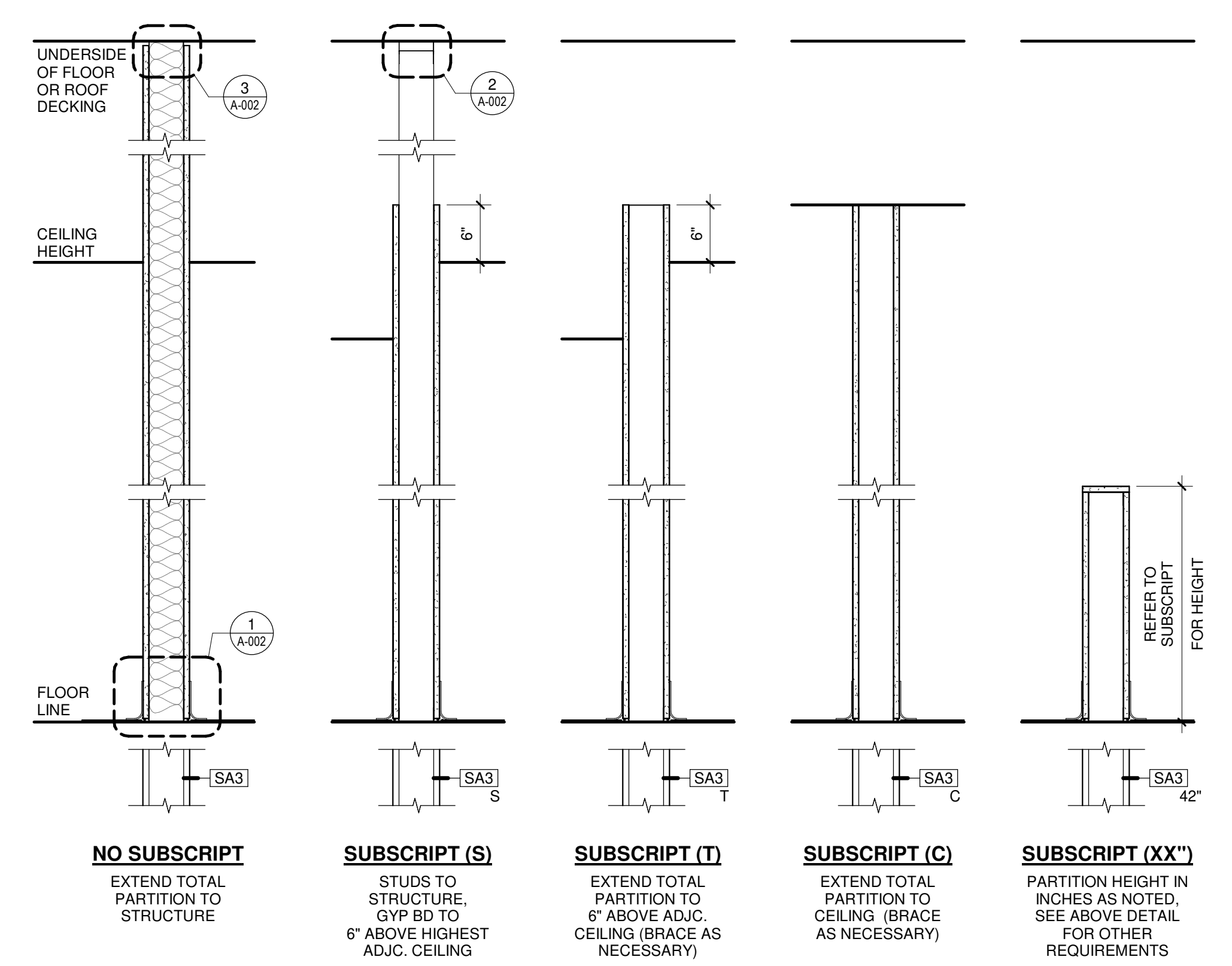


4 PARTITION HEAD - ONE HOUR
3" = 1'-0"



5 TYPICAL DOOR/FRAME LOCATION (U.N.O.)
1/2" = 1'-0"

PARTITION TYPE SYMBOL AND SUBSCRIPT DEFINITIONS:





**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

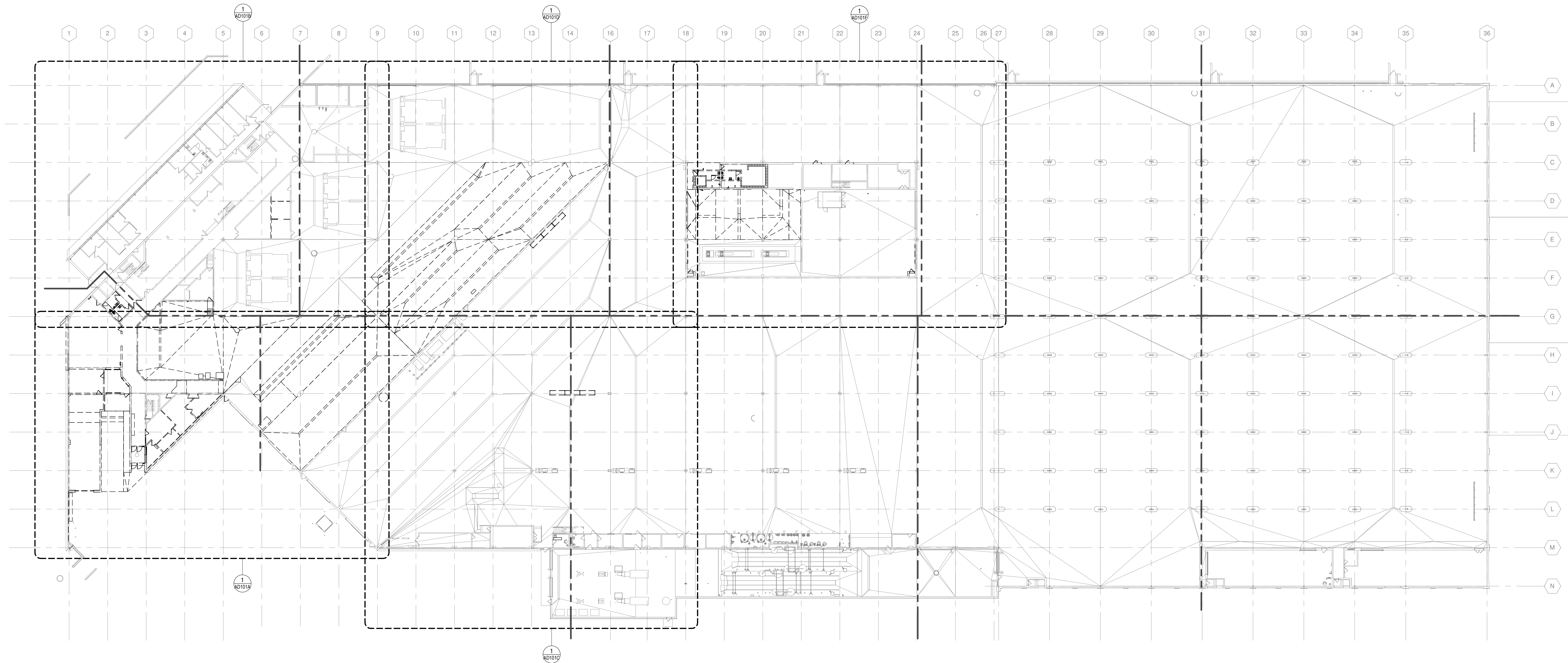
ISSUED
04/08/21 BID SET

CONTRACT NO.: 8981
RFP NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: SZK
DRAWN BY: NJD, DJM
CHECKED BY: RCL, REK
DO NOT SCALE DRAWINGS

SHEET CONTENTS
OVERALL FIRST
FLOOR DEMOLITION
PLAN

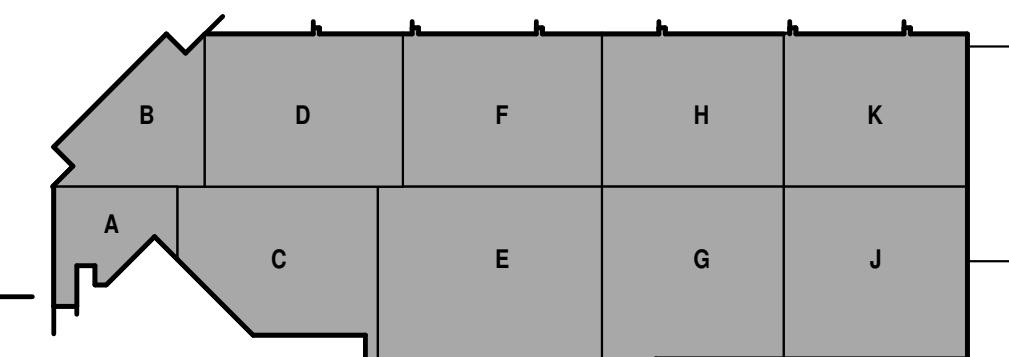
SHEET NO.:

AD101



TRUE PLAN
NORTH NORTH
 1
1" = 30'-0"

OVERALL FIRST FLOOR DEMOLITION PLAN



KEY PLAN

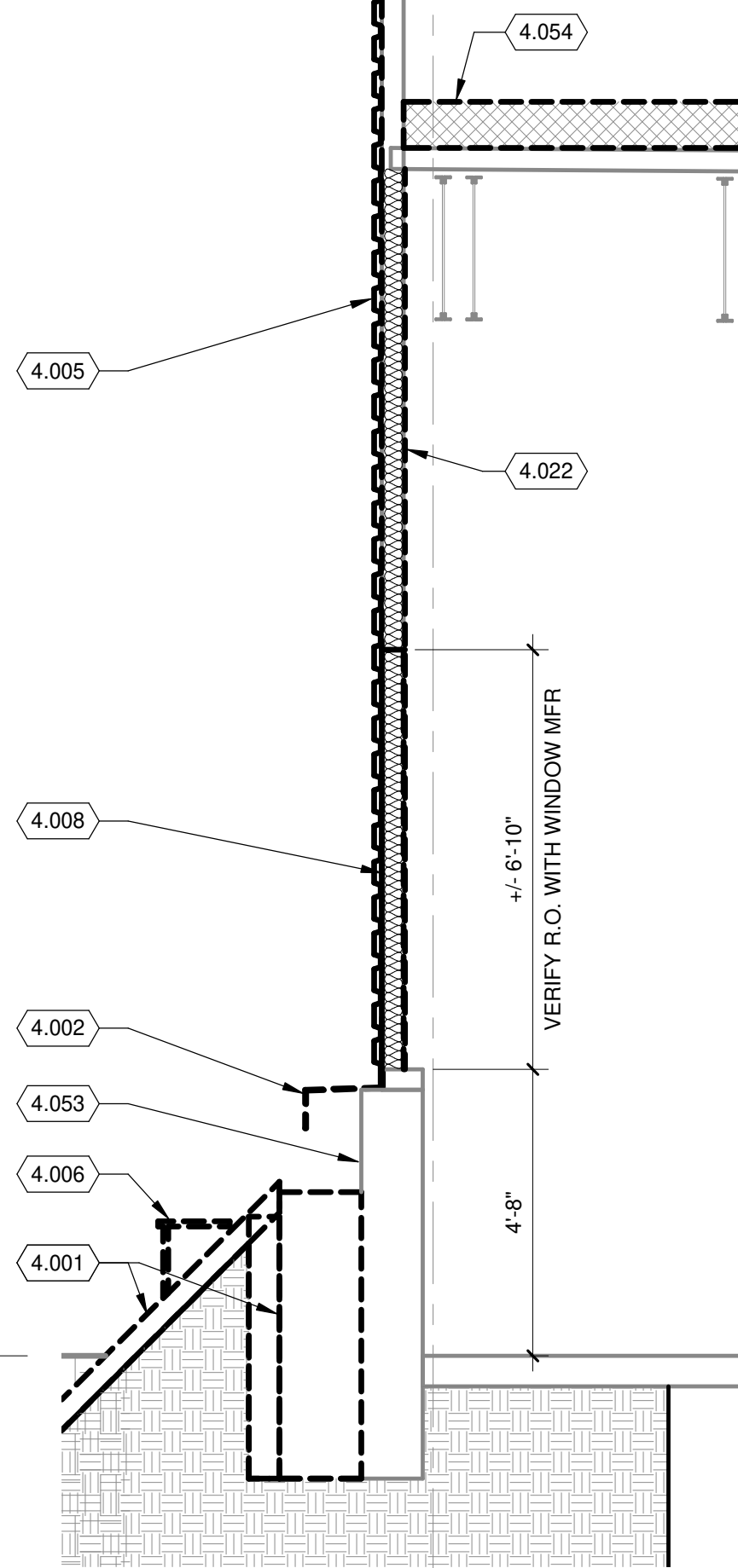
DEMOLITION PLAN GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY BUILDING AND SITE CONDITIONS AND REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH SCHEDULED DEMOLITION WORK.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING WORK AND ALL SUBCONTRACTORS FOR DEMOLITION AND REPAIR WORK.
3. IT IS THE INTENT OF THESE DRAWINGS TO INDICATE THE REMOVAL OF ITEMS WHICH INTERFERE WITH THE FINAL CONSTRUCTION AS SHOWN ON THE FLOOR PLANS, ELEVATIONS, DETAILS, AND SCHEDULES. FLOOR FINISHES, BASE, ABANDONED FURNITURE, WINDOW TREATMENTS, SHELVING, SIGNAGE, AND ROOFING MATERIALS SHALL BE DEMOLISHED IN THEIR ENTIRETY.
4. REMOVE ITEMS OF DEMOLITION WORK FROM THE PROJECT DAILY AND DISPOSE OF PROPERLY.
5. EXISTING CONCRETE AND STEEL STRUCTURE TO REMAIN, TYP. PROTECT COLUMNS, PILASTERS, BEAMS, AND SLABS.
6. EXISTING EXTERIOR WALL STRUCTURE CONSISTS OF METAL PANEL OVER METAL STUDS THAT SIT ON AN ELEVATED GRADE BEAM WITH A TOTAL HEIGHT OF +/-24'-0".
7. EXISTING INTERIOR WALLS IN THE WORK AREAS ARE TYPICALLY CMU CONSTRUCTION THAT EXTEND TO THE ROOF DECK AT 22'-3" TALL. LIMITED CMU PARTITIONS STAND AT 12'-4".
8. SECOND STORIES AND MEZZANINE CONSIST OF PRECAST PLANK. USE CAUTION WITH REMOVALS AND CORING TO PREVENT DAMAGE TO THEIR STRUCTURAL INTEGRITY. REF STRUCTURAL.
9. THE EXISTING MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING ITEMS AND/OR SYSTEMS, AND GAS, WATER AND ELECTRICAL METERS ARE GENERALLY INTENDED FOR FULL REPLACEMENT WITHIN THE WORK AREAS. FOR AREAS OUTSIDE OF THE WORK AREAS, SYSTEMS ARE TO REMAIN AND RECONNECTED TO NEW SERVICES IN THE AREAS OUTSIDE OF THE WORK AREAS. SEE SPECIFIC DISCIPLINE SHEETS FOR COORDINATION.
10. DEMOLISH CONCRETE FLOOR SLABS AS REQUIRED TO INSTALL NEW EQUIPMENT, UNDERGROUND CONDUIT, PLUMBING SYSTEMS, AND FLOOR DRAINS, REF: STRUCTURAL, EQUIPMENT, ELECTRICAL, AND PLUMBING DRAWINGS.
11. PROTECT EXISTING SURFACES TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
12. REPAIR OR REPLACE EXISTING CONSTRUCTION (WINDOWS, WALLS, DOORS, CEILING, FLOORS, ETC.) TO REMAIN WHICH ARE DAMAGED DURING CONSTRUCTION. REPLACEMENT MATERIAL SHALL MATCH IN KIND.
13. COORDINATE WITH OWNER-CONTRACTED ASBESTOS ABATEMENT CONTRACTOR FOR REMOVAL OF SEALANTS CONTAINING ASBESTOS.
14. REFERENCE SHEET A-001 NOTES & SYMBOLS FOR DEMOLITION LEGEND.
15. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING / SEQUENCING AND SITE ACCESS.
16. REFERENCE Q-SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS.

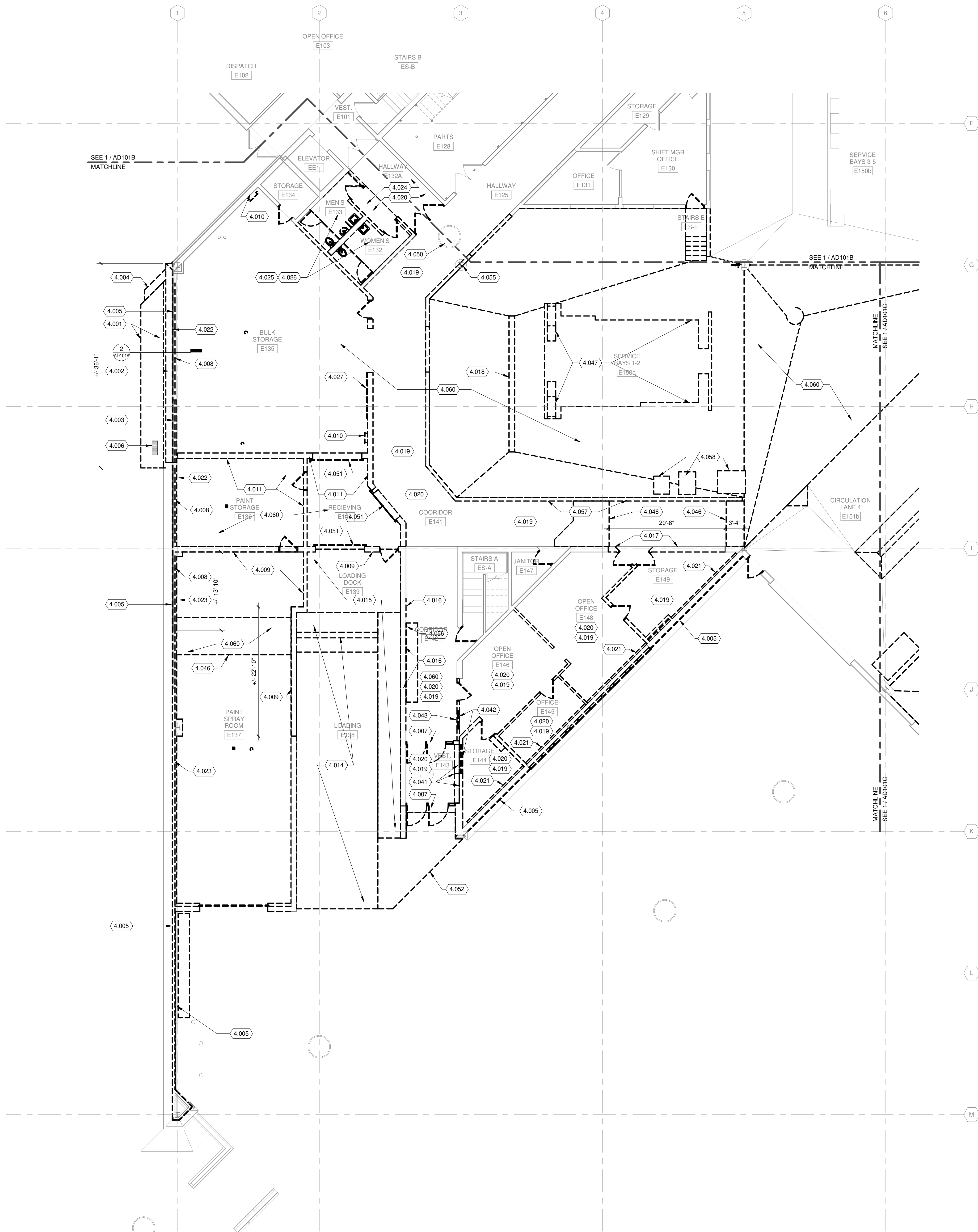
DEMOLITION LEGEND:

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED, TYP (U.N.O.)
- EXISTING DOOR TO REMAIN
- DOOR, FRAME, AND HARDWARE TO BE DEMOLISHED COMPLETE, TYP (U.N.O.)

OFFICE - ROOF
122'-3"



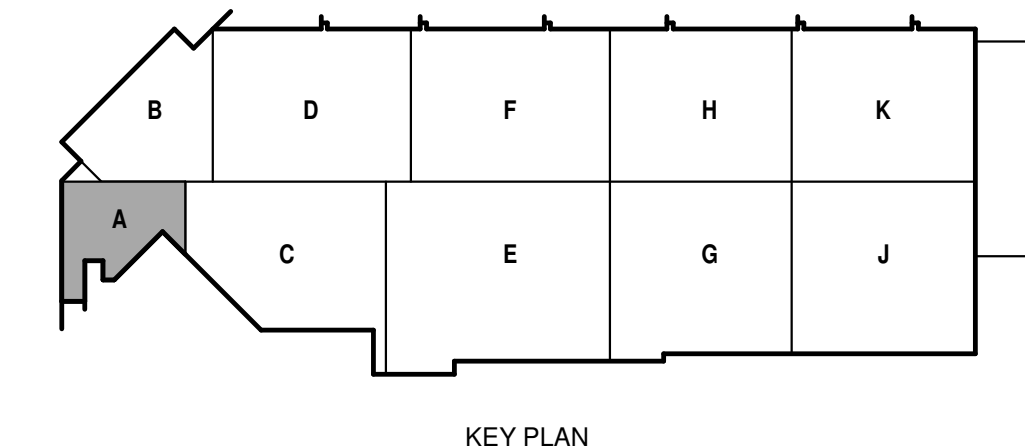
2 DEMOLITION WALL SECTION
3/8" = 1'-0"



TRUE PLAN NORTH
1 FIRST FLOOR DEMOLITION PLAN - AREA A
1/8" = 1'-0"

KEYED NOTES

- 4.001 SAWCUT AND REMOVE PORTION OF SLOPED CONCRETE BARRIER WALL WITH GRAVEL INFILL AT ENTRY LOCATION. USE CAUTION TO NOT DAMAGE ADJACENT CONCRETE GRADE BEAM. PROVIDE SHORING AT END OF WALL FOR REPLACEMENT END CAP.
- 4.002 SAWCUT AND REMOVE PORTION OF BENT PLATE AT ENTRY DOOR TO THE PLAN NORTH CORNER.
- 4.003 SAWCUT AND REMOVE PORTION OF WALL AND GRADE BEAM - REF PLAN SHEETS.
- 4.004 SAWCUT AND REMOVE BRICK WING WALL IN ITS ENTIRETY. CUT FOUNDATION WALL 6" BELOW GRADE FOR CIVIL WORK. USE CAUTION TO NOT DAMAGE BRICK VENEER WALL TO REMAIN.
- 4.005 REMOVE METAL PANELS BY FULL SECTIONS TO VERTICAL JOINT OVER EXISTING WALL FRAMING AND CONCRETE GRADE BEAM TO REMAIN. METAL PANEL MASTIC CONTAINS ASBESTOS. COORDINATE WITH ASBESTOS REMOVAL CONTRACTOR BY SEPARATE CONTRACT.
- 4.006 REMOVE AND SALVAGE METAL STEP FOR RELOCATION AT NEW SERVICE ENTRY LOCATION.
- 4.007 REMOVE DOOR VESTIBULE STOREFRONT, DOOR, AND FRAME.
- 4.008 REMOVE PORTION OF WALL FOR WINDOW OPENINGS - REF PLAN SHEETS.
- 4.009 REMOVE PORTION OF STRUCTURAL WALL UP TO 17'-0" AFF. PROVIDE ADEQUATE SHORING TO PREVENT DAMAGE TO STRUCTURE. SEE STRUCTURAL FOR DETAILS.
- 4.010 REMOVE LADDER AND ASSOCIATED FASTENERS.
- 4.011 REMOVE WALLS AND ASSOCIATED PRECAST MEZZANINE COMPLETE.
- 4.012 REMOVE WATER AND FIRE PROTECTION SERVICE ENTRY PIPING AND CAP FOR RELOCATION. SEE PLUMBING.
- 4.013 CORE DRILL SLOPED CONCRETE BASE AND GRADE BEAM FOR RELOCATED WATER SERVICE ENTRY. SEE PLUMBING.
- 4.014 REMOVE SLOPED CONCRETE LOADING DOCK DRIVE, TRENCH DRAIN, AND SEWER CAP - REF CIVIL AND STRUCTURAL.
- 4.015 REMOVE LOADING DOCK CONCRETE LANDINGS, RAILINGS, DOCK LEVELER, AND BUMPERS COMPLETE.
- 4.016 REMOVE PORTION OF WALL FOR NEW OPENING. PROVIDE SHORING TO PREVENT DAMAGE TO ADJACENT STRUCTURE.
- 4.017 REMOVE PORTION OF STRUCTURAL WALL. PROVIDE ADEQUATE SHORING TO PREVENT DAMAGE TO STRUCTURE. SEE STRUCTURAL FOR DETAILS.
- 4.018 REMOVE TRENCH DRAIN COMPLETE AND CAP PIPING - REF PLUMBING.
- 4.019 REMOVE VINYL TILE FLOOR COMPLETE.
- 4.020 REMOVE ACOUSTIC TILE CEILING AND GRID COMPLETE.
- 4.021 REMOVE GYP WALL FURRING AT PRIMARY WALL STRUCTURE TO REMAIN.
- 4.022 REMOVE INTERIOR GYPSUM PANEL AND ANY INTERIOR INSULATION AT THE FULL EXTENT OF WEST WALL IN ROOM. EXISTING METAL STUDS TO REMAIN.
- 4.023 REMOVE INTERIOR METAL PANEL AND INSULATION FULL HEIGHT. SALVAGE PANELS FROM FOR REINSTALLATION IN WATER SERVICE ENTRY AND TIRE ROOM.
- 4.024 REMOVE RUBBER SHEET FLOORING COMPLETE.
- 4.025 REMOVE TOILET ROOMS WALLS, PORCELAIN TILE FLOOR & BASE, PLUMBING FIXTURES, PARTITIONS, LOCKERS, AND ACCESSORIES COMPLETE FOR NEW CONFIGURATION. CAP PLUMBING AT REMOVED FIXTURES. CUT CONCRETE FLOOR FOR NEW FIXTURES - REF LAYOUT DRAWINGS.
- 4.026 REMOVE PRECAST LID OVER TOILET ROOMS.
- 4.027 REMOVE SLIDING DOOR AND ASSOCIATED HARDWARE.
- 4.041 REMOVE COUNTER/SHELF, DISPLAY CASE AND TACK BOARD.
- 4.042 REMOVE ALUMINUM WINDOW AND FRAME COMPLETE.
- 4.043 REMOVE TV DISPLAY CASE AND ALL ASSOCIATED EQUIPMENT. SALVAGE ELECTRONIC EQUIPMENT AND BRACKETS TO OWNER.
- 4.046 REMOVE CONCRETE FLOOR REQUIRED TO INSTALL NEW CMU WALL - SEE STRUCTURAL.
- 4.047 REMOVE EQUIPMENT LIFTS AND FOUNDATIONS.
- 4.050 CATCH BASIN TO REMAIN. SEE PLUMBING DRAWINGS.
- 4.051 REMOVE OVERHEAD DOOR, RAILS, AND MOTORS, COMPLETE.
- 4.052 REMOVE CONCRETE SLAB.
- 4.053 EXISTING GRADE BEAM TO REMAIN INTACT.
- 4.054 REMOVE PORTION OF ROOFING AND INSULATION SYSTEM DOWN TO DECK FOR STRUCTURAL REINFORCEMENT AT OVERHANG AREA. WORK SHALL BE COMPLIANT TO MAINTAIN ROOF WARRANTY.
- 4.055 PROTECT EXISTING COLUMN AT WALL REMOVAL, TYP.
- 4.056 REMOVE COUNTERTOP COMPLETE.
- 4.057 REMOVE MULTIPLE TACK BOARDS AND SALVAGE TO OWNER.
- 4.058 EQUIPMENT REMOVAL - REF Q-SHEETS FOR SCOPE OF WORK.
- 4.060 REMOVE PORTION OF SLAB TO ACCOMMODATE NEW LAYOUT AND INFRASTRUCTURE - REF STRUCTURAL.





DEMOLITION PLAN GENERAL NOTES:

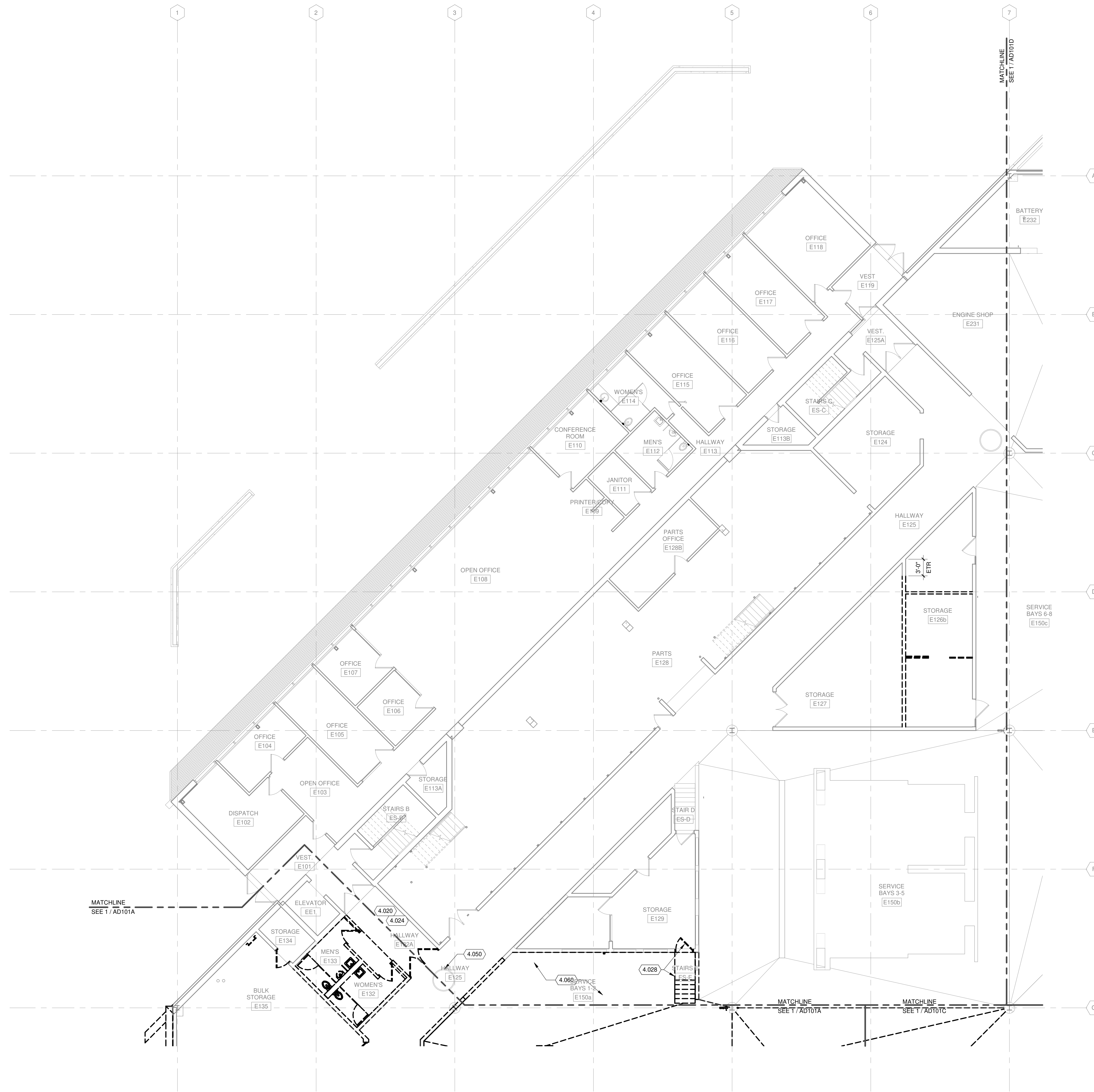
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7. EXISTING INTERIOR WALLS IN THE WORK AREAS ARE TYPICALLY CMU CONSTRUCTION THAT EXTEND TO THE ROOF DECK AT 22'-3" TALL. LIMITED CMU PARTITIONS STAND AT 12'-4".
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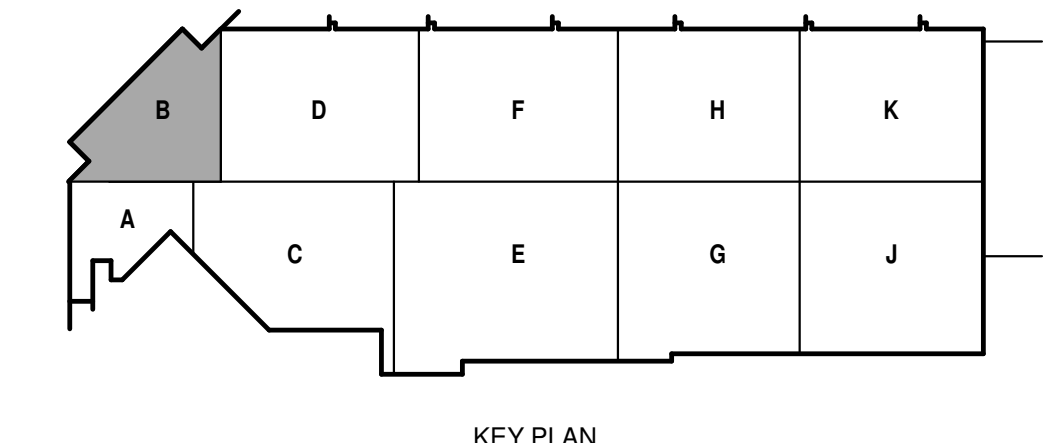
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- 4.014 REMOVE SLOPED CONCRETE LOADING DOCK DRIVE, TRENCH DRAIN, AND SEWER CAP - REF CIVIL AND STRUCTURAL
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- 4.024 REMOVE RUBBER SHEET FLOORING COMPLETE
- 4.028 REMOVE CONCRETE STAIR, RAILINGS, AND KNEE WALL COMPLETE. REMOVE HARDWARE FROM DOOR AND PERMANENTLY FIX SHUT
- 4.050 CATCH BASIN TO REMAIN, SEE PLUMBING DRAWINGS
- 4.060 REMOVE PORTION OF SLAB TO ACCOMMODATE NEW LAYOUT AND INFRASTRUCTURE - REF STRUCTURAL



TRUE PLAN NORTH NORTH
FIRST FLOOR DEMOLITION PLAN - AREA B
1/8" = 1'-0"





DEMOLITION PLAN GENERAL NOTES:

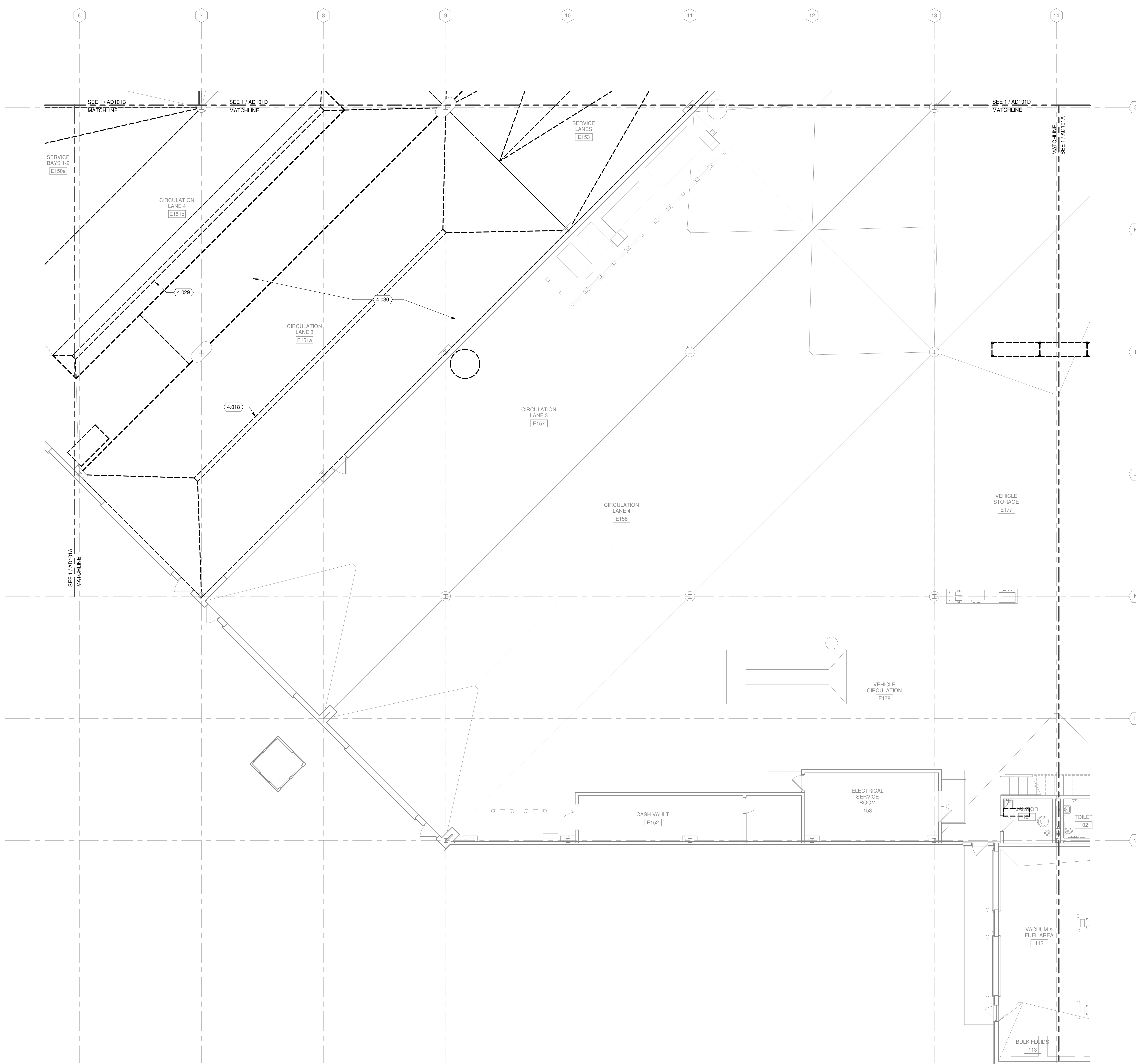
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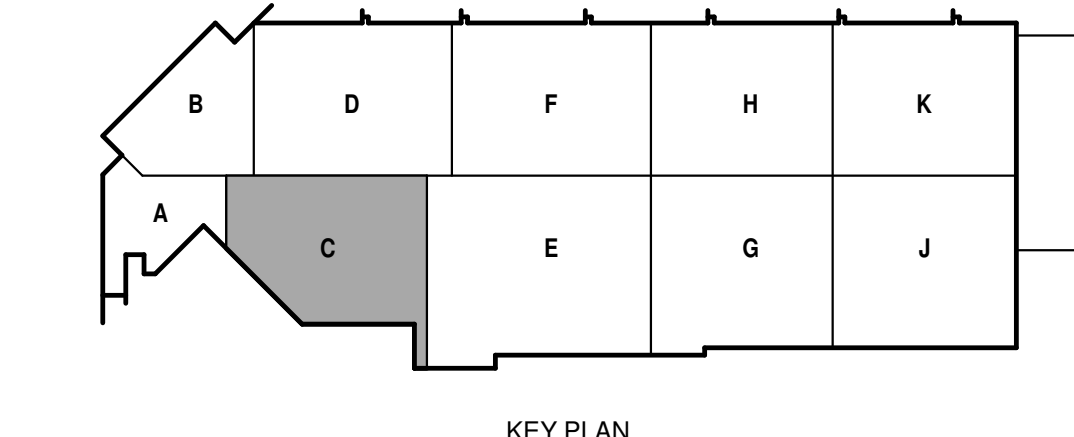
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KEYED NOTES

- 4.018 REMOVE TRENCH DRAIN COMPLETE AND CAP PIPING - REF PLUMBING
- 4.029 REMOVE TRENCH DRAIN HOUSING AND GRATES FOR REPLACEMENT - REF STRUCTURAL & PLUMBING
- 4.030 REMOVE CONCRETE FLOOR REQUIRED TO INSTALL NEW LIFTS AND PROVIDE APPROPRIATE SLOPES - SEE STRUCTURAL
- 4.059 REMOVE VERTICAL DUCTWORK - REF MECH.



TRUE PLAN
NORTH NORTH
1
FIRST FLOOR DEMOLITION PLAN - AREA C
1/8" = 1'-0"





DEMOLITION PLAN GENERAL NOTES:

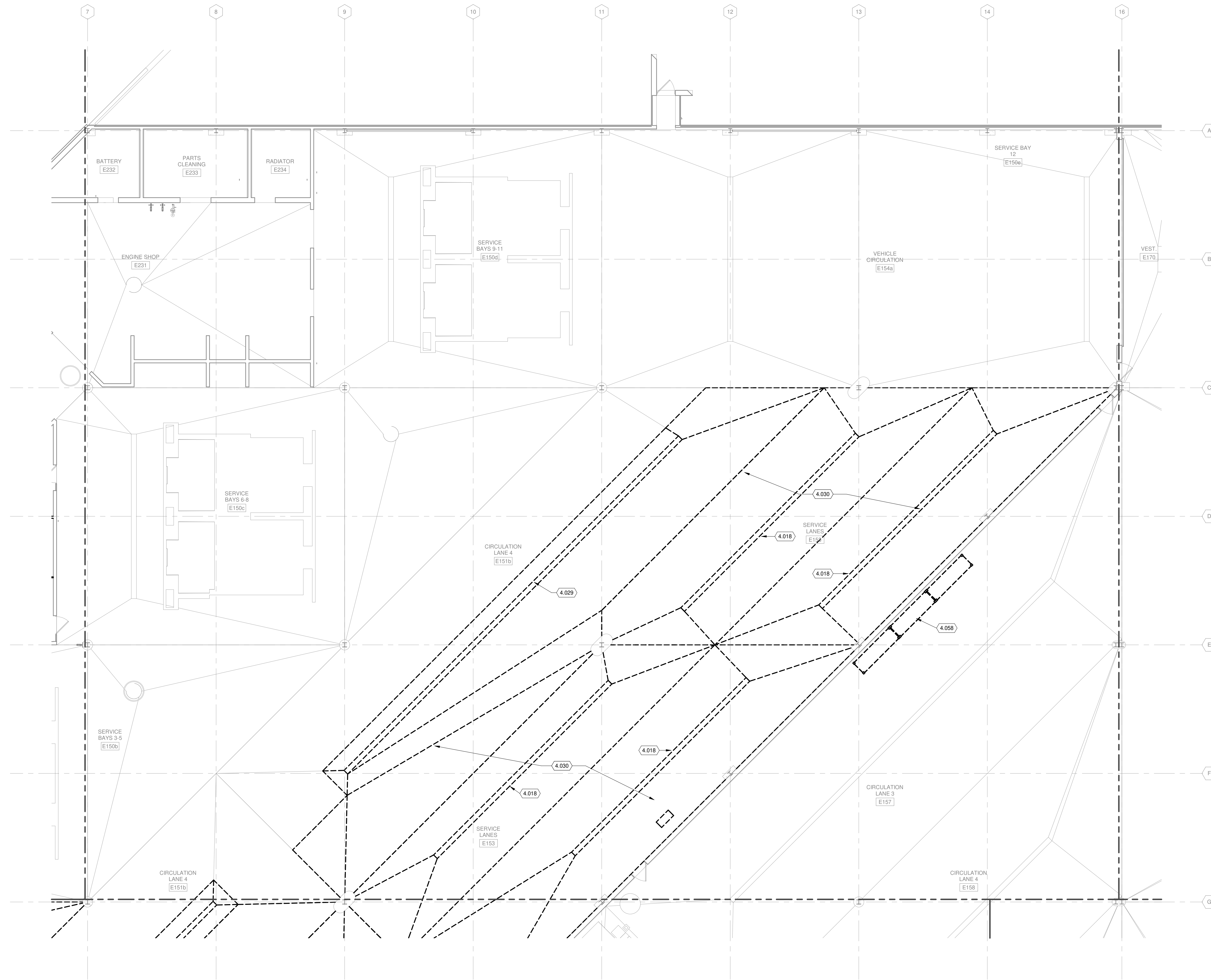
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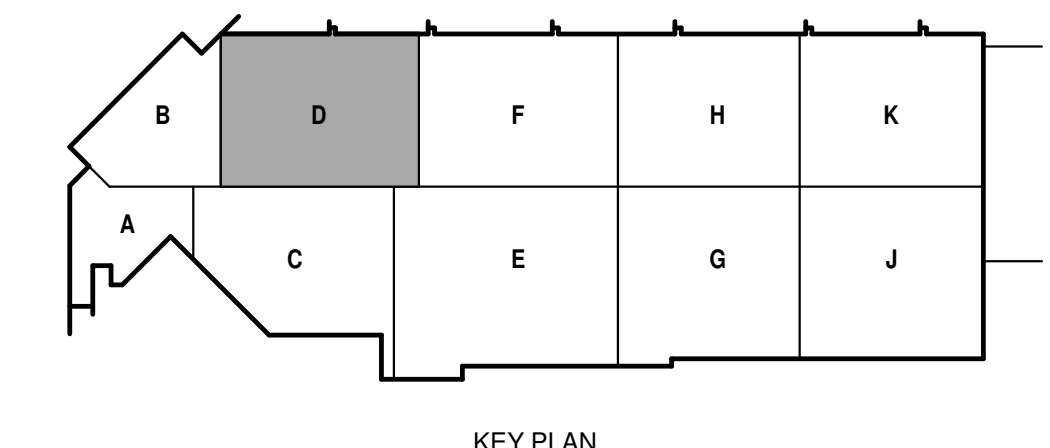
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TRUE PLAN
NORTH NORTH
1
1/8" = 1'-0"
FIRST FLOOR DEMOLITION PLAN - AREA D





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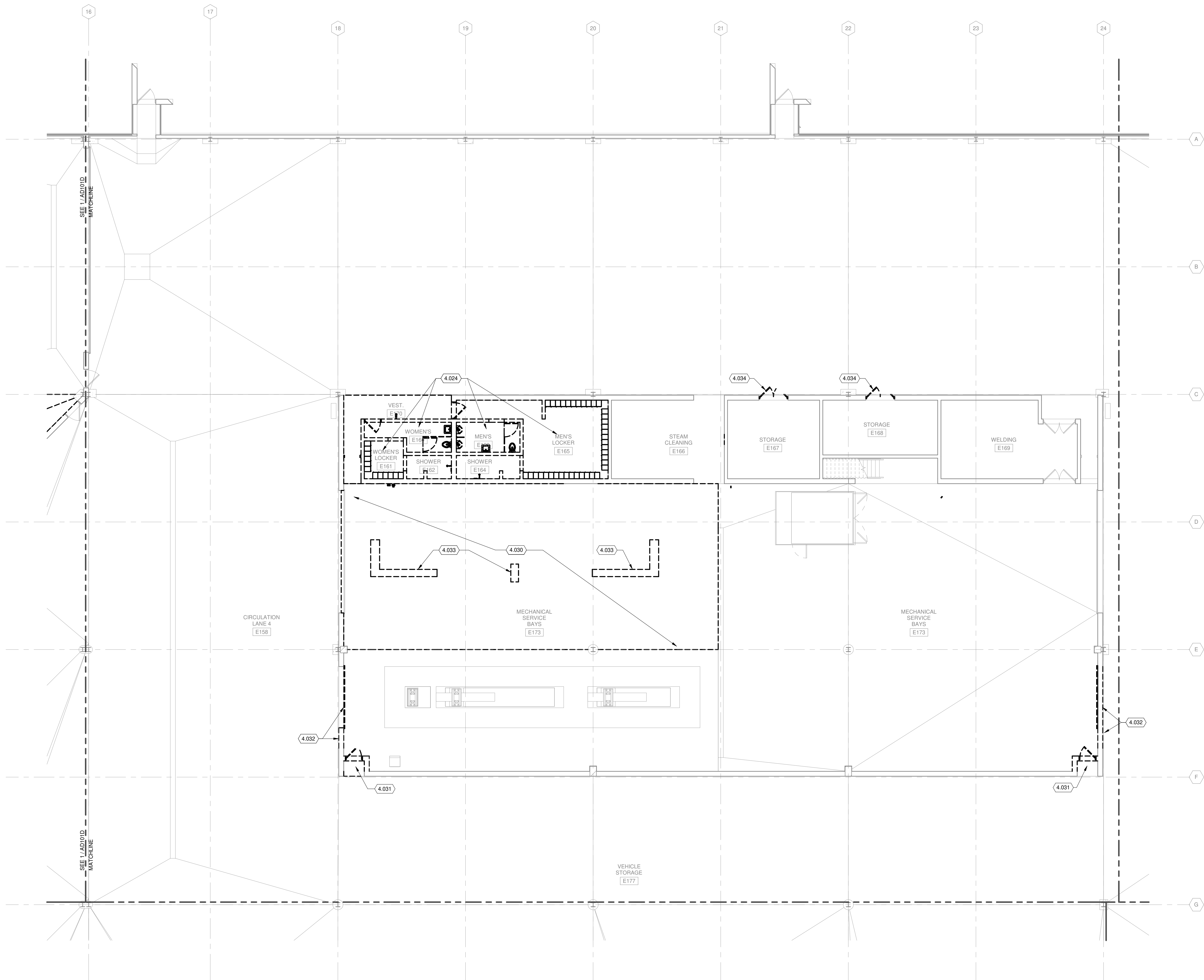
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KEYED NOTES

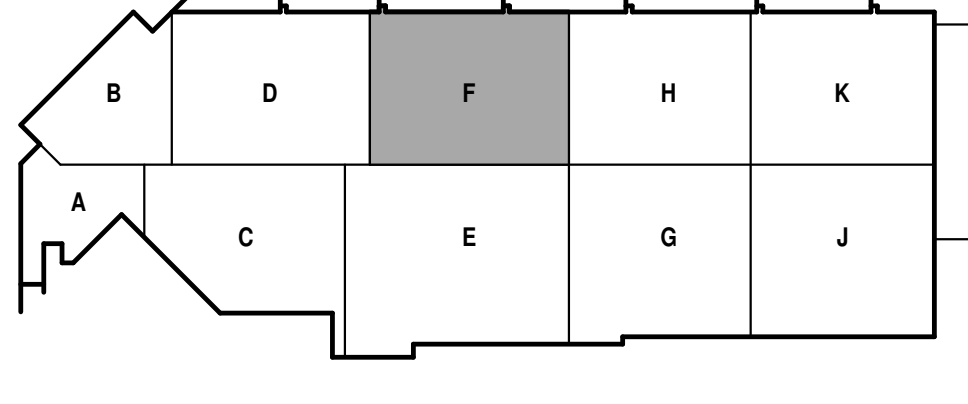
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- 4.030 REMOVE CONCRETE FLOOR REQUIRED TO INSTALL NEW LIFTS AND PROVIDE APPROPRIATE SLOPES - SEE STRUCTURAL
- 4.031 REMOVE ENTRY VESTIBULE WALLS, DOOR, FRAME AND CONCRETE CEILING CAPS.
- 4.032 REMOVE OVERHEAD DOOR AND PORTION OF WALL TO INSTALL WIDER OVERHEAD DOOR
- 4.033 REMOVE VEHICLE POST LIFT AND ASSOCIATED COMPONENTS COMPLETE
- 4.034 REMOVE DOOR AND FRAME TO ACCOMMODATE NEW DOOR AND FRAME IN EXISTING OPENING
- 4.044 REMOVE PIPING, SEE PLUMBING DRAWINGS

ALTERNATE NO. 1. SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.



TRUE PLAN
NORTH NORTH
 1
FIRST FLOOR DEMOLITION PLAN - AREA F
1/8" = 1'-0"

**ALL WORK ON THIS SHEET IS
ALTERNATE BID #1**



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**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

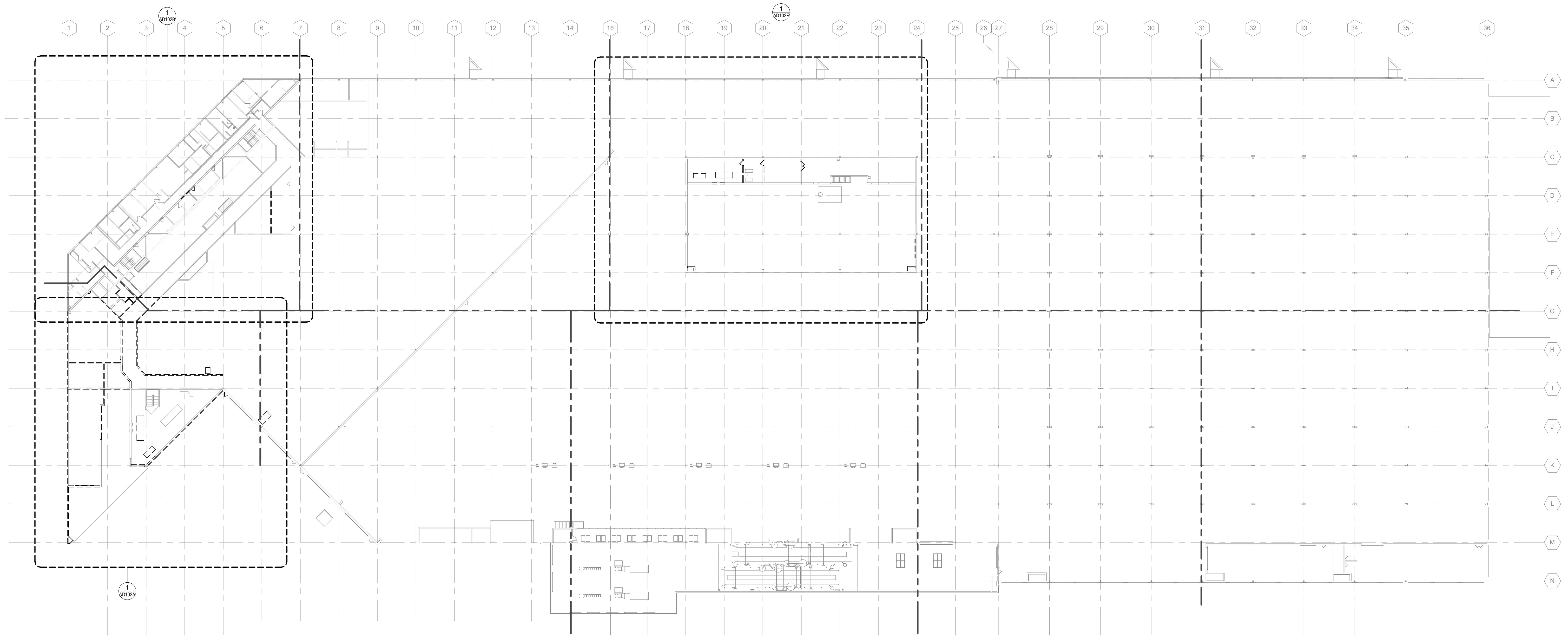
ISSUED
04/08/21 BID SET

CONTRACT NO.: 8981
MMW NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: SZK
DRAWN BY: NJD, DJM
CHECKED BY: RCL, REK
DO NOT SCALE DRAWINGS

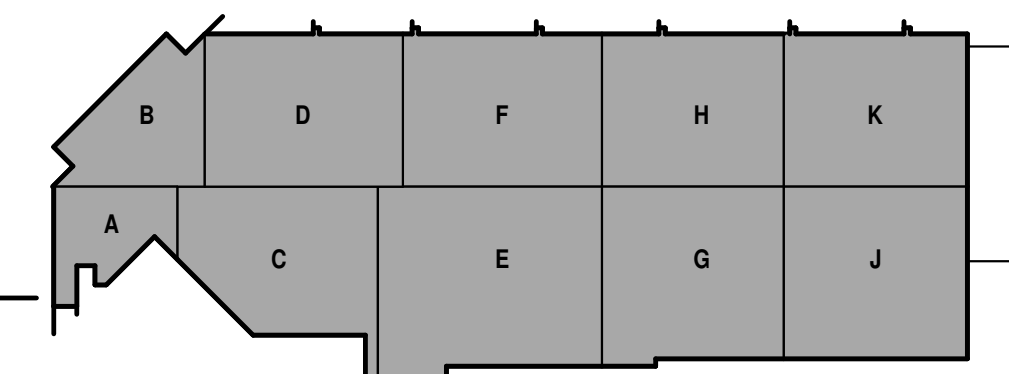
SHEET CONTENTS
OVERALL SECOND FLOOR DEMOLITION PLAN

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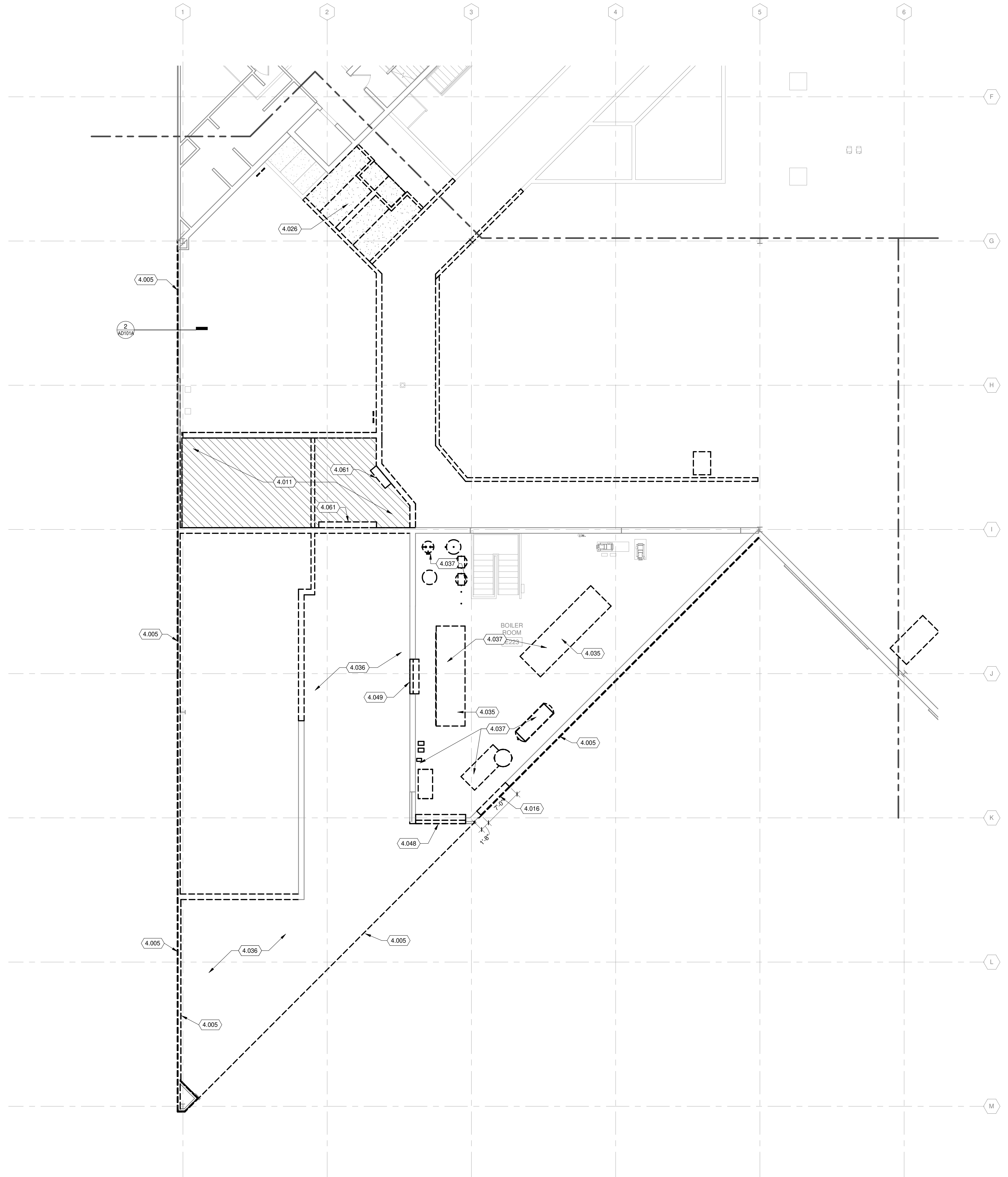
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TRUE PLAN
NORTH NORTH
OVERALL SECOND FLOOR DEMOLITION PLAN
1" = 30'-0"



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SECOND FLOOR DEMOLITION PLAN - AREA A

1/8" = 1'-0"

DEMOLITION PLAN GENERAL NOTES:

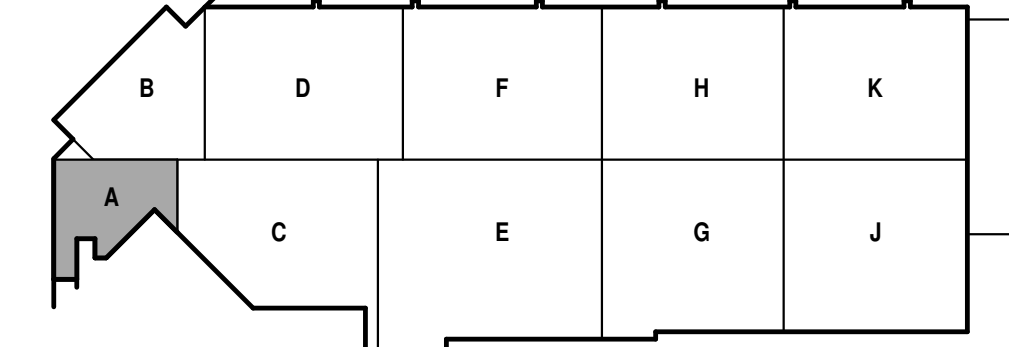
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11. PROTECT EXISTING SURFACES TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
12. REPAIR OR REPLACE EXISTING CONSTRUCTION (WINDOWS, WALLS, DOORS, CEILING, FLOORS, ETC.) TO REMAIN WHICH ARE DAMAGED DURING CONSTRUCTION. REPLACEMENT MATERIAL SHALL MATCH IN KIND.

DEMOLITION LEGEND: ASBESTOS ABATEMENT

- 14. REFERENCE SHEET A-101 NOTES & SYMBOLS FOR DEMOLITION LEGEND. EXISTING CONSTRUCTION TO REMAIN
- 15. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING / SEQUENCING AND ACCESS. EXISTING CONSTRUCTION TO BE DEMOLISHED, TYP
- 16. REFERENCE SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS. EXISTING DOOR TO REMAIN
- DOOR, FRAME, AND HARDWARE TO BE DEMOLISHED COMPLETE, TYP (U.N.C.)

KEYED NOTES

- 4.005 REMOVE METAL PANELS BY FULL SECTIONS TO VERTICAL JOINT OVER EXISTING WALL FRAMING AND CONCRETE GRADE BEAM TO REMAIN. METAL PANEL MASTIC CONTAINS ASBESTOS. COORDINATE WITH ASBESTOS REMOVAL CONTRACTOR BY SEPARATE CONTRACT.
- 4.011 REMOVE WALLS AND ASSOCIATED PRECAST MEZZANINE COMPLETE
- 4.016 REMOVE PORTION OF WALL FOR NEW OPENING. PROVIDE SHORING TO PREVENT DAMAGE TO ADJACENT STRUCTURE
- 4.026 REMOVE PRECAST LID OVER TOILET ROOMS
- 4.035 REMOVE CONCRETE EQUIPMENT PADS - GRIND FOR SMOOTH FLOOR PATCH TRANSITION
- 4.036 REMOVE PLASTER SOFFIT COMPLETE
- 4.037 REMOVE EQUIPMENT FOR REPLACEMENTS, TYP - REF G-101 FOR SEQUENCING AND MEP FOR SPECIFIC REQUIREMENTS.
- 4.048 REMOVE MECHANICAL LOUVER. INSTALL NEW LOUVER IN SAME OPENING
- 4.049 REMOVE MECHANICAL LOUVER. INFILL CMU TO MATCH WALL CONDITION
- 4.061 SOLAR COLLECTORS TO BE REMOVED BY THE CITY. SEE G-101 FOR CONSTRUCTION SEQUENCING REQUIREMENTS.



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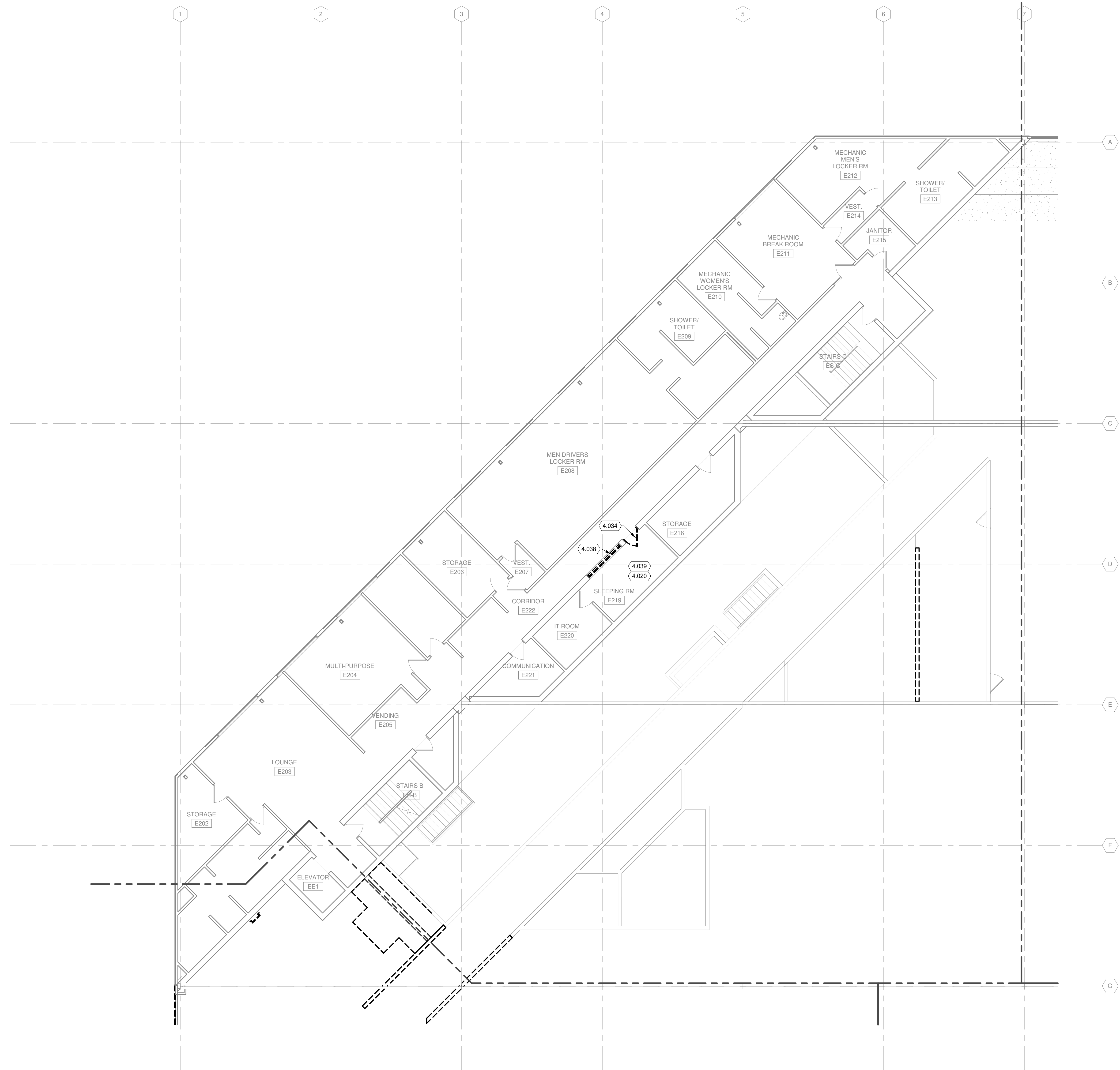
CONTRACT NO.: 8981
RHW NO.: 4503500-190696.03
DATE: APRIL 8, 2021
DESIGNED BY: SZK
DRAWN BY: NJD, DJM
CHECKED BY: RCL, REK
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SHEET CONTENTS
SECOND FLOOR
DEMOLITION PLAN - AREA A

SHEET NO.:

AD102A

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DEMOLITION PLAN GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY BUILDING AND SITE CONDITIONS AND REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH SCHEDULED DEMOLITION WORK.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING WORK AND ALL SUBCONTRACTORS FOR DEMOLITION AND REPAIR WORK.
3. IT IS THE INTENT OF THESE DRAWINGS TO INDICATE THE REMOVAL OF ITEMS WHICH INTERFERE WITH THE FINAL CONSTRUCTION AS SHOWN ON THE FLOOR PLANS, ELEVATIONS, DETAILS, AND SCHEDULES. FLOOR FINISHES, BASE, ABANDONED FURNITURE, WINDOW TREATMENTS, SHELVING, SIGNAGE, AND ROOFING MATERIALS SHALL BE DEMOLISHED IN THEIR ENTIRETY.
4. REMOVE ITEMS OF DEMOLITION WORK FROM THE PROJECT DAILY AND DISPOSE OF PROPERLY.
5. EXISTING CONCRETE AND STEEL STRUCTURE TO REMAIN, TYP. PROTECT COLUMNS, PLASTERS, BEAMS, AND SLABS.
6. EXISTING EXTERIOR WALL STRUCTURE CONSISTS OF METAL PANEL OVER METAL STUDS THAT SIT ON AN ELEVATED GRADE BEAM WITH A TOTAL HEIGHT OF +/-24'-0".
7. EXISTING INTERIOR WALLS IN THE WORK AREAS ARE TYPICALLY CMU CONSTRUCTION THAT EXTEND TO THE ROOF DECK AT 22'-3" TALL. LIMITED CMU PARTITIONS STAND AT 12'-4".
8. SECOND STORIES AND MEZZANINE CONSIST OF PRECAST PLANK - USE CAUTION WITH REMOVALS AND CORING TO PREVENT DAMAGE TO THEIR STRUCTURAL INTEGRITY. REF STRUCTURAL.
9. THE EXISTING MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING ITEMS AND/OR SYSTEMS, AND GAS, WATER AND ELECTRICAL METERS ARE GENERALLY INTENDED FOR FULL REPLACEMENT WITHIN THE WORK AREAS. FOR AREAS OUTSIDE OF THE WORK AREAS, SYSTEMS ARE TO REMAIN AND RECONNECTED TO NEW SERVICES IN THE AREAS OUTSIDE OF THE WORK AREAS. SEE SPECIFIC DISCIPLINE SHEETS FOR COORDINATION.
10. DEMOLISH CONCRETE FLOOR SLABS AS REQUIRED TO INSTALL NEW EQUIPMENT, UNDERGROUND CONDUIT, PLUMBING SYSTEMS, AND FLOOR DRAINS. REF STRUCTURAL, EQUIPMENT, ELECTRICAL, AND PLUMBING DRAWINGS.
11. PROTECT EXISTING SURFACES TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
12. REPAIR OR REPLACE EXISTING CONSTRUCTION (WINDOWS, WALLS, DOORS, CEILING, FLOORS, ETC.) TO REMAIN WHICH ARE DAMAGED DURING CONSTRUCTION. REPLACEMENT MATERIAL SHALL MATCH IN KIND.

DEMOLITION LEGEND: ASBESTOS ABATEMENT (U.N.D.) AND REMOVAL OF SEPARATELY IDENTIFIED ASBESTOS

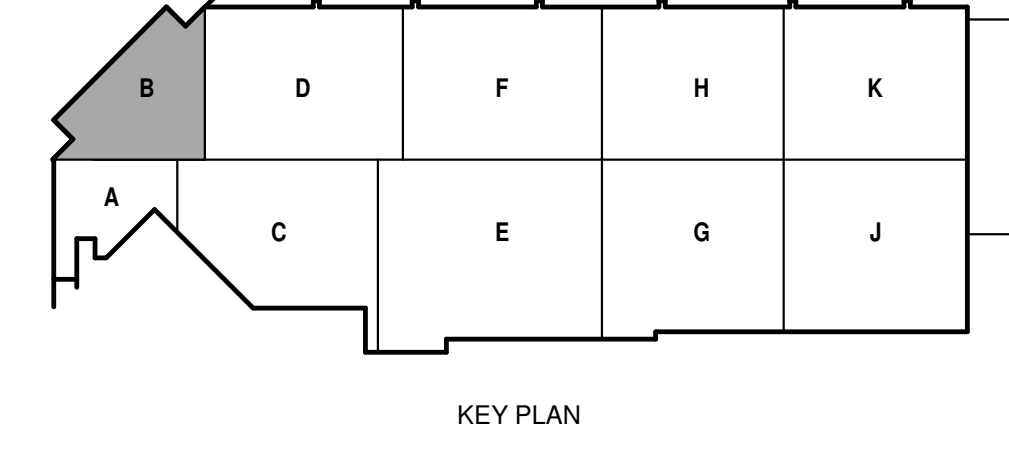
14. REFERENCE SHEET A-001 NOTES & SYMBOLS FOR DEMOLITION LEGEND. EXISTING CONSTRUCTION TO REMAIN
 15. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING / SEQUENCE AND ACCESS
 16. REFERENCE SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS
- EXISTING DOOR TO REMAIN
- DOOR, FRAME, AND HARDWARE TO BE DEMOLISHED COMPLETE, TYP (U.N.C.)

KEYED NOTES

- 4.020 REMOVE ACOUSTIC TILE CEILING AND GRID COMPLETE
- 4.034 REMOVE DOOR AND FRAME TO ACCOMMODATE NEW DOOR AND FRAME IN EXISTING OPENING
- 4.038 REMOVE HOLLOW METAL FULL LITE INTERIOR WINDOW AND GUARD RAIL COMPLETE FOR INFILL
- 4.039 REMOVE CARPET COMPLETE

TRUE PLAN NORTH NORTH

SECOND FLOOR DEMOLITION PLAN - AREA B
 1/8" = 1'-0"



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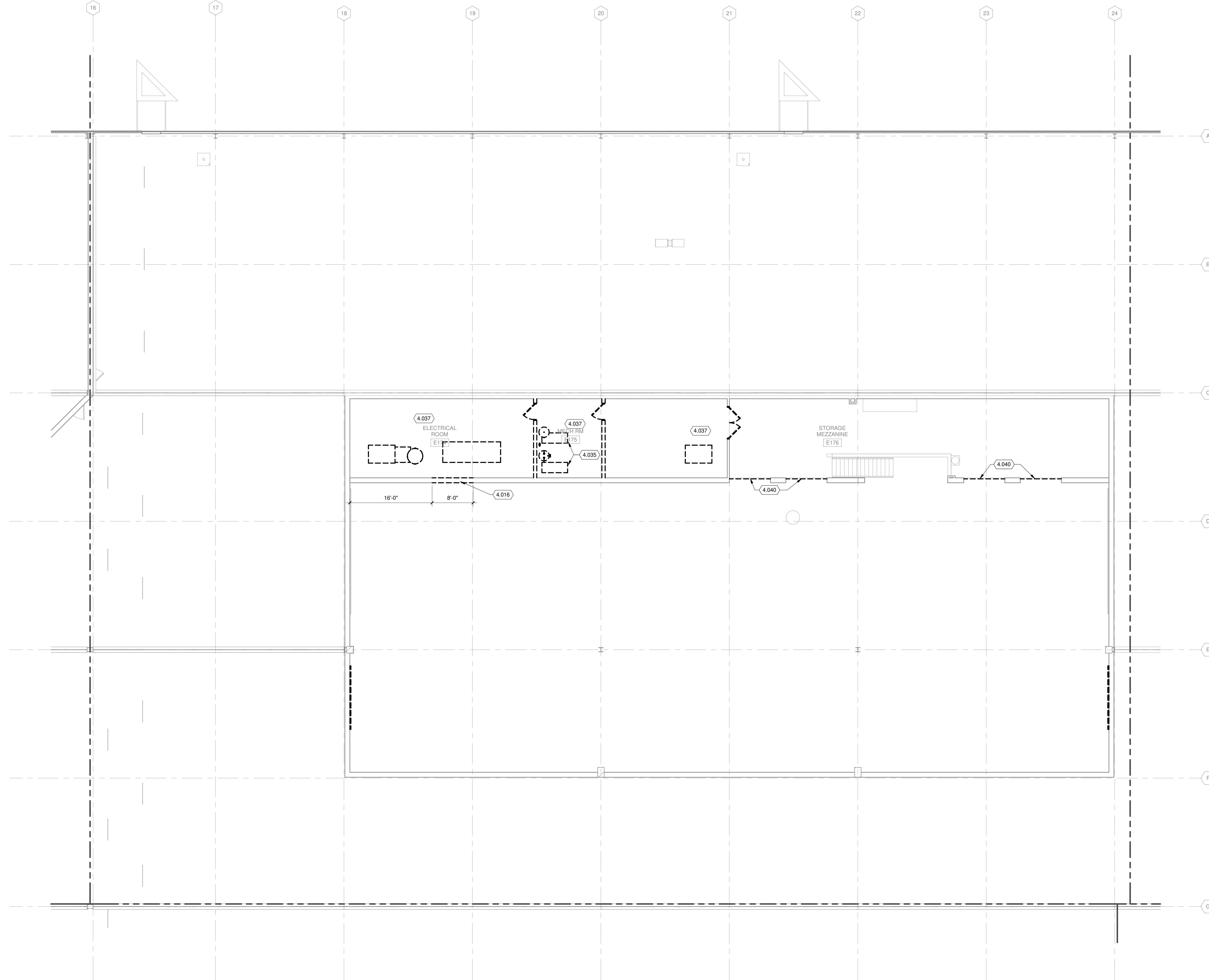
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SHEET CONTENTS
 SECOND FLOOR
 DEMOLITION PLAN - AREA B

SHEET NO.:
AD102B

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DEMOLITION PLAN GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY BUILDING AND SITE CONDITIONS AND REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH SCHEDULED DEMOLITION WORK.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING WORK AND ALL SUBCONTRACTORS FOR DEMOLITION AND REPAIR WORK.
3. IT IS THE INTENT OF THESE DRAWINGS TO INDICATE THE REMOVAL OF ITEMS WHICH INTERFERE WITH THE FINAL CONSTRUCTION AS SHOWN ON THE FLOOR PLANS, ELEVATIONS, DETAILS, AND SCHEDULES. FLOOR FINISHES, BASE, ABANDONED FURNITURE, WINDOW TREATMENTS, SHELVING, SIGNAGE, AND ROOFING MATERIALS SHALL BE DEMOLISHED IN THEIR ENTIRETY.
4. REMOVE ITEMS OF DEMOLITION WORK FROM THE PROJECT DAILY AND DISPOSE OF PROPERLY.
5. EXISTING CONCRETE AND STEEL STRUCTURE TO REMAIN, TYP. PROTECT COLUMNS, PLASTERS, BEAMS, AND SLABS.
6. EXISTING EXTERIOR WALL STRUCTURE CONSISTS OF METAL PANEL OVER METAL STUDS THAT SIT ON AN ELEVATED GRADE BEAM WITH A TOTAL HEIGHT OF +/-24'-0."
7. EXISTING INTERIOR WALLS IN THE WORK AREAS ARE TYPICALLY CMU CONSTRUCTION THAT EXTEND TO THE ROOF DECK AT 22'-3" TALL. LIMITED CMU PARTITIONS STAND AT 12'-4."
8. SECOND STORIES AND MEZZANINE CONSIST OF PRECAST PLANK - USE CAUTION WITH REMOVALS AND CORING TO PREVENT DAMAGE TO THEIR STRUCTURAL INTEGRITY. REF STRUCTURAL.
9. THE EXISTING MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING ITEMS AND/OR SYSTEMS, AND GAS, WATER AND ELECTRICAL METERS ARE GENERALLY INTENDED FOR FULL REPLACEMENT WITHIN THE WORK AREAS. FOR AREAS OUTSIDE OF THE WORK AREAS, SYSTEMS ARE TO REMAIN AND RECONNECTED TO NEW SERVICES IN THE AREAS OUTSIDE OF THE WORK AREAS. SEE SPECIFIC DISCIPLINE SHEETS FOR COORDINATION.
10. DEMOLISH CONCRETE FLOOR SLABS AS REQUIRED TO INSTALL NEW EQUIPMENT, UNDERGROUND CONDUIT, PLUMBING SYSTEMS, AND FLOOR DRAINS. REF: STRUCTURAL, EQUIPMENT, ELECTRICAL, AND PLUMBING DRAWINGS.
11. PROTECT EXISTING SURFACES TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
12. REPAIR OR REPLACE EXISTING CONSTRUCTION (WINDOWS, WALLS, DOORS, CEILING, FLOORS, ETC.) TO REMAIN WHICH ARE DAMAGED DURING CONSTRUCTION. REPLACEMENT MATERIAL SHALL MATCH IN KIND.

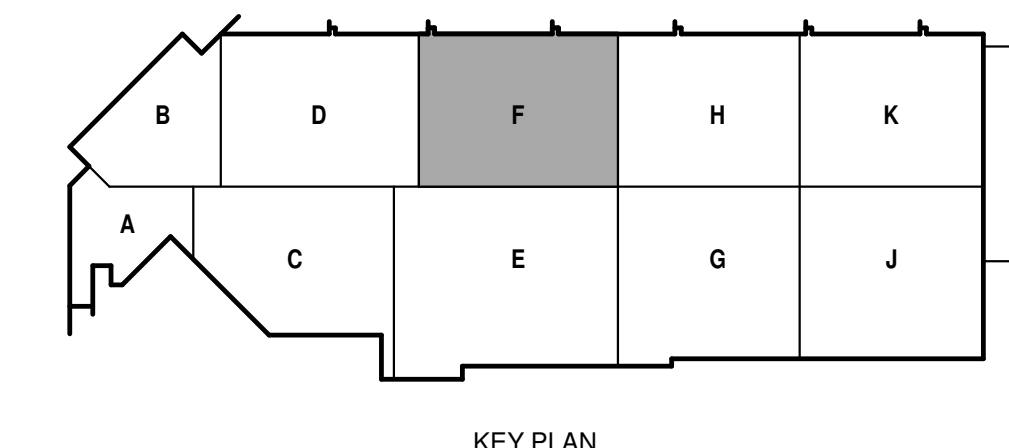
DEMOLITION LEGEND: ASBESTOS ABATEMENT

- 14. REFERENCE SHEET A-101 NOTES & SYMBOLS FOR DEMOLITION LEGEND. EXISTING CONSTRUCTION TO REMAIN
 - 15. REFERENCE SHEET G-101 PHASING PLAN FOR CONSTRUCTION PHASING / SEQUENCING AND MEP FOR CONSTRUCTION TO REMAIN
 - 16. REFERENCE SHEETS FOR EQUIPMENT COORDINATION AND EXCAVATION REQUIREMENTS
- DOOR, FRAME, AND HARDWARE TO BE DEMOLISHED COMPLETE, TYP (U.N.O.)

KEYED NOTES

- 4.016 REMOVE PORTION OF WALL FOR NEW OPENING. PROVIDE SHORING TO PREVENT DAMAGE TO ADJACENT STRUCTURE
- 4.035 REMOVE CONCRETE EQUIPMENT PADS - GRIND FOR SMOOTH FLOOR PATCH TRANSITION
- 4.037 REMOVE EQUIPMENT FOR REPLACEMENTS, TYP - REF G-101 FOR SEQUENCING AND MEP FOR SPECIFIC REQUIREMENTS.
- 4.040 REMOVE GUARD RAILS AND SLEEVES COMPLETE FOR WALL INFILL. LEAVE IN PLACE UNTIL WALL INFILL OCCURS

TRUE PLAN
NORTH NORTH
 1
1/8" = 1'-0"
SECOND FLOOR DEMOLITION PLAN - AREA F



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DATE: APRIL 8, 2021
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DRAWN BY: NJD, DJM
CHECKED BY: RCL, REK
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SHEET CONTENTS
SECOND FLOOR
DEMOLITION PLAN - AREA F

SHEET NO.:

AD102F

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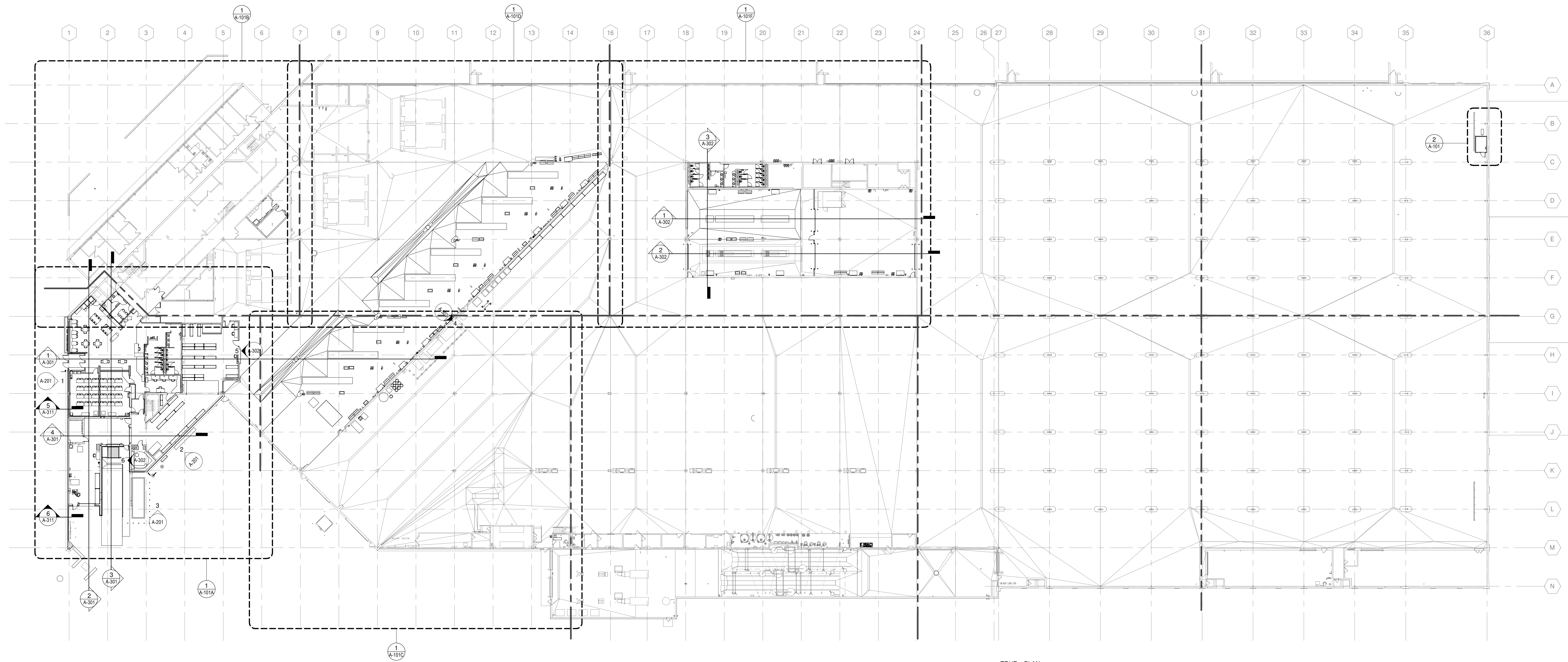
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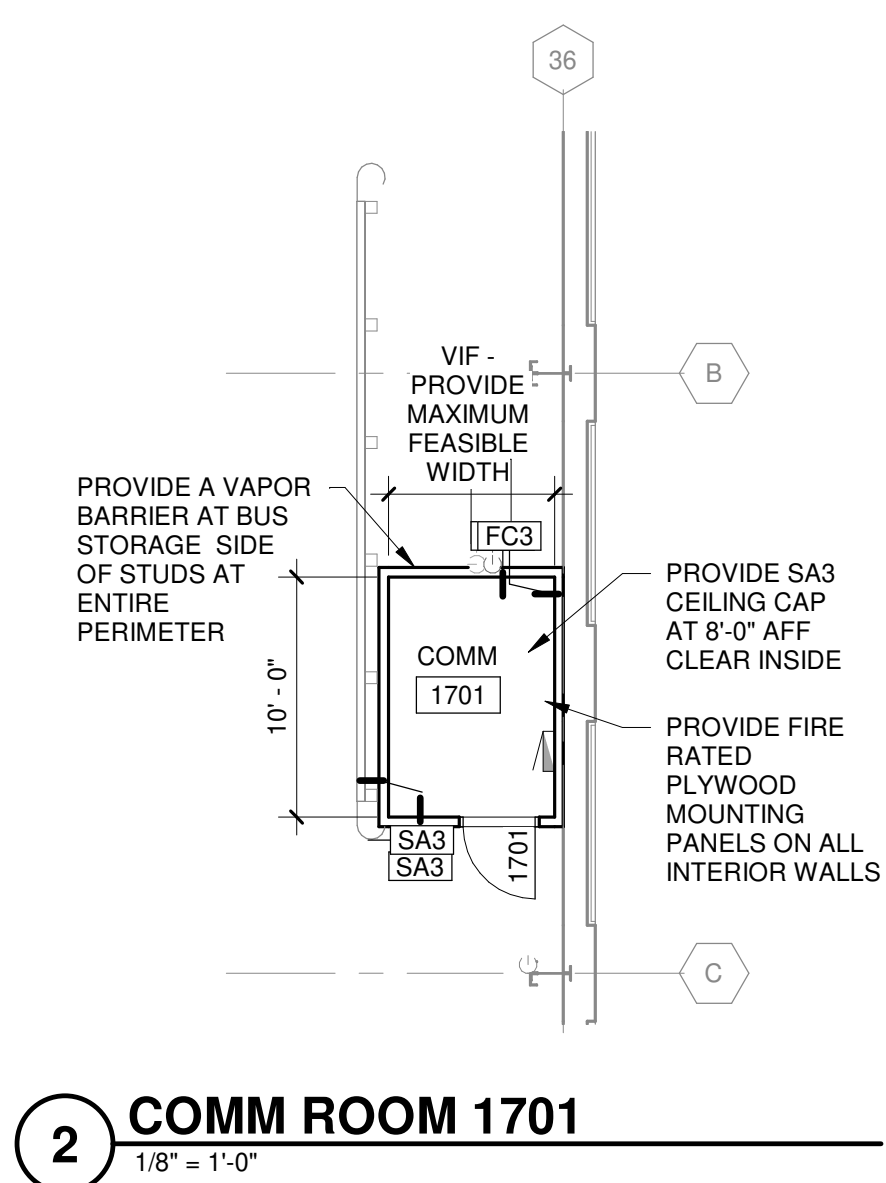
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OVERALL FIRST FLOOR PLAN

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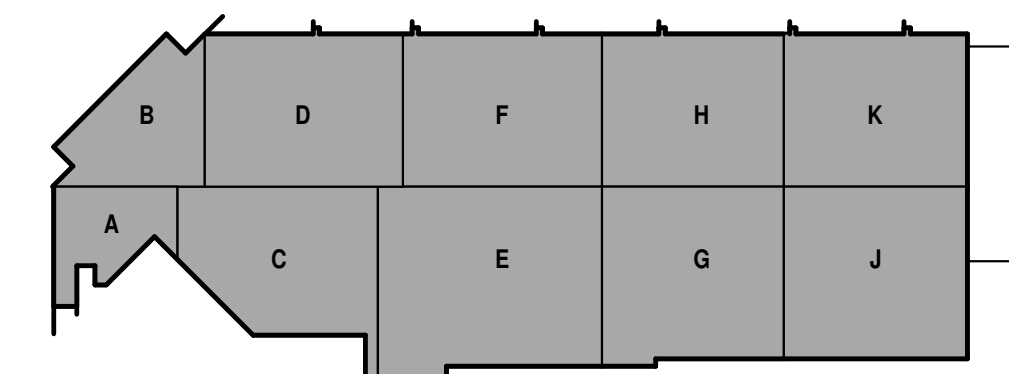
A-101



TRUE PLAN
NORTH NORTH
1 OVERALL FIRST FLOOR PLAN
1" = 30'-0"



2 COMM ROOM 1701
1/8" = 1'-0"



KEY PLAN



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SHEET CONTENTS
FIRST FLOOR PLAN - AREA A

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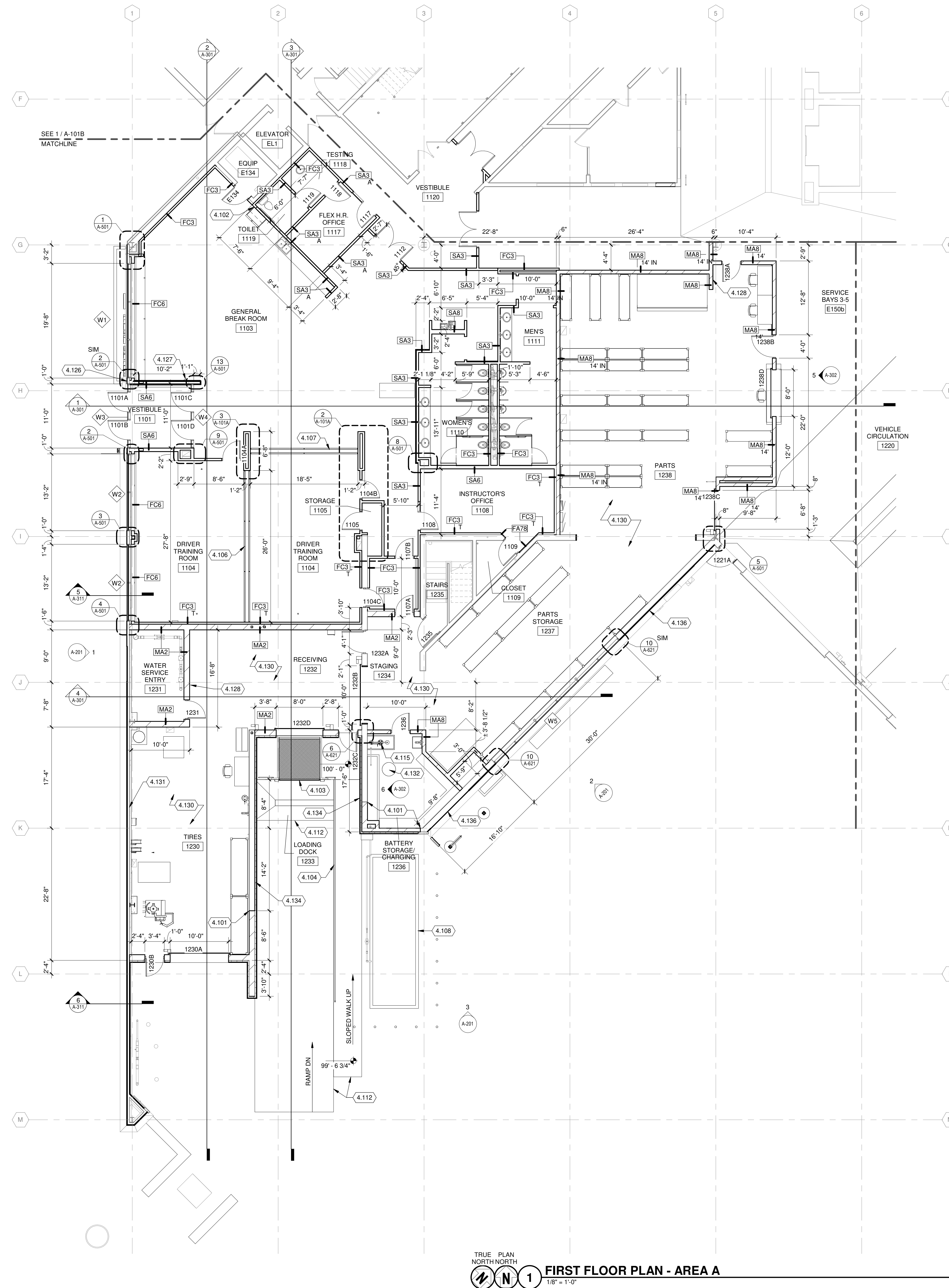
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FLOOR PLAN GENERAL NOTES:

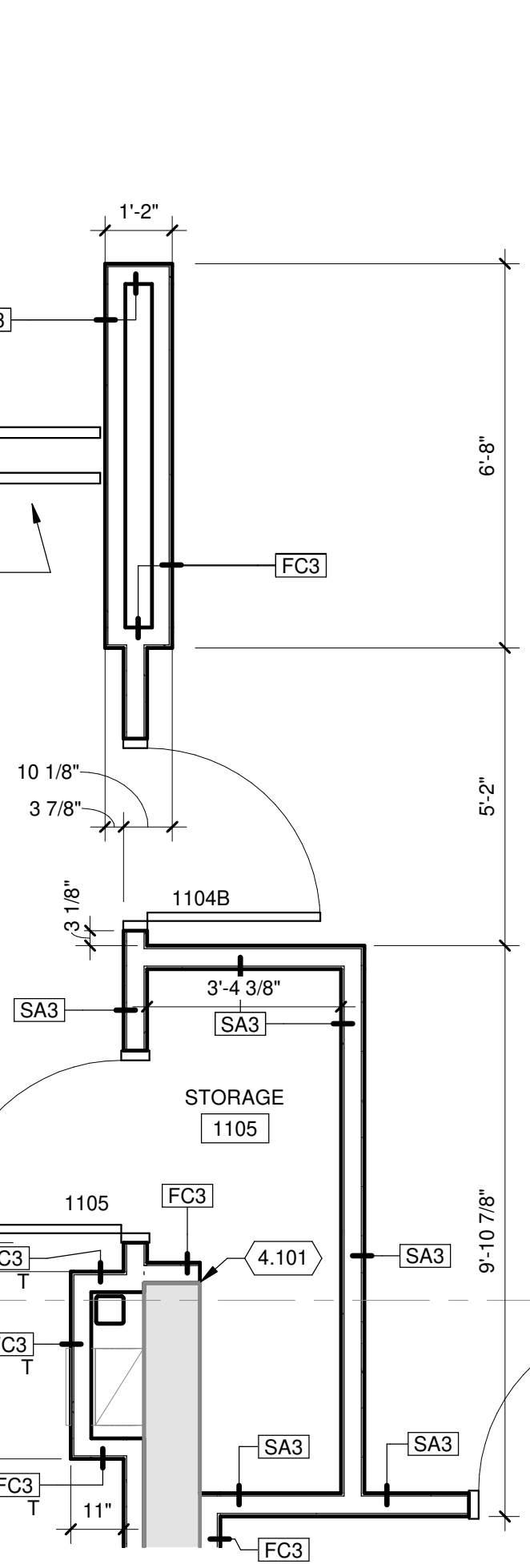
1. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON SITE PLAN = 100'-0" ON ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY DIMENSIONS, BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
3. INTERIOR DIMENSIONS ARE FROM FINISH FACE OF WALLS (I.E. GYPSUM WALLBOARD OR CMU), UNLESS NOTED OTHERWISE.
4. FINISH FLOOR ELEVATIONS ARE TO THE TOP OF CONCRETE, UNLESS NOTED OTHERWISE.
5. REFERENCE SHEET G-020 THROUGH G-030 FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1, DIV 2 REQUIREMENTS.
6. GENERAL CONTRACTOR SHALL PATCH AND REPAIR EXISTING CONSTRUCTION (WALLS, DOORS, CEILINGS, FLOORS, ETC.) AS REQUIRED FROM DEMOLITION OR CONSTRUCTION TO ALLOW FOR THE PREP WORK AND NEW OR COMPLETION OF EXISTING FINISHES. REPAIRS OR REPLACEMENTS MUST BE DURABLE, SEAMLESS, AND MATCH THE EXISTING MATERIAL.
7. GENERAL CONTRACTOR SHALL PATCH FLOOR AND WALL PENETRATIONS CAUSED BY DEMOLITION OF MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING, INCLUDING BUT NOT LIMITED TO PIPING AND CONDUIT RUNS, IN A MANNER THAT IS CONSISTENT WITH THE EXISTING FLOOR AND WALL CONSTRUCTION AND FINISH. PENETRATIONS SHALL MEET REQUIRED FIRE RATINGS.
8. COORDINATE THE INSTALLATION OF OWNER-SUPPLIED EQUIPMENT. REFERENCE PLANS, SPECS, AND INTERIOR ELEVATIONS FOR SPECIFIC EQUIPMENT AND ITS INSTALLATION REQUIREMENTS.
9. GENERAL CONTRACTOR SHALL PROVIDE BLOCKING, STIFFENERS, BRACINGS, BACKING PLATES, SUPPORTING BRACKETS, AND NECESSARY SELECTIVE DEMOLITION REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT.
10. EXISTING AND INFILL CONCRETE SUB-FLOOR SHALL BE MADE LEVEL, PLUMB AND IN SOUND CONDITION AS REQUIRED FOR THE INSTALLATION OF FINAL FLOOR FINISHES. TYPICAL. PROVIDE ARDEX OR EQUAL LEVELING CONCRETE TO PROVIDE A SMOOTH WALKABLE AREA.
11. RECESSED CABINETS, PANELS, BOXES, ETC. LOCATED IN FIRE RATED PARTITIONS SHALL BE INSTALLED IN A MANNER WHICH MAINTAINS THE FIRE RATED CONSTRUCTION.
12. SEE ENLARGED PLANS FOR NOTES, DIMENSIONS, AND WALL TYPES WITHIN THE DETAIL CALLOUT BOUNDARIES.
13. REFERENCE SHEET A-002 FOR INTERIOR PARTITION TYPES. INTERIOR PARTITION TAGS NOTED ENCOMPASS THE ENTIRE LENGTH OF WALL SHOWN TO CORNERS OF ROOM, OVER AND AROUND DOORWAYS SHOWN.
14. REFERENCE SHEET I-100'S FOR FURNITURE LAYOUTS AND COORDINATION REQUIREMENTS.
15. REFERENCE SHEET G-100'S FOR EQUIPMENT LAYOUTS AND COORDINATION REQUIREMENTS.
16. REFERENCE G-101 FOR CONSTRUCTION STAGING AND SEQUENCING PHASING REQUIREMENTS.

KEYED NOTES

- 4.101 ALIGN FACE OF WALL WITH EXISTING
- 4.102 ALIGN STUD FACE WITH FACE OF EXISTING CMU WALL
- 4.103 PROVIDE DOCK LEVELER
- 4.104 PROVIDE GUARDRAIL AT LOADING DOCK AREA - SEE DETAIL 16/A-501
- 4.106 VERTICAL LIFT MOVABLE PARTITION - 26'-0"W X 11'-6"H
- 4.107 VERTICAL LIFT MOVABLE PARTITION - 18'-5"W X 11'-6"H
- 4.108 ELECTRICAL GENERATOR AND PAD - SEE ELECTRICAL
- 4.112 SLOPED LOADING DOCK AREA PAVEMENT, TRENCH DRAIN AND SIDEWALK - SEE STRUCTURAL
- 4.115 EYE AND SHOWER WASH, SEE PLUMBING DRAWINGS
- 4.126 PROVIDE FIRE DEPARTMENT ACCESS KNOX BOX
- 4.127 PROVIDE FIRE EXTINGUISHER AND RECESSED FE CABINET
- 4.128 PROVIDE FIRE EXTINGUISHER
- 4.130 PROVIDE MAINTENANCE PAINT PREPARATION WITH HIGH PRESSURE CRYOGENIC LIQUID-NITROGEN JET CLEANING FOR REMOVAL OF EXHAUST SOOT AT EXISTING WALLS, CEILINGS, AND COMPONENTS THAT ARE LEFT EXPOSED OR REQUIRING PAINT.
- 4.131 REINSTALL SALVAGED INTERIOR METAL WALL PANELS
- 4.132 CONTAINMENT PIT CAP - REF STRUCTURAL
- 4.134 PROVIDE METAL WALL PANEL (MWP2) ON 3" Z FURRING WITH 2" RIGID INSULATION AND 1" AIR SPACE, AND A FLUID APPLIED MEMBRANE AIR BARRIER OVER EXISTING CMU
- 4.136 PROVIDE METAL WALL PANEL (MWP1) AS NOTED ON 9/16" HAT CHANNEL ATTACHED TO EXISTING CMU WALL



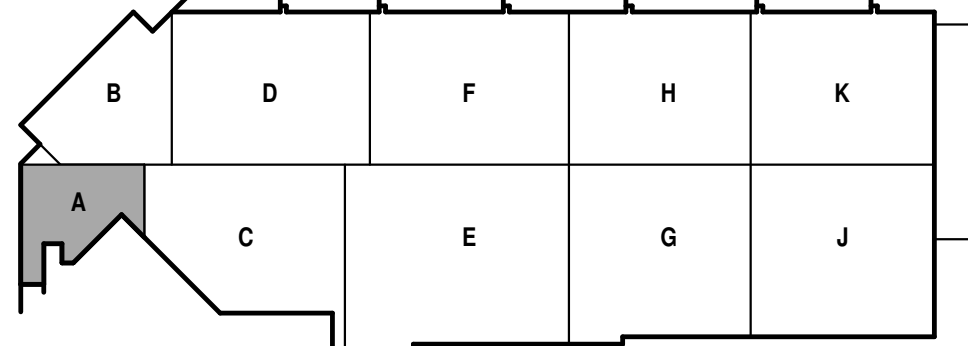
ENLARGED PLAN DETAIL
3/8" = 1'-0"



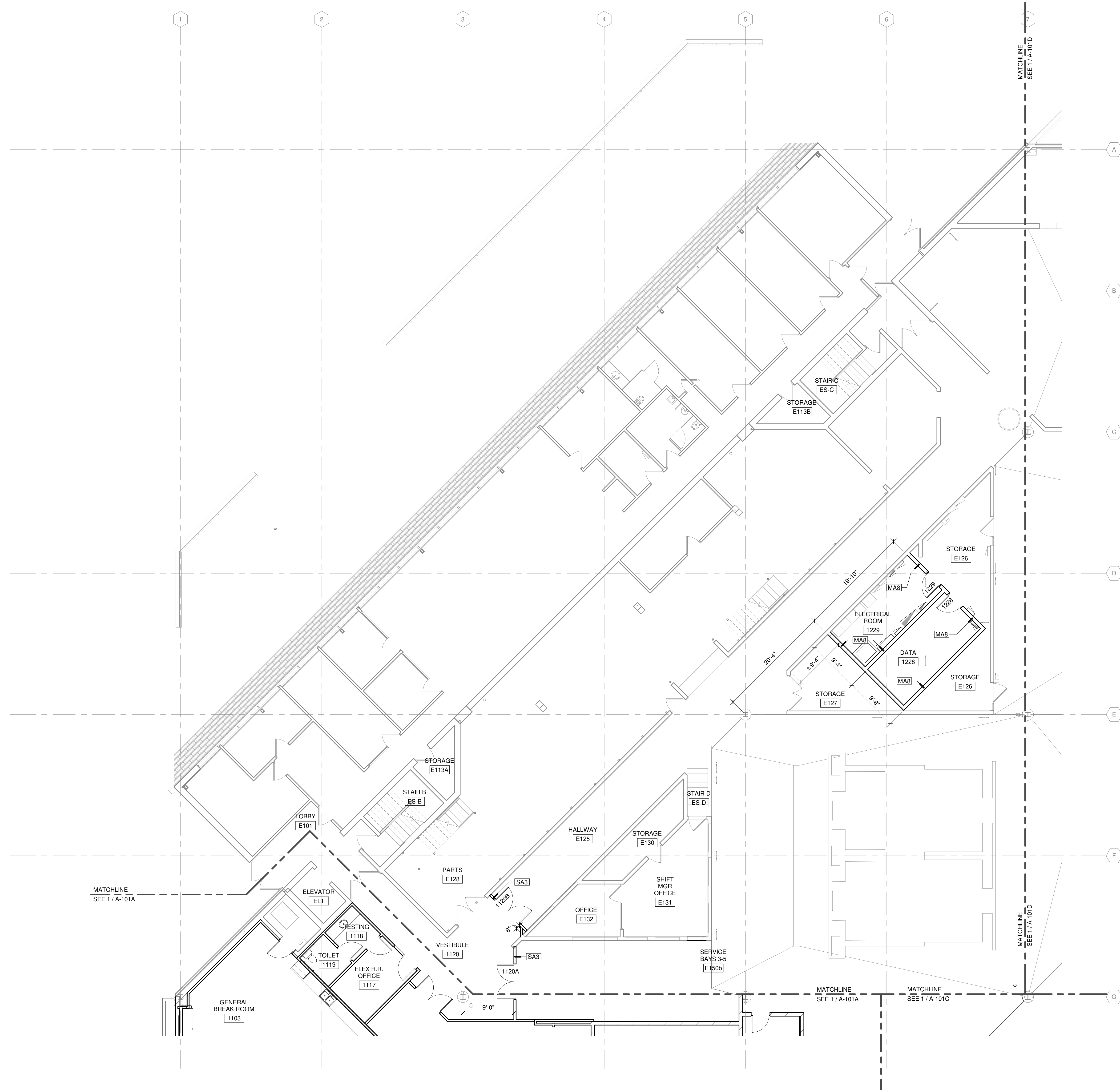
ENLARGED PLAN DETAIL AT STORAGE 1105
3/8" = 1'-0"



FIRST FLOOR PLAN - AREA A
1/8" = 1'-0"



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FLOOR PLAN GENERAL NOTES:

1. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON SITE PLAN = 100'-0" ON ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY DIMENSIONS, BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
3. INTERIOR DIMENSIONS ARE FROM FINISH FACE OF WALLS (I.E. GYPSUM WALLBOARD OR CMU), UNLESS NOTED OTHERWISE.
4. FINISH FLOOR ELEVATIONS ARE TO THE TOP OF CONCRETE, UNLESS NOTED OTHERWISE.
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16. REFERENCE G-101 FOR CONSTRUCTION STAGING AND SEQUENCING PHASING REQUIREMENTS.

KEYED NOTES

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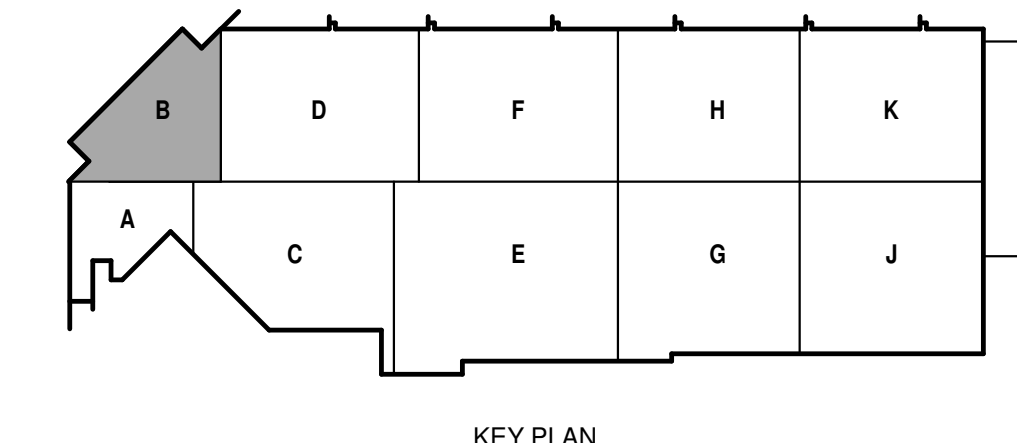
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SHEET CONTENTS
FIRST FLOOR PLAN -
AREA B

SHEET NO.:

A-101B

TRUE PLAN
NORTH NORTH
1
FIRST FLOOR PLAN - AREA B
1/8" = 1'-0"



KEY PLAN



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SHEET CONTENTS
FIRST FLOOR PLAN -
AREA C

SHEET NO.:

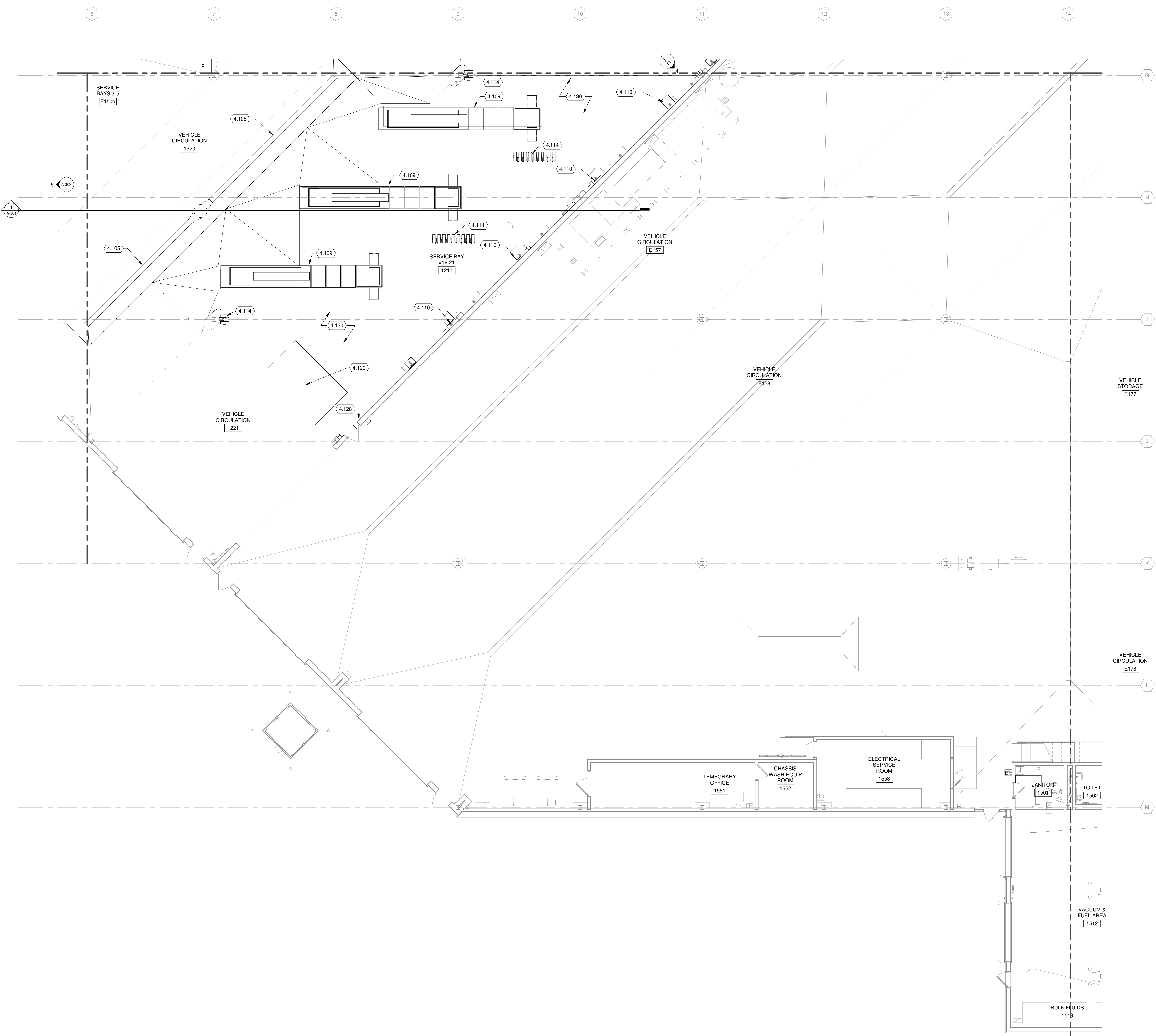
A-101C

FLOOR PLAN GENERAL NOTES:

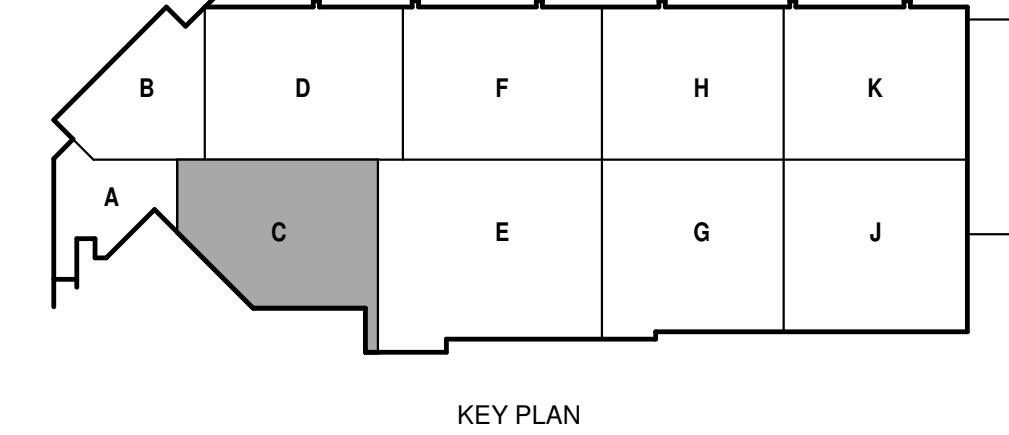
1. SITE DATUM OF FINISHED FIRST FLOOR INDICATED ON SITE PLAN = 100'-0" ON ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY DIMENSIONS, BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
3. INTERIOR DIMENSIONS ARE FROM FINISH FACE OF WALLS (I.E. GYPSUM WALLBOARD OR CMU), UNLESS NOTED OTHERWISE.
4. FINISH FLOOR ELEVATIONS ARE TO THE TOP OF CONCRETE, UNLESS NOTED OTHERWISE.
5. REFERENCE SHEET G-020 THROUGH G-030 FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1, DIV 2 REQUIREMENTS.
6. GENERAL CONTRACTOR SHALL PATCH AND REPAIR EXISTING CONSTRUCTION (WALLS, DOORS, CEILING, FLOORS, ETC.) AS REQUIRED FROM DEMOLITION OR CONSTRUCTION TO ALLOW FOR THE PREP WORK AND NEW OR COMPLETION OF EXISTING FINISHES. REPAIRS OR REPLACEMENTS MUST BE DURABLE, SEAMLESS, AND MATCH THE EXISTING MATERIAL.
7. GENERAL CONTRACTOR SHALL PATCH FLOOR AND WALL PENETRATIONS CAUSED BY DEMOLITION OF MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING, INCLUDING BUT NOT LIMITED TO PIPING AND CONDUIT RUNS, IN A MANNER THAT IS CONSISTENT WITH THE EXISTING FLOOR AND WALL CONSTRUCTION AND FINISH. PENETRATIONS SHALL MEET REQUIRED FIRE RATINGS.
8. COORDINATE THE INSTALLATION OF OWNER-SUPPLIED EQUIPMENT. REFERENCE PLANS, SPECS, AND INTERIOR ELEVATIONS FOR SPECIFIC EQUIPMENT AND ITS INSTALLATION REQUIREMENTS.
9. GENERAL CONTRACTOR SHALL PROVIDE BLOCKING, STIFFENERS, BRACINGS, BACKING PLATES, SUPPORTING BRACKETS, AND NECESSARY SELECTIVE DEMOLITION REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT.
10. EXISTING AND INFILL CONCRETE SUB FLOOR SHALL BE MADE LEVEL, PLUMB AND IN SOUND CONDITION AS REQUIRED FOR THE INSTALLATION OF FINAL FLOOR FINISHES, TYPICAL. PROVIDE ARDEX OR EQUAL LEVELING CONCRETE TO PROVIDE A SMOOTH WALKABLE AREA.
11. RECESSED CABINETS, PANELS, BOXES, ETC. LOCATED IN FIRE-RATED PARTITIONS SHALL BE INSTALLED IN A MANNER WHICH MAINTAINS THE FIRE RATED CONSTRUCTION.
12. SEE ENLARGED PLANS FOR NOTES, DIMENSIONS, AND WALL TYPES WITHIN THE DETAIL CALLOUT BOUNDARIES.
13. REFERENCE SHEET A-002 FOR INTERIOR PARTITION TYPES. INTERIOR PARTITION TAGS NOTED ENCOMPASS THE ENTIRE LENGTH OF WALL SHOWN TO CORNERS OF ROOM, OVER AND AROUND DOORWAYS SHOWN.
14. REFERENCE SHEET H-100'S FOR FURNITURE LAYOUTS AND COORDINATION REQUIREMENTS.
15. REFERENCE SHEET G-100'S FOR EQUIPMENT LAYOUTS AND COORDINATION REQUIREMENTS.
16. REFERENCE SHEET G-101 FOR CONSTRUCTION STAGING AND SEQUENCING PHASING REQUIREMENTS.

KEYED NOTES

- 4.105 TRENCH DRAIN - SEE STRUCTURAL AND PLUMBING
- 4.109 VEHICLE LIFT (SEE EQUIPMENT) SET IN CONCRETE PIT (SEE STRUCTURAL)
- 4.110 VEHICLE LIFT CONTROL STATION - SEE EQUIPMENT DRAWINGS
- 4.114 HOSE REELS W/ MOUNTING BRACKET (SEE EQUIPMENT & PLUMBING) ON MOUNTING FRAME ABOVE (SEE STRUCTURAL)
- 4.120 NEW EQUIPMENT PAD, SEE STRUCTURAL DRAWINGS
- 4.128 PROVIDE FIRE EXTINGUISHER
- 4.130 PROVIDE MAINTENANCE PAINT PREPARATION WITH HIGH PRESSURE CRYOGENIC LIQUID-NITROGEN JET CLEANING FOR REMOVAL OF EXHAUST SOOT AT EXISTING WALLS, CEILING, AND COMPONENTS THAT ARE LEFT EXPOSED OR REQUIRING PAINT.



TRUE PLAN
NORTH NORTH
1
FIRST FLOOR PLAN - AREA C
1/8" = 1'-0"



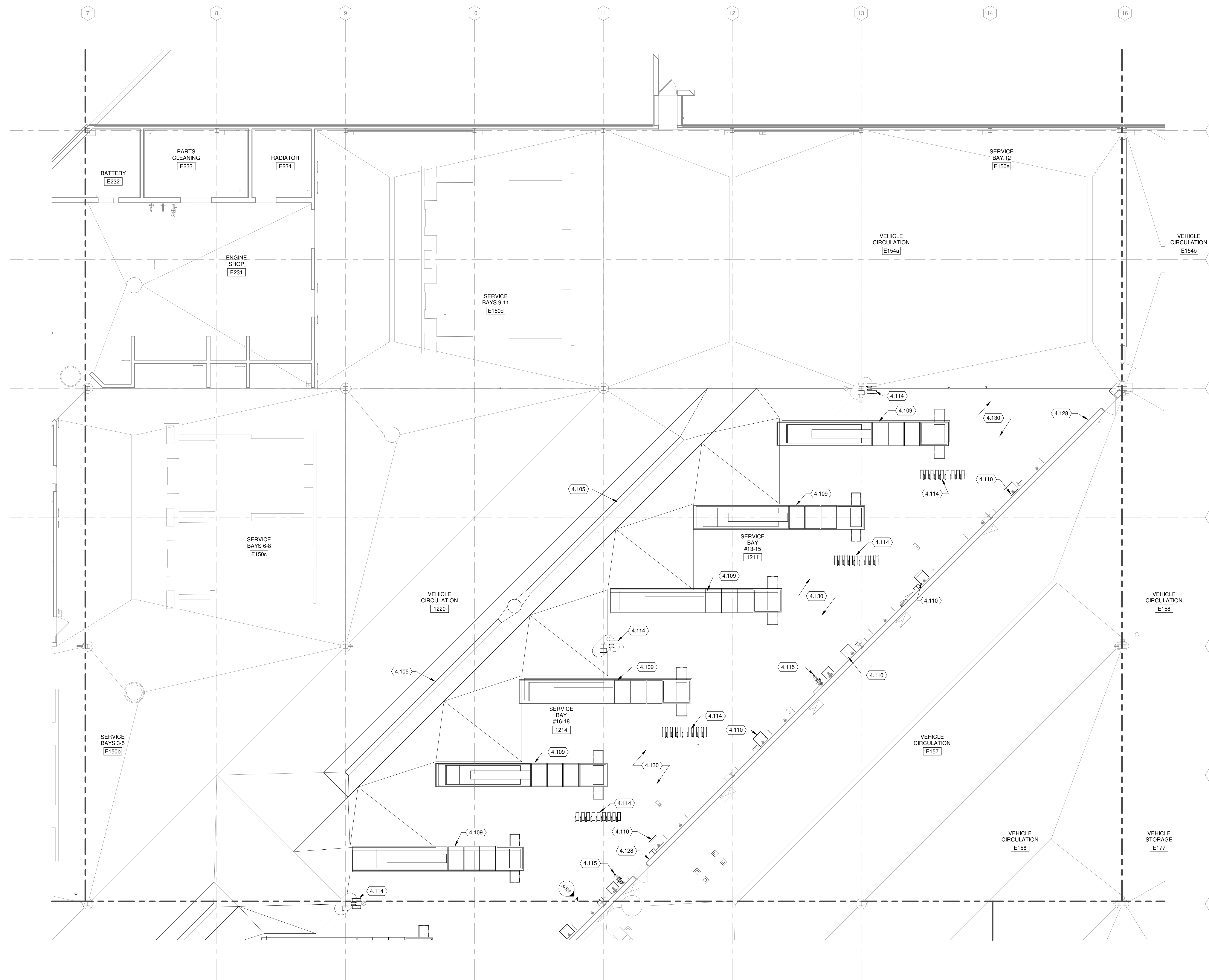


FLOOR PLAN GENERAL NOTES:

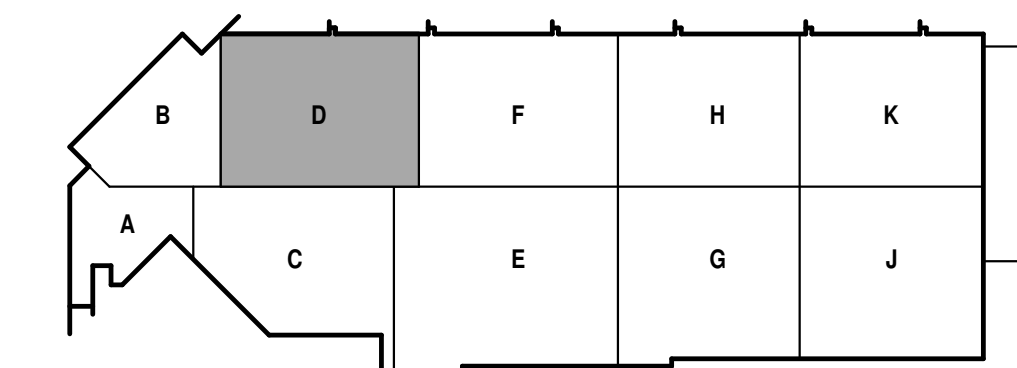
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3. INTERIOR DIMENSIONS ARE FROM FINISH FACE OF WALLS (I.E. GYPSUM WALLBOARD OR CMU), UNLESS NOTED OTHERWISE.
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15. REFERENCE SHEET G-100'S FOR EQUIPMENT LAYOUTS AND COORDINATION REQUIREMENTS.
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KEYED NOTES

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- 4.109 VEHICLE LIFT (SEE EQUIPMENT) SET IN CONCRETE PIT (SEE STRUCTURAL)
- 4.110 VEHICLE LIFT CONTROL STATION - SEE EQUIPMENT DRAWINGS
- 4.114 HOSE REELS W/ MOUNTING BRACKET (SEE EQUIPMENT & PLUMBING) ON MOUNTING FRAME ABOVE (SEE STRUCTURAL)
- 4.115 EYE AND SHOWER WASH. SEE PLUMBING DRAWINGS
- 4.128 PROVIDE FIRE EXTINGUISHER
- 4.130 PROVIDE MAINTENANCE PAINT PREPARATION WITH HIGH PRESSURE CRYOGENIC LIQUID-NITROGEN JET CLEANING FOR REMOVAL OF EXHAUST SOOT AT EXISTING WALLS, CEILING, AND COMPONENTS THAT ARE LEFT EXPOSED OR REQUIRING PAINT.



TRUE PLAN
NORTH NORTH
1 **FIRST FLOOR PLAN - AREA D**
1/8" = 1'-0"





FLOOR PLAN GENERAL NOTES:

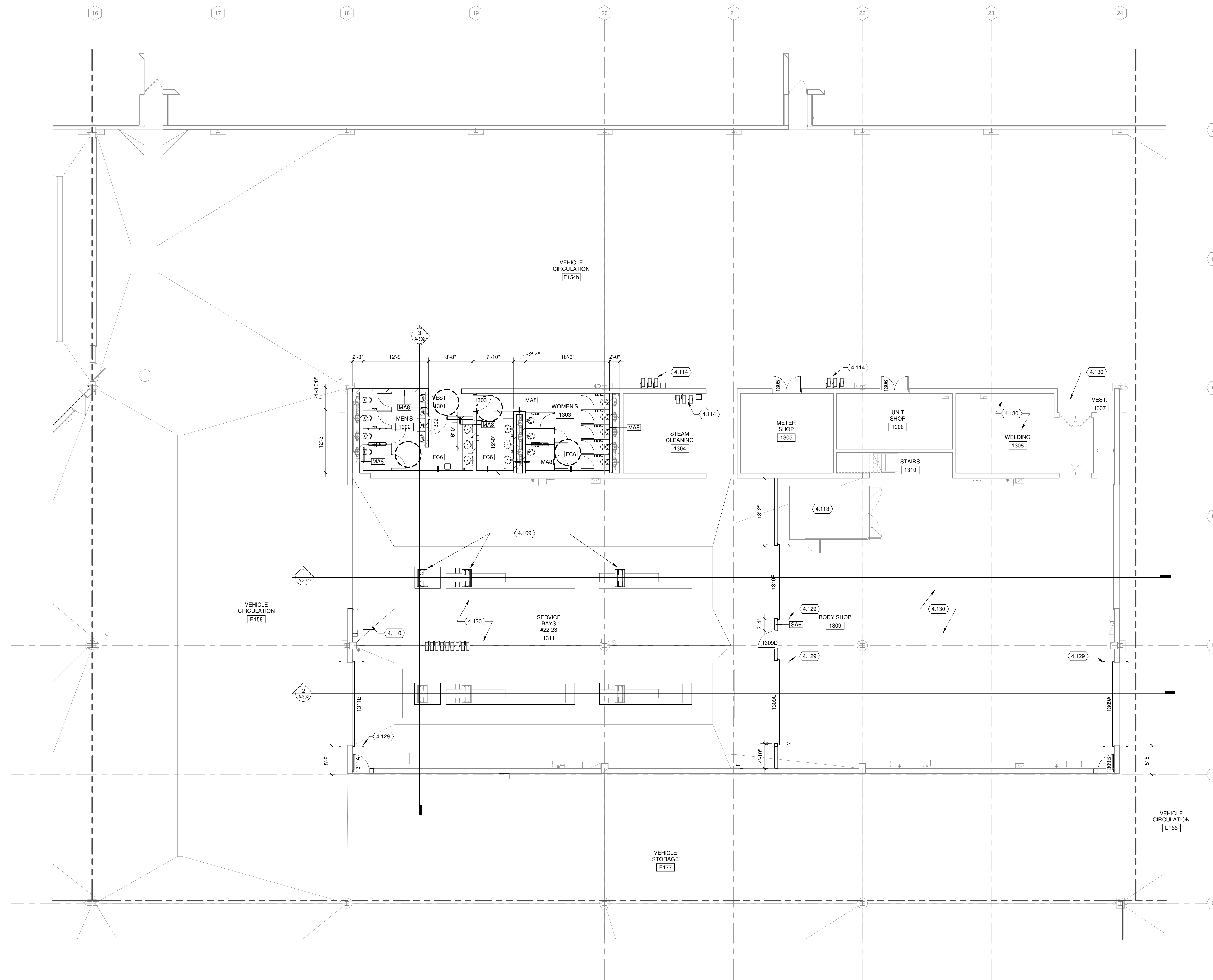
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KEYED NOTES

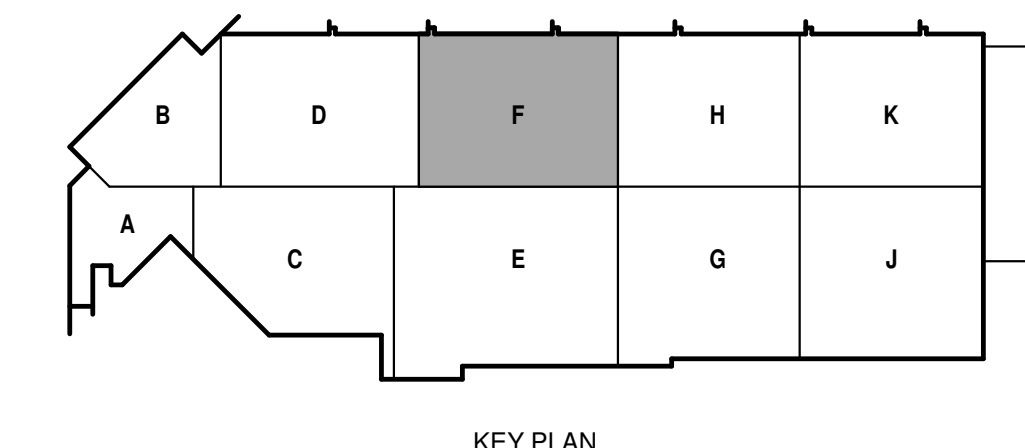
- VEHICLE LIFT (SEE EQUIPMENT) SET IN CONCRETE PIT (SEE STRUCTURAL)
- VEHICLE LIFT CONTROL STATION - SEE EQUIPMENT DRAWINGS
- EXISTING PAINT BOOTH TO REMAIN
- HOSE REELS W/ MOUNTING BRACKET (SEE EQUIPMENT & PLUMBING) ON MOUNTING FRAME ABOVE (SEE STRUCTURAL)
- PIPE BOLLARD, SEE STRUCTURAL.
- PROVIDE MAINTENANCE PAINT PREPARATION WITH HIGH PRESSURE CRYOGENIC LIQUID-NITROGEN JET CLEANING FOR REMOVAL OF EXHAUST SMOOT AT EXISTING WALLS, CEILINGS, AND COMPONENTS THAT ARE LEFT EXPOSED OR REQUIRING PAINT.

ALL WORK THIS SHEET ALTERNATE BID ITEM #1

ALTERNATE NO. 1. SEE SPECIFICATION 012300 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.



TRUE PLAN
NORTH NORTH
1
FIRST FLOOR PLAN - AREA F
1/8" = 1'-0"



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**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

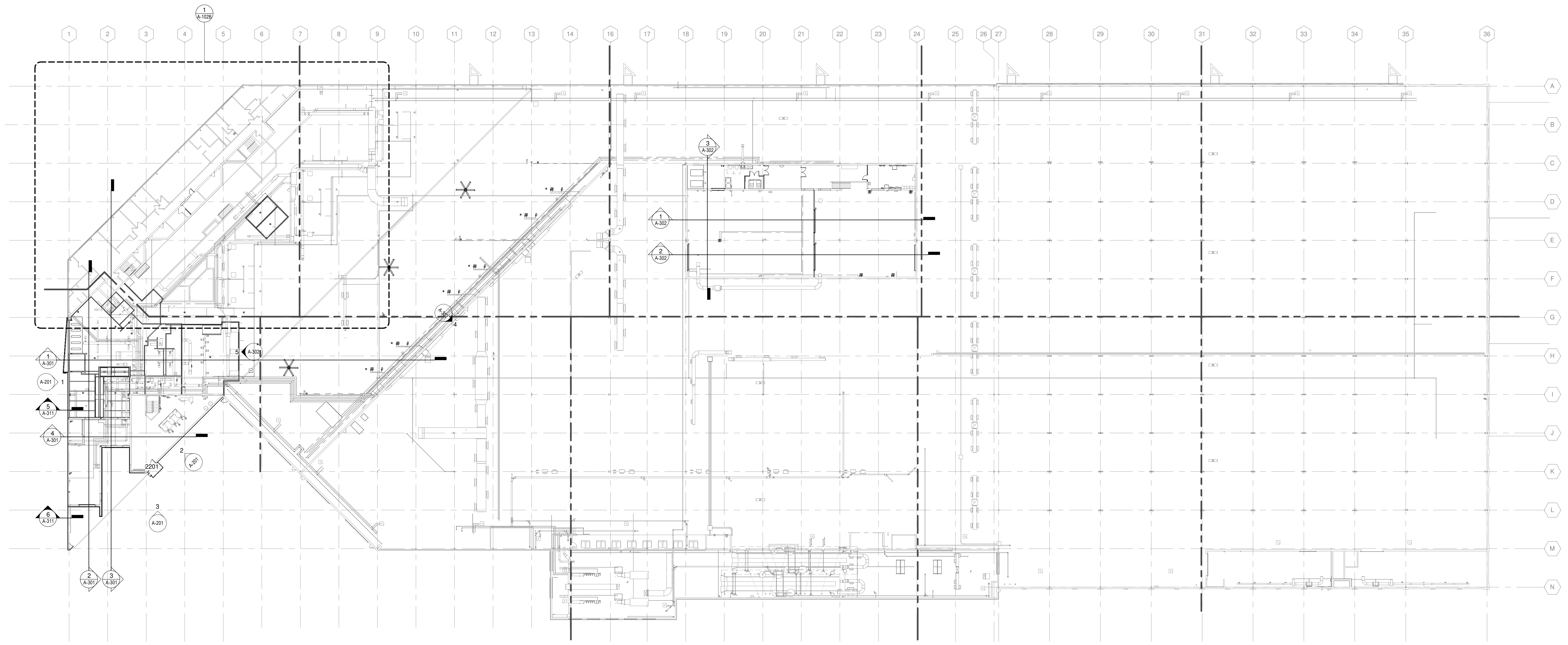
ISSUED
04/08/21 BID SET

CONTRACT NO.: 8981
MMW NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: SZK
DRAWN BY: NJD, DJM
CHECKED BY: RCL, REK
DO NOT SCALE DRAWINGS

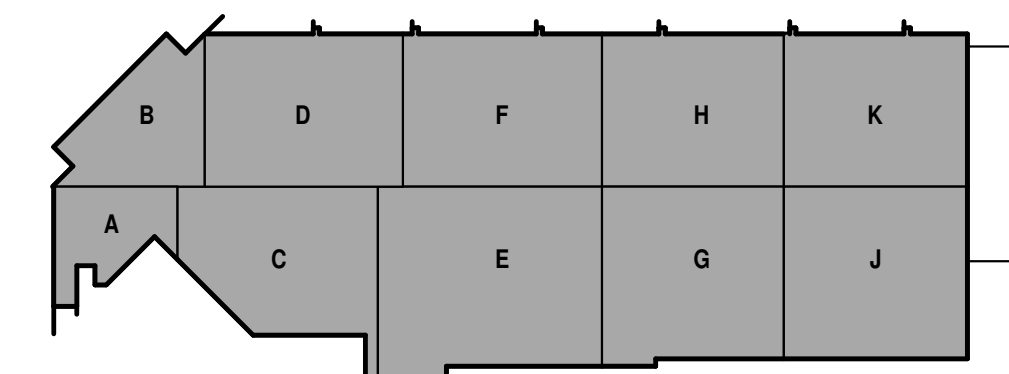
SHEET CONTENTS
OVERALL SECOND
FLOOR PLAN

SHEET NO.:

A-102



1 OVERALL SECOND FLOOR PLAN
1" = 30'-0"



KEY PLAN



**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

ISSUED
04/08/21 BID SET

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M&H NO.: 4503500-190896.03
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DESIGNED BY: SZK
DRAWN BY: NJD, DJM
CHECKED BY: RCL, REK
DO NOT SCALE DRAWINGS

SHEET CONTENTS
SECOND FLOOR
PLAN- AREA A

SHEET NO.:

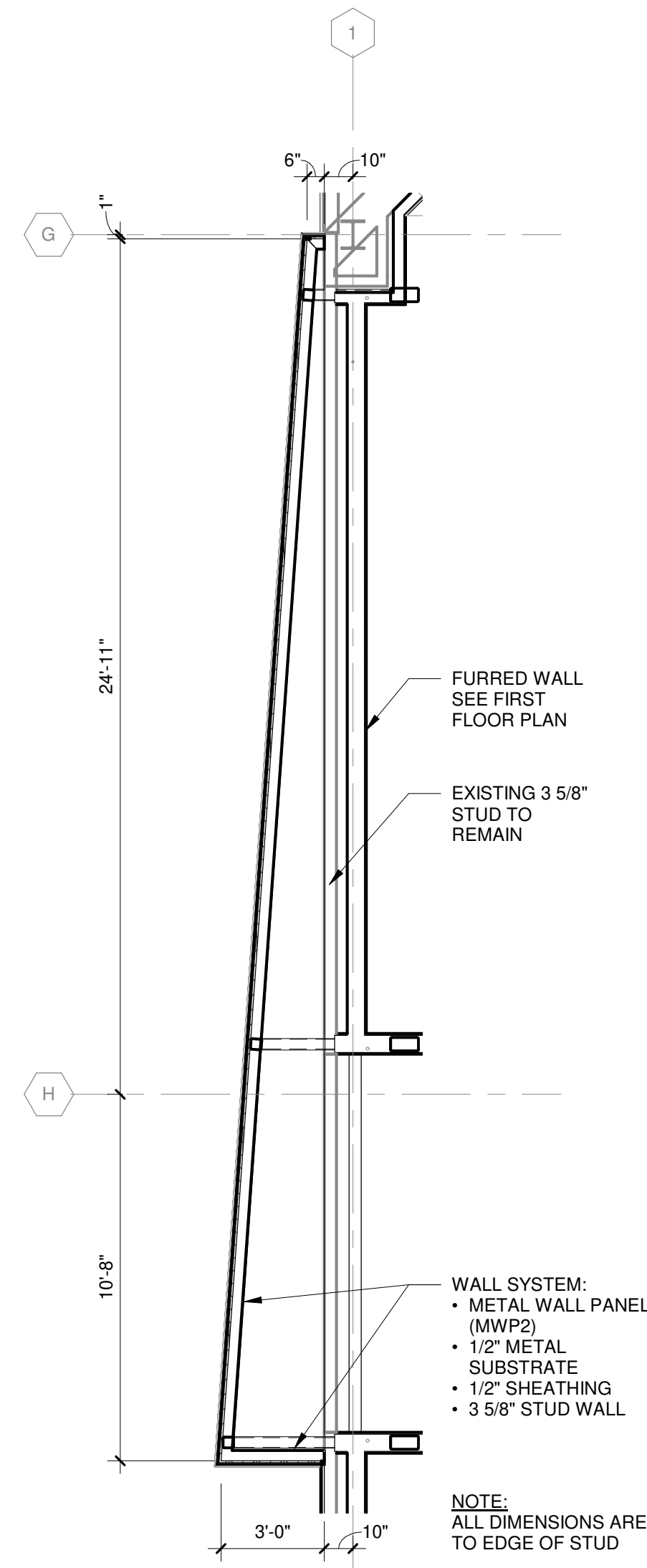
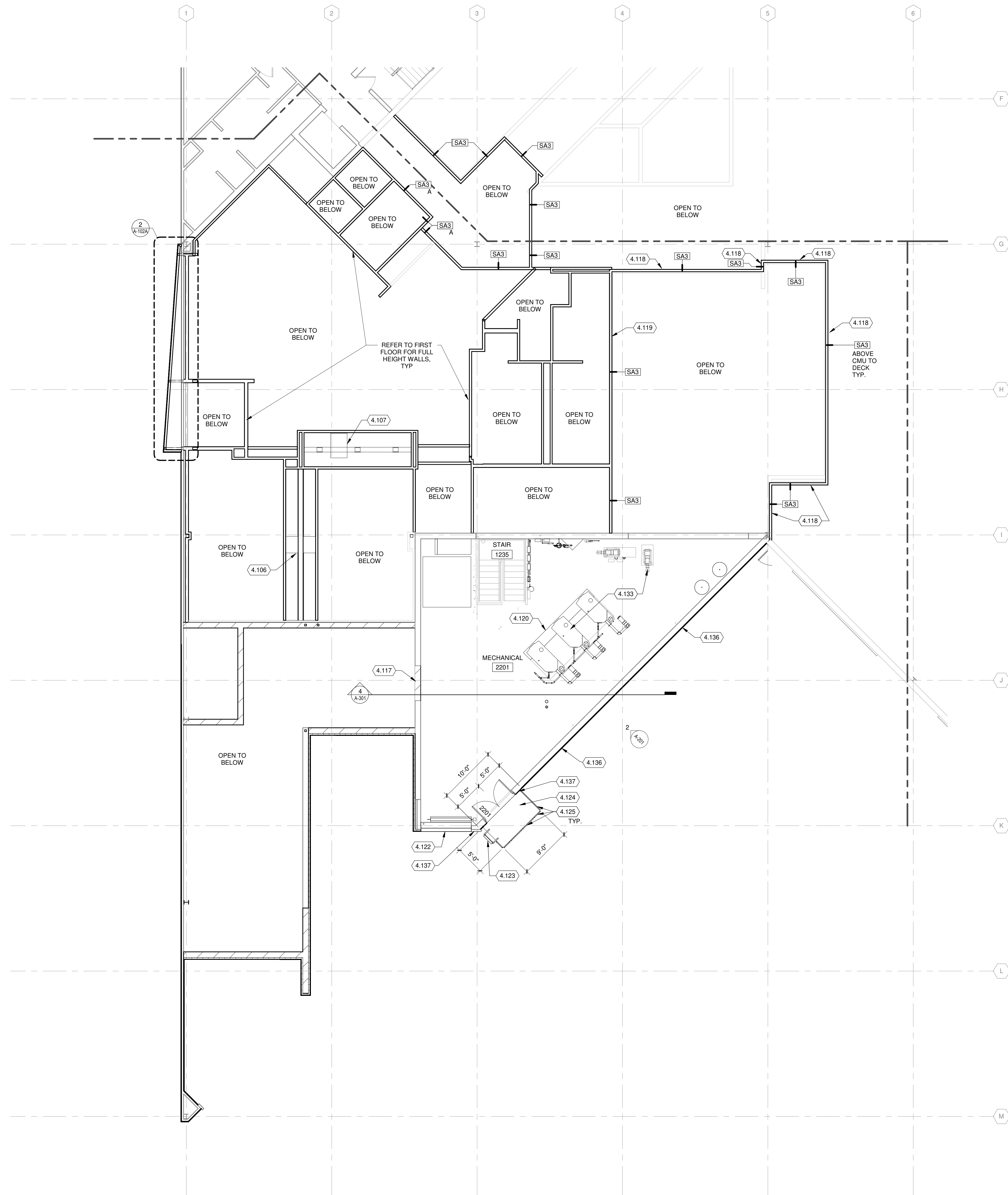
A-102A

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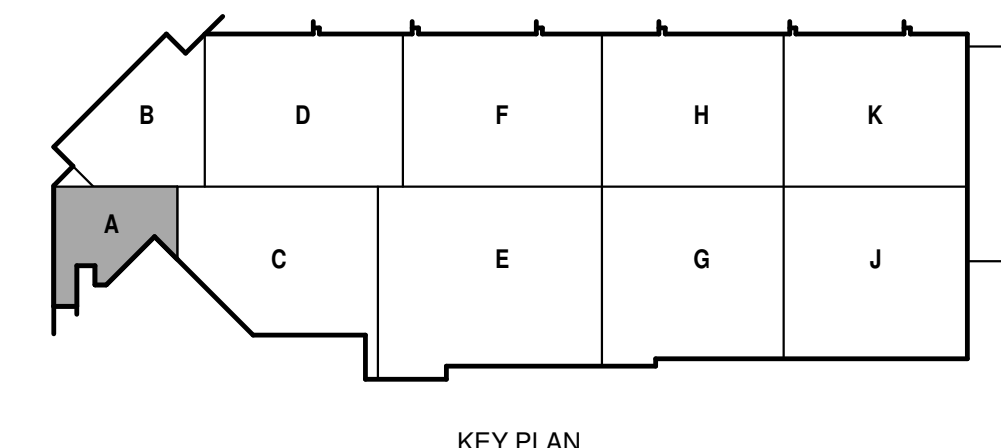
KEYED NOTES

- VERTICAL LIFT MOVABLE PARTITION - 26'-0"W X 11'-6"H
- VERTICAL LIFT MOVABLE PARTITION - 18'-5"W X 11'-6"H
- INFILL WALL OPENING TO MATCH ADJACENT FACES AND PAINT BOTH SIDES
- ALIGN FINISH FACES OF STUD WALL ON CMU WALL BELOW, ON THE SIDE KEYNOTE IS ON
- CENTER STUD WALL ON CMU WALL BELOW
- NEW EQUIPMENT PAD, SEE STRUCTURAL DRAWINGS
- PROVIDE MECHANICAL LOUVER IN EXISTING OPENING. SEE MECHANICAL DRAWINGS
- EGRESS LADDER WITH LADDER GUARD. PROVIDE LOCKING MECHANISM AT THE TOP PLATFORM
- PROVIDE STEEL GRATING PLATFORM WITH REMOVABLE RAILINGS
- REMOVABLE RAILING, SEE DETAIL 14 & 17/A-501
- MEP EQUIPMENT, TYP
- PROVIDE METAL WALL PANEL (MWP1) AS NOTED ON 9/16" HAT CHANNEL ATTACHED TO EXISTING CMU WALL
- PROVIDE METAL WALL PANEL (MWP2) AS NOTED ON 9/16" HAT CHANNEL ATTACHED TO EXISTING CMU WALL



TRUE PLAN NORTH NORTH
2
1/4" = 1'-0"

TRUE PLAN NORTH NORTH
1
1/8" = 1'-0"
SECOND FLOOR PLAN - AREA A



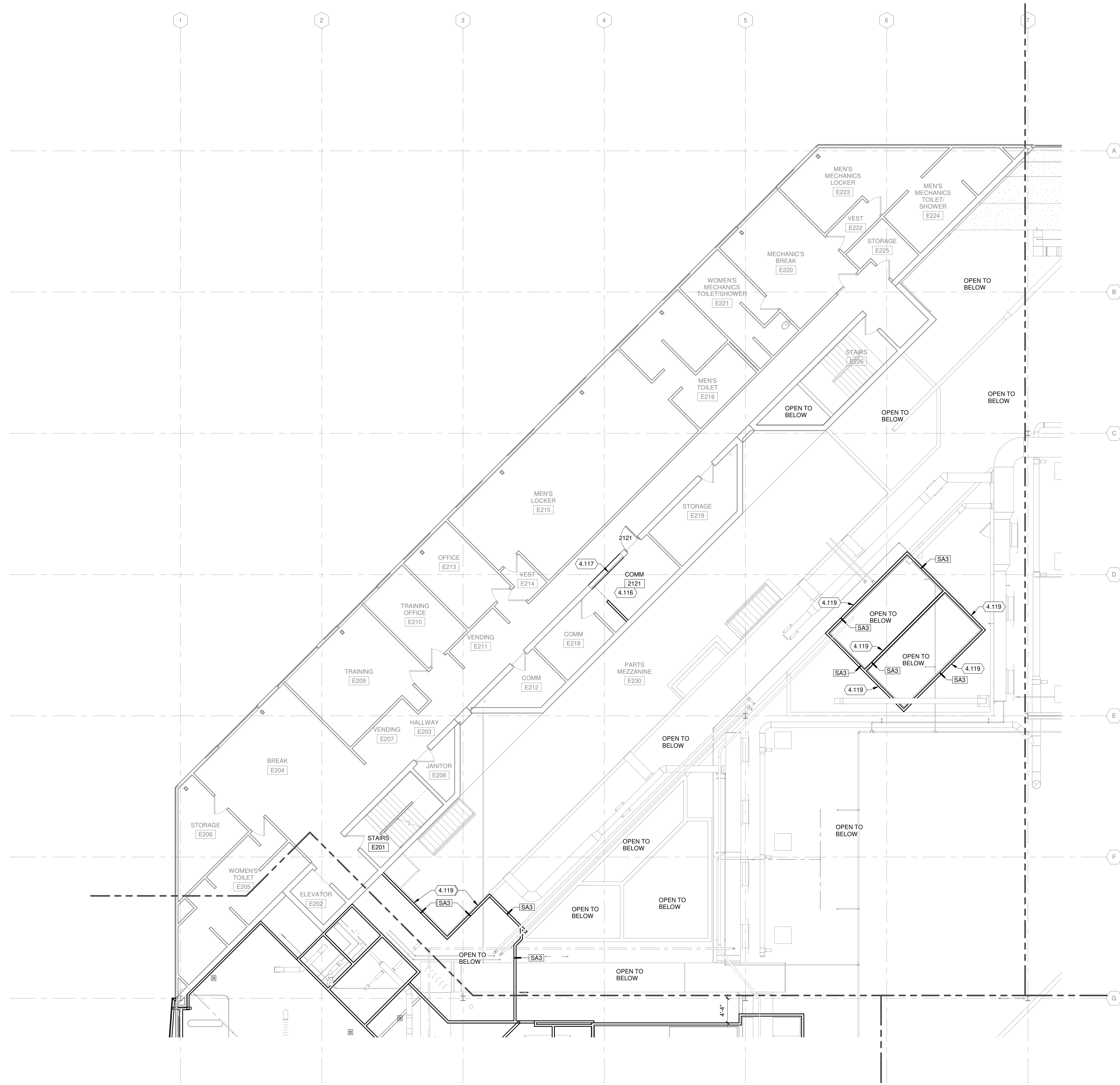


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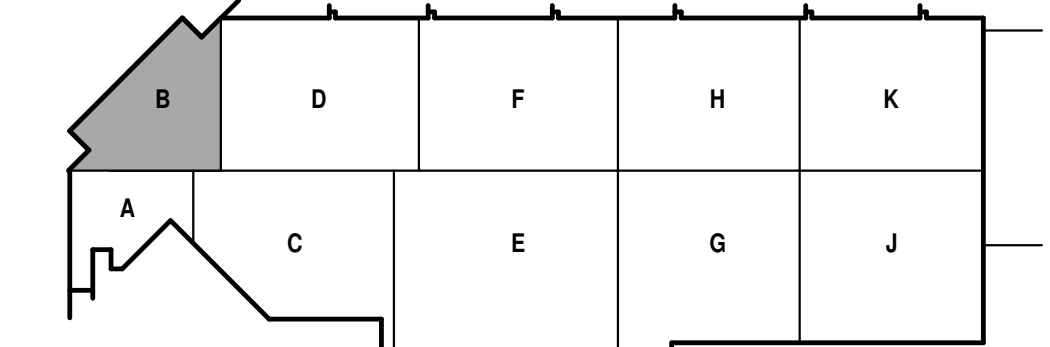
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KEYED NOTES

- 4.116 LINE PERIMETER WALLS WITH 3/4" FIRE RATED 4X8 PLYWOOD EQUIPMENT MOUNTING PANELS @ 7'-0" AFF
- 4.117 INFILL WALL OPENING TO MATCH ADJACENT FACES AND PAINT BOTH SIDES
- 4.119 CENTER STUD WALL ON CMU WALL BELOW



TRUE PLAN
NORTH NORTH
1
1/8" = 1'-0"
SECOND FLOOR PLAN - AREA B



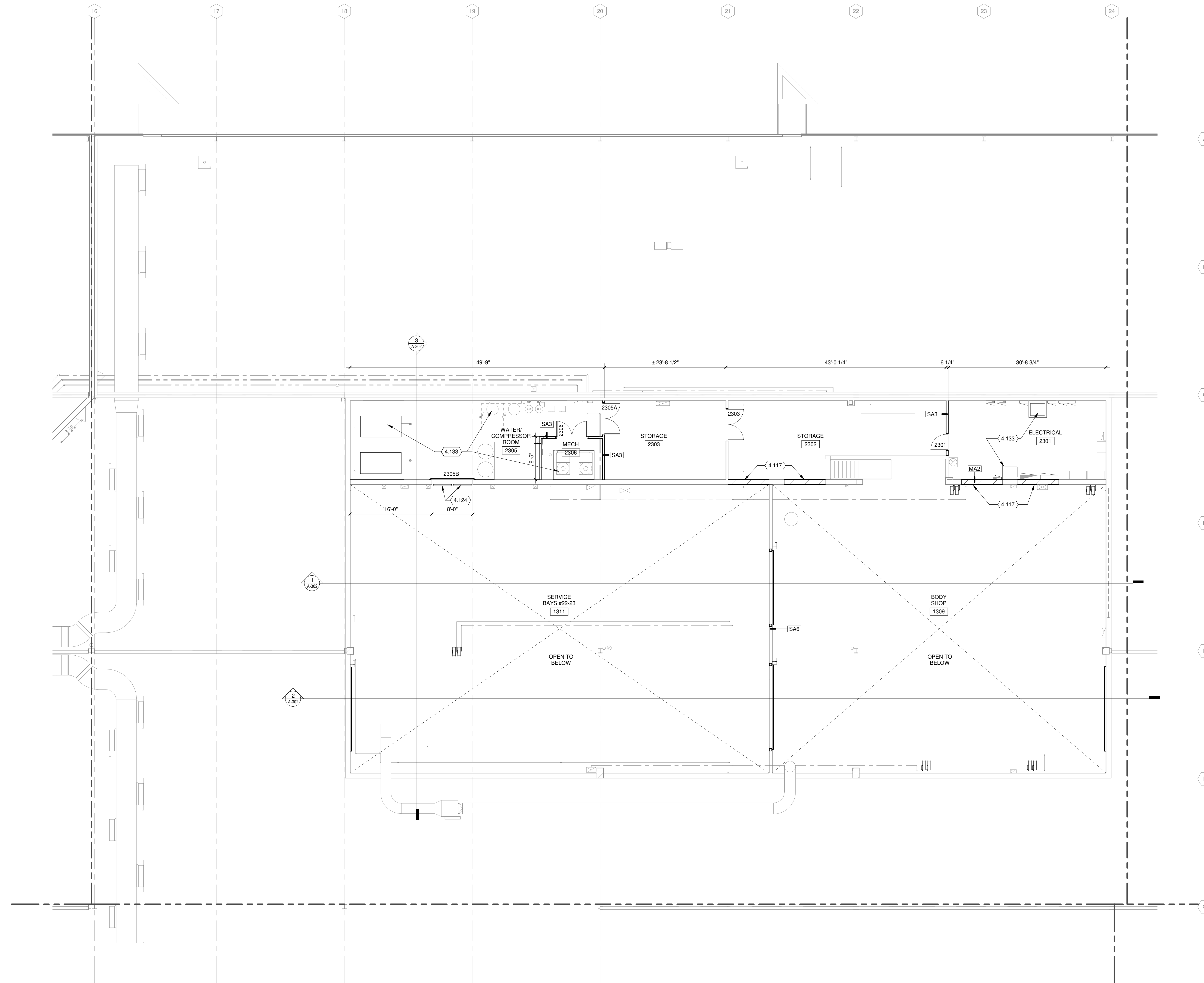


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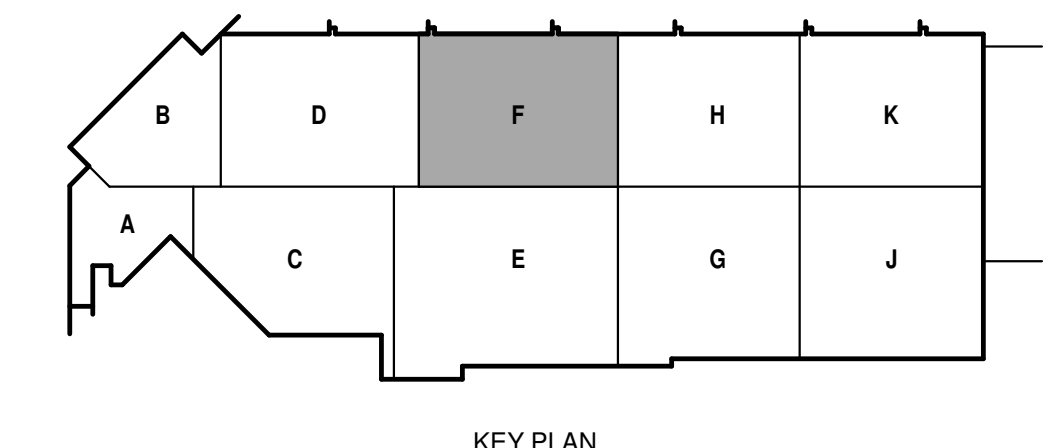
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- REFERENCE SHEET G-020 THROUGH G-030 FOR LIFE SAFETY CODE, WALL/FLOOR RATINGS, AND CLASS 1, DIV 2 REQUIREMENTS.
- GENERAL CONTRACTOR SHALL PATCH AND REPAIR EXISTING CONSTRUCTION (WALLS, DOORS, CEILINGS, FLOORS, ETC.) AS REQUIRED FROM DEMOLITION OR CONSTRUCTION TO ALLOW FOR THE PREP WORK AND NEW OR COMPLETION OF EXISTING FINISHES. REPAIRS OR REPLACEMENTS MUST BE DURABLE, SEAMLESS, AND MATCH THE EXISTING MATERIAL.
- GENERAL CONTRACTOR SHALL PATCH EXISTING AND WALL PENETRATIONS CAUSED BY DEMOLITION OF MECHANICAL, ELECTRICAL, TECHNOLOGY, AND PLUMBING, INCLUDING BUT NOT LIMITED TO PIPING AND CONDUIT RUNS, IN A MANNER THAT IS CONSISTENT WITH THE EXISTING FLOOR AND WALL CONSTRUCTION AND FINISH. PENETRATIONS SHALL MEET REQUIRED FIRE RATINGS.
- COORDINATE THE INSTALLATION OF OWNER-SUPPLIED EQUIPMENT. REFERENCE PLANS, SPECS, AND INTERIOR ELEVATIONS FOR SPECIFIC EQUIPMENT AND ITS INSTALLATION REQUIREMENTS.
- GENERAL CONTRACTOR SHALL PROVIDE BLOCKING, STIFFENERS, BRACINGS, BACKING PLATES, SUPPORTING BRACKETS, AND NECESSARY SELECTIVE DEMOLITION REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT.
- EXISTING AND INFILL CONCRETE SUB FLOOR SHALL BE MADE LEVEL, PLUMB AND IN SOUND CONDITION AS REQUIRED FOR THE INSTALLATION OF FINAL FLOOR FINISHES, TYPICAL. PROVIDE ARDEX OR EQUAL LEVELING CONCRETE TO PROVIDE A SMOOTH WALKABLE AREA.
- RECESSED CABINETS, PANELS, BOXES, ETC. LOCATED IN FIRE-RATED PARTITIONS SHALL BE INSTALLED IN A MANNER WHICH MAINTAINS THE FIRE RATED CONSTRUCTION.
- SEE ENLARGED PLANS FOR NOTES, DIMENSIONS, AND WALL TYPES WITHIN THE DETAIL CALLOUT BOUNDARIES.
- REFERENCE SHEET A-002 FOR INTERIOR PARTITION TYPES. INTERIOR PARTITION TAGS NOTED ENCOMPASS THE ENTIRE LENGTH OF WALL SHOWN TO CORNERS OF ROOM, OVER AND AROUND DOORWAYS SHOWN.
- REFERENCE SHEET I-100'S FOR FURNITURE LAYOUTS AND COORDINATION REQUIREMENTS.
- REFERENCE SHEET G-100'S FOR EQUIPMENT LAYOUTS AND COORDINATION REQUIREMENTS.
- REFERENCE SHEET G-101 FOR CONSTRUCTION STAGING AND SEQUENCING PHASING REQUIREMENTS.

KEYED NOTES

- 4.117 INFILL WALL OPENING TO MATCH ADJACENT FACES AND PAINT BOTH SIDES
- 4.120 NEW EQUIPMENT PAD, SEE STRUCTURAL DRAWINGS
- 4.124 PROVIDE STEEL GRATING PLATFORM WITH REMOVABLE RAILINGS
- 4.133 MEP EQUIPMENT, TYP



TRUE PLAN
NORTH NORTH
1
SECOND FLOOR PLAN - AREA F
1/8" = 1'-0"



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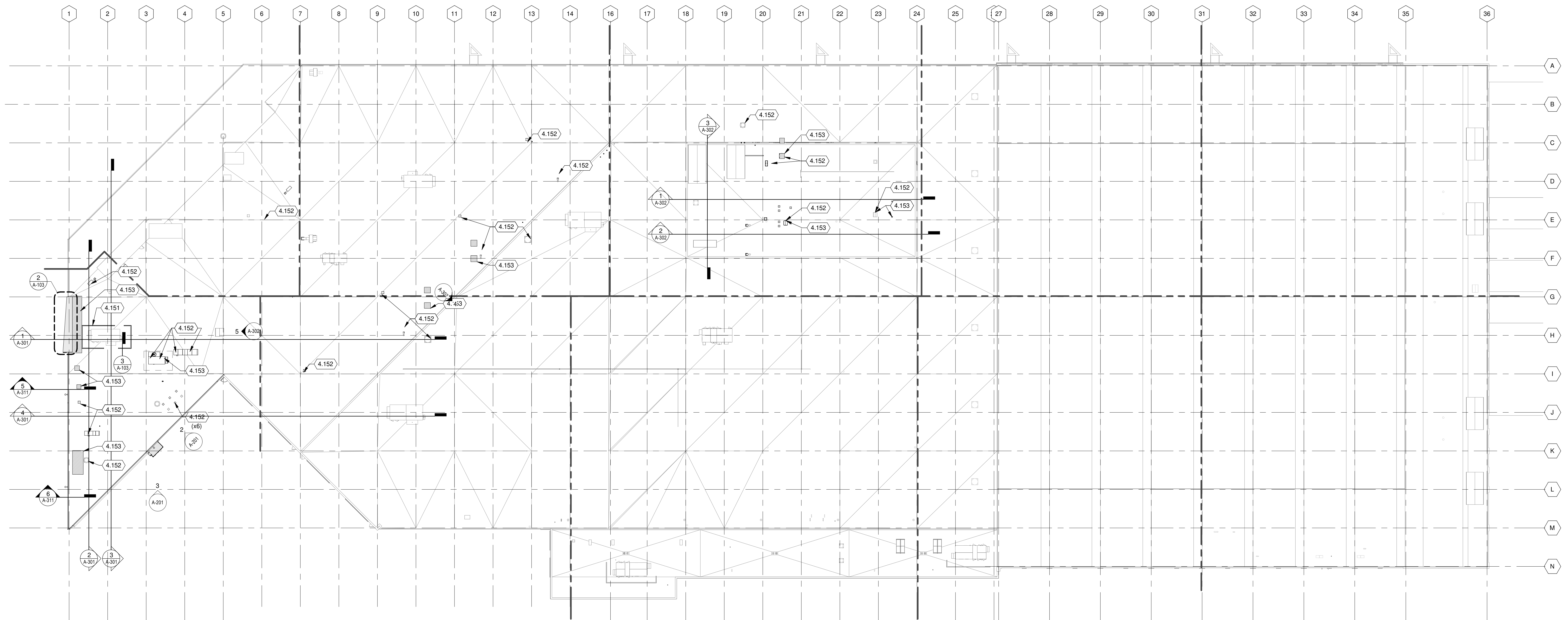
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1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

ISSUED
04/08/21 BID SET

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RHW NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: SZK
DRAWN BY: NJD, DJM
CHECKED BY: RCL, REK
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SHEET CONTENTS
ROOF PLAN

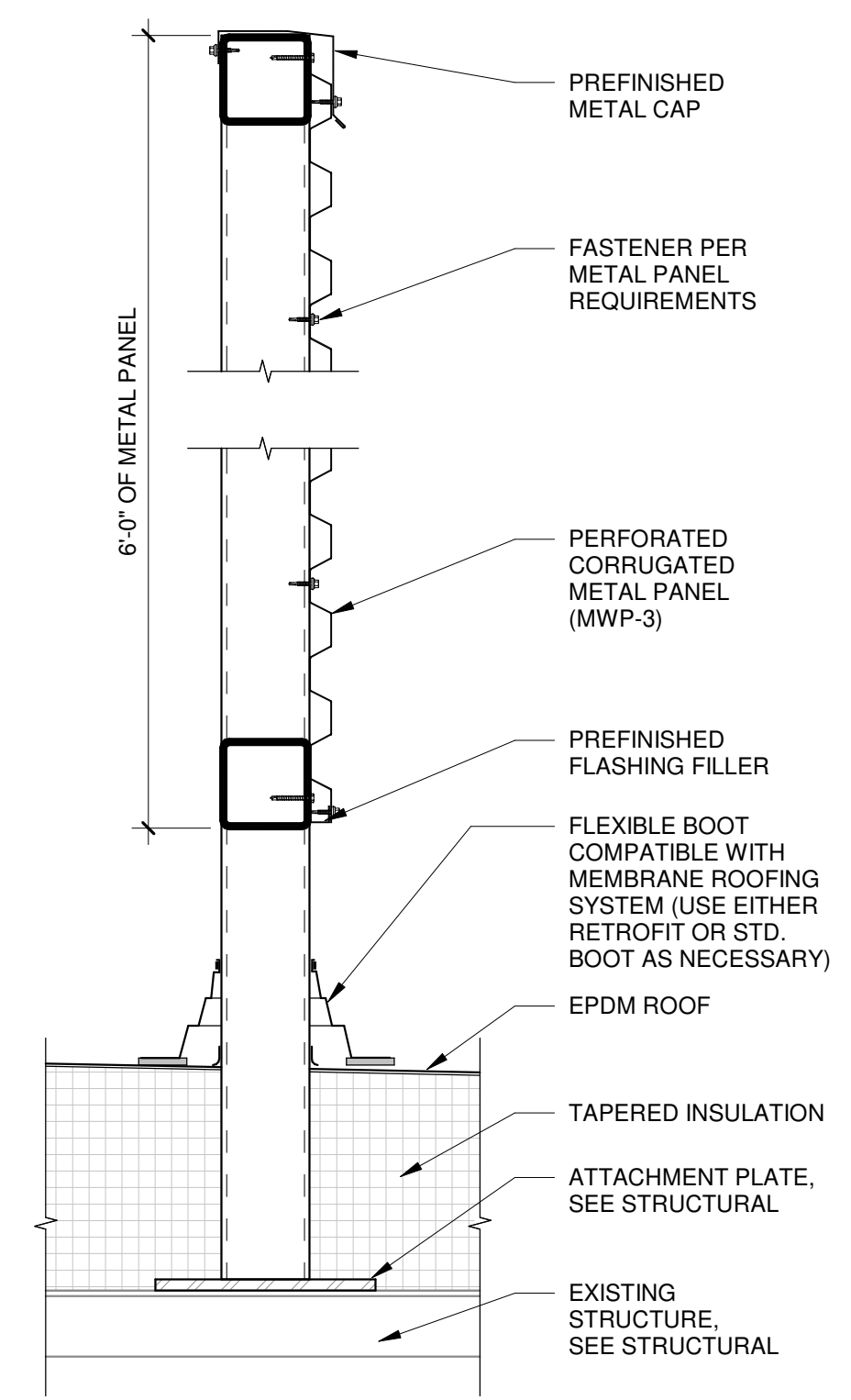
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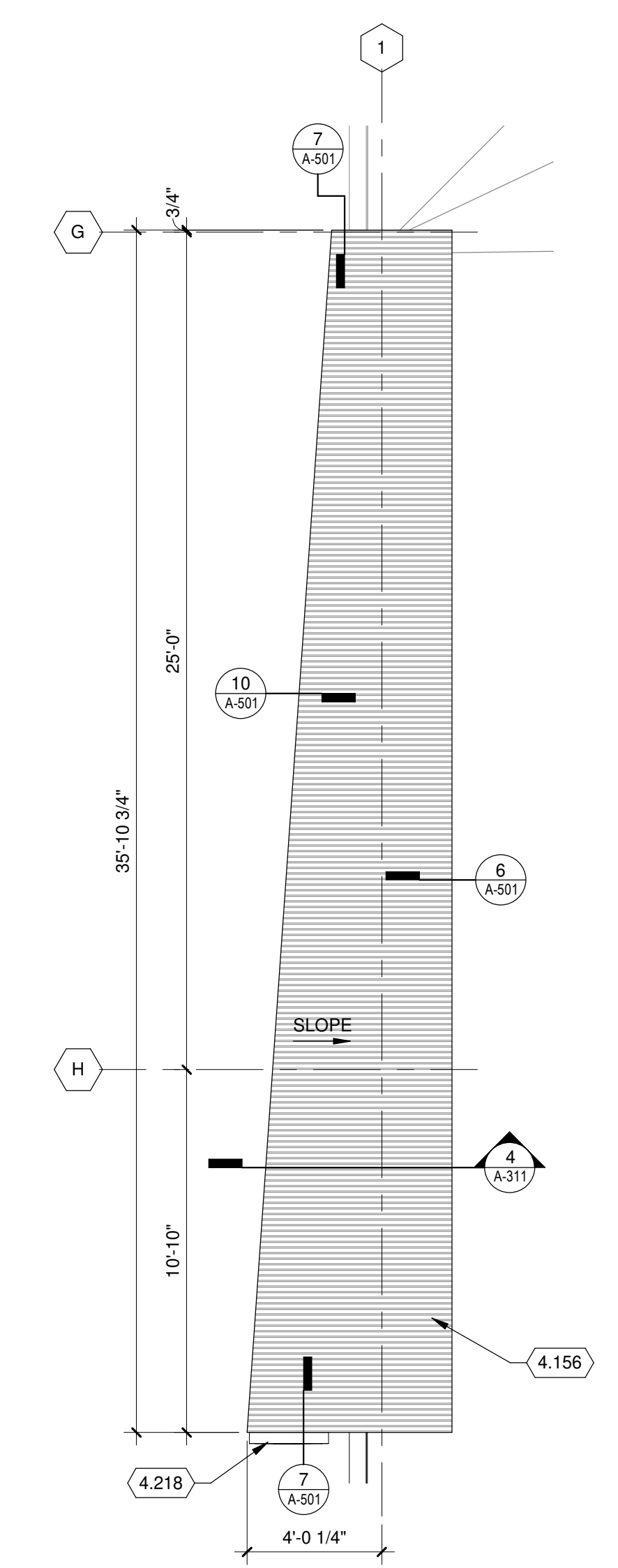
TRUE PLAN
NORTH NORTH
1 OVERALL ROOF PLAN
1" = 30'-0"

KEYED NOTES

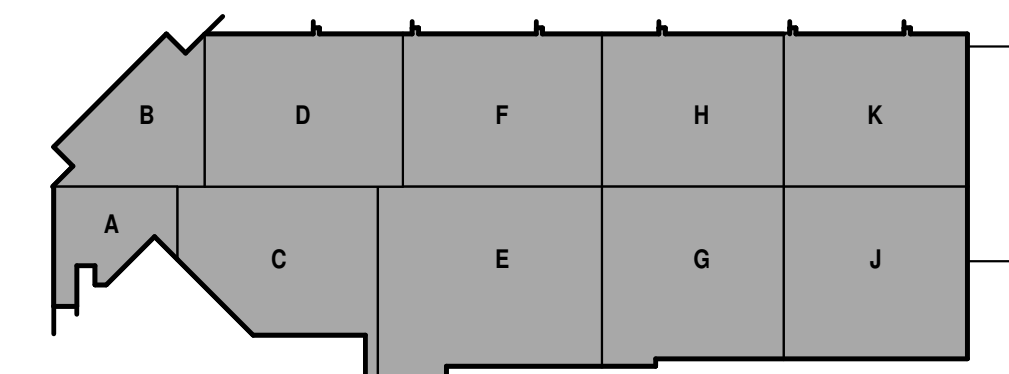
- 4.151 MP-3 AIR HANDLING UNIT SCREEN WALL - REF STRUCTURAL FOR SUPPORTS
- 4.152 NEW OPENING IN ROOF, REF MECHANICAL FOR SIZE AND LOCATION
- 4.153 INFILL AND PATCH ROOF TO MAINTAIN EXISTING WARRANTY
- 4.156 METAL ROOF SYSTEM
- 4.218 VERTICAL SIGNAGE LOCATION BY OTHERS



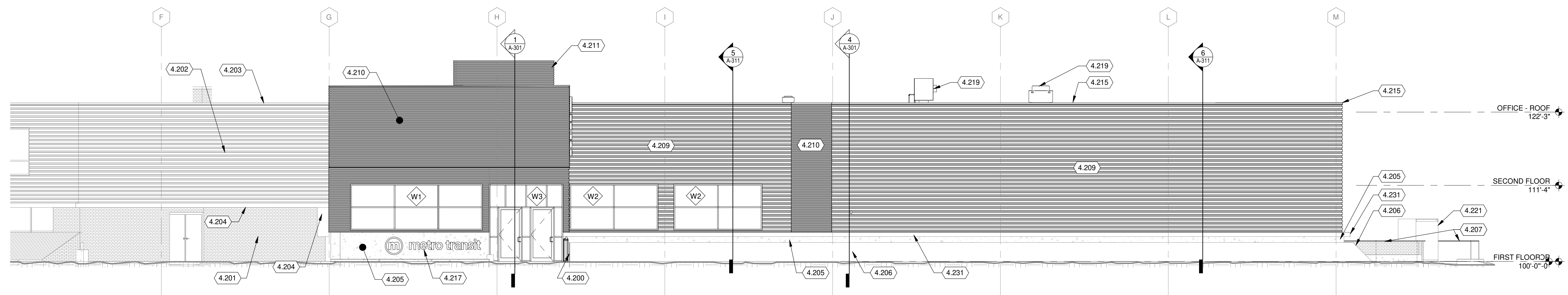
3 SCREEN WALL SECTION
1/2" = 1'-0"



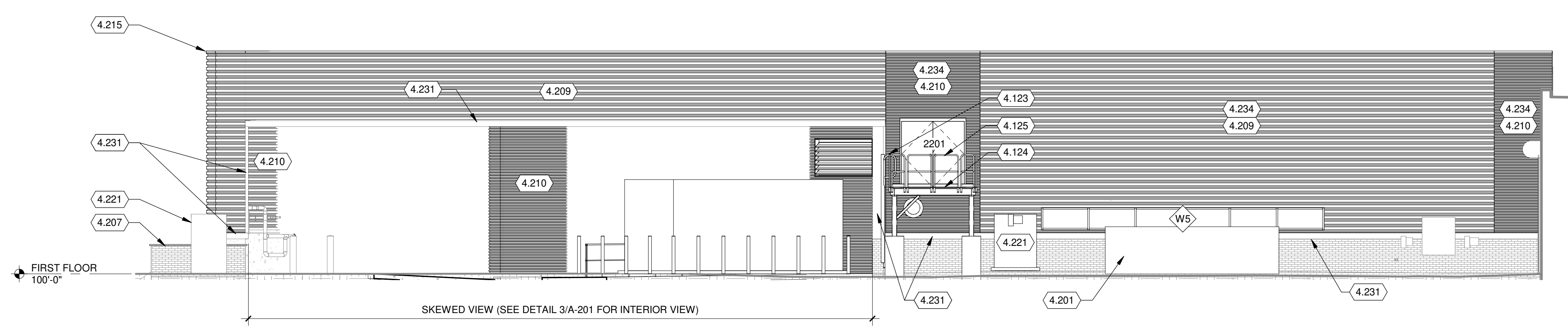
TRUE PLAN
NORTH NORTH
2 OVERHANG ROOF PLAN
1/4" = 1'-0"



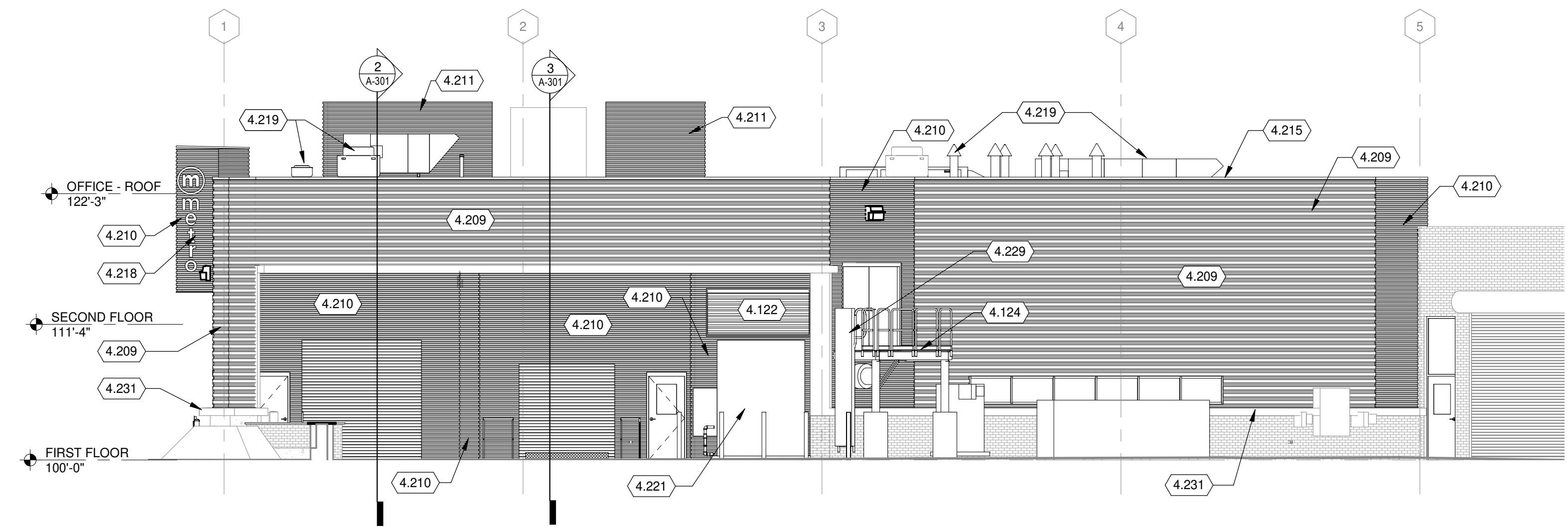
KEY PLAN



1 WEST BUILDING ELEVATION
1/8" = 1'-0"



2 SOUTHEAST BUILDING ELEVATION
1/8" = 1'-0"



3 SOUTH BUILDING ELEVATION
1/8" = 1'-0"

KEYED NOTES

- 4.122 PROVIDE MECHANICAL LOUVER IN EXISTING OPENING. SEE MECHANICAL DRAWINGS
- 4.123 EGRESS LADDER WITH LADDER GUARD. PROVIDE LOCKING MECHANISM AT THE TOP PLATFORM
- 4.124 PROVIDE STEEL GRATING PLATFORM WITH REMOVABLE RAILINGS
- 4.125 REMOVABLE RAILING. SEE DETAIL 14 & 17/A-501
- 4.200 ELEVATION NOTES
- 4.201 EXISTING BRICK, TO REMAIN
- 4.202 EXISTING METAL WALL PANEL TO REMAIN
- 4.203 EXISTING METAL WALL CAP TO REMAIN
- 4.204 EXISTING STEEL PLATE TO REMAIN
- 4.205 EXISTING CONCRETE GRADE BEAM TO REMAIN
- 4.206 EXISTING SLOPED CONCRETE, TO REMAIN
- 4.207 EXISTING SCREEN WALLS, TO REMAIN
- 4.209 METAL PANEL (MWP-1)
- 4.210 METAL PANEL (MWP-2)
- 4.211 SCREENWALL, METAL PANEL (MWP-3)
- 4.215 PREFINISHED METAL CAP. COLOR TO MATCH MWP 2
- 4.217 HORIZONTAL SIGNAGE LOCATION BY OTHERS
- 4.218 VERTICAL SIGNAGE LOCATION BY OTHERS
- 4.219 MECHANICAL EQUIPMENT, SEE MECHANICAL DRAWINGS
- 4.221 ELECTRICAL EQUIPMENT, SEE ELECTRICAL DRAWINGS
- 4.229 STEEL LADDER WITH COVER AND RELEASE AT TOP SIDE.
- 4.231 EXISTING STEEL PLATE TO REMAIN, PAINT METRO BLUE, TYP
- 4.234 METAL WALL PANEL AS NOTED ON 9/16" HAT CHANNEL ATTACHED TO EXISTING CMU WALL



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SHEET CONTENTS
EXTERIOR
ELEVATIONS

SHEET NO.:
A-201

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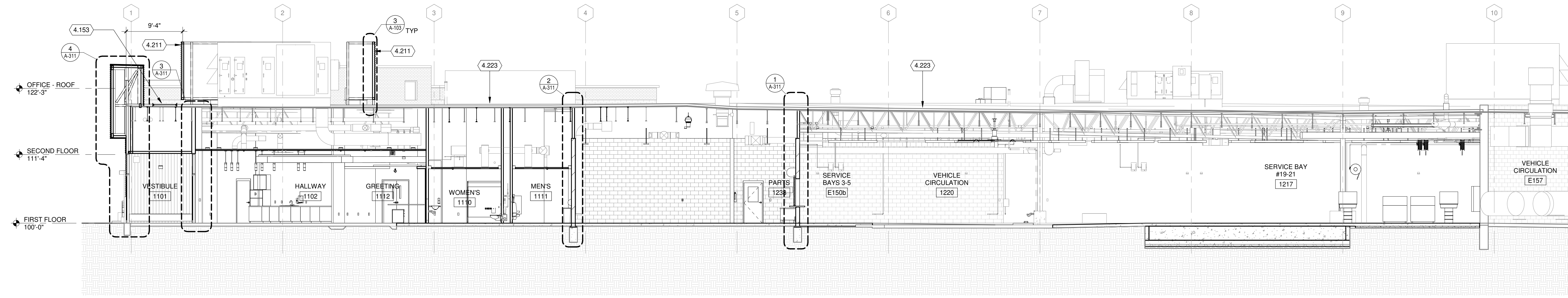
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SHEET CONTENTS
BUILDING SECTIONS

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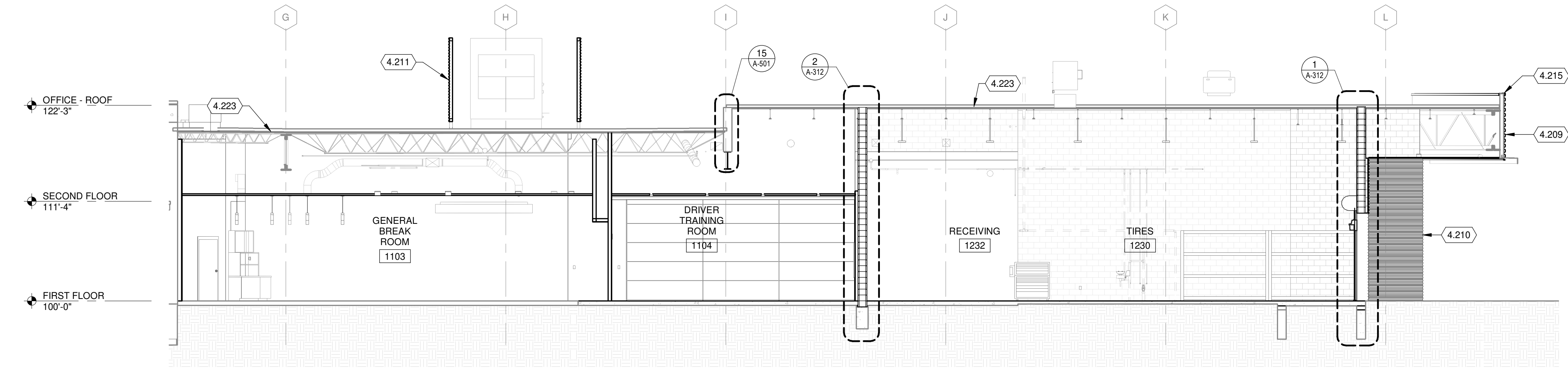
A-301



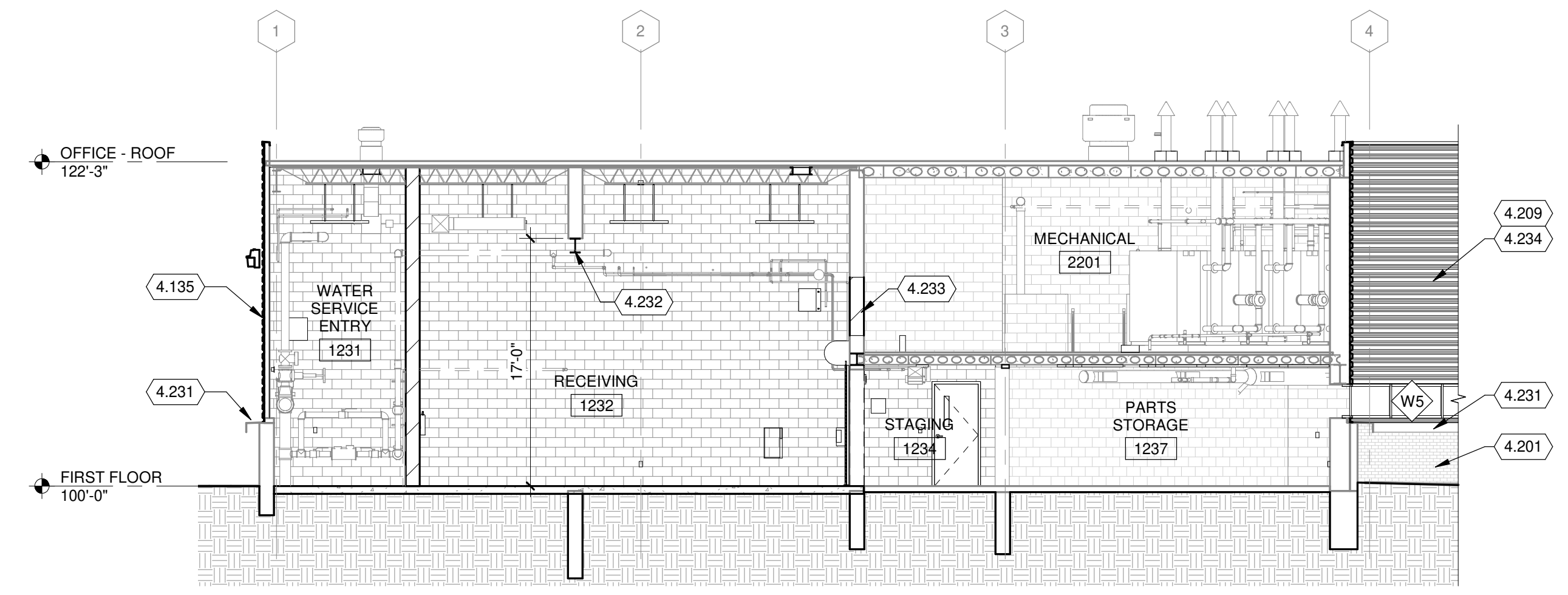
1 BUILDING SECTION
1/8" = 1'-0"

KEYED NOTES

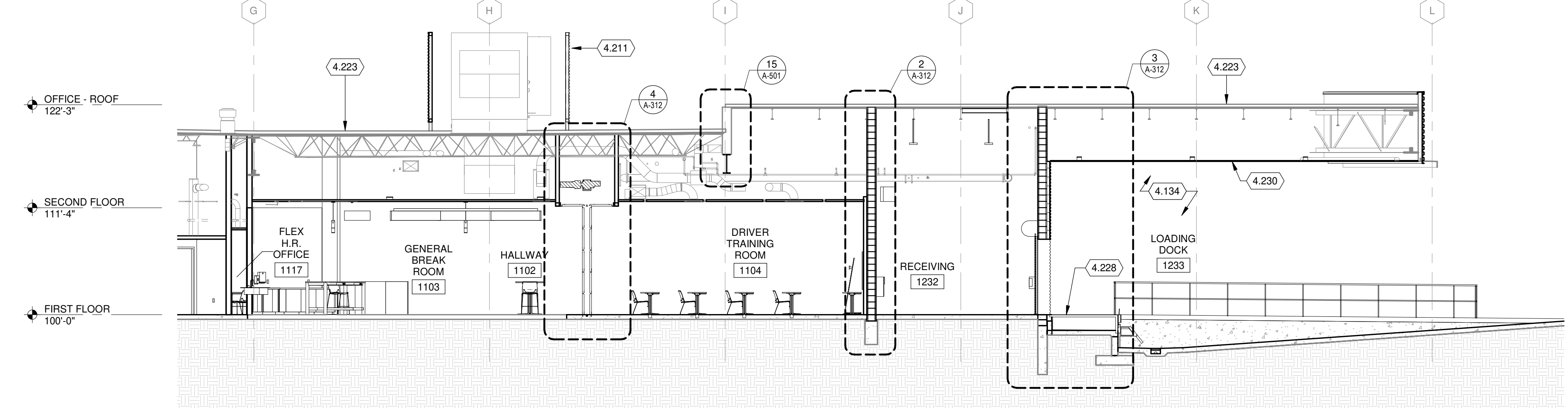
- 4.134 PROVIDE METAL WALL PANEL (MWP2) ON 3" Z FURRING WITH 2" RIGID INSULATION AND 1" AIR SPACE, AND A FLUID APPLIED MEMBRANE AIR BARRIER OVER EXISTING CMU
- 4.135 PROVIDE METAL WALL PANEL (MWP1) OVER FLUID-APPLIED MEMBRANE AIR BARRIER ON 5/8" GYP. SHEATHING OVER EXISTING 3 5/8" STUD. FILL ENTIRE CAVITY WITH INSULATION, VAPOR BARRIER, 5/8" GYP. SD
- 4.153 INFILL AND PATCH ROOF TO MAINTAIN EXISTING WARRANTY
- 4.201 EXISTING BRICK, TO REMAIN
- 4.209 METAL PANEL (MWP-1)
- 4.210 METAL PANEL (MWP-2)
- 4.211 SCREENWALL, METAL PANEL (MWP-3)
- 4.215 PREFINISHED METAL CAP, COLOR TO MATCH MWP-2
- 4.223 EXISTING ROOFING TO REMAIN - PATCH NEW PENETRATIONS TO MECHANICAL, TYP
- 4.228 DOCK LEVELER
- 4.230 METAL SOFFIT (MWP4) ON EXISTING FRAMING - INSTALL (4) REPLACEMENT 12X12 LOUVER VENTS
- 4.231 EXISTING STEEL PLATE TO REMAIN, PAINT METRO BLUE, TYP
- 4.232 STEEL BEAM AT CMU WALL REMOVAL - REF STRUCTURAL
- 4.233 INFILL WALL OPENING WITH CMU TO MATCH EXISTING WIDTH
- 4.234 METAL WALL PANEL AS NOTED ON 9/16" HAT CHANNEL ATTACHED TO EXISTING CMU WALL



2 BUILDING SECTION
1/8" = 1'-0"



4 BUILDING SECTION
1/8" = 1'-0"

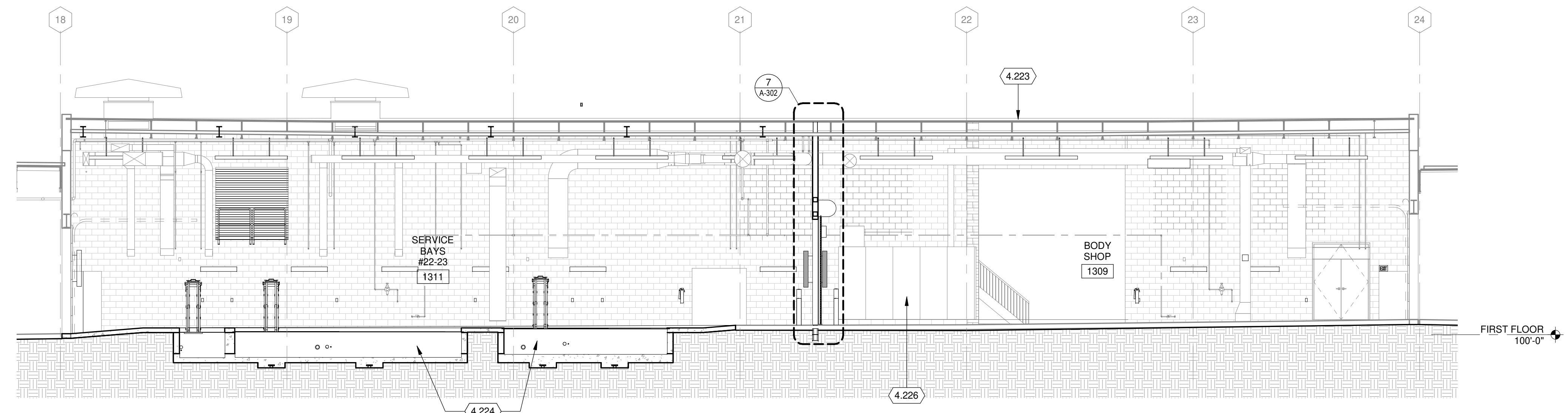


3 BUILDING SECTION
1/8" = 1'-0"

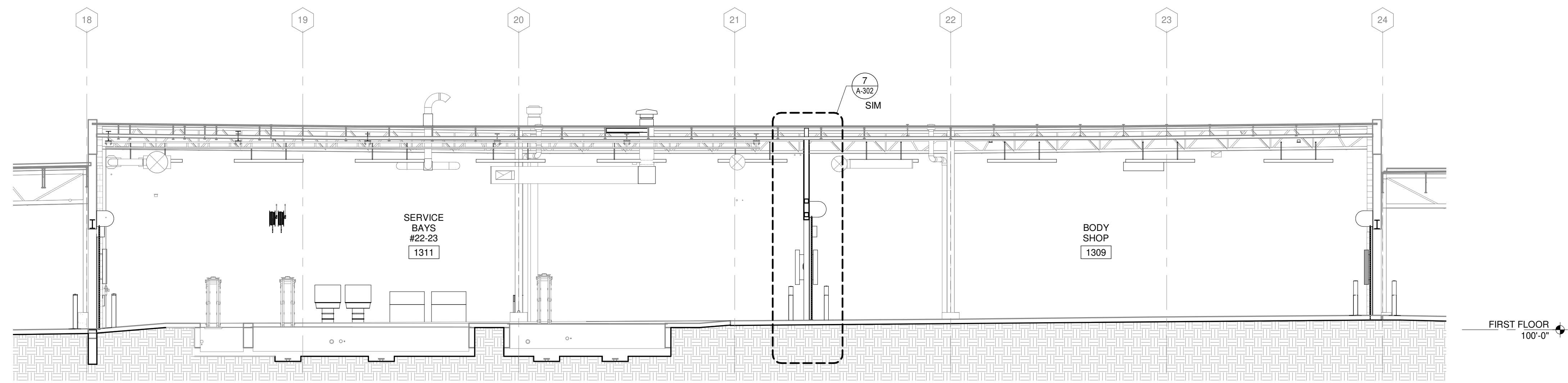
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KEYED NOTES

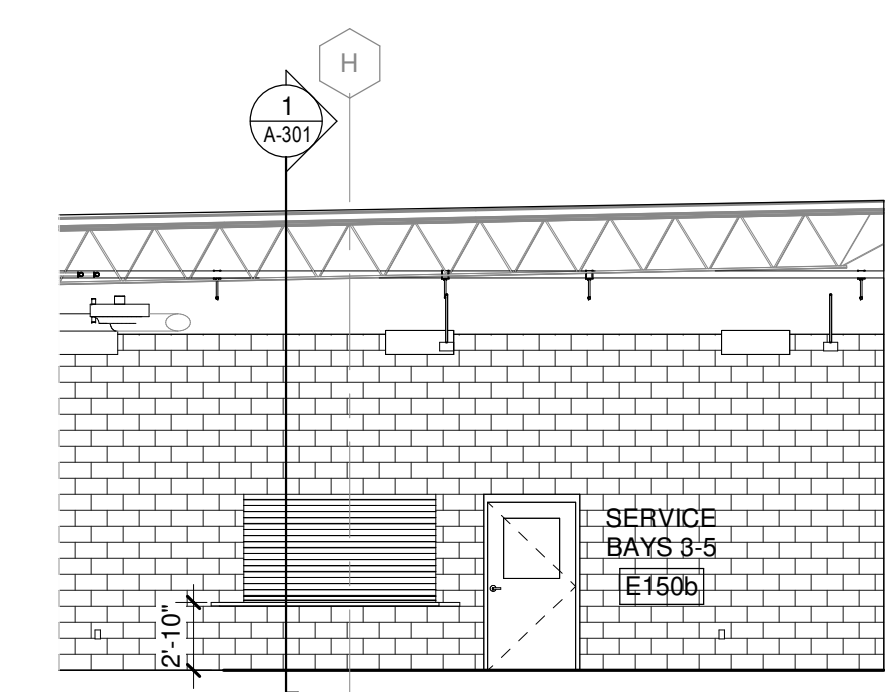
- 4.223 EXISTING ROOFING TO REMAIN - PATCH NEW PENETRATIONS TO MECHANICAL, TYP
- 4.224 VEHICLE LIFT (SEE EQUIPMENT) SET IN CONCRETE PIT (SEE STRUCTURAL)
- 4.225 EXISTING VEHICLE LIFT AND PIT
- 4.226 EXISTING PAINT BOOTH TO REMAIN



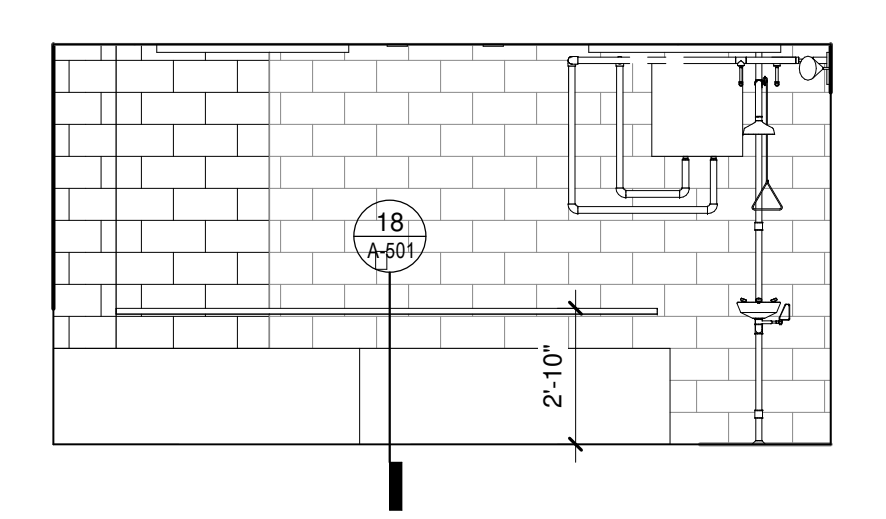
1 BUILDING SECTION
1/8" = 1'-0"



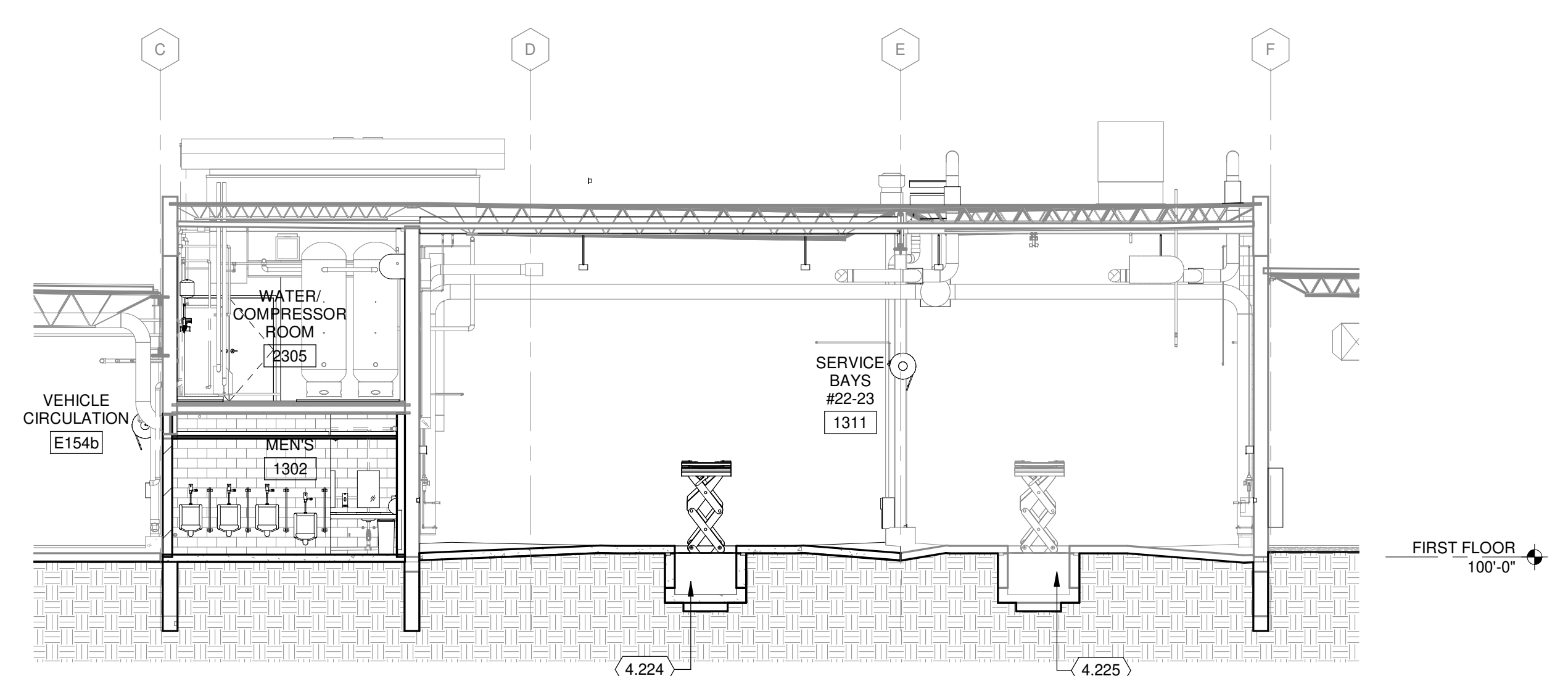
2 BUILDING SECTION
1/8" = 1'-0"



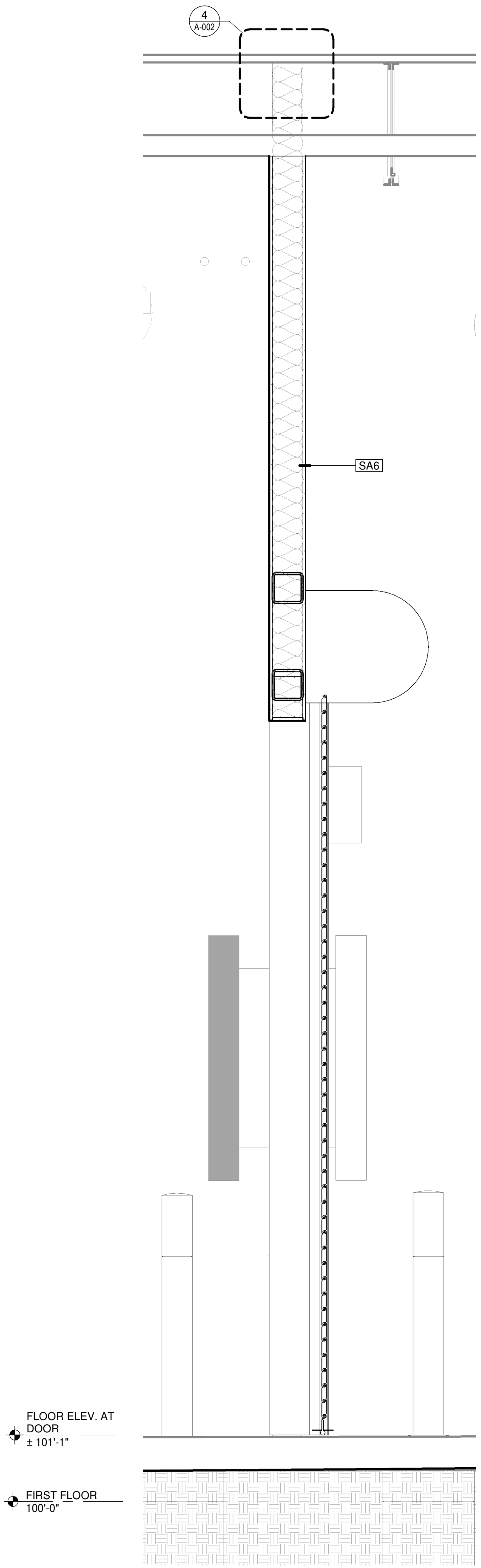
5 VEHICLE CIRCULATION
1/8" = 1'-0"



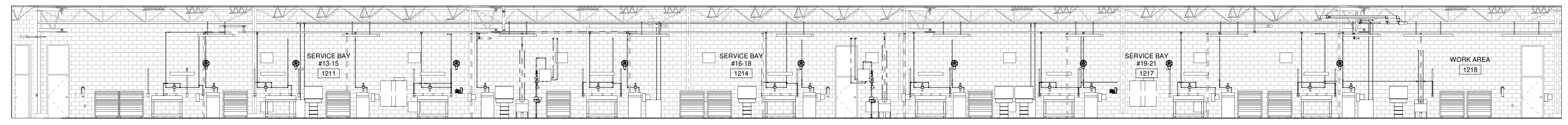
6 BATTERY STORAGE
1/4" = 1'-0"



3 BUILDING SECTION
1/8" = 1'-0"



7 WALL SECTION
3/4" = 1'-0"



4 COORDINATION SECTION
1/8" = 1'-0"



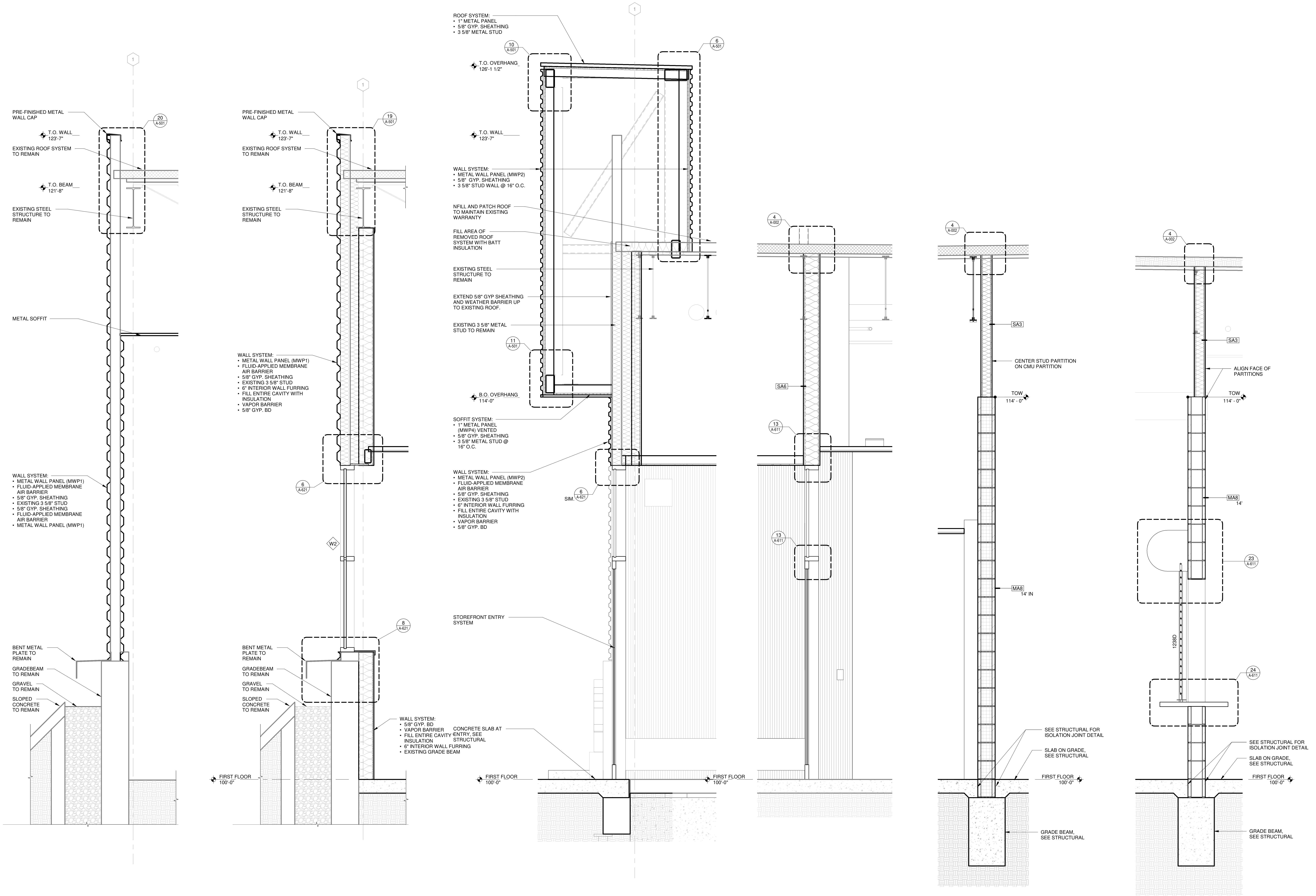
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SHEET CONTENTS
WALL SECTIONS

SHEET NO.:



6 WALL SECTION
3/4" = 1'-0"

5 WALL SECTION
3/4" = 1'-0"

4 WALL SECTION
3/4" = 1'-0"

3 WALL SECTION
3/4" = 1'-0"

2 WALL SECTION
3/4" = 1'-0"

1 WALL SECTION
3/4" = 1'-0"

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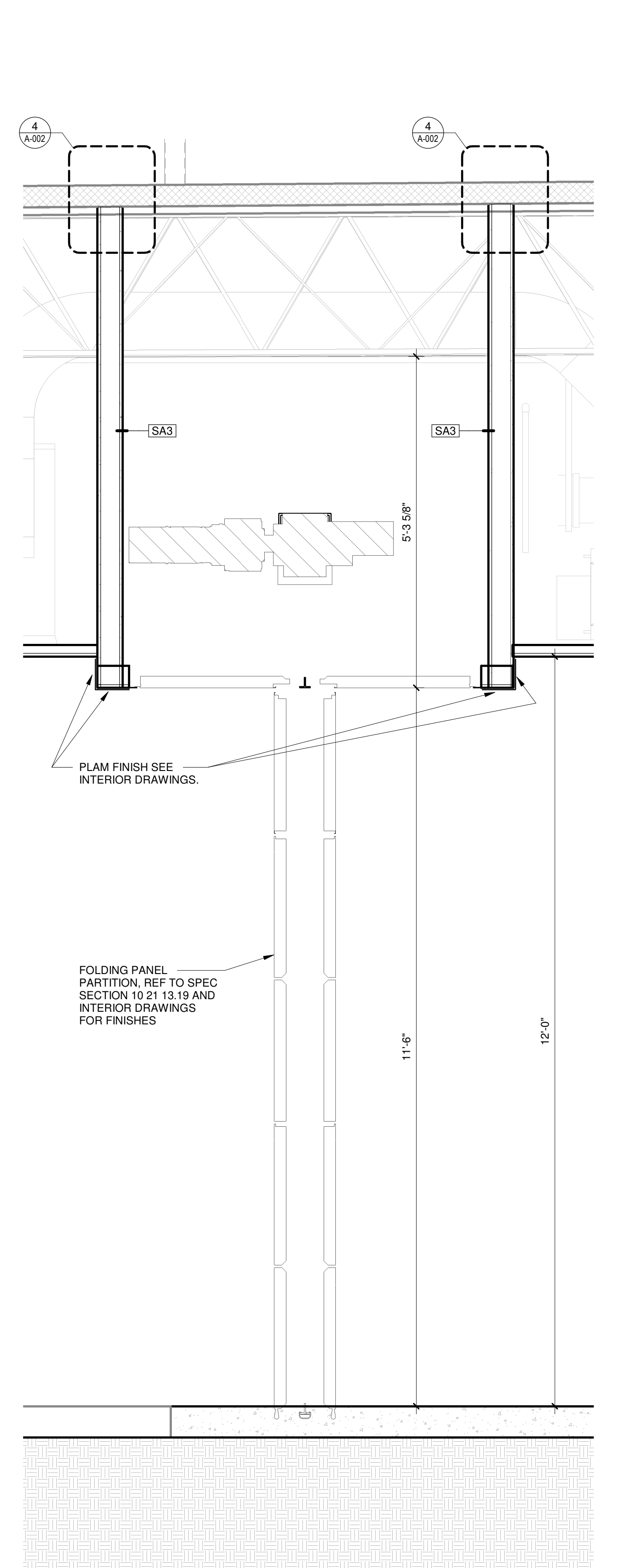
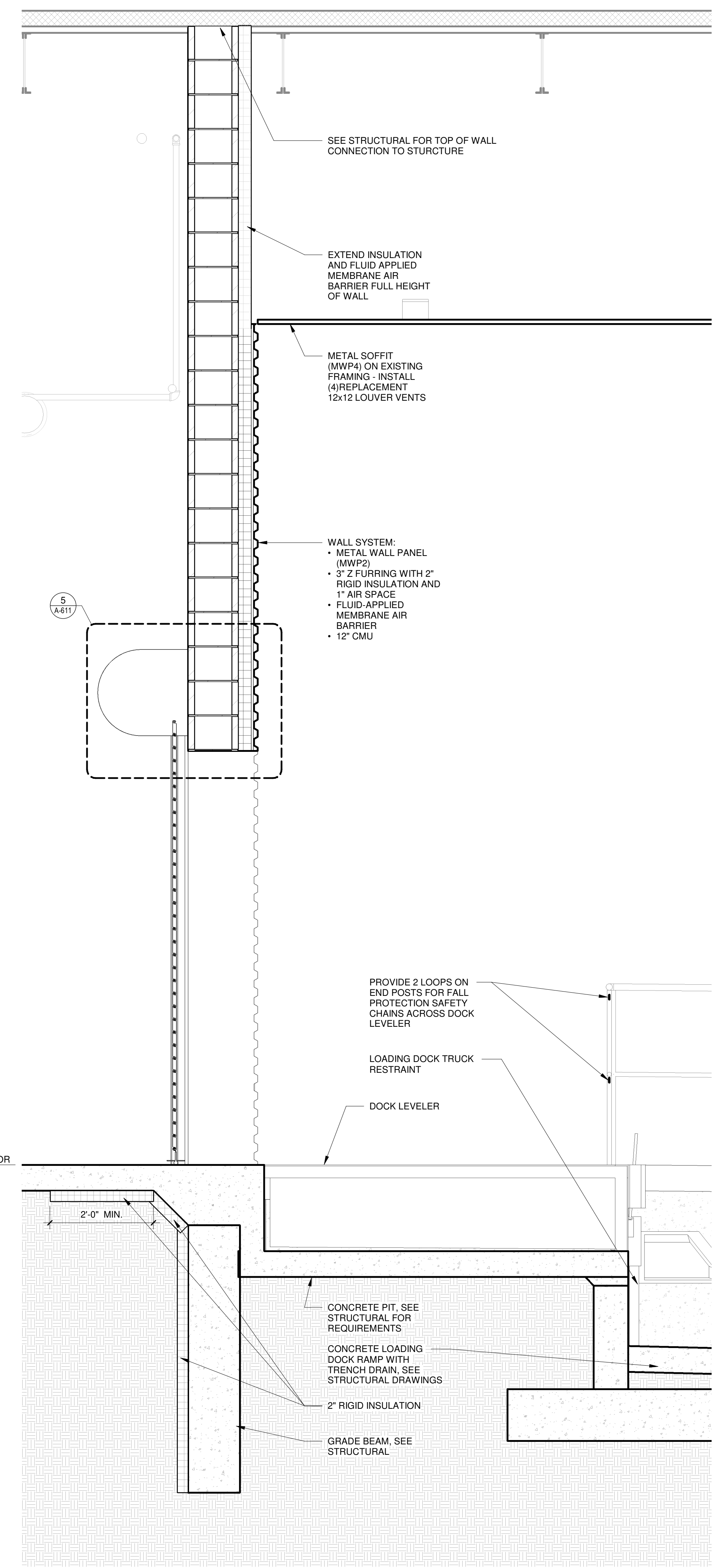
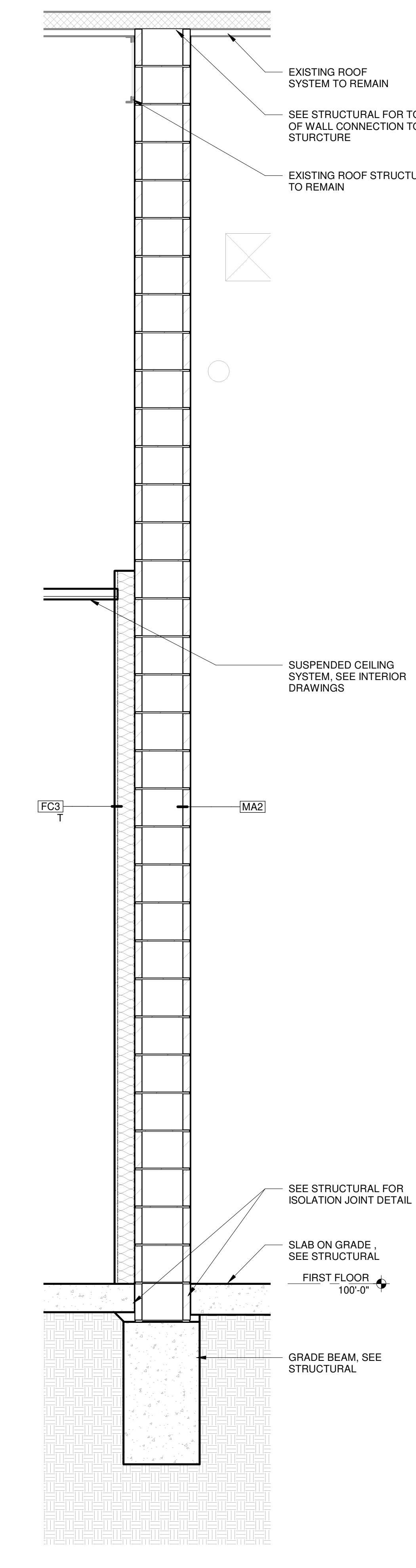
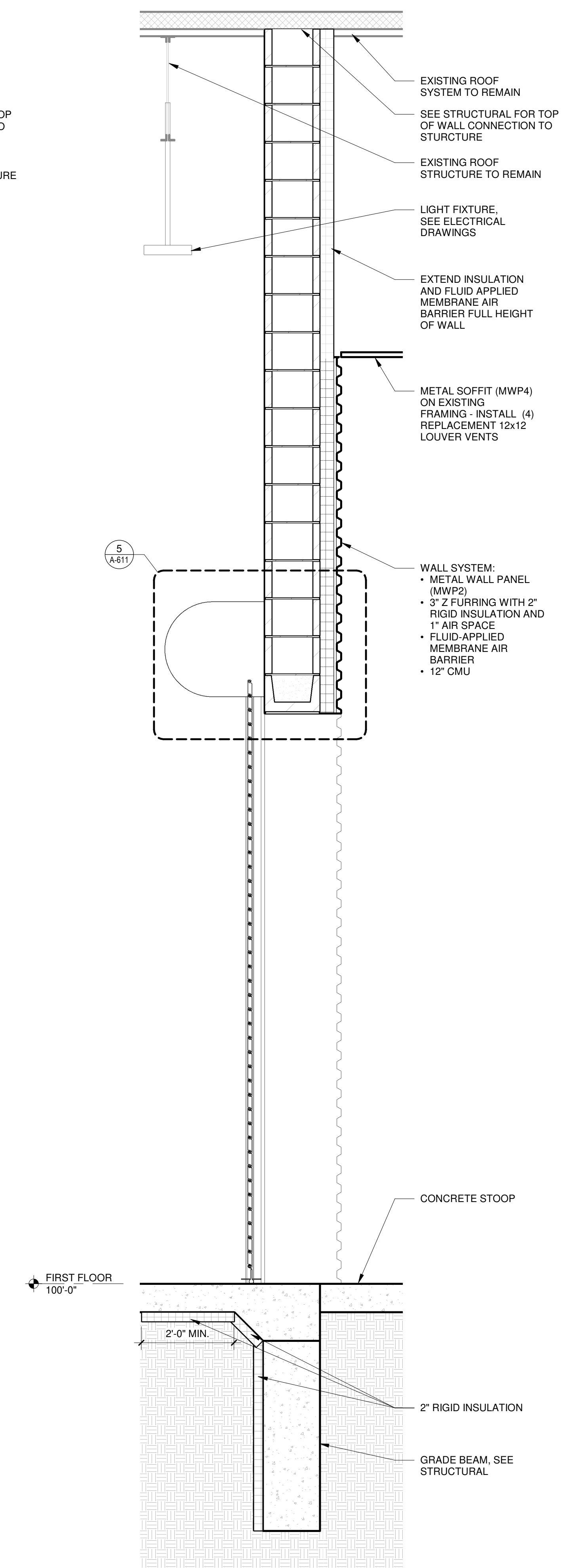
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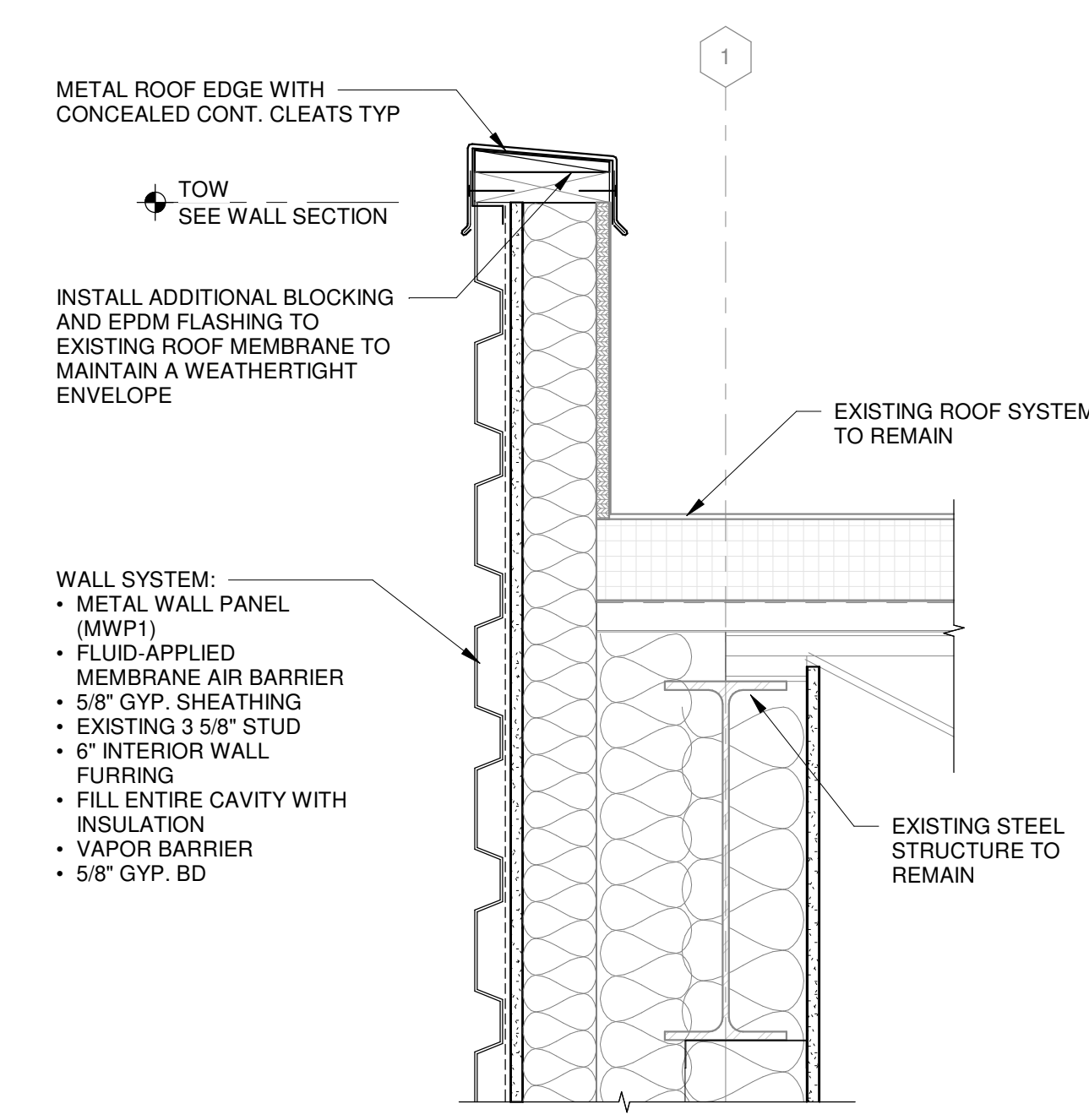
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SHEET CONTENTS
WALL SECTIONS

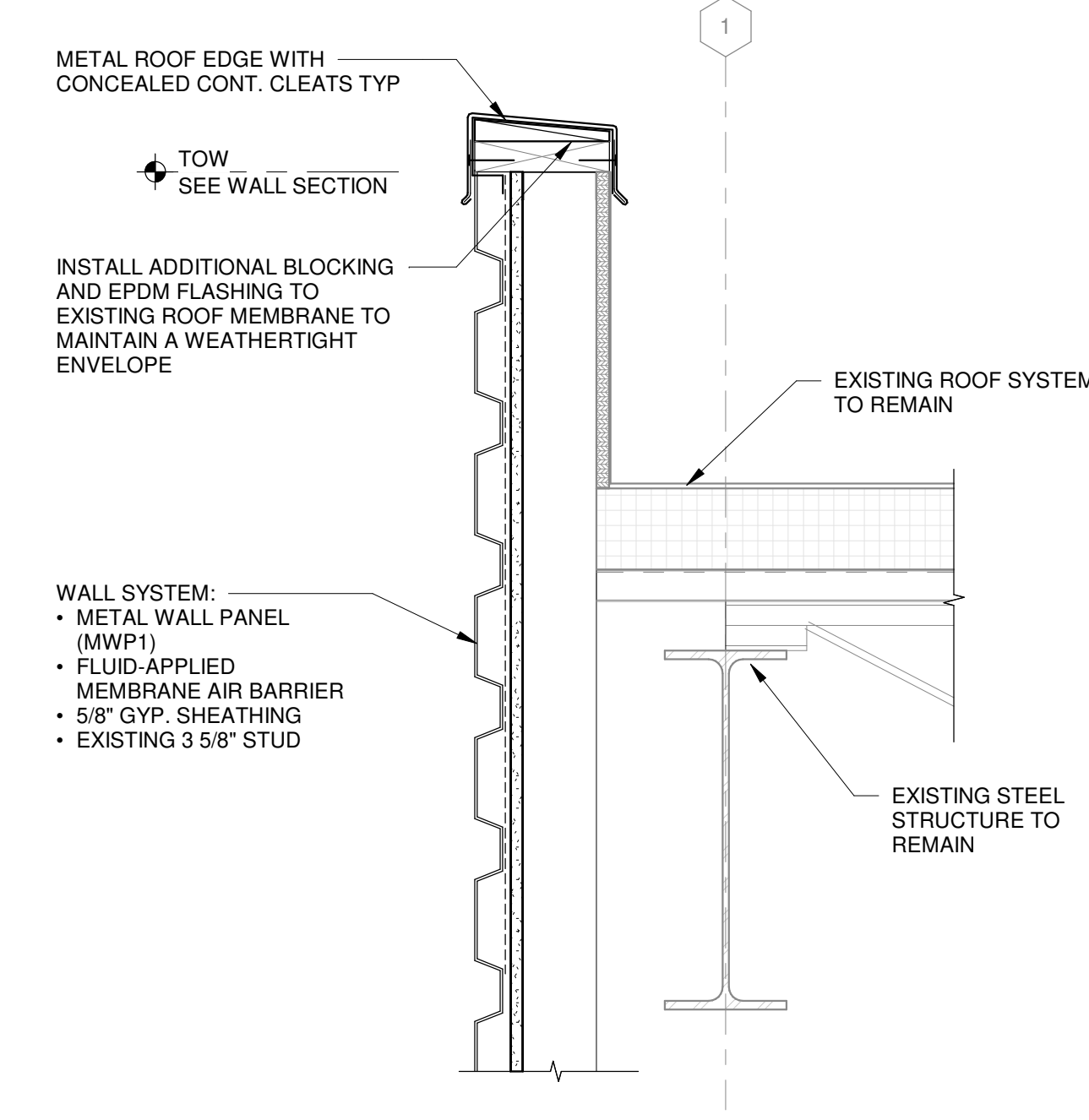
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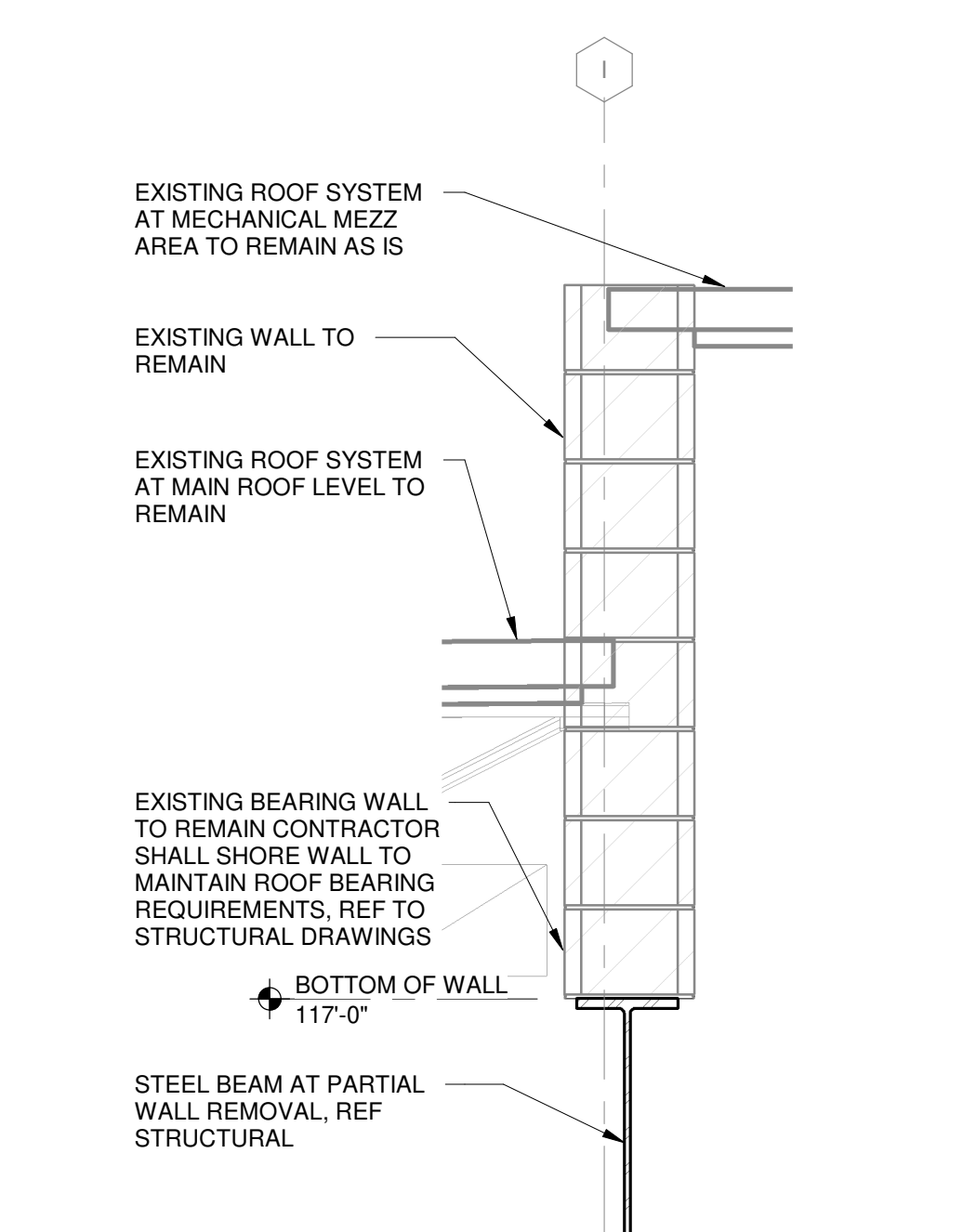
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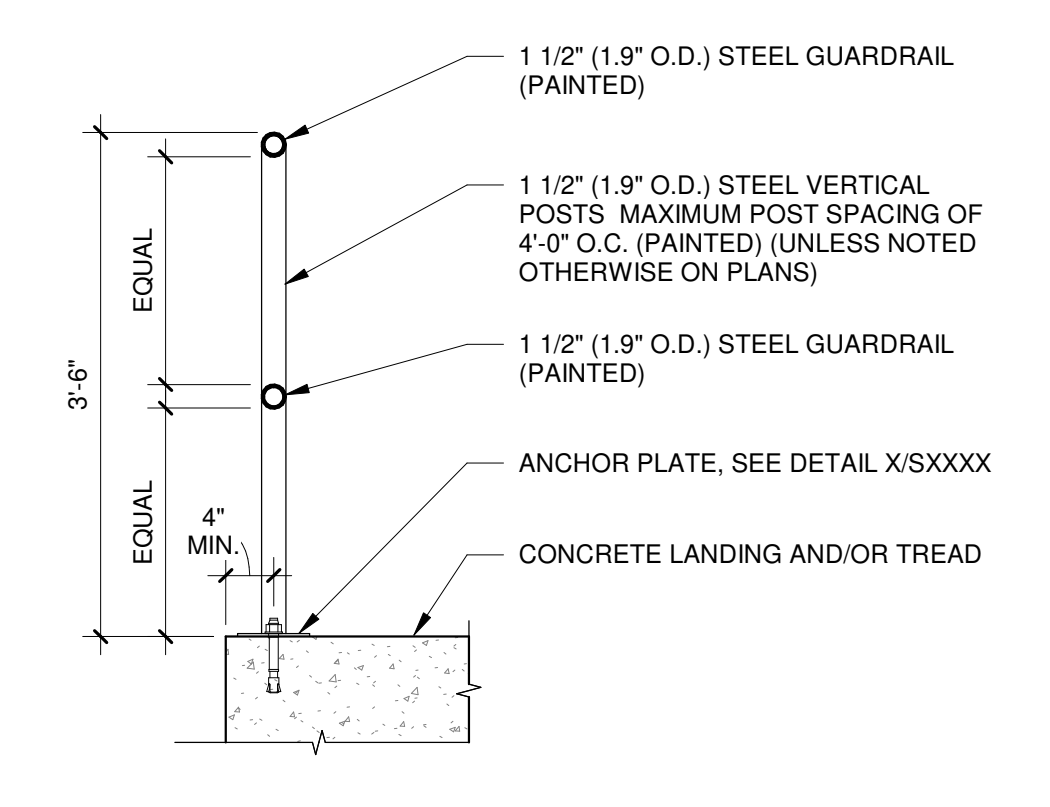
19 PARAPET DETAIL
1 1/2" = 1'-0"



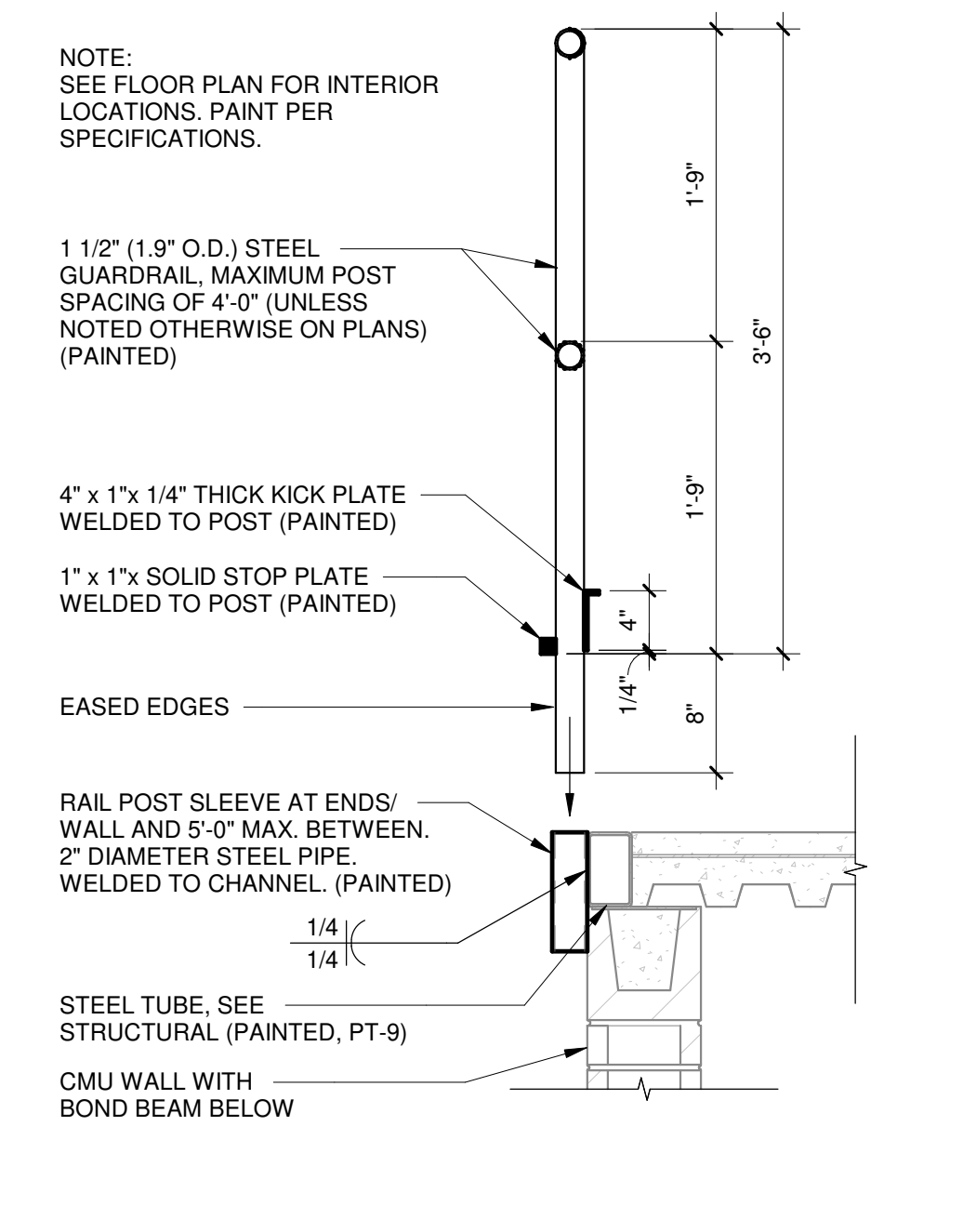
20 PARAPET DETAIL
1 1/2" = 1'-0"



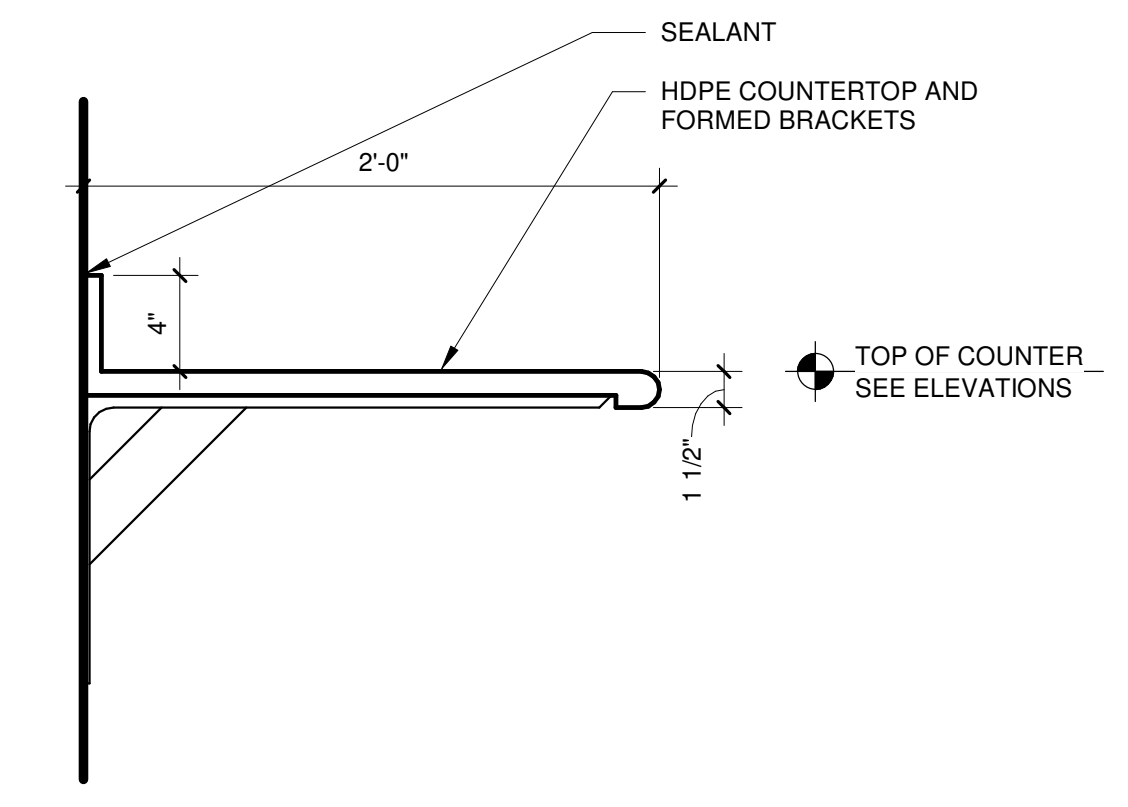
15 PARTIAL WALL SECTION
3/4" = 1'-0"



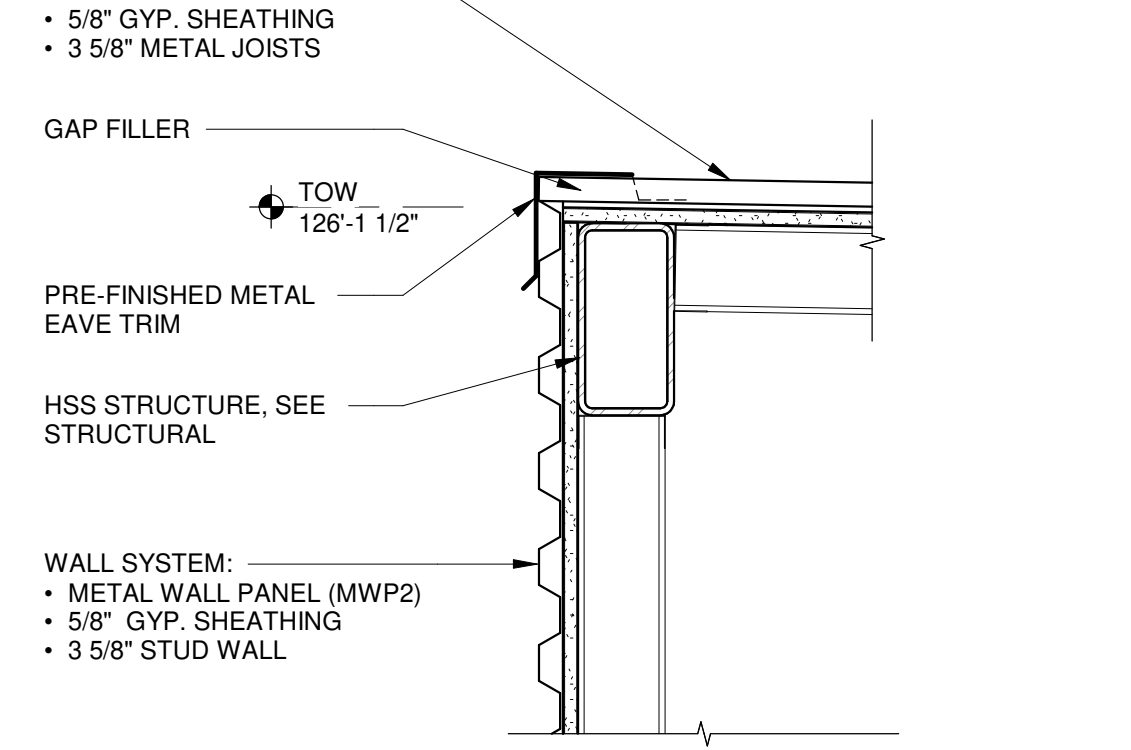
16 GUARDRAIL SECTION - 2 RAIL
3/4" = 1'-0"



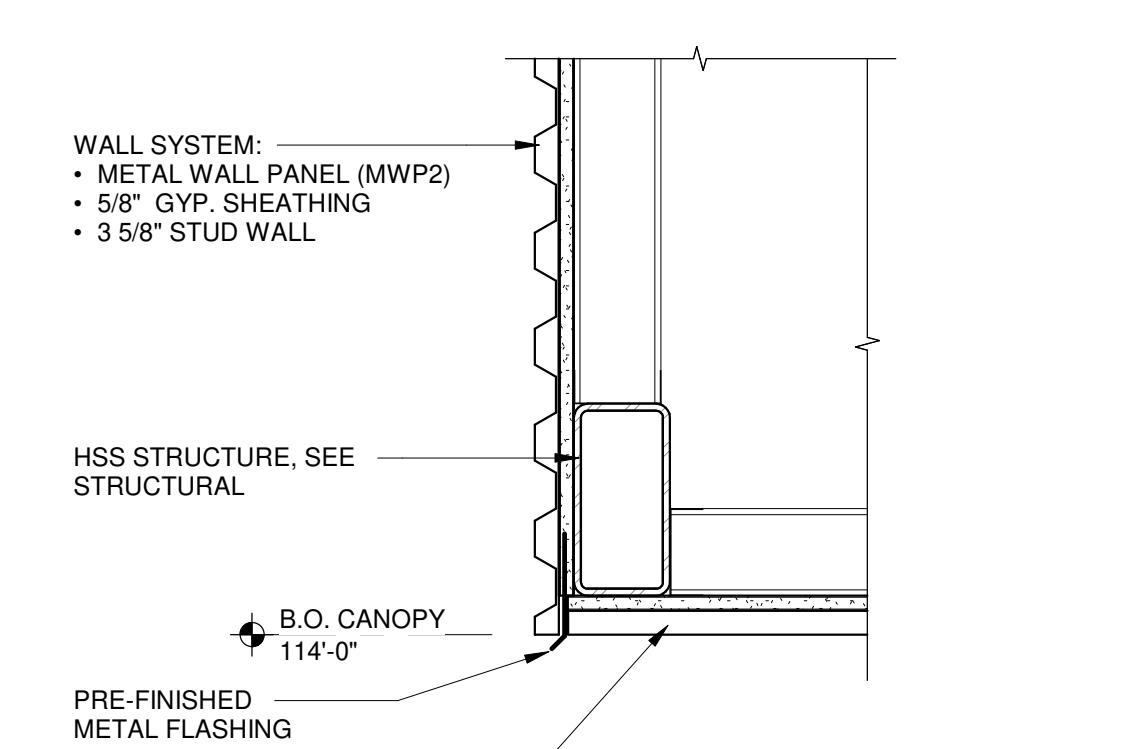
17 REMOVABLE RAILING
1" = 1'-0"



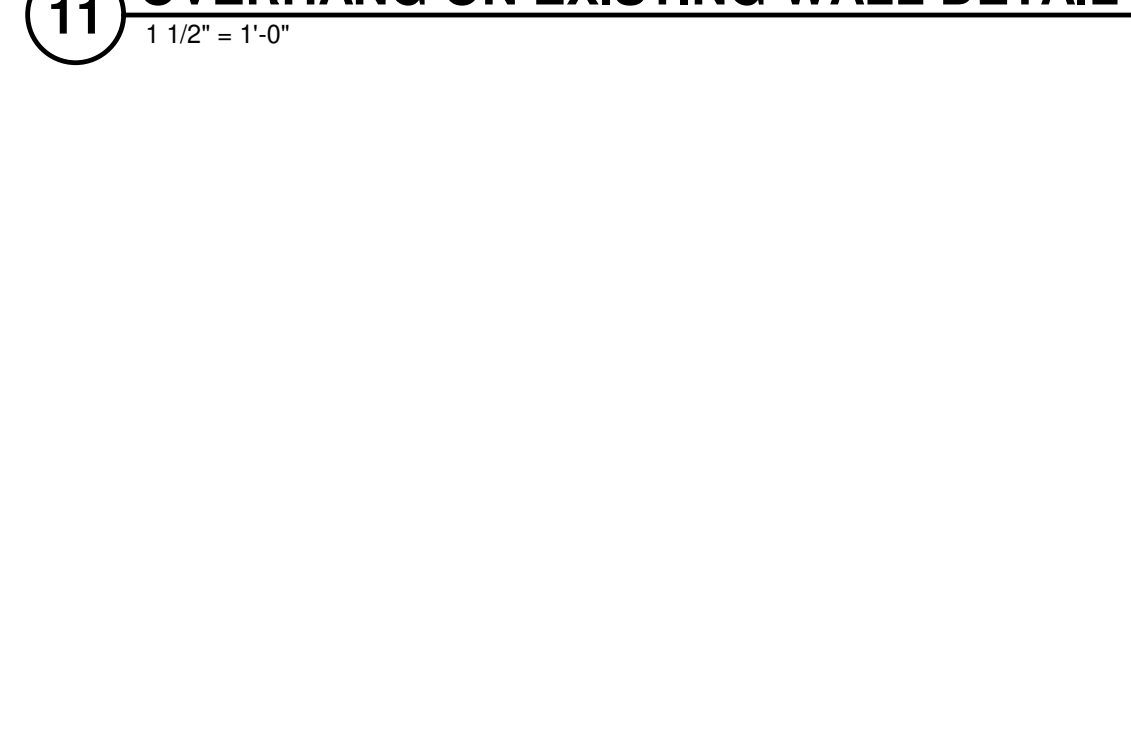
18 COUNTERTOP DETAIL
1 1/2" = 1'-0"



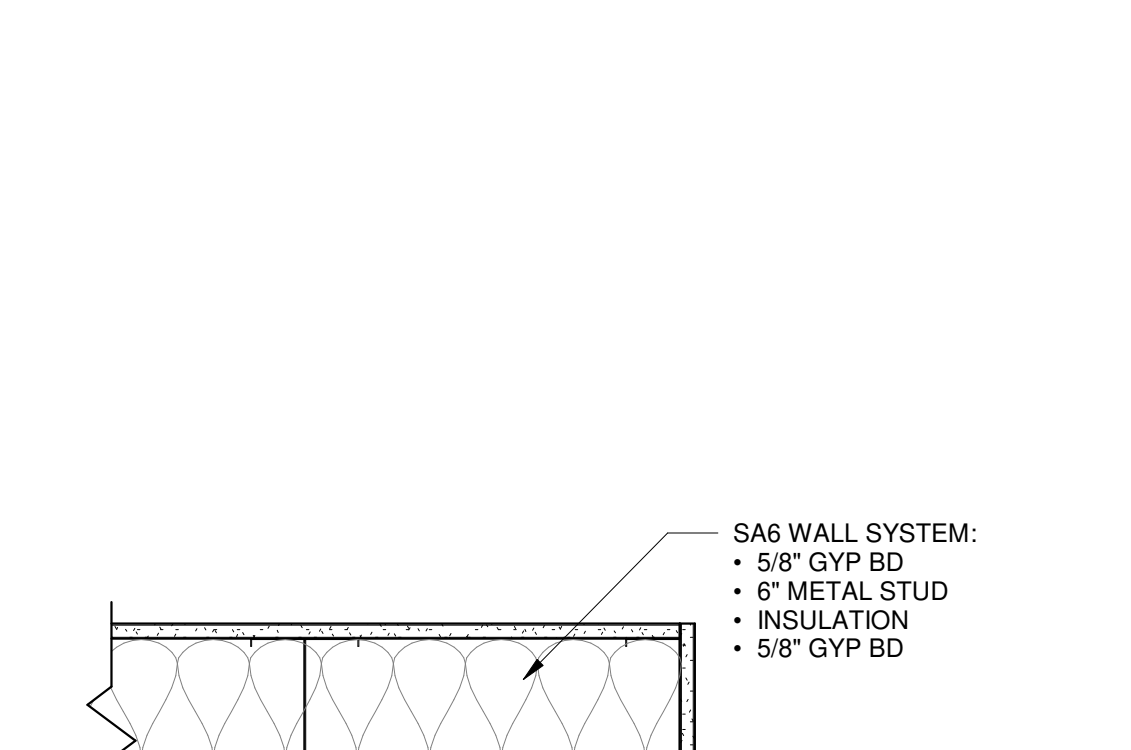
10 OVERHANG ON EXISTING WALL DETAIL
1 1/2" = 1'-0"



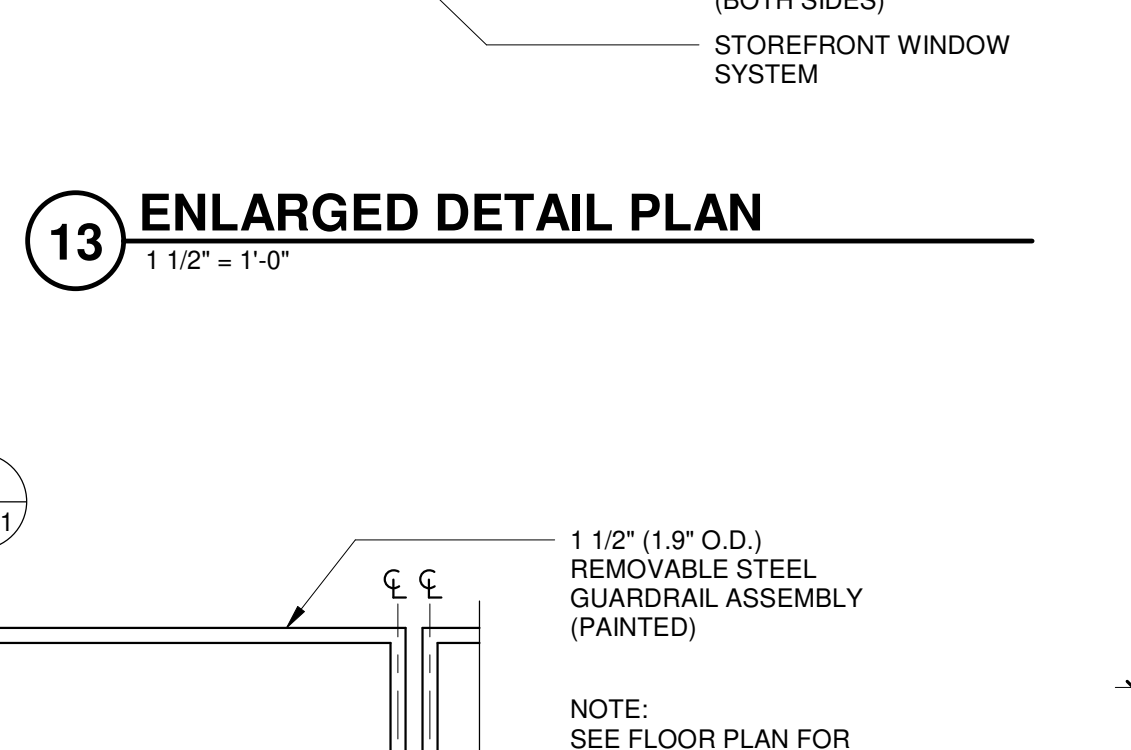
11 OVERHANG ON EXISTING WALL DETAIL
1 1/2" = 1'-0"



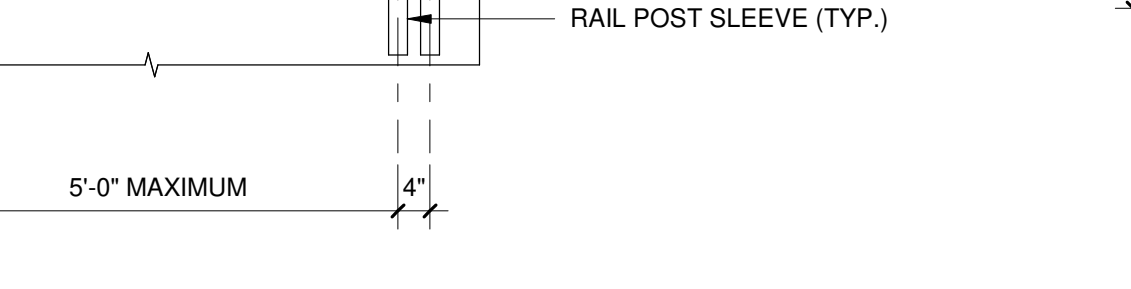
6 OVERHANG ON EXISTING WALL DETAIL
1 1/2" = 1'-0"



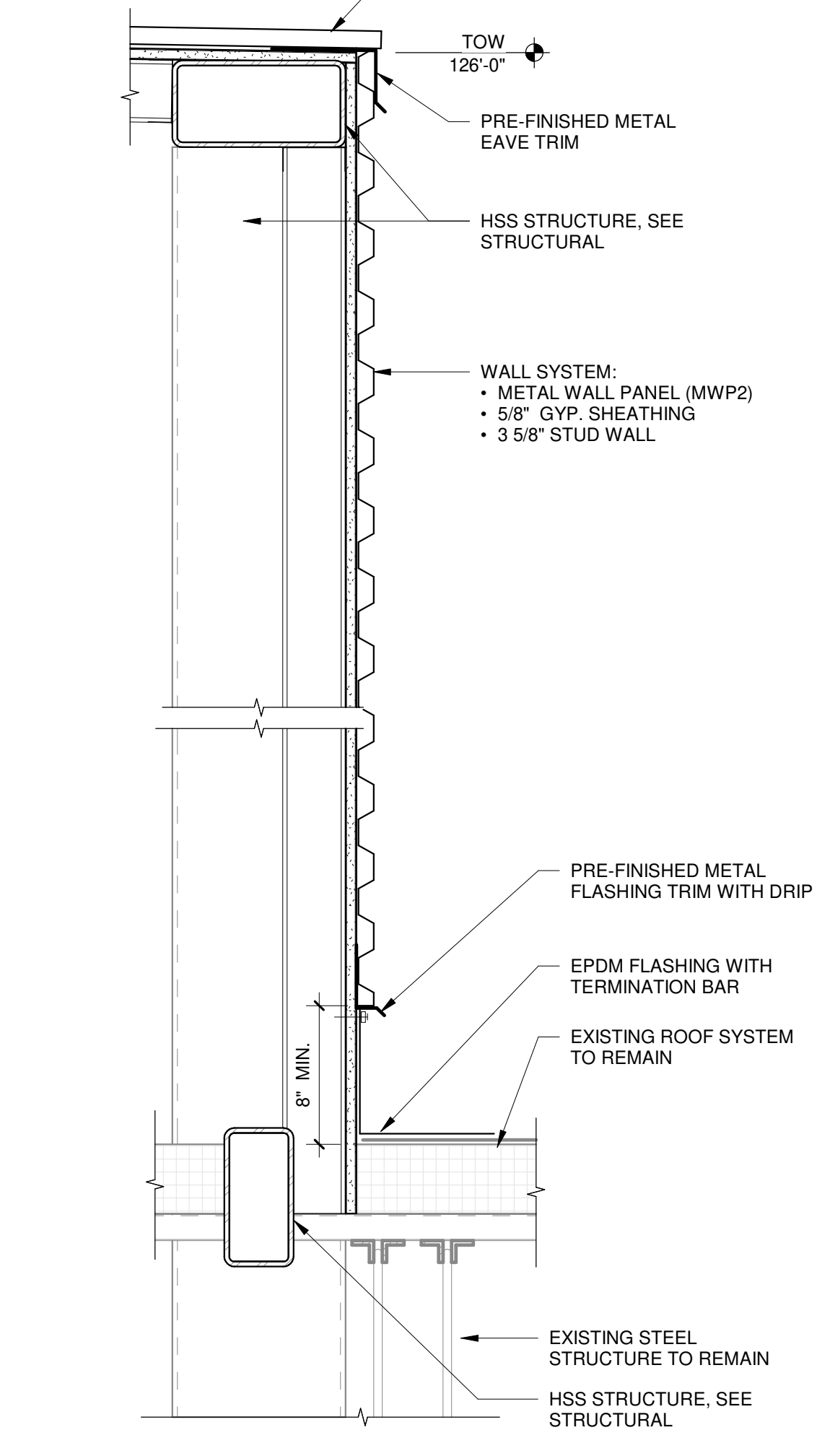
7 OVERHANG ON EXISTING WALL DETAIL
1 1/2" = 1'-0"



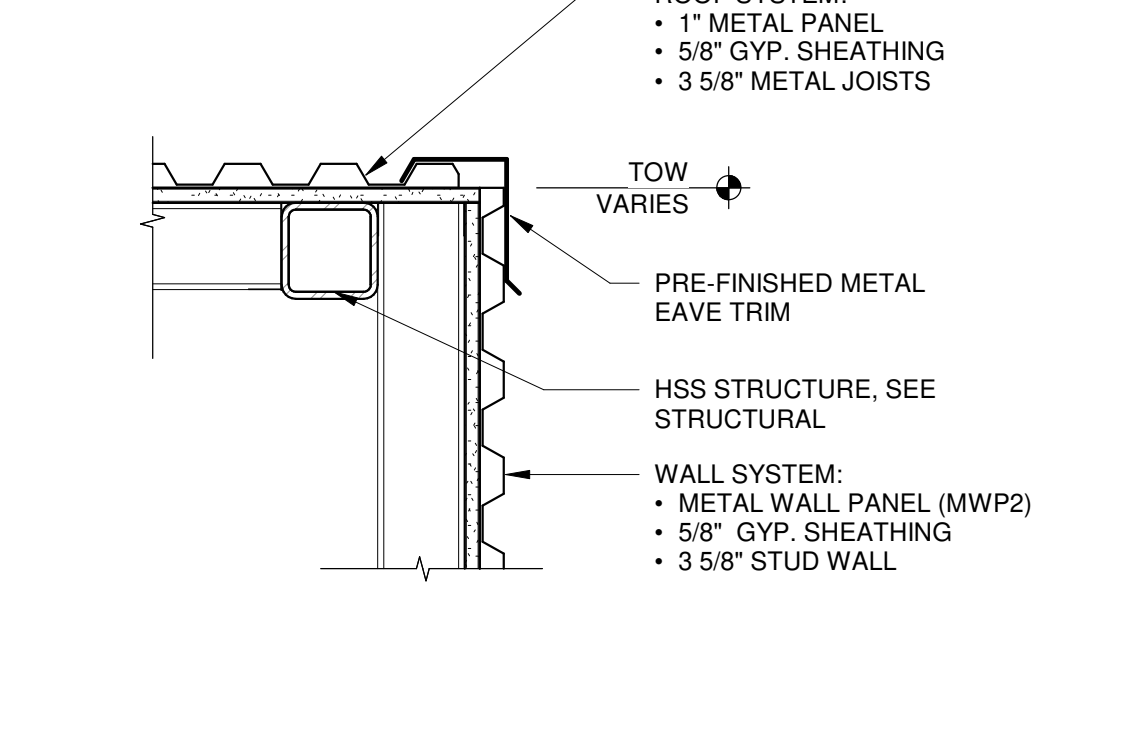
13 ENLARGED DETAIL PLAN
1 1/2" = 1'-0"



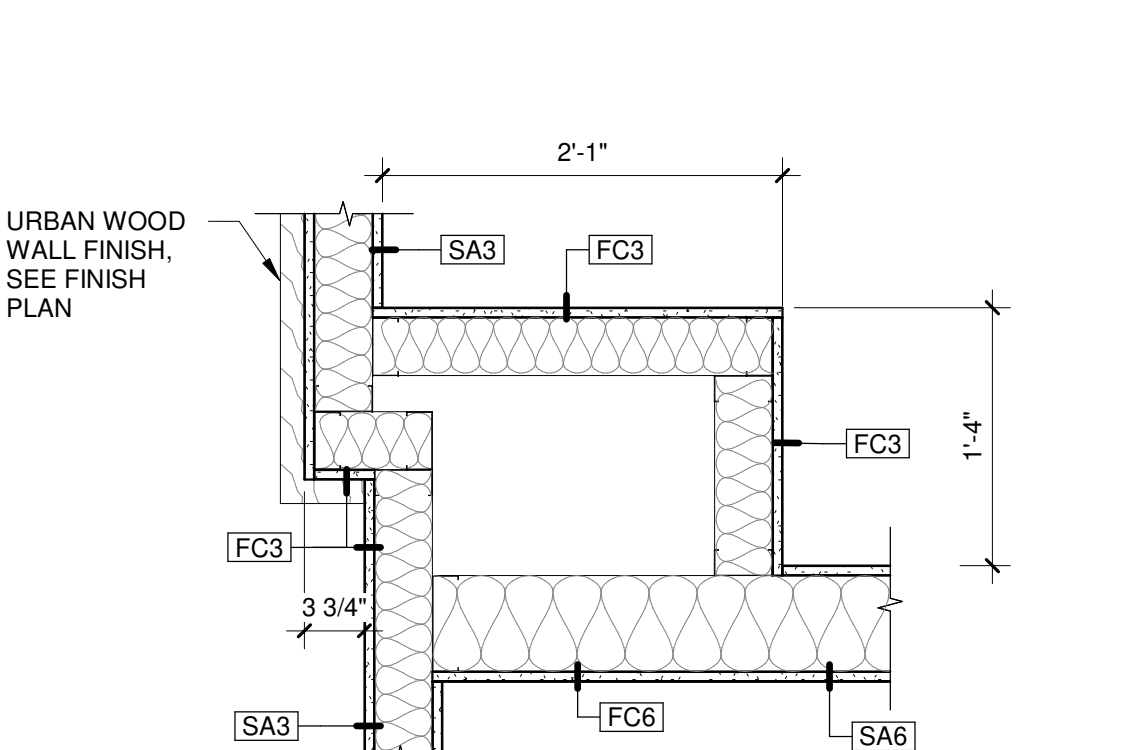
14 REMOVABLE GUARDRAIL ELEVATION
1/2" = 1'-0"



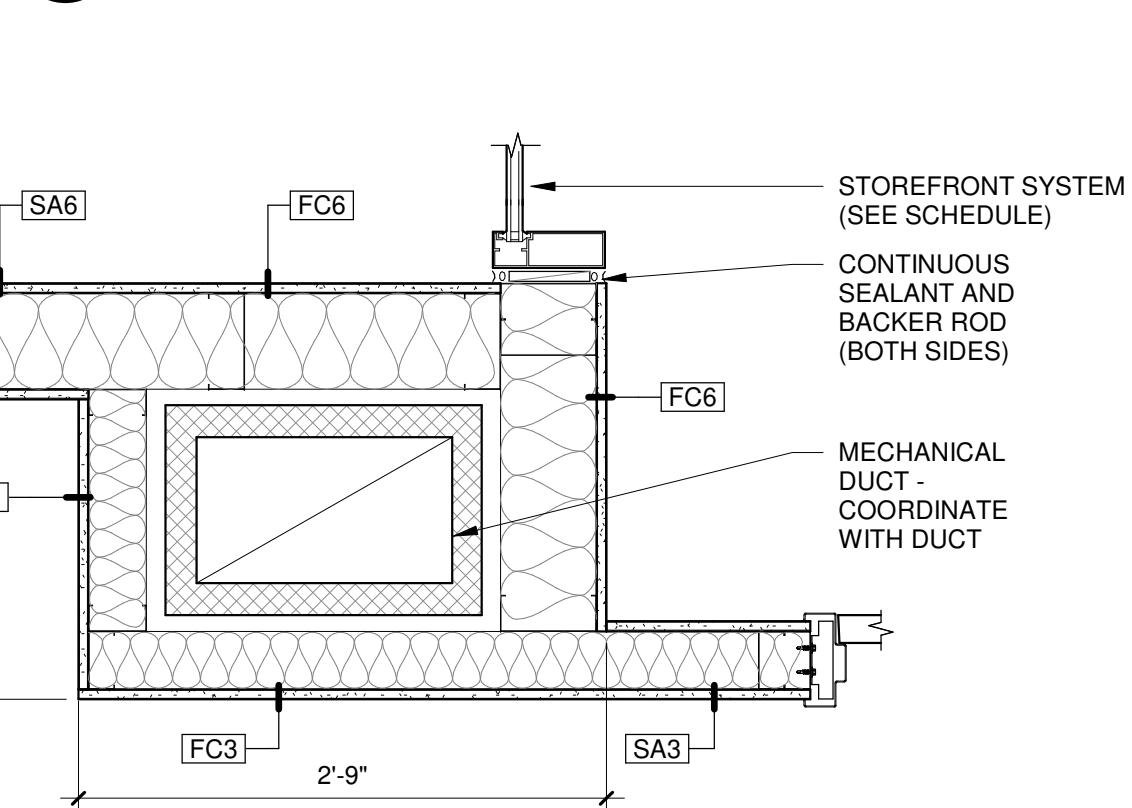
8 OVERHANG ON EXISTING WALL DETAIL
1" = 1'-0"



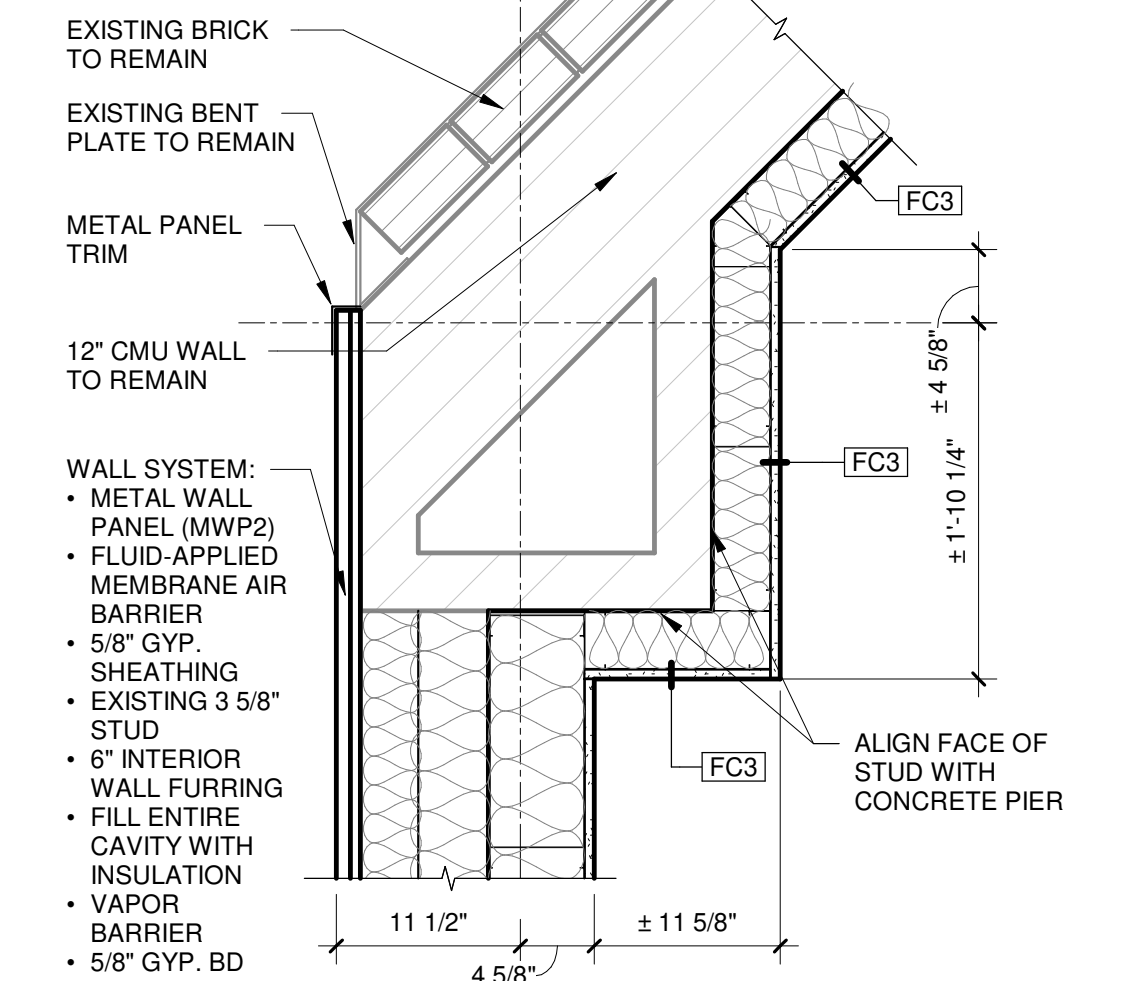
7 OVERHANG ON EXISTING WALL DETAIL
1 1/2" = 1'-0"



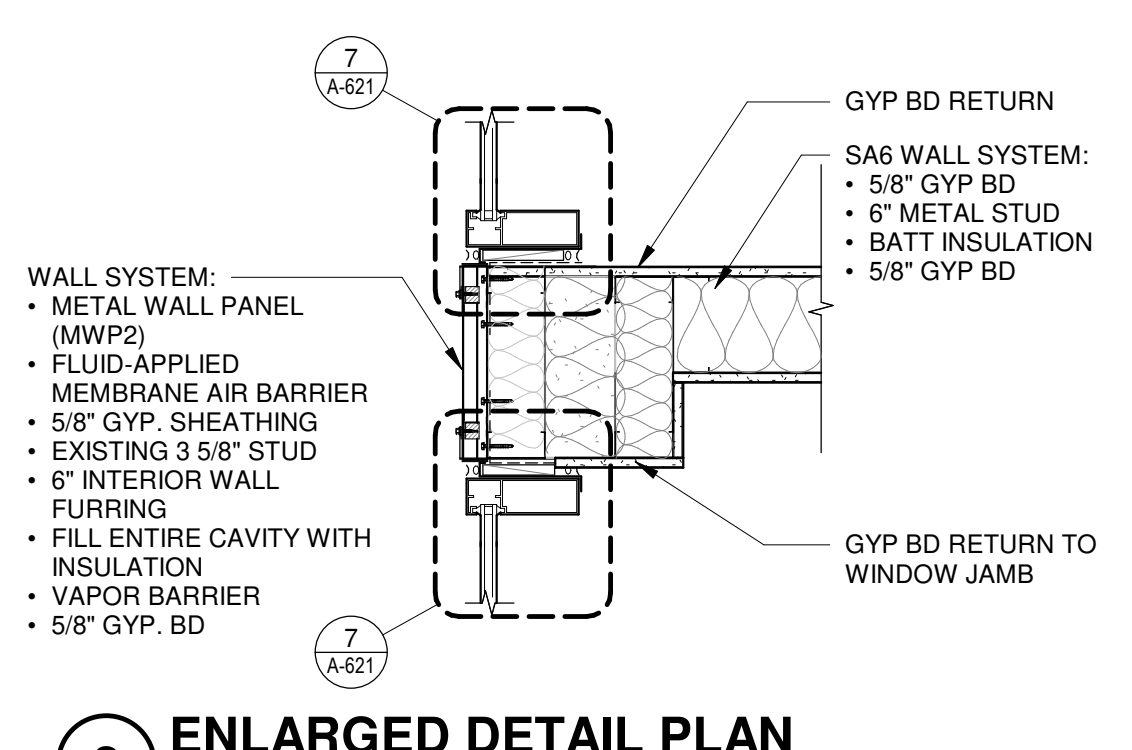
8 ENLARGED DETAIL PLAN
1" = 1'-0"



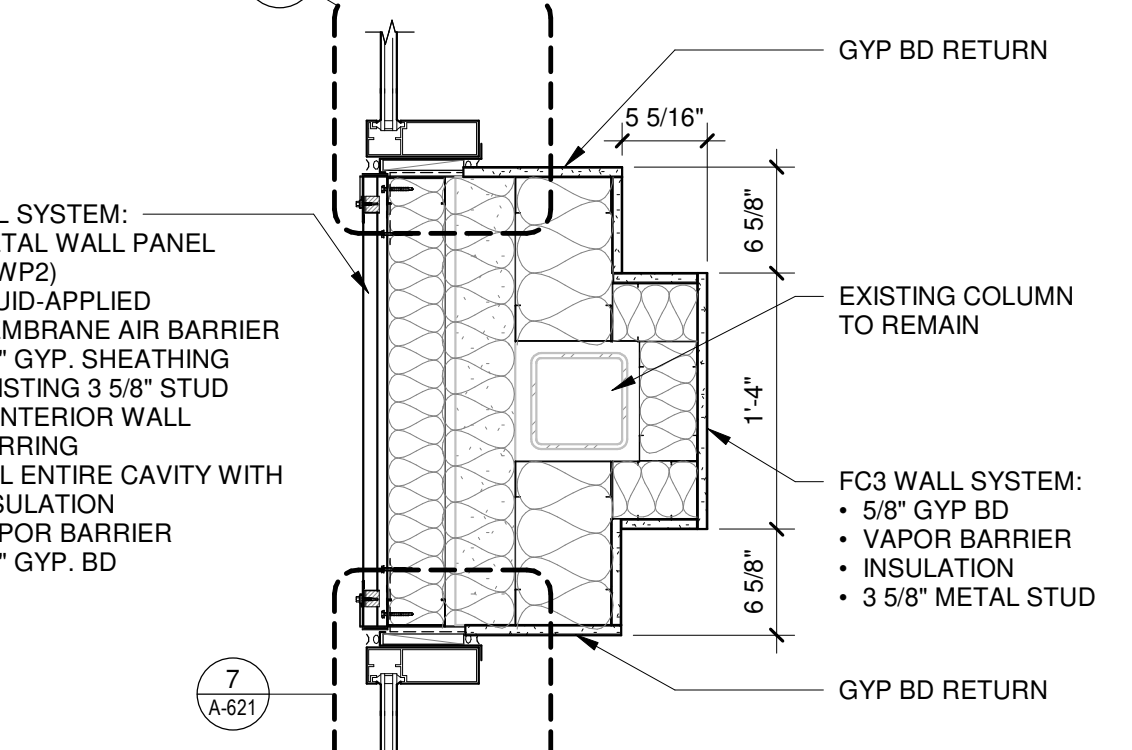
9 ENLARGED DETAIL PLAN
1" = 1'-0"



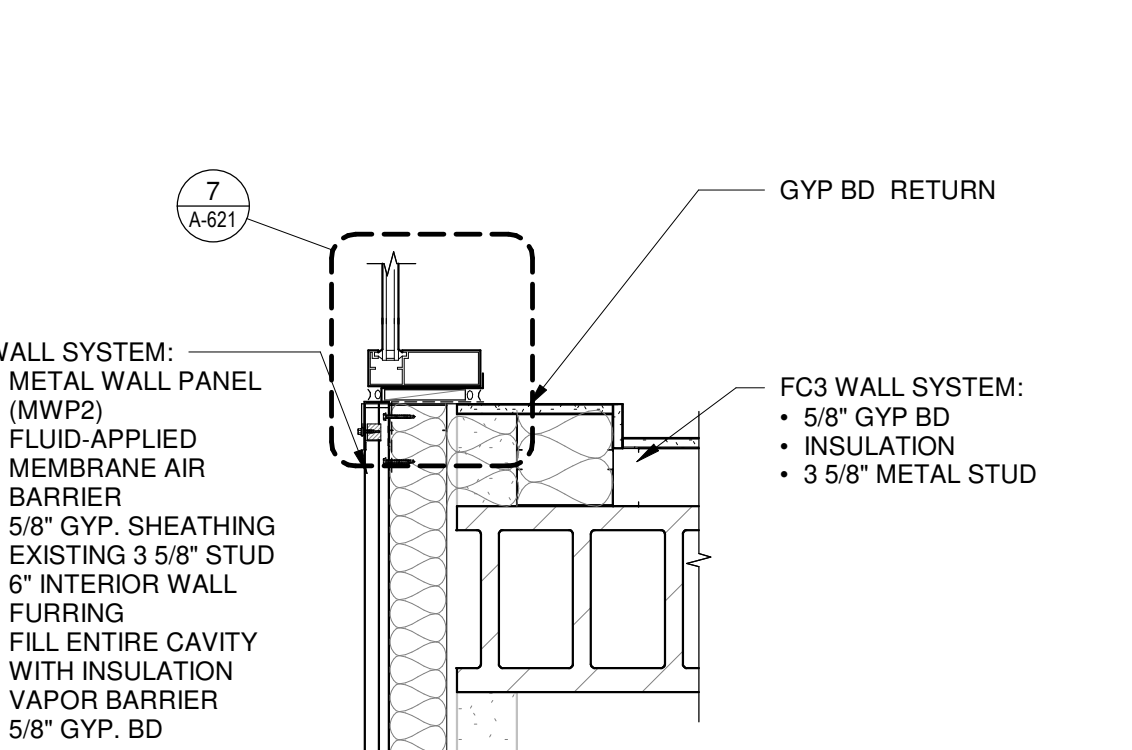
1 ENLARGED PLAN DETAIL
1" = 1'-0"



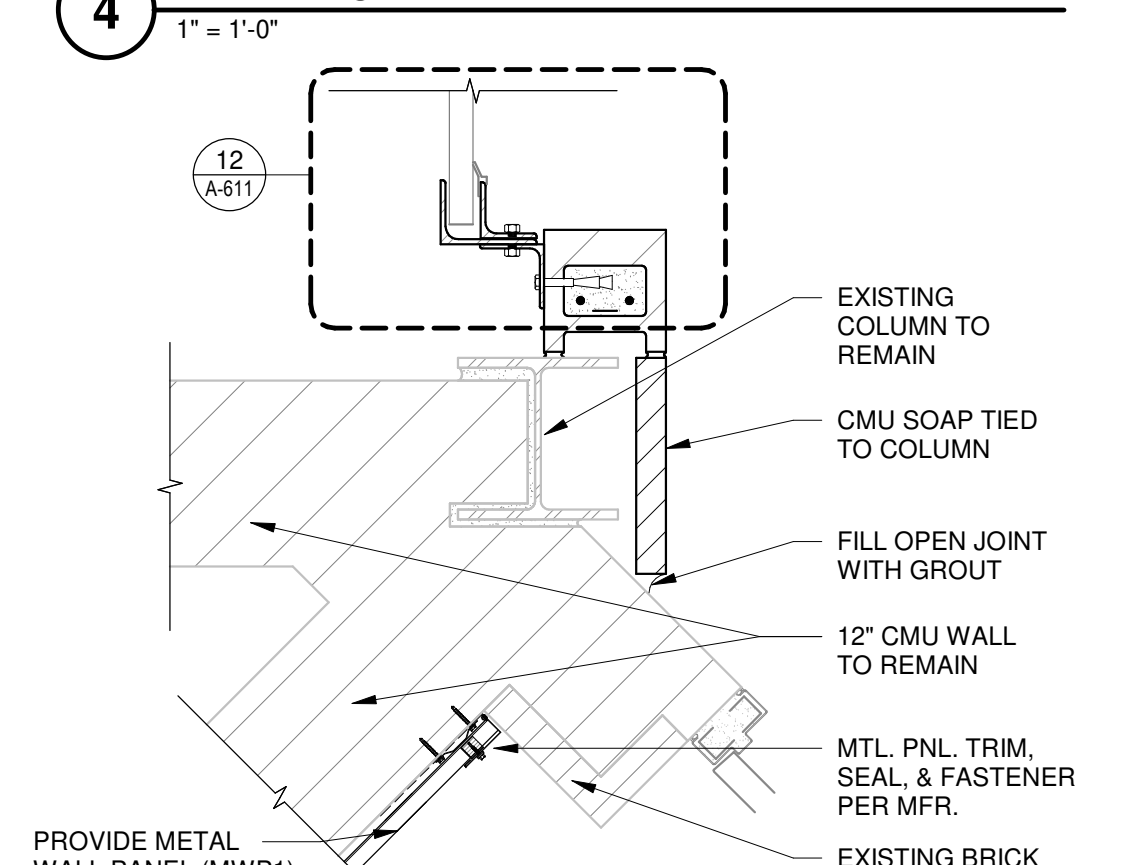
2 ENLARGED DETAIL PLAN
1" = 1'-0"



3 ENLARGED DETAIL PLAN
1" = 1'-0"



4 ENLARGED DETAIL PLAN
1" = 1'-0"



5 ENLARGED DETAIL PLAN
1" = 1'-0"



DOOR AND HARDWARE SCHEDULE

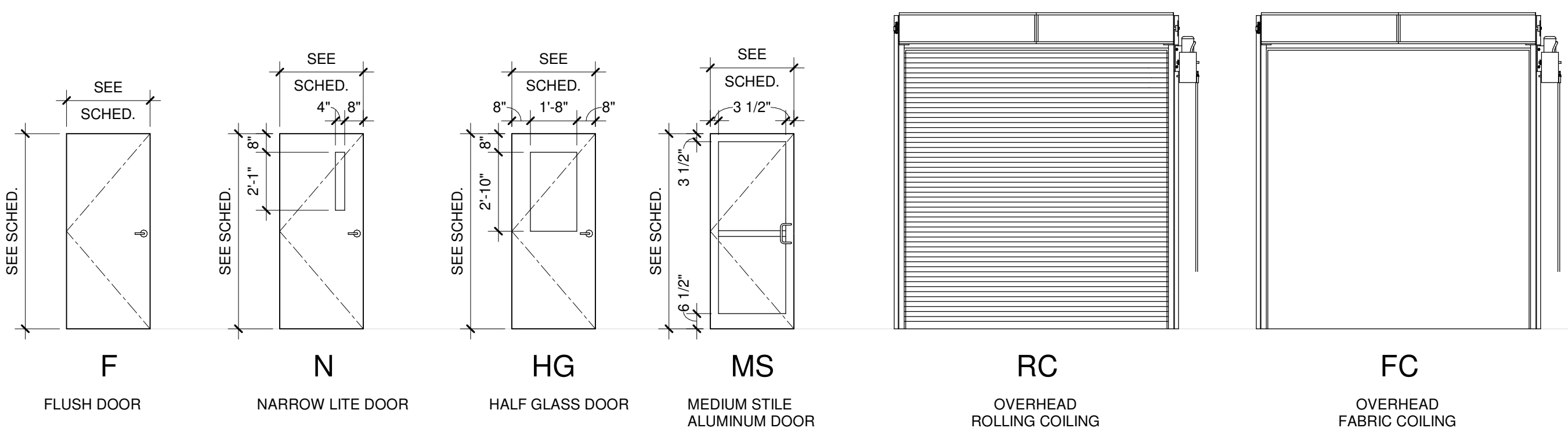
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		LEAF SIZE		TYPE	MAT'L	GLAZING TYPE	FINISH	TYPE	DETAILS		FINISH	LABEL	HWR SET				
		WIDTH	HEIGHT						HEAD	JAMB				OTHER			
1101A	(1)	3'-4"	8'-0"	MS	AL	GL	AN	W3	AL	22A-611	22A-611 SIM	27A-611	AN			2.0	
1101B	(1)	3'-4"	8'-0"	MS	AL	GL	AN	W3	AL	22A-611	22A-611 SIM	27A-611	AN			1.0	
1101C	(1)	3'-4"	8'-0"	MS	AL	GL	AN	W4	AL	22A-611	22A-611 SIM	27A-611	AN			4.0	
1101D	(1)	3'-0"	8'-0"	MS	AL	GL	AN	W4	AL	22A-611	22A-611 SIM	27A-611	AN			3.0	
1104A	(1)	3'-0"	7'-0"	HG	WD	GL	ST	F1	HM	1A-611	2A-611		PT			7.0	
1104B	(1)	3'-0"	7'-0"	HG	WD	GL	ST	F1	HM	1A-611	2A-611		PT			7.0	
1104C	(1)	3'-0"	7'-0"	F	WD	GL	ST	F2	HM	18A-611	19A-611		PT			8.0	
1105	(1)	3'-0"	7'-0"	N	HM		PT	F1	HM	1A-611	2A-611		PT			11.0	
1107A	(1)	3'-0"	7'-0"	N	HM	GL	PT	F2	HM	16A-611	17A-611		PT	60 MIN		11.1	
1107B	(1)	3'-0"	7'-0"	N	WD	GL	ST	F1	HM	1A-611	2A-611		PT			8.0	
1108	(1)	3'-0"	7'-0"	F	WD		ST	F4	HM	1A-611	2A-611	10A-611	PT			11.0	
1109	(1)	3'-0"	6'-8"	F	WD		ST	F1	HM	14A-611	15A-611		PT			10.0	1
1112	(2)	3'-0"	7'-0"	N	HM	GL	PT	F1	HM	1A-611	2A-611		PT	60 MIN		9.0	
1117	(1)	3'-0"	7'-0"	F	WD		ST	F3	HM	1A-611	2A-611	10A-611	PT			11.0	
1118	(1)	3'-0"	7'-0"	F	WD		ST	F1	HM	1A-611	2A-611		PT			10.0	
1119	(1)	3'-0"	7'-0"	F	WD		ST	F1	HM	1A-611	2A-611		PT			10.0	
1120A	(2)	3'-0"	7'-0"	N	HM	GL	PT	F1	HM	1A-611	2A-611		PT	60 MIN		9.0	
1120B	(2)	3'-0"	7'-0"	N	HM	GL	PT	F1	HM	1A-611	2A-611		PT	60 MIN		9.0	
1221A	(1)	3'-4"	7'-0"	HG	HM		PT	F1	HM	25A-611	26A-611	27A-611	PT			6.0	
1228	(1)	3'-0"	7'-0"	HG	HM		PT	F2	HM	3A-611	4A-611		PT			11.0	
1229	(1)	3'-0"	7'-0"	F	HM		PT	F2	HM	3A-611	4A-611		PT			11.0	
1230A	-	10'-0"	10'-0"	RC	STL		PT	-	STL	3A-611	6A-611		-			16.0	
1230B	(1)	3'-0"	7'-0"	F	HM	GL	PT	F2	HM	7A-611	8A-611	27A-611	PT			5.0	
1231	(1)	3'-0"	7'-0"	F	HM		PT	F2	HM	3A-611	4A-611		PT			11.0	
1232A	(1)	3'-8"	7'-0"	HG	HM	GL	PT	F2	HM	3A-611	4A-611		PT			10.0	
1232B	-	10'-0"	8'-0"	RC	STL		PT	-	STL	11A-611	12A-611		-			16.0	
1232C	(1)	3'-0"	7'-0"	HG	HM	GL	PT	F2	HM	7A-611	8A-611	27A-611	PT			5.0	
1232D	-	8'-0"	8'-0"	RC	STL		PT	-	STL	5A-611	6A-611		-			16.0	
1235	(1)	3'-4"	6'-8"	F	HM	GL	PT	F1	HM	3A-611	4A-611		PT	60 MIN		11.1	1
1236	(1)	3'-0"	7'-0"	F	HM		PT	F2	HM	3A-611	4A-611		PT	60 MIN		8.0	
1238A	(1)	3'-0"	6'-8"	HG	HM		PT	F2	HM	3A-611	4A-611		PT			11.0	
1238B	(1)	3'-8"	7'-0"	HG	HM	GL	PT	F2	HM	3A-611	4A-611		PT			11.0	
1238C	-	6'-8"	7'-0"	FC	FAB		PT	-	STL	11A-611	12A-611		-			16.0	
1238D	-	8'-0"	4'-6"	RC	STL		PT	-	STL	23A-611	12A-611	24A-611	-			16.0	
1302	(1)	3'-0"	7'-0"	F	HM		PT	F2	HM	3A-611	4A-611		PT			14.0	
1303	(1)	3'-0"	7'-0"	F	HM		PT	F2	HM	3A-611	4A-611		PT			14.0	
1305	(2)	2'-8"	6'-8"	F	FRP		-	F2	AL	28A-611	29A-611		AN			15.0	1
1306	(2)	2'-8"	6'-8"	F	FRP		-	F2	AL	28A-611	29A-611		AN			15.0	1
1309A	-	16'-0"	11'-8"	RC	STL		PT	-	STL	11A-611	12A-611		-			16.0	
1309B	(1)	3'-0"	7'-0"	HG	HM	GL	PT	F2	HM	3A-611	4A-611		PT			10.0	
1309C	-	16'-0"	11'-8"	RC	STL		PT	-	STL	11A-611	12A-611		-			16.0	
1309D	(1)	3'-4"	7'-0"	HG	HM	GL	PT	F2	HM	3A-611	4A-611		PT			10.0	
1310E	-	14'-0"	11'-8"	RC	STL		PT	-	STL	11A-611	12A-611		-			16.0	
1311A	(1)	3'-0"	7'-0"	HG	HM	GL	PT	F2	HM	3A-611	4A-611		PT			10.0	
1311B	-	16'-0"	11'-8"	RC	STL		PT	-	STL	11A-611	12A-611		-			16.0	
1701	(1)	3'-0"	7'-0"	F	HM		PT	F1	HM	1A-611	2A-611		PT			11.0	
2121	(1)	3'-0"	7'-0"	F	HM		PT	F2	HM	1A-611	2A-611		PT			11.0	
2201	(2)	3'-4"	7'-0"	F	HM		PT	F1	HM	20A-611	21A-611		-			13.0	
2301	(1)	3'-0"	7'-0"	F	HM		PT	F2	HM	1A-611	2A-611		PT			11.0	
2303	(2)	3'-0"	7'-0"	F	HM		PT	F1	HM	1A-611	2A-611		PT			15.1	
2305A	(2)	3'-0"	7'-0"	F	HM		PT	F2	HM	1A-611	2A-611		PT			15.1	
2305B	-	8'-0"	8'-0"	RC	STL		PT	-	STL	11A-611	12A-611		-			16.0	
2306	(2)	3'-0"	7'-0"	F	HM		PT	F2	HM	1A-611	2A-611		PT			15.1	
E134	(1)	3'-0"	7'-0"	F	HM		PT	F2	HM	18A-611	17A-611		PT			12.0	

DOOR AND HARDWARE SCHEDULE ABBREVIATIONS

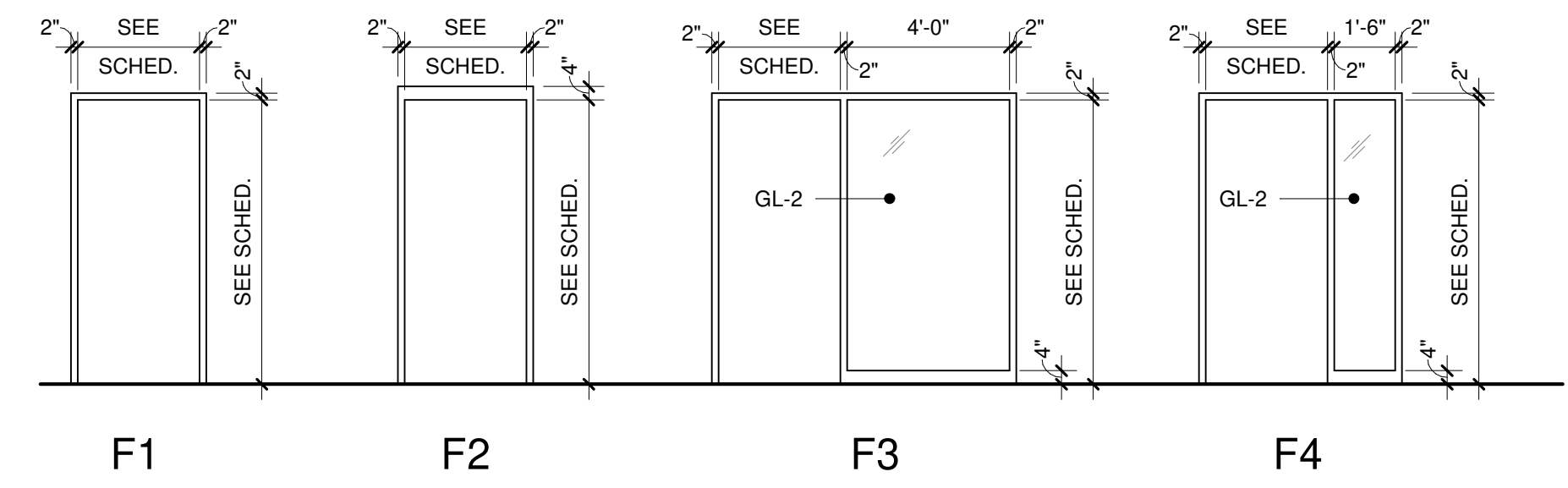
DOOR/FRAME MATERIALS
 AL = ALUMINUM
 AN = ANODIZED
 EX = EXISTING
 FAB = FABRIC
 FRP = FIBERGLASS REINFORCED PLASTIC
 GL = GLASS
 HM = HOLLOW METAL
 PT = PAINT
 ST = STAIN
 STL = STEEL
 WD = WOOD

DOOR AND HARDWARE SCHEDULE GENERAL NOTES

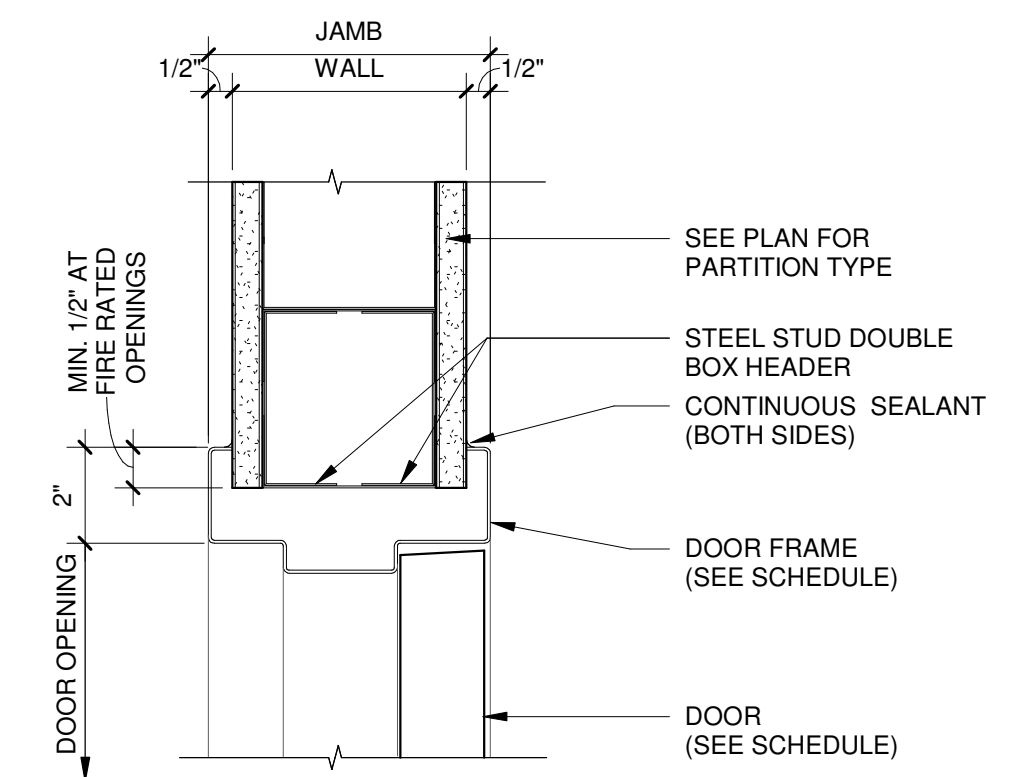
1. NEW DOOR AND FRAME IN EXISTING OPENING



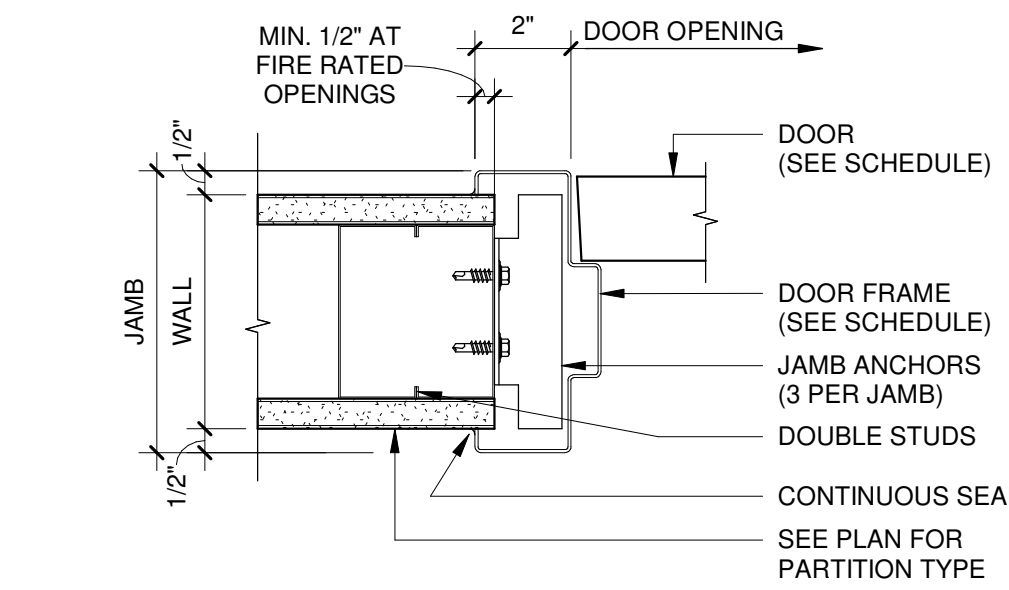
DOOR TYPES



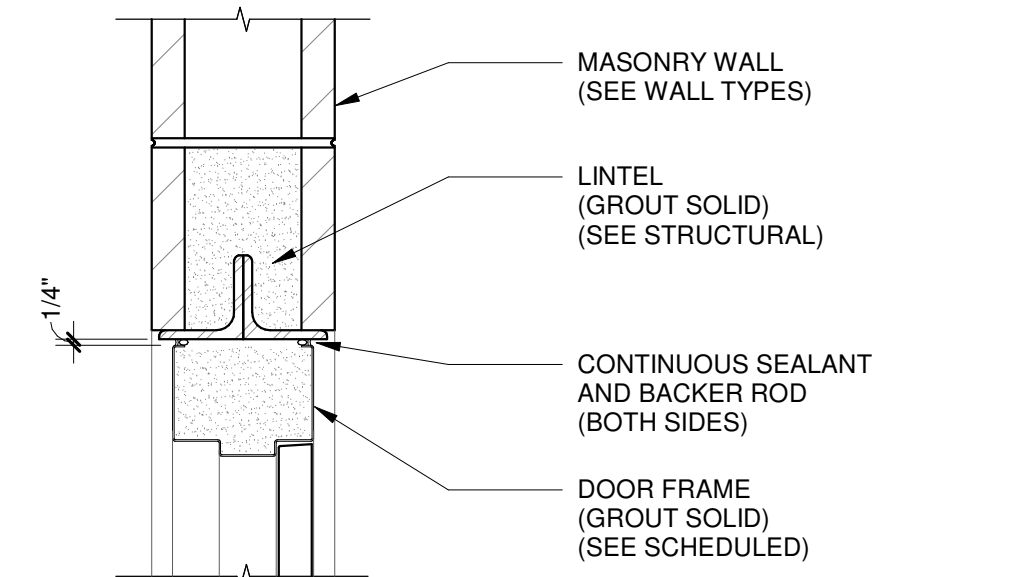
FRAME TYPES



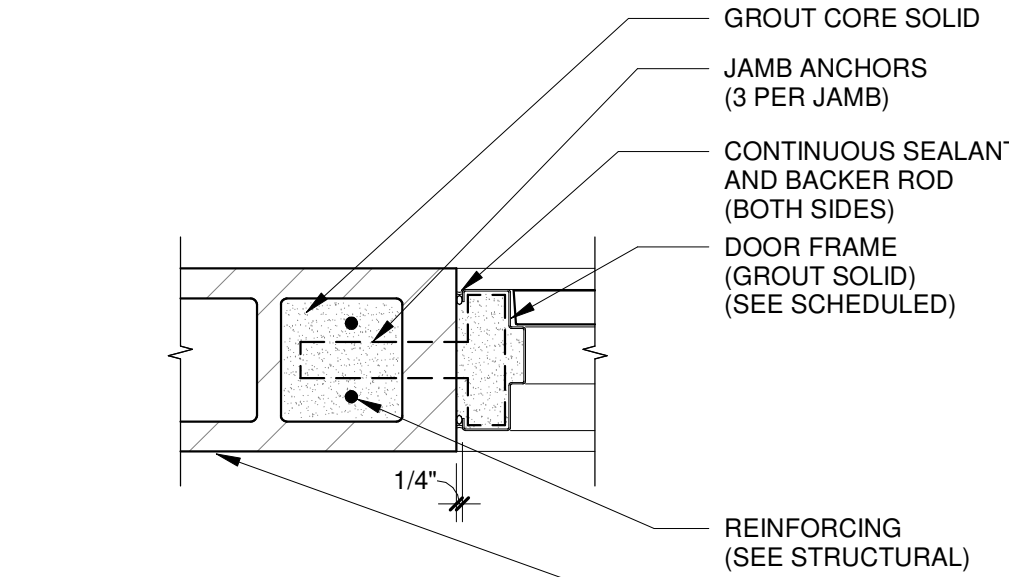
1 HOLLOW METAL DOOR HEAD DETAIL
3\"/>



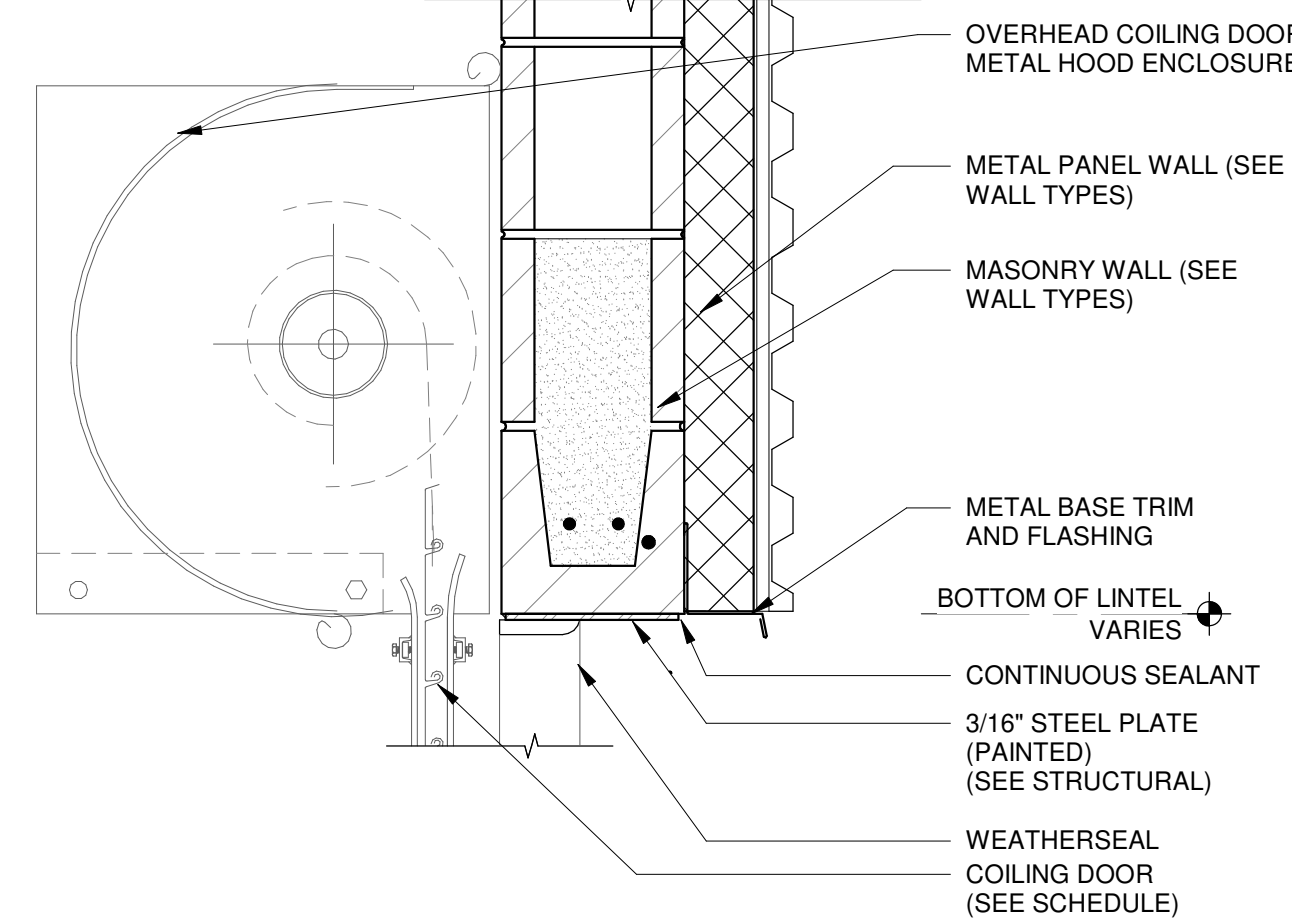
2 HOLLOW METAL DOOR JAMB DETAIL
3\"/>



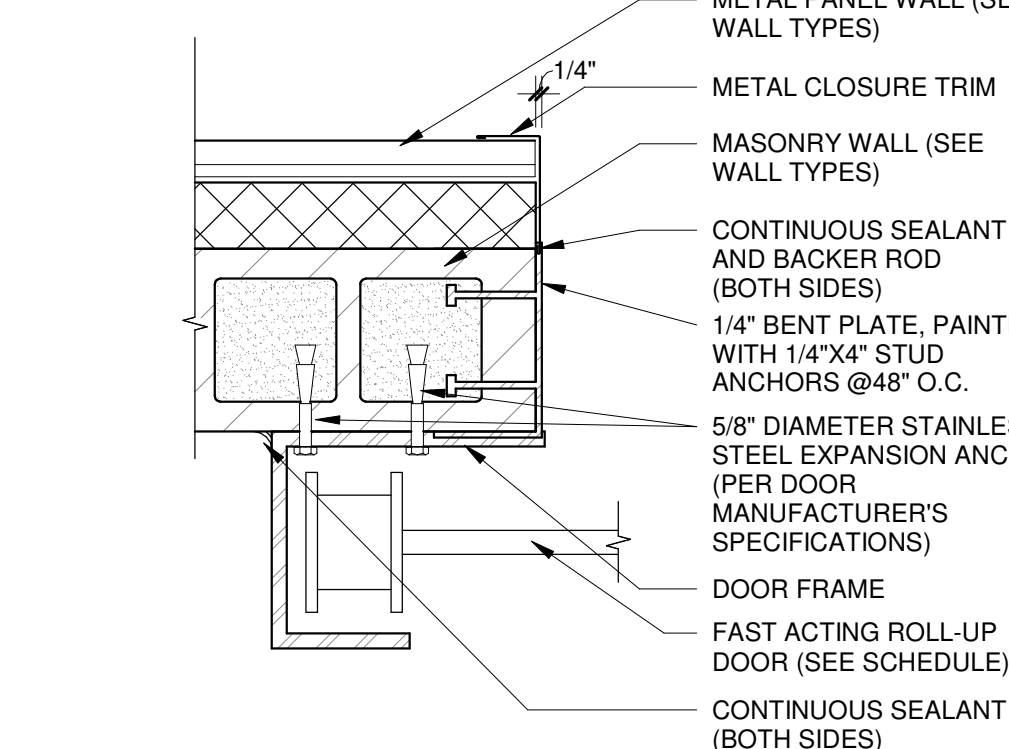
3 HOLLOW METAL DOOR HEAD DETAIL
1 1/2\"/>



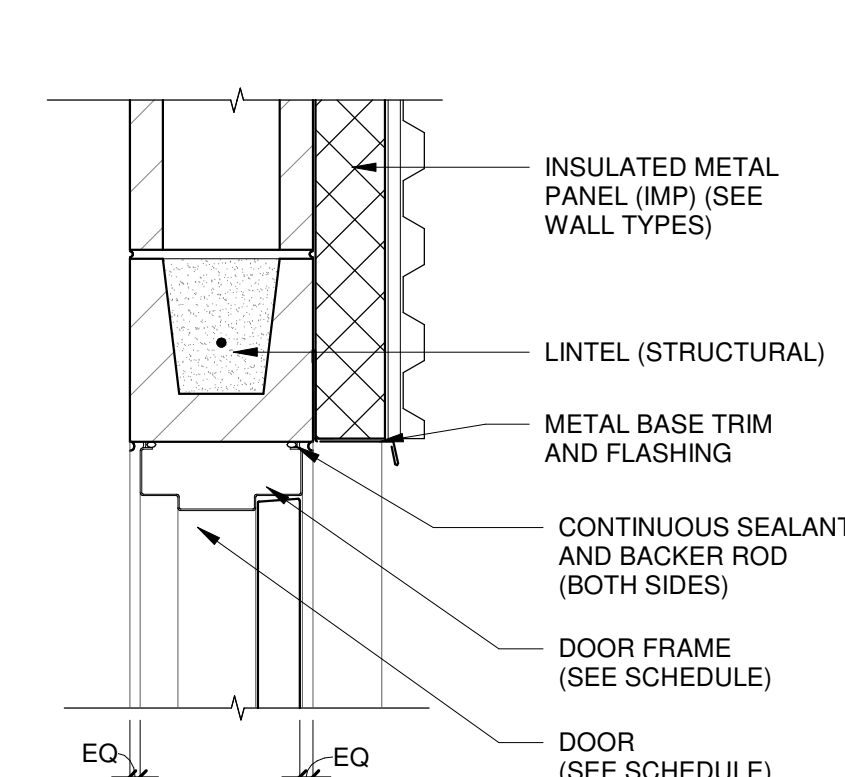
4 HOLLOW METAL DOOR JAMB DETAIL
1 1/2\"/>



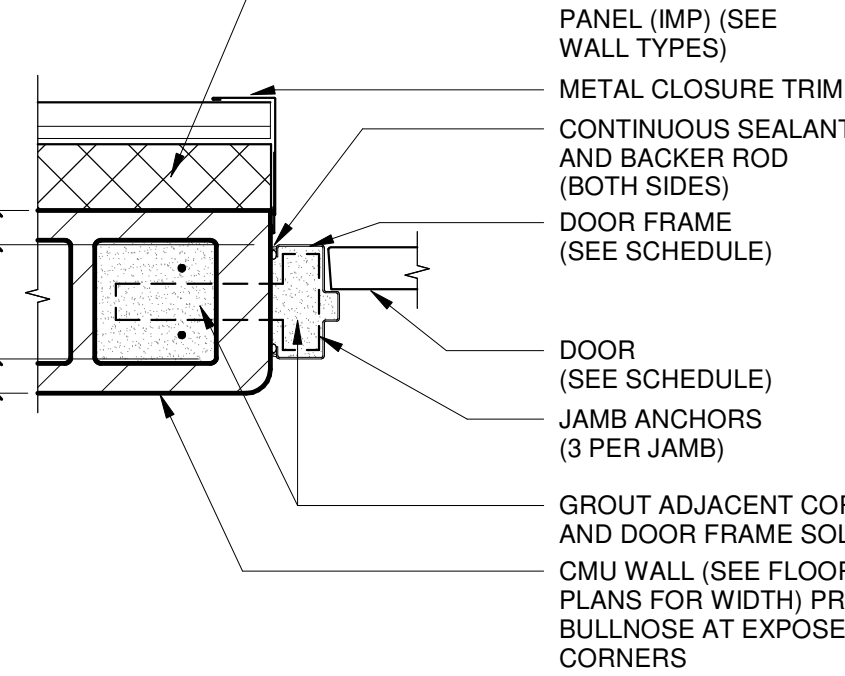
5 ROLLING COILING DOOR HEAD DETAIL
1 1/2\"/>



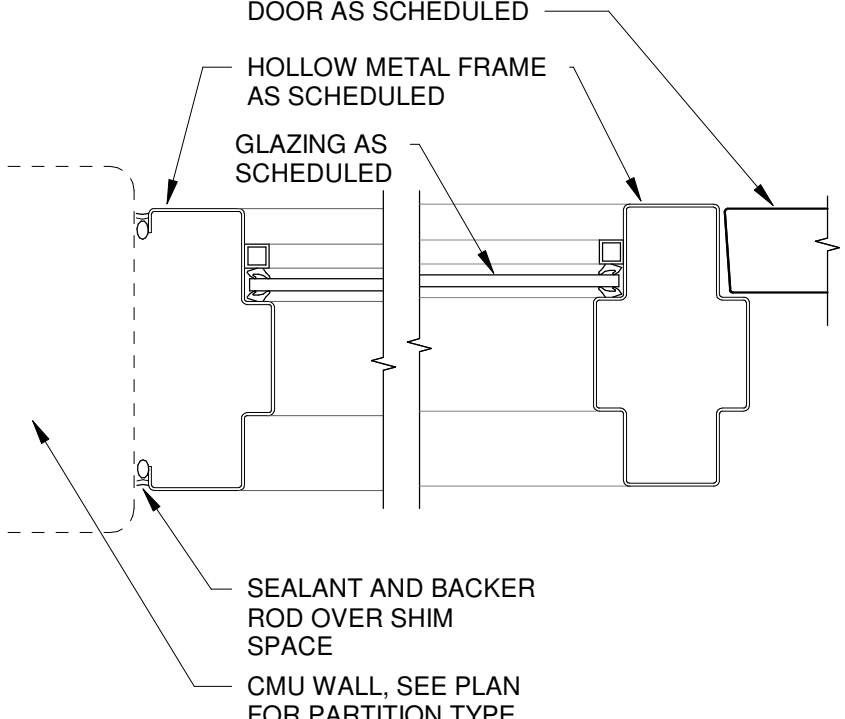
6 ROLLING COILING DOOR JAMB DETAIL
1 1/2\"/>



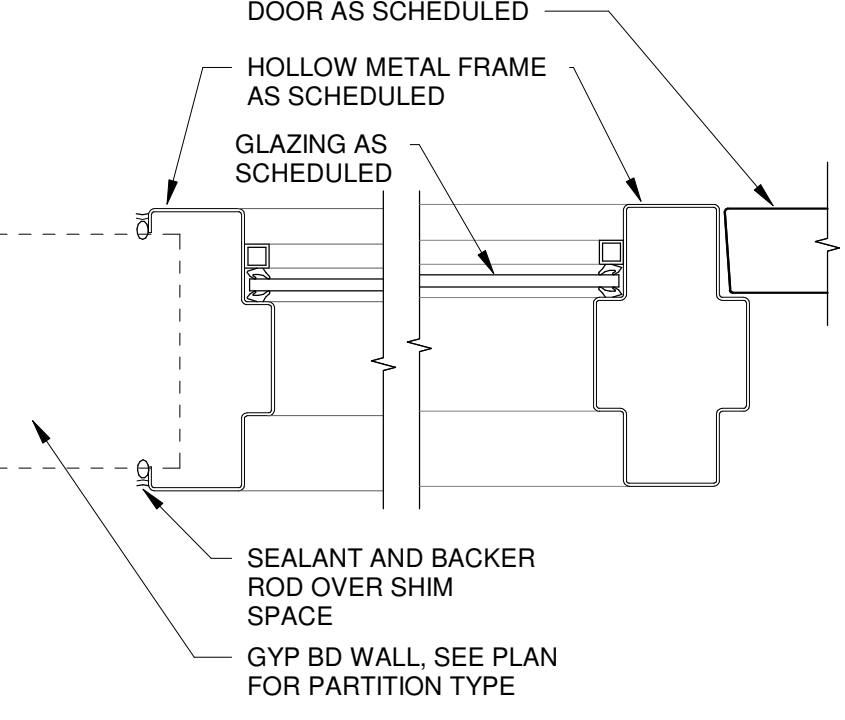
7 HOLLOW METAL DOOR HEAD DETAIL
1 1/2\"/>



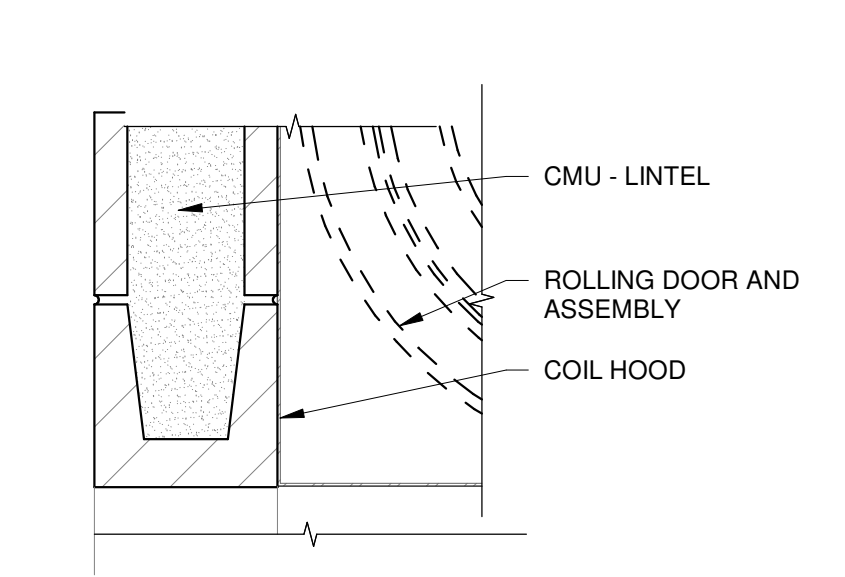
8 HOLLOW METAL DOOR JAMB DETAIL
1 1/2\"/>



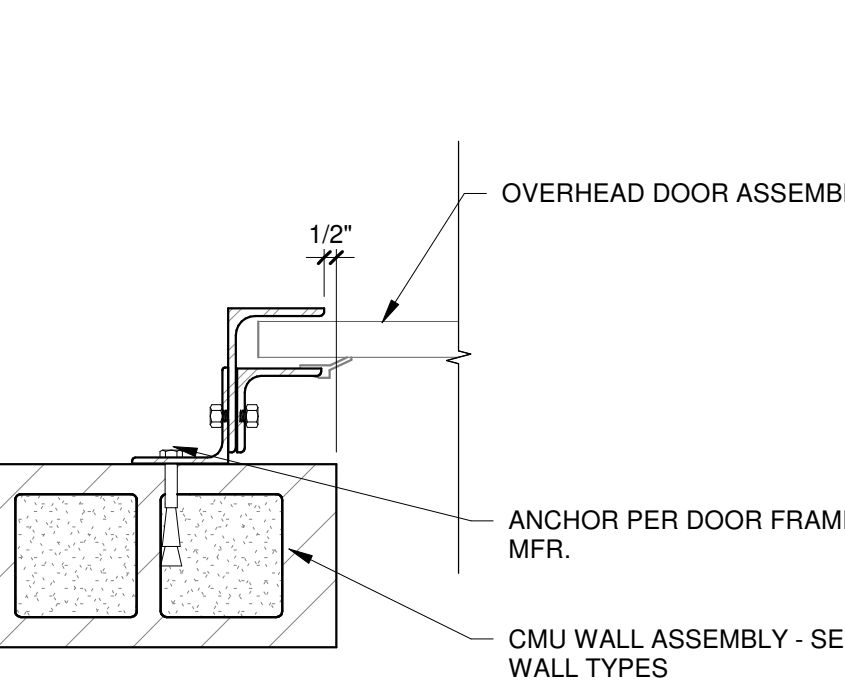
9 HM DOOR JAMB W/ SIDELITE - CMU
3\"/>



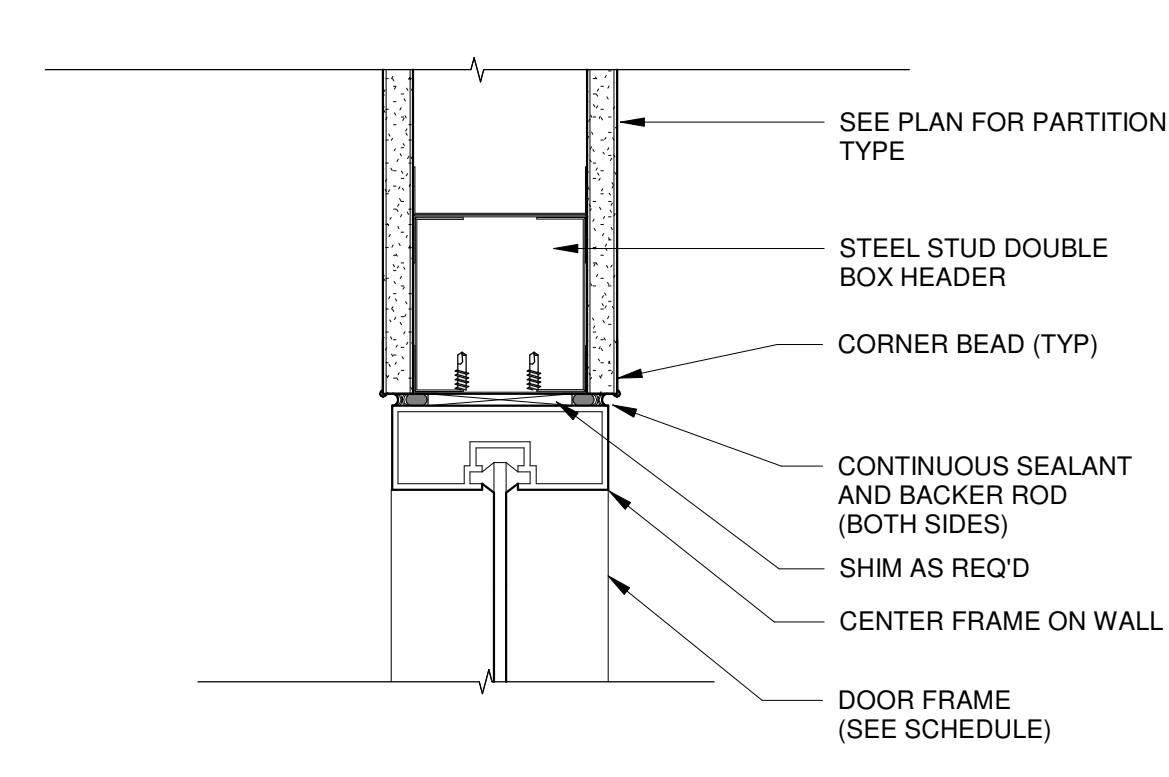
10 HM DOOR JAMB W/ SIDELITE - DEMOUNT. PART.
3\"/>



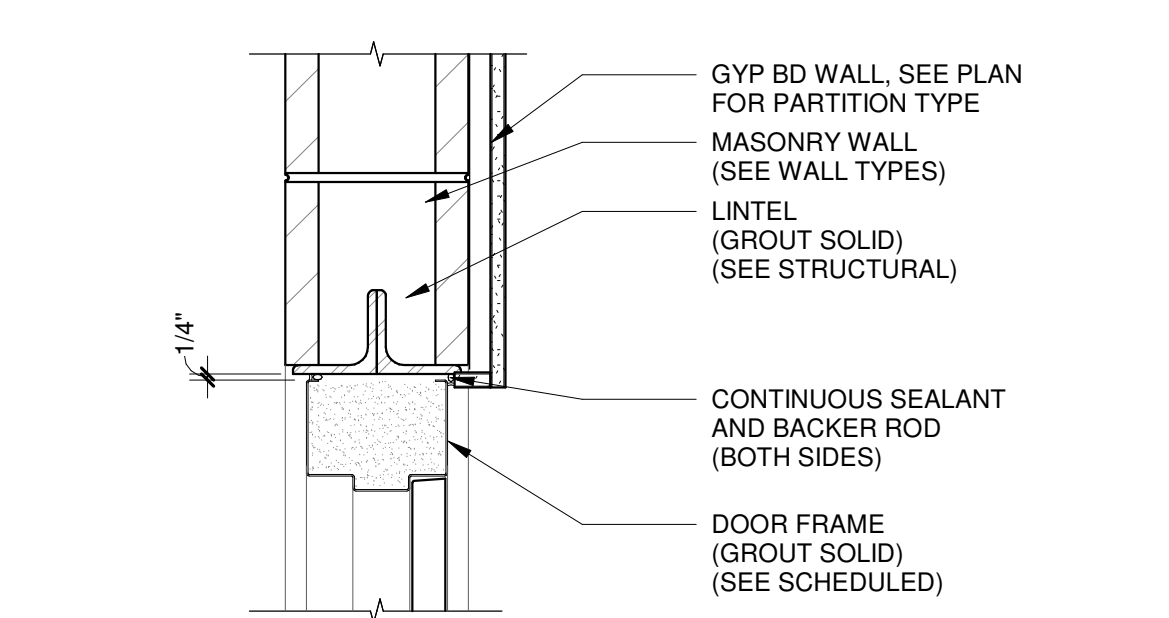
11 ROLL-UP DOOR HEAD AT INTERIOR CMU
1 1/2\"/>



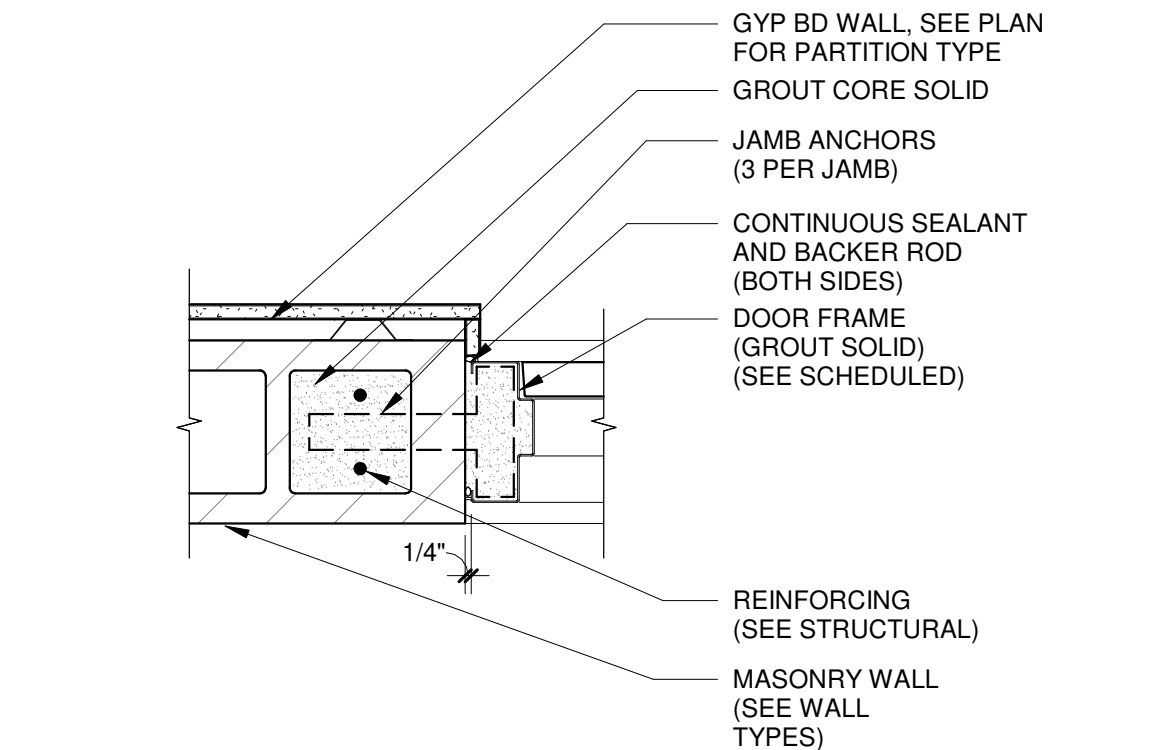
12 ROLL-UP DOOR JAMB AT INTERIOR CMU
1 1/2\"/>



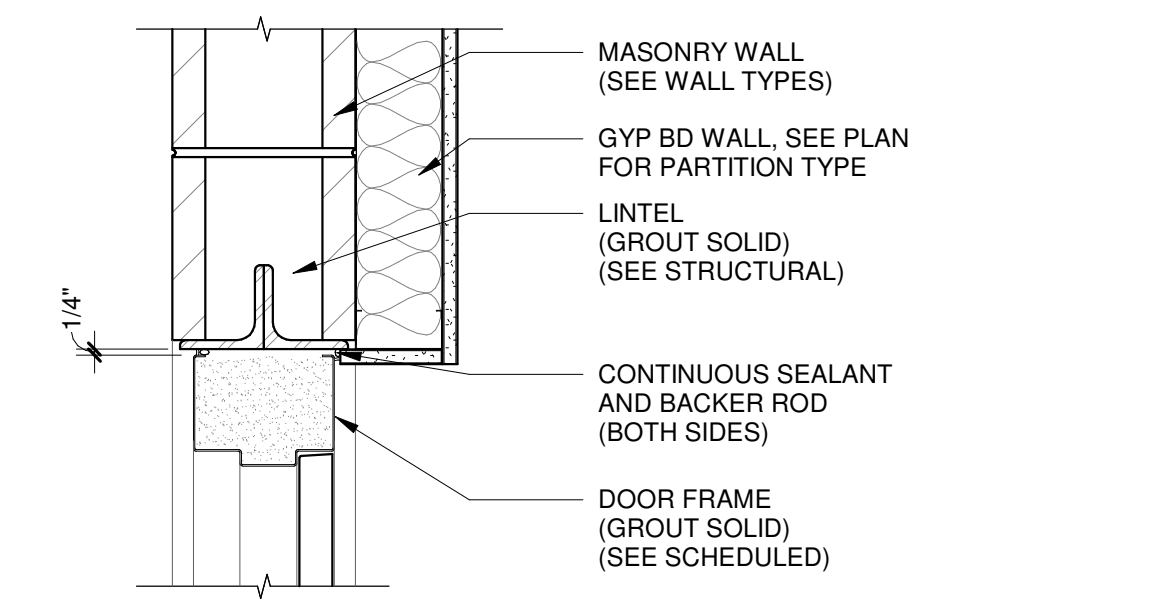
13 081216 - INT ALUM DOOR HEAD DETAIL - GYP
3\"/>



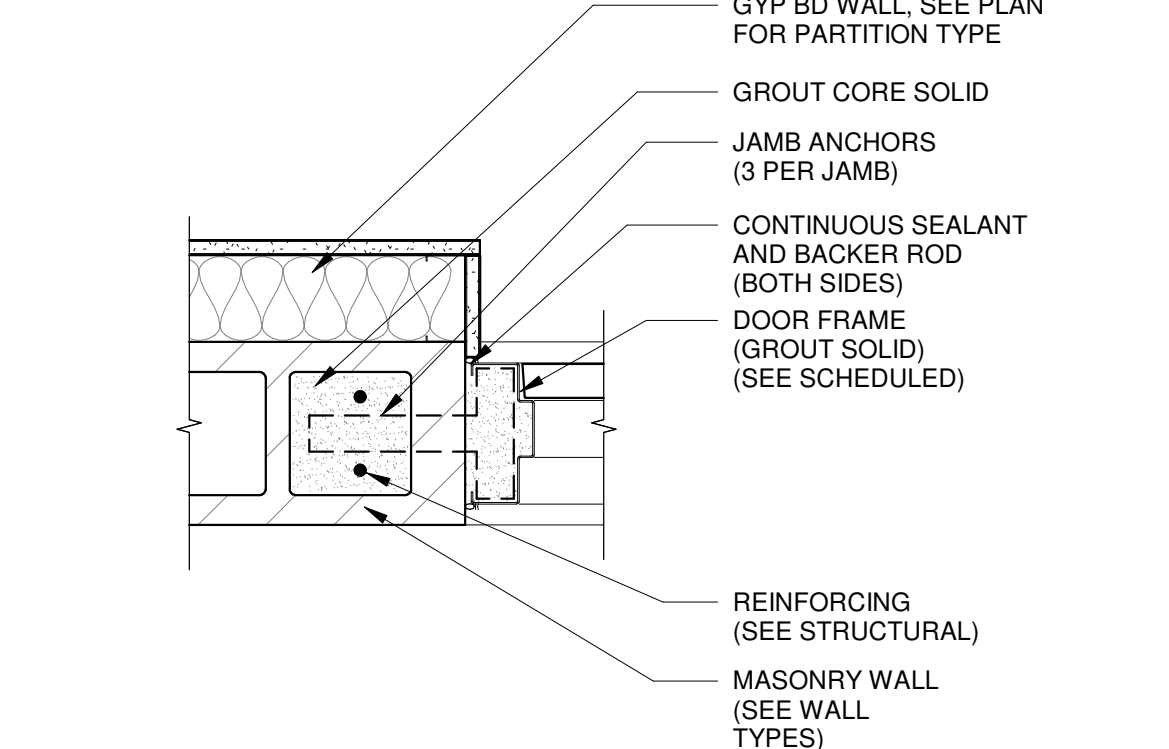
14 HOLLOW METAL DOOR HEAD DETAIL
1 1/2\"/>



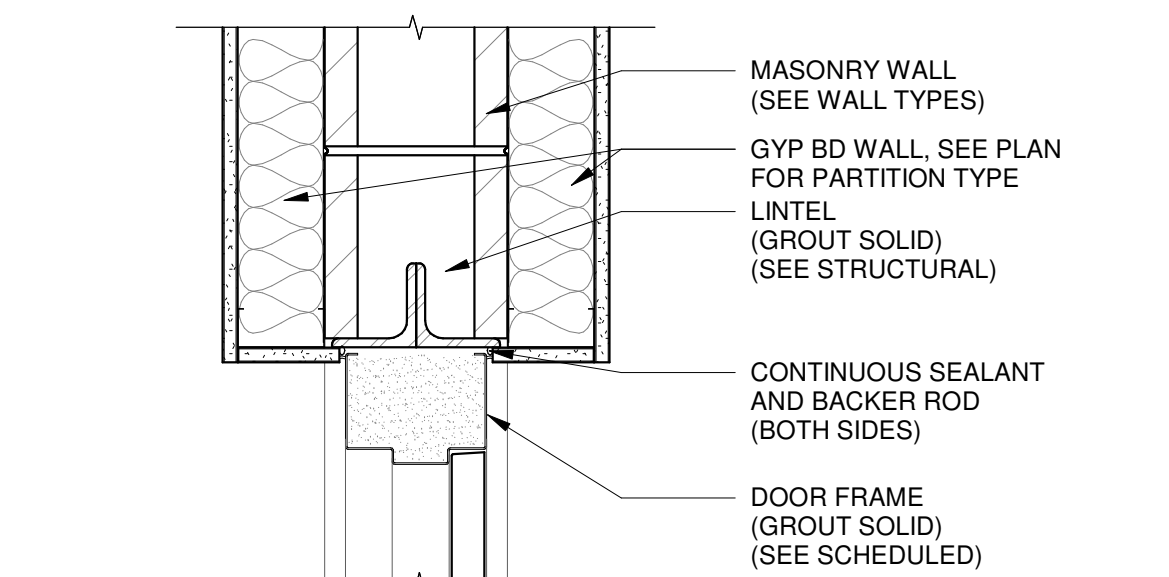
15 HOLLOW METAL DOOR JAMB DETAIL
1 1/2\"/>



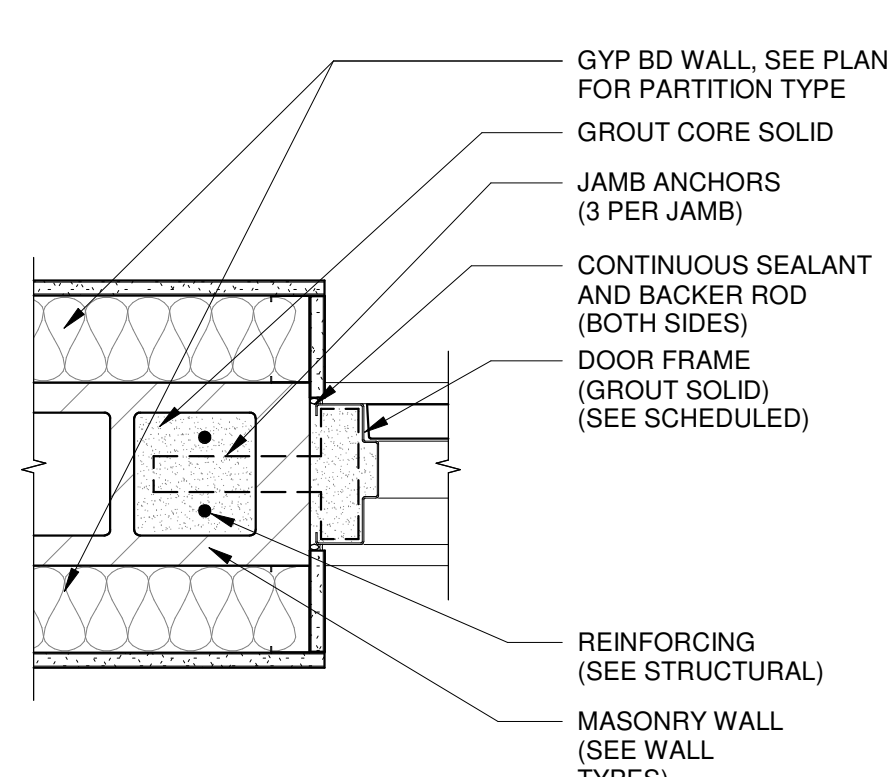
16 HOLLOW METAL DOOR HEAD DETAIL
1 1/2\"/>



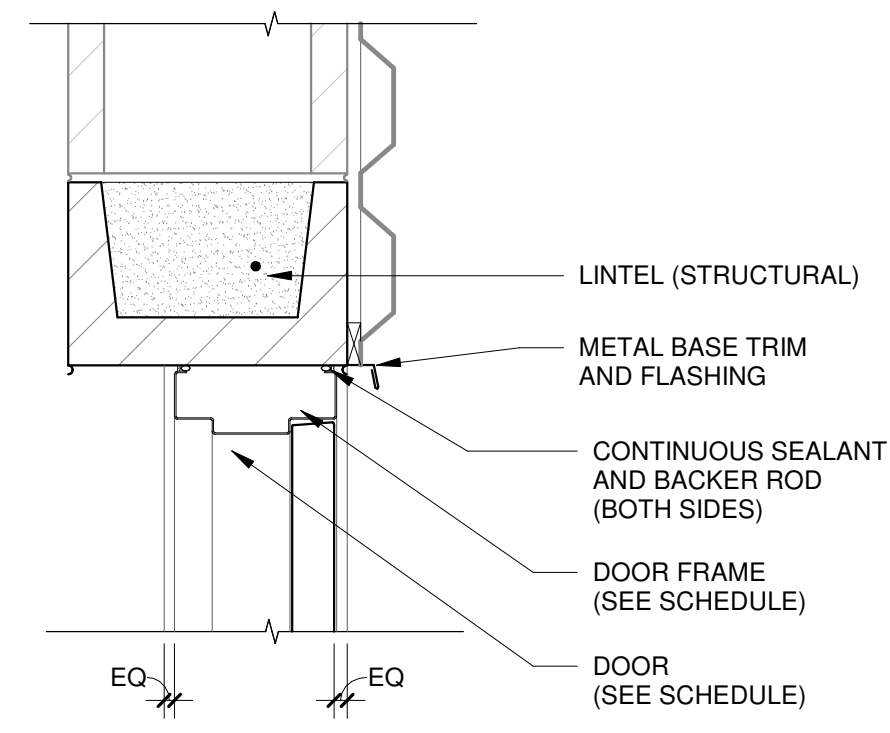
17 HOLLOW METAL DOOR JAMB DETAIL
1 1/2\"/>



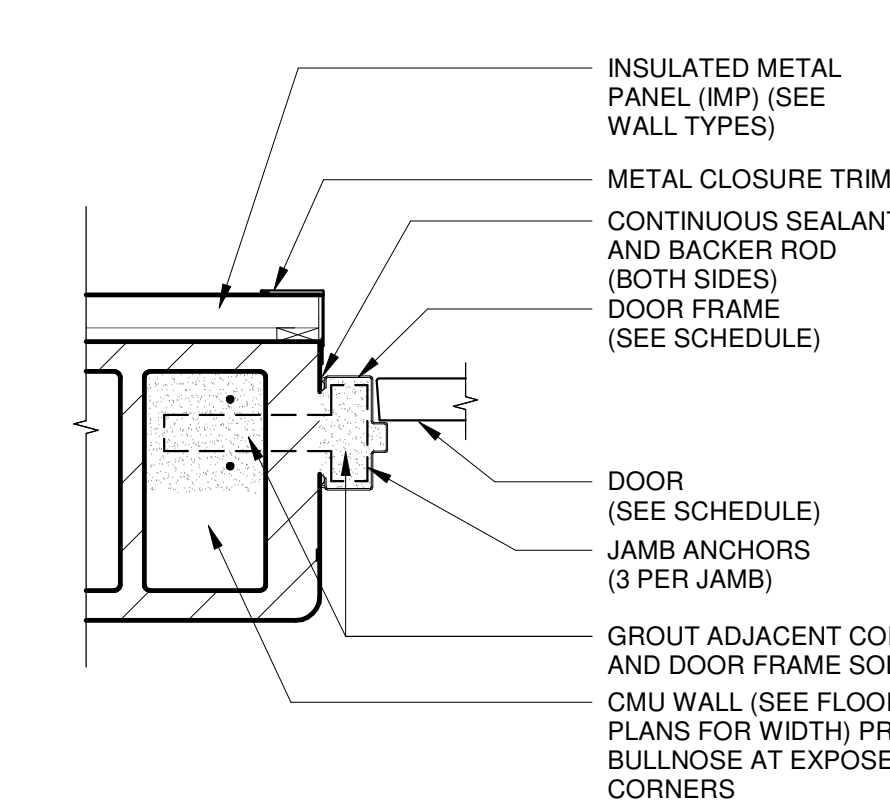
18 HOLLOW METAL DOOR HEAD DETAIL
1 1/2\"/>



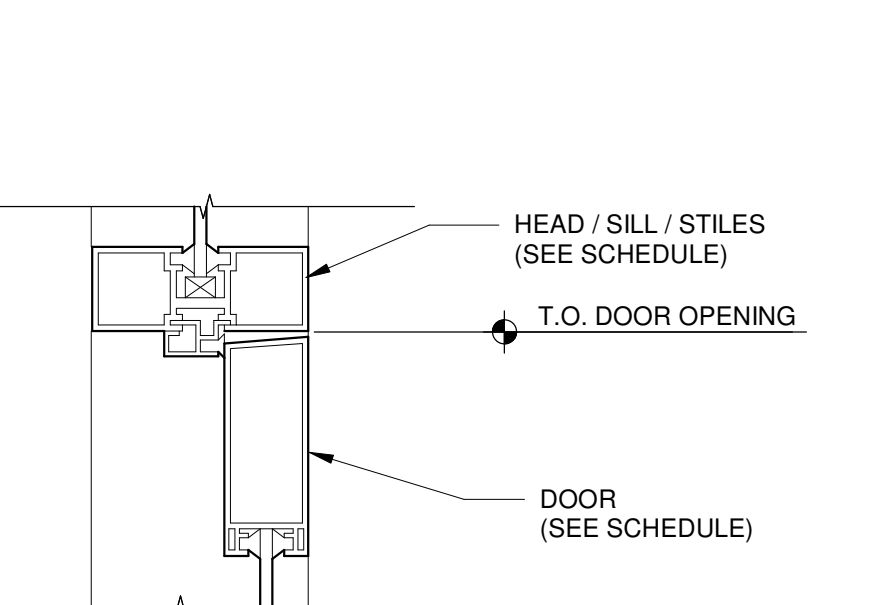
19 HOLLOW METAL DOOR JAMB DETAIL
1 1/2\"/>



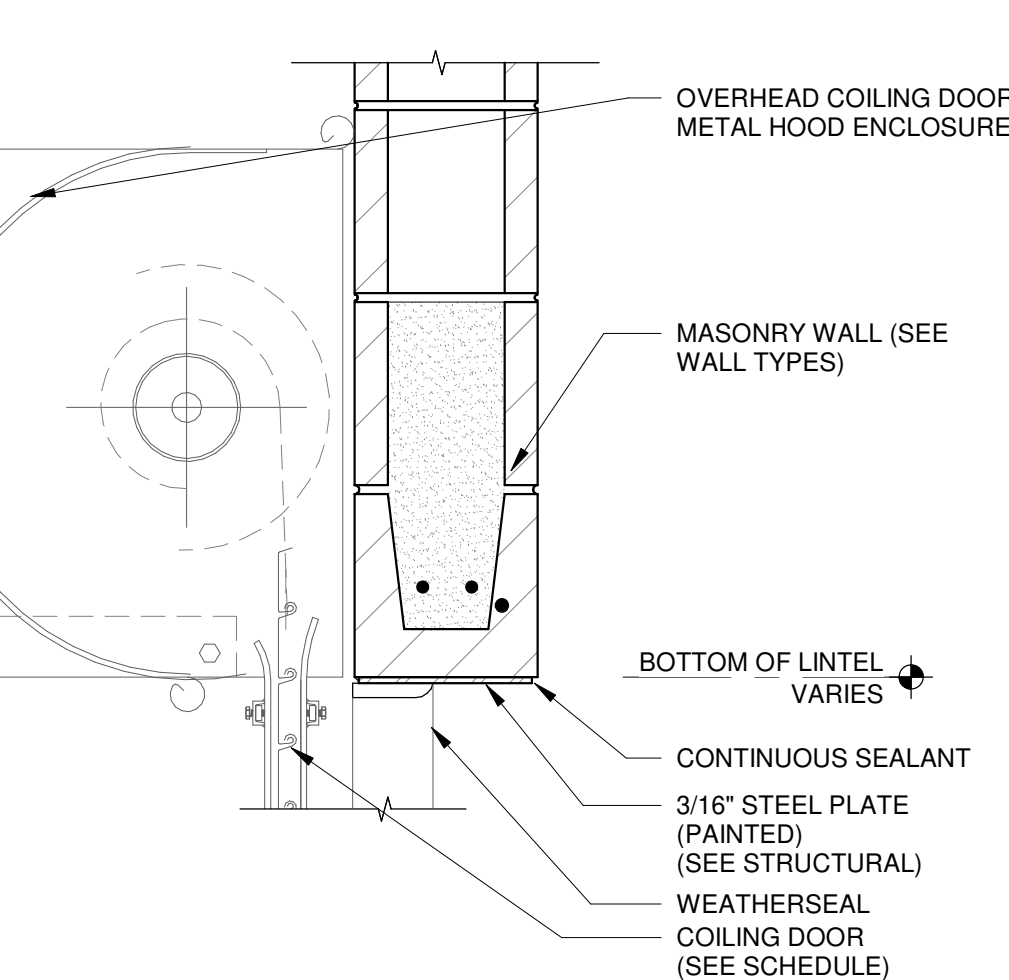
20 HOLLOW METAL DOOR HEAD DETAIL
1 1/2\"/>



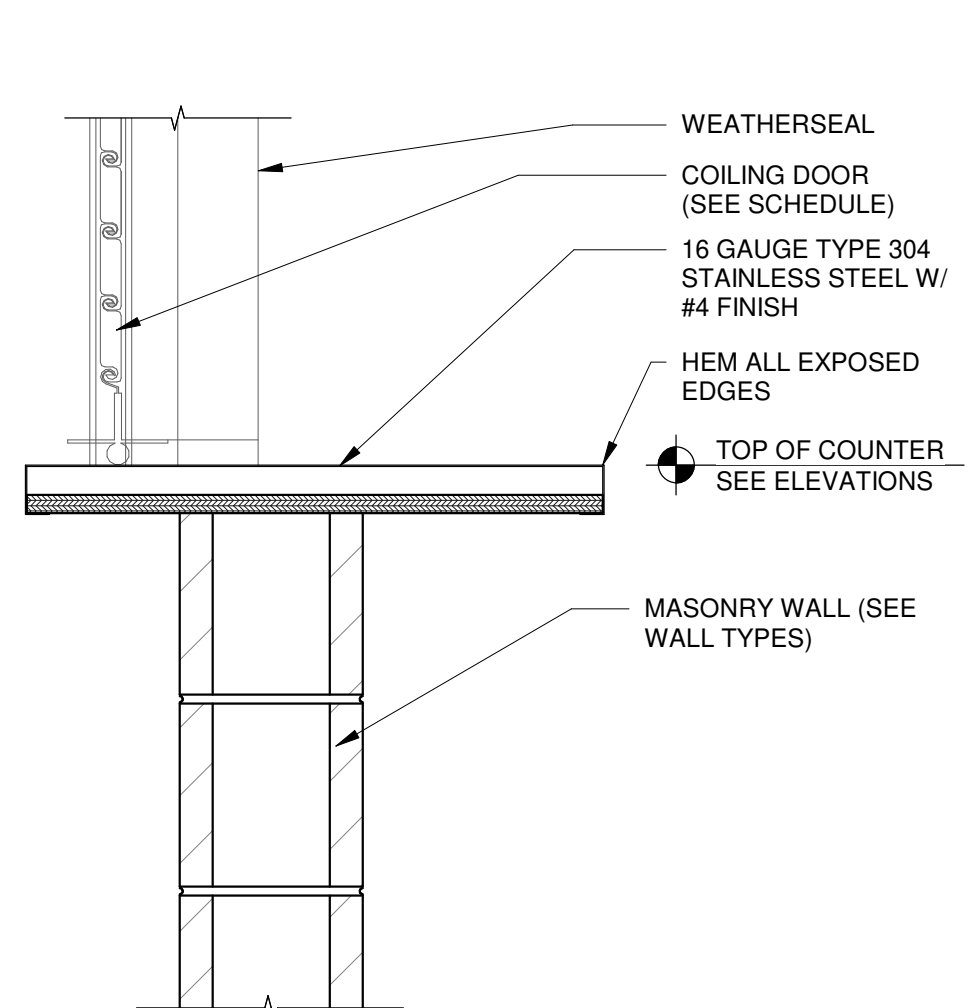
21 HOLLOW METAL DOOR JAMB DETAIL
1 1/2\"/>



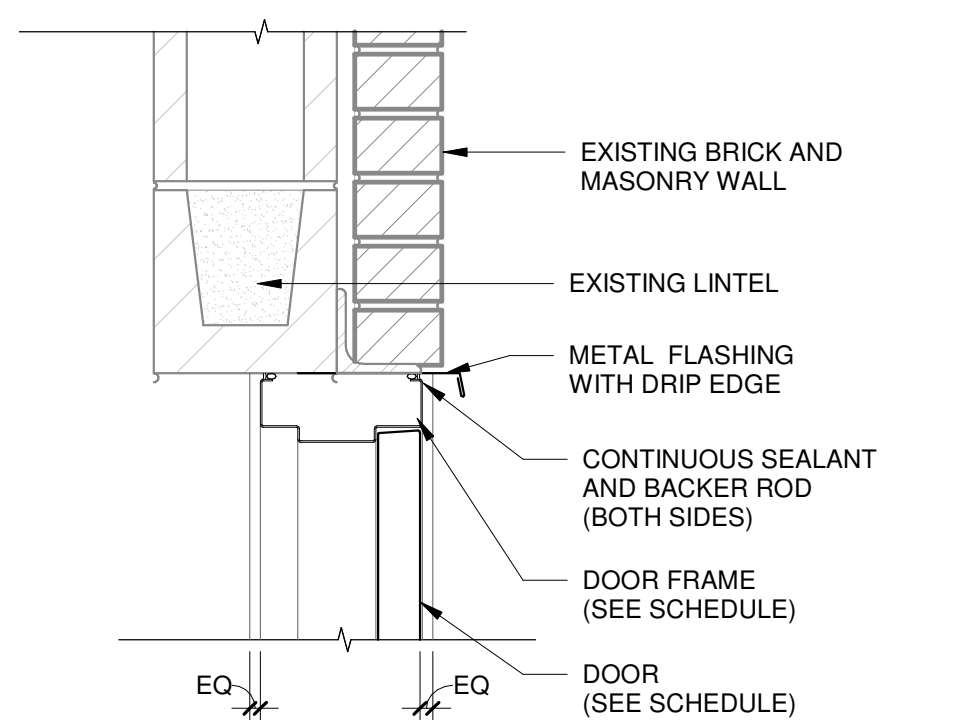
22 ENLARGED DETAIL
3\"/>



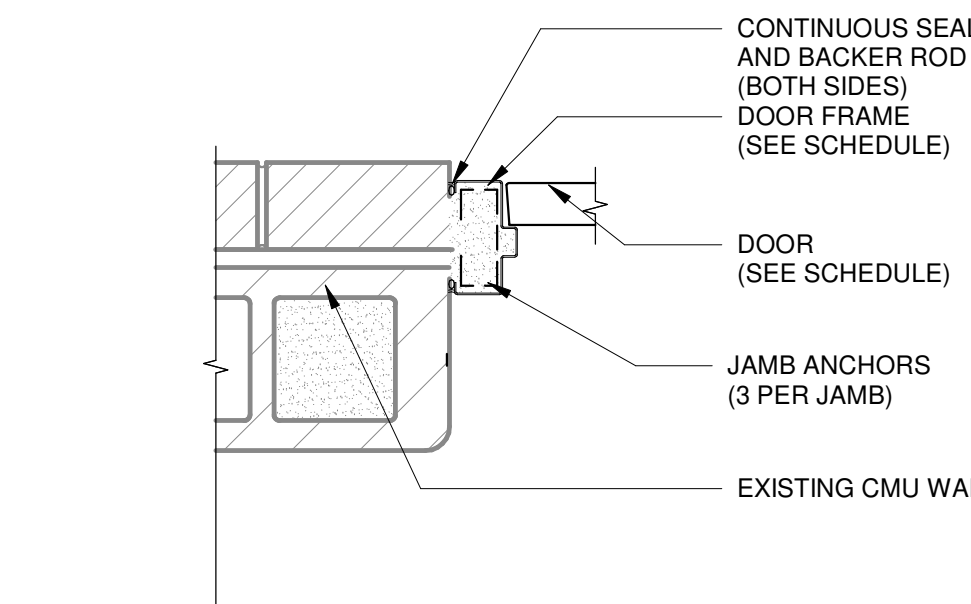
23 ROLLING COILING DOOR HEAD DETAIL
1 1/2\"/>



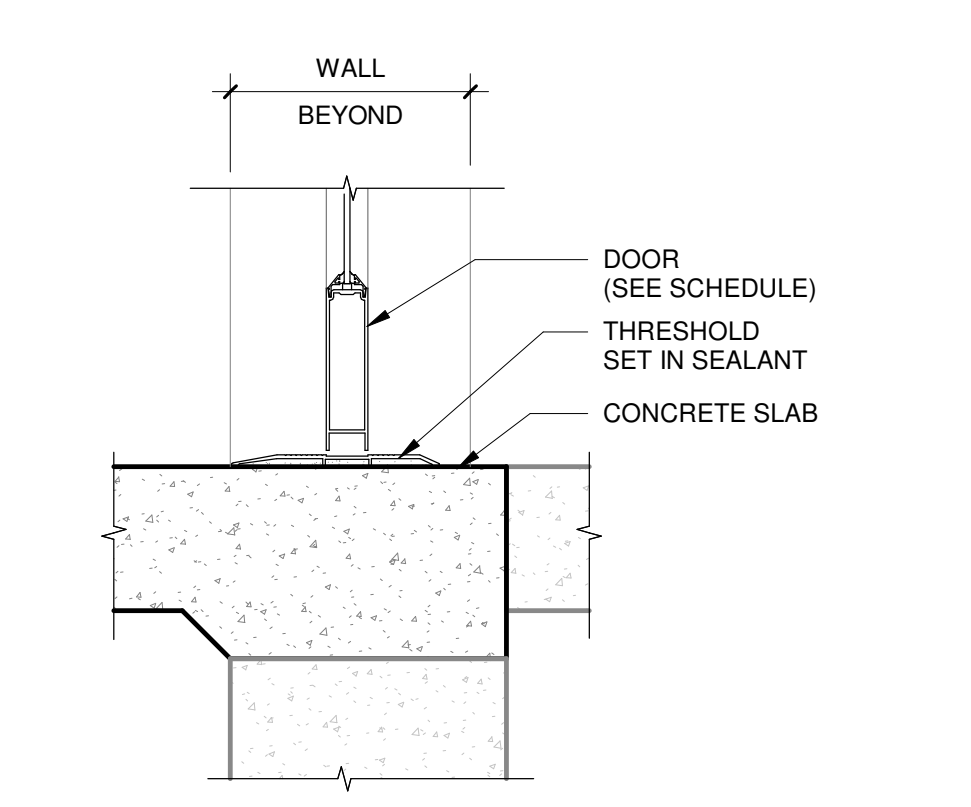
24 ROLLING COILING DOOR SILL DETAIL
1 1/2\"/>



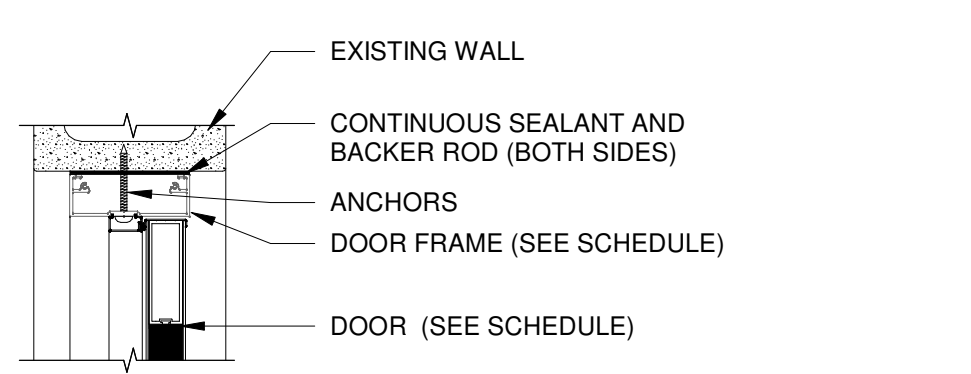
25 HOLLOW METAL DOOR HEAD DETAIL
1 1/2\"/>



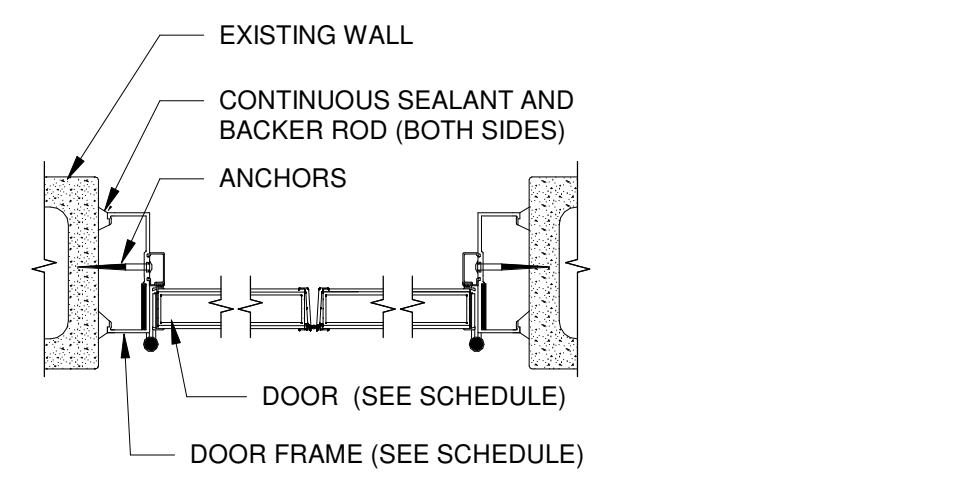
26 HOLLOW METAL DOOR JAMB DETAIL
1 1/2\"/>



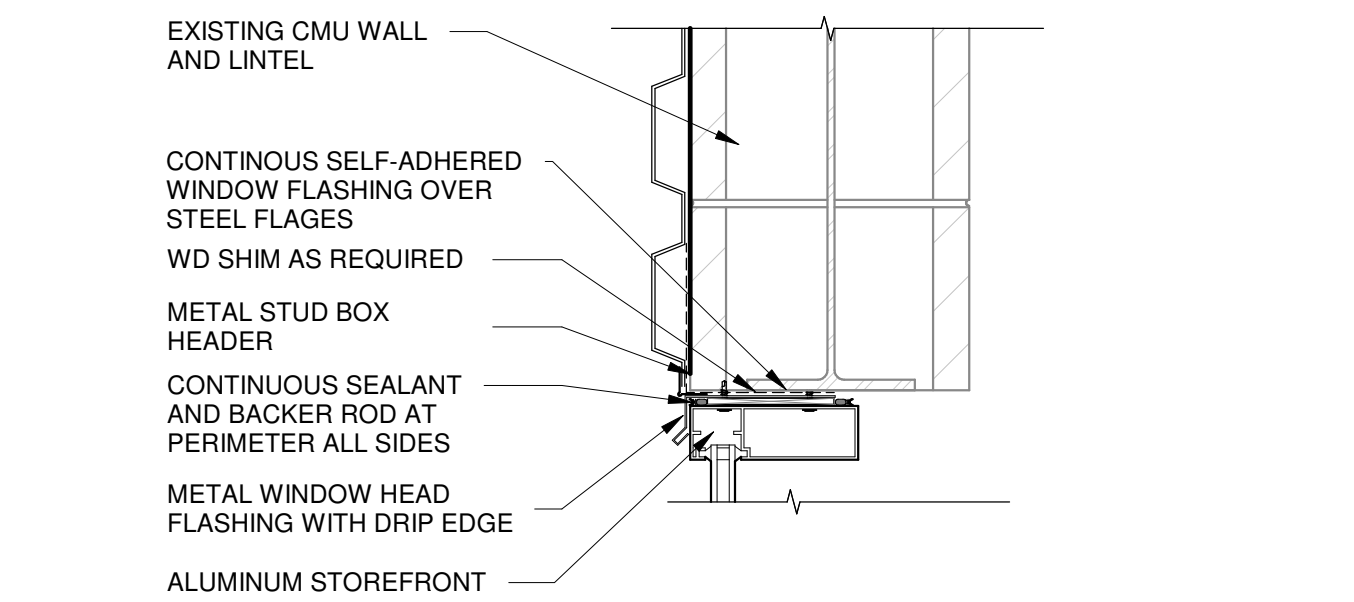
27 DOOR THRESHOLD
1 1/2\"/>



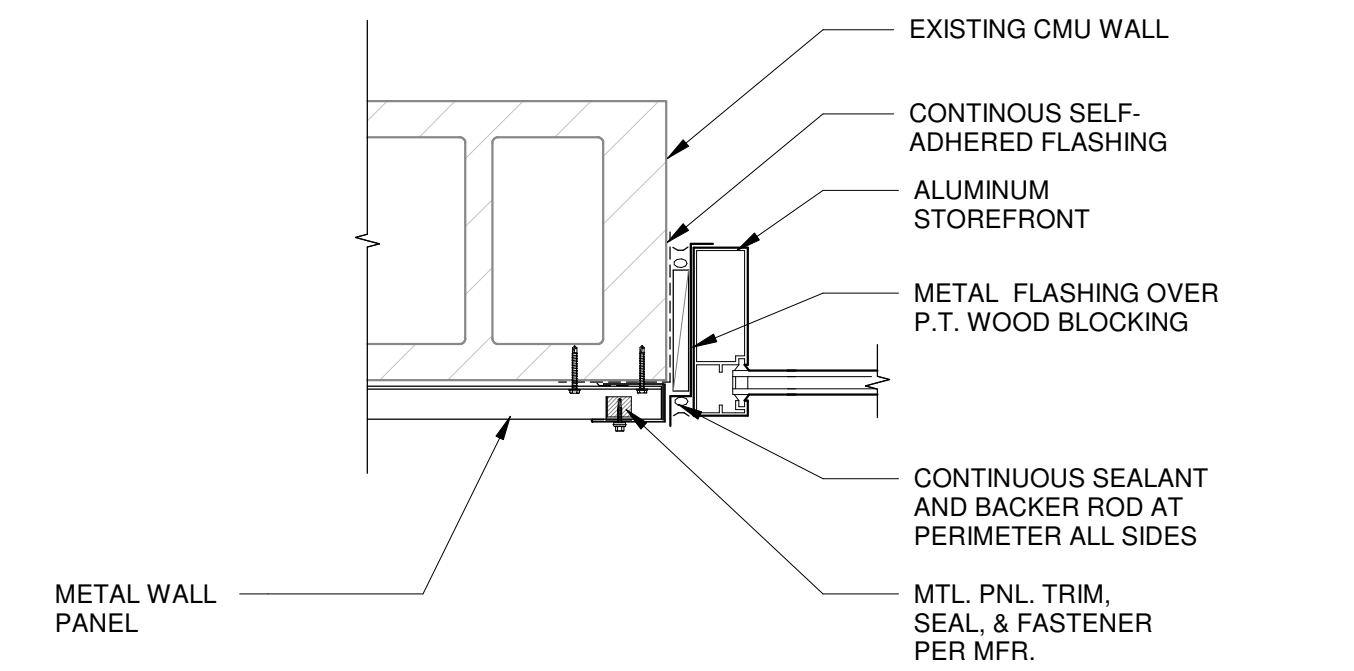
28 ALUMINUM DOOR HEAD
1 1/2\"/>



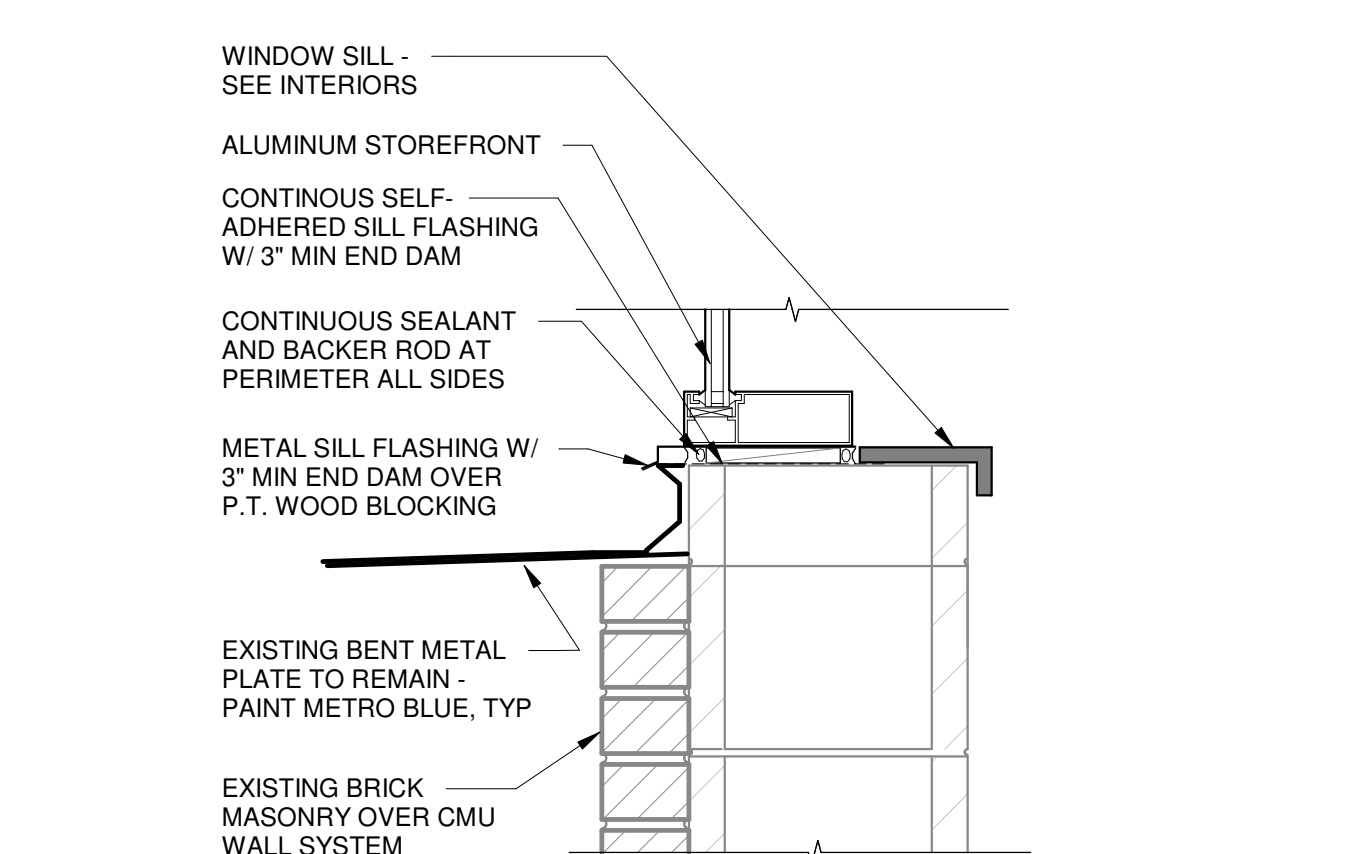
29 ALUM DOOR JAMB DETAIL
1 1/2\"/>



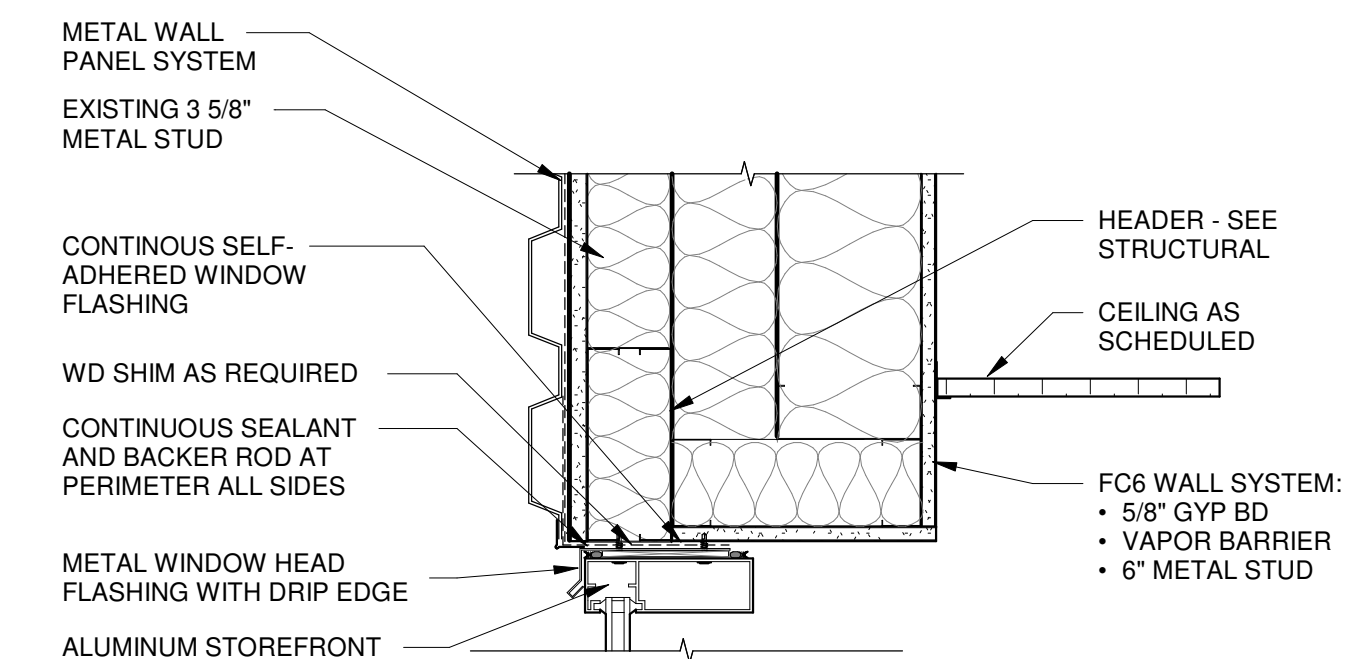
9 EXTERIOR STOREFRONT WINDOW HEAD DETAIL
1 1/2" = 1'-0"



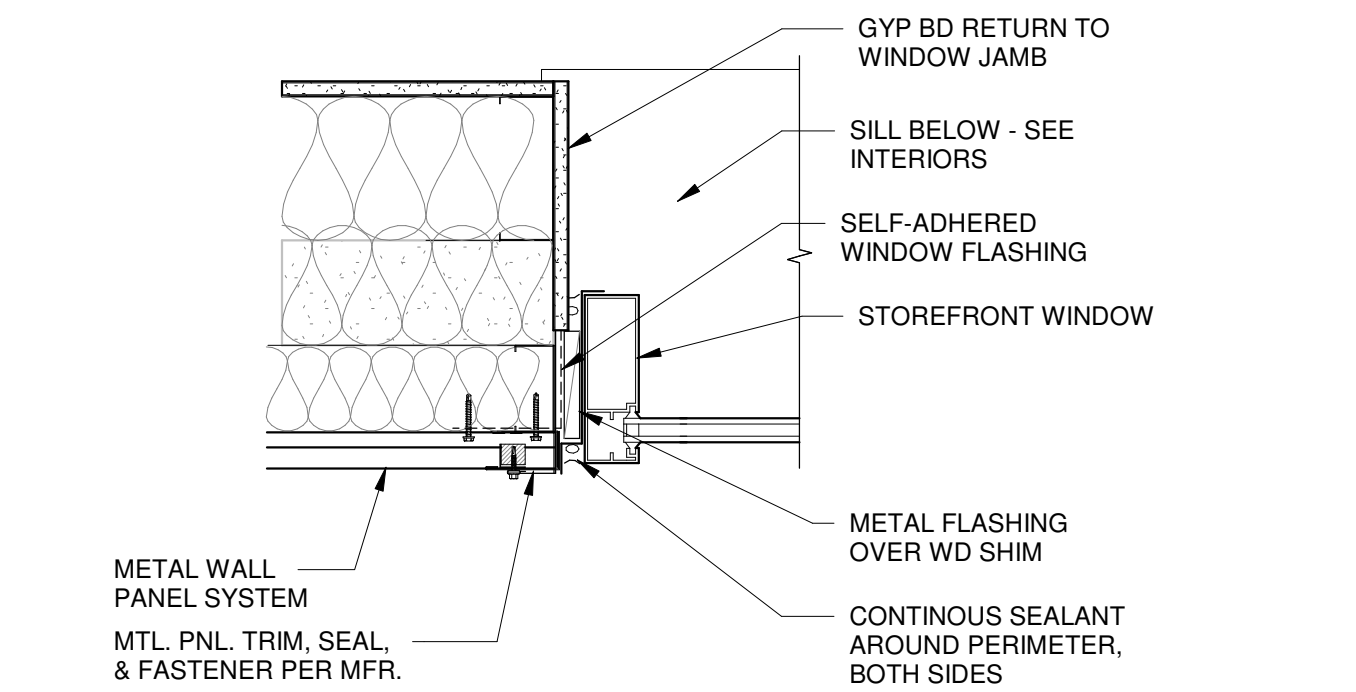
10 ENLARGED DETAIL PLAN
1 1/2" = 1'-0"



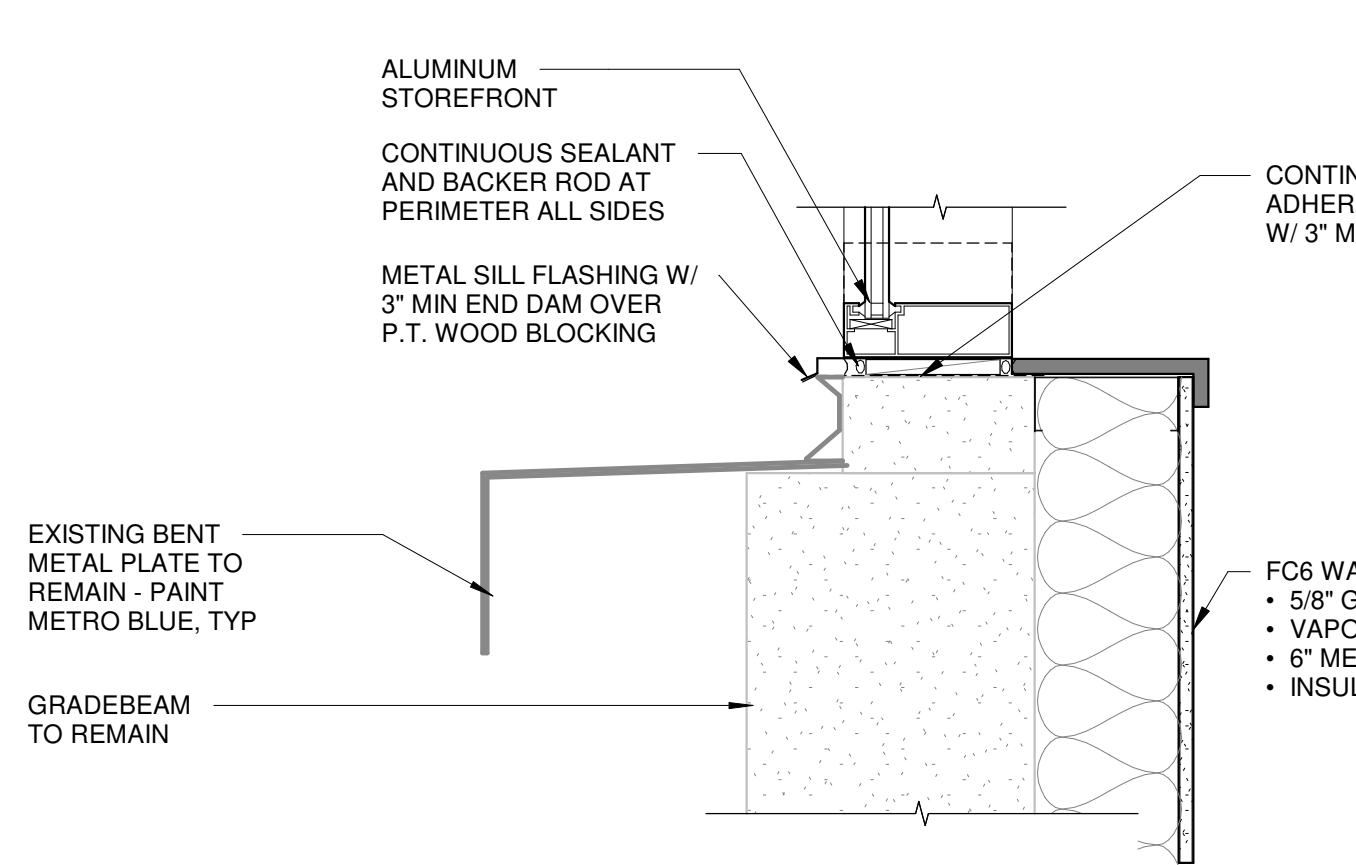
11 EXTERIOR STOREFRONT WINDOW SILL DETAIL
1 1/2" = 1'-0"



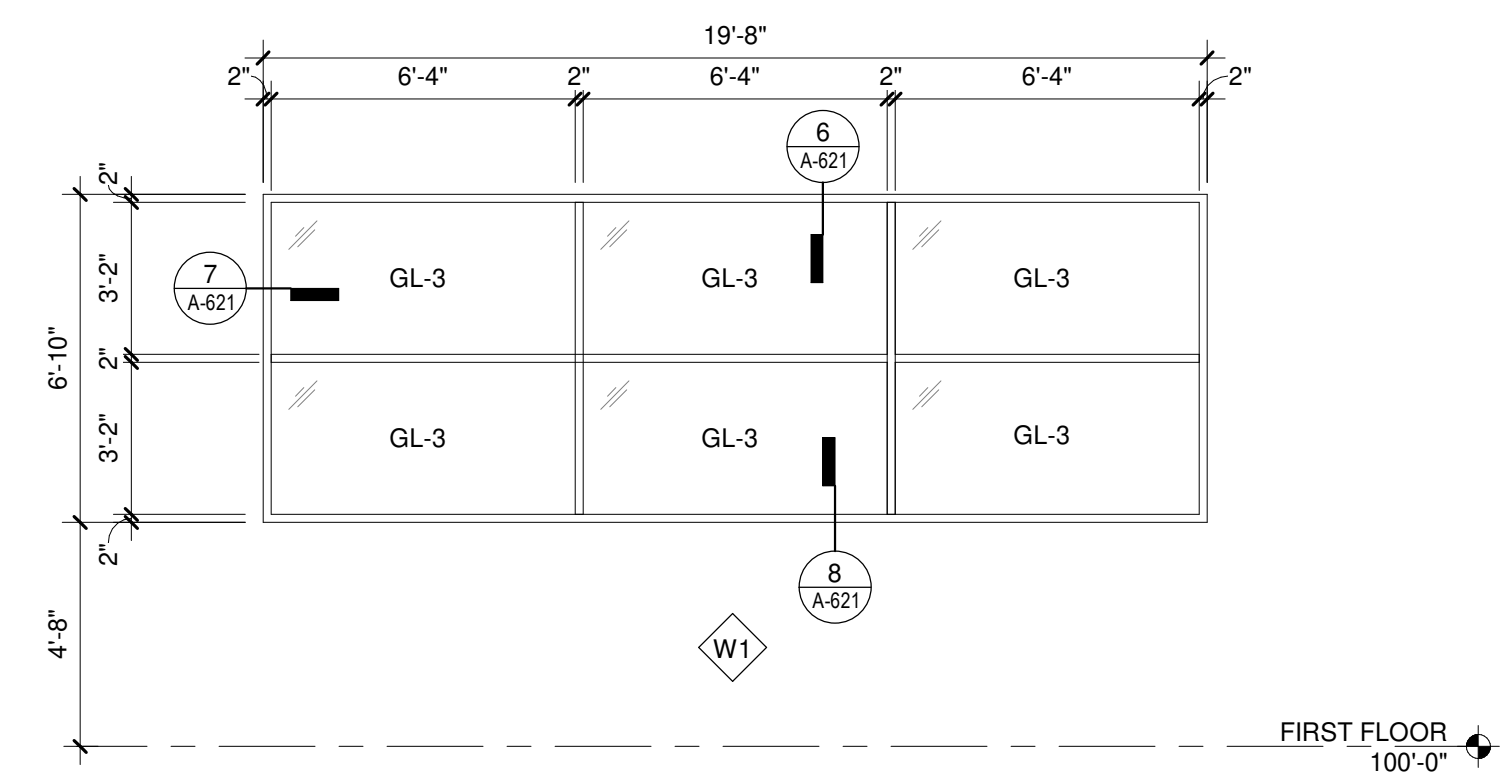
6 EXTERIOR STOREFRONT WINDOW HEAD DETAIL
1 1/2" = 1'-0"



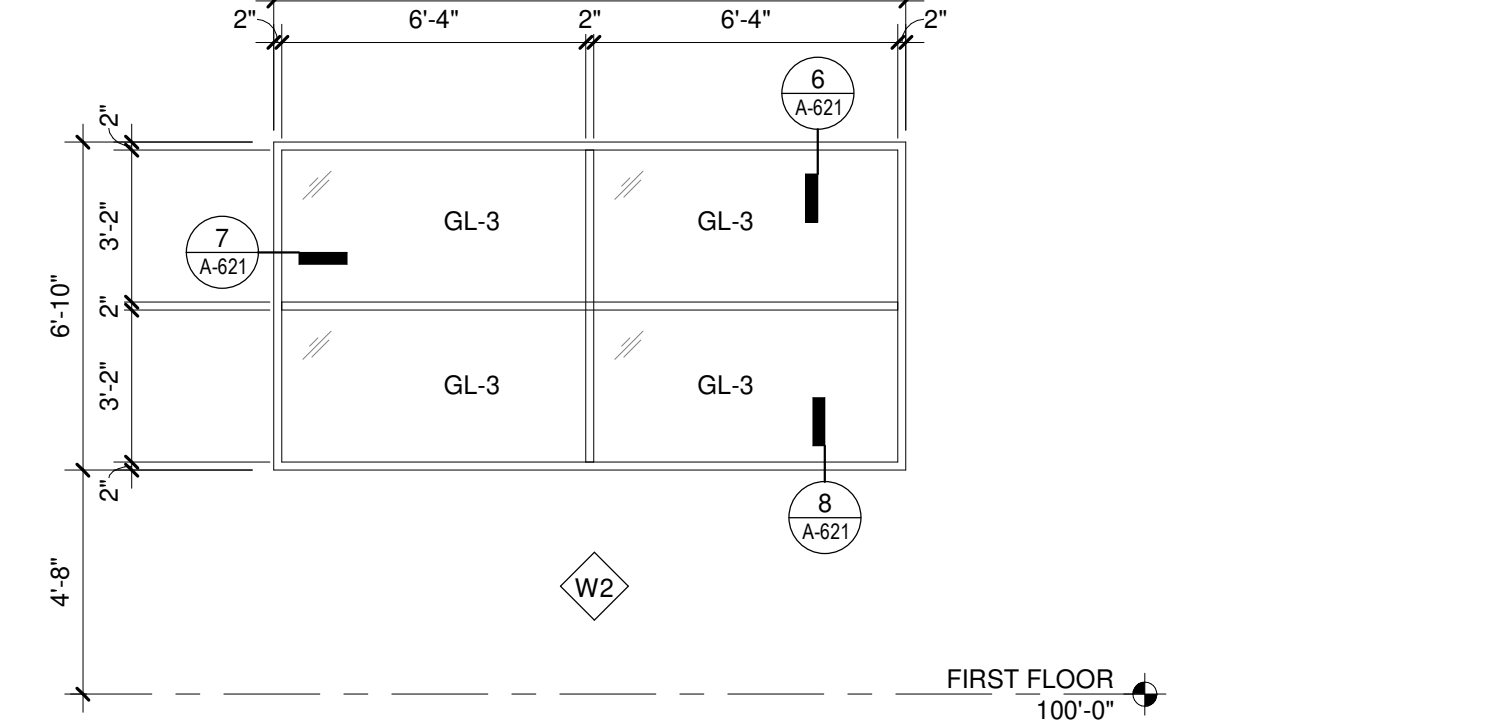
7 EXTERIOR STOREFRONT JAMB DETAIL
1 1/2" = 1'-0"



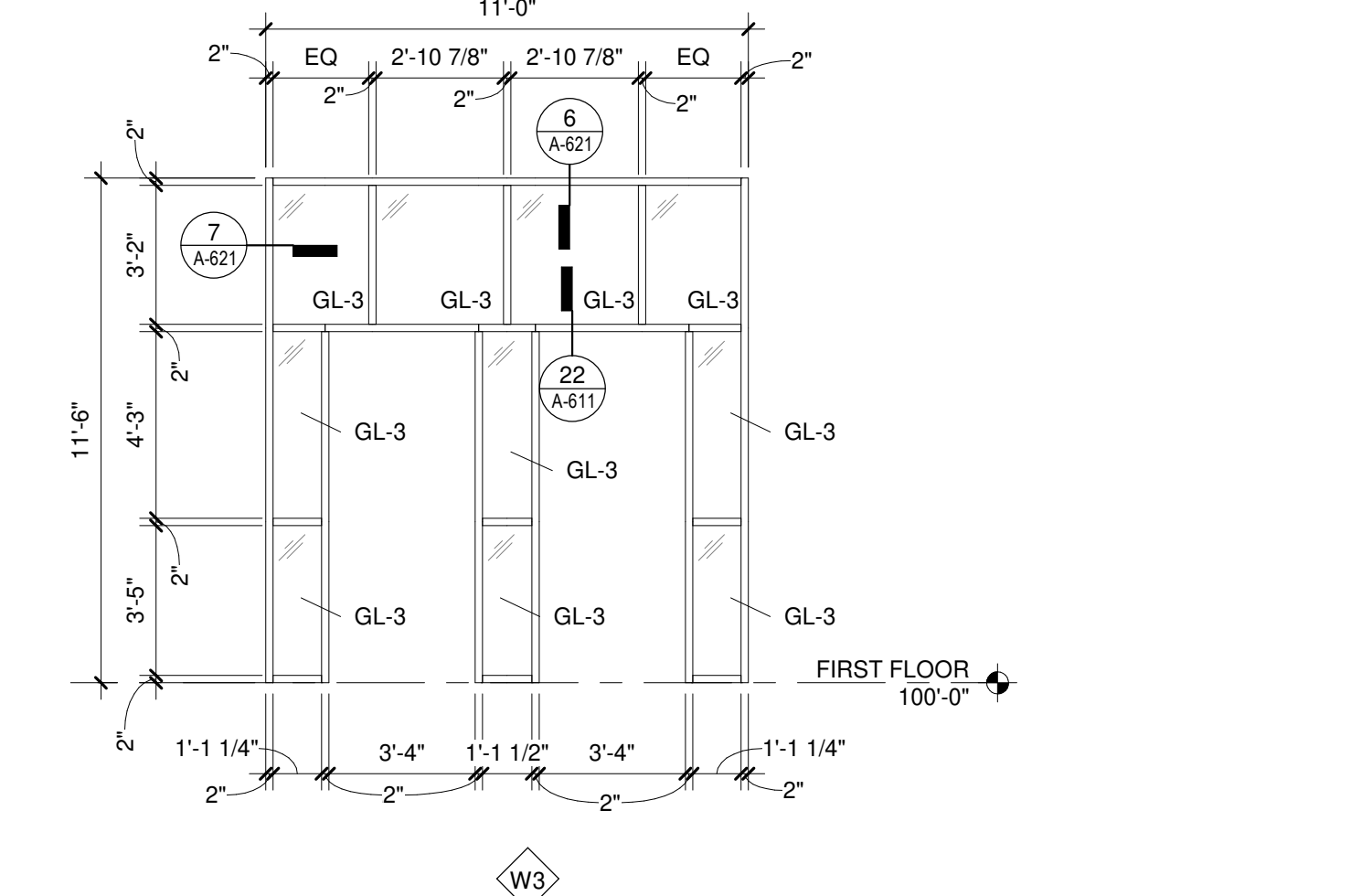
8 EXTERIOR STOREFRONT WINDOW SILL DETAIL
1 1/2" = 1'-0"



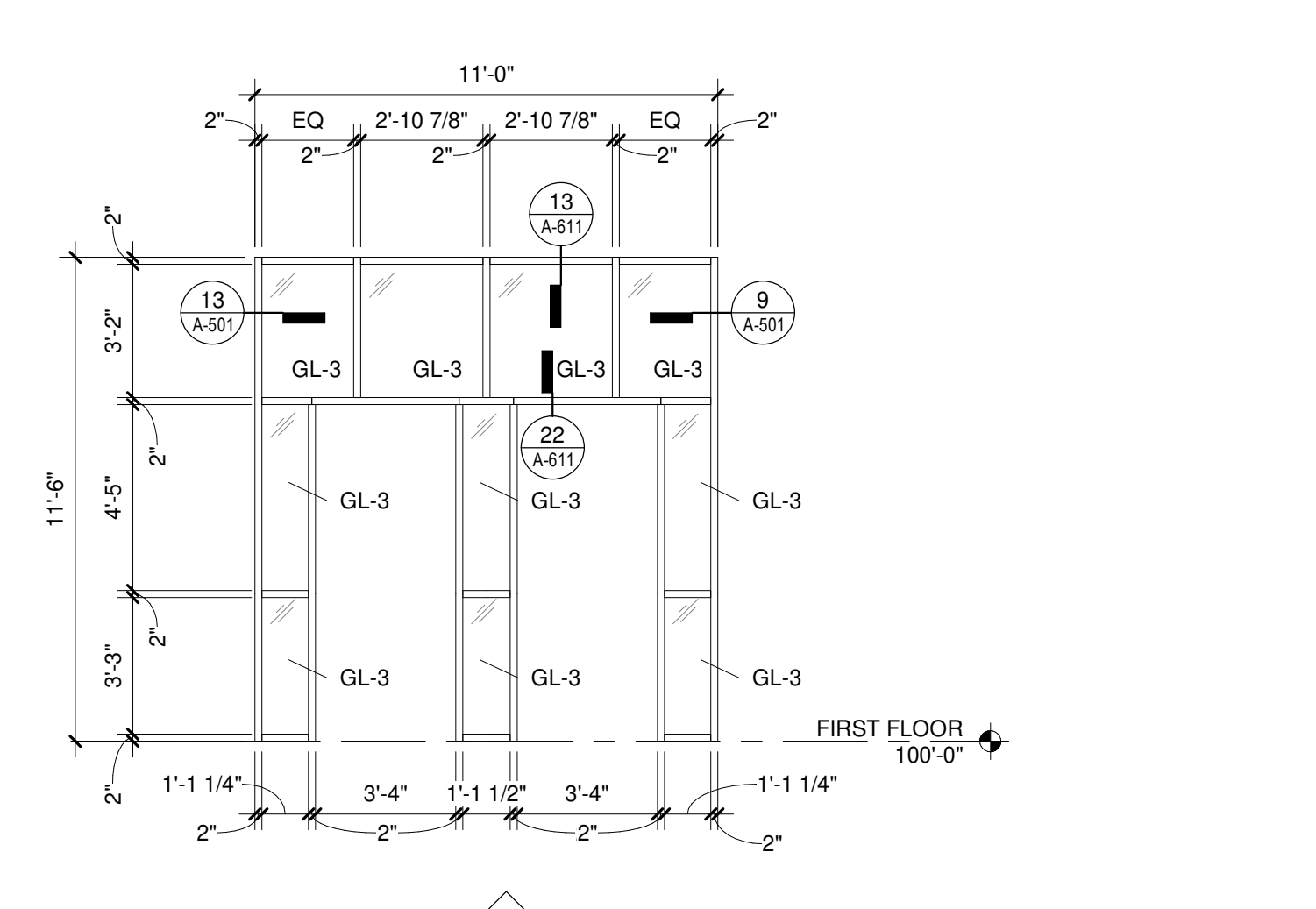
1 WINDOW TYPE - W1
1/4" = 1'-0"



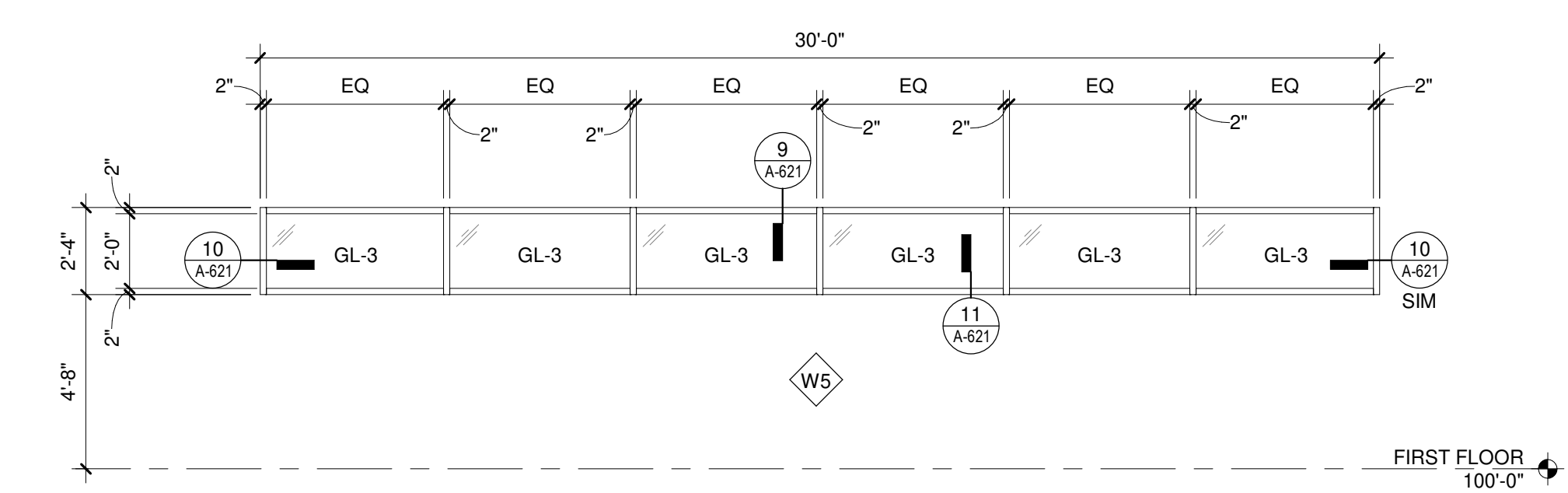
2 WINDOW TYPE - W2
1/4" = 1'-0"



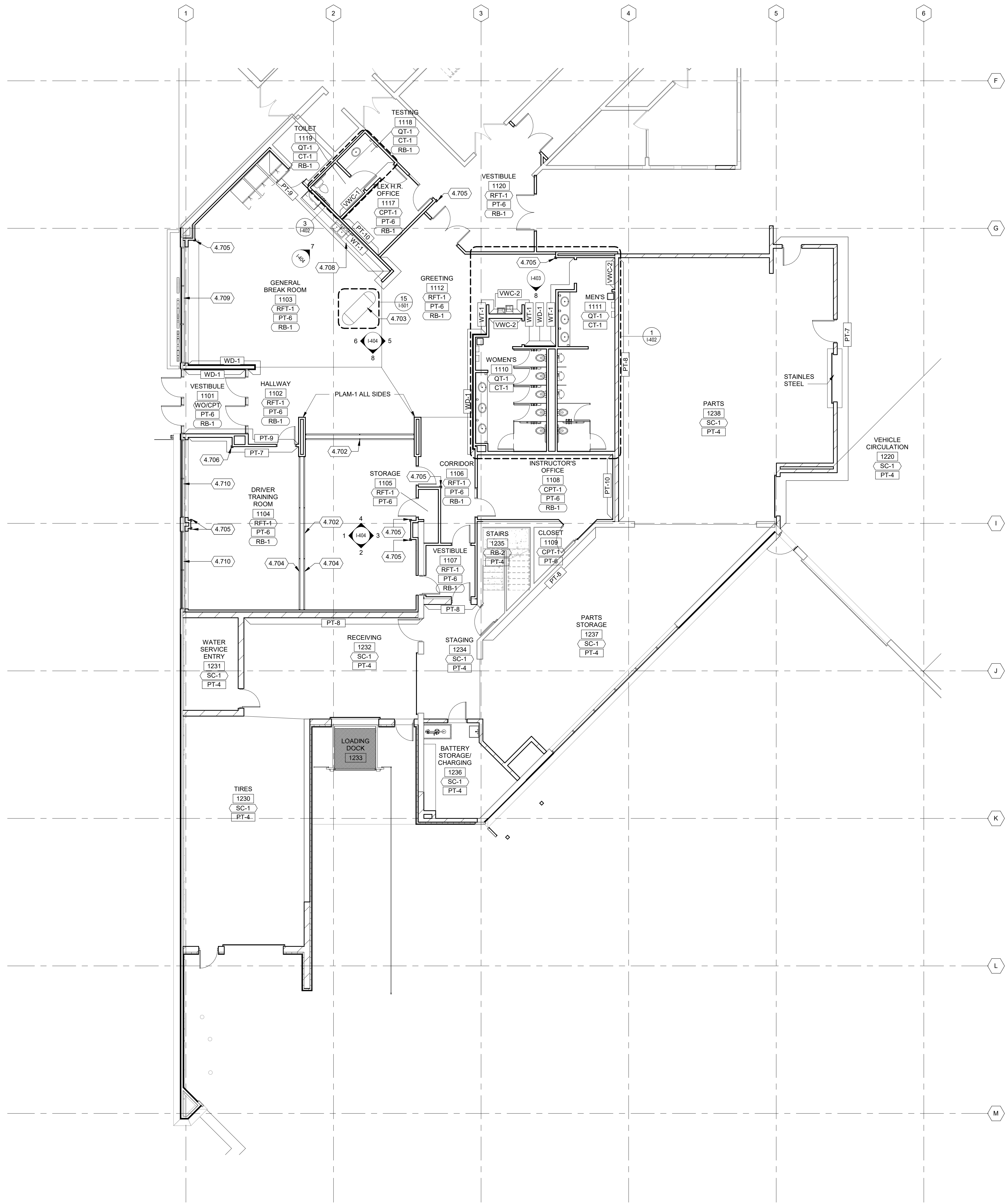
3 WINDOW TYPE - W3
1/4" = 1'-0"



4 WINDOW TYPE - W4
1/4" = 1'-0"



5 WINDOW TYPE - W5
1/4" = 1'-0"



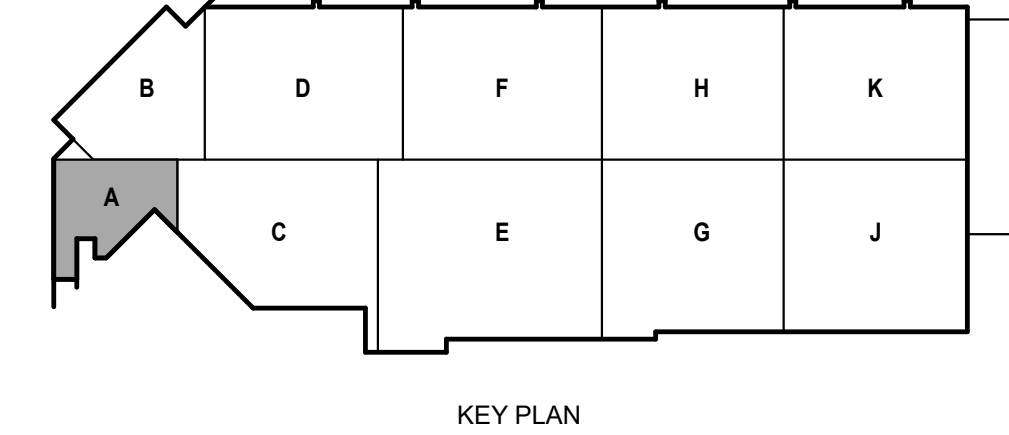
ROOM FINISH GENERAL NOTES:

- REFER TO FINISH SCHEDULE, SHEET I-601 FOR MATERIAL SELECTION AND COLOR.
- REFER TO SHEET I-601 FOR "INTERIORS FINISH" ABBREVIATIONS.
- REFER TO ROOM FINISH SCHEDULE, SHEET I-601 FOR ALL ROOM FINISHES NOT NOTED ON PLAN.
- ALL FLOORING TRANSITIONS SHALL BE CENTERED UNDER DOOR IN CLOSED POSITION U.N.O. REFER TO SHEET I-401 FOR FLOORING PATTERN PLAN AND FLOORING TRANSITIONS. REFER TO SHEET I-501 FOR TYPICAL TRANSITION DETAILS.
- ALL METAL LINEAR DIFFUSERS SHALL BE PAINTED TO MATCH SURROUNDING WALL SURFACE, U.N.O.
- ALL SHOP PRIMED ACCESS PANELS SHALL BE PAINTED TO MATCH ADJACENT SURFACE.
- ALL PRECAST CEILING SHALL BE PAINTED TO MATCH ADJACENT SURFACE.
- ALL CONCRETE FLOORS NOT TO RECEIVE ADDITIONAL FINISH SHALL BE SEALED, U.N.O.

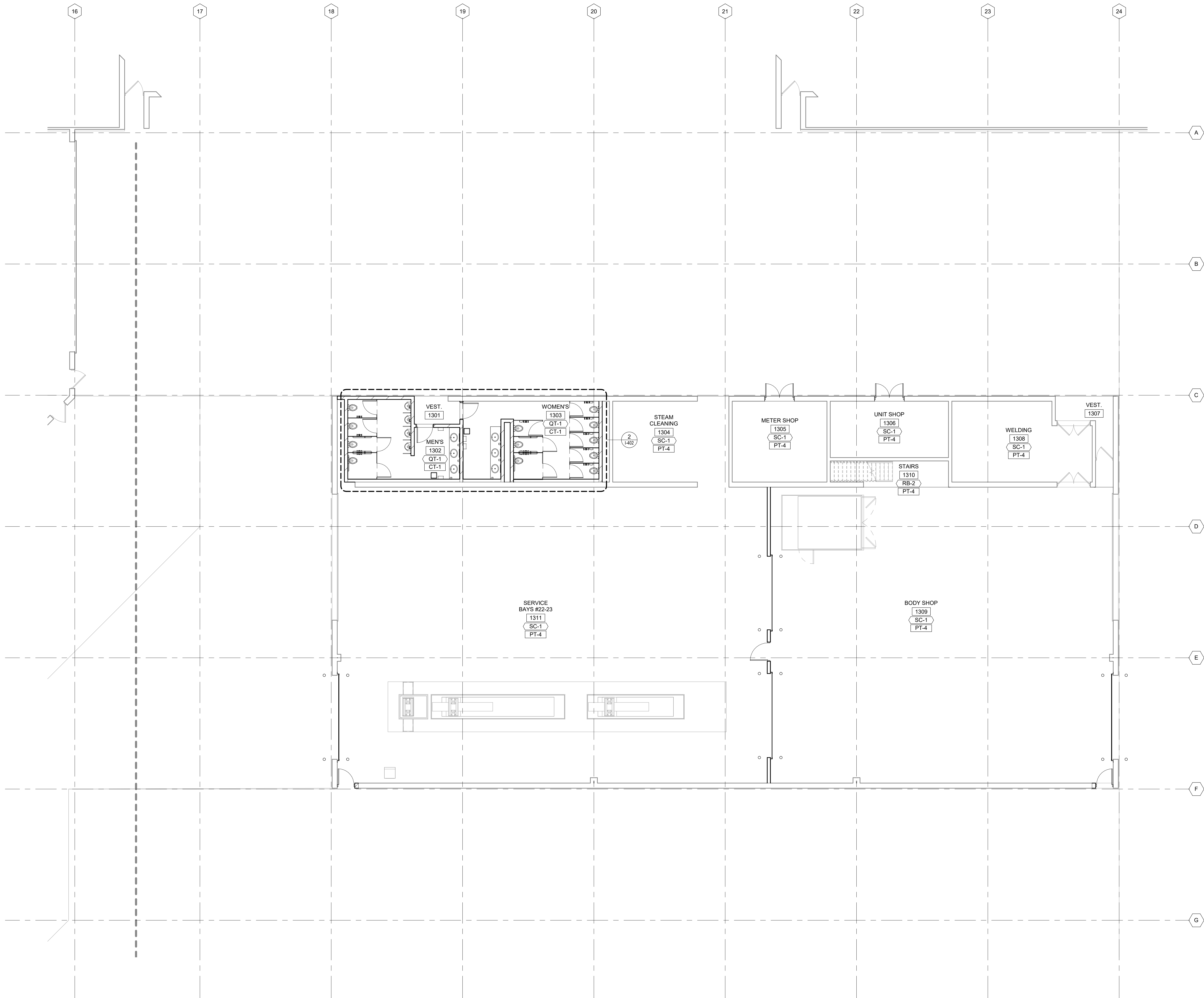
KEYED NOTES

- EXPOSED SIDES OF BULKHEADS AND EXPOSED END OF HEADER TO BE PLAM-1, SEE SHEET 4/A-312 FOR OPERABLE VERTICAL PARTITION DETAIL.
- CUSTOM MOBILE TRASH CASEWORK - SEE I-501 FOR MORE INFORMATION.
- SEE SIM. ELEVATION 4/I-404 FOR VERTICAL OPERABLE PARTITION PANEL FINISHES.
- CG-1: REFER TO FINISH SCHEDULE, SHEET I-601, FOR MATERIAL SELECTION AND COLOR.
- CG-2: REFER TO FINISH SCHEDULE, SHEET I-601, FOR MATERIAL SELECTION AND COLOR.
- 2" GROMMET AT EACH ROUGH IN LOCATION.
- MANUAL DOUBLE ROLLER WSHD-1.
- POWERED DOUBLE ROLLER WSHD-1 AND WSHD-2.

1 FIRST FLOOR FINISH PLAN - AREA A
1/8" = 1'-0"



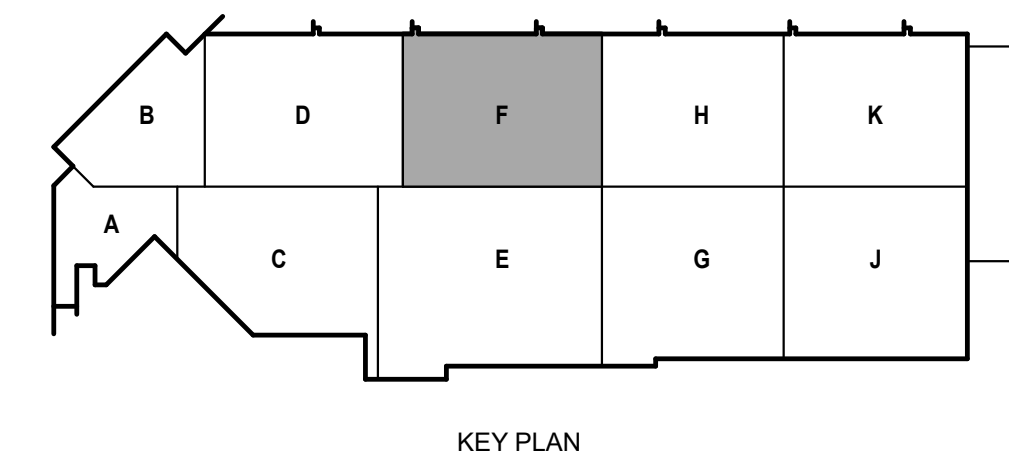
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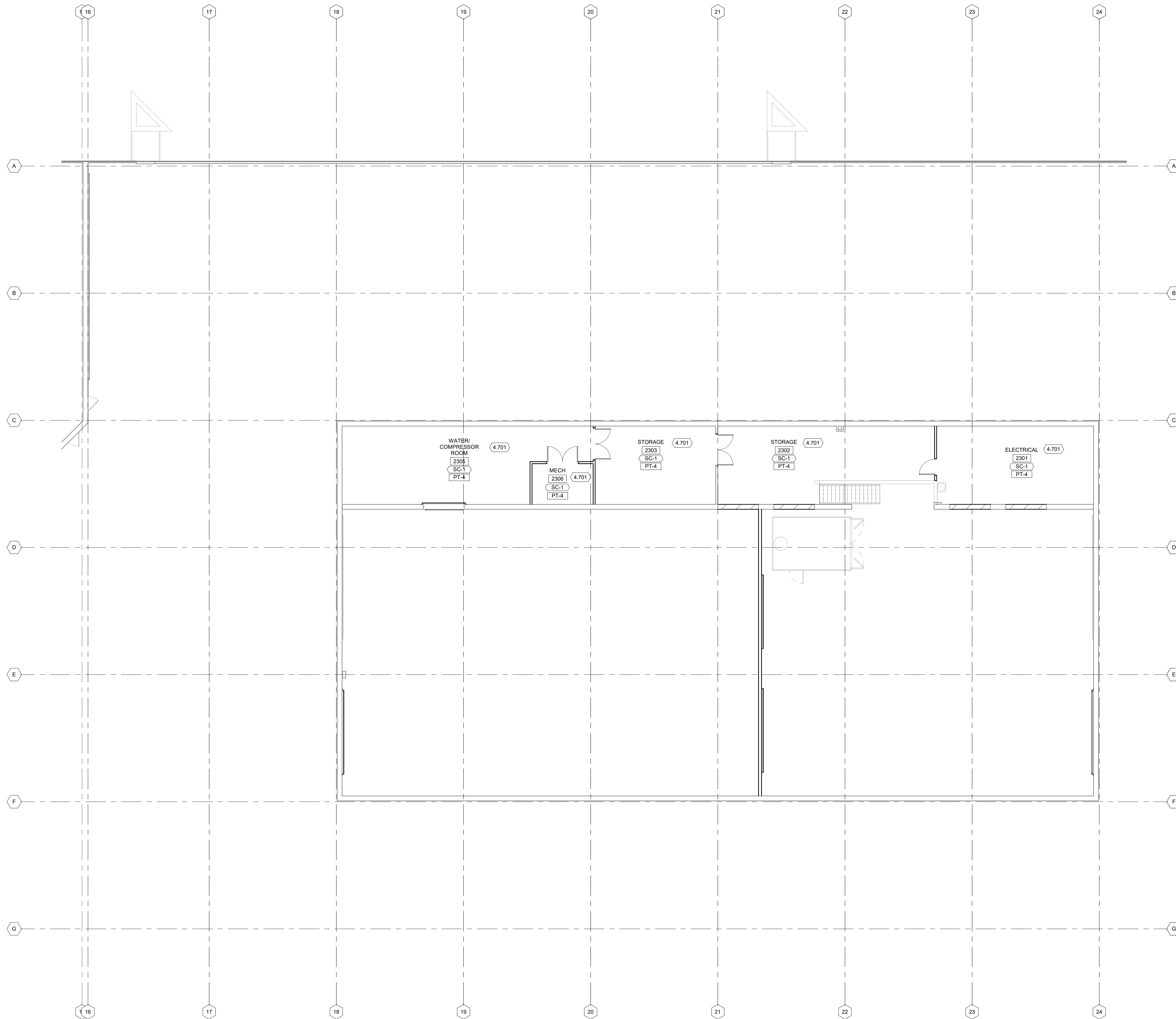
1 FIRST FLOOR FINISH PLAN - AREA F
1/8" = 1'-0"

ROOM FINISH GENERAL NOTES:

1. ALTERNATE NO. 1 SEE SPECIFICATION 012200 - ALTERNATES AND DRAWING G131. ALL WORK ASSOCIATED WITH AREA F, FIRST FLOOR ONLY, AS IDENTIFIED PER DRAWING G131. THIS GENERALLY INCLUDES A BATHROOM/LOCKERROOM, A MAINTENANCE BAY, BODY SHOP, ADJACENT WORKSHOPS AND ASSOCIATED WORK.
2. REFER TO FINISH SCHEDULE, SHEET I-601 FOR MATERIAL SELECTION AND COLOR.
3. REFER TO SHEET I-601 FOR "INTERIORS FINISH" ABBREVIATIONS.
4. REFER TO ROOM FINISH SCHEDULE, SHEET I-601 FOR ALL ROOM FINISHES NOT NOTED ON PLAN.
5. ALL FLOORING TRANSITIONS SHALL BE CENTERED UNDER DOOR IN CLOSED POSITION U.N.O. REFER TO SHEET I-401 FOR FLOORING PATTERN PLAN AND FLOORING TRANSITIONS. REFER TO SHEET I-501 FOR TYPICAL TRANSITION DETAILS.
6. ALL METAL LINEAR DIFFUSERS SHALL BE PAINTED TO MATCH SURROUNDING WALL SURFACE, U.N.O.
7. ALL SHOP PRIMED ACCESS PANELS SHALL BE PAINTED TO MATCH ADJACENT SURFACE.
8. ALL PRECAST CEILINGS SHALL BE PAINTED TO MATCH ADJACENT SURFACE.
9. ALL CONCRETE FLOORS NOT TO RECEIVE ADDITIONAL FINISH SHALL BE SEALED, U.N.O.



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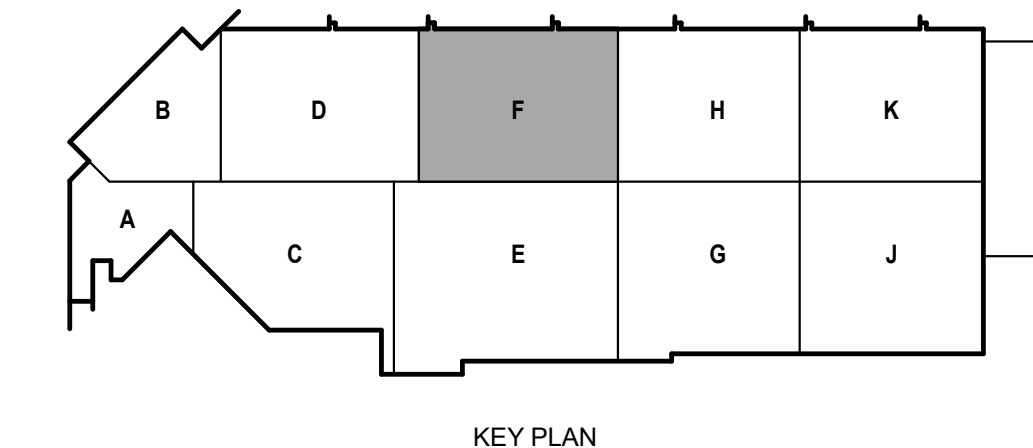
ROOM FINISH GENERAL NOTES:

1. REFER TO FINISH SCHEDULE, SHEET I-601 FOR MATERIAL SELECTION AND COLOR.
2. REFER TO SHEET I-601 FOR "INTERIORS FINISH" ABBREVIATIONS.
3. REFER TO ROOM FINISH SCHEDULE, SHEET I-601 FOR ALL ROOM FINISHES NOT NOTED ON PLAN.
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7. ALL PRECAST CEILINGS SHALL BE PAINTED TO MATCH ADJACENT SURFACE.
8. ALL CONCRETE FLOORS NOT TO RECEIVE ADDITIONAL FINISH SHALL BE SEALED, U.N.O.

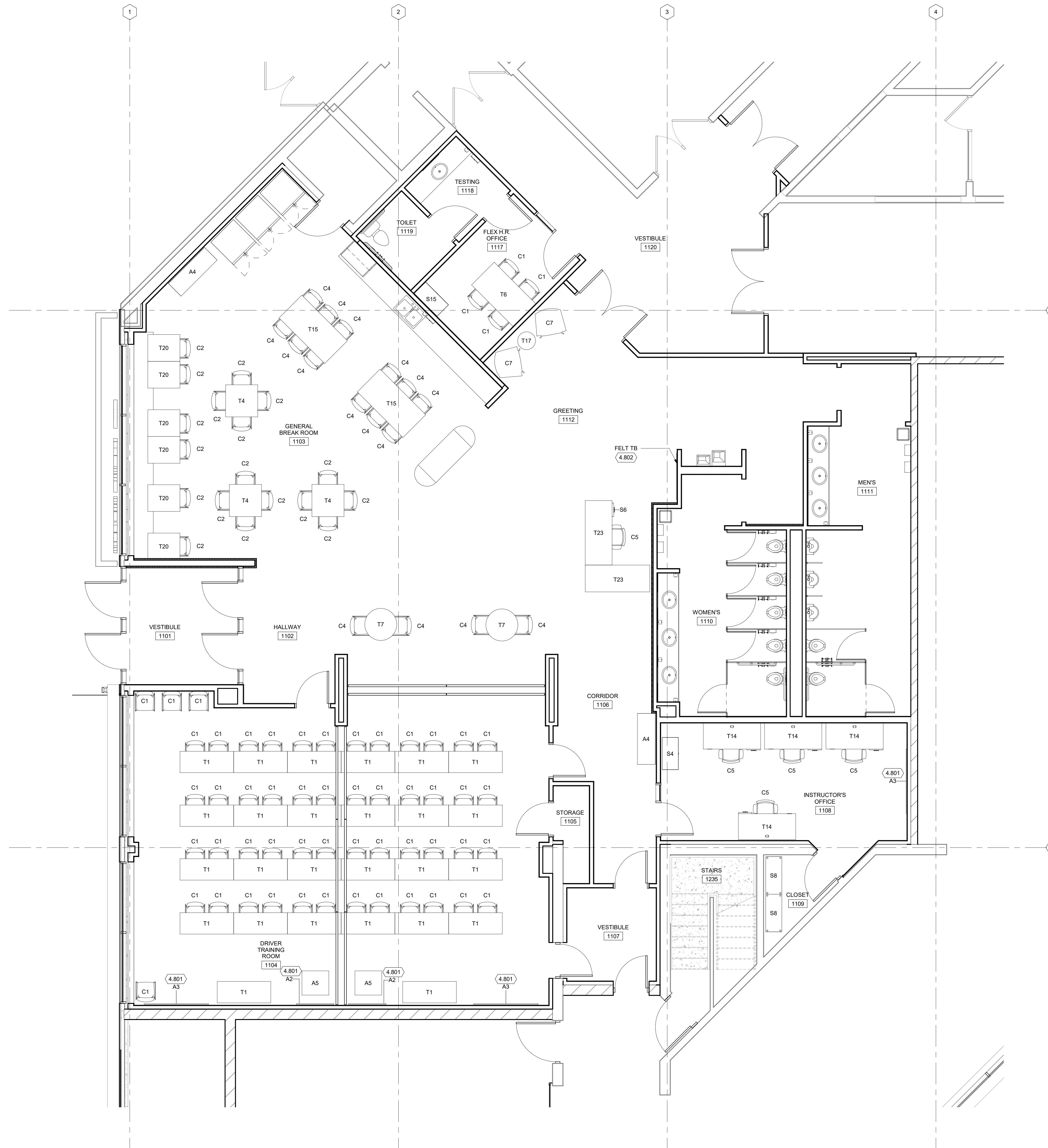
KEYED NOTES

- 4.701 NON CMU WALLS TO HAVE 4" COVE WALL BASE

1 SECOND FLOOR FINISH PLAN - AREA F
1/8" = 1'-0"



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1 FIRST FLOOR FURNITURE PLAN - AREA A
1/4" = 1'-0"

FURNITURE PLAN GENERAL NOTES:

1. FURNITURE SHOWN IS FOR COORDINATION AND IS FOR REFERENCE ONLY. FURNITURE WILL BE PROCURED AND INSTALLED BY SEPERATE CONTRACT.

KEYED NOTES

- 4.801 MARKER BOARDS (A2 & A3) ARE C.F.C.I - SEE FURNITURE SCHEDULE FOR BOARD DIMENSIONS
- 4.802 SEE 141-501 FOR MORE INFORMATION ON FELT TACKBOARD

FURNITURE SCHEDULE		
MARK	ITEM	QTY
A2	WALL MOUNTED GLASS MARKERBOARD 48" x 42"	2
A3	WALL MOUNTED GLASS MARKERBOARD 48" x 72"	3
A4	TRASH AND RECYCLE CREDENZA 57"W x 20"D x 40"H	2
A5	LECTERN WITH STORAGE	2
C1	STACKING CUSHION CHAIR	56
C2	STACKING POLY SHELL CHAIR	18
C4	STACKING POLY SHELL STOOL	16
C5	TASK CHAIR	5
C7	LOUNGE CHAIR	2
S4	3 HIGH LATERAL FILE 36"W	1
S6	PEDESTAL BOX BOX FILE 15"W x 23"D x 28"H	5
S8	WIRE SHELVING UNIT 42"W x 18"D x 74"H	2
S15	4 HIGH LATERAL FILE 36"W	1
T1	FLIP TOP TABLE 60"W x 24"D	26
T4	SQUARE TABLE 4-COLUMN BASE 36"D x 36"W	3
T6	RECTANGULAR TABLE POST LEG 36"D x 66"W	1
T7	STANDING HEIGHT ROUND TABLE 4-COLUMN BASE 36" DIAM	2
T14	HEIGHT-ADJUSTABLE TABLE 66"W x 30"D	4
T15	STANDING HEIGHT TABLE 72"W x 36"D x 42"H	2
T17	URBAN WOOD CUSTOM SIDE TABLE	1
T20	RECTANGULAR TABLE 4-COLUMN BASE 30"W x 36"D	6
T23	O-LEG DESK 72"W x 30"D	2

Mead & Hunt
Mead & Hunt, Inc.
2440 Deming Way
Middleton, WI 53562
phone: 608-273-6380
meadhunt.com



CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND DRIVER FACILITY IMPROVEMENTS
 1101 EAST WASHINGTON AVE.
 MADISON, WI 53703

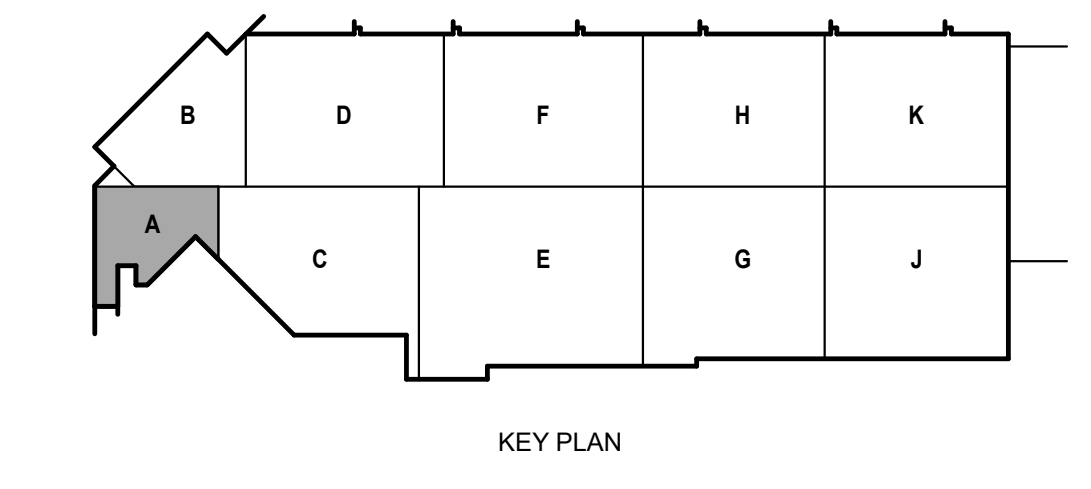
ISSUED 04/08/21 BID SET

CONTRACT NO.: 8981
 MW NO.: 4503500-190896.03
 DATE: APRIL 8, 2021
 DESIGNED BY: SZK
 DRAWN BY: NJO, DJM
 CHECKED BY: RCL, REK
 DO NOT SCALE DRAWINGS

SHEET CONTENTS
 FIRST FLOOR FURNITURE PLAN - AREA A

SHEET NO.:

I-111A





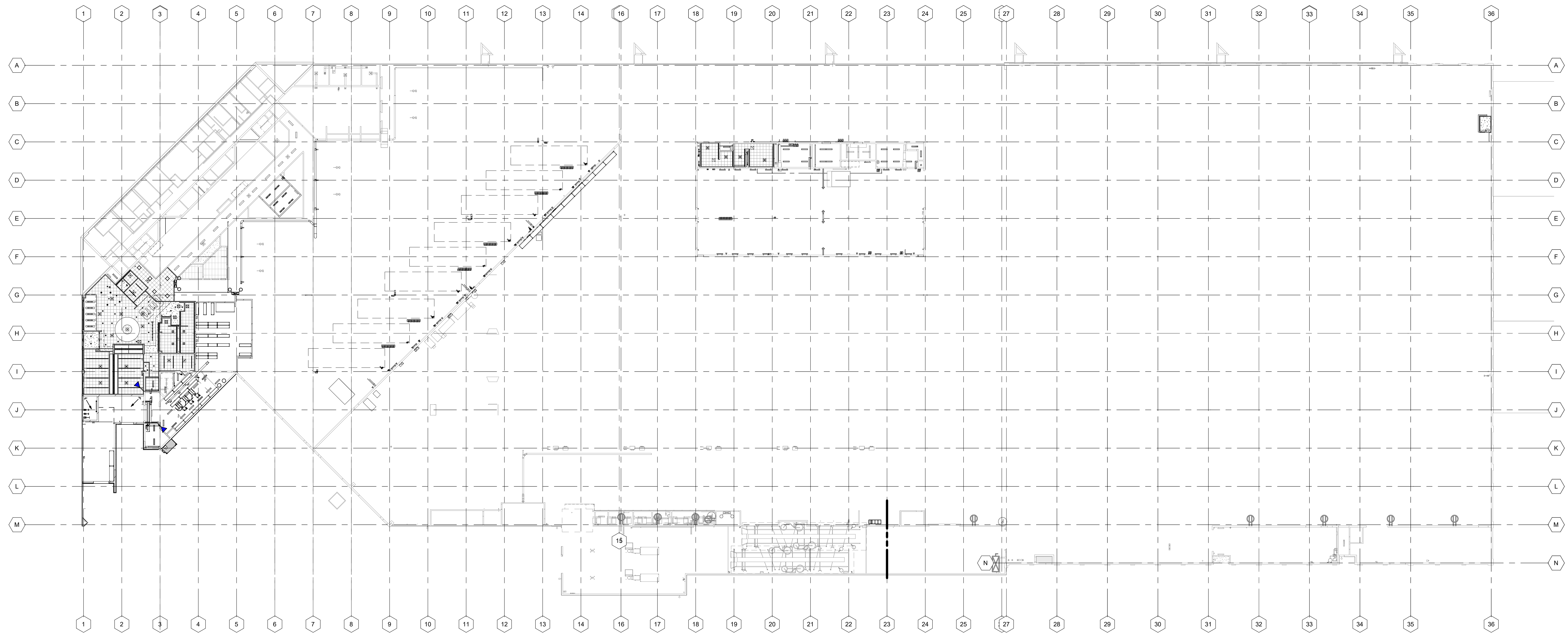
**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

ISSUED
04/08/21 BID SET

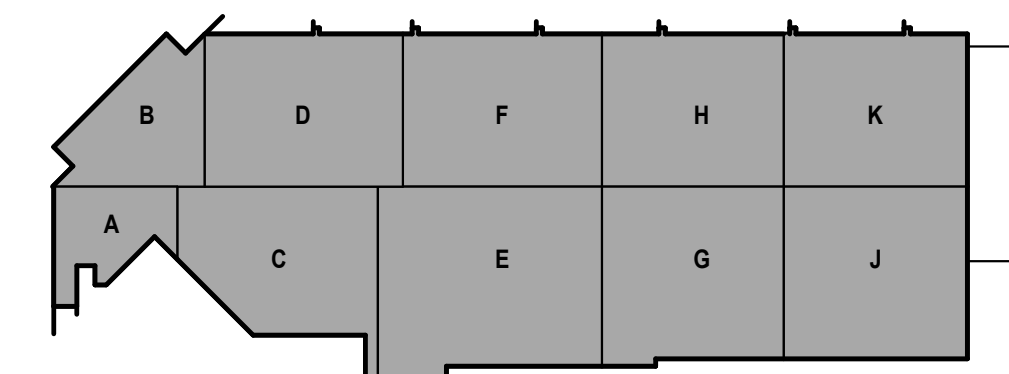
CONTRACT NO.: 8981
MMV NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: SZK
DRAWN BY: NJO, DJM
CHECKED BY: RCL, REK
DO NOT SCALE DRAWINGS

SHEET CONTENTS
FIRST FLOOR
REFLECTED CEILING PLAN

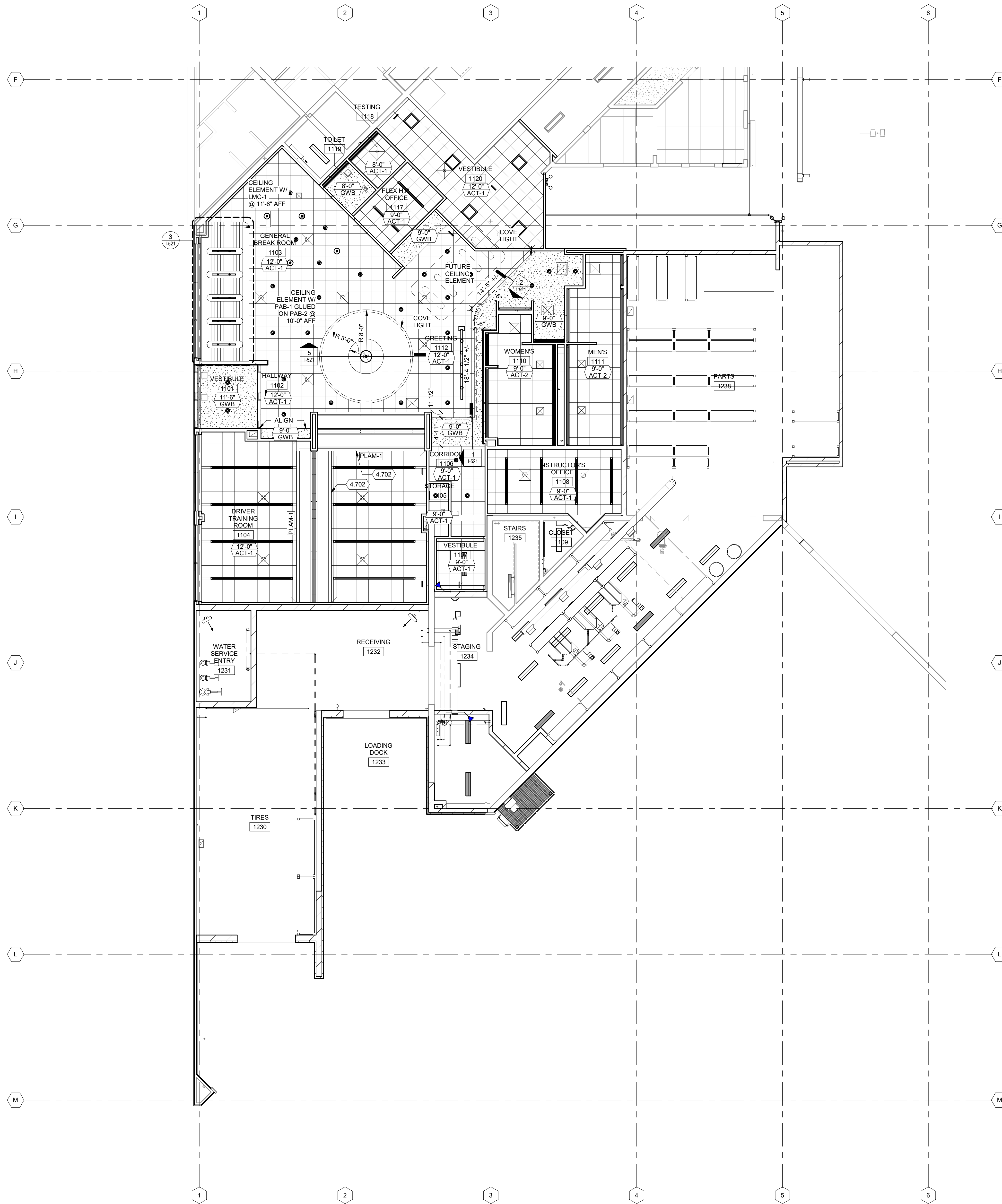
SHEET NO.:



1 1/30' FIRST FLOOR REFLECTED CEILING PLAN
1" = 30'-0"



KEY PLAN



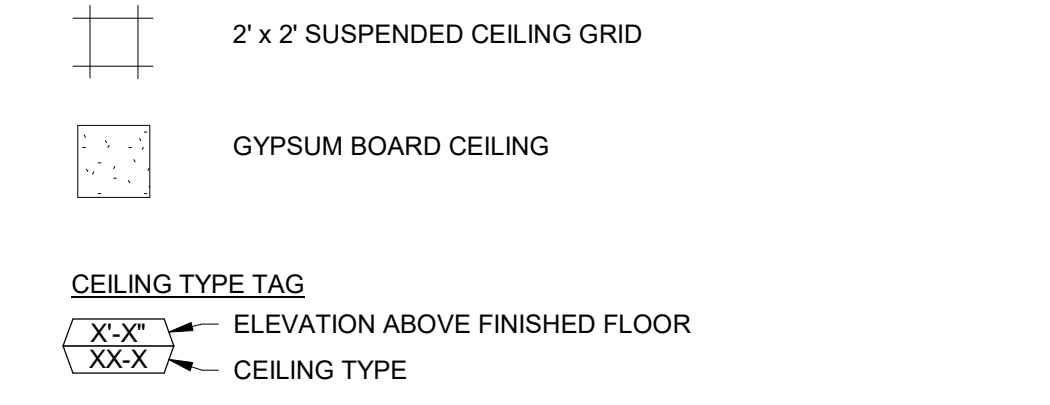
CEILING PLAN GENERAL NOTES:

1. REFLECTED CEILING PLAN IS FOR LAYOUT PURPOSES ONLY. COORDINATE FINAL LOCATION WITH MECHANICAL LOCATIONS.
2. ELECTRICIAN TO PROVIDE ALL REQUIRED OUTLETS.
3. SEE ROOM FINISH SCHEDULE ON I-601 FOR FLOOR, WALL AND CEILING FINISHES AND ROOM HEIGHTS.
4. FIELD VERIFY ALL DIMENSIONS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT FOR FINAL DECISION.
5. ALL RECESSED LIGHTS, SPRINKLERS, FIRE DETECTION EQUIPMENT, OCCUPANCY SENSORS, ETC. SHALL BE CENTERED IN THE TILES UNLESS NOTED OTHERWISE.
6. CENTER ALL CEILING GRIDS IN SPACE UNLESS NOTED OTHERWISE.
7. ALL METAL LINEAR DIFFUSERS SHALL BE PAINTED TO MATCH SURROUNDING WALL OR CEILING CURFACE.
8. REFER TO SHEET I-601 FOR CEILING PAINT COLOR.
9. REFER TO ELECTRICAL FOR LIGHT FIXTURE LEGEND
10. REFER TO SHEET I-521 FOR REFLECTED CEILING DETAILS

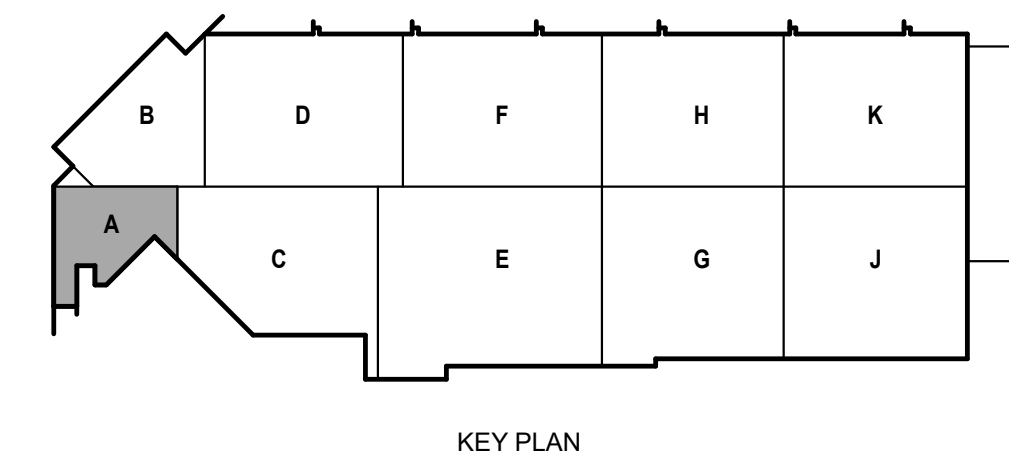
KEYED NOTES

- 4.702 EXPOSED SIDES OF BULKHEADS AND EXPOSED END OF HEADER TO BE PLAM-1. SEE SHEET 4/A-312 FOR OPERABLE VERTICAL PARTITION DETAIL

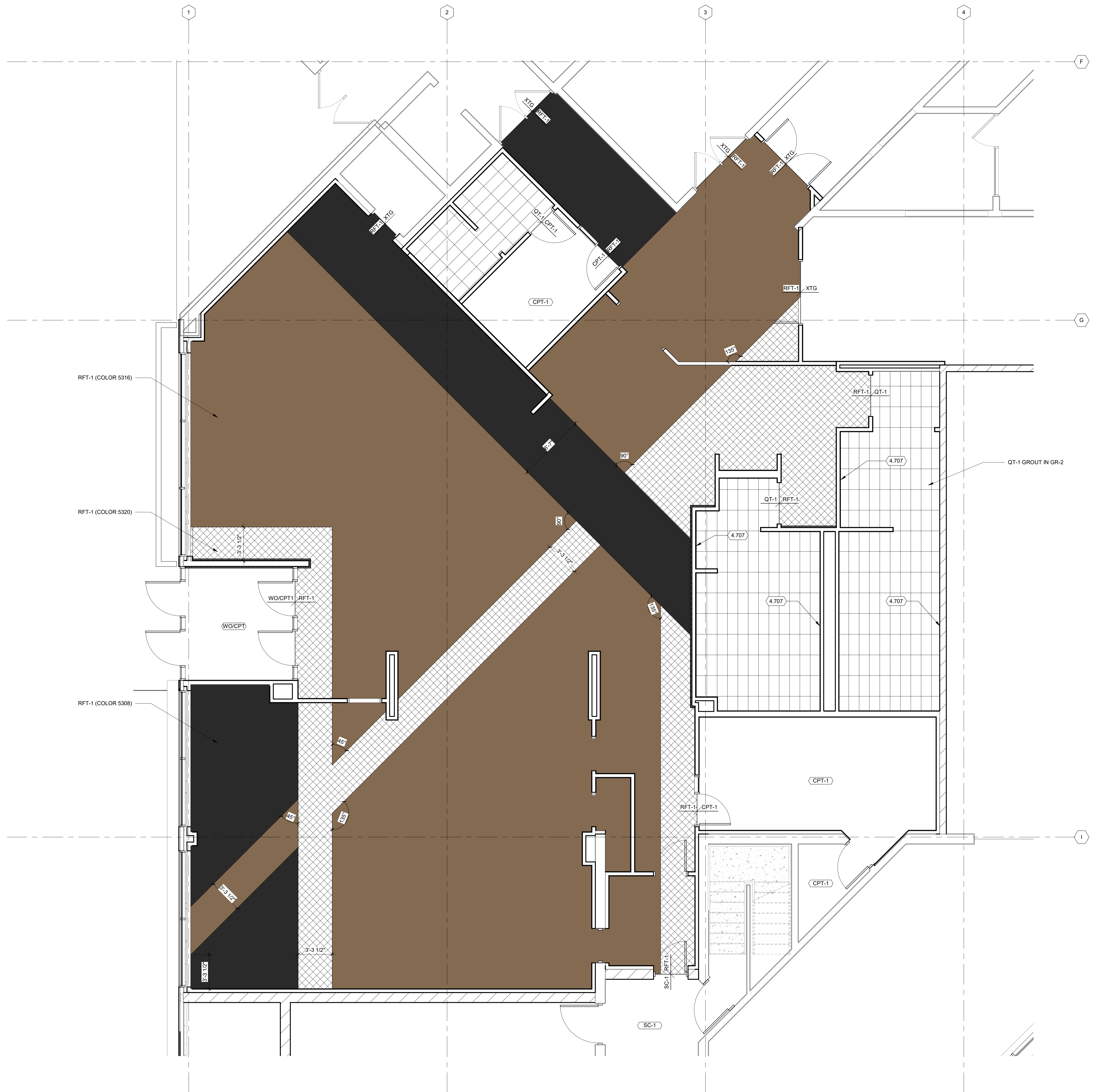
CEILING PLAN LEGEND: SEE ELECTRICAL FOR LIGHT FIXTURE LEGEND



1 FIRST FLOOR REFLECTED CEILING PLAN - AREA A
1/8" = 1'-0"



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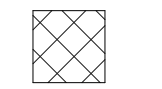


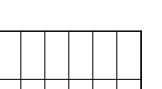
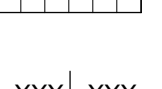
FLOOR FINISH GENERAL NOTES:

1. REFER TO FINISH SCHEDULE, SHEET I-601 FOR MATERIAL SELECTION AND COLOR.
2. REFER TO SHEET I-601 FOR "INTERIORS FINISH" ABBREVIATIONS.
3. REFER TO ROOM FINISH SCHEDULE, SHEET I-601 FOR ALL ROOM FINISHES NOT NOTED ON PLAN.
4. SEE "ARCHITECTURAL FINISH LIST" IN SPECIFICATIONS FOR MATERIAL INFORMATION.
5. ALL FLOORING TRANSITIONS SHALL BE CENTERED UNDER DOOR IN CLOSED POSITION U.N.O. REFER TO SHEET I-401 FOR FLOORING PATTERN PLAN AND FLOORING TRANSITIONS. REFER TO SHEET I-501 FOR TYPICAL TRANSITION DETAILS.
6. ALL CONCRETE FLOORS NOT TO RECEIVE ADDITIONAL FINISH SHALL BE SEALED, U.N.O.

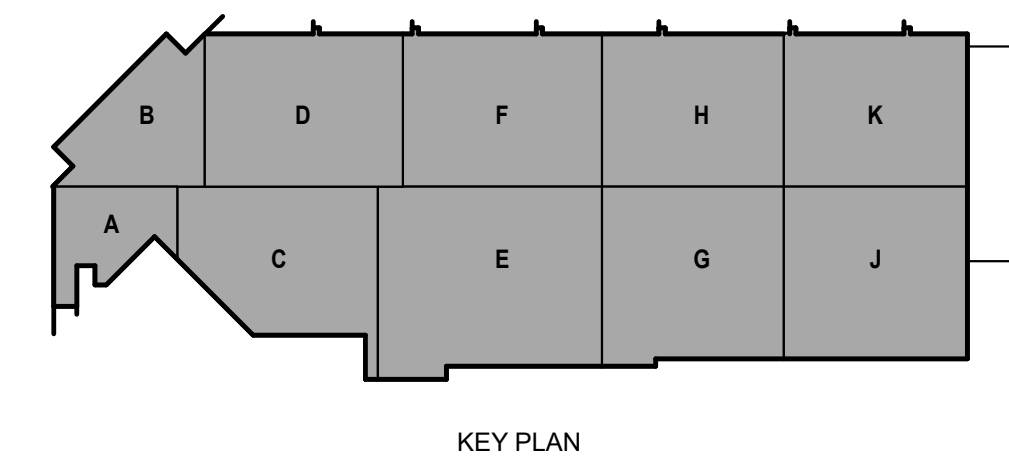
KEYED NOTES

4.707 BASE COVE DETAIL SEE 6/1-501

FLOORING PATTERN LEGEND:

-  RFT-1 (COLOR 5320)
-  RFT-1 (COLOR 5316)
-  RFT-1 (COLOR 5308)
-  QT-1 GROUT IN GR-2
-  XXX|XXX FLOOR MATERIAL TRANSITION - SEE

1 FIRST FLOOR PATTERN PLAN - AREA A
1/4" = 1'-0"



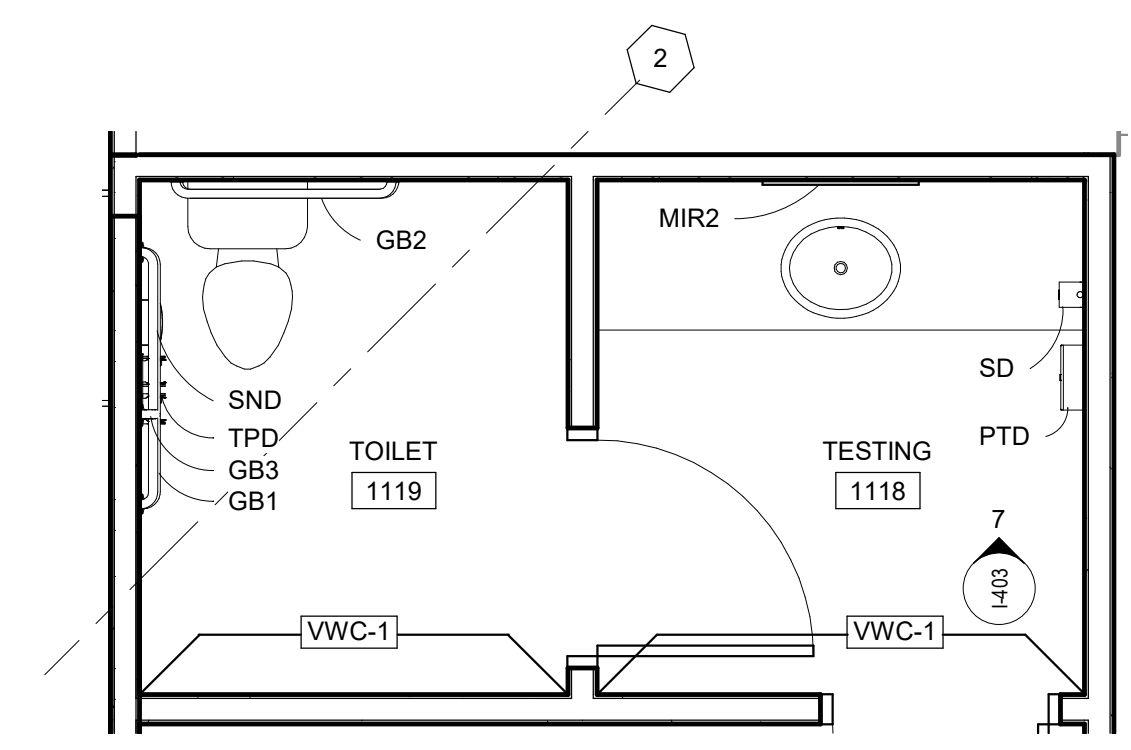
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TOILET ROOM ACCESSORY GENERAL NOTES:

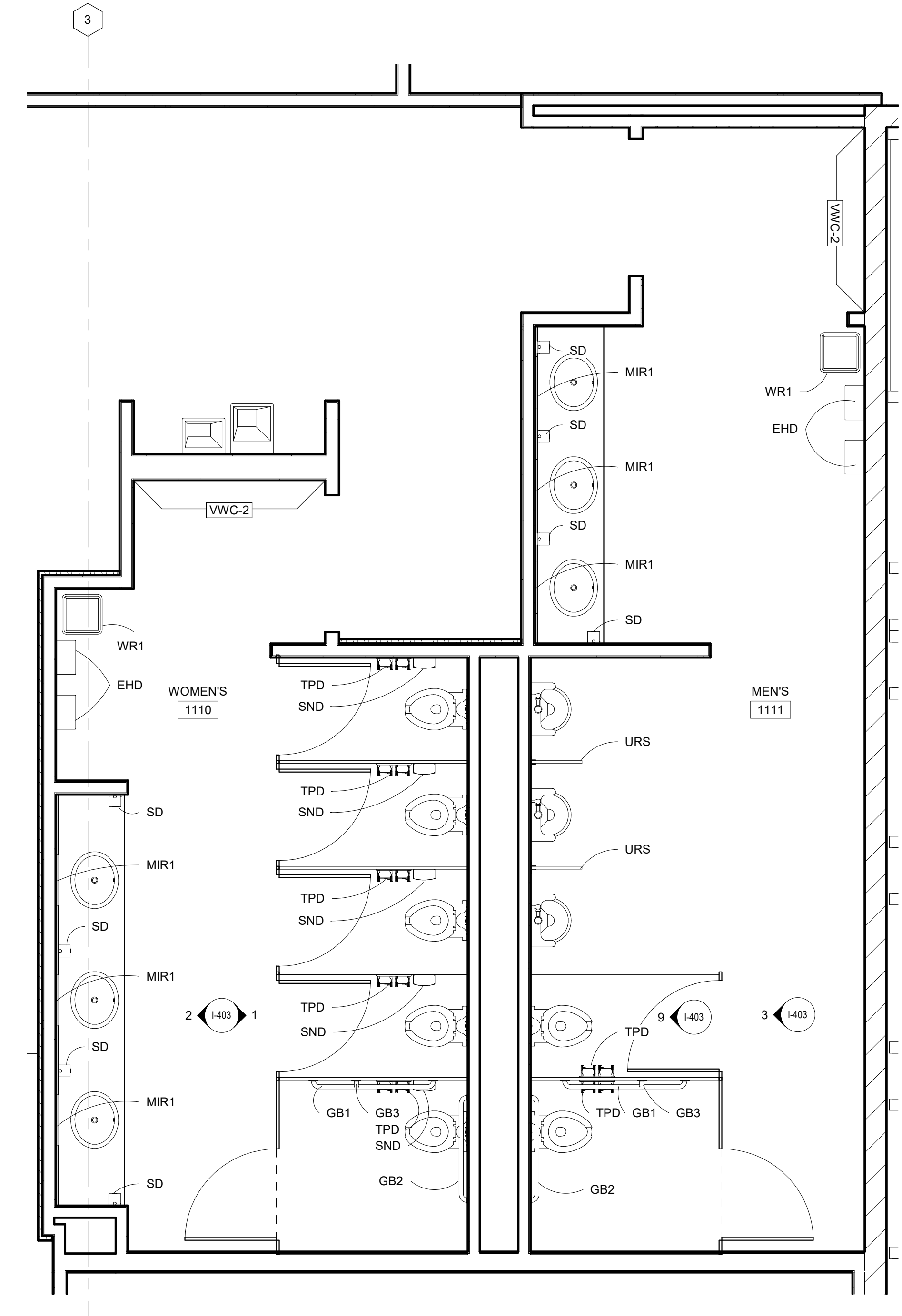
1. LAVATORIES IN TOILET ROOM ARE SOLID SURFACE COUNTERTOPS WITH UNDERCOUNTER MOUNTED BOWLS
2. PROVIDE BLOCKING IN WALLS FOR ALL WALL MOUNTED ACCESSORIES.
3. ALL DOORS AND DRAWERS IN CASEWORK TO HAVE ACCESS CONTROLLED LOCKS AND KEYS.
4. ALL EXPOSED SURFACES OF MILLWORK TO BE PLAM ON 3/4" PART. BD., TYPICAL, UNLESS NOTED OTHERWISE.
5. PROVIDE WATER RESISTANT GYPSUM WALLBOARD AT ALL WET AREAS AND/OR AREAS TO RECEIVE WALL TILE.
6. SEE "ARCHITECTURAL FINISH LIST" IN SPECIFICATIONS FOR MATERIAL INFORMATION.
7. SEE SHEET I-601 FOR "INTERIORS FINISH" ABBREVIATIONS.
8. SEE DETAIL 9/1-403 FOR ALL TOILET ACCESSORY MOUNTING HEIGHTS.
9. SEE SPECIFICATIONS FOR MODEL NUMBERS.

TOILET ACCESSORY KEY

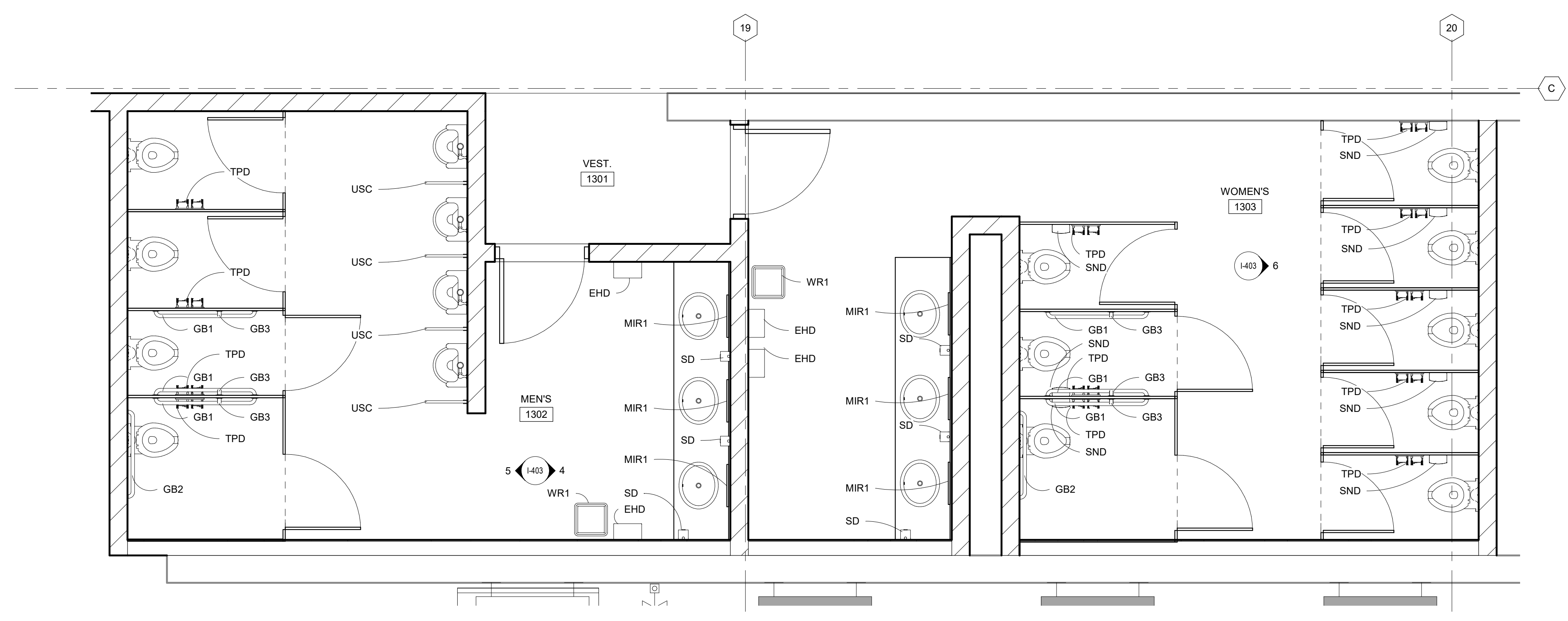
- EHD = ELECTRIC HAND DRYER
 GB1 = GRAB BAR (36"W. x 54"D. x 33 A.F.F.)
 GB2 = GRAB BAR (36"L. x 33" A.F.F.)
 GB3 = GRAB BAR (42" L. x 33" A.F.F.)
 MIR1 = MIRROR - FRAMELESS (30"L. x 18" W.)
 MIR2 = MIRROR - FRAMELESS (36"L. x 24" W.)
 PTD = PAPER TOWEL DISPENSER/DISPOSAL
 (OWNER FURNISHED, CONTRACTOR INSTALLED)
 SD = SOAP DISPENSER
 (OWNER FURNISHED, CONTRACTOR INSTALLED)
 SND = SANITARY NAPKIN RECEPTACLE
 TPD = TOILET PAPER DISPENSERS
 (OWNER FURNISHED, CONTRACTOR INSTALLED)
 URS = URINAL SCREEN
 WR = WASTE RECEPTABLE



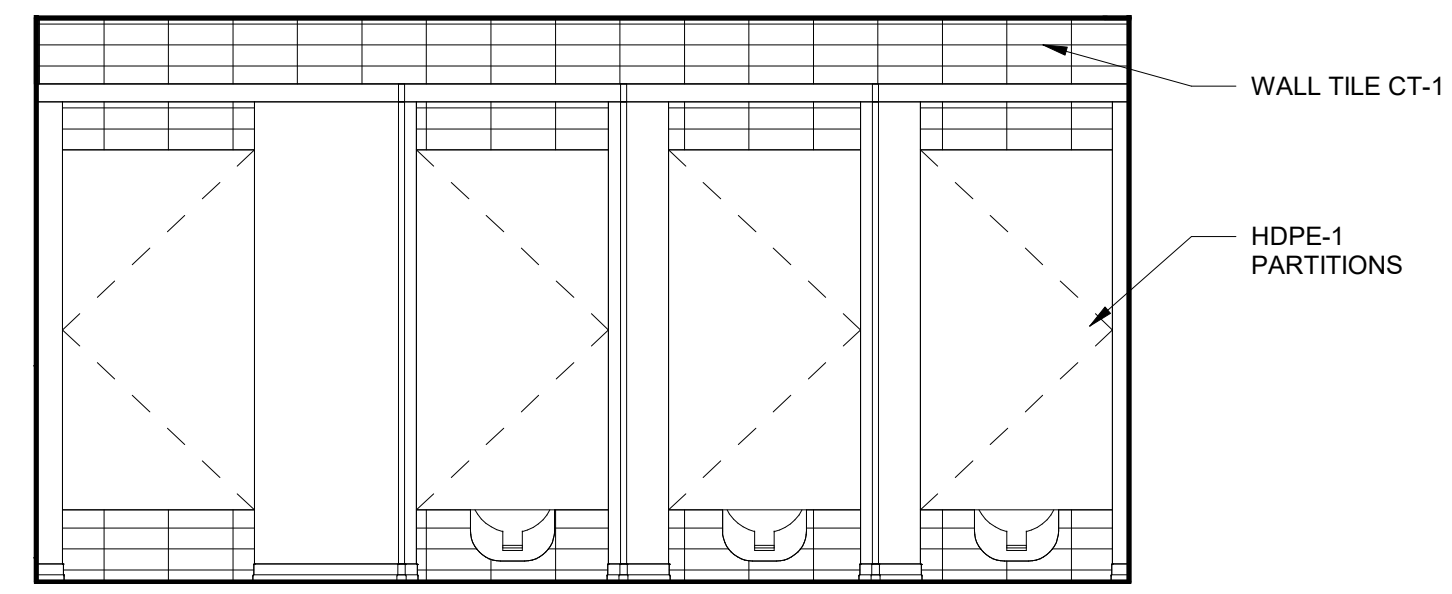
3 TESTING ADA TOILET ENLARGED FLOOR PLAN
3/8" = 1'-0"



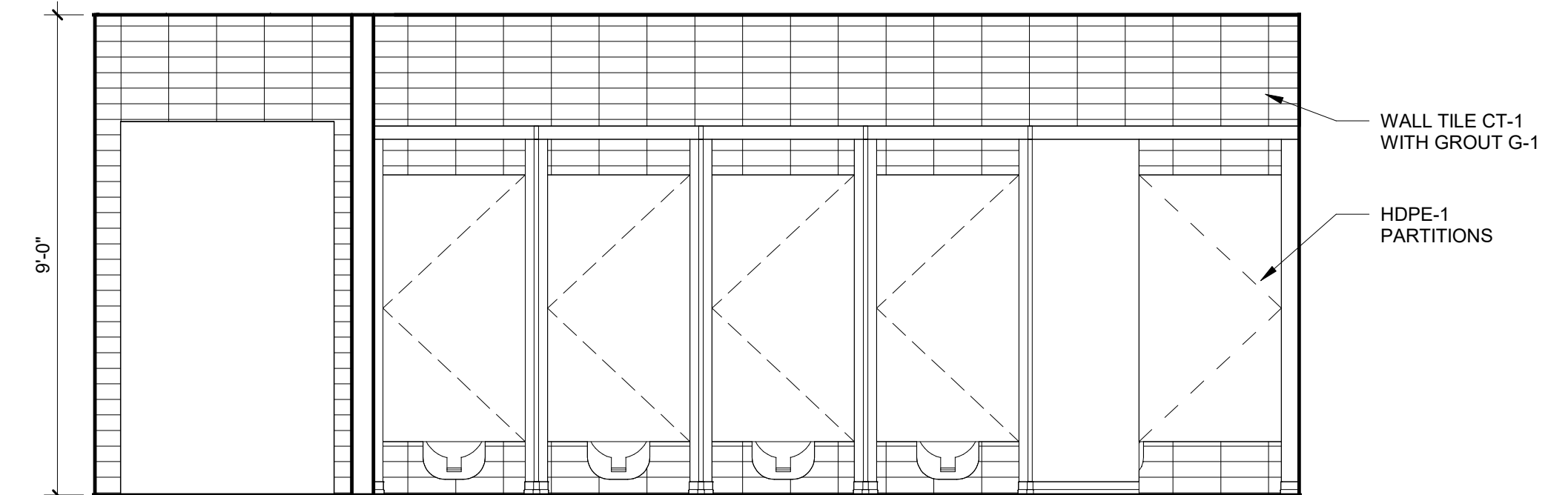
1 DRIVER ADA TOILET ENLARGED FLOOR PLAN
3/8" = 1'-0"



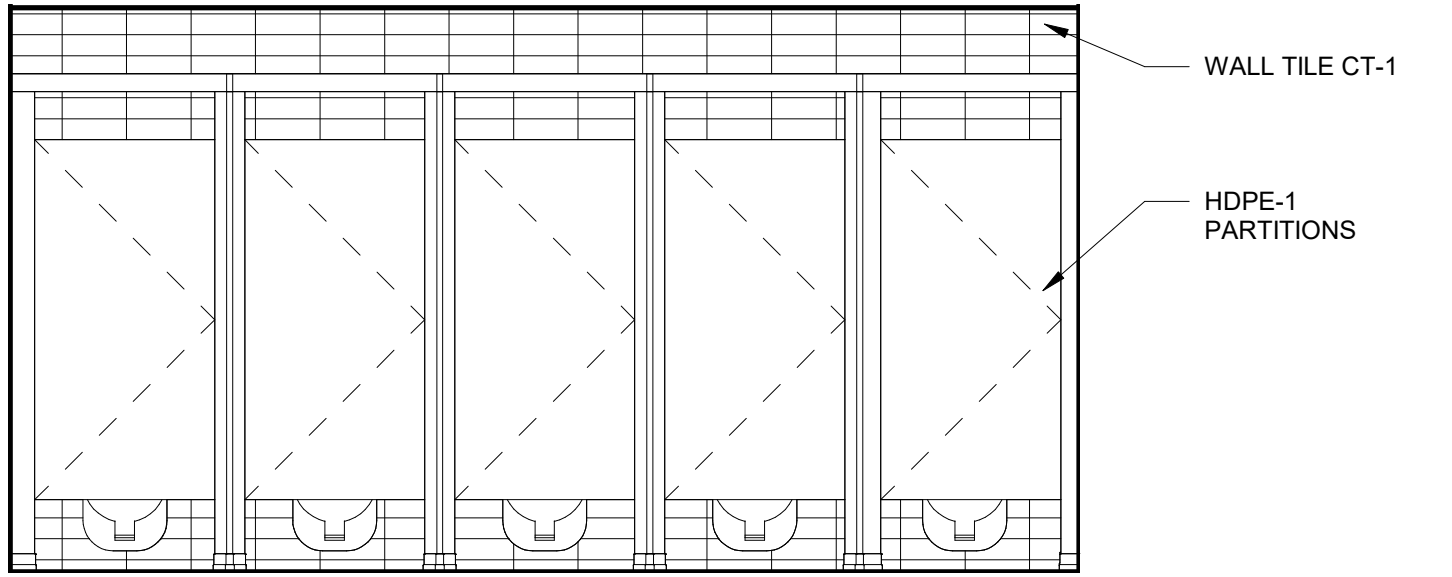
2 MAINTENANCE ADA TOILET ENLARGED FLOOR PLAN
3/8" = 1'-0"



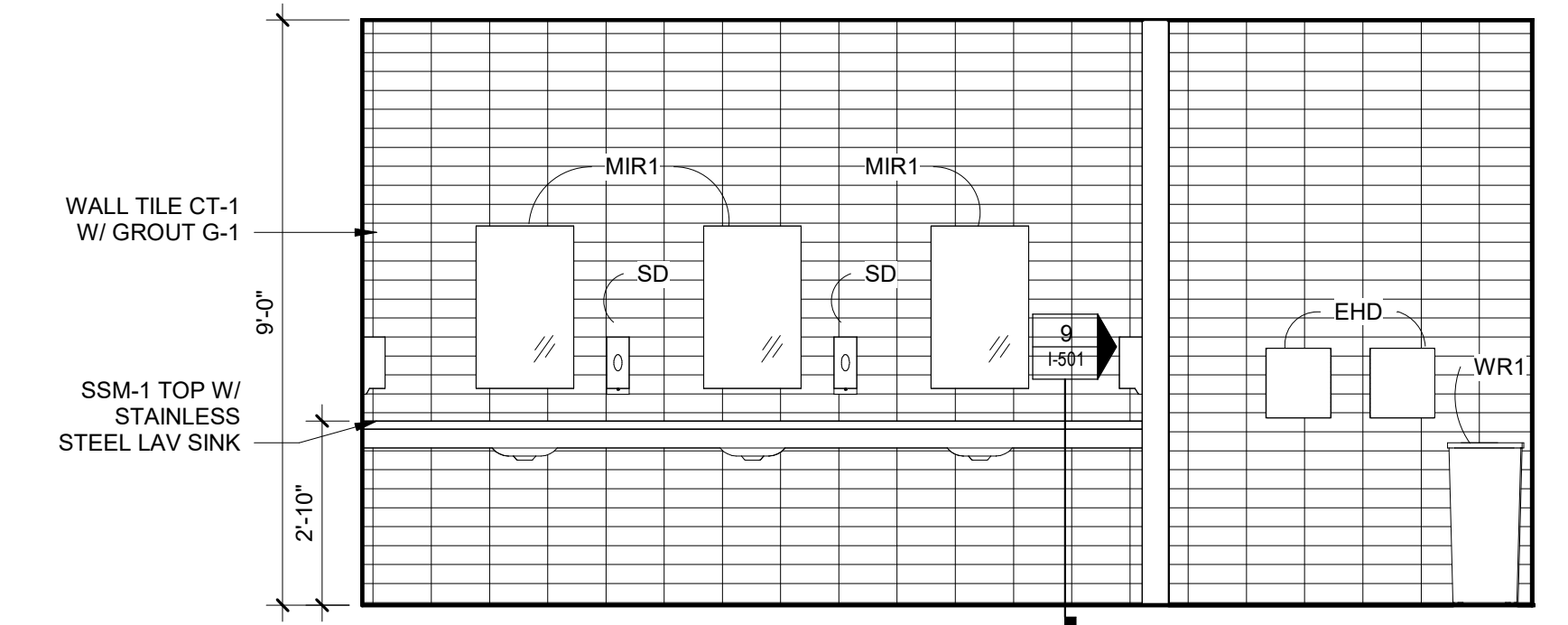
5 MEN'S MAINTENANCE RESTROOM (WEST WALL)
3/8" = 1'-0"



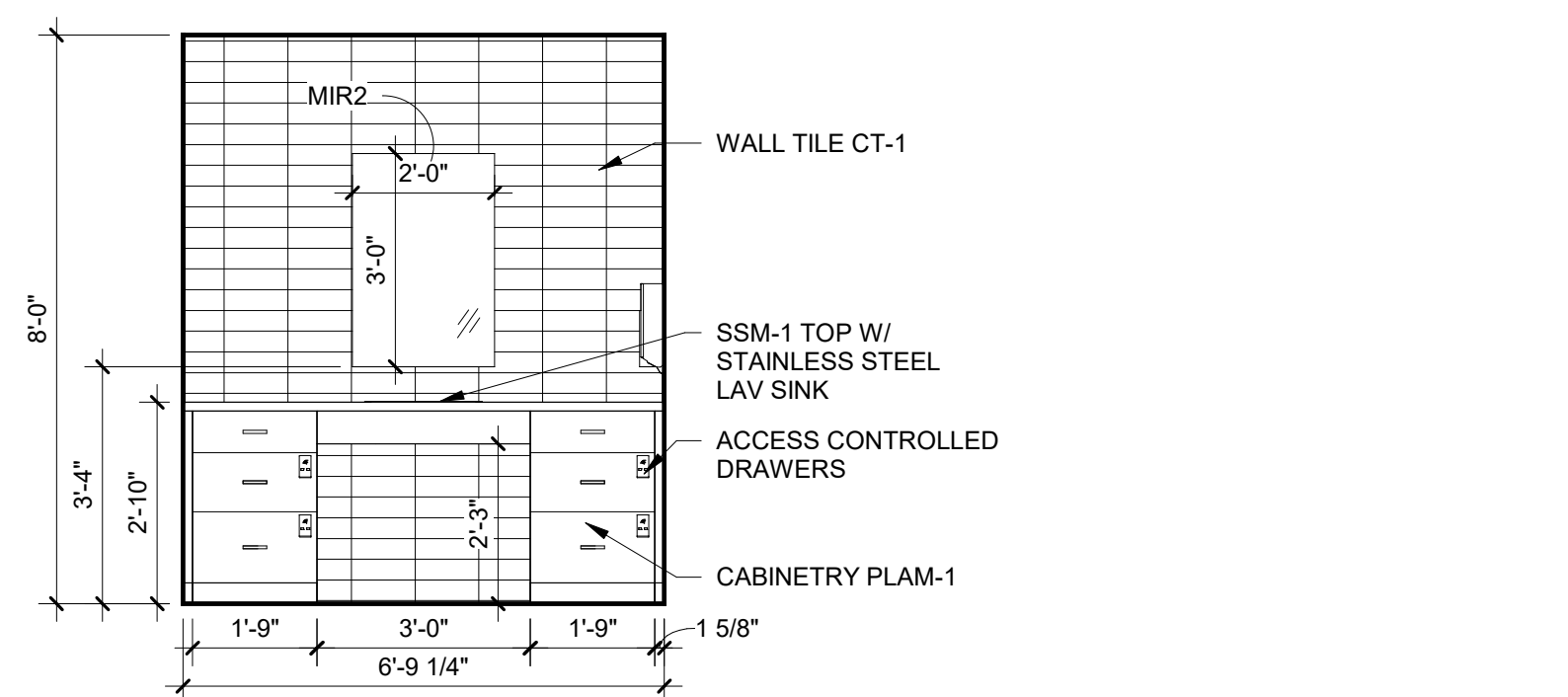
1 WOMEN'S RESTROOM (EAST WALL)
3/8" = 1'-0"



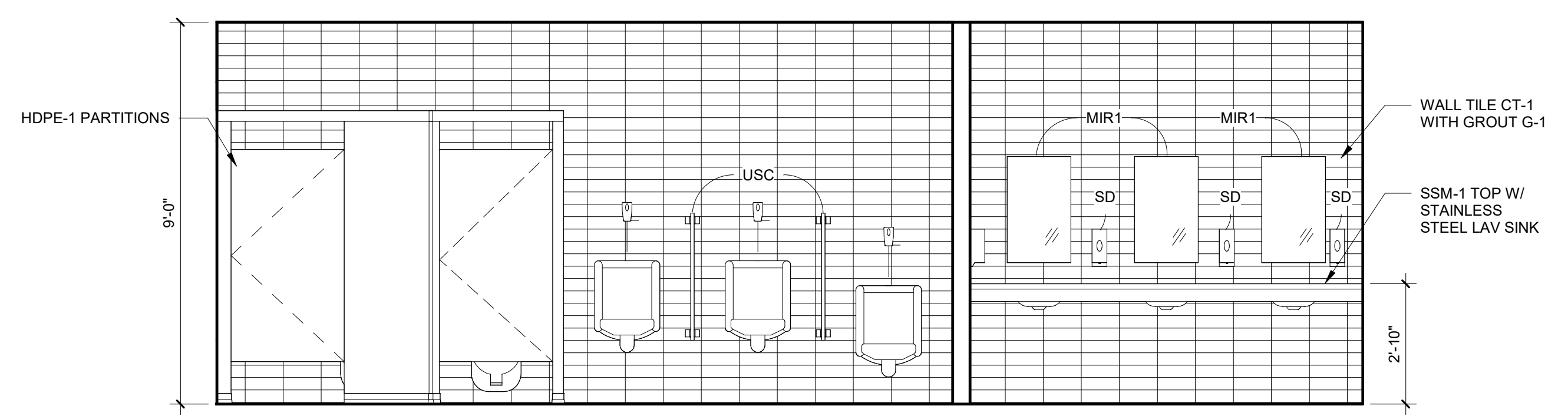
6 WOMEN'S MAINTENANCE RESTROOM (EAST WALL)
3/8" = 1'-0"



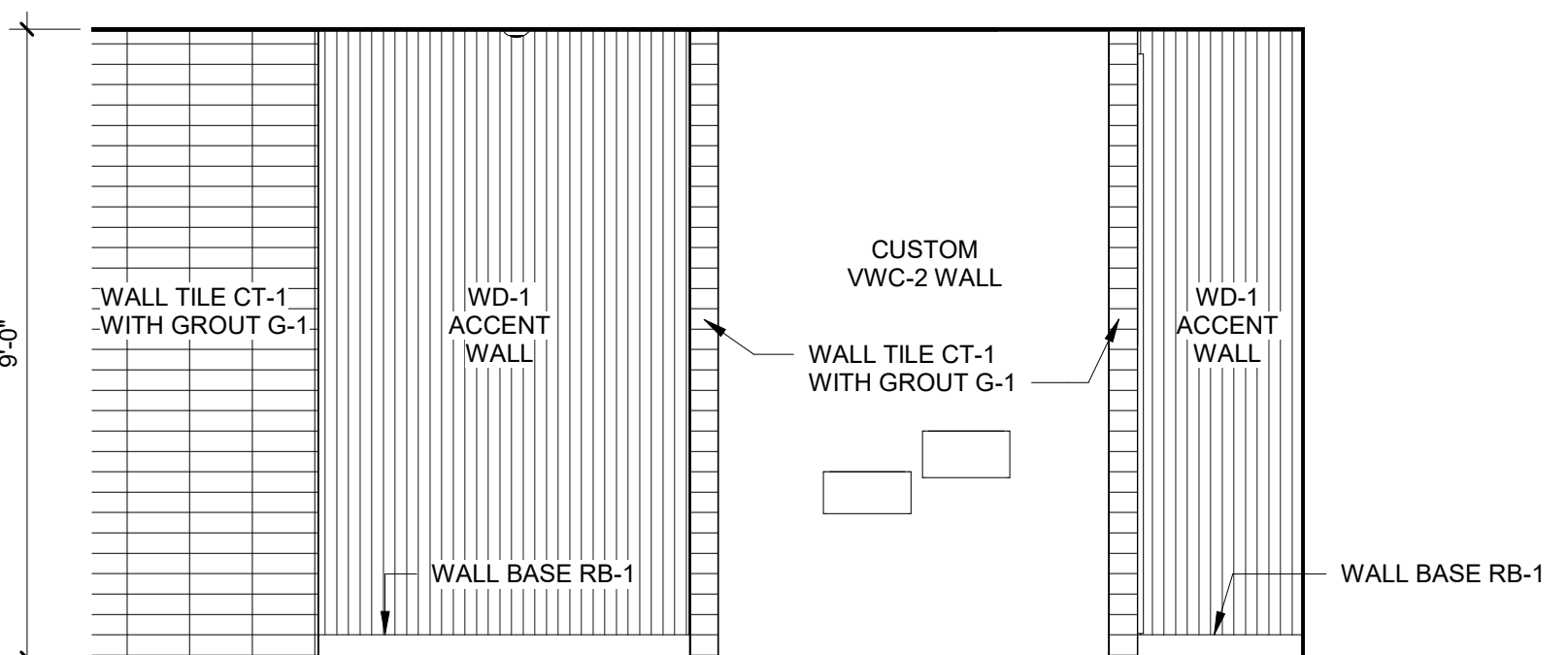
2 WOMEN'S RESTROOM (WEST WALL)
3/8" = 1'-0"



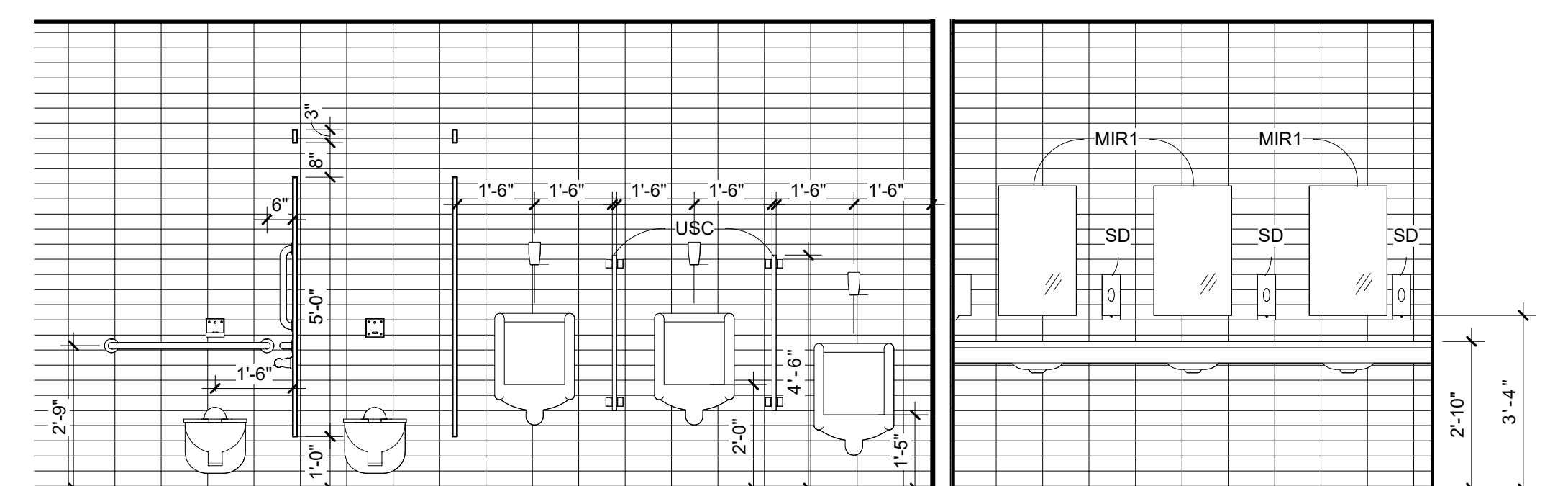
7 TESTING ROOM CASEWORK
3/8" = 1'-0"



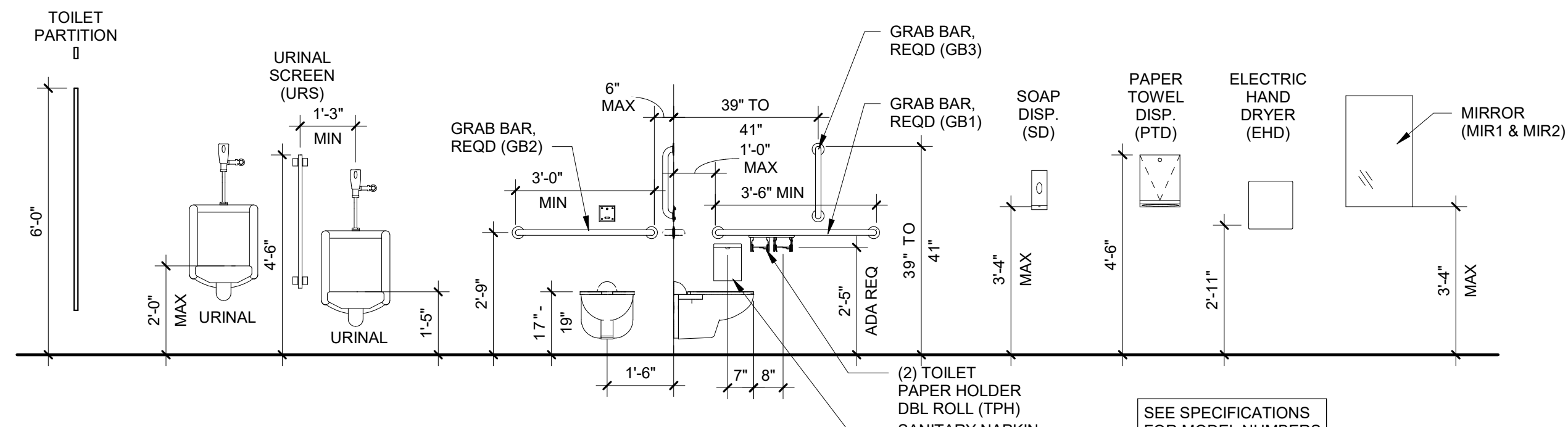
3 MEN'S RESTROOM (WEST WALL)
3/8" = 1'-0"



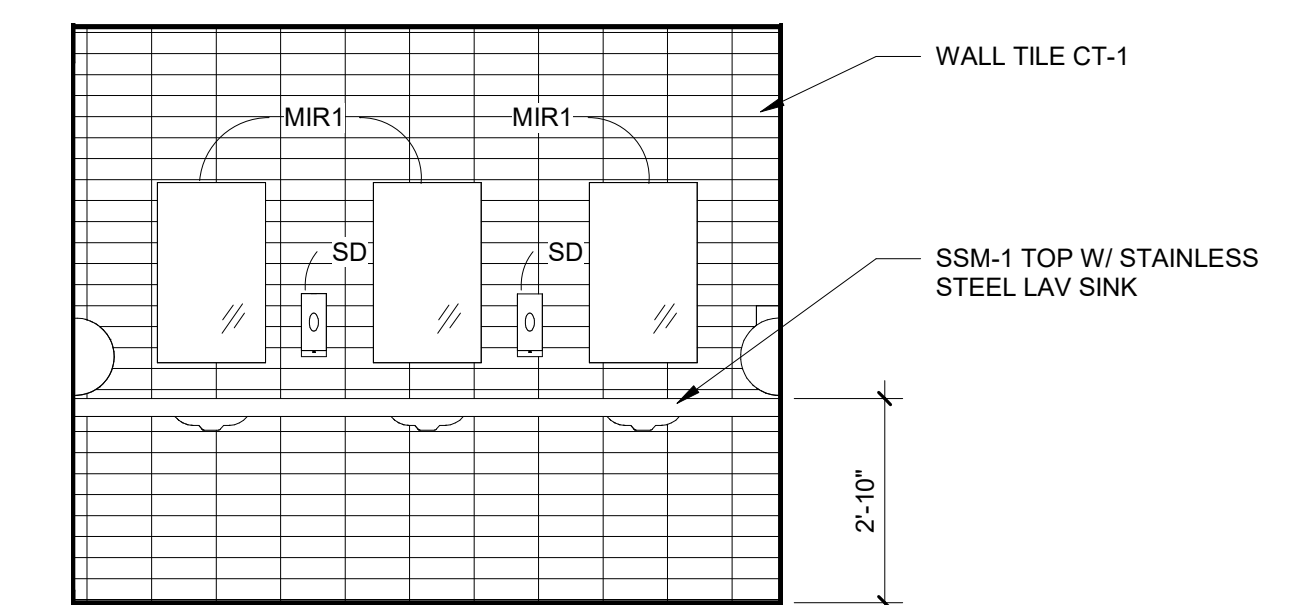
8 DRINKING FOUNTAIN AREA
3/8" = 1'-0"



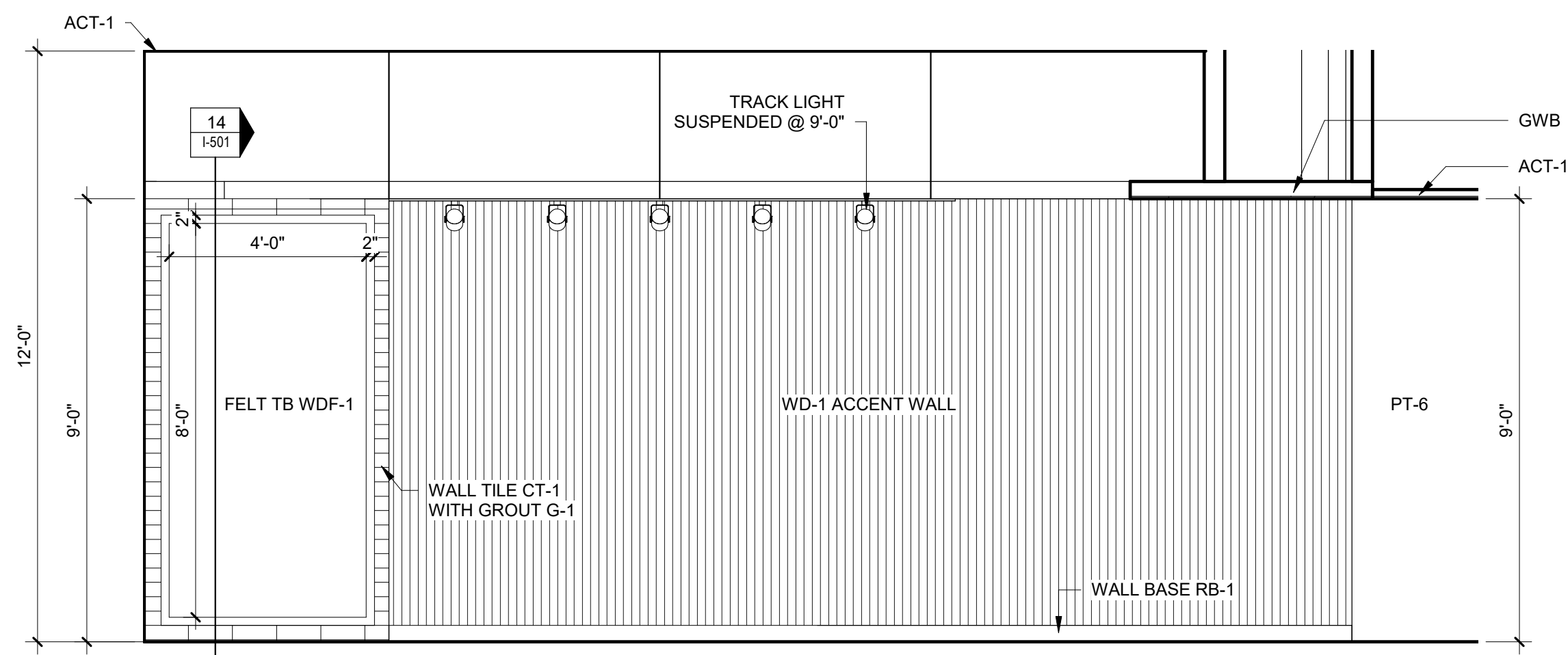
9 MEN'S RESTROOM (WEST WALL) WITH MOUNTING HEIGHTS
3/8" = 1'-0"



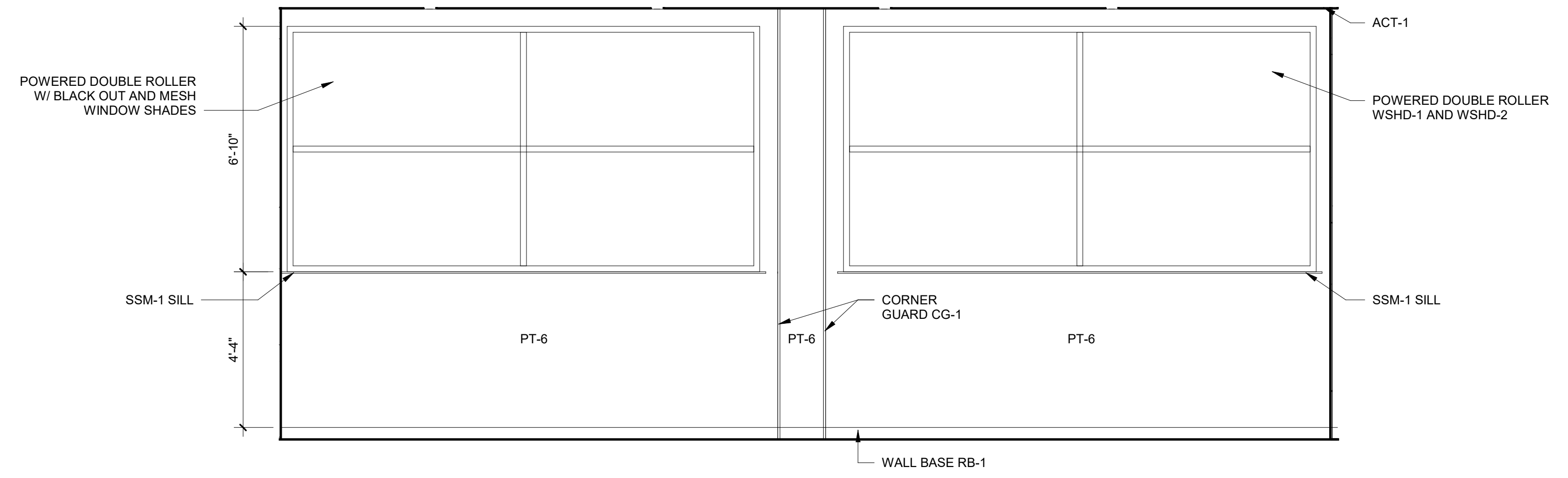
10 ACCESSORY MOUNTING HEIGHTS
3/8" = 1'-0"



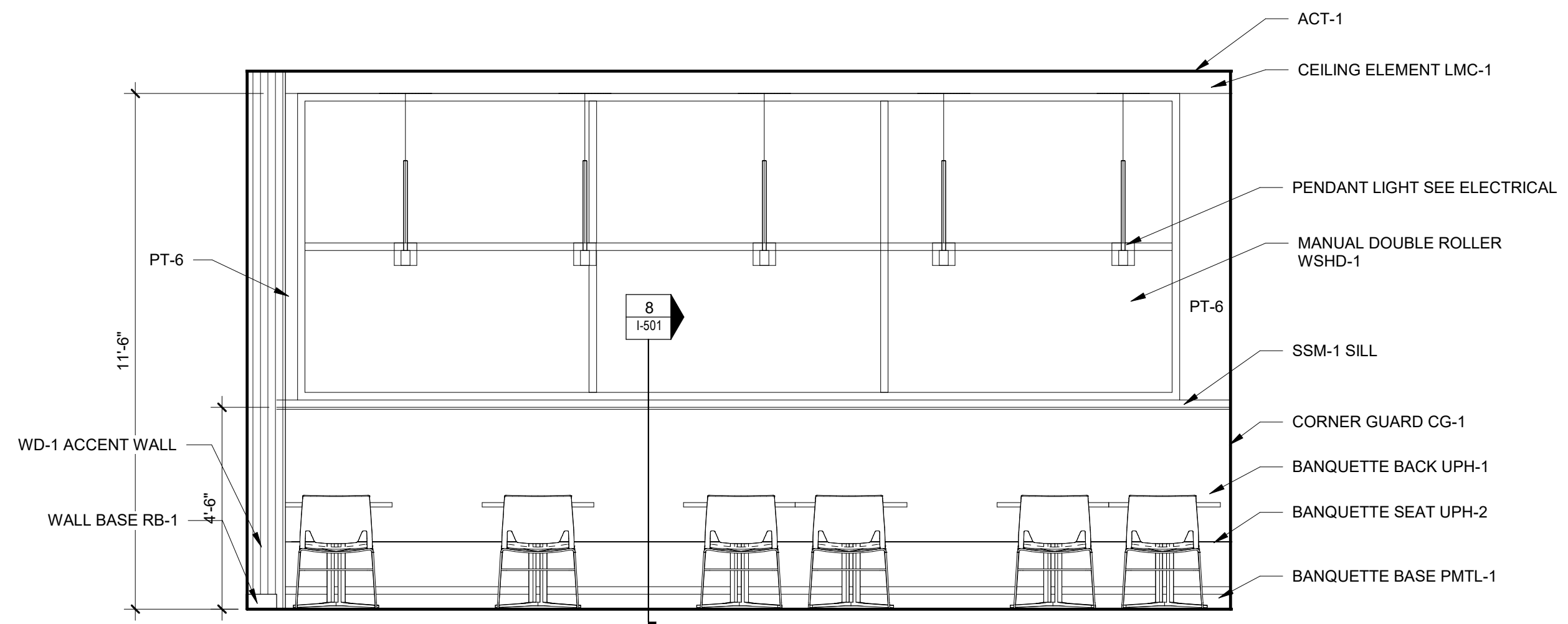
4 MEN'S MAINTENANCE RESTROOM (EAST WALL)
3/8" = 1'-0"



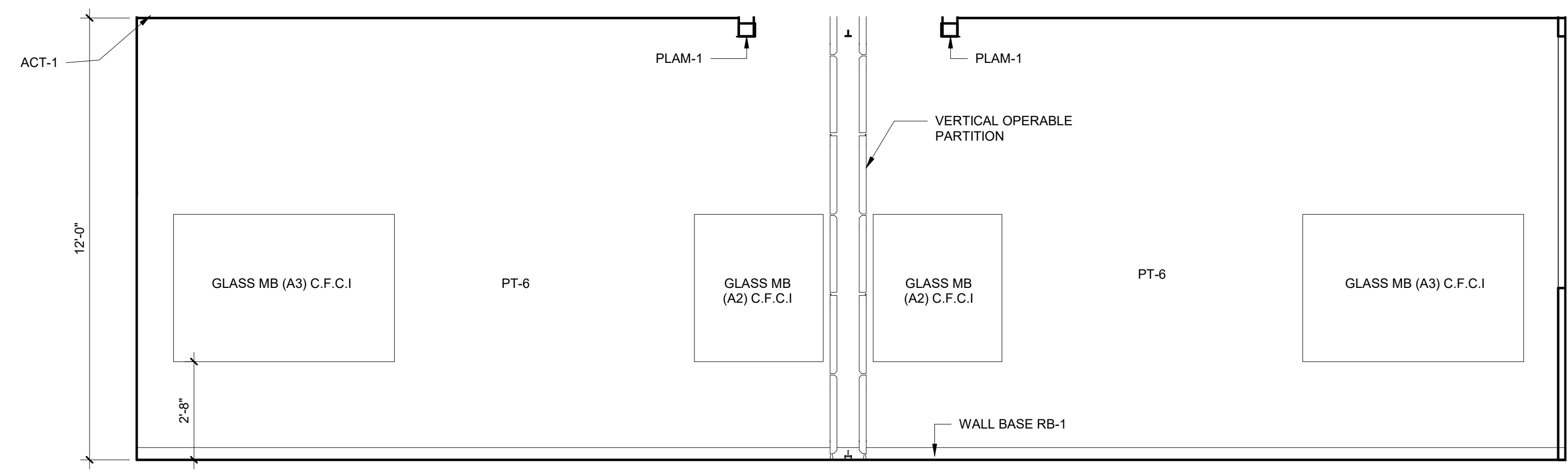
5 GREETING AND COORIDOR
3/8" = 1'-0"



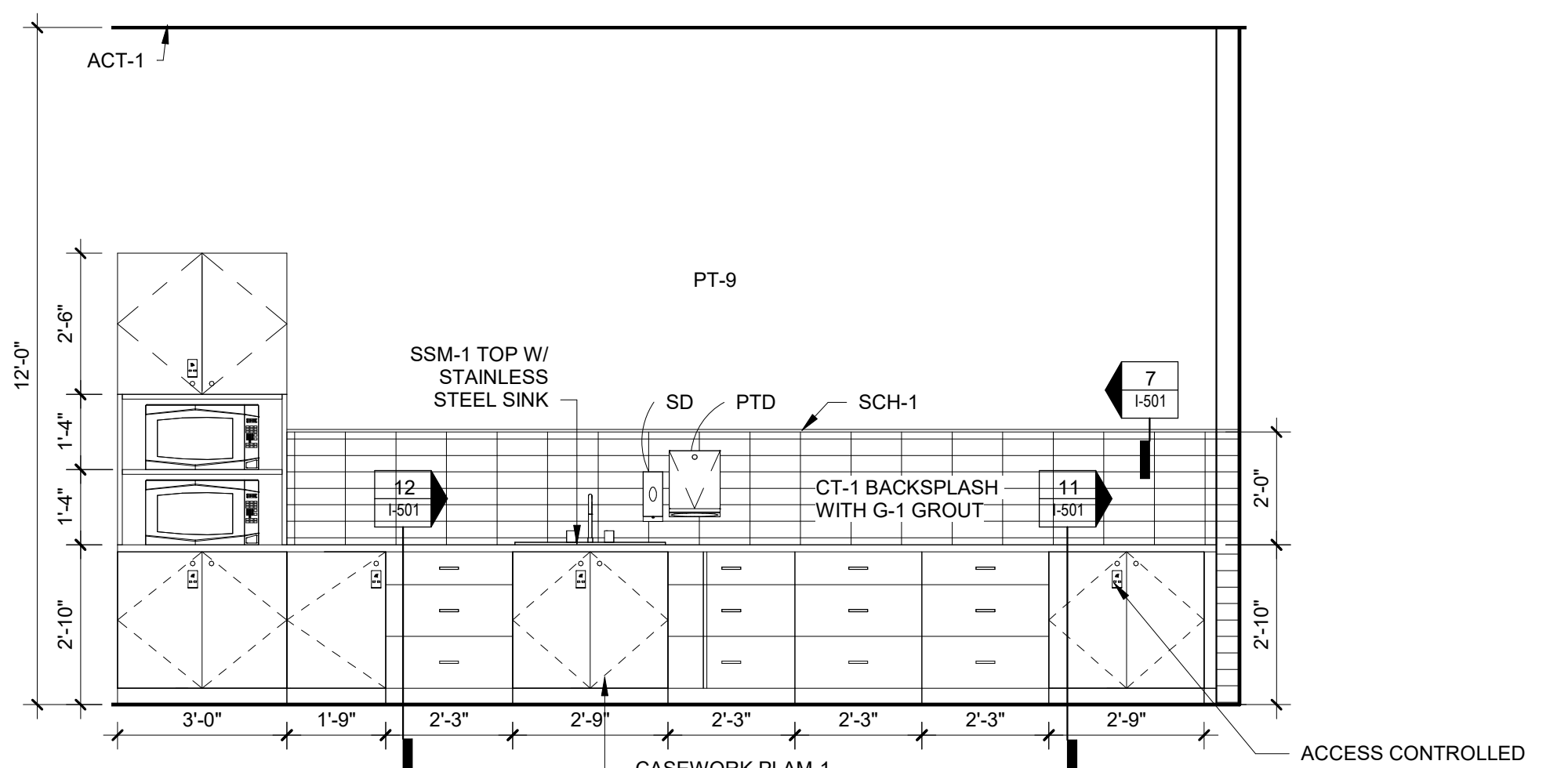
1 DRIVER TRAINING ROOM (WEST WALL)
3/8" = 1'-0"



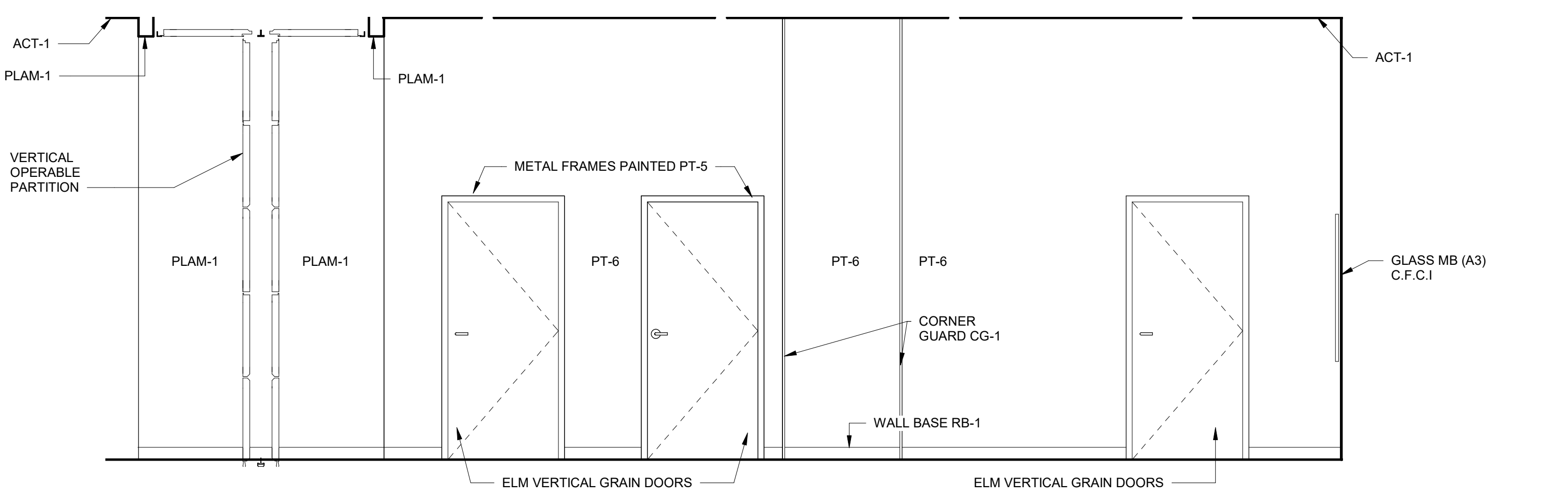
6 BANQUETTE SEATING
3/8" = 1'-0"



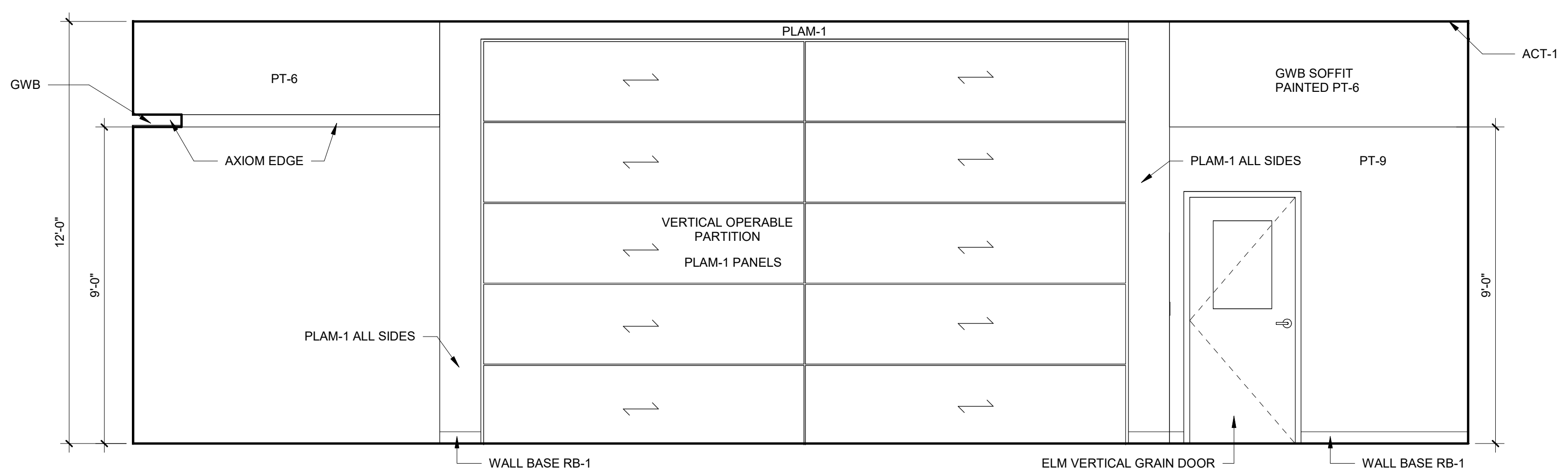
2 DRIVER TRAINING ROOM (SOUTH WALL)
3/8" = 1'-0"



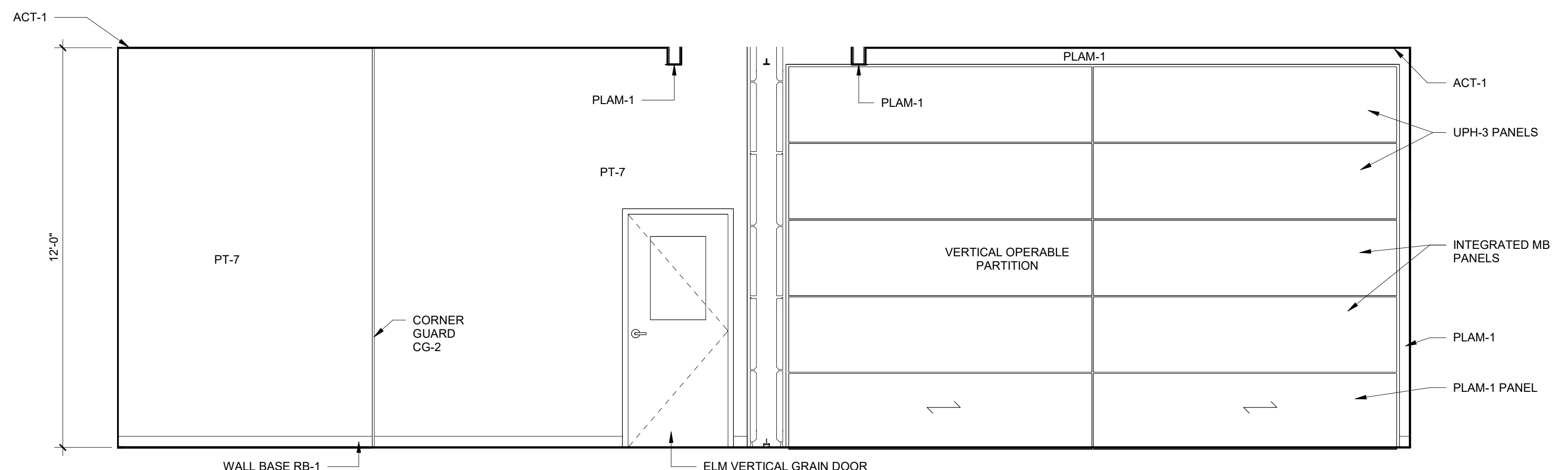
7 GENERAL BREAK ROOM CASEWORK
3/8" = 1'-0"



3 DRIVER TRAINING ROOM (EAST WALL)
3/8" = 1'-0"

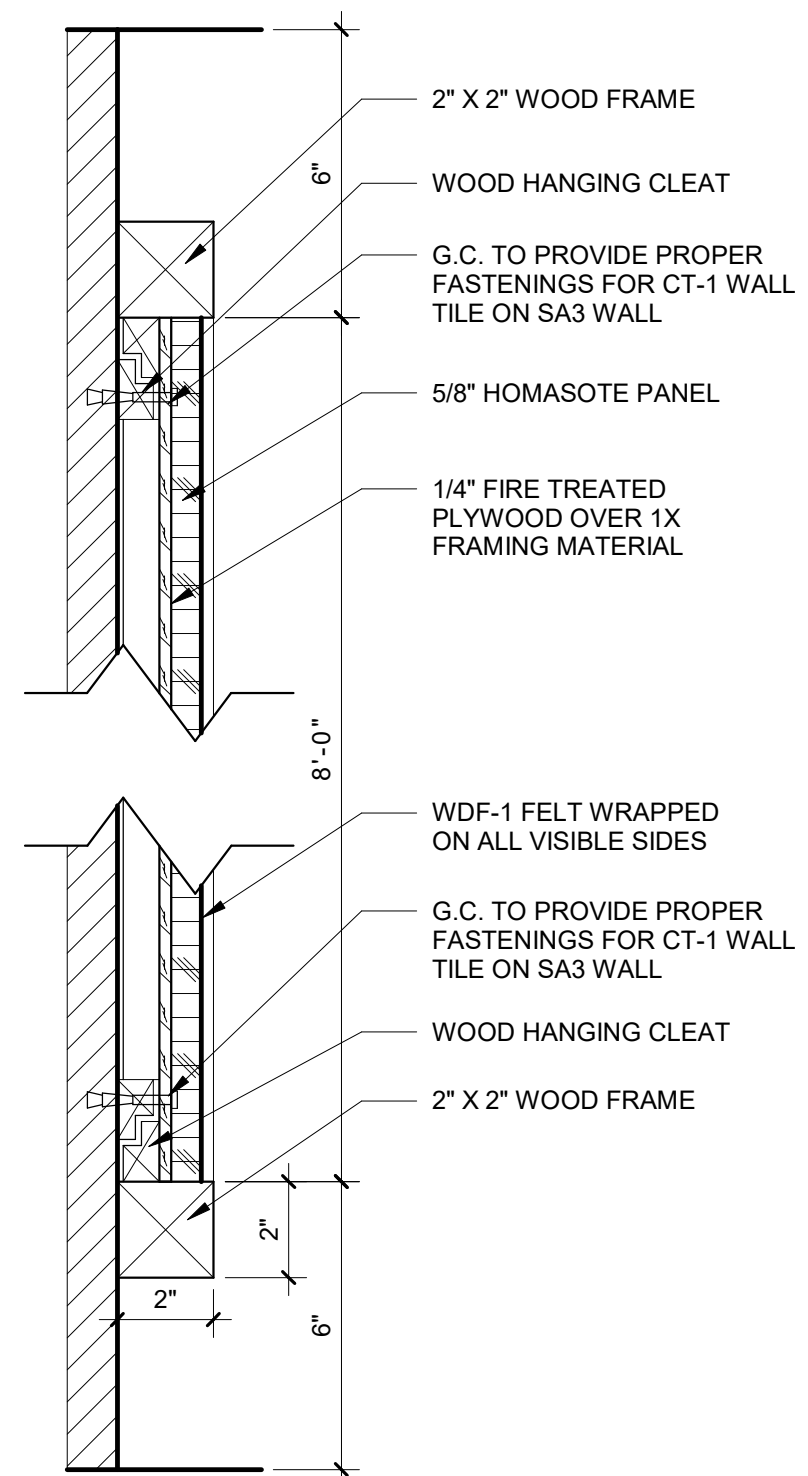


8 HALLWAY (SOUTH WALL)
3/8" = 1'-0"

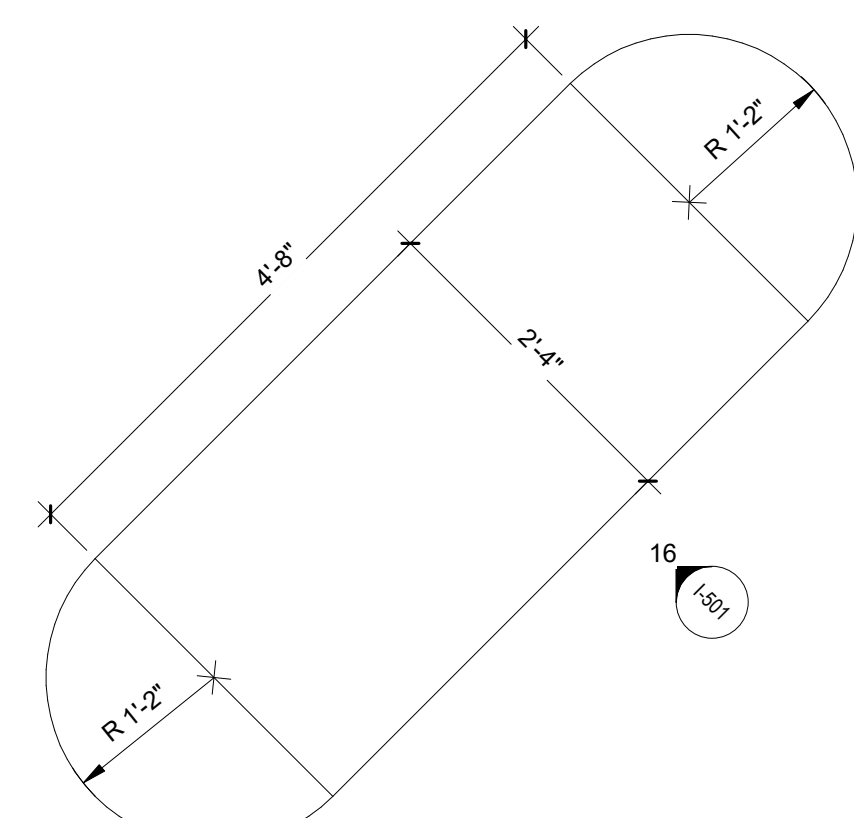


4 DRIVER TRAINING ROOM (NORTH WALL)
3/8" = 1'-0"

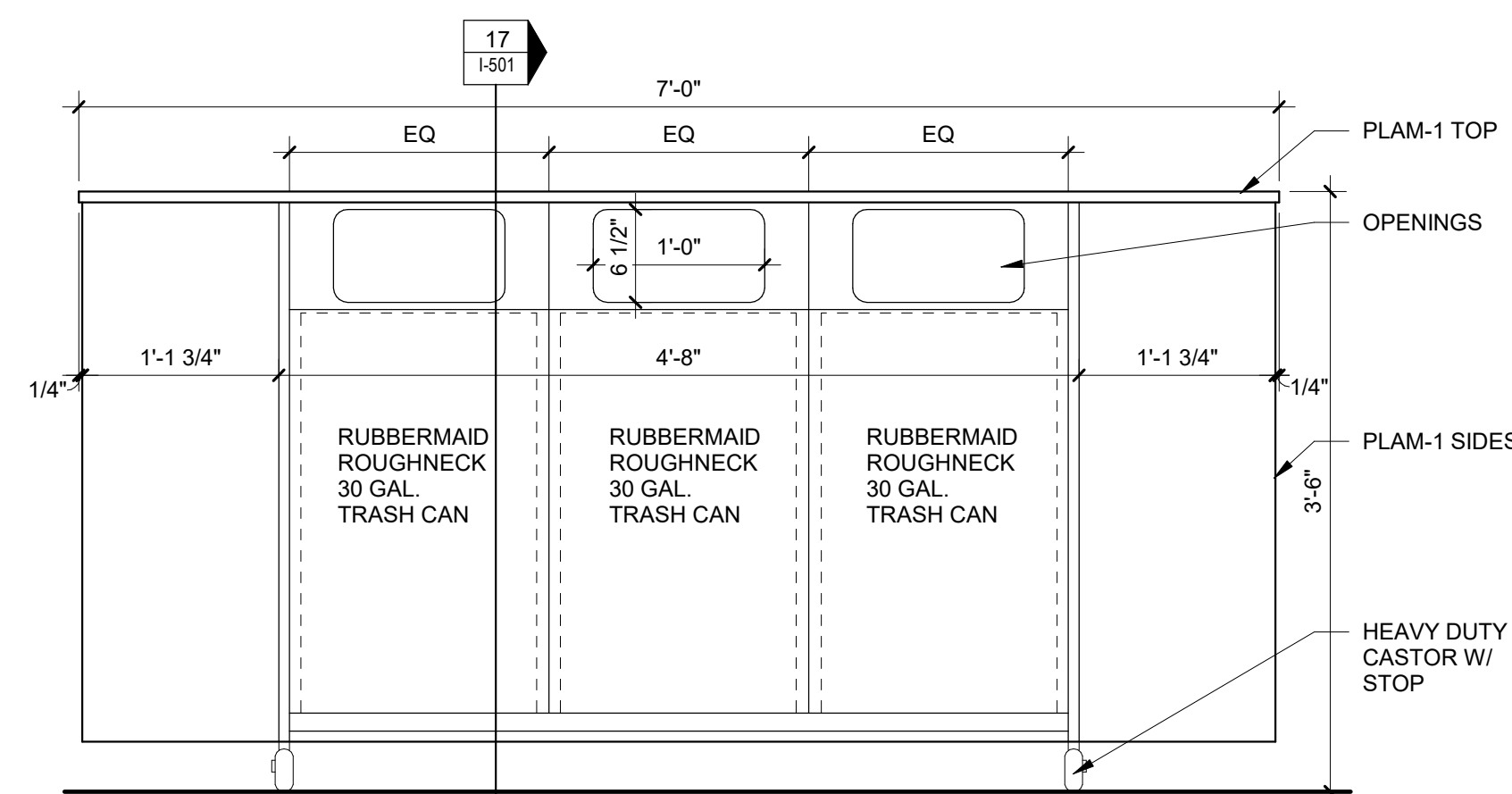
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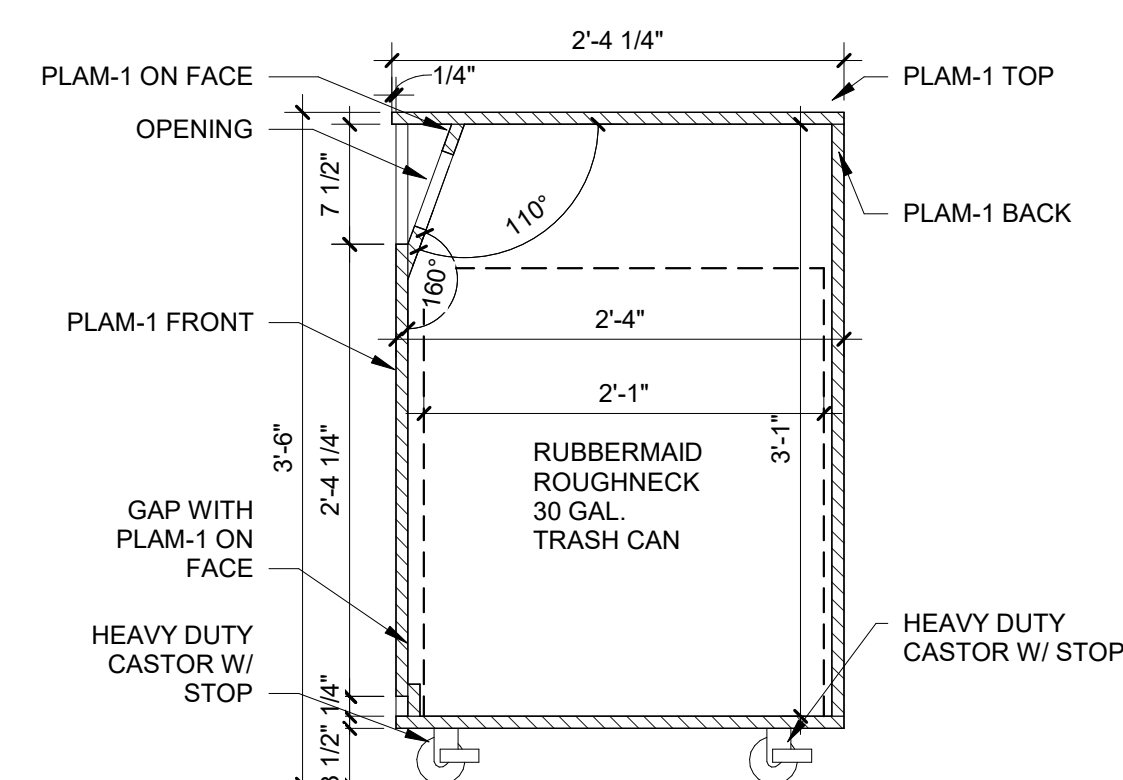
14 FELT TACKBOARD SECTION
3" = 1'-0"



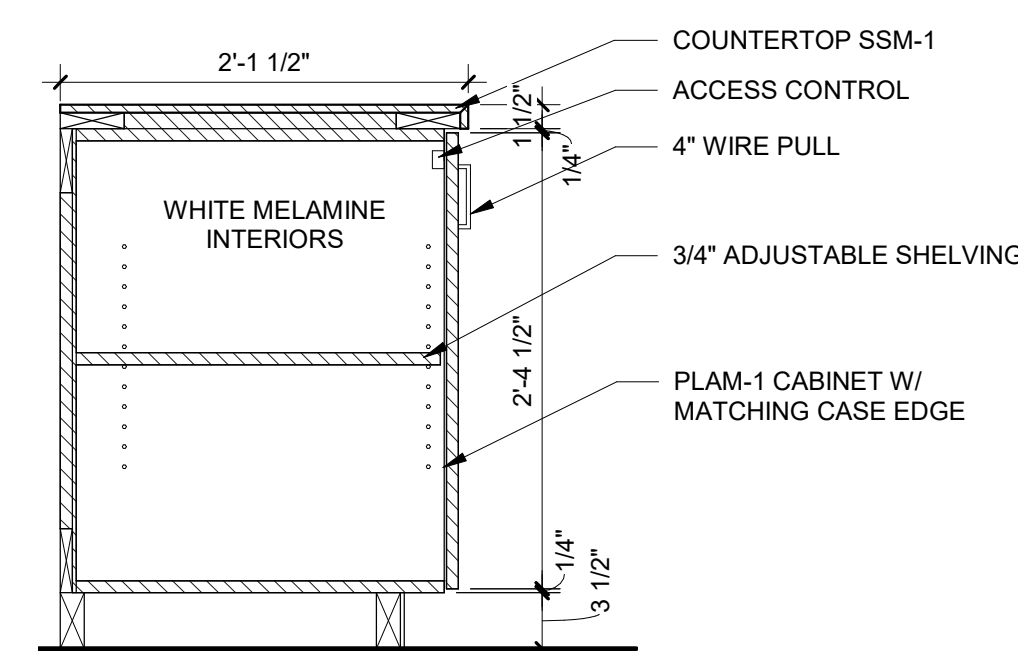
15 MOBILE TRASH CABINETY
3/4" = 1'-0"



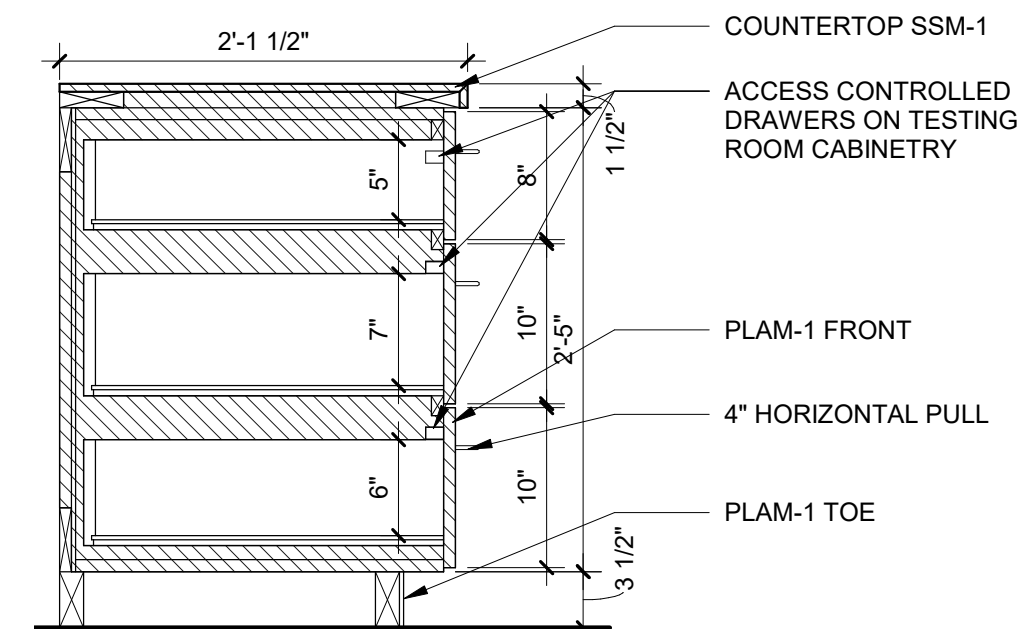
16 MOBILE TRASH CABINETY
1" = 1'-0"



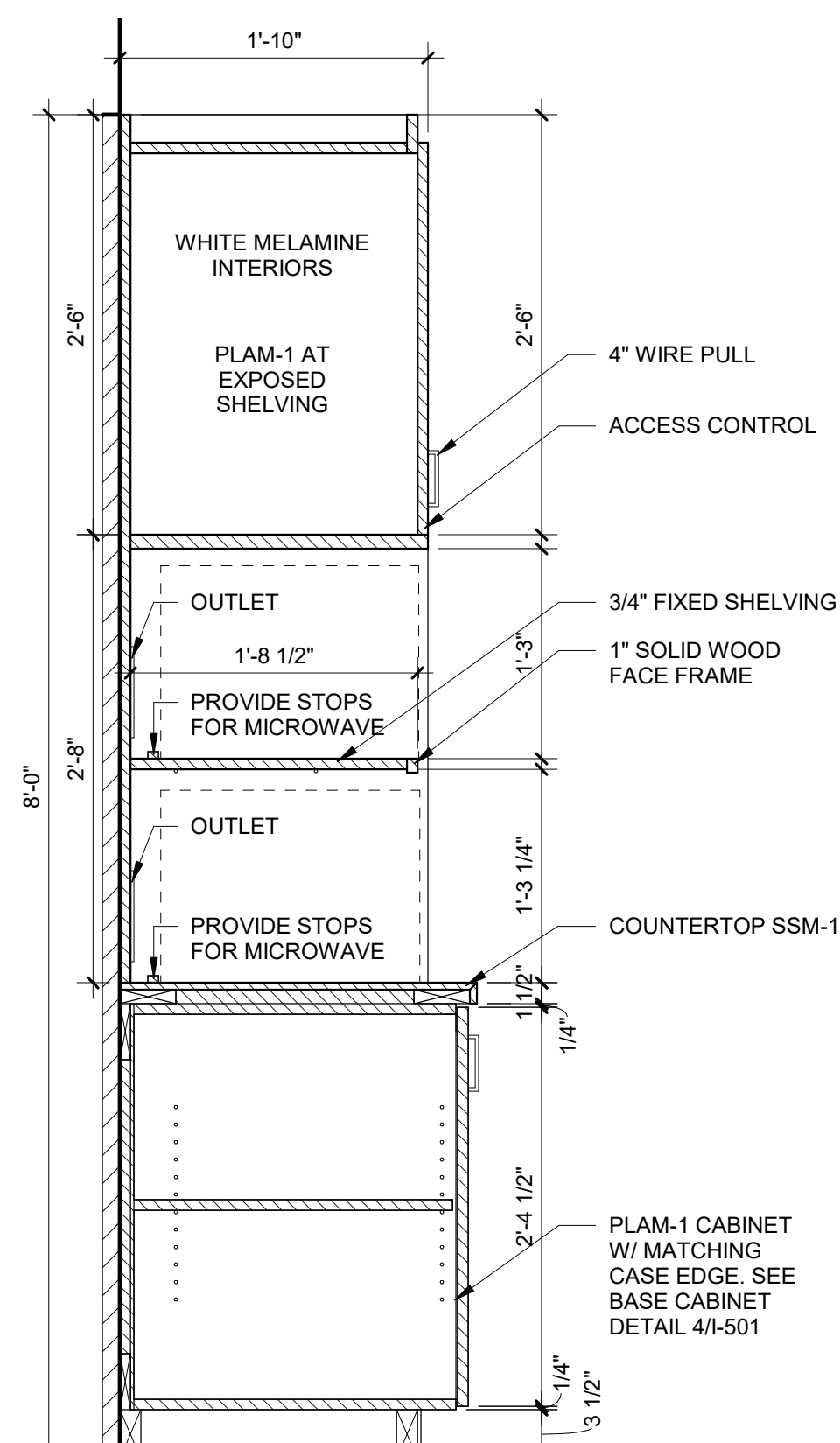
17 MOBILE TRASH CABINETY SECTION
1" = 1'-0"



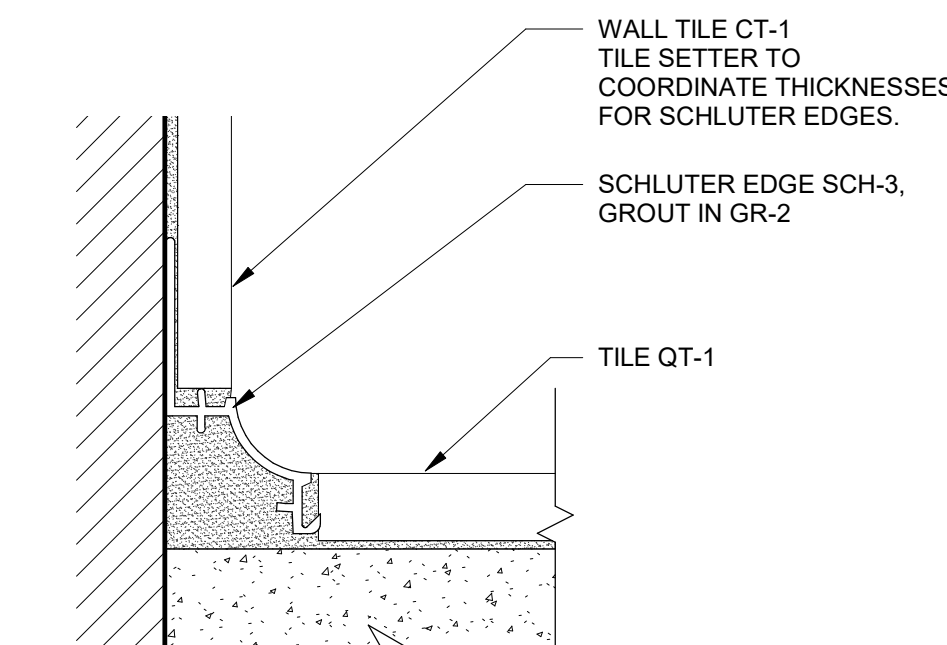
11 TYP. BASE CABINET SECTION
1" = 1'-0"



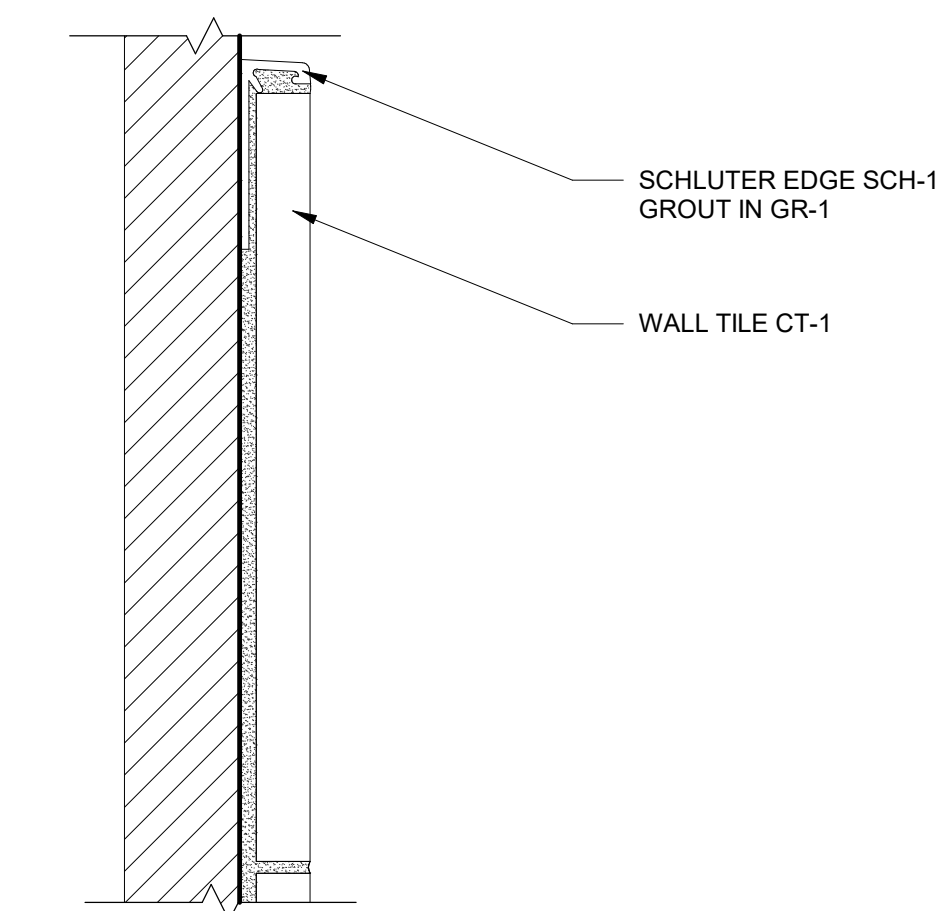
12 TYP. 3 DRAWER CABINETY SECTION
1" = 1'-0"



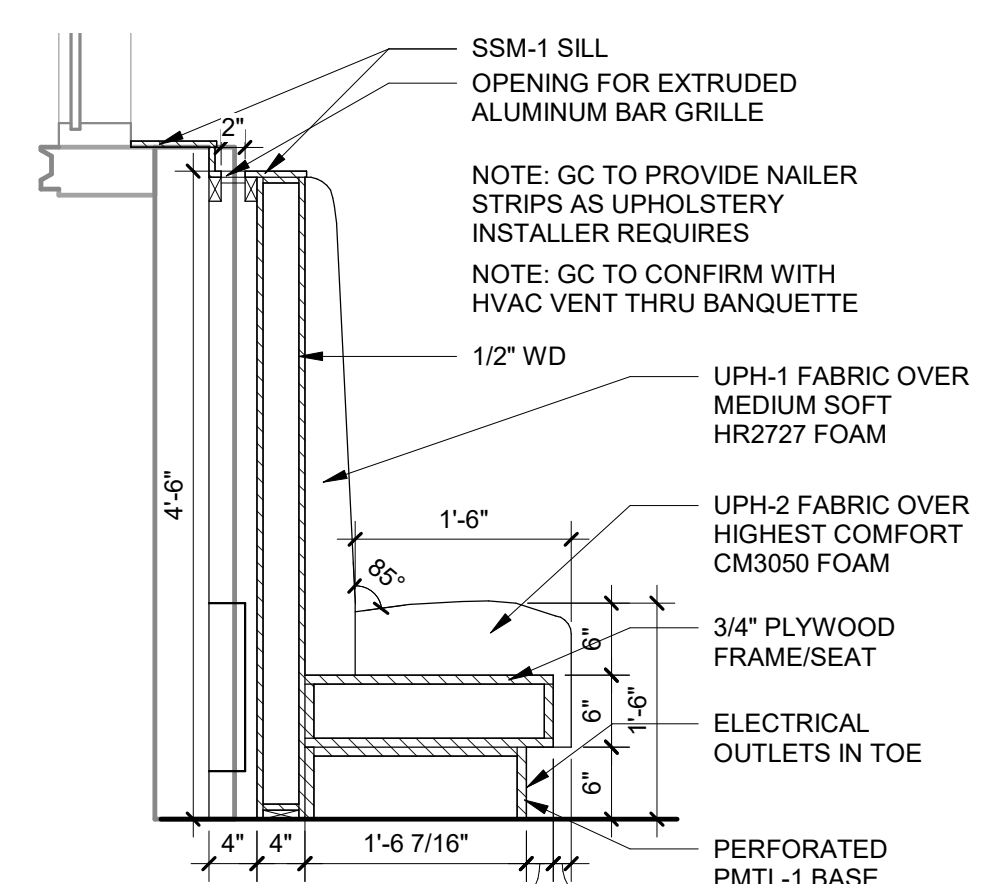
13 MICROWAVE CABINET SECTION
1" = 1'-0"



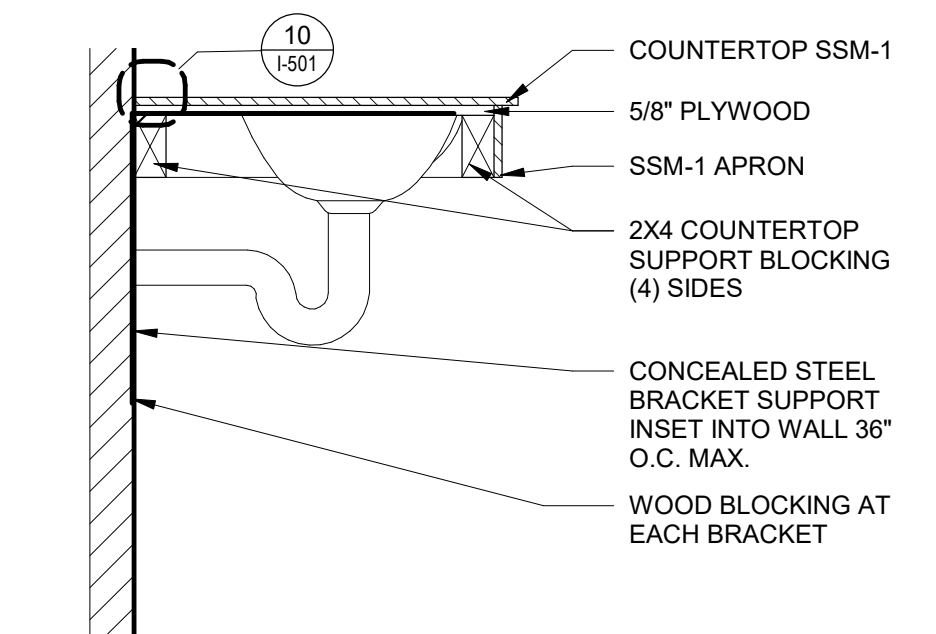
6 TYP. BASE COVE DETAIL
12" = 1'-0"



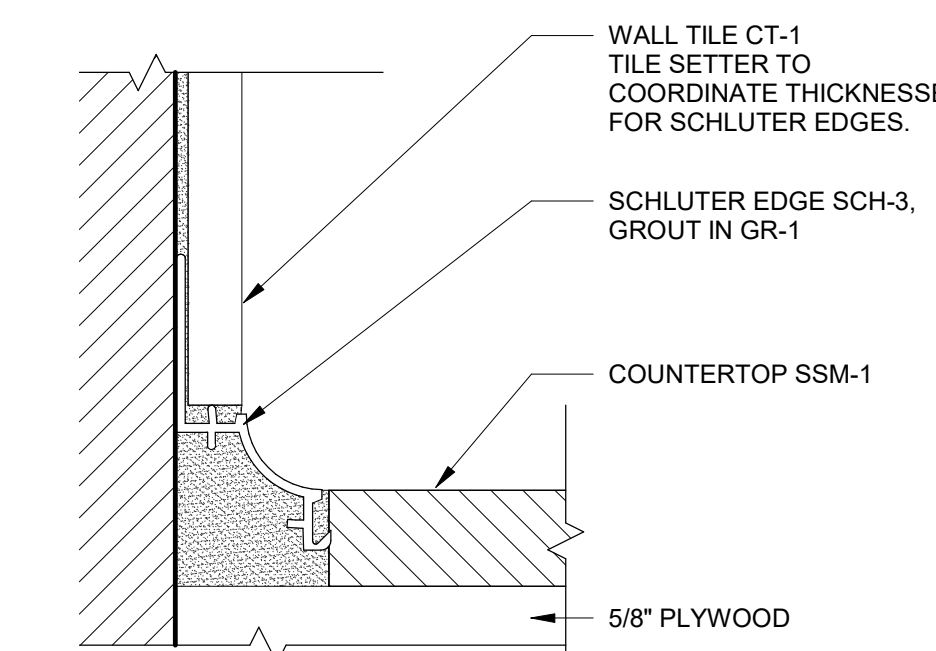
7 TOP EDGE SCHLUTER DETAIL
12" = 1'-0"



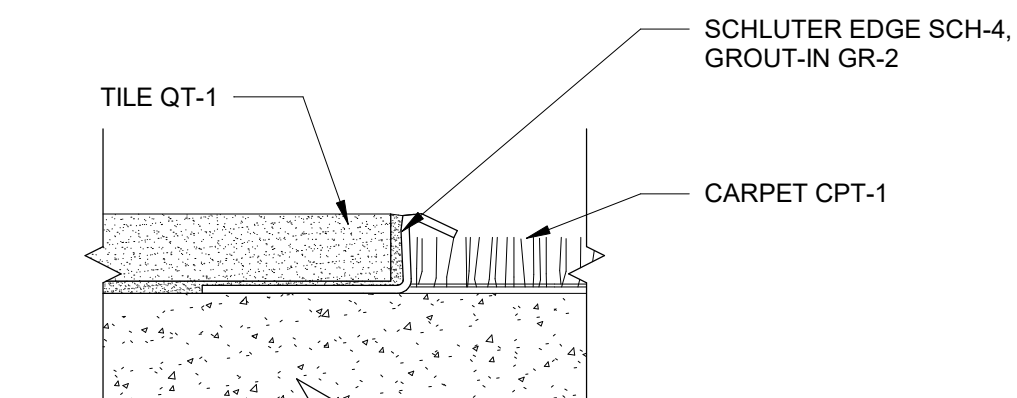
8 BANQUETTE SECTION
3/4" = 1'-0"



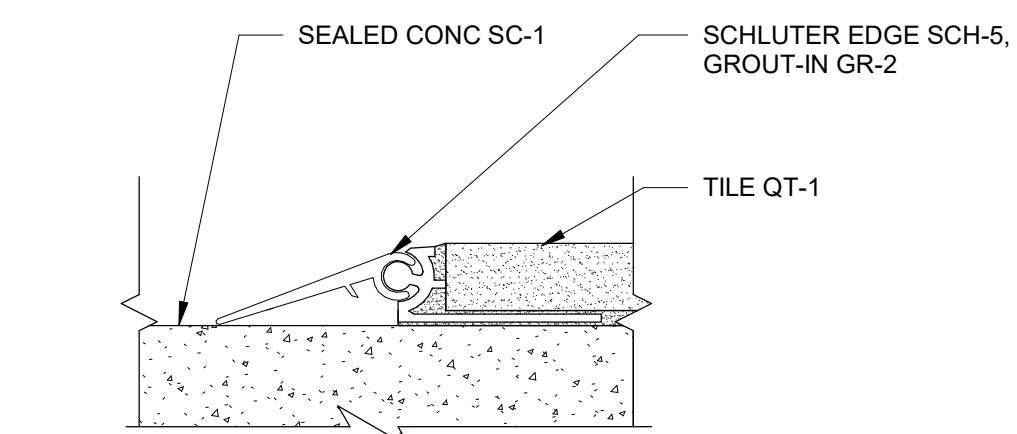
9 TYP. LAVATORY COUNTER W/ SKIRT
1" = 1'-0"



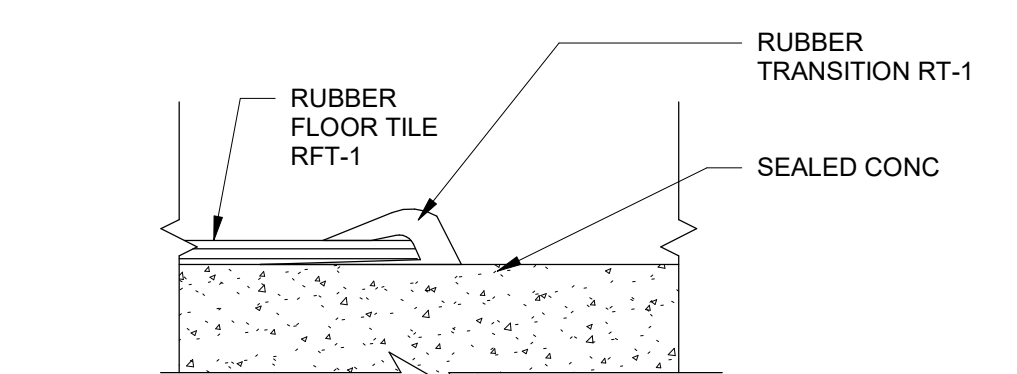
10 BASE COVE COUNTER DETAIL
12" = 1'-0"



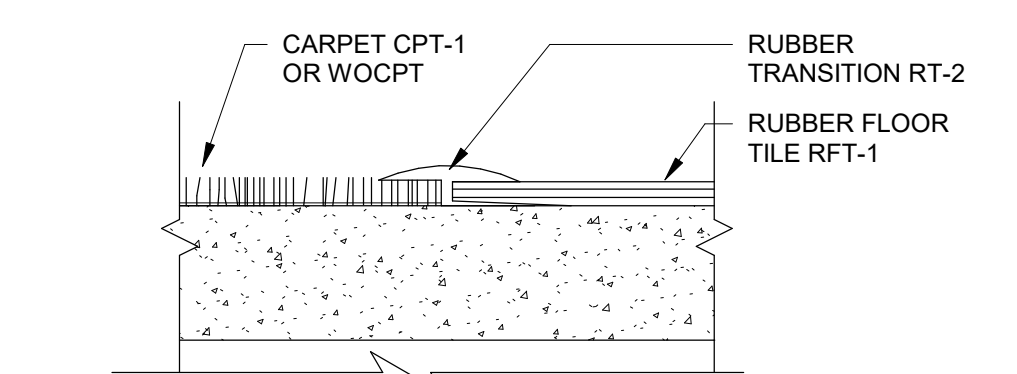
1 TYP. TILE TO CPT TRANSITION
12" = 1'-0"



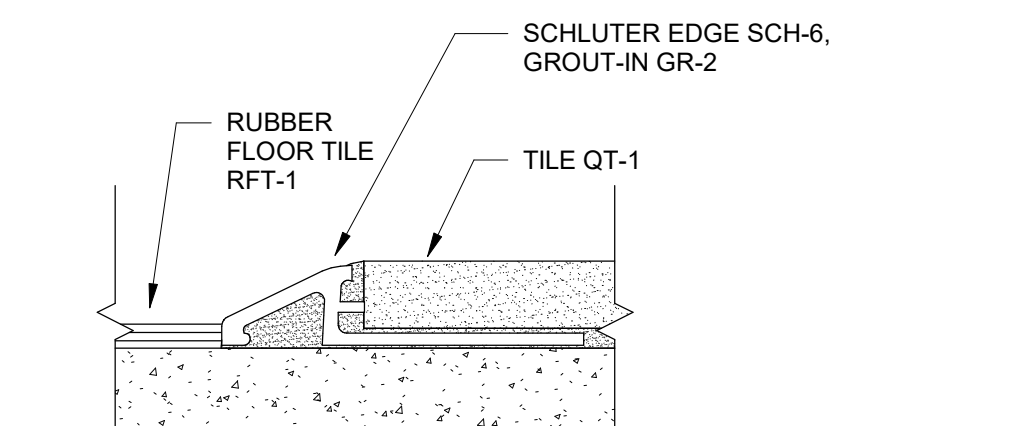
2 TYP. CONC. TO TILE TRANSITION
12" = 1'-0"



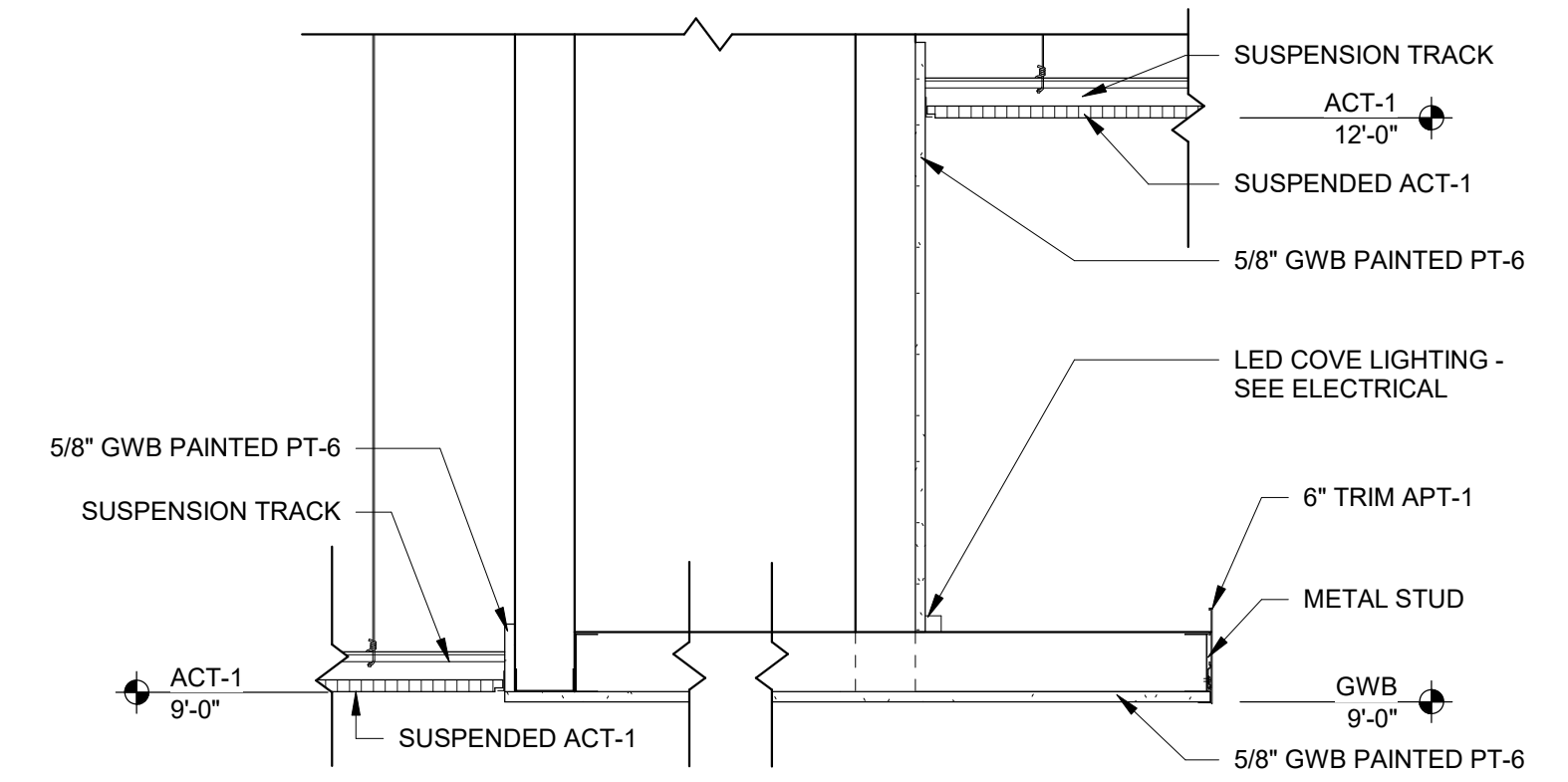
3 TYP. CONC. TO RUBBER TRANSITION
12" = 1'-0"



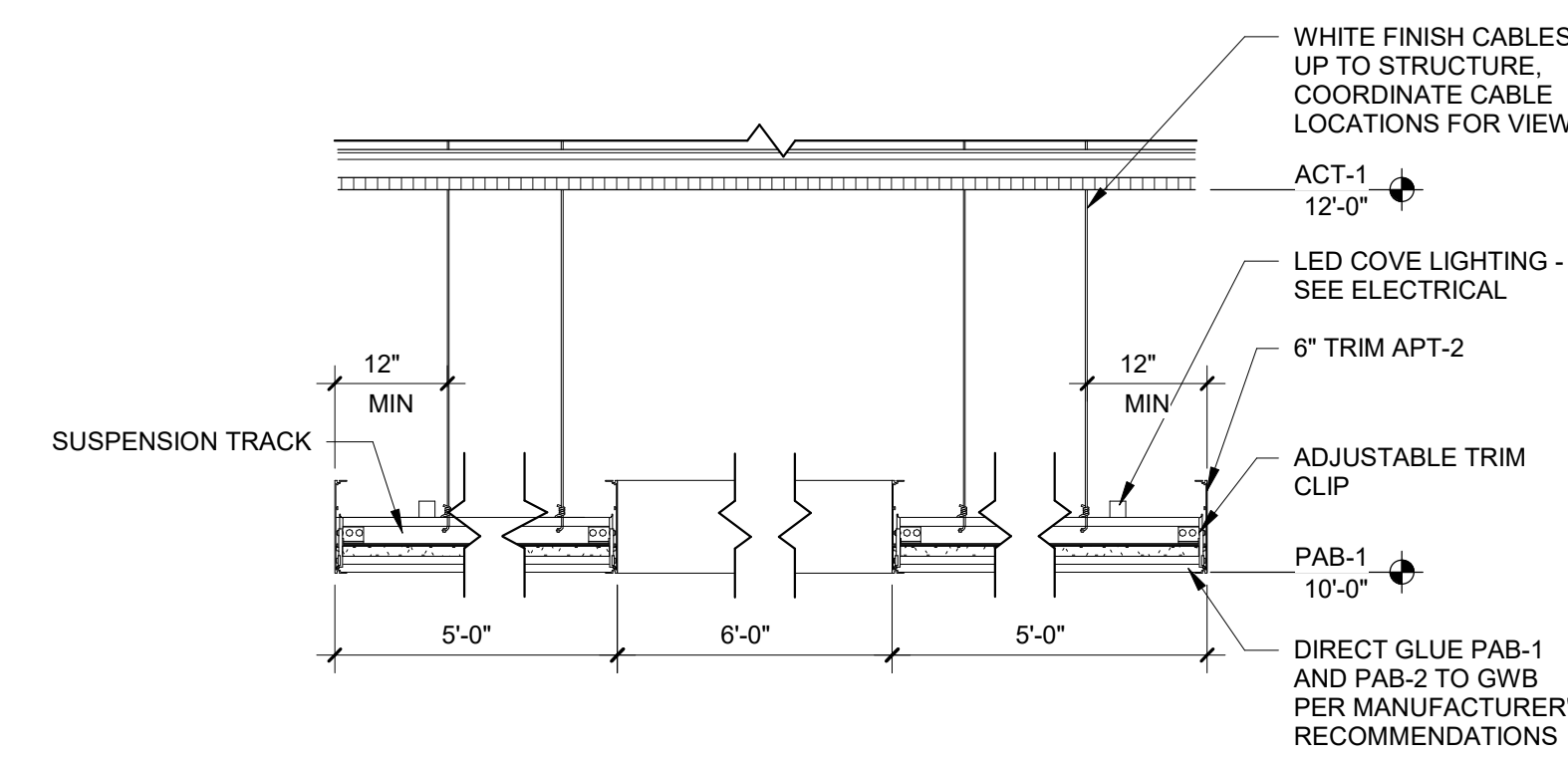
4 TYP. RUBBER TO CPT TRANSITION
12" = 1'-0"



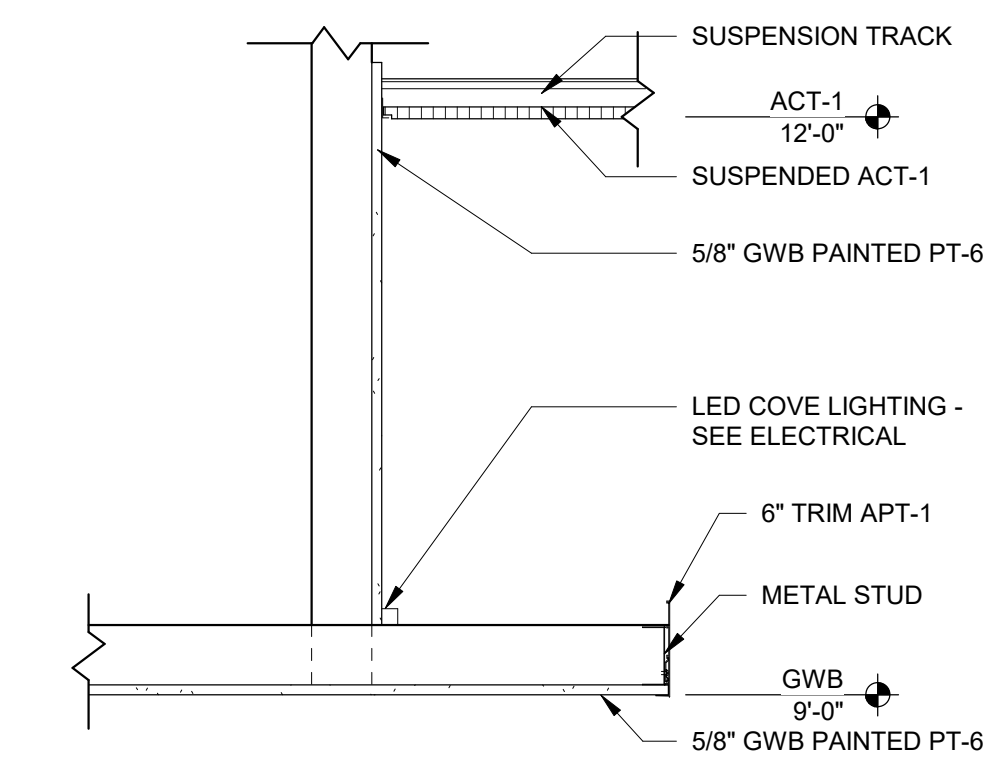
5 TYP. RUBBER TO TILE TRANSITION
12" = 1'-0"



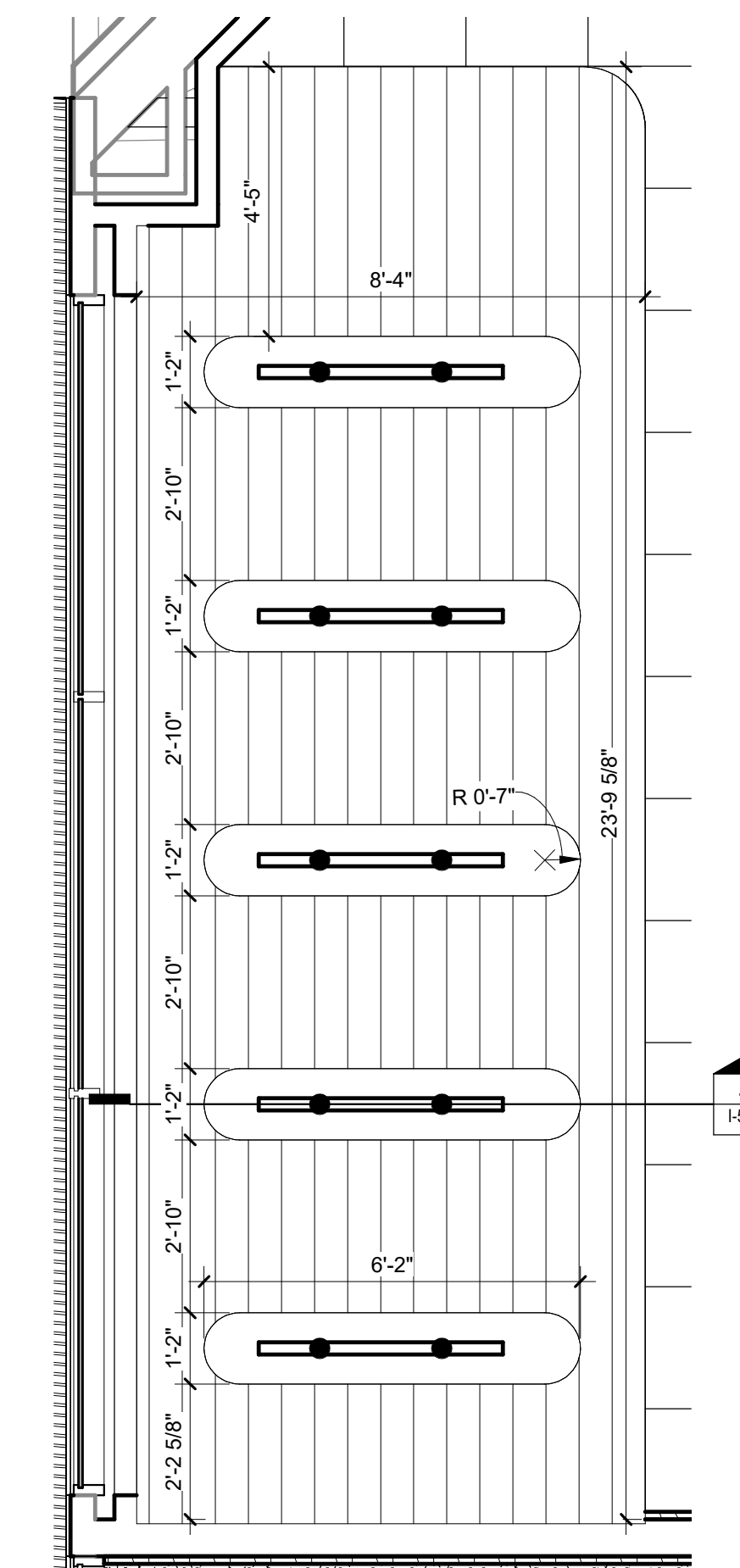
1 SOFFIT SECTION BY COORIDOR
1" = 1'-0"



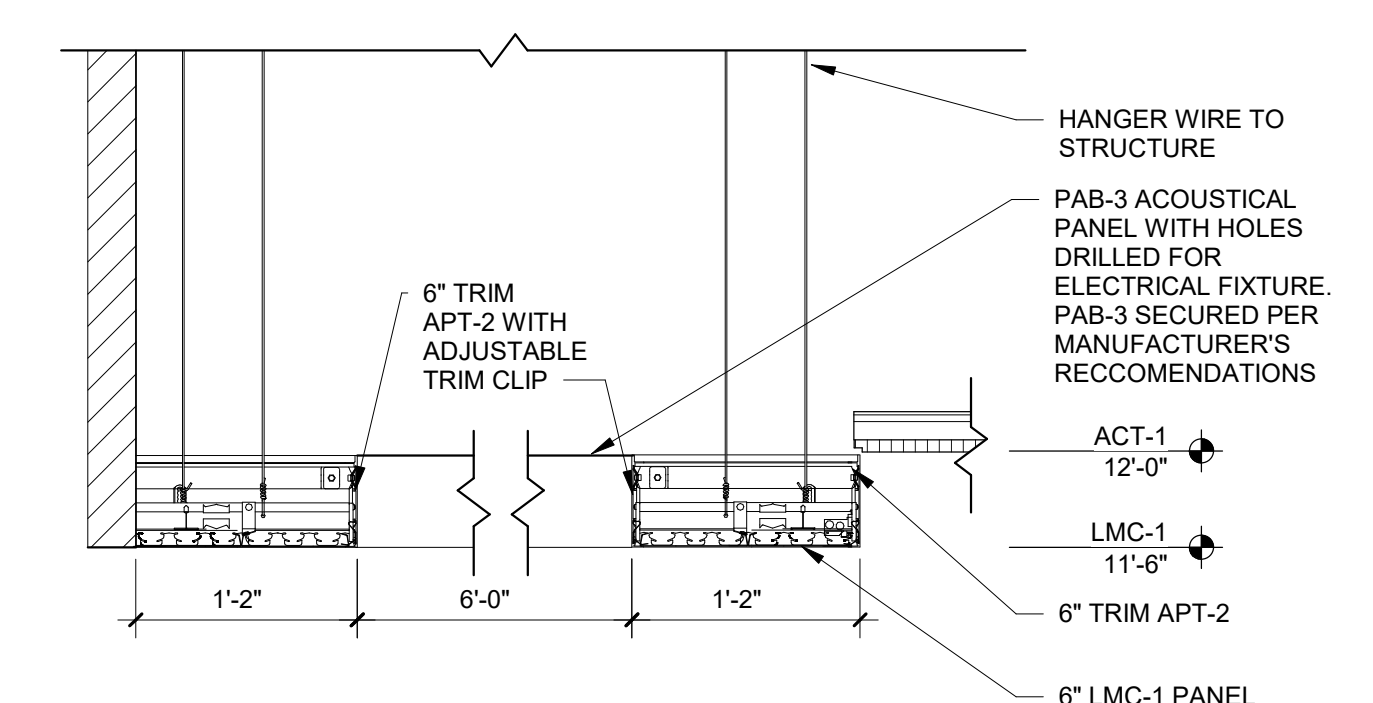
5 CIRCULAR CEILING DETAIL
1" = 1'-0"



2 SOFFIT SECTION BY RESTROOMS
1" = 1'-0"



3 BANQUETTE CEILING ELEMENT
3/8" = 1'-0"



4 BANQUETTE CEILING DETAIL
1" = 1'-0"



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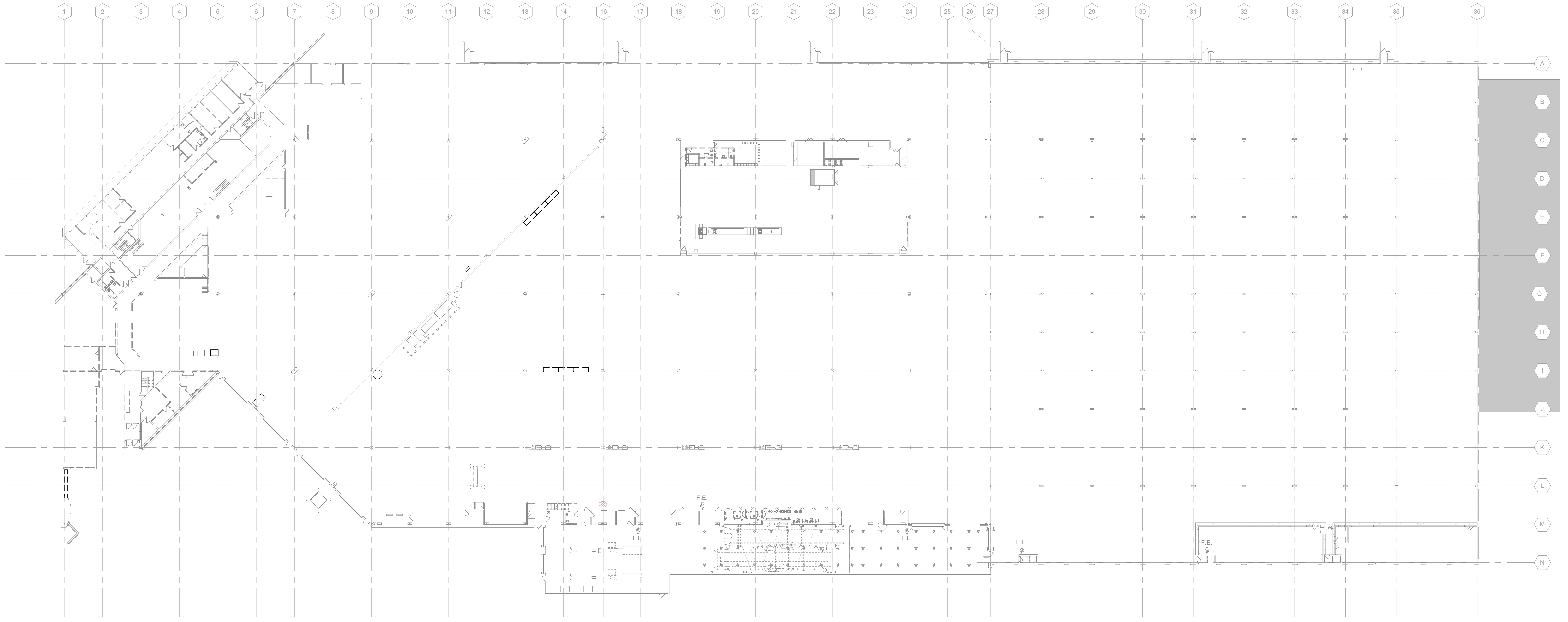
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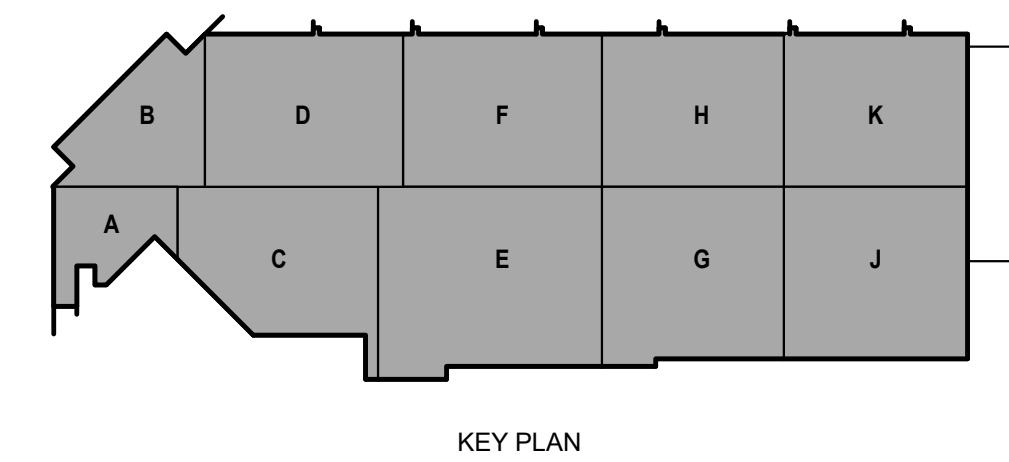
SHEET CONTENTS
OVERALL FIRST
FLOOR DEMOLITION
PLAN

SHEET NO.:

QD101



TRUE PLAN
NORTH NORTH
1 First Floor Demo Equipment Plan
1" = 30'-0"



KEY PLAN

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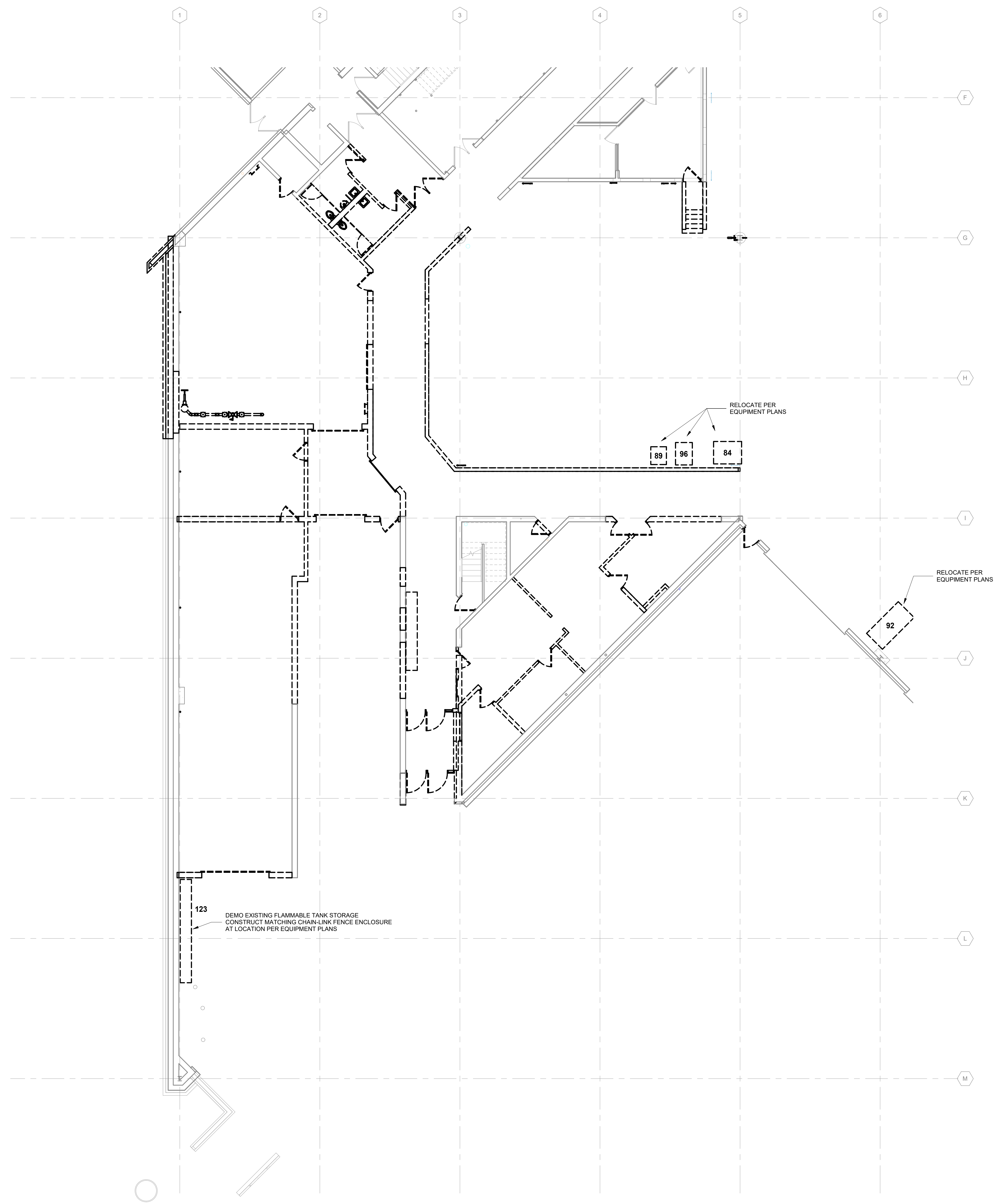
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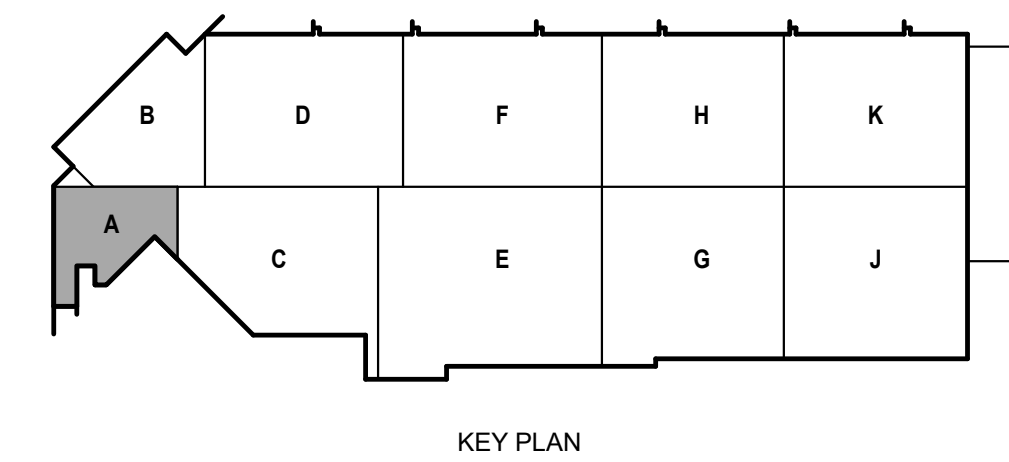
SHEET CONTENTS
FIRST FLOOR
DEMOLITION PLAN -
AREA A

SHEET NO.:

QD101A



EQUIPMENT SCHEDULE						
Mark	Type	Count	Owner Provided	Owner Installed	GC Provided	GC Installed
2	Rim Clamp Tire Machine	1	X	X		
3	Desk 60"W x 30"D	3			X	X
6	Tire Cage	1	X	X		
9	2-Tier Locker - 12"x15"x 78"	6			X	X
20	Tool Cabinet	30	X	X		
21	Work Bench 5'-0"W x 3'-0"D x 3'-0"H	16			X	X
34	SmartWasher SW-37	9			X	X
35	Oil King 25 gal Used-Oil Receiver	11			X	X
45	Tool Cabinet	1	X	X		
57	Battery Charging Bench	1	X	X	X	X
58	Battery Charging Bench	1	X	X		
60	Pallet Storage Floor Space	1	X	X		
63	Pallet Storage Floor Space	1	X	X		
64	Used Oil Tank	1	X			X
89	Bulk Fluid Storage Tank #2	1	X			X
91	Dumping Hopper	1	X	X		
92	Baler	1	X			X
96	Oil Filter Crusher	1	X			X
101	Bulk Fluid Storage Tank #3	1	X			X
106	Rack Shelving - 3'D x 10'W x 8'H	3	X			X
118	Rack Shelving - 3'D x 10'W x 8'H	1	X			X
119	Rack Shelving - 3'D x 10'W x 8'H	2	X			X
122	Tire Machine	1	X	X		
123	Flammable Tank Storage	1			X	X
127	Drill Press	1	X	X		
128	Horizontal Band Saw	1	X	X		
129	Tire Carousel	1			X	X
130	Parts Carousel	1			X	X
131-13	ECO-60-10	1			X	X
131-14	ECO-60-10	1			X	X
131-15	ECO-60-10	1			X	X
131-16	ECO-60-10	1			X	X
131-17	ECO-60-10	1			X	X
131-18	ECO-60-10	1			X	X
131-19	ECO-60-10	1			X	X
131-20	ECO-60-10	1			X	X
131-21	ECO-60-10	1			X	X
132-22	ECO-90-17	1			X	X
133-13	ECO-60 Control Console	1			X	X
133-14	ECO-60 Control Console	1			X	X
133-15	ECO-60 Control Console	1			X	X
133-16	ECO-60 Control Console	1			X	X
133-17	ECO-60 Control Console	1			X	X
133-18	ECO-60 Control Console	1			X	X
133-19	ECO-60 Control Console	1			X	X
133-20	ECO-60 Control Console	1			X	X
133-21	ECO-60 Control Console	1			X	X
133-22	ECO-90 Control Console	1			X	X
134	Oil Filter Trash Receptacle	1	X	X		
135	Waste Oil Pump	2			X	X
A	Rack Shelving - 2'D x 6'W x 8'H	6			X	X
B	Rack Shelving - 2'D x 8'W x 8'H	26			X	X
C	Rack Shelving - 3'D x 10'W x 8'H	5			X	X



TRUE PLAN
NORTH NORTH
1 1/8" First Floor Demo Equipment Plan - Area A
1/8" = 1'-0"

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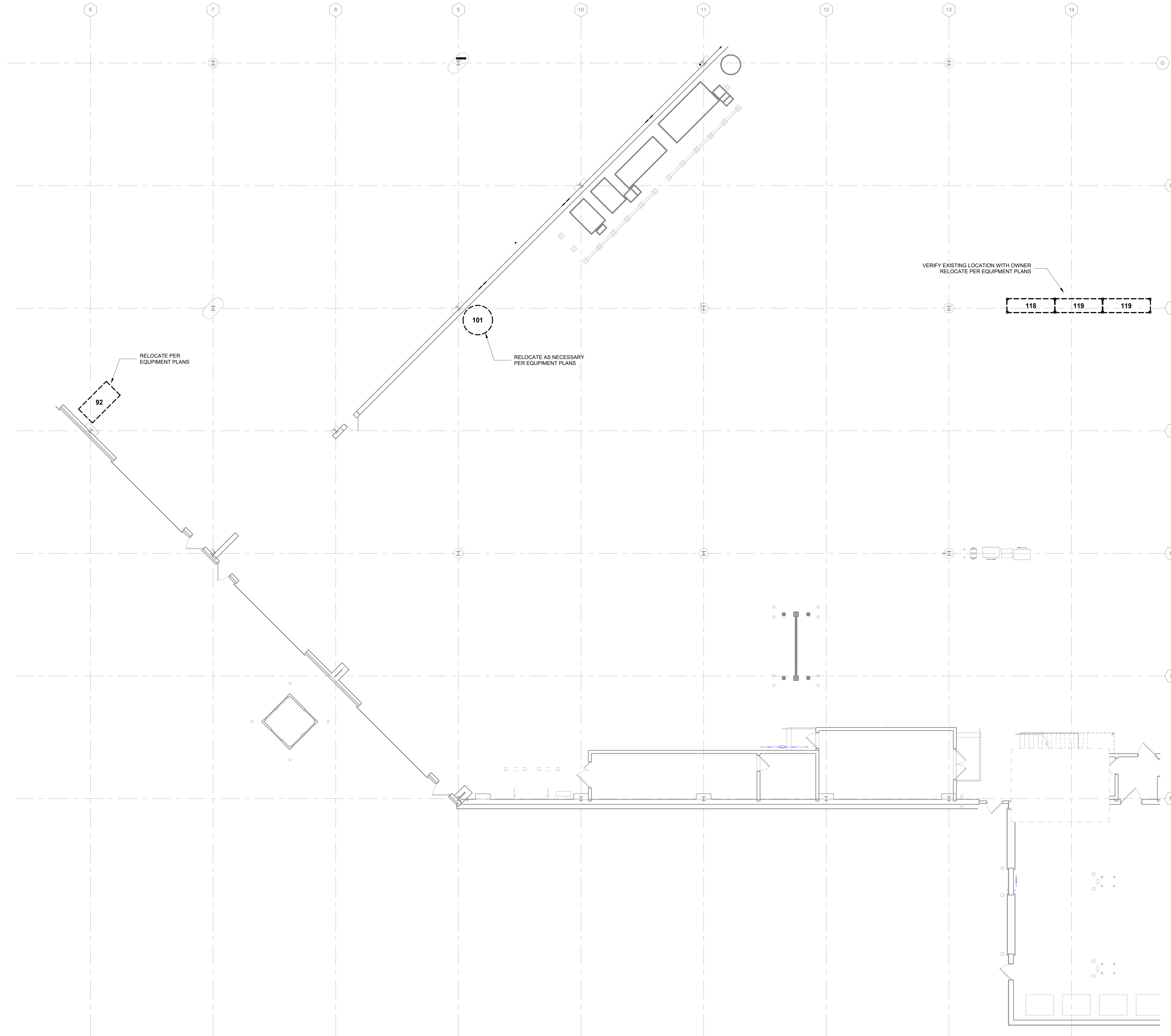
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SHEET CONTENTS
FIRST FLOOR
DEMOLITION PLAN -
AREA C

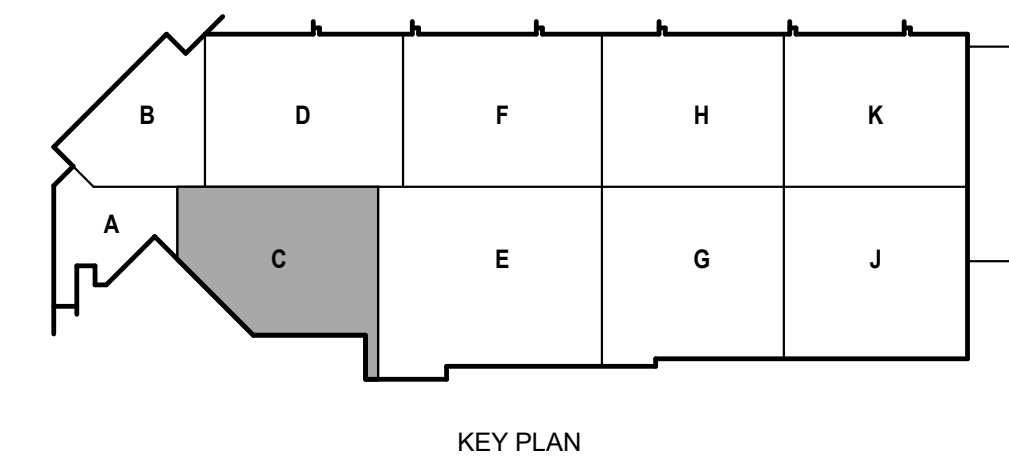
SHEET NO.:

QD101C



EQUIPMENT SCHEDULE						
Mark	Type	Count	Owner Provided	Owner Installed	GC Provided	GC Installed
2	Rim Clamp Tire Machine	1	X	X		
3	Desk 60"W x 30"D	3			X	X
6	Tire Cage	1	X	X		
9	2-Tier Locker - 12"x15"x 78"	6			X	X
20	Tool Cabinet	30			X	X
21	Work Bench 5'-0"W x 3'-0"D x 3'-0"H	16	X	X		
34	SmartWasher SW-37	9			X	X
35	Oil King 25 gal Used-Oil Receiver	11			X	X
45	Tool Cabinet	1	X	X		
57	Battery Charging Bench	1	X	X	X	X
58	Battery Charging Bench	1	X	X		
80	Pallet Storage Floor Space	1	X	X		
83	Pallet Storage Floor Space	1	X	X		
84	Used Oil Tank	1	X			X
89	Bulk Fluid Storage Tank #2	1	X			X
91	Dumping Hopper	1	X	X		
92	Baler	1	X			X
96	Oil Filter Crusher	1	X			X
101	Bulk Fluid Storage Tank #3	1	X			X
106	Rack Shelving - 3D x 10W x 8H	3	X			X
118	Rack Shelving - 3D x 10W x 8H	1	X			X
119	Rack Shelving - 3D x 10W x 8H	2	X			X
122	Tire Machine	1	X	X		
123	Flammable Tank Storage	1			X	X
127	Drill Press	1	X	X		
128	Horizontal Band Saw	1	X	X		
129	Tire Carousel	1			X	X
130	Parts Carousel	1			X	X
131-13	ECO-60-10	1			X	X
131-14	ECO-60-10	1			X	X
131-15	ECO-60-10	1			X	X
131-16	ECO-60-10	1			X	X
131-17	ECO-60-10	1			X	X
131-18	ECO-60-10	1			X	X
131-19	ECO-60-10	1			X	X
131-20	ECO-60-10	1			X	X
131-21	ECO-60-10	1			X	X
132-22	ECO-90-17	1			X	X
133-13	ECO-60 Control Console	1			X	X
133-14	ECO-60 Control Console	1			X	X
133-15	ECO-60 Control Console	1			X	X
133-16	ECO-60 Control Console	1			X	X
133-17	ECO-60 Control Console	1			X	X
133-18	ECO-60 Control Console	1			X	X
133-19	ECO-60 Control Console	1			X	X
133-20	ECO-60 Control Console	1			X	X
133-21	ECO-60 Control Console	1			X	X
133-22	ECO-90 Control Console	1			X	X
134	Oil Filter Trash Receptacle	1	X	X		
135	Waste Oil Pump	2			X	X
A	Rack Shelving - 2D x 6W x 8H	6			X	X
B	Rack Shelving - 2D x 8W x 8H	26			X	X
C	Rack Shelving - 3D x 10W x 8H	5			X	X

TRUE PLAN
NORTH NORTH
1/8" First Floor Demo Equipment Plan - Area C
1/8" = 1'-0"



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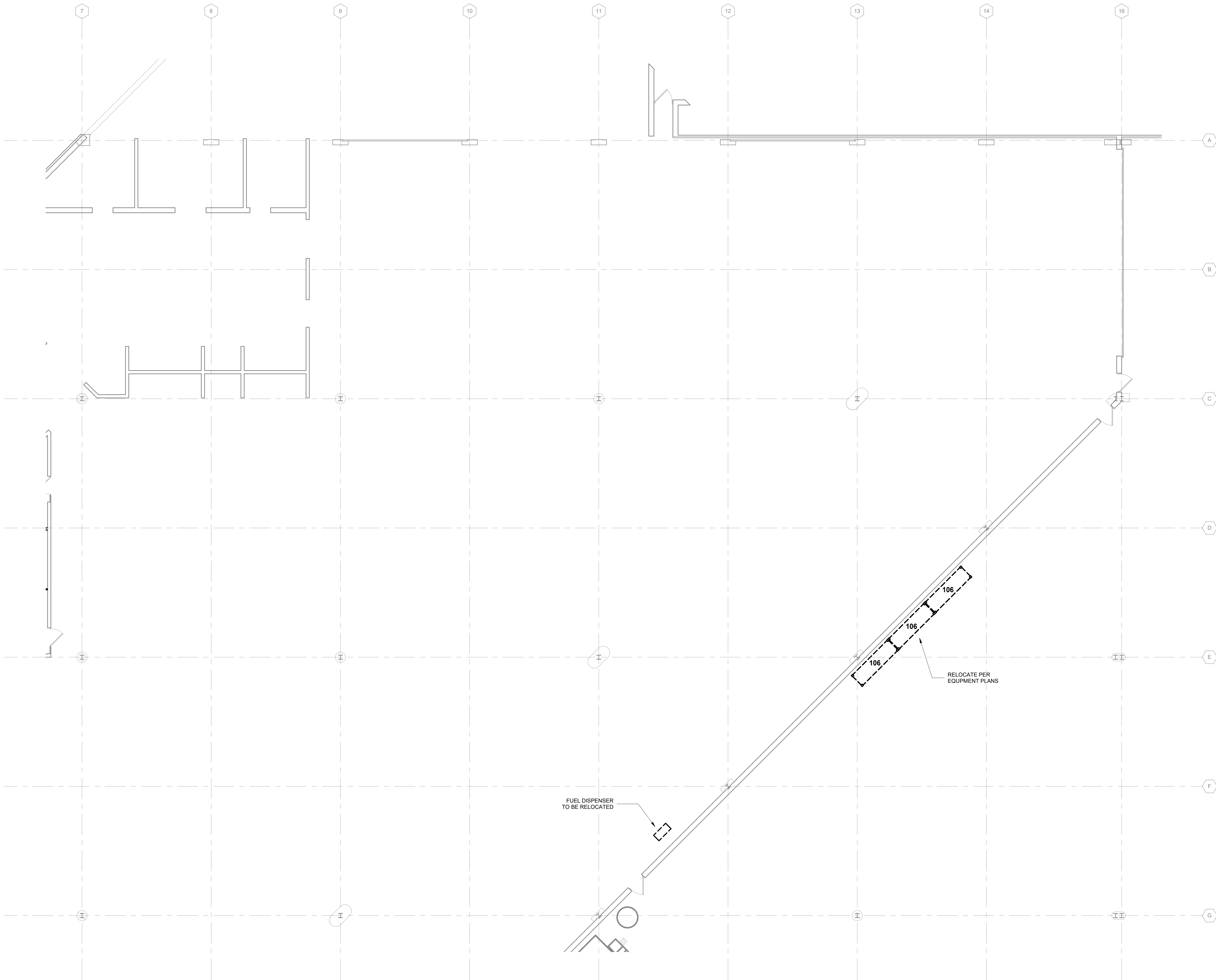
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SHEET CONTENTS
FIRST FLOOR
DEMOLITION PLAN -
AREA D

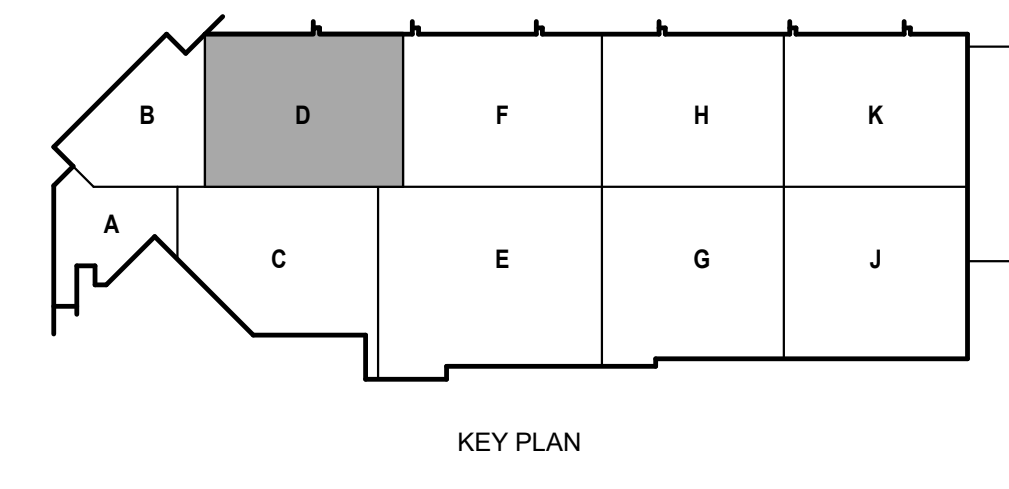
SHEET NO.:

QD101D



EQUIPMENT SCHEDULE						
Mark	Type	Count	Owner Provided	Owner Installed	GC Provided	GC Installed
2	Rim Clamp Tire Machine	1	X	X		
3	Desk 60"W x 30"D	3			X	X
6	Tire Cage	1	X	X		
9	2-Tier Locker - 12"x15"x 78"	6			X	X
20	Tool Cabinet	30	X	X		
21	Work Bench 5'-0"W x 3'-0"D x 3'-0"H	16			X	X
34	SmartWasher SW-37	9			X	X
35	Oil King 25 gal Used-Oil Receiver	11			X	X
45	Tool Cabinet	1	X	X		
57	Battery Charging Bench	1			X	X
58	Battery Charging Bench	1	X	X		
80	Pallet Storage Floor Space	1	X	X		
83	Pallet Storage Floor Space	1	X	X		
84	Used Oil Tank	1	X			X
89	Bulk Fluid Storage Tank #2	1	X			X
91	Dumping Hopper	1	X	X		
92	Baler	1	X			X
96	Oil Filter Crusher	1	X			X
101	Bulk Fluid Storage Tank #3	1	X			X
106	Rack Shelving - 3'D x 10'W x 8'H	3	X			X
118	Rack Shelving - 3'D x 10'W x 8'H	1	X			X
119	Rack Shelving - 3'D x 10'W x 8'H	2	X			X
122	Tire Machine	1	X	X		
123	Flammable Tank Storage	1			X	X
127	Drill Press	1	X	X		
128	Horizontal Band Saw	1	X	X		
129	Tire Carousel	1			X	X
130	Parts Carousel	1			X	X
131-13	ECO-60-10	1			X	X
131-14	ECO-60-10	1			X	X
131-15	ECO-60-10	1			X	X
131-16	ECO-60-10	1			X	X
131-17	ECO-60-10	1			X	X
131-18	ECO-60-10	1			X	X
131-19	ECO-60-10	1			X	X
131-20	ECO-60-10	1			X	X
131-21	ECO-60-10	1			X	X
132-22	ECO-90-17	1			X	X
133-13	ECO-60 Control Console	1			X	X
133-14	ECO-60 Control Console	1			X	X
133-15	ECO-60 Control Console	1			X	X
133-16	ECO-60 Control Console	1			X	X
133-17	ECO-60 Control Console	1			X	X
133-18	ECO-60 Control Console	1			X	X
133-19	ECO-60 Control Console	1			X	X
133-20	ECO-60 Control Console	1			X	X
133-21	ECO-60 Control Console	1			X	X
133-22	ECO-90 Control Console	1			X	X
134	Oil Filter Trash Receptacle	1	X	X		
135	Waste Oil Pump	2			X	X
A	Rack Shelving - 2'D x 6'W x 8'H	6			X	X
B	Rack Shelving - 2'D x 8'W x 8'H	26			X	X
C	Rack Shelving - 3'D x 10'W x 8'H	5			X	X

TRUE PLAN
NORTH NORTH
1/8" First Floor Demo Equipment Plan - Area D
1/8" = 1'-0"



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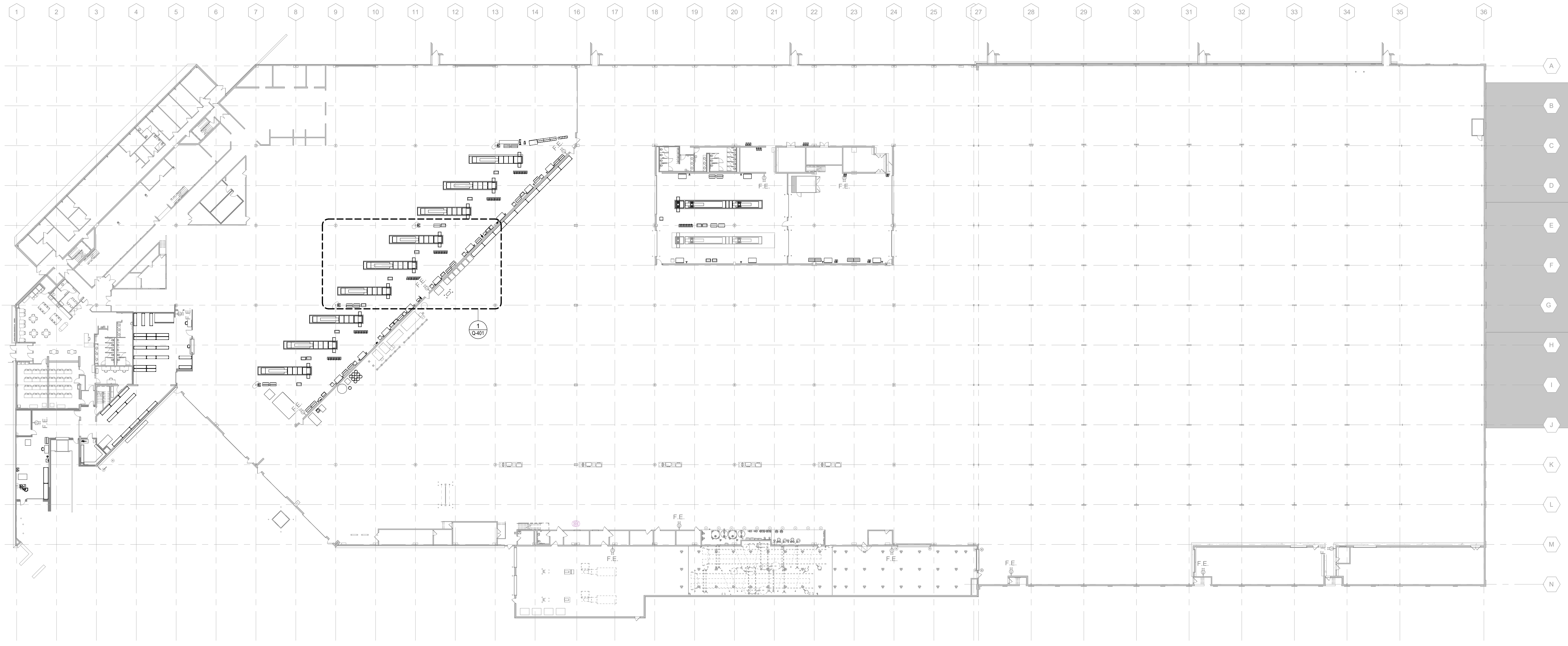
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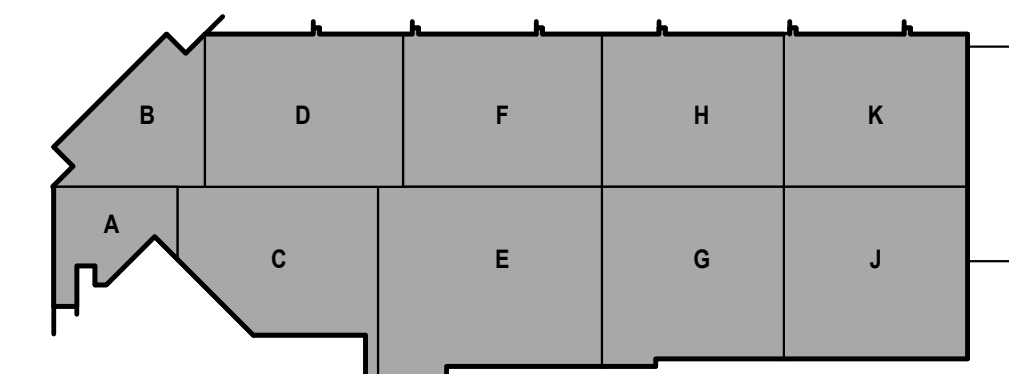
SHEET CONTENTS
OVERALL FIRST
FLOOR PLAN

SHEET NO.:

Q-101



TRUE PLAN
NORTH NORTH
1 First Floor Equipment Plan
1"=30'-0"



KEY PLAN



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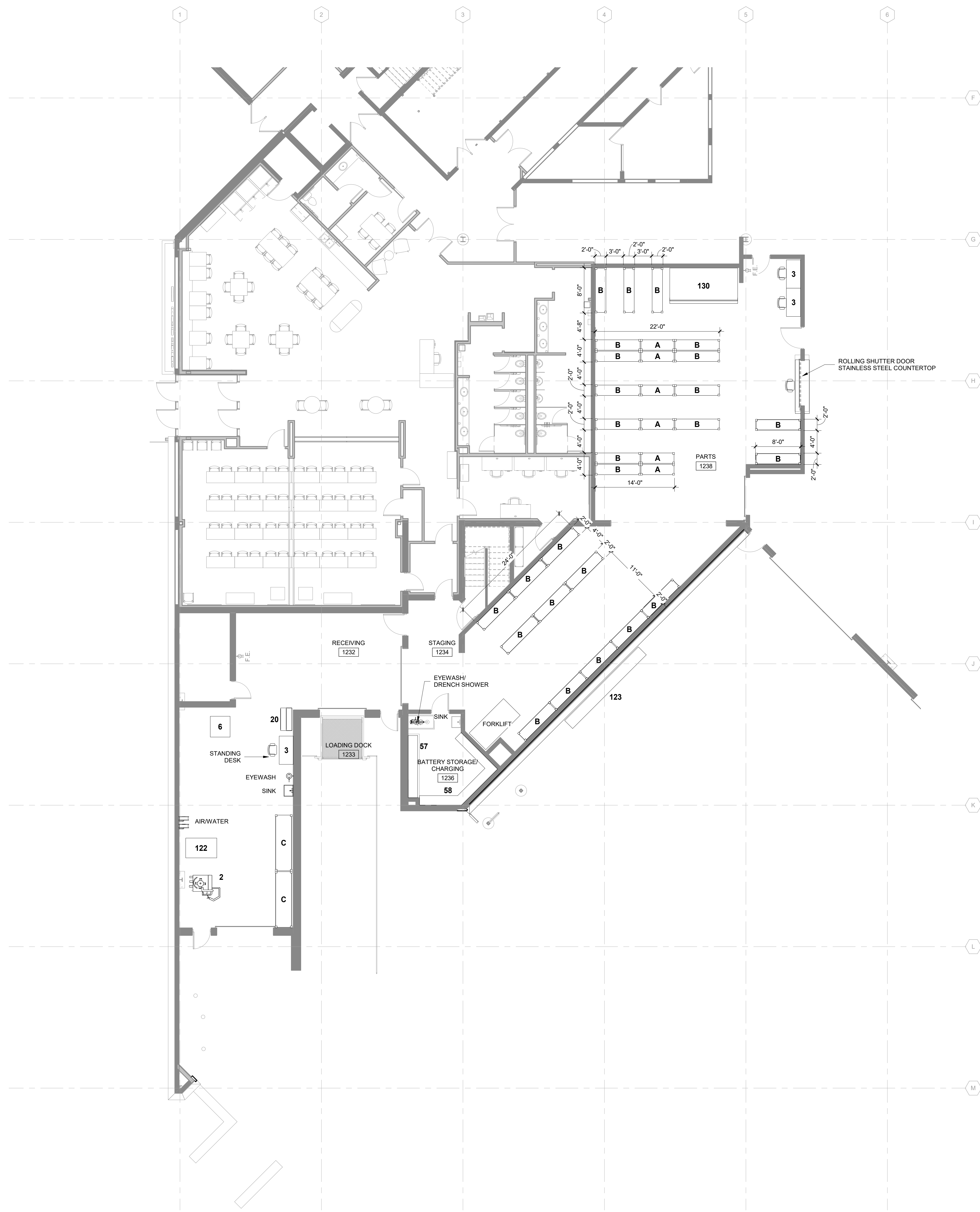
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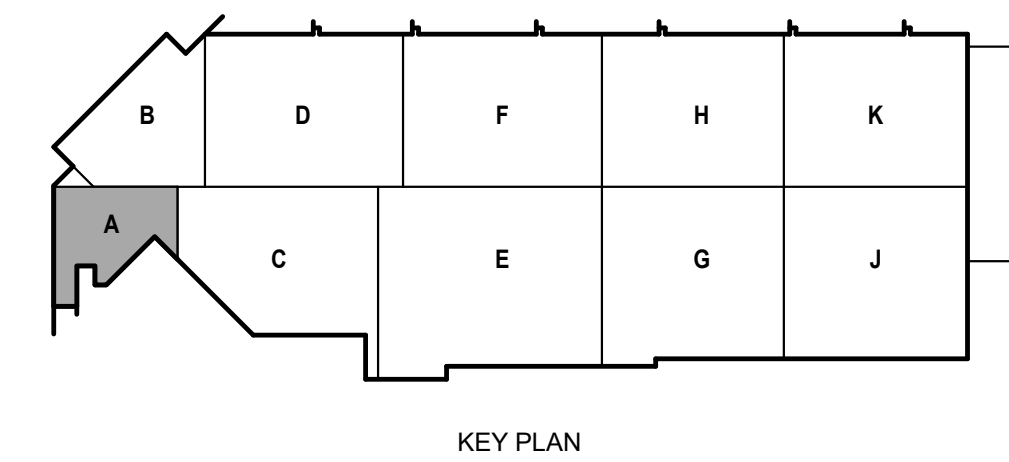
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SHEET CONTENTS
FIRST FLOOR PLAN -
AREA A

SHEET NO.:

Q-101A



EQUIPMENT SCHEDULE						
Mark	Type	Count	Owner Provided	Owner Installed	GC Provided	GC Installed
2	Rim Clamp Tire Machine	1	X	X		
3	Desk 60"W x 30"D	3			X	X
6	Tire Cage	1	X	X		
9	2-Tier Locker - 12"x15"x 78"	6			X	X
20	Tool Cabinet	30	X	X		
21	Work Bench 5'-0"W x 3'-0"D x 3'-0"H	16			X	X
34	SmartWasher SW-37	9			X	X
35	Oil King 25 gal Used-Oil Receiver	11			X	X
45	Tool Cabinet	1	X	X		
57	Battery Charging Bench	1	X	X	X	X
58	Battery Charging Bench	1	X	X		
80	Pallet Storage Floor Space	1	X	X		
83	Pallet Storage Floor Space	1	X	X		
84	Used Oil Tank	1	X			
89	Bulk Fluid Storage Tank #2	1	X			X
91	Dumping Hopper	1	X	X		
92	Baler	1	X			X
96	Oil Filter Crusher	1	X			X
101	Bulk Fluid Storage Tank #3	1	X			X
106	Rack Shelving - 3'D x 10'W x 8'H	3	X			X
118	Rack Shelving - 3'D x 10'W x 8'H	1	X			X
119	Rack Shelving - 3'D x 10'W x 8'H	2	X			X
122	Tire Machine	1	X	X		
123	Flammable Tank Storage	1	X	X	X	X
127	Drill Press	1	X	X		
128	Horizontal Band Saw	1	X	X		
129	Tire Carousel	1			X	X
130	Parts Carousel	1			X	X
131-13	ECO-60-10	1			X	X
131-14	ECO-60-10	1			X	X
131-15	ECO-60-10	1			X	X
131-16	ECO-60-10	1			X	X
131-17	ECO-60-10	1			X	X
131-18	ECO-60-10	1			X	X
131-19	ECO-60-10	1			X	X
131-20	ECO-60-10	1			X	X
131-21	ECO-60-10	1			X	X
133-22	ECO-60-17	1			X	X
133-13	ECO-60 Control Console	1			X	X
133-14	ECO-60 Control Console	1			X	X
133-15	ECO-60 Control Console	1			X	X
133-16	ECO-60 Control Console	1			X	X
133-17	ECO-60 Control Console	1			X	X
133-18	ECO-60 Control Console	1			X	X
133-19	ECO-60 Control Console	1			X	X
133-20	ECO-60 Control Console	1			X	X
133-21	ECO-60 Control Console	1			X	X
133-22	ECO-60 Control Console	1			X	X
134	Oil Filter Trash Receptacle	1	X	X		
135	Waste Oil Pump	2			X	X
A	Rack Shelving - 2'D x 6'W x 8'H	6			X	X
B	Rack Shelving - 2'D x 6'W x 8'H	26			X	X
C	Rack Shelving - 3'D x 10'W x 8'H	5			X	X



TRUE PLAN
NORTH NORTH
1
1/8" First Floor Equipment Plan - Area A
1/8" = 1'-0"

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**CITY OF MADISON
METRO TRANSIT PHASE 3A - MAINTENANCE AND
DRIVER FACILITY IMPROVEMENTS
1101 EAST WASHINGTON AVE.
MADISON, WI 53703**

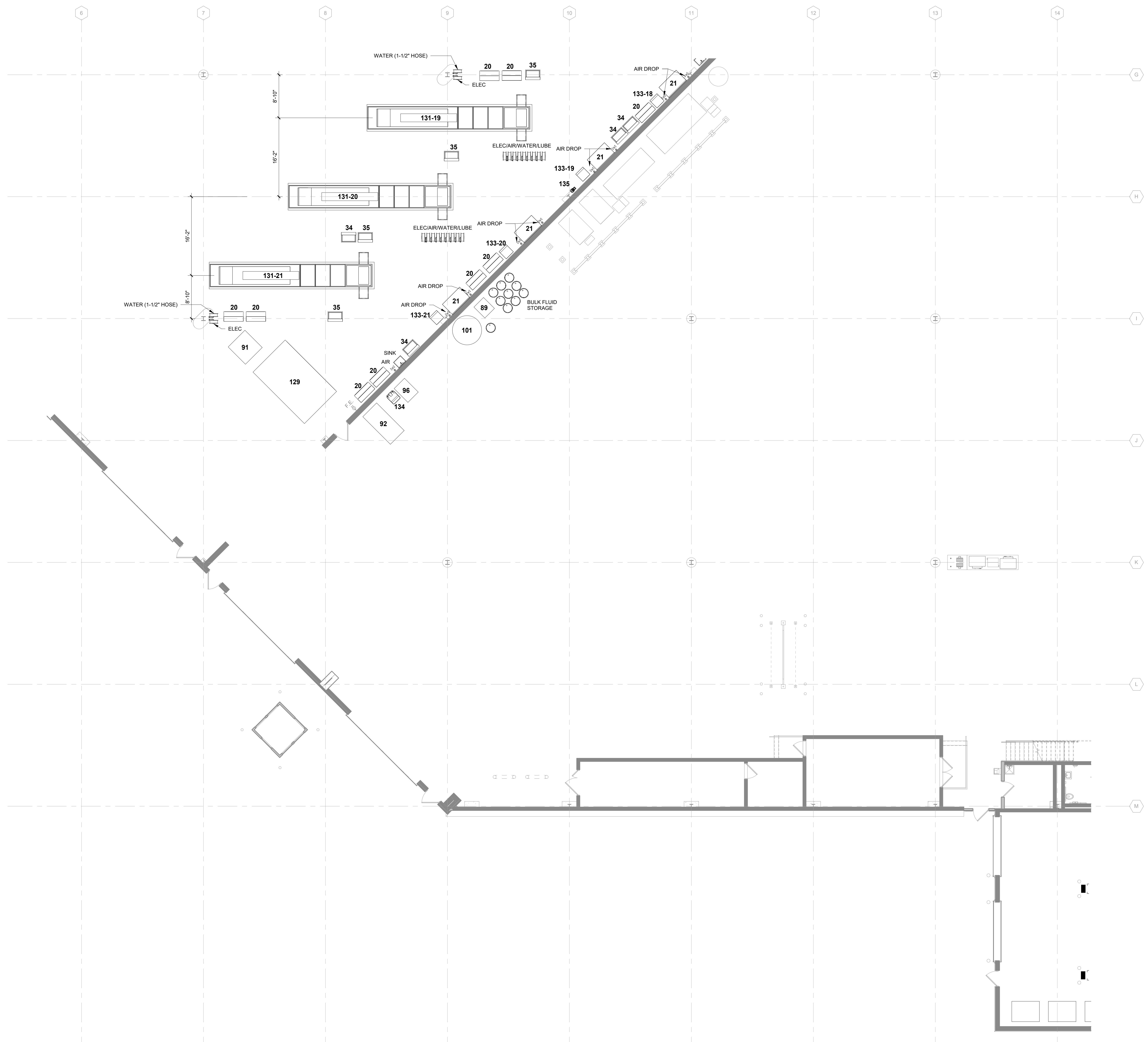
ISSUED
04/08/21 BID SET

CONTRACT NO.: 8981
M&H NO.: 4503500-180896.03
DATE: APRIL 8, 2021
DESIGNED BY: JPW
DRAWN BY: RES
CHECKED BY: Checker

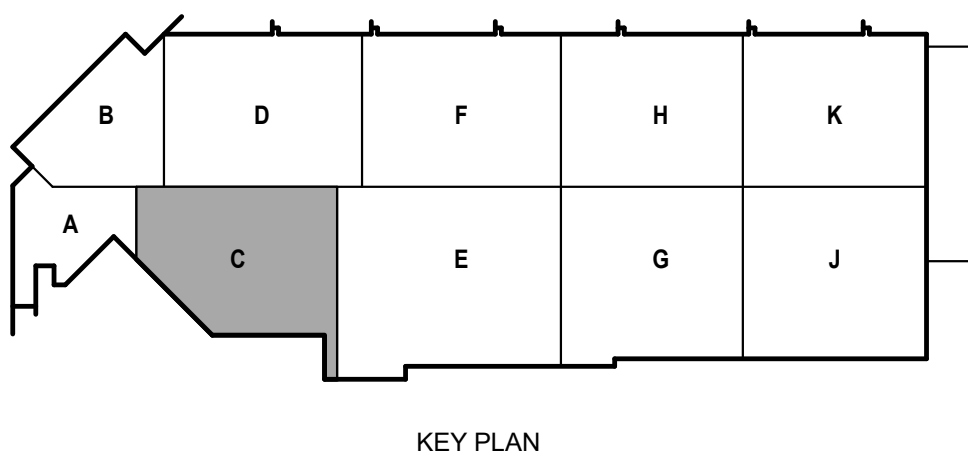
DO NOT SCALE DRAWINGS
SHEET CONTENTS
FIRST FLOOR PLAN -
AREA C

SHEET NO.:

Q-101C



EQUIPMENT SCHEDULE						
Mark	Type	Count	Owner Provided	Owner Installed	GC Provided	GC Installed
2	Rim Clamp Tire Machine	1	X	X		
3	Desk 60"W x 30"D	3			X	X
6	Tire Cage	1	X	X		
9	2-Tier Locker - 12"x15"x 78"	6			X	X
20	Tool Cabinet	30	X	X		
21	Work Bench 5'-0"W x 3'-0"D x 3'-0"H	16			X	X
34	SmartWasher SW-37	9			X	X
35	Oil King 25 gal Used-Oil Receiver	11			X	X
45	Tool Cabinet	1	X	X		
57	Battery Charging Bench	1	X	X	X	X
58	Battery Charging Bench	1	X	X		
80	Pallet Storage Floor Space	1	X	X		
83	Pallet Storage Floor Space	1	X	X		
84	Used Oil Tank	1	X	X		
89	Bulk Fluid Storage Tank #2	1	X			X
91	Dumping Hopper	1	X	X		
92	Baler	1	X			X
96	Oil Filter Crusher	1	X			X
101	Bulk Fluid Storage Tank #3	1	X			X
106	Rack Shelving - 3'D x 10'W x 8'H	3	X			X
118	Rack Shelving - 3'D x 10'W x 8'H	1	X			X
119	Rack Shelving - 3'D x 10'W x 8'H	2	X			X
122	Tire Machine	1	X	X		
123	Flammable Tank Storage	1	X	X	X	X
127	Drill Press	1	X	X		
128	Horizontal Band Saw	1	X	X		
129	Tire Carousel	1			X	X
130	Parts Carousel	1			X	X
131-13	ECO-60-10	1			X	X
131-14	ECO-60-10	1			X	X
131-15	ECO-60-10	1			X	X
131-16	ECO-60-10	1			X	X
131-17	ECO-60-10	1			X	X
131-18	ECO-60-10	1			X	X
131-19	ECO-60-10	1			X	X
131-20	ECO-60-10	1			X	X
131-21	ECO-60-10	1			X	X
132-22	ECO-60-17	1			X	X
133-13	ECO-60 Control Console	1			X	X
133-14	ECO-60 Control Console	1			X	X
133-15	ECO-60 Control Console	1			X	X
133-16	ECO-60 Control Console	1			X	X
133-17	ECO-60 Control Console	1			X	X
133-18	ECO-60 Control Console	1			X	X
133-19	ECO-60 Control Console	1			X	X
133-20	ECO-60 Control Console	1			X	X
133-21	ECO-60 Control Console	1			X	X
133-22	ECO-60 Control Console	1			X	X
134	Oil Filter Trash Receptacle	1	X	X		
135	Waste Oil Pump	2			X	X
A	Rack Shelving - 2'D x 6'W x 8'H	6			X	X
B	Rack Shelving - 2'D x 6'W x 8'H	26			X	X
C	Rack Shelving - 3'D x 10'W x 8'H	5			X	X



TRUE PLAN NORTH NORTH
1/8" First Floor Equipment Plan - Area C
1/8" = 1'-0"

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1101 EAST WASHINGTON AVE.
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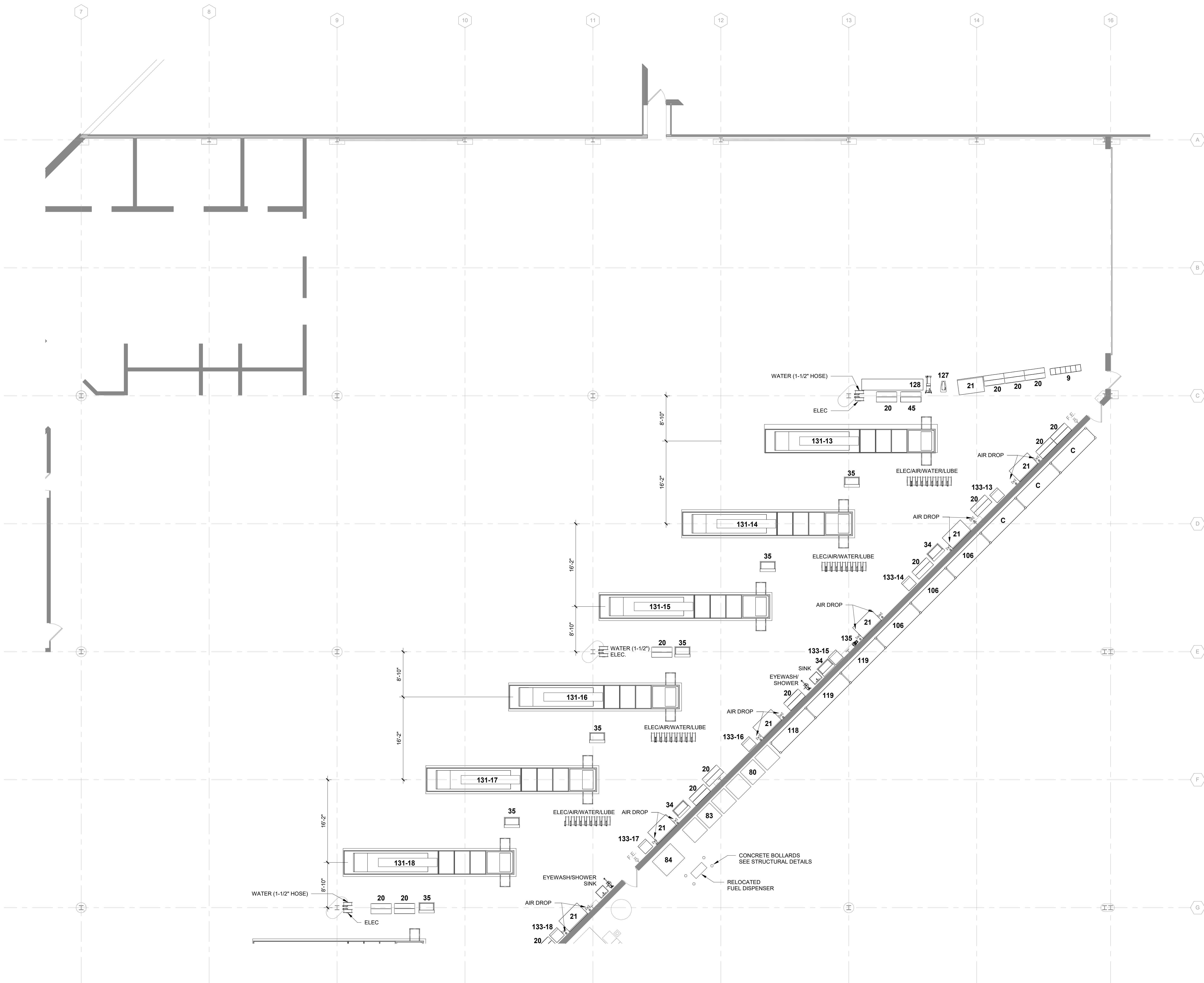
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CONTRACT NO.: 8981
M&H NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: JPW
DRAWN BY: RES
CHECKED BY: Checker

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SHEET CONTENTS
FIRST FLOOR PLAN - AREA D

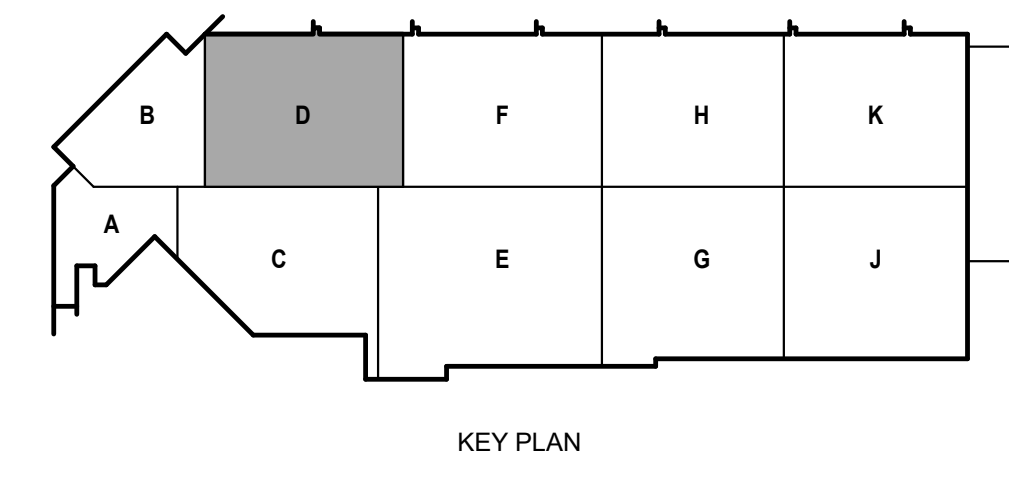
SHEET NO.:

Q-101D



EQUIPMENT SCHEDULE						
Mark	Type	Count	Owner Provided	Owner Installed	GC Provided	GC Installed
2	Rim Clamp Tire Machine	1	X	X		
3	Desk 60"W x 30"D	3			X	X
6	Tire Cage	1	X	X		
9	2-Tier Locker - 12"x15"x 78"	6		X	X	X
20	Tool Cabinet	30	X	X		
21	Work Bench 5'-0"W x 3'-0"D x 3'-0"H	16			X	X
34	SmartWasher SW-37	9			X	X
35	Oil King 25 gal Used-Oil Receiver	11			X	X
45	Tool Cabinet	1	X	X		
57	Battery Charging Bench	1		X	X	X
58	Battery Charging Bench	1	X	X		
80	Pallet Storage Floor Space	1	X	X		
83	Pallet Storage Floor Space	1	X	X		
84	Used Oil Tank	1	X			X
89	Bulk Fluid Storage Tank #2	1	X			X
91	Dumping Hopper	1	X	X		
92	Baler	1	X			X
96	Oil Filter Crusher	1	X			X
101	Bulk Fluid Storage Tank #3	1	X			X
106	Rack Shelving - 3D x 10W x 8H	3	X			X
118	Rack Shelving - 3D x 10W x 8H	1	X			X
119	Rack Shelving - 3D x 10W x 8H	2	X			X
122	Tire Machine	1	X	X		
123	Flammable Tank Storage	1	X		X	X
127	Drill Press	1	X	X		
128	Horizontal Band Saw	1	X	X		
129	Tire Carousel	1			X	X
130	Parts Carousel	1			X	X
131-13	ECO-60-10	1			X	X
131-14	ECO-60-10	1			X	X
131-15	ECO-60-10	1			X	X
131-16	ECO-60-10	1			X	X
131-17	ECO-60-10	1			X	X
131-18	ECO-60-10	1			X	X
131-19	ECO-60-10	1			X	X
131-20	ECO-60-10	1			X	X
131-21	ECO-60-10	1			X	X
132-22	ECO-60-17	1			X	X
133-13	ECO-60 Control Console	1			X	X
133-14	ECO-60 Control Console	1			X	X
133-15	ECO-60 Control Console	1			X	X
133-16	ECO-60 Control Console	1			X	X
133-17	ECO-60 Control Console	1			X	X
133-18	ECO-60 Control Console	1			X	X
133-19	ECO-60 Control Console	1			X	X
133-20	ECO-60 Control Console	1			X	X
133-21	ECO-60 Control Console	1			X	X
133-22	ECO-90 Control Console	1			X	X
134	Oil Filter Trash Receptacle	1	X	X		
135	Waste Oil Pump	2			X	X
A	Rack Shelving - 2D x 6W x 8H	6			X	X
B	Rack Shelving - 2D x 6W x 8H	26			X	X
C	Rack Shelving - 3D x 10W x 8H	5			X	X

TRUE PLAN NORTH NORTH
1/8" First Floor Equipment Plan - Area D
1/8" = 1'-0"



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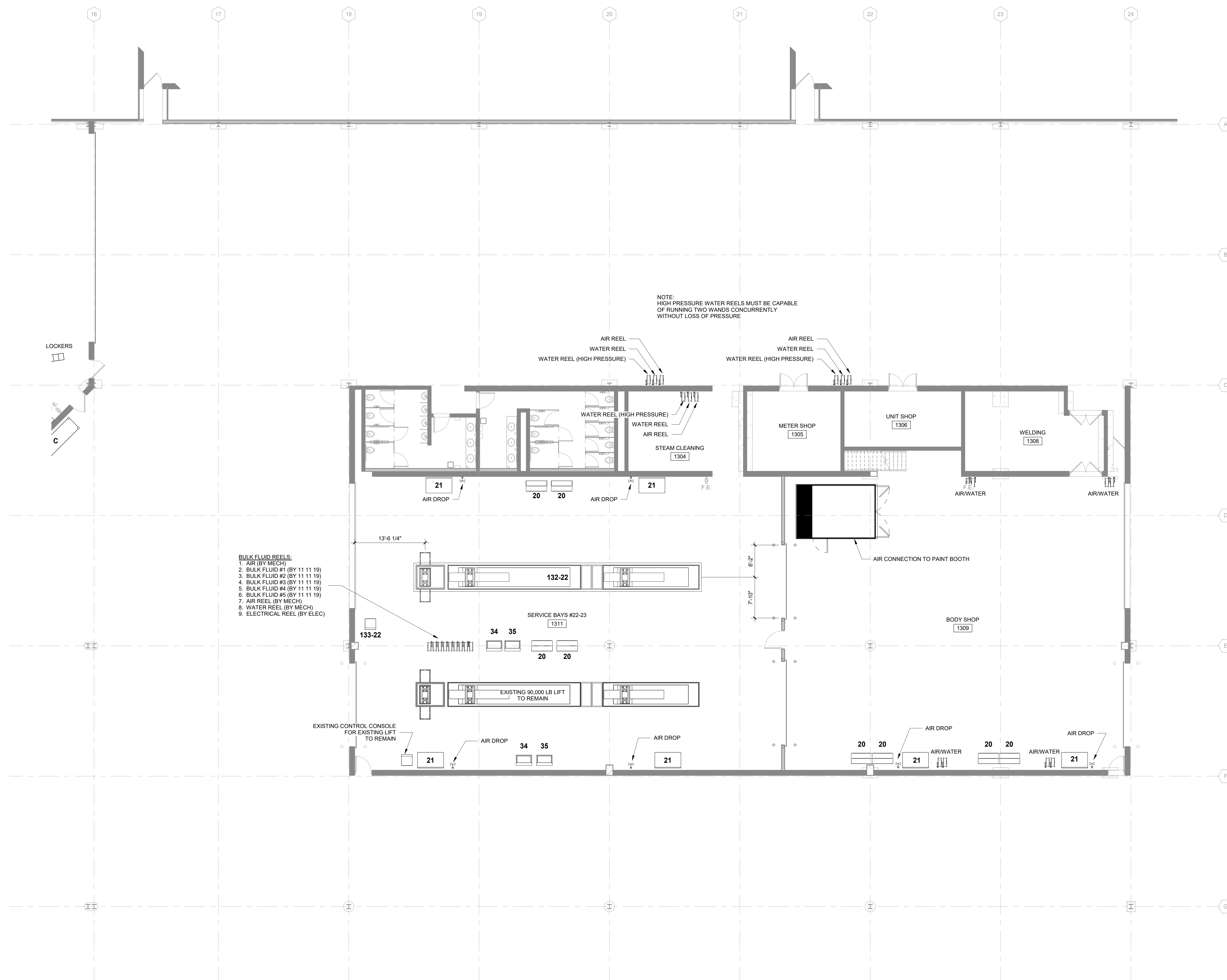
ISSUED
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CONTRACT NO.: 8981
M&H NO.: 4503500-190896.03
DATE: APRIL 8, 2021
DESIGNED BY: JPW
DRAWN BY: RES
CHECKED BY: Checker
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SHEET CONTENTS
**FIRST FLOOR PLAN -
AREA F**

SHEET NO.:

Q-101F

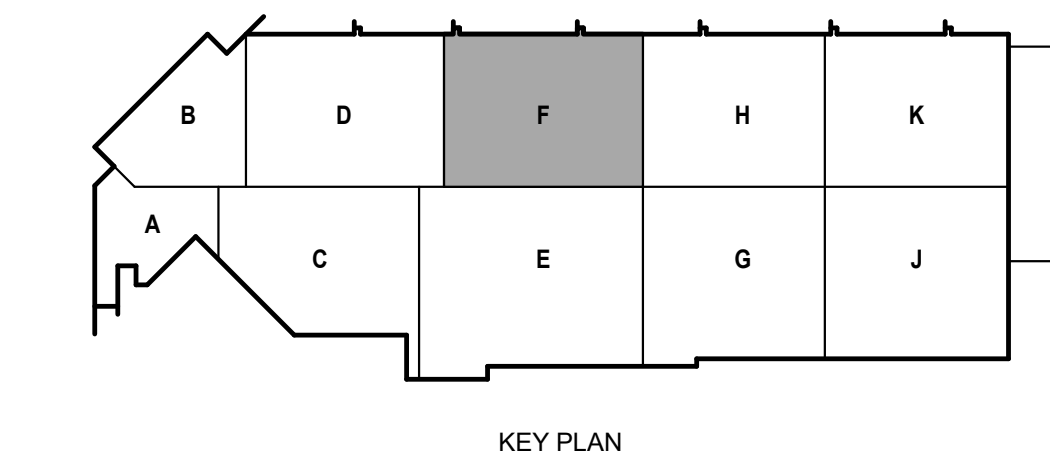


- BULK FLUID REELS:**
- AIR (BY MECH)
 - BULK FLUID #1 (BY 11 11 19)
 - BULK FLUID #2 (BY 11 11 19)
 - BULK FLUID #3 (BY 11 11 19)
 - BULK FLUID #4 (BY 11 11 19)
 - BULK FLUID #5 (BY 11 11 19)
 - AIR REEL (BY MECH)
 - WATER REEL (BY MECH)
 - ELECTRICAL REEL (BY ELEC)

NOTE:
HIGH PRESSURE WATER REELS MUST BE CAPABLE
OF RUNNING TWO WANDS CONCURRENTLY
WITHOUT LOSS OF PRESSURE

EQUIPMENT SCHEDULE						
Mark	Type	Count	Owner Provided	Owner Installed	GC Provided	GC Installed
2	Rim Clamp Tire Machine	1	X	X		
3	Desk 60"W x 30"D	3			X	X
6	Tire Cage	1	X	X		
9	2-Tier Locker - 12"x15"x 78"	6			X	X
20	Tool Cabinet	30	X	X		
21	Work Bench 5'-0"W x 3'-0"D x 3'-0"H	16			X	X
34	SmartWasher SW-37	9			X	X
35	Oil King 25 gal Used-Oil Receiver	11			X	X
45	Tool Cabinet	1	X	X		
57	Battery Charging Bench	1			X	X
58	Battery Charging Bench	1	X	X		
80	Pallet Storage Floor Space	1	X	X		
83	Pallet Storage Floor Space	1	X	X		
84	Used Oil Tank	1	X			
89	Bulk Fluid Storage Tank #2	1	X			
91	Dumping Hopper	1	X	X		
92	Baler	1	X			
96	Oil Filter Crusher	1	X			
101	Bulk Fluid Storage Tank #3	1	X			
106	Rack Shelving - 3'D x 10'W x 8'H	3	X			
118	Rack Shelving - 3'D x 10'W x 8'H	1	X			
119	Rack Shelving - 3'D x 10'W x 8'H	2	X			
122	Tire Machine	1	X	X		
123	Flammable Tank Storage	1			X	X
127	Drill Press	1	X	X		
128	Horizontal Band Saw	1	X	X		
129	Tire Carousel	1			X	X
130	Parts Carousel	1			X	X
131-13	ECO-60-10	1			X	X
131-14	ECO-60-10	1			X	X
131-15	ECO-60-10	1			X	X
131-16	ECO-60-10	1			X	X
131-17	ECO-60-10	1			X	X
131-18	ECO-60-10	1			X	X
131-19	ECO-60-10	1			X	X
131-20	ECO-60-10	1			X	X
131-21	ECO-60-10	1			X	X
132-22	ECO-90-17	1			X	X
133-13	ECO-60 Control Console	1			X	X
133-14	ECO-60 Control Console	1			X	X
133-15	ECO-60 Control Console	1			X	X
133-16	ECO-60 Control Console	1			X	X
133-17	ECO-60 Control Console	1			X	X
133-18	ECO-60 Control Console	1			X	X
133-19	ECO-60 Control Console	1			X	X
133-20	ECO-60 Control Console	1			X	X
133-21	ECO-60 Control Console	1			X	X
133-22	ECO-90 Control Console	1			X	X
134	Oil Filter Trash Receptacle	1	X	X		
135	Waste Oil Pump	2			X	X
A	Rack Shelving - 2'D x 6'W x 8'H	6			X	X
B	Rack Shelving - 2'D x 8'W x 8'H	26			X	X
C	Rack Shelving - 3'D x 10'W x 8'H	5			X	X

TRUE PLAN
NORTH NORTH
1 1/8" First Floor Equipment Plan - Area F
1/8" = 1'-0"



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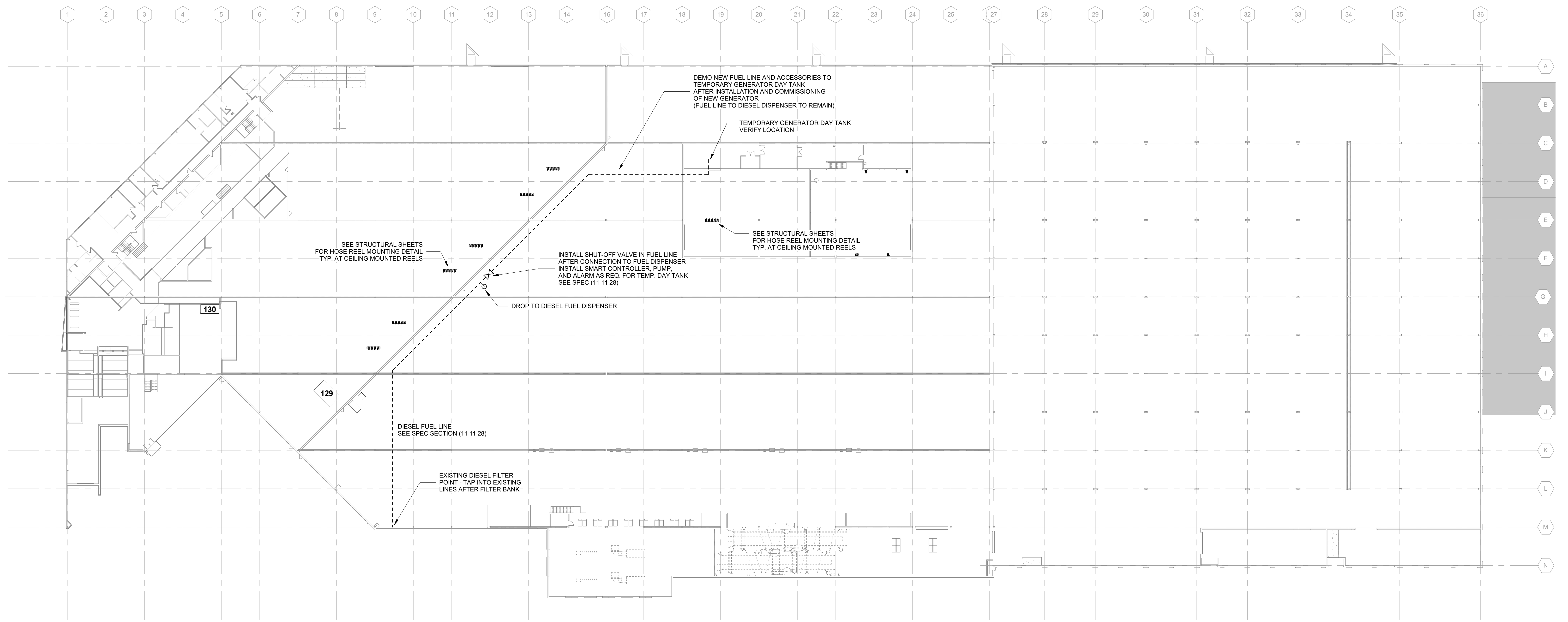
ISSUED
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CONTRACT NO.: 8981
M&H NO.: 4503500-1908996.03
DATE: APRIL 8, 2021
DESIGNED BY: JPW
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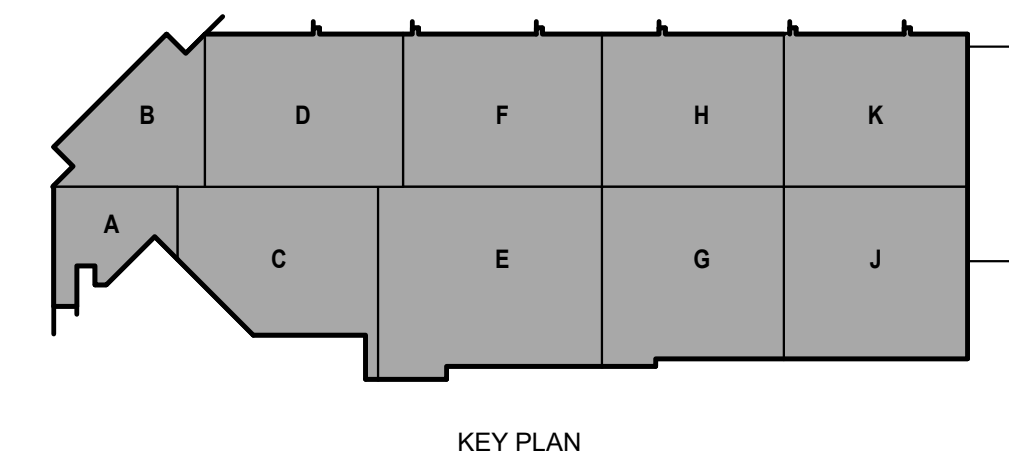
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SHEET CONTENTS
OVERALL SECOND FLOOR PLAN

SHEET NO.:

Q-102



TRUE PLAN
NORTH NORTH
1 Second Floor Equipment Plan
1" = 30'-0"





**CITY OF MADISON
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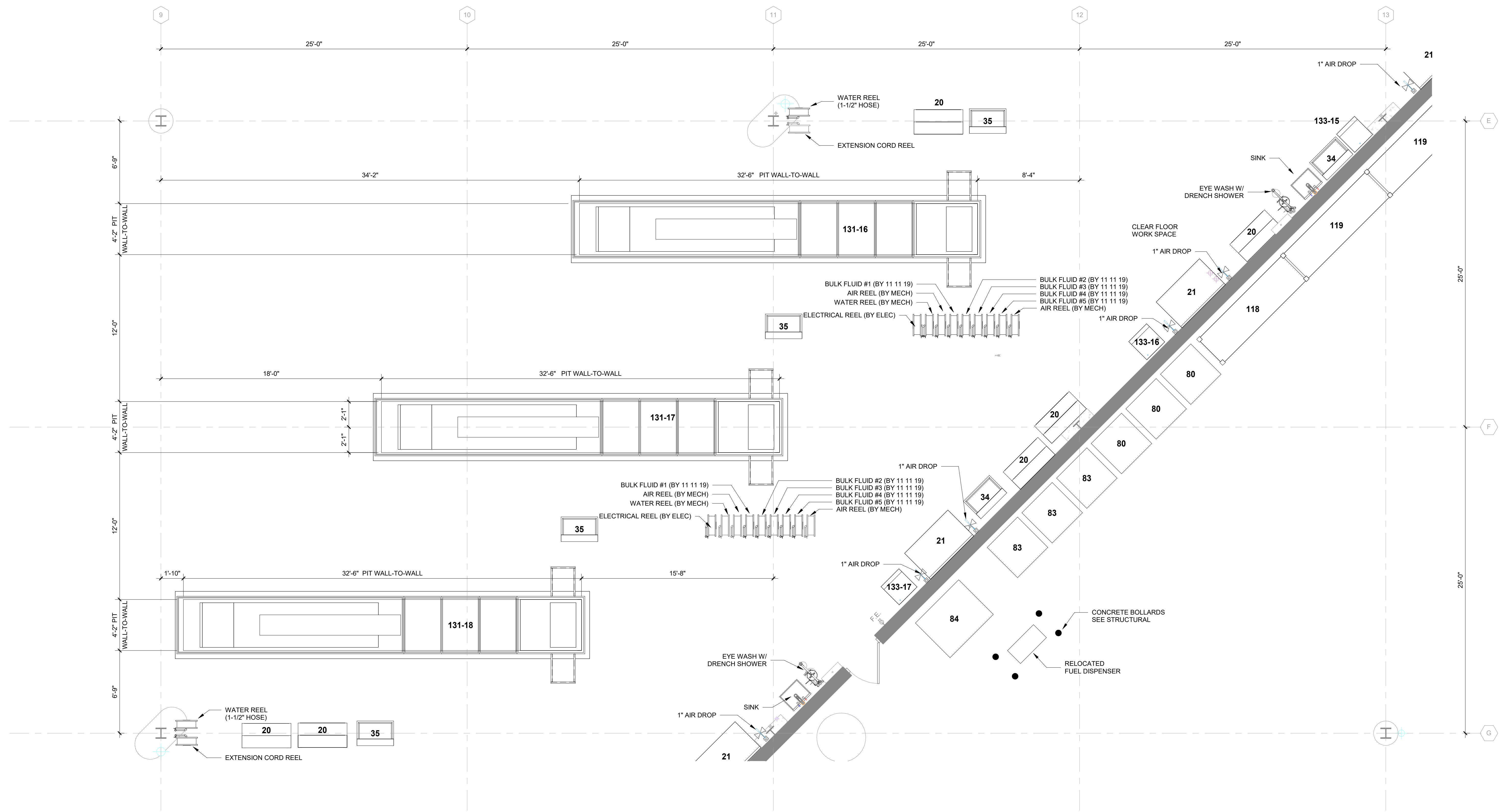
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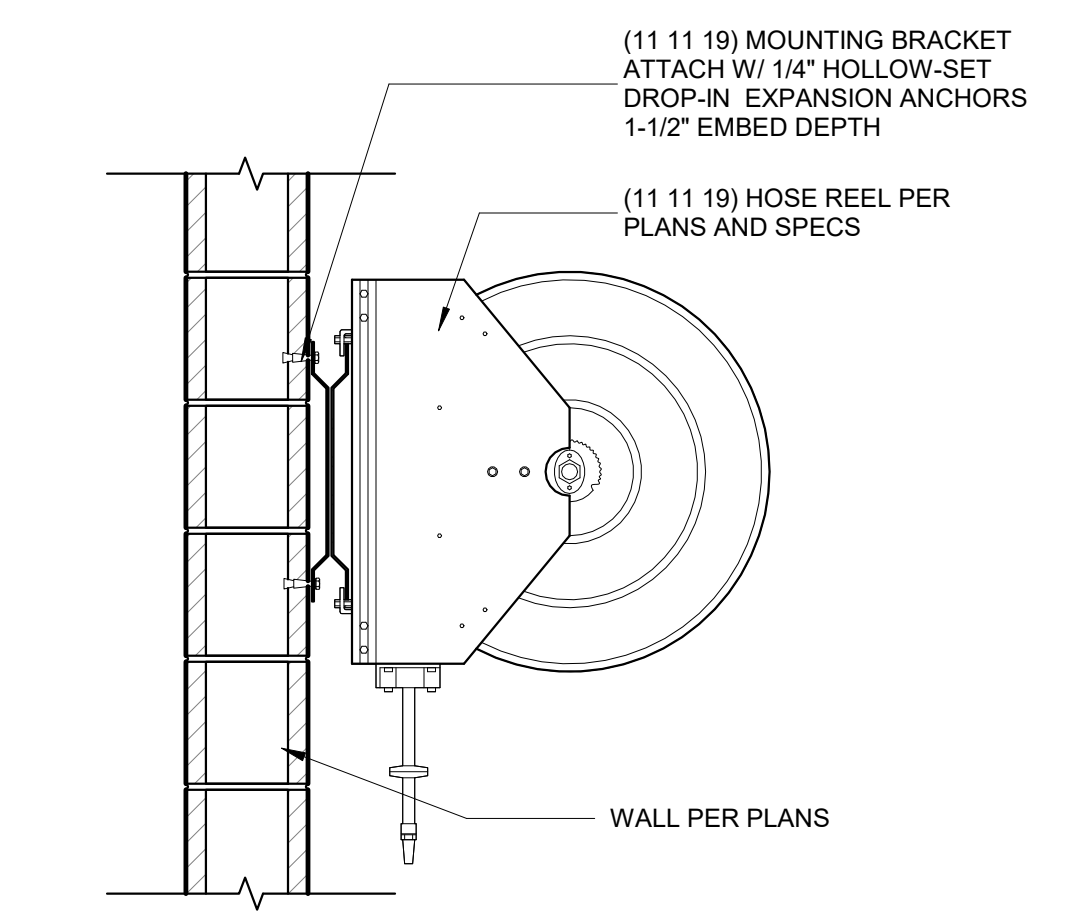
SHEET CONTENTS
**FIRST FLOOR PLAN -
ENLARGED REPAIR
BAY LAYOUT**

SHEET NO.:

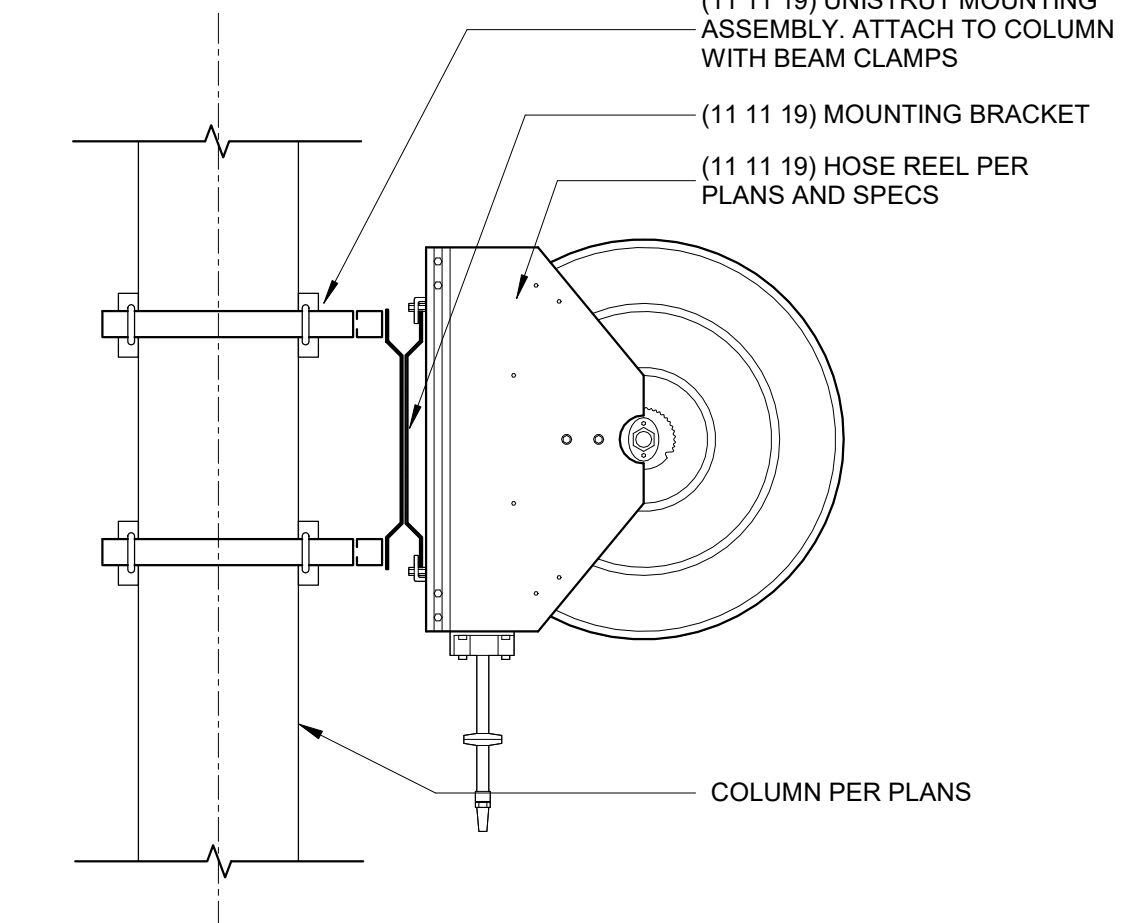
Q-401



1 First Floor Equipment Plan - Typ Repair Bay Layout
1/4" = 1'-0"



2 Hose Reel Mounting @ CMU Wall
1" = 1'-0"



3 Hose Reel Mounting @ Columns
1" = 1'-0"

EQUIPMENT SCHEDULE						
Mark	Type	Count	Owner Provided	Owner Installed	GC Provided	GC Installed
2	Rim Clamp Tire Machine	1	X	X		
3	Desk 60"W x 30"D	3			X	X
6	Tire Cage	1	X	X		
9	2-Tier Locker - 12"x15"x 78"	6			X	X
20	Tool Cabinet	30	X	X		
21	Work Bench 5'-0"W x 3'-0"D x 3'-0"H	16			X	X
34	SmartWasher SW-37	9			X	X
35	Oil King 25 gal Used-Oil Receiver	11			X	X
45	Tool Cabinet	1	X	X		
57	Battery Charging Bench	1			X	X
58	Battery Charging Bench	1	X	X		
80	Pallet Storage Floor Space	1	X	X		
83	Pallet Storage Floor Space	1	X	X		
84	Used Oil Tank	1	X	X		
89	Bulk Fluid Storage Tank #2	1	X	X		
91	Dumping Hopper	1	X	X		
92	Baler	1	X	X		
96	Oil Filter Crusher	1	X	X		
101	Bulk Fluid Storage Tank #3	1	X	X		
106	Rack Shelving - 3D x 10W x 8H	3	X	X		
118	Rack Shelving - 3D x 10W x 8H	1	X	X		
119	Rack Shelving - 3D x 10W x 8H	2	X	X		
122	Tire Machine	1	X	X		
123	Flammable Tank Storage	1	X	X	X	X
127	Drill Press	1	X	X		
128	Horizontal Band Saw	1	X	X		
129	Tire Carousel	1			X	X
130	Parts Carousel	1			X	X
131-13	ECO-60-10	1			X	X
131-14	ECO-60-10	1			X	X
131-15	ECO-60-10	1			X	X
131-16	ECO-60-10	1			X	X
131-17	ECO-60-10	1			X	X
131-18	ECO-60-10	1			X	X
131-19	ECO-60-10	1			X	X
131-20	ECO-60-10	1			X	X
131-21	ECO-60-10	1			X	X
132-22	ECO-90-17	1			X	X
133-14	ECO-60 Control Console	1			X	X
133-15	ECO-60 Control Console	1			X	X
133-16	ECO-60 Control Console	1			X	X
133-17	ECO-60 Control Console	1			X	X
133-18	ECO-60 Control Console	1			X	X
133-19	ECO-60 Control Console	1			X	X
133-20	ECO-60 Control Console	1			X	X
133-21	ECO-60 Control Console	1			X	X
133-22	ECO-90 Control Console	1			X	X
134	Oil Filter Trash Receptacle	1	X	X		
135	Waste Oil Pump	2			X	X
A	Rack Shelving - 2D x 6W x 8H	6			X	X
B	Rack Shelving - 2D x 6W x 8H	26			X	X
C	Rack Shelving - 3D x 10W x 8H	5			X	X