

# AXIUM BTS EXPANSION - ST. PETERS

4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

ARCHITECTS PROJECT # 267020

A PROJECT FOR  
~~PEAK CONSTRUCTION~~

CIVIL

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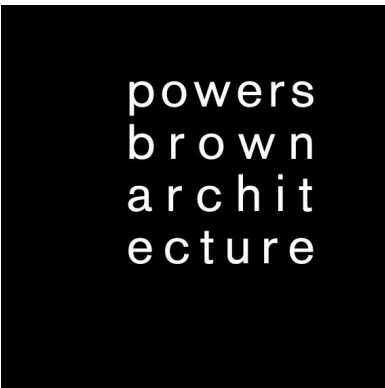
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KYLE MUSIKA~~





Autodesk Docs://267020 Peak Axium St Peter's Expansion/267020\_ARCH\_Peak Axium BTS Expansion\_P25.rvt 16/04/2026 15:50:36

PROJECT INFORMATION

APPLICABLE BUILDING CODES AND REGULATIONS

2021 INTERNATIONAL BUILDING CODE WITH AMENDMENTS  
2021 INTERNATIONAL FIRE CODE WITH AMENDMENTS  
2021 INTERNATIONAL MECHANICAL CODE WITH AMENDMENTS  
2021 INTERNATIONAL PLUMBING CODE WITH AMENDMENTS  
2020 NATIONAL ELECTRICAL CODE WITH AMENDMENTS  
2021 INTERNATIONAL ENERGY CONSERVATION CODE WITH AMENDMENTS

PROJECT DESCRIPTION

PROJECT INCLUDES NEW GROUND-UP, INSULATED CONCRETE  
TILTWALL CONSTRUCTION WAREHOUSE AND PRODUCTION SPACE  
EXPANSION.

BUILDING NAME:  
AXIUM ST. PETERS - EXPANSION

BUILDING ADDRESS:  
4001 PREMIER PARKWAY, ST. PETERS, MO 63301

LEASE SPACE ADDRESS AND/OR SUITE NO.  
N/A

SCOPE OF PROJECT:  
NEW CONSTRUCTION: \_\_\_\_\_  
ADDITION:       X        
REMODEL: \_\_\_\_\_  
FOUNDATION: \_\_\_\_\_  
DEMOLITION \_\_\_\_\_  
OTHER: \_\_\_\_\_

GRADE ELEVATION OF BUILDING:  
FFE = 430.05

BUILDING LENGTH:  
418'-0"

BUILDING WIDTH:  
165'-0"

BUILDING GROSS SQUARE FOOTAGE:  
63,500 SF

GARAGE SQUARE FOOTAGE:  
N/A

NUMBER OF FLOORS:  
1-STORY WAREHOUSE

ESTIMATED COST OF CONSTRUCTION:  
TBD

SPRINKLERED:  
FULLY SPRINKLERED

OCCUPANCY TYPE:  
(Per Section 508)  
SINGLE OCCUPANCY:       F-1        
MIXED OCCUPANCY: \_\_\_\_\_  
SEPARATED USES: \_\_\_\_\_  
NON-SEPARATED USES: \_\_\_\_\_

OCCUPANCY SEPARATION REQUIREMENTS:  
(Per Table 508.4)  
NONE REQUIRED

CONSTRUCTION TYPE:  
(Per Section 602)  
II-B

ALLOWABLE HEIGHT:  
(Per Section 504 AND Tables 504.3 AND 504.4)  
2-STORY PER SECTION 507.5

ALLOWABLE AREA:  
(Per Section 506 AND Table 506.2)  
UNLIMITED AREA BUILDING PER SECTION 507.5

ACTUAL HEIGHT:  
(Grade plane to average height of highest roof surface)  
47'-0"

ACTUAL AREA:  
63,500 SF

AREA MODIFICATIONS:

UNLIMITED AREA  
(Per Section 507)

PARKING

|           |                     |                     |
|-----------|---------------------|---------------------|
| Occupancy | Spaces Required     | Spaces Provided     |
|           | Refer to Civil Dwgs | Refer to Civil Dwgs |
|           |                     |                     |
|           |                     |                     |
|           |                     |                     |
| TOTAL     |                     | *                   |

|       |                     |                     |
|-------|---------------------|---------------------|
|       | ADA Spaces Required | ADA Spaces Provided |
| TOTAL | Refer to Civil Dwgs | Refer to Civil Dwgs |

\* ADA spaces provided are included in the total number of parking spaces provided.

ENERGY CODE REVIEW

CLIMATE ZONE:       4A        
(Per IECC Chapter 3, ASHRAE Appendix B)

Opaque Thermal Envelope Insulation Component Requirements  
(Per IECC)

|                                            | R Value Required | R Value Provided | U Value Required | U Value Provided |
|--------------------------------------------|------------------|------------------|------------------|------------------|
| Roofs<br>Rigid Ins./Metal Deck             |                  | R-30             |                  |                  |
| Walls, Above Grade<br>Insulated Conc. Tilt |                  | R-12             |                  |                  |
| Walls, Below Grade<br>Wall Type            |                  | N/A              |                  |                  |
| Floors<br>Joist/framing                    |                  | N/A              |                  |                  |
| Slab-on-grade Floors<br>Unheated           |                  | N/A              |                  |                  |
| Opaque Doors<br>Non-Swinging               |                  |                  |                  | U-0.07           |
| Opaque Doors<br>Swinging                   |                  |                  |                  | U-0.14           |

Building Envelope Fenestration Maximum U-Factor and SHGC Requirements  
(Per IECC)

| U-Factor       | Required | Provided |
|----------------|----------|----------|
| Fixed          |          | U-0.29   |
| Operable       |          | N/A      |
| Entrance Doors |          | U-0.29   |

| SHGC        | Required | Provided |
|-------------|----------|----------|
| Orientation |          |          |
| PF =        |          | U-0.29   |

| Skylights | Required | Provided |
|-----------|----------|----------|
| U-Factor  |          | N/A      |
| SHGH      |          | N/A      |

Values noted above based on:  
Performance method per attached COMcheck

| LEVEL            | OCCUPANCY/ USE | Number of Exits<br>(Per Table 1006) |          | Exit Width                  |          |                                              |          |
|------------------|----------------|-------------------------------------|----------|-----------------------------|----------|----------------------------------------------|----------|
|                  |                | Required                            | Provided | Stairs (Per Table 1005.3.1) |          | Other Egress Components (Per Table 1005.3.2) |          |
|                  |                |                                     |          | Required                    | Provided | Required                                     | Provided |
| LEVEL 01 FACTORY |                | 2                                   | 5        | N/A                         | N/A      | 17.4"                                        | 160"     |
|                  |                |                                     |          |                             |          |                                              |          |
|                  |                |                                     |          |                             |          |                                              |          |

|                                                               |                         |                          |     |    |
|---------------------------------------------------------------|-------------------------|--------------------------|-----|----|
| Are Areas of Rescue Assistance Required?                      |                         |                          | Yes | No |
| (Per TAS Section 4.1.3 (9) Exception)<br>(Per Section 1009.6) |                         |                          |     |    |
| Exit Access Travel Distance<br>(Per Table 1017.2 & 1017.2.2)  |                         |                          |     |    |
| Occupancy                                                     | Maximum Travel Distance | Travel Distance Provided |     |    |
| F-1 / FACTORY                                                 | 400'-0"                 | REFER TO G003            |     |    |
|                                                               |                         |                          |     |    |
|                                                               |                         |                          |     |    |
|                                                               |                         |                          |     |    |
|                                                               |                         |                          |     |    |
|                                                               |                         |                          |     |    |

Minimum Corridor Width: 44" minimum unless provided for otherwise in the Exceptions or calculated per Section 1005.7  
(Per Section 1020.3)

Minimum Means of Egress Height: 7'-6" per NFPA unless provided for otherwise in the Exceptions  
(Per Section 1003.2)

Maximum Dead-End Corridor A Occupancies 20'-0" maximum - sprinklered  
(Per Section 1020.5) B/S/F Occupancies 50'-0" maximum - sprinklered

Stairway Clear Headroom Stairways shall have a minimum headroom clearance of 80" (6'-8")  
(Per Section 1011.3)

Stairway Treads and Risers Stairways shall have a maximum riser height of 7", a minimum riser height of 4", and a minimum tread depth of 11"  
(Per Section 1011.5)

Common Path of Egress Travel 75'-0" maximum in A occupancies - sprinklered  
(Per Table 1006.2.1 and Section 1006.2.2) 100'-0" maximum in B/S/F occupancies - sprinklered

| Plumbing Fixture Counts (Table 2902.1)      |                          |                    |               |          |          |          |            |          |          |          |                    |          |               |
|---------------------------------------------|--------------------------|--------------------|---------------|----------|----------|----------|------------|----------|----------|----------|--------------------|----------|---------------|
|                                             |                          |                    | Water Closets |          |          |          | Lavatories |          |          |          | Drinking Fountains |          | Service Sinks |
|                                             |                          |                    | Male          |          | Female   |          | Male       |          | Female   |          | Required           | Provided | Required      |
|                                             |                          |                    | Required      | Provided | Required | Provided | Required   | Provided | Required | Provided |                    |          |               |
| Occupancy and Area Served                   | Occupant Load Factor     | Occupant Load      |               |          |          |          |            |          |          |          |                    |          |               |
| LEVEL 01 Warehouse/Factory/ Shipping Office | Per direction from owner | 25 employees/shift | 1             | *        | 1        | *        | 1          | *        | 1        | *        | 1                  | *        | 1             |
|                                             |                          |                    |               |          |          |          |            |          |          |          |                    |          |               |
|                                             |                          |                    |               |          |          |          |            |          |          |          |                    |          |               |
| Total Number of Fixtures                    | Required                 |                    | 1             | 1        | 1        | 1        | 1          | 1        | 1        | 1        | 1                  | 1        | 1             |
|                                             | Existing Provided        |                    | 5             | 5        | 4        | 4        | 2          | 1        |          |          |                    |          |               |

\*FACILITIES ARE SHARED BETWEEN FIRST FLOOR OFFICE AND WAREHOUSE/FACTORY AREAS

| Fire-Resistance Rating Requirements for Building Elements (hours) (Per Table 601) |                                            |                 |                 |
|-----------------------------------------------------------------------------------|--------------------------------------------|-----------------|-----------------|
| Building Element                                                                  | Rating Required                            | Rating Provided | U.L. Assembly # |
| Structural Frame                                                                  | 0                                          | N/A             |                 |
| Bearing Walls - Exterior                                                          | 0                                          | N/A             |                 |
| Bearing Walls - Interior                                                          | 0                                          | N/A             |                 |
| Non-bearing walls and partitions - Exterior                                       | 0                                          | N/A             |                 |
| Non-bearing walls and partitions - Interior                                       | 0                                          | N/A             |                 |
| Floor construction                                                                | 0                                          | N/A             |                 |
| Roof construction                                                                 | 0                                          | N/A             |                 |
| Demising Walls                                                                    | Refer to Occupancy Separation Requirements |                 |                 |
| Automatic Fire Extinguishing System Reduction Claimed?                            | Yes                                        | No              |                 |

|                                                           |     |     |  |
|-----------------------------------------------------------|-----|-----|--|
| Stairways<br>(Per Section 707 and Section 1019 or 1023.2) | N/A | N/A |  |
| Elevator Shafts<br>(Per Section 712 and Section 713)      | N/A | N/A |  |
| Corridors<br>(Per Table 1020.2)                           | N/A | N/A |  |
| Fire Rated Doors<br>(Per Table 716.1(2))                  | N/A | N/A |  |

Automatic Fire Sprinkler System  
(Per IFC Section 903)  
Required: YES

Fire Protection Systems  
Type of System Provided: Automatic Sprinkler System NFPA 13 - ESFR

Alternative Automatic Fire Extinguishing Systems  
(Per IFC Section 904)  
Required: NO

Type of System Provided: N/A

Standpipe System AND Hose Connections  
(Per IFC Section 905)  
Not Required per Section 905:

Portable Fire Extinguishers  
(Per IFC Section 906)  
Required: YES  
Number Provided: REFER TO G004

Fire / Emergency Alarm and Detection Systems  
(Per IFC Section 907 and Section 908)  
Required: YES

Smoke & Heat Removal Systems:  
(Per IFC Section 909)  
Required as Noted on Sheet: Smoke and heat removal shall not be required in areas of buildings equipped with early suppression fast-response (ESFR) sprinklers.

| Occupancy Type and Load Schedule (Table 1004.5) |      |              |           |                         |                  |          |
|-------------------------------------------------|------|--------------|-----------|-------------------------|------------------|----------|
| LEVEL                                           | NAME | SPECIFIC USE | *AREA     | **FLOOR AREA / OCCUPANT | ***OCCUPANT LOAD | COMMENTS |
| LEVEL 01                                        | F-1  | FACTORY      | 63,500 SF | 500 SF/PERSON GROSS     | 126              |          |
|                                                 |      |              |           |                         |                  |          |
|                                                 |      |              |           |                         |                  |          |
|                                                 |      |              |           |                         |                  |          |
|                                                 |      |              |           |                         |                  |          |
|                                                 |      |              |           |                         |                  |          |
| TOTAL                                           |      |              | 63,500 SF |                         | 126 OCCUPANTS    |          |

\*AREA - LIST SQUARE FOOTAGE IN EACH OCCUPANCY CLASSIFICATION.  
\*\*FLOOR AREA / OCCUPANT - LIST FLOOR AREA IN SQUARE FOOT PER OCCUPANT PER IBC TABLE 1004.5  
\*\*\*OCCUPANT LOAD - LIST ALLOWABLE OCCUPANTS PER OCCUPANT CLASSIFICATION

| Interior Finish<br>(Per Table 803.13) |                                     |           |                           |
|---------------------------------------|-------------------------------------|-----------|---------------------------|
| Occupancy Group                       | Exits, Enclosures, Exit Passageways | Corridors | Rooms and Enclosed Spaces |
| F-1 / FACTORY                         | C                                   | C         | C                         |
|                                       |                                     |           |                           |
|                                       |                                     |           |                           |
|                                       |                                     |           |                           |
|                                       |                                     |           |                           |
|                                       |                                     |           |                           |
|                                       |                                     |           |                           |

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PROJECT TITLE

AXIUM BTS EXPANSION - ST. PETERS

4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

A PROJECT FOR  
PEAK CONSTRUCTION

GENERAL NOTES

△

DATE

REVISION

2026-04-17

PERMIT

PROJECT NO: 267020

DRAWN BY: PJ

CHECKED BY: BW

SHEET NAME

CODE SUMMARY

SEAL

SHEET NUMBER

STATE OF MISSOURI  
GRANT BRANDENBURG  
NUMBER  
A-2020016291  
ARCHITECT

G002

EXP: 12/31/2026

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|                               |                                            |
|-------------------------------|--------------------------------------------|
| Energy Code:                  | 90.1 (2019) Standard                       |
| Project Title:                | 267020 Axiom BTS Expansion St. Peters_90.1 |
| Location:                     | Saint Peters, Missouri                     |
| Climate Zone:                 | 4a                                         |
| Project Type:                 | Addition                                   |
| Vertical Glazing / Wall Area: | 0.002                                      |
| Performance Sim. Specs:       | EnergyPlus 24.1.0 (EPW: )                  |

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| Assembly                                                                                                                                      | Gross Area or Perimeter | Cavity R-Value | Cont. R-Value | Proposed U-Factor | Budget U-Factor |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|---------------|-------------------|-----------------|
| Roof:Roof, Insulation Entirely Above Deck, Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility]                                          | 62600                   | ---            | 30.00         | 0.032             | 0.032           |
| Floor:Floor, Unheated Slab-On-Grade, Horizontal with vertical 1 ft., Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility] (c)            | 1188                    | ---            | 0.00          | 0.730             | 0.520           |
| NORTH                                                                                                                                         |                         |                |               |                   |                 |
| Ext Wall:NORTH, Concrete, Normal Density, Furring: None, Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility]                            | 6460                    | ---            | 12.00         | 0.071             | 0.104           |
| Window:Window, Metal Frame, Perf. Specs.: Product ID , SHGC 0.29, VT 0.35, Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility] (b)      | 30                      | ---            | ---           | 0.290             | 0.360           |
| Door:Door - Swinging, Insulated Metal, Swinging, Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility]                                    | 84                      | ---            | ---           | 0.140             | 0.370           |
| Door:Door - Non-Swinging, Insulated Metal, Non-Swinging, Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility]                            | 168                     | ---            | ---           | 0.083             | 0.310           |
| EAST                                                                                                                                          |                         |                |               |                   |                 |
| Ext Wall:EAST, Concrete, Normal Density, Furring: None, Semi-Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility]                        | 17040                   | ---            | 12.00         | 0.070             | 0.580           |
| Window:Window, Metal Frame, Perf. Specs.: Product ID , SHGC 0.29, VT 0.35, Semi-Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility] (b) | 30                      | ---            | ---           | 0.290             | 0.360           |
| Door:Door - Swinging, Insulated Metal, Swinging, Semi-Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility]                               | 84                      | ---            | ---           | 0.140             | 0.370           |
| Door:Door - Non-Swinging, Insulated Metal, Non-Swinging, Semi-Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility]                       | 504                     | ---            | ---           | 0.083             | 0.310           |
| SOUTH                                                                                                                                         |                         |                |               |                   |                 |
| Ext Wall:SOUTH, Concrete, Normal Density, Furring: None, Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility]                            | 7750                    | ---            | 12.00         | 0.071             | 0.104           |
| Window:Window, Metal Frame, Perf. Specs.: Product ID , SHGC 0.29, VT 0.35, Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility] (b)      | 30                      | ---            | ---           | 0.290             | 0.360           |
| Door:Door - Swinging, Insulated Metal, Non-Swinging, Exterior Envelope, [Bldg. Use 1 - Manufacturing Facility]                                | 21                      | ---            | ---           | 0.140             | 0.310           |
| WEST                                                                                                                                          |                         |                |               |                   |                 |

Report Date: Apr 09, 2026, 03:22 PM

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.  
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.  
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

**Compliance Statement:** The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 90.1 (2019) Standard requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

4/9/2026

Report Date: Apr 09, 2026, 03:22 PM

4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

~~A PROJECT FOR~~

~~PEAK CONSTRUCTION~~

 ASSEMBLY: A-2  
 BUSINESS  
 INDICATES MILLWORK

NOTE: ITEMS SHOWN DASHED ARE SHOWN FOR  
REFERENCE ONLY - THESE ITEMS ARE FUTURE  
CONSTRUCTION

 TRAVEL DISTANCE  
 COMMON PATH OF TRAVEL  
 EXIT SIGN

TOTAL EXITS PROVIDED = 20

PER SECTION 1017.2.2 IBC 2021, FOR OCCUPANCY S-1  
WITH A SPRINKLER SYSTEM, THE EXIT TRAVEL  
DISTANCE SHOULD BE 400'-0" MAXIMUM WITH  
EXCEPTION

PER SECTION 1017.2.2 IBC 2021, FOR OCCUPANCY F-1  
WITH A SPRINKLER SYSTEM, THE EXIT TRAVEL  
DISTANCE SHOULD BE 400'-0" MAXIMUM WITH  
EXCEPTION

PER SECTION 1017.2 IBC 2021, FOR OCCUPANCY A-2 WITH A SPRINKLER SYSTEM, THE EXIT TRAVEL DISTANCE SHOULD BE 250'-0" MAXIMUM WITH EXCEPTION

PER SECTION 1017.2 IBC 2021, FOR OCCUPANCY B WITH A SPRINKLER SYSTEM, THE EXIT TRAVEL DISTANCE SHOULD BE 300'-0" MAXIMUM WITH EXCEPTION

BUILDING TO BE SPRINKLED AS REQUIRED PER IFC 2021  
CHAPTER 9 AND NFPA 13

[illegible]

PROJECT NO: 267020

DRAWN BY: PJ

**CHECKED BY:** BW

**SHEET NAME**

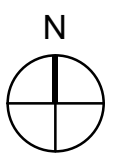
## EGRESS PLANS

SEAL

SHEET NUMBER



**G003**



**A4 OVERALL EGRESS DIAGRAM**

SCALE: 1/32" = 1'-0"

PROJECT TITLE

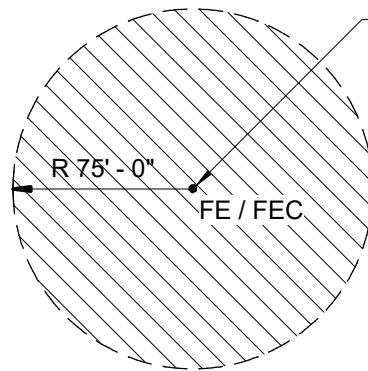
AXIUM BTS EXPANSION - ST.  
PETERS

4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

A PROJECT FOR

PEAK CONSTRUCTION

PLAN LEGEND



WALL MOUNTED FIRE  
EXTINGUISHER (FE) OR  
RECESSED FIRE  
EXTINGUISHER CABINET  
(FEC) - REFER TO PLANS  
FOR EXACT LOCATIONS



SEMI-RECESSED FIRE EXTINGUISHER CABINET



SURFACE MOUNTED FIRE EXTINGUISHER  
CABINET



FIRE EXTINGUISHER PLACED INSIDE  
MILLWORK CABINET. PROVIDE SIGNAGE AT  
CABINET FACE (SEE ELEVATIONS FOR SPEC  
AND PLACEMENT)



TRAVEL DISTANCE

TOTAL FE / FEC PROVIDED = 34

GENERAL NOTES

- A ALL PORTABLE FIRE EXTINGUISHERS TO MEET NFPA 10  
B PER NFPA 10: MAXIMUM TRAVEL DISTANCE BETWEEN FIRE EXTINGUISHERS = 75'-0"  
C PER NFPA 10: PROVIDE WALL MOUNTED FIRE EXTINGUISHER (FE), OR RECESSED FIRE EXTINGUISHER CABINETS (FEC) - REFER TO PLANS FOR EXACT LOCATIONS  
D ALL FEC CABINET TO BE WHITE FINISH UNO  
E ALL COLUMNS TO BE PAINTED RED AT FIRE EXTINGUISHER LOCATIONS

| △ | DATE       | REVISION |
|---|------------|----------|
|   | 2026-04-17 | PERMIT   |
|   |            |          |
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PROJECT NO: 267020

DRAWN BY: PJ

CHECKED BY: BW

SHEET NAME

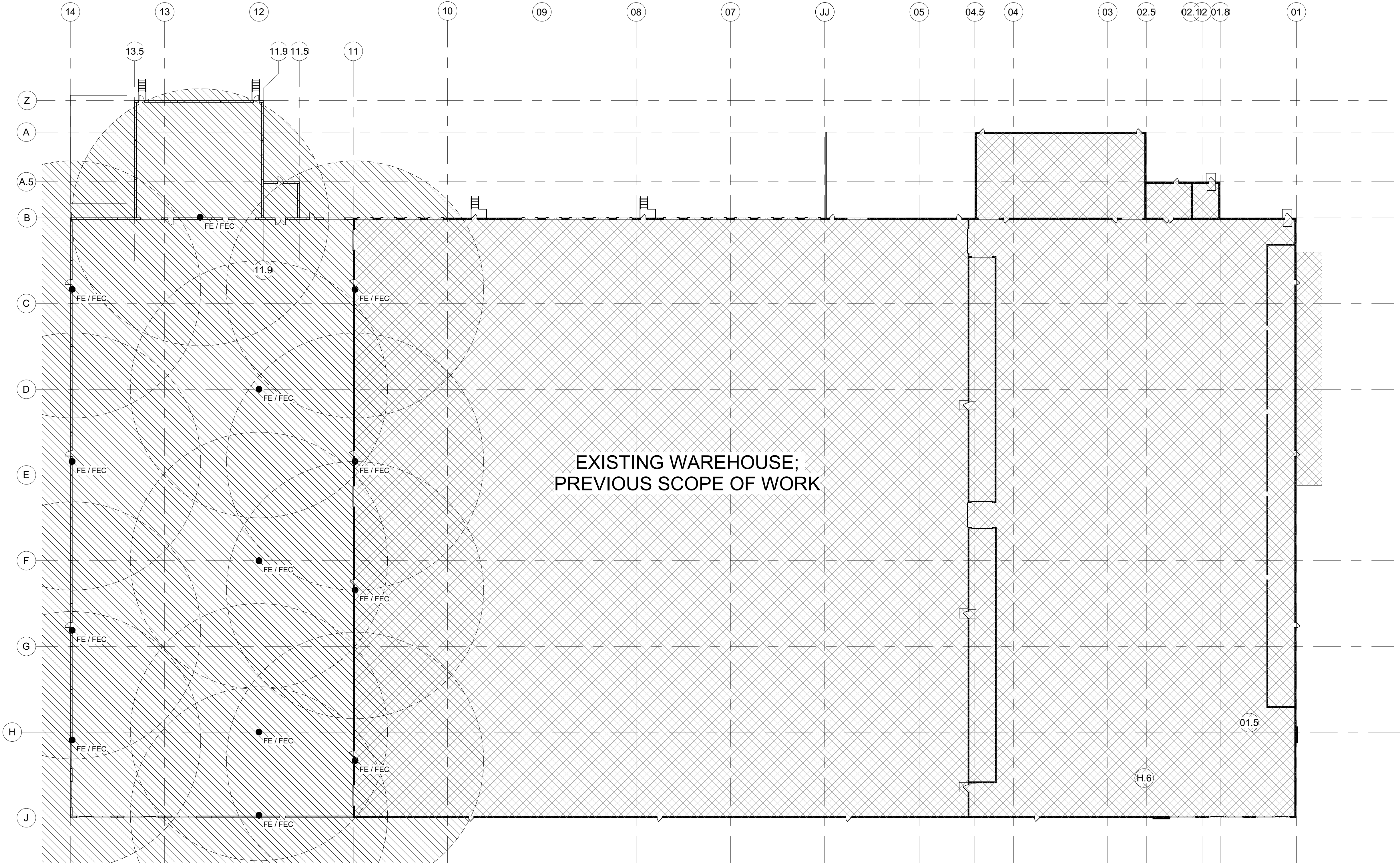
FIRE EXTINGUISHER PLANS

SEAL



SHEET NUMBER

G004

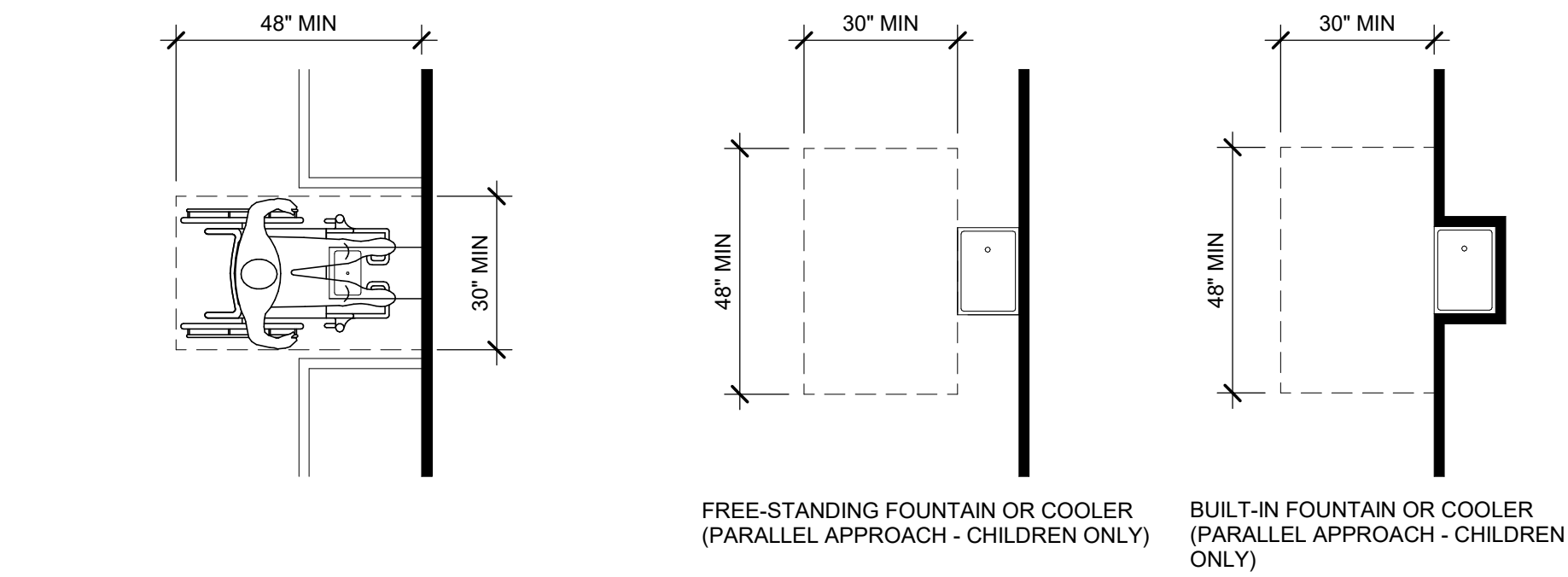


A2 OVERALL FIRE EXTINGUISHER DIAGRAM

SCALE: 1/32" = 1'-0"

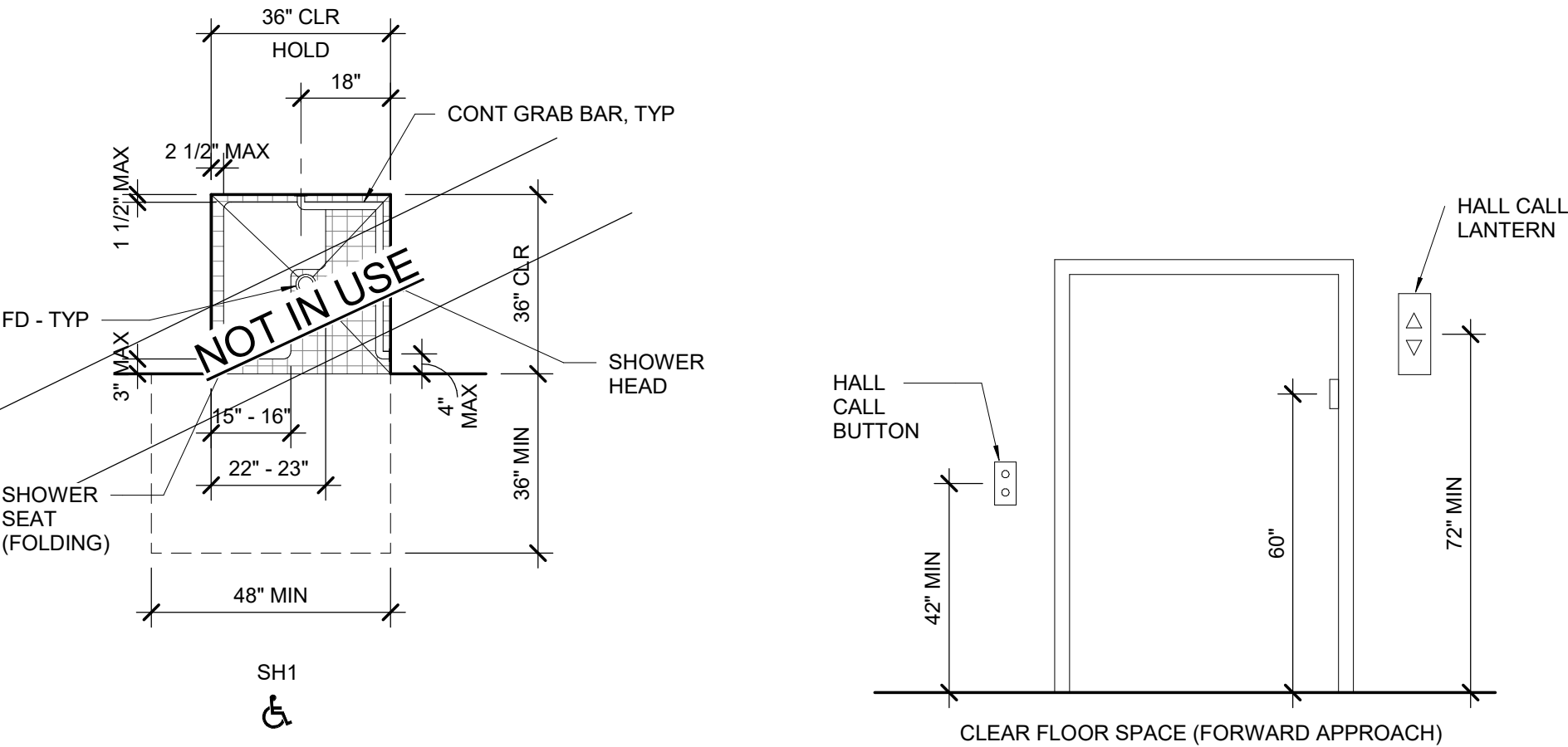
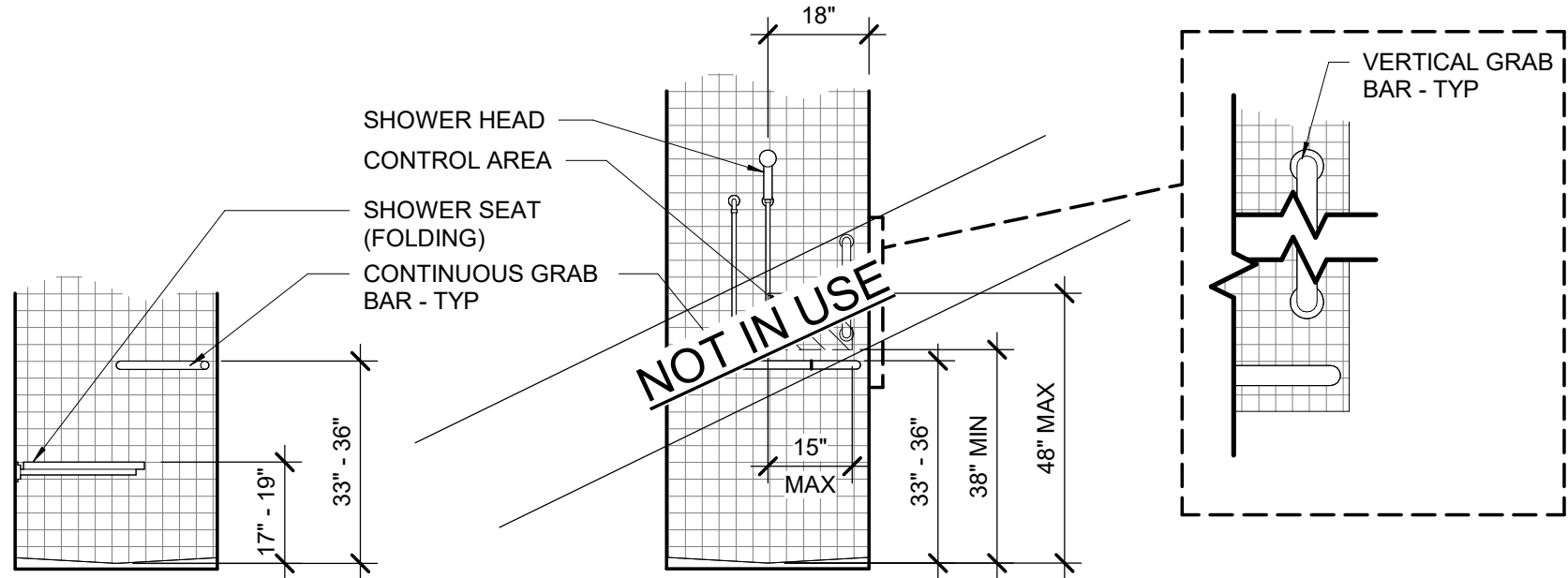
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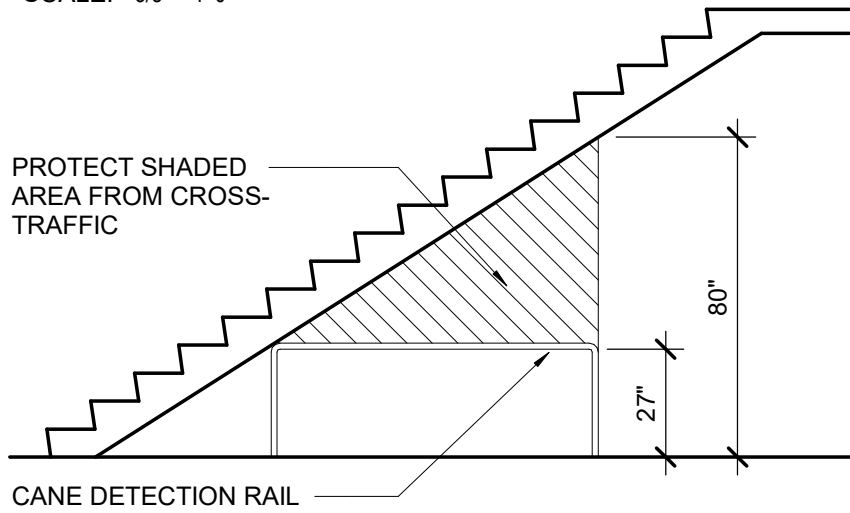
## DRINKING FOUNTAIN (PLAN) - ADA

SCALE: 3/8" = 1'-0"



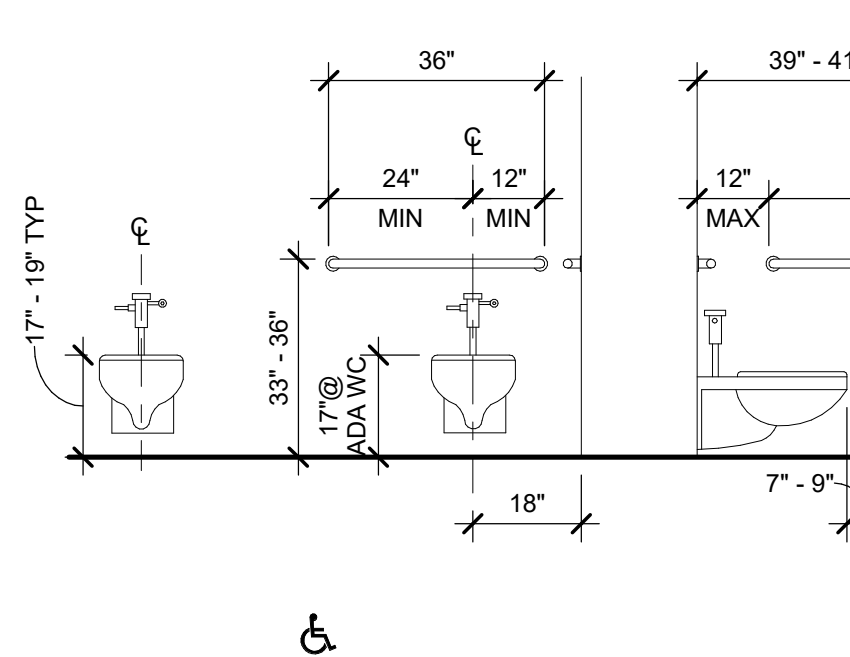
## SHOWER STALL TYPES - ADA

SCALE: 3/8" = 1'-0"



## OVERHEAD HAZARDS - ADA

SCALE: 1/4" = 1'-0"

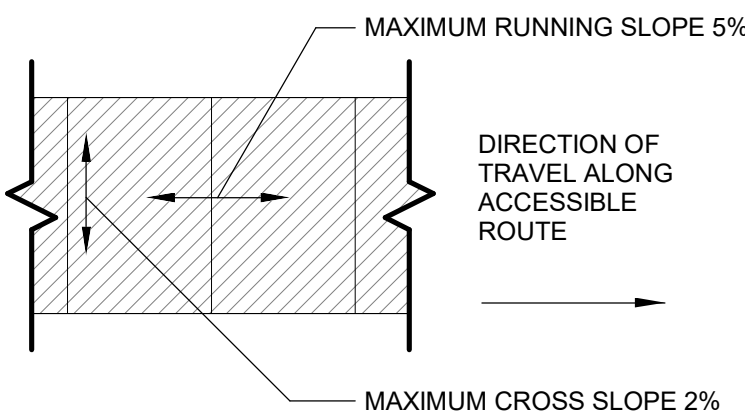


## ACCESSORY MOUNTING HEIGHTS - TYP - ADA

SCALE: 3/8" = 1'-0"

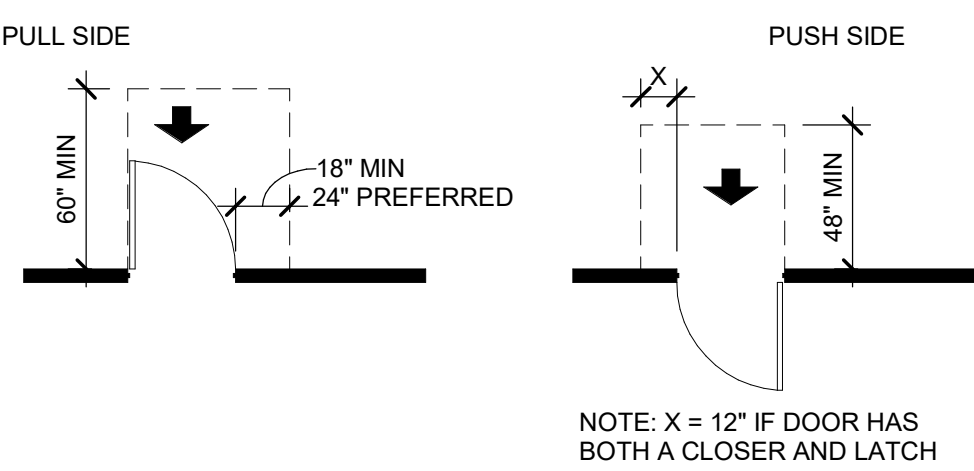
## HOISTWAY AND ENTRANCES - ADA

SCALE: 3/8" = 1'-0"

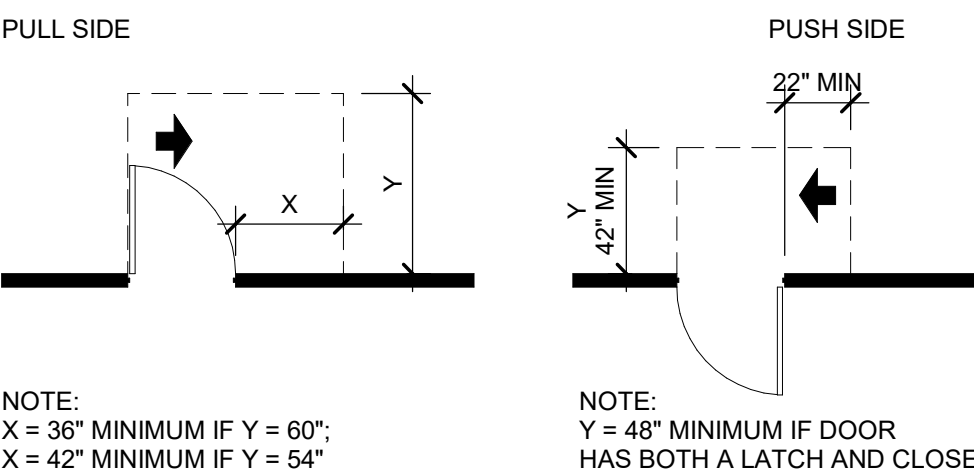


## ACCESSIBLE ROUTES - ADA

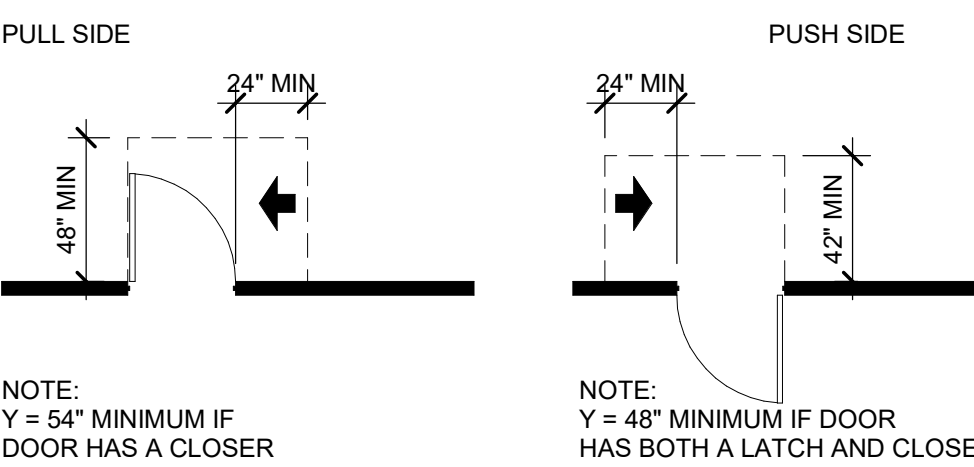
SCALE: 3/8" = 1'-0"



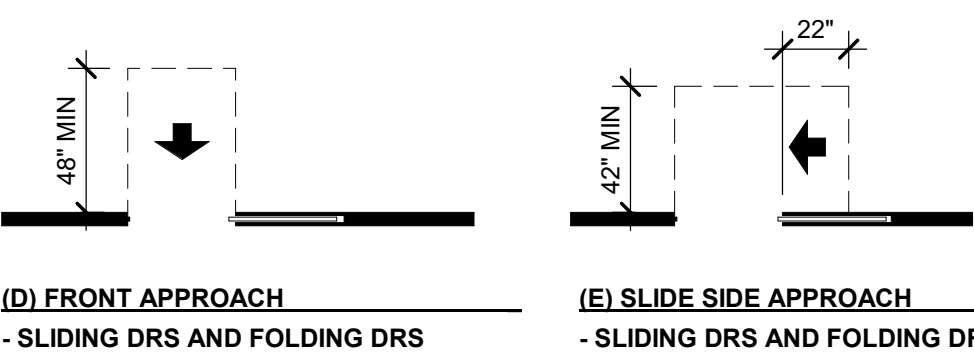
## (A) FRONT APPROACHES - SWINGING DOORS



## (B) HINGE SIDE APPROACHES - SWINGING DOORS



## (C) LATCH SIDE APPROACHES - SWINGING DOORS



## (D) FRONT APPROACH

- SLIDING DRS AND FOLDING DRS

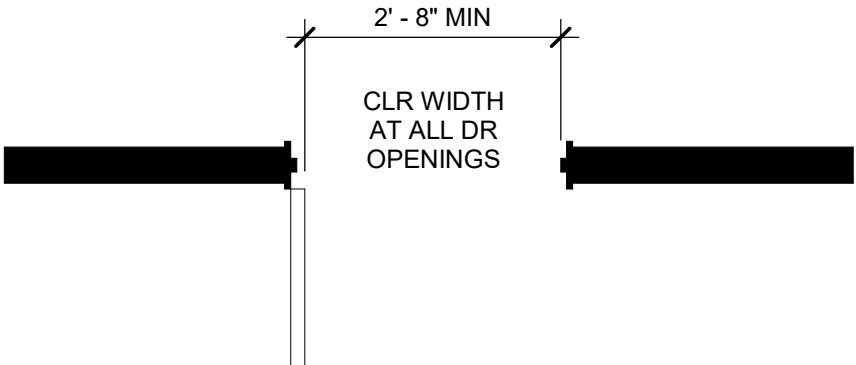


## (F) LATCH SIDE APPROACH

- SLIDING DRS AND FOLDING DRS

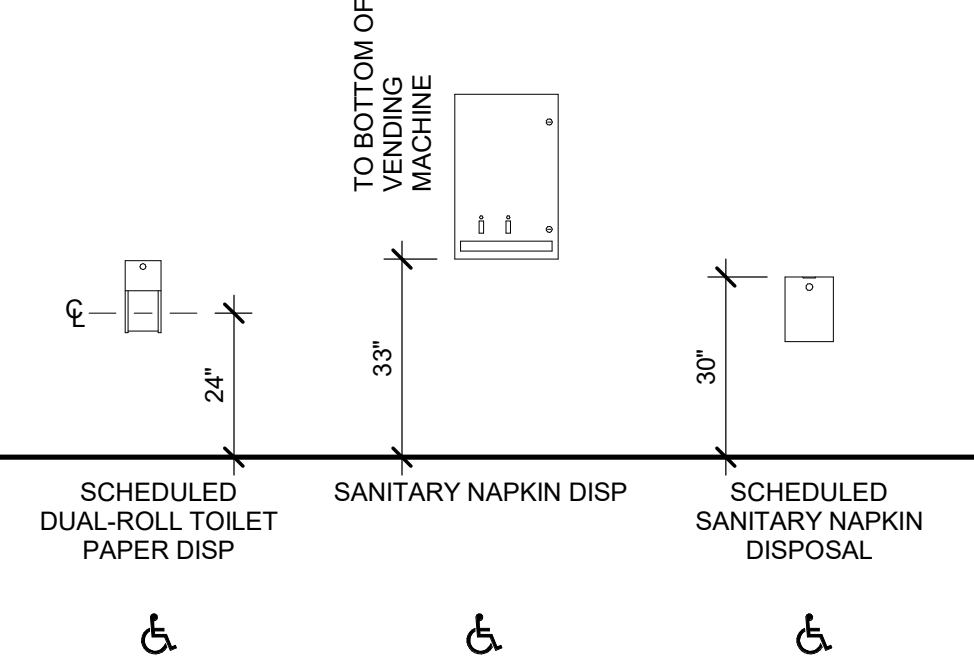
## DOOR CLEARANCES - ADA

SCALE: 3/16" = 1'-0"



## DOOR - CLEAR WIDTH - ADA

SCALE: 1/2" = 1'-0"



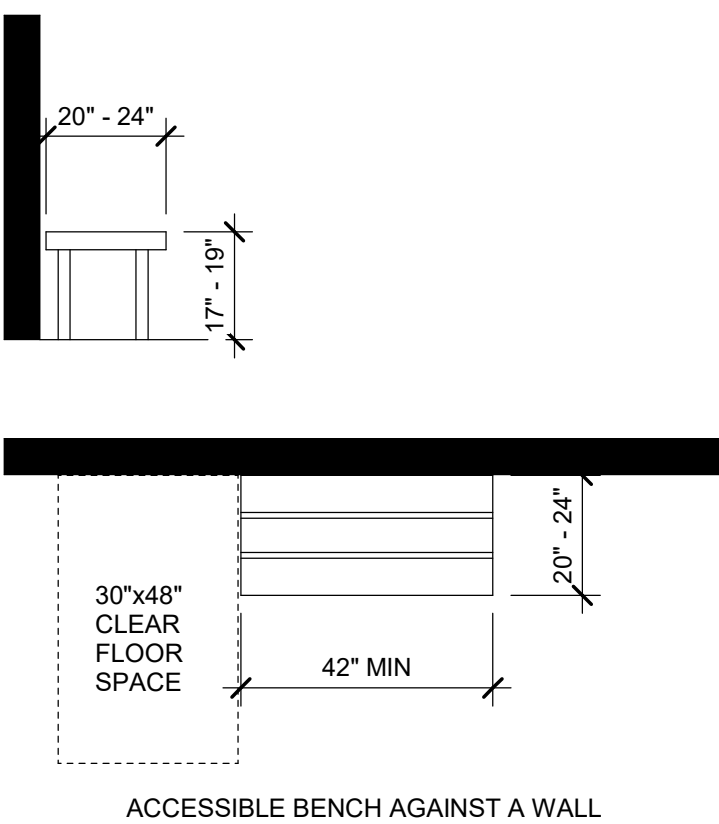
## ACCESSIBILITY

### ACCESSIBLE DOOR SHALL COMPLY WITH THE FOLLOWING:

- THRESHOLD SHALL BE A MAXIMUM 1/2" IN HEIGHT.
- RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE OF NO MORE THAN 1:2.
- MAXIMUM DOOR OPENING FORCE SHALL NOT EXCEED 8.5 POUNDS FOR EXTERIOR HINGED DOOR, 5 POUNDS FOR SLIDING, 5 POUNDS FOR INTERIOR DOOR.
- DOOR HARDWARE SHALL BE LEVER HANDLE OR EQUIVALENT AND MOUNTED NOT MORE THAN 42" ABOVE FINISH FLOOR.
- DOOR CLOSERS, WHERE PROVIDED, SHALL BE ADJUSTED TO CLOSE FROM 90 DEGREES TO 12 DEGREES WITHIN 5 SECONDS.
- ALL DOORS SHALL BE CAPABLE OF OPENING SO THAT THE CLEAR WIDTH OF THE OPENING IS NOT LESS THAN 32".

### LAVATORIES & ASSOCIATED MIRRORS TO BE INSTALLED AS SHOWN:

- HEIGHT: LAVATORIES AND SINKS SHALL BE MOUNTED WITH THE RIM OR THE COUNTER SURFACE NO HIGHER THAN 34" ABOVE FINISH FLOOR. THE TOTAL DEPTH OF CLEAR SPACE BENEATH THE LAVATORY SHALL NOT BE LESS THAN 17", OF WHICH TOE CLEARANCE SHALL NOT BE MORE THAN 6" OF THE TOTAL DEPTH. KNEE CLEARANCE SHALL NOT BE LESS THAN 29" IN HEIGHT AND 30" IN WIDTH.
- EXPOSED PIPES AND SURFACES: ALL PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACE UNDER LAVATORIES OR SINKS.
- FAUCETS: LEVER-OPERATED FAUCET CONTROL HANDLES SHALL BE LOCATED NOT MORE THAN 17" FROM THE FRONT EDGE OF THE LAVATORY, SINK OR COUNTER. SELF-CLOSING VALVES SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS PER OPERATION.
- MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES (1015 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35 INCHES (890 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. THE TOP EDGE OF MIRRORS SHOULD BE 74 INCHES (1880 MM) MINIMUM FROM THE FLOOR OR GROUND.



## BENCHES - ADA

SCALE: 3/8" = 1'-0"

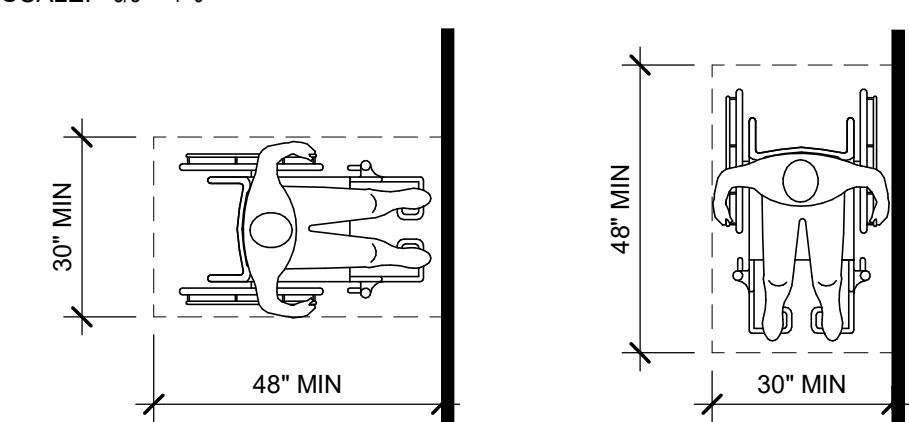
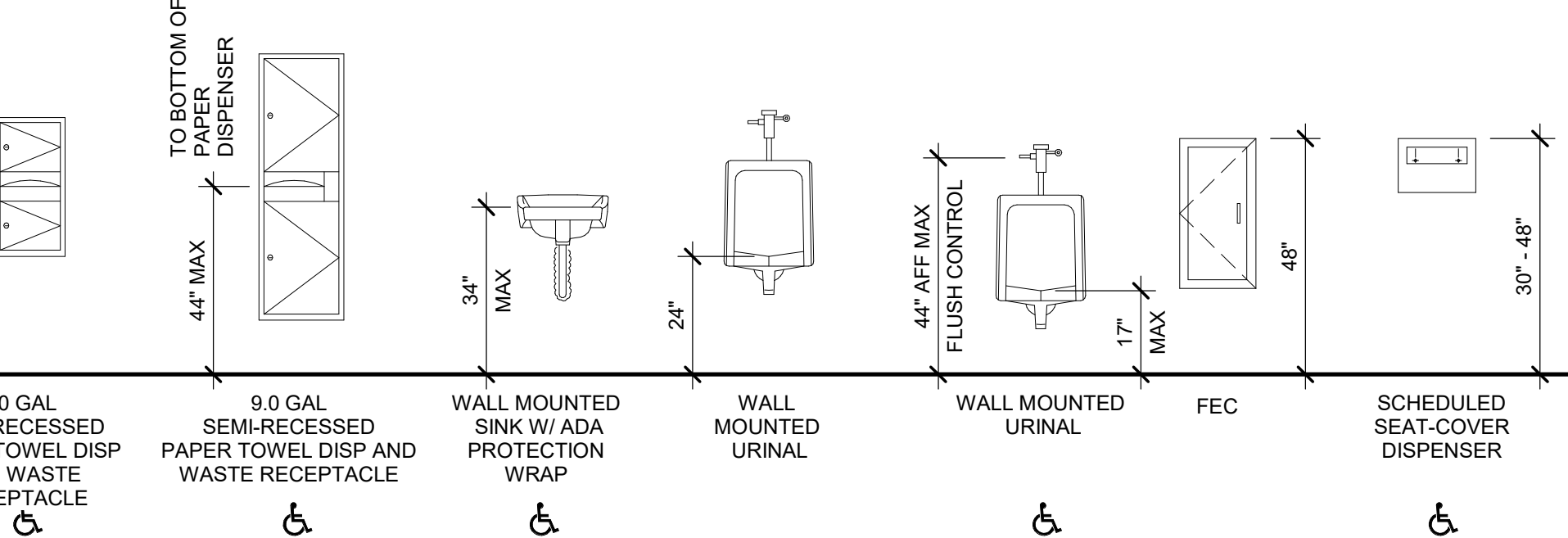


FIGURE 305.5 POSITION OF CLEAR FLOOR OR GROUND SPACE

## CLEAR FOOR SPACE - ADA

SCALE: 3/8" = 1'-0"



### WATER CLOSETS

- HEIGHT: THE HEIGHT OF THE WATER CLOSET SHALL BE 17" TO 19" MEASURED TO THE TOP OF THE SEAT.
- GRAB BARS: GRAB BARS SHALL HAVE A CIRCULAR CROSS SECTION WITH 1 1/4" MIN. AND 2" MAX OUTSIDE DIAMETER AND SHALL PROVIDE A CLEARANCE OF 1 1/2" BETWEEN THE WALL AND THE BAR. PROVIDE MINIMUM 250 POUND ALLOWANCE FORCE. EDGES SHALL HAVE A MIN. RADIUS OF 1/8". BARS SHALL BE 36" IN LENGTH IN THE REAR AND 42" IN LENGTH ALONG THE SIDE OF THE WATER CLOSET. GRAB BAR HEIGHT TO BE 33" MIN AND 36" MAX ABOVE FINISH FLOOR MEASURED TO THE TOP OF GRIPPING SURFACE. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2" MIN. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12" MIN.
- FLUSH CONTROLS: FLUSH CONTROLS SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS AND NOT MORE THAN 36" IN HEIGHT.
- TOE CLEARANCE: IN STANDARD STALLS, THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF A MINIMUM OF 9".
- TOILET PAPER DISPENSER: TP DISPENSER SHALL BE MOUNTED BETWEEN 7" - 9" FROM THE FRONT EDGE OF THE WATER CLOSET AT 19" AFF TO CENTER OF DISPENSER.
- URINALS SHALL BE STALL-TYPE, OR WALL-HUNG WITH A TAPERED ELONGATED RIM MOUNTED AT A MAXIMUM OF 17" ABOVE THE FINISH FLOOR. A TAPERED ELONGATED RIM IS ONE THAT NARROWS TOWARD THE FRONT TO ALLOW A WHEELCHAIR USER TO STRADDLE THE BASIN AND WHICH EXTENDS AT LEAST 13-1/2" FROM THE VERTICAL SURFACE ON WHICH THE FIXTURE IS MOUNTED.
- ACCESSIBLE STALL DOORS TO BE SELF CLOSING WITH ADA COMPLIANT PULLS ON BOTH SIDES.

### SIGNAGE SHALL COMPLY WITH THE FOLLOWING:

- CHARACTER PROPORTION: CHARACTERS SHOULD BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPER CASE LETTER 'O' IS 55% MIN AND 110% MAX OF THE HEIGHT OF UPPER CASE LETTER 'I'.
- CHARACTER HEIGHT: MINIMUM CHARACTER HEIGHT SHALL BE 5/8" MIN TO 2" MAX.
- RAISED AND BRAILLED CHARACTER AND PICTORIAL SYMBOLS: LETTERS AND NUMERALS SHALL BE RAISED 1/32". UPPER CASE SANS SERIF TYPE SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE. RAISED CHARACTERS SHALL BE AT LEAST 5/8" HIGH, BUT NO HIGHER THAN 2". PICTOGRAM SHALL BE AT LEAST 6" IN HIGH.
- FINISH AND CONTRAST: THE CHARACTERS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND: EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
- MOUNTING LOCATION AND HEIGHT: WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOM AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR, OR NEAREST ADJACENT WALL. THE VERTICAL POSITION OF THE SIGN IS DETERMINED BY LOCATION OF THE TEXT WITHIN THE SIGN. THE MINIMUM HEIGHT IS 48" AFF TO THE BOTTOM OF THE LOWEST LINE OF TEXT. THE MAXIMUM HEIGHT IS DETERMINED BY THE BOTTOM OF THE HIGHEST LINE OF TEXT NOT EXCEEDING 60" AFF. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING IN THE SWING OF THE DOOR. PROVIDE AN 18" X 18" CLEAR FLOOR SPACE CENTERED ON THE SIGN AND BEYOND ANY ARC OF ANY DOOR SWING.

### CONTROLS & OPERATING MECHANISMS SHALL COMPLY WITH THE FOLLOWING:

- CLEAR FLOOR SPACE: CLEAR FLOOR SPACE COMPLYING WITH 4.2.4 OF THE FEDERAL REGISTER (TAS THAT ALLOWS A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT.
- HEIGHT: THE HEIGHTS OPERABLE PART OF CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER EQUIPMENT SHALL BE PLACED AT LEAST ON TO THE REACH RANGES SPECIFIED IN 4.2.5 AND 4.2.6. ELECTRICAL AND COMMUNICATIONS SYSTEMS RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15" AFF.
- OPERATION: CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS.

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Suite 1560  
Oakbrook Terrace, IL 60181  
312.967.4530

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### PROJECT TITLE

## AXIUM BTS EXPANSION - ST. PETERS

4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

PROJECT FOR  
PEAK CONSTRUCTION

### GENERAL NOTES

| DATE       | REVISION |
|------------|----------|
| 2026-04-17 | PERMIT   |

PROJECT NO: 267020

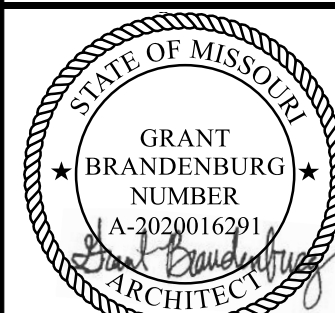
DRAWN BY: PJ

CHECKED BY: BW

SHEET NAME

## ACCESSIBILITY CODE SHEET

SEAL



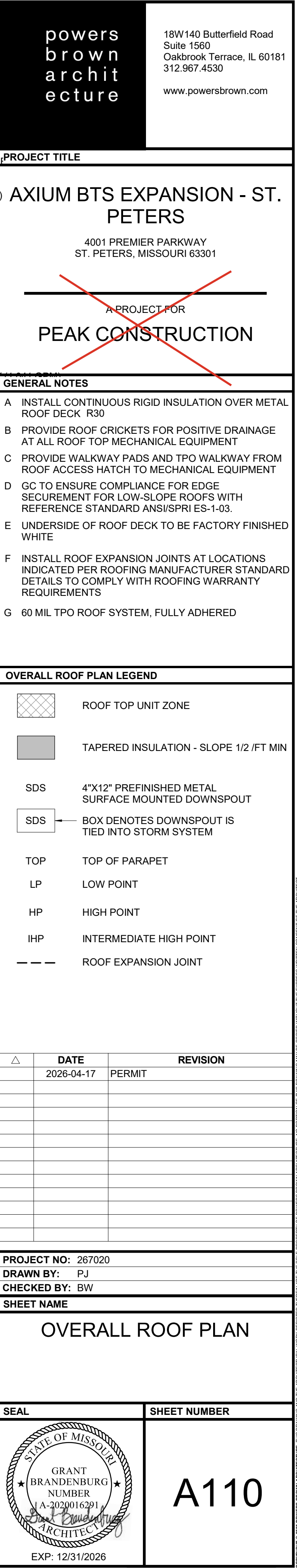
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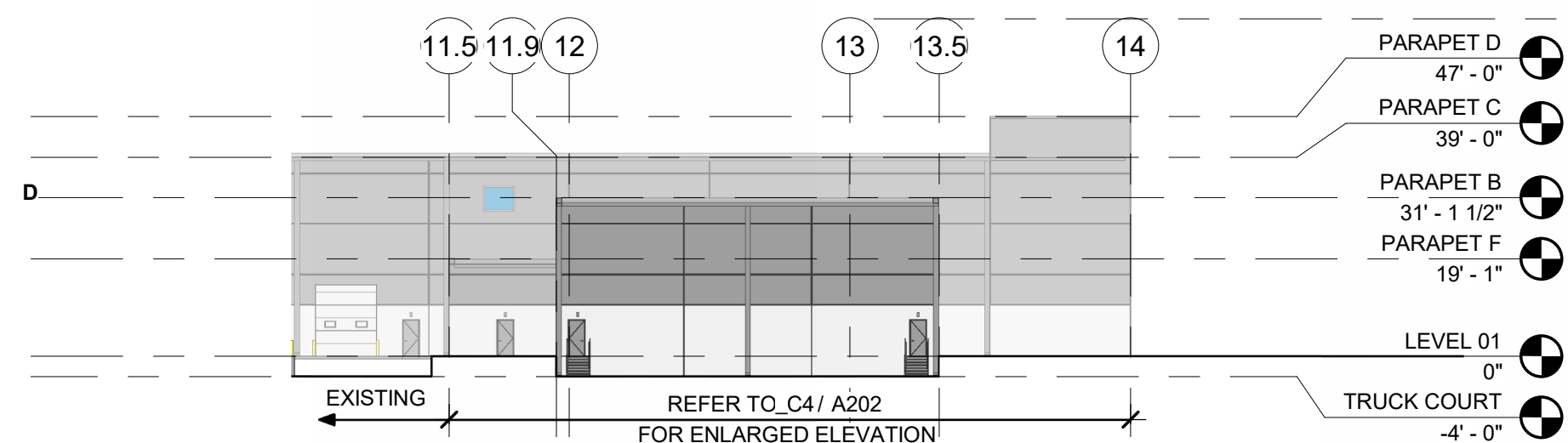
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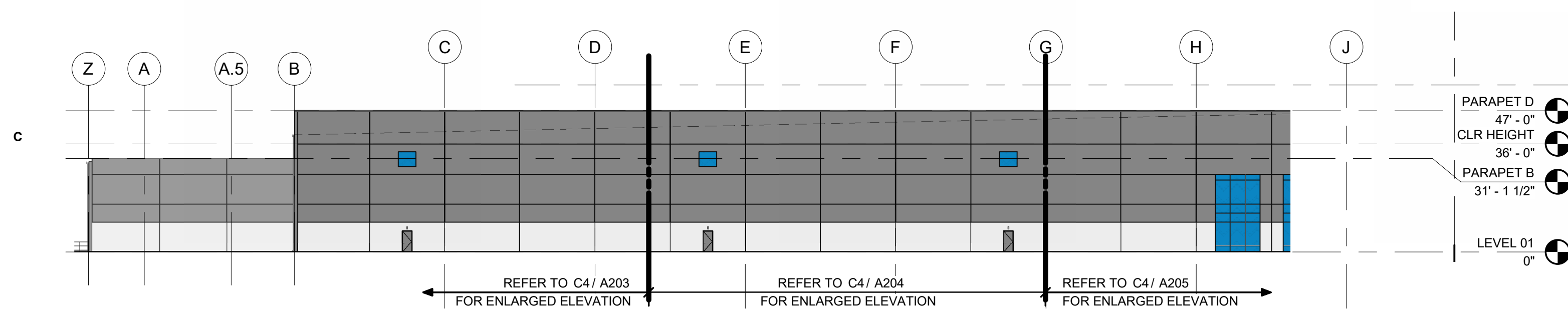




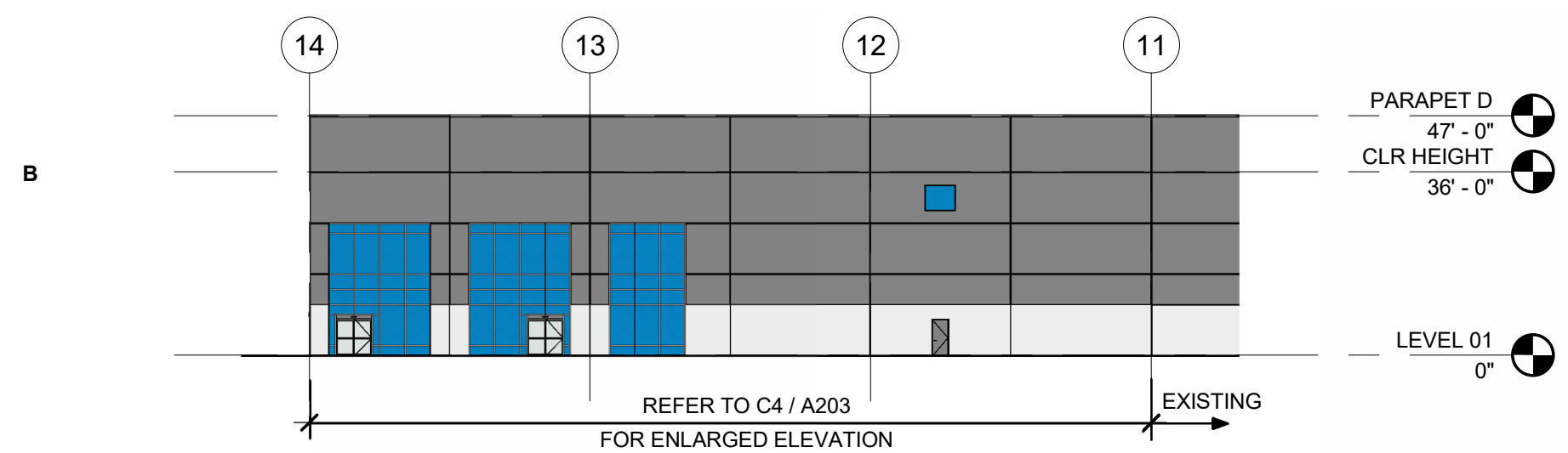




**B4** **OVERALL ELEVATION - NORTH**  
SCALE: 1/32" = 1'-0"

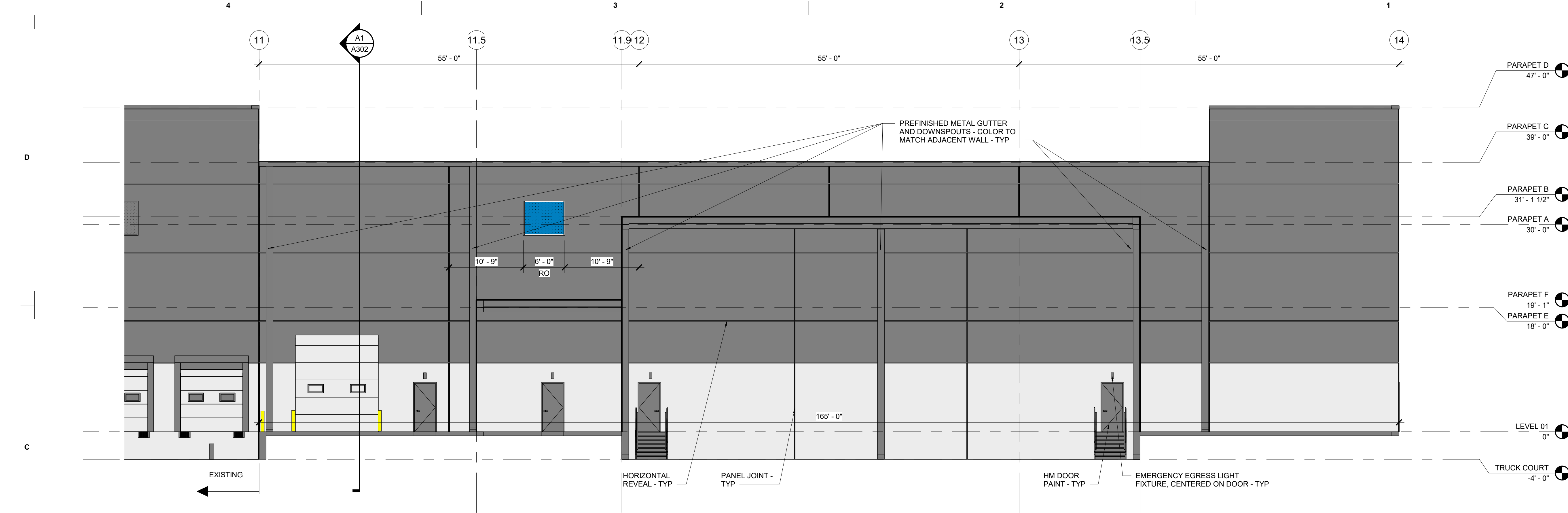


**C4** **OVERALL ELEVATION - WEST**  
SCALE: 1/32" = 1'-0"

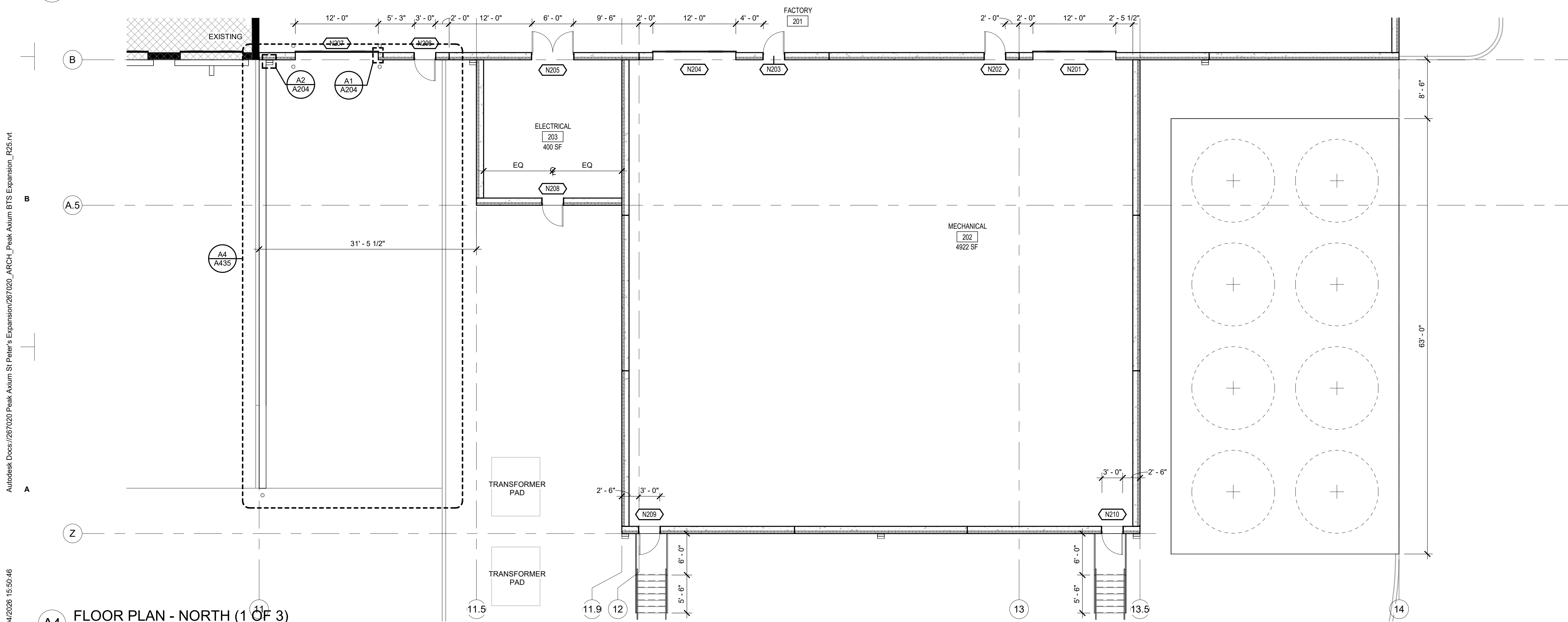


**D4 OVERALL ELEVATION - SOUTH**  
SCALE: 1/32" = 1'-0"

[illegible]



C4 NORTH ELEVATION  
SCALE: 1/8" = 1'-0"



A4 FLOOR PLAN - NORTH (1 OF 3)  
SCALE: 1/8" = 1'-0"

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312.967.4530  
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**PROJECT TITLE**

**AXIUM BTS EXPANSION - ST. PETERS**

4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

A PROJECT FOR

**PEAK CONSTRUCTION**

**GENERAL NOTES**

A EXTEND ALL VERTICAL REVEALS, EXTERIOR PAINT AND TEXTURE ON TILT WALL PANEL TO FINISHED GRADE

B EXTEND ALL HORIZONTAL REVEALS, EXTERIOR PAINT AND TEXTURE AROUND SIDES OF EXPOSED PRECAST PANELS

**LEGEND - OVERALL ELEVATIONS**

FIELD PAINT - BENJAMIN MOORE: KENDALL CHARCOAL / HC-166

ACCENT PAINT 1 - BENJAMIN MOORE: STONINGTON GRAY / HC-170

GLAZING - VISION, COLOR: GREY TINT WITH LOW-E ON #3 PANE OF IGU

GLAZING - SPANDREL, COLOR: GREY TINT WITH LOW-E ON #3 PANE OF IGU, FRIT ON #4 PANE, COLOR TO BE SELECTED BY ARCHITECT

LANDSCAPE

MOWSTRIP

SIDEWALK PAVING

LED WALL PACK LIGHT FIXTURE

RO = ROUGH OPENING

KO = KNOCK OUT PANEL

**BUILDING AREA PLAN**

A202  
A203  
A204  
A215  
A206  
N.I.C.

| DATE       | REVISION |
|------------|----------|
| 2026-04-17 | PERMIT   |

**PROJECT NO:** 267020  
**DRAWN BY:** PJ  
**CHECKED BY:** BW

**SHEET NAME**

**BUILDING ELEVATIONS - NORTH**

**SEAL**

STATE OF MISSOURI  
GRANT BRANDENBURG  
NUMBER  
A-2020016291  
ARCHITECT

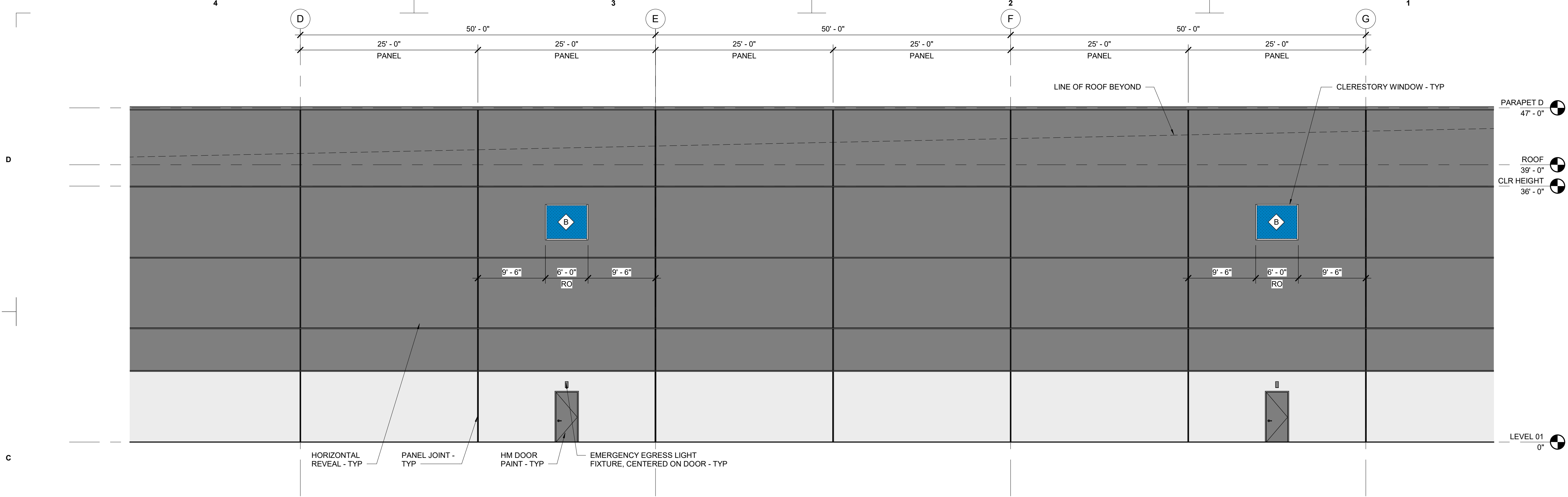
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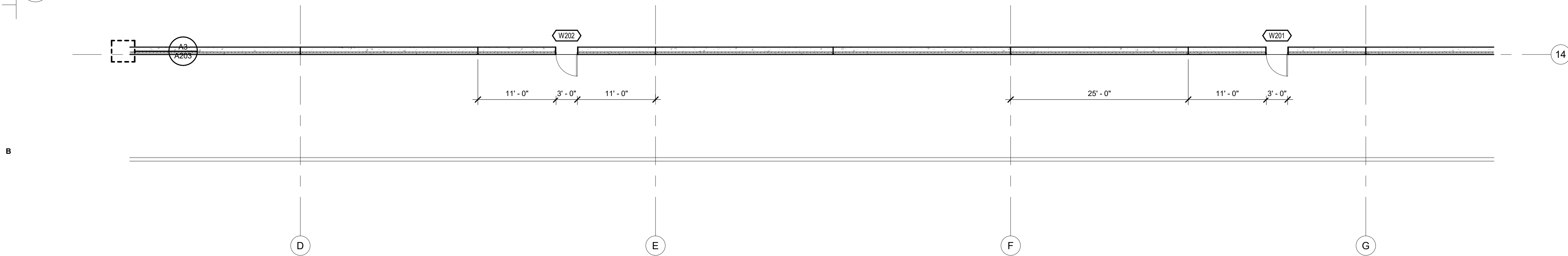


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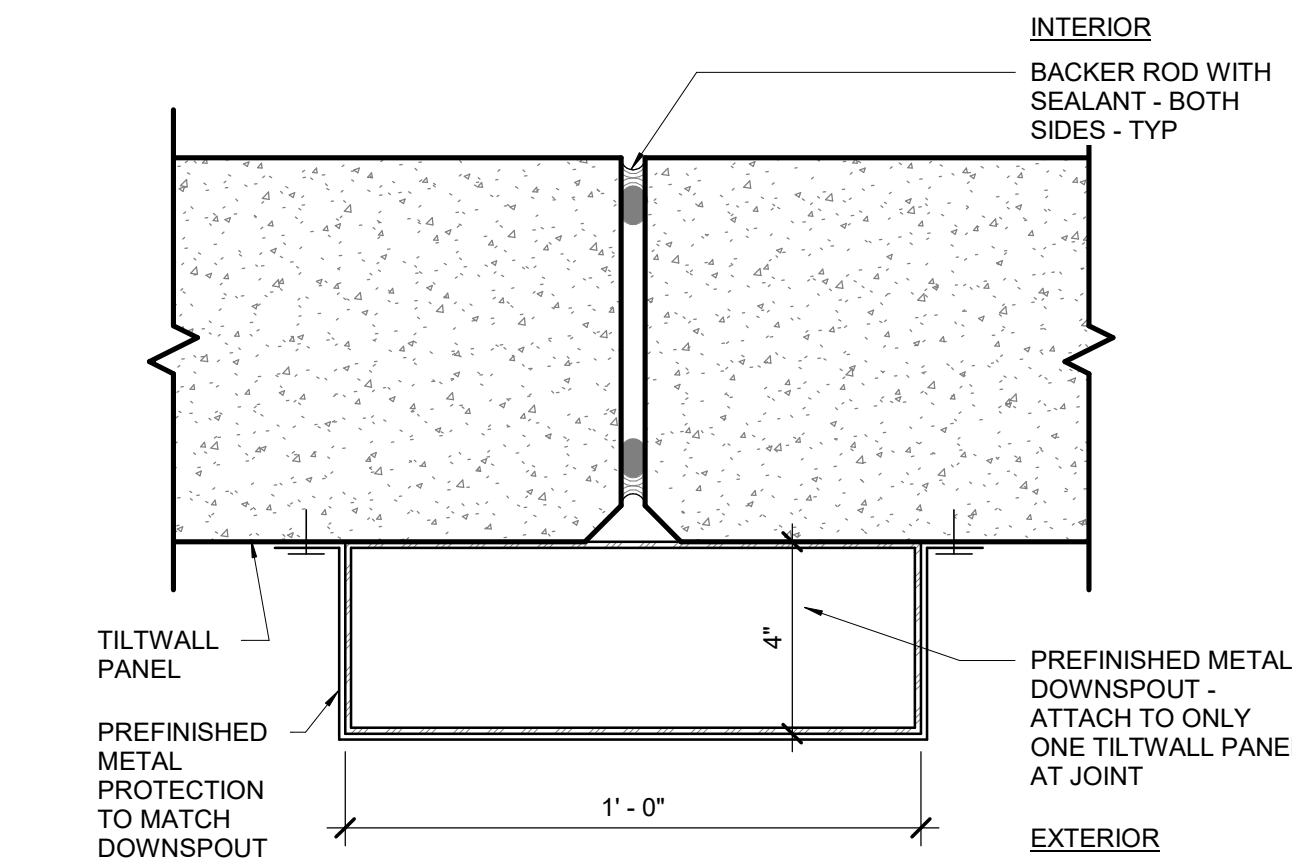
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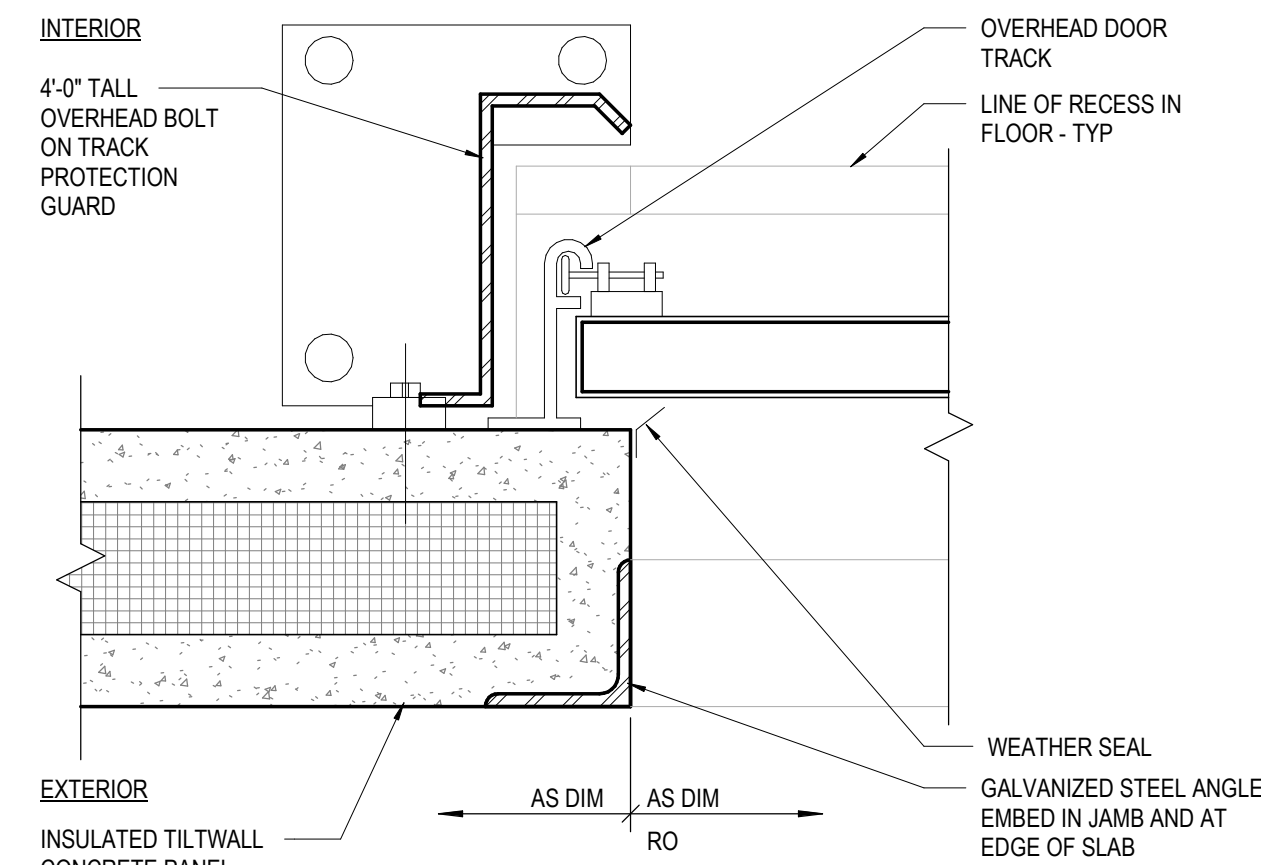
C4 WEST ELEVATION (2 OF 3)  
SCALE: 1/8" = 1'-0"



B4 FLOOR PLAN - WEST (2 OF 3)  
SCALE: 1/8" = 1'-0"



A2 DOWNSPOUT AT TILTWALL - SURFACE MTD  
SCALE: 3" = 1'-0"



A1 OVERHEAD DOOR JAMB - TYP 2  
SCALE: 3" = 1'-0"

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**PROJECT TITLE**

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4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

**PROJECT FOR**

**PEAK CONSTRUCTION**

**GENERAL NOTES**

A EXTEND ALL VERTICAL REVEALS, EXTERIOR PAINT AND TEXTURE ON TILTWALL PANEL TO FINISHED GRADE

B EXTEND ALL HORIZONTAL REVEALS, EXTERIOR PAINT AND TEXTURE AROUND SIDES OF EXPOSED PRECAST PANELS

**LEGEND - OVERALL ELEVATIONS**

FIELD PAINT - BENJAMIN MOORE: KENDALL CHARCOAL / HC-166

ACCENT PAINT 1 - BENJAMIN MOORE: STONINGTON GRAY / HC-170

GLAZING - VISION, COLOR: GREY TINT WITH LOW-E ON #3 PANE OF IGU

GLAZING - SPANDREL, COLOR: GREY TINT WITH LOW-E ON #3 PANE OF IGU, FRIT ON #4 PANE. COLOR TO BE SELECTED BY ARCHITECT

LANDSCAPE

MOWSTRIP

SIDEWALK PAVING

LED WALL PACK LIGHT FIXTURE

RO = ROUGH OPENING

KO = KNOCK OUT PANEL

**BUILDING AREA PLAN**

A202  
A203  
A204  
A215  
A206  
N.I.C.

| DATE       | REVISION |
|------------|----------|
| 2026-04-17 | PERMIT   |

**PROJECT NO:** 267020  
**DRAWN BY:** PJ  
**CHECKED BY:** BW

**SHEET NAME**

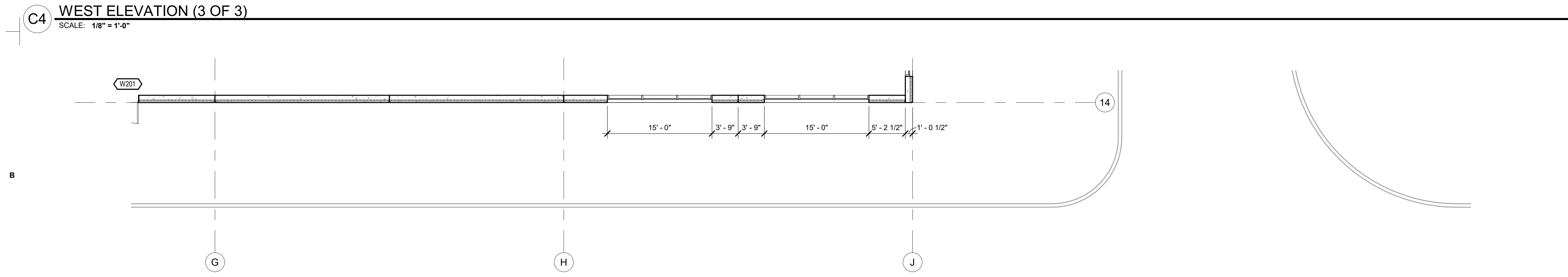
**BUILDING ELEVATIONS - WEST**

**SEAL**

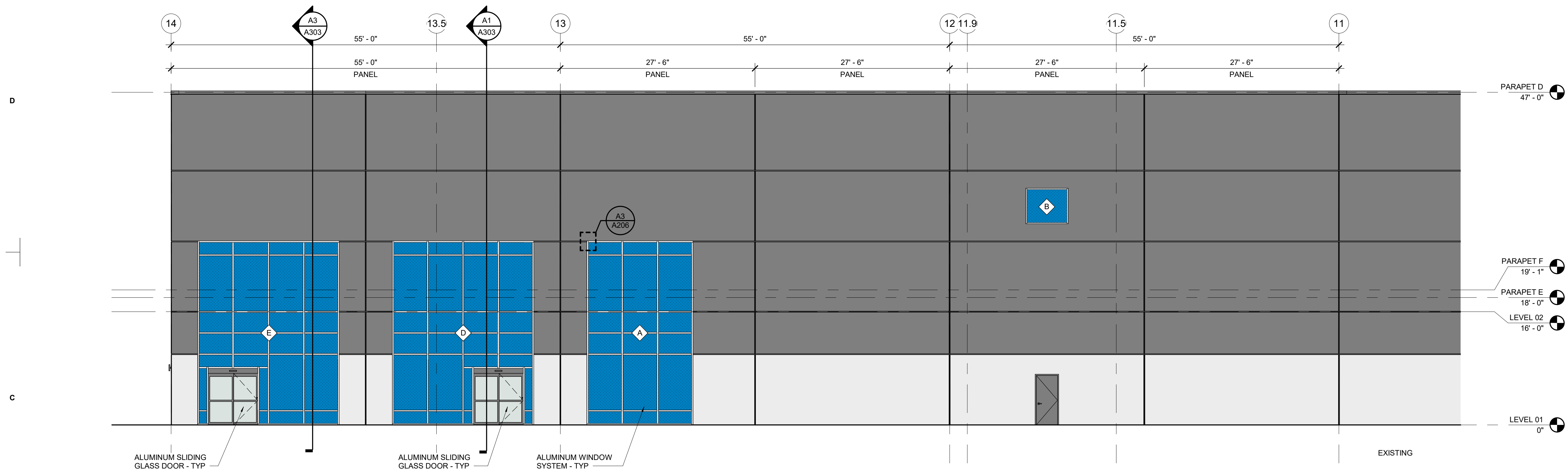
STATE OF MISSOURI  
GRANT BRANDENBURG  
NUMBER  
A-2020016291  
ARCHITECT  
EXP: 12/31/2026

**SHEET NUMBER**

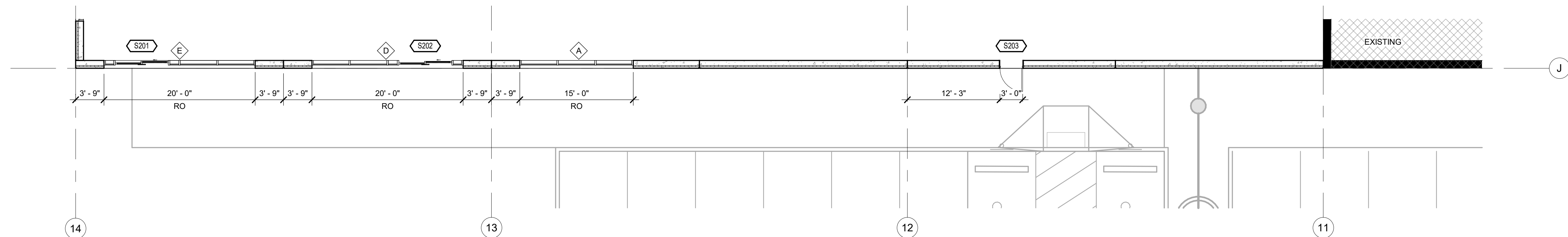
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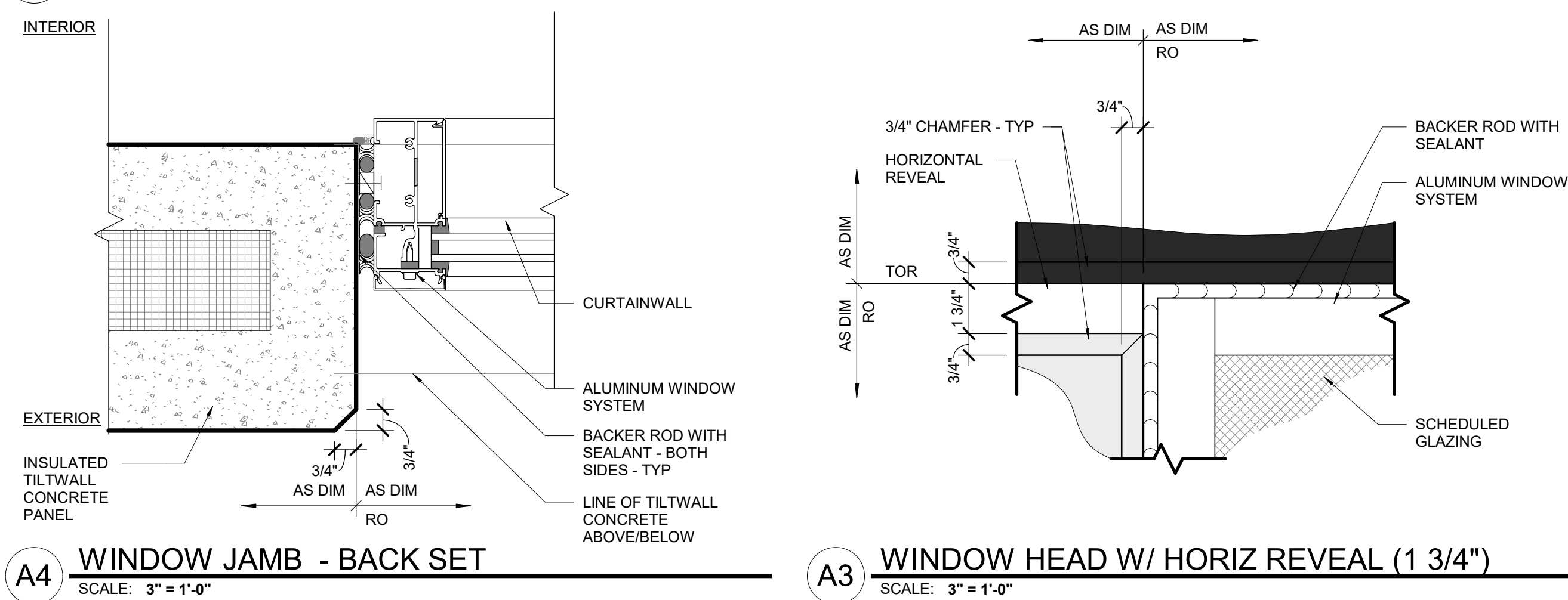
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1 SOUTH ELEVATION



**(B4) FLOOR PLAN - SOUTH (1 OF 3)**

[illegible]



4

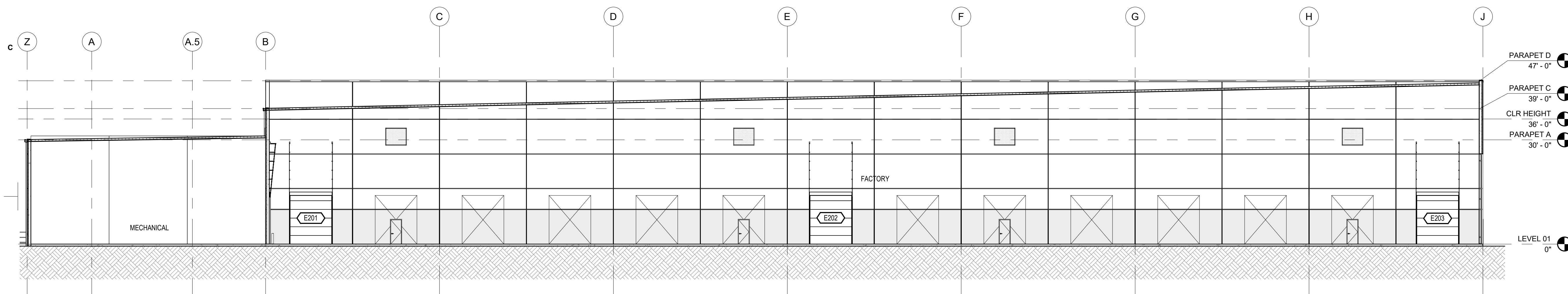
A207

## AXIUM BTS EXPANSION - ST. PETERS

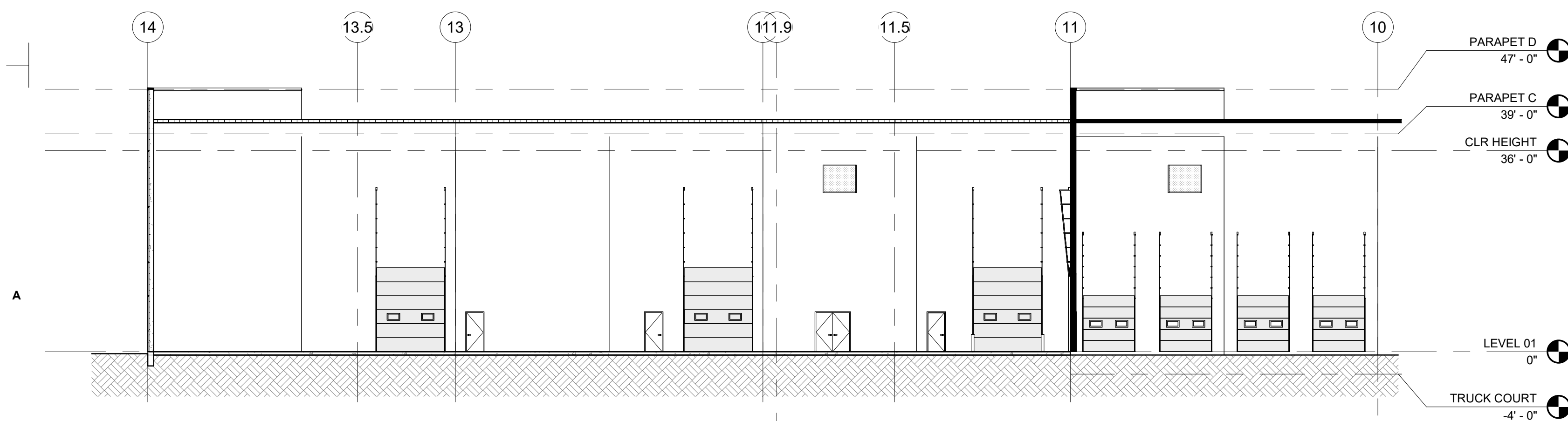
4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

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PEAK CONSTRUCTION~~

## GENERAL NOTES



**B3** **OVERALL BUILDING SECTION - B**  
SCALE: 1/16" = 1'-0"



**A4 OVERALL BUILDING SECTION - A**  
SCALE: 1/16" = 1'-0"

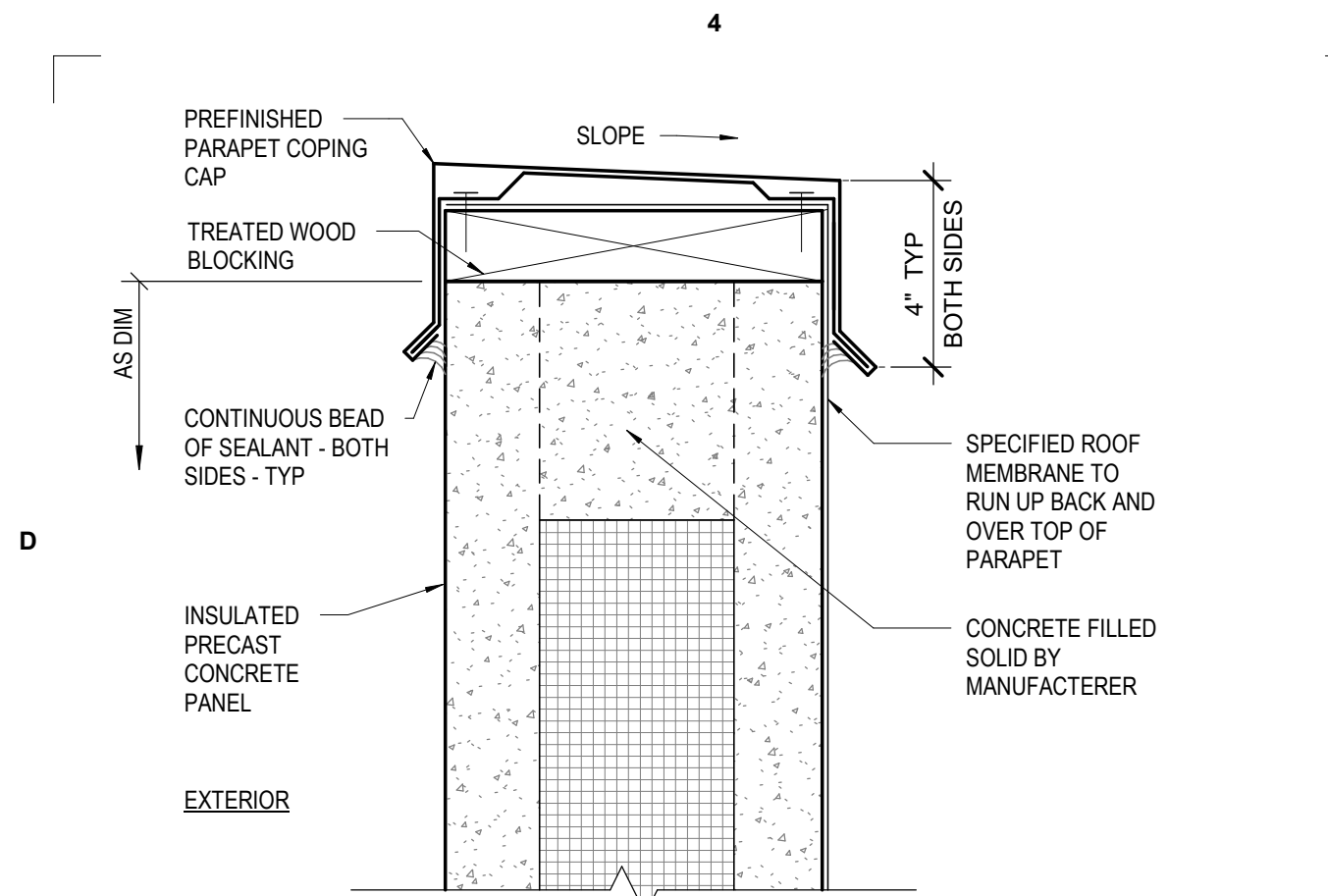
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| PROJECT NO: | 267020 |
| DRAWN BY:   | PJ     |
| CHECKED BY: | BW     |
| SHEET NAME  |        |

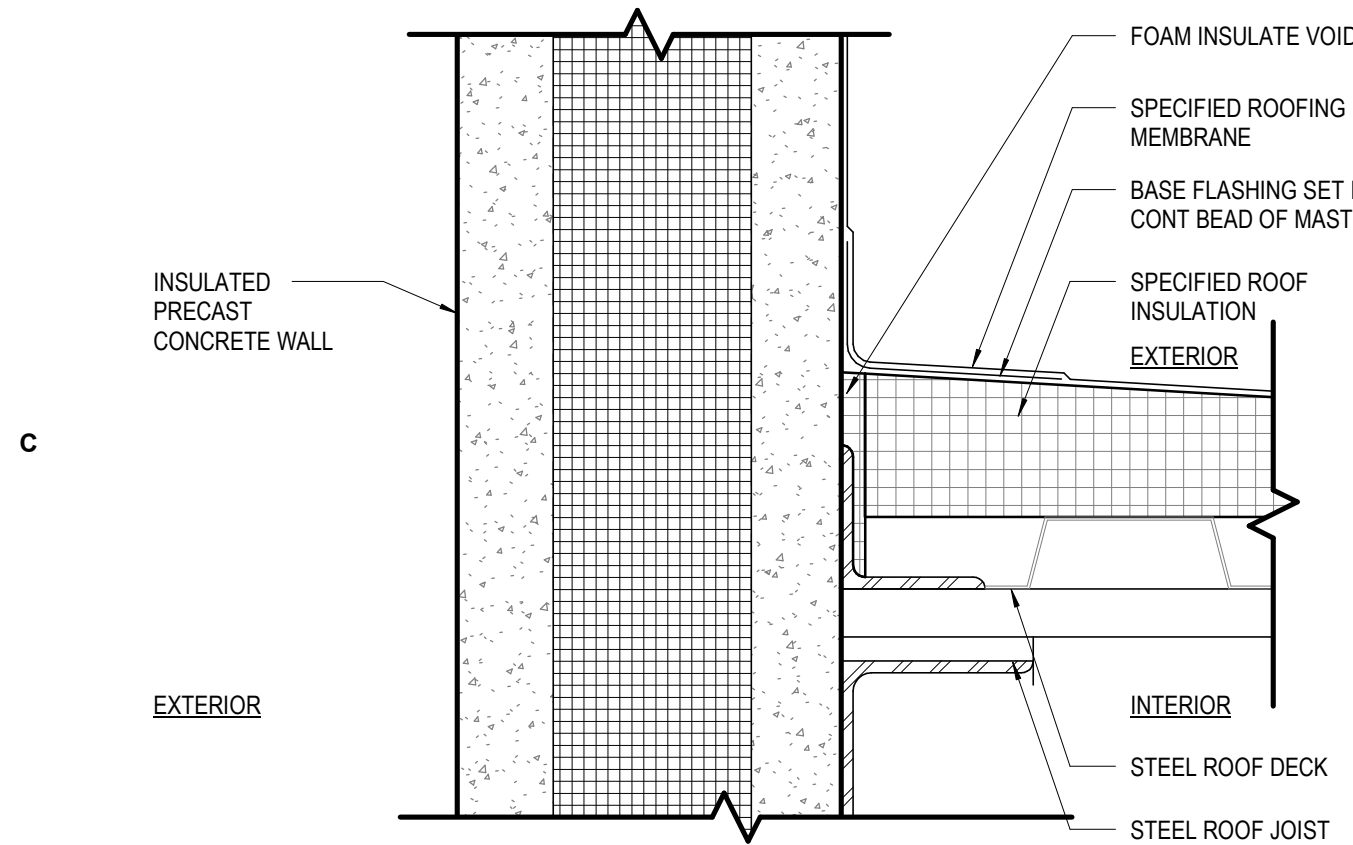
## OVERALL BUILDING SECTIONS

|                                                                                       |              |
|---------------------------------------------------------------------------------------|--------------|
| SEAL                                                                                  | SHEET NUMBER |
|  | A301         |
| EXP. 12/31/2026                                                                       |              |

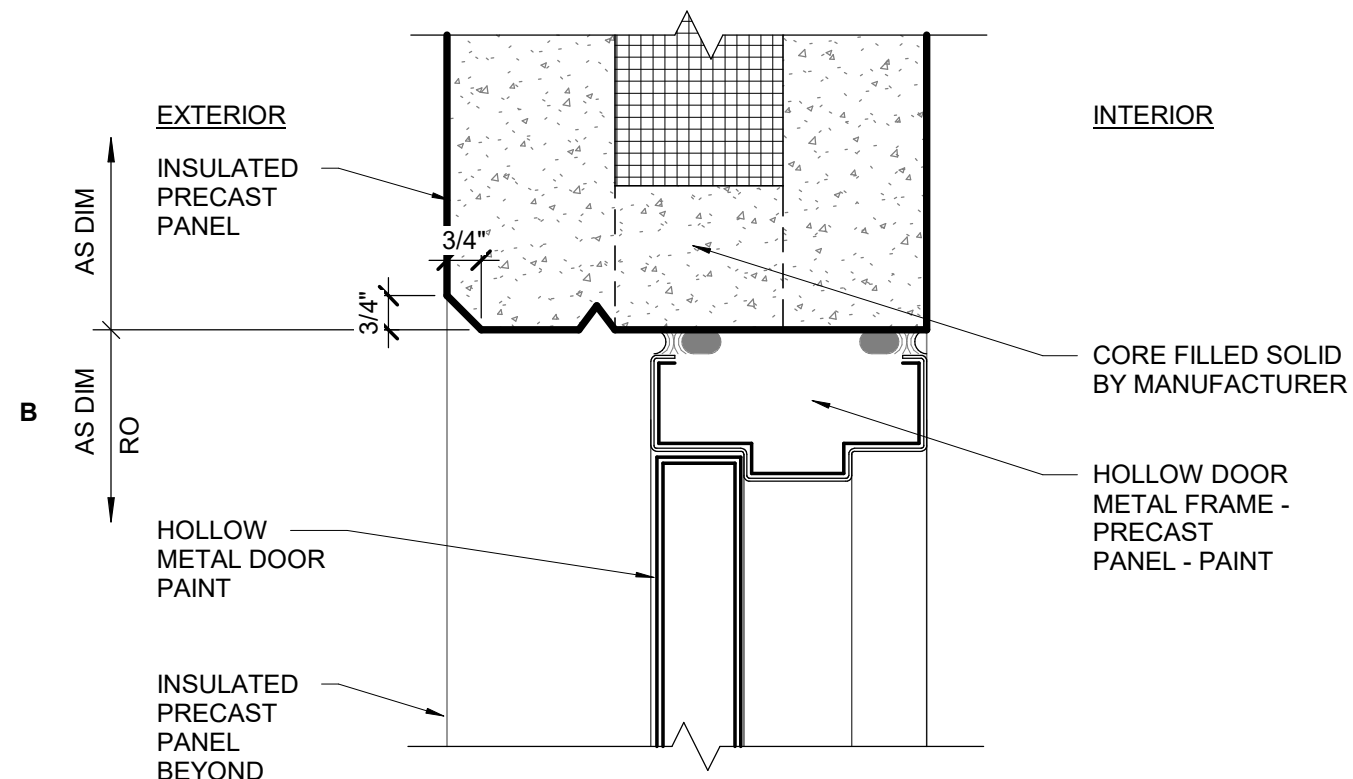
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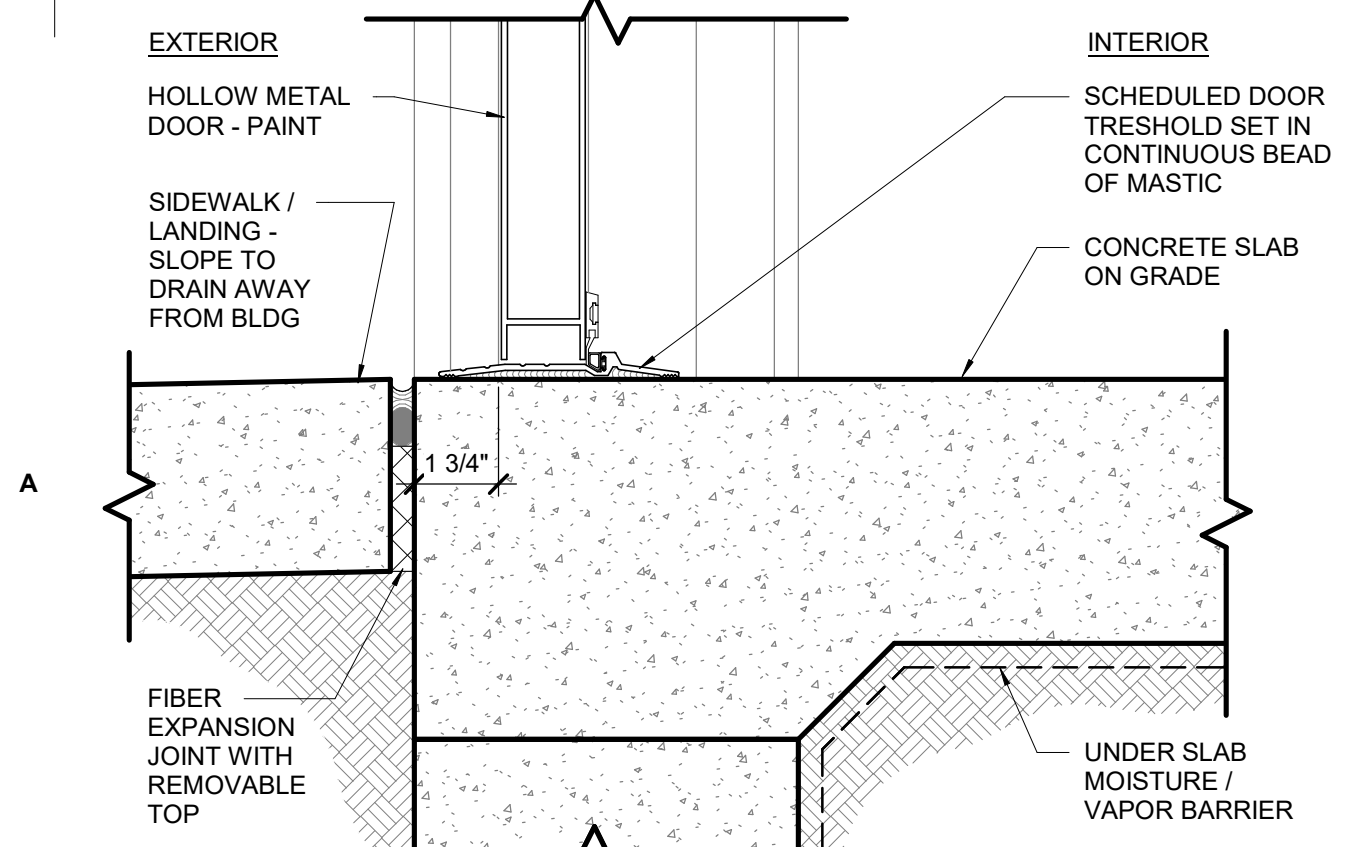
**D4 T.W. PARAPET W/ COPING & ROOF MEMBRANE**  
SCALE: 3" = 1'-0"



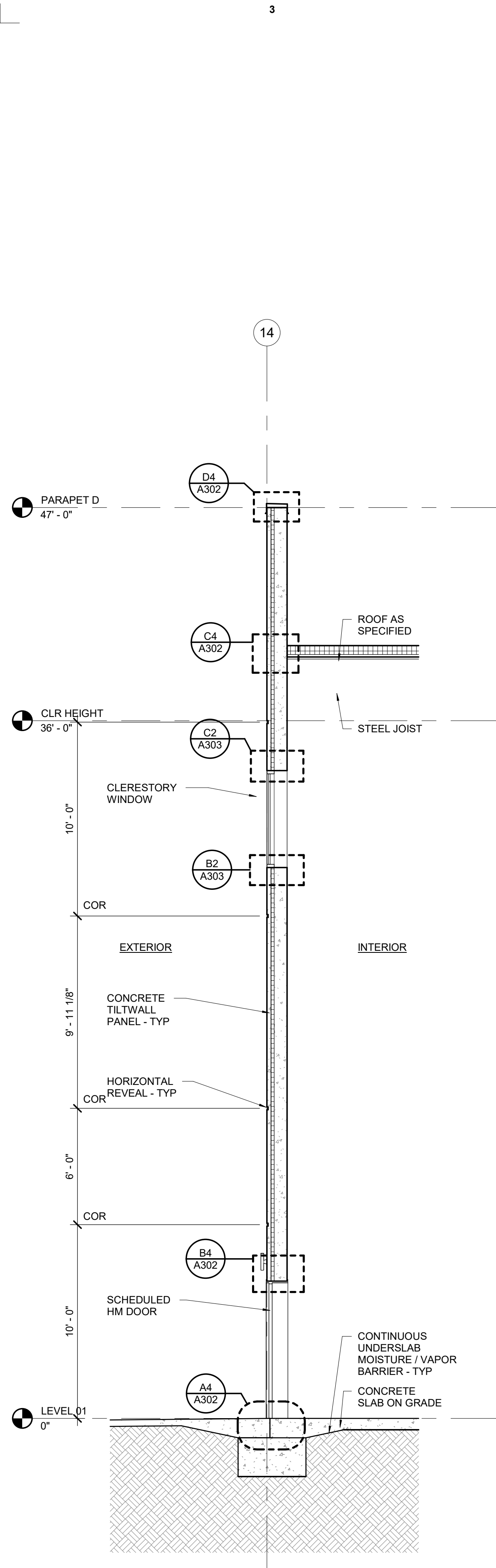
**C4 PRECAST PANEL AT ROOF FLASHING**  
SCALE: 3" = 1'-0"



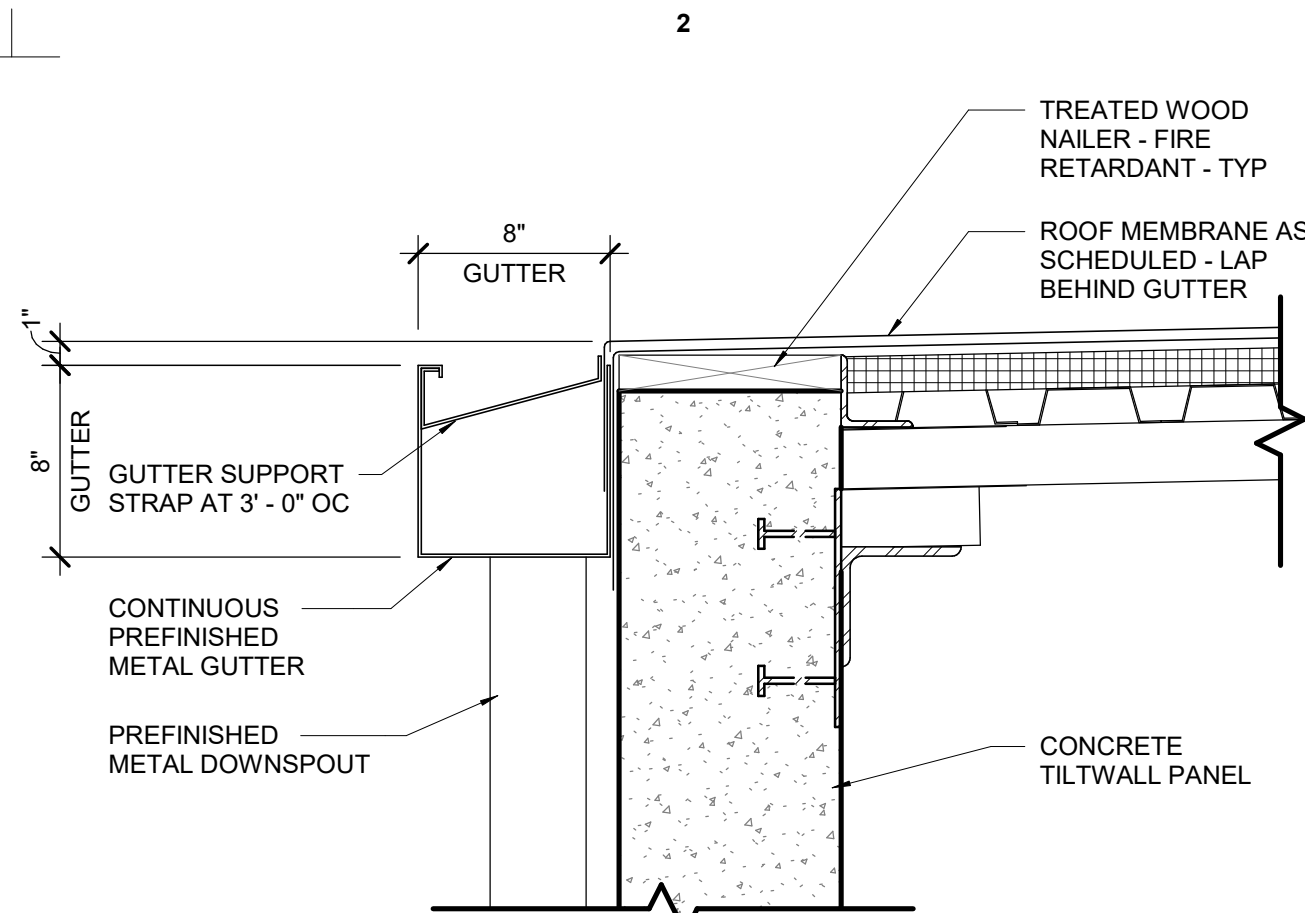
**B4 HOLLOW METAL DOOR HEAD - TYP**  
SCALE: 3" = 1'-0"



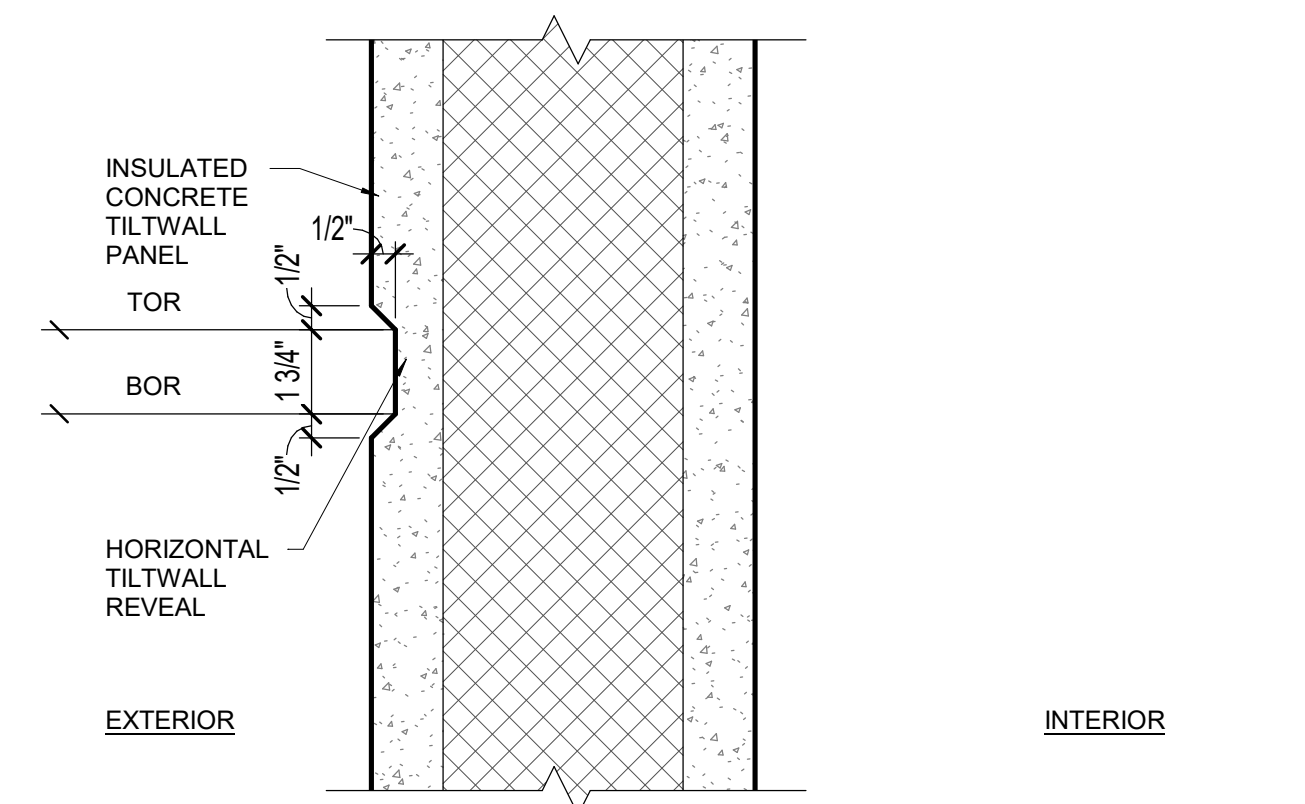
**A4 HM DOOR SILL AT FLOOR SLAB - REAR SET**  
SCALE: 3" = 1'-0"



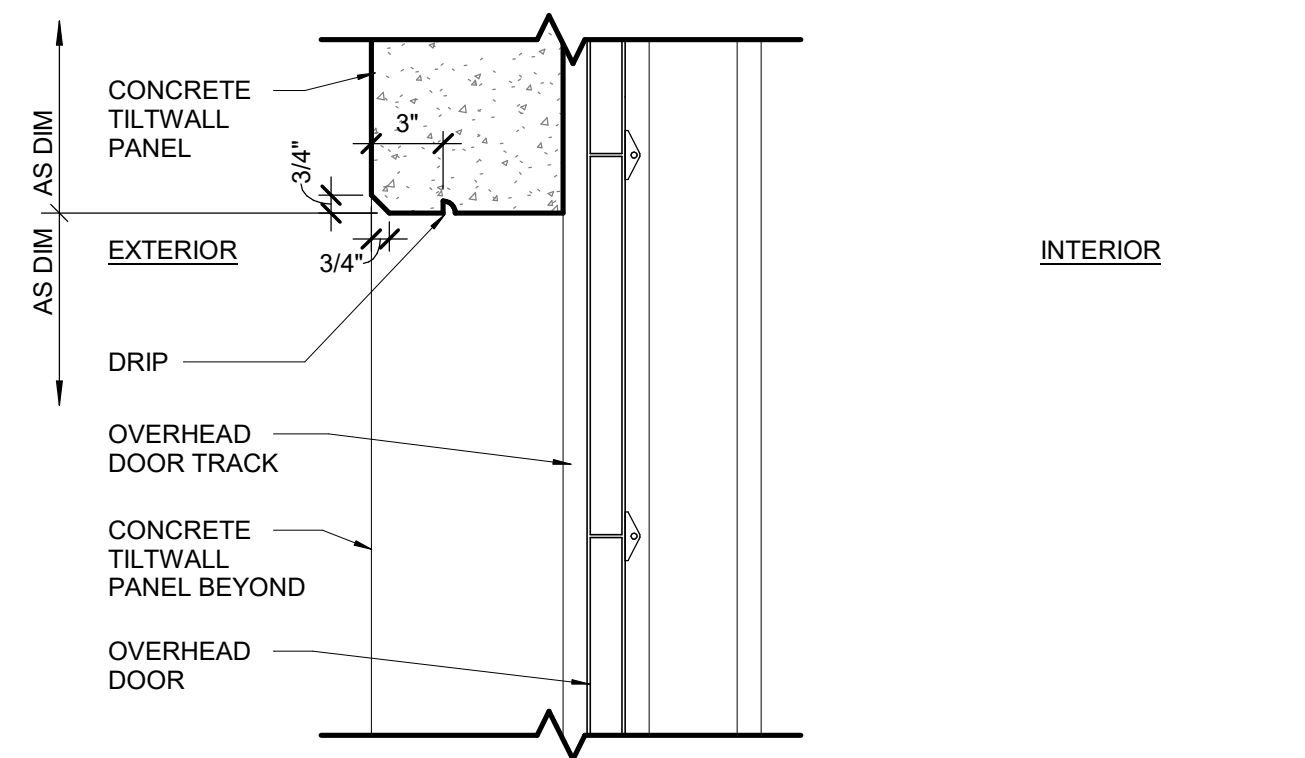
**A3 WALL SECTION - HM DOOR & CLERESTORY**  
SCALE: 1/4" = 1'-0"



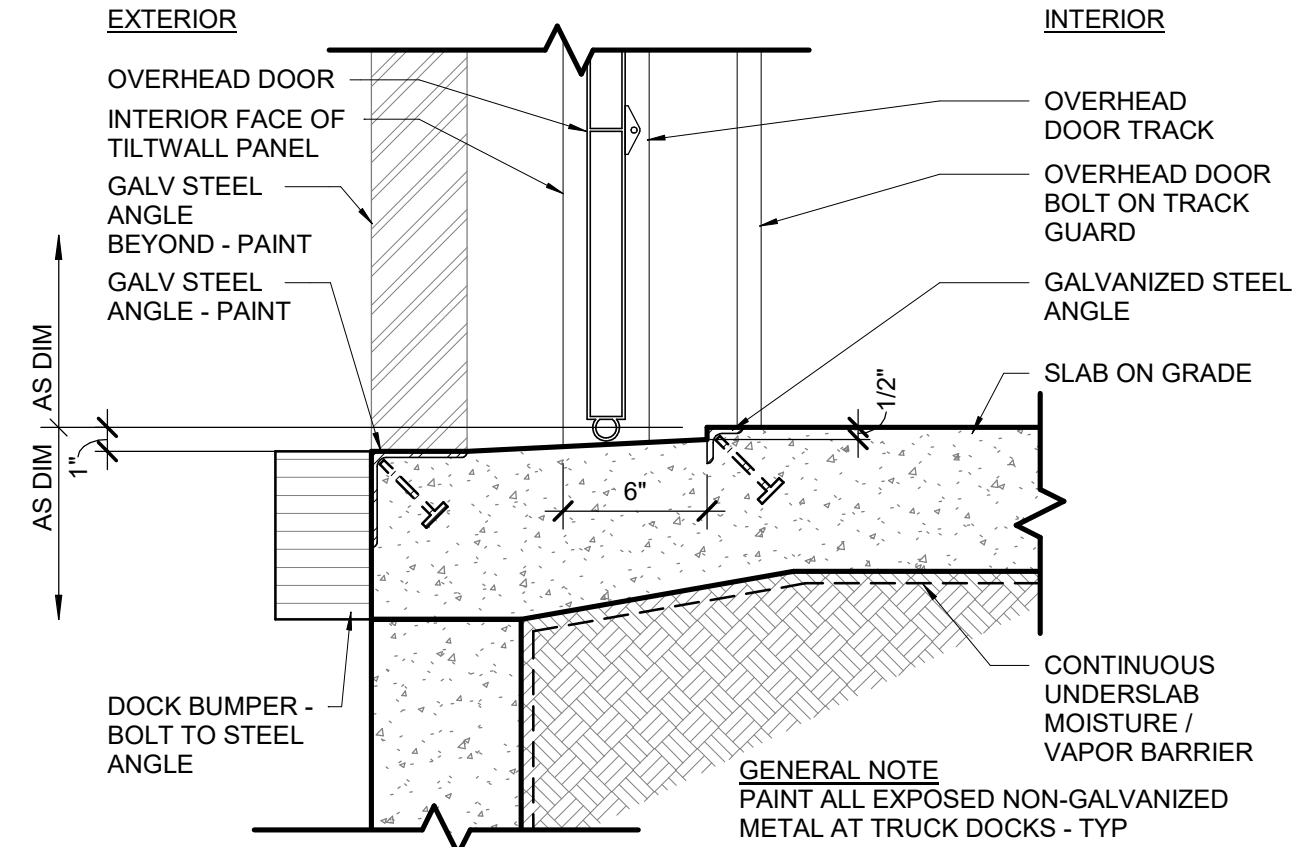
**D2 CONTINUOUS GUTTER AT SURFACE MTD DS - ALT**  
SCALE: 1 1/2" = 1'-0"



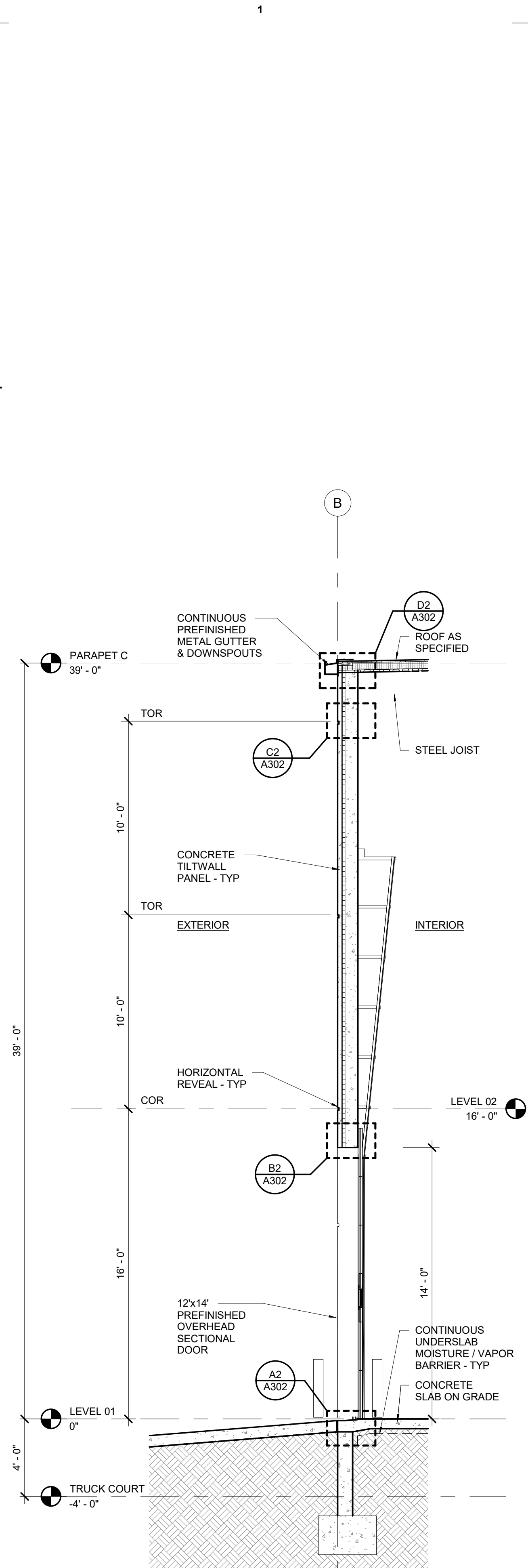
**C2 HORIZ PRECAST REVEAL (TYP)**  
SCALE: 3" = 1'-0"



**B2 OVERHEAD DOOR HEAD - TYP**  
SCALE: 1 1/2" = 1'-0"



**A2 OVERHEAD DOOR SILL - DOCK HIGH**  
SCALE: 1 1/2" = 1'-0"



**A1 WALL SECTION - OHD AT GRADE**  
SCALE: 1/4" = 1'-0"

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4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

~~A PROJECT FOR~~

**PEAK CONSTRUCTION**

**GENERAL NOTES**

CONCRETE

TOR TOP OF REVEAL

BOR BOTTOM OF REVEAL

RO ROUGH OPENING

KO KNOCK OUT PANEL

COR CENTER OF REVEAL

| DATE       | REVISION |
|------------|----------|
| 2026-04-17 | PERMIT   |

**PROJECT NO:** 267020  
**DRAWN BY:** PJ  
**CHECKED BY:** BW  
**SHEET NAME**

**WALL SECTIONS AND DETAILS**

**SEAL**

STATE OF MISSOURI  
GRANT BRANDENBURG  
NUMBER  
A-2020016291  
ARCHITECT  
EXP: 12/31/2026

**SHEET NUMBER**

**A302**

Autodesk Docs://267020 Peak-Axium St. Peter's Expansion/267020\_ARCH\_Peak Axium BTS Expansion\_P25.rvt

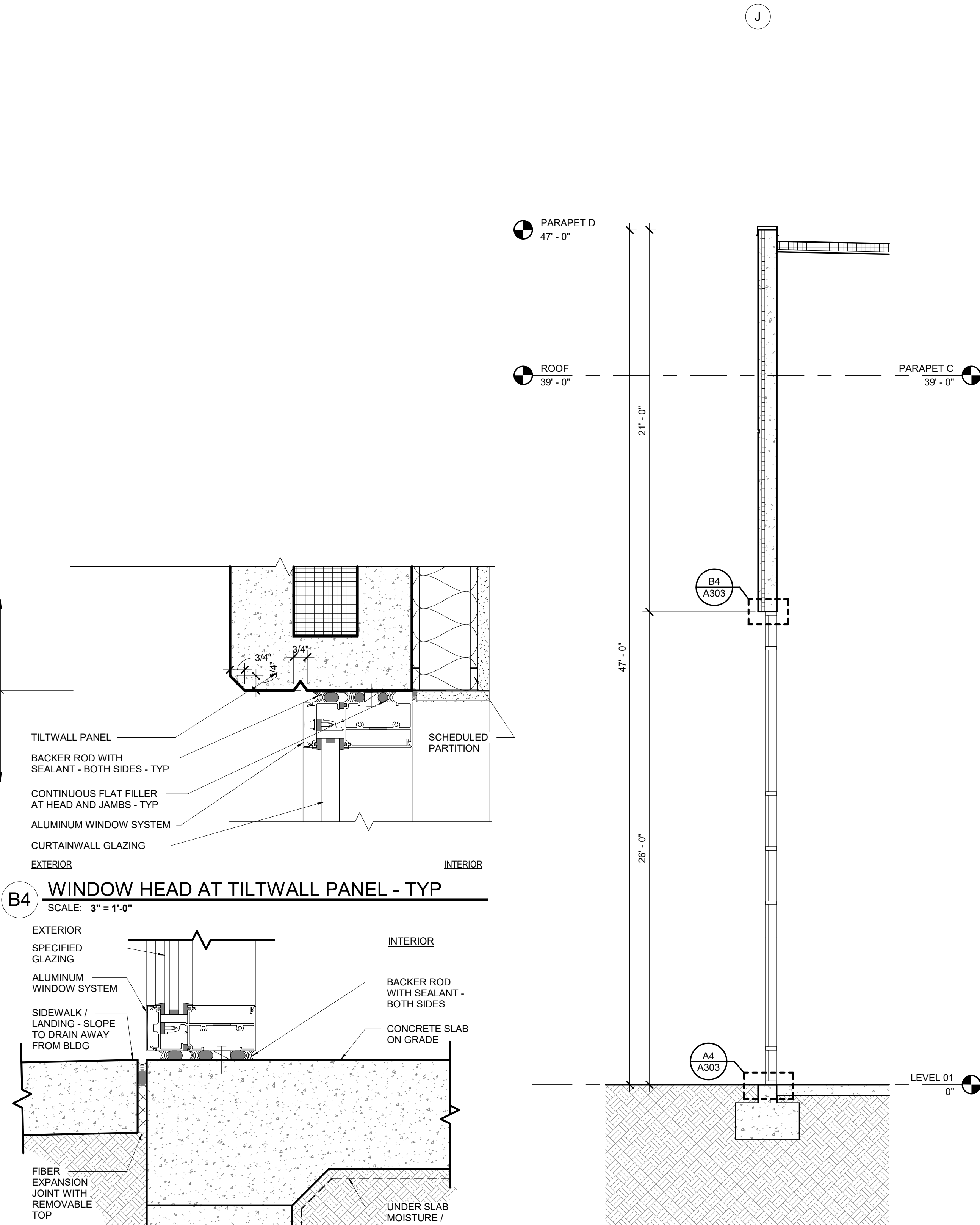
16/04/2026 15:50:51

D

C

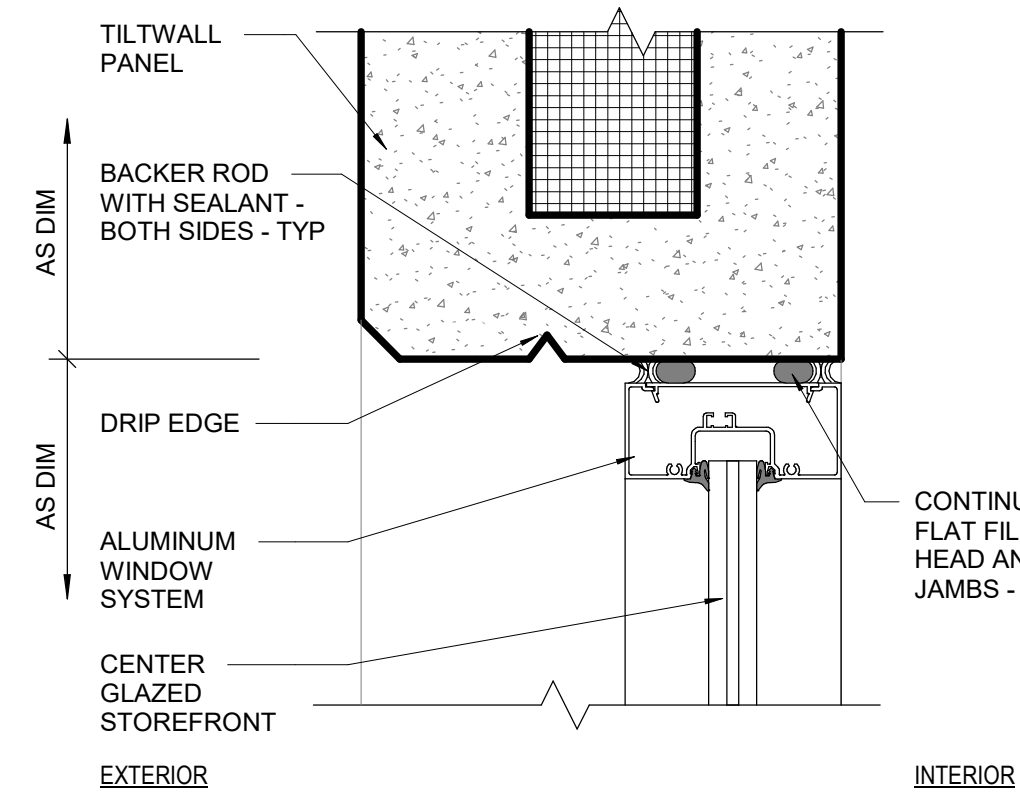
B

A

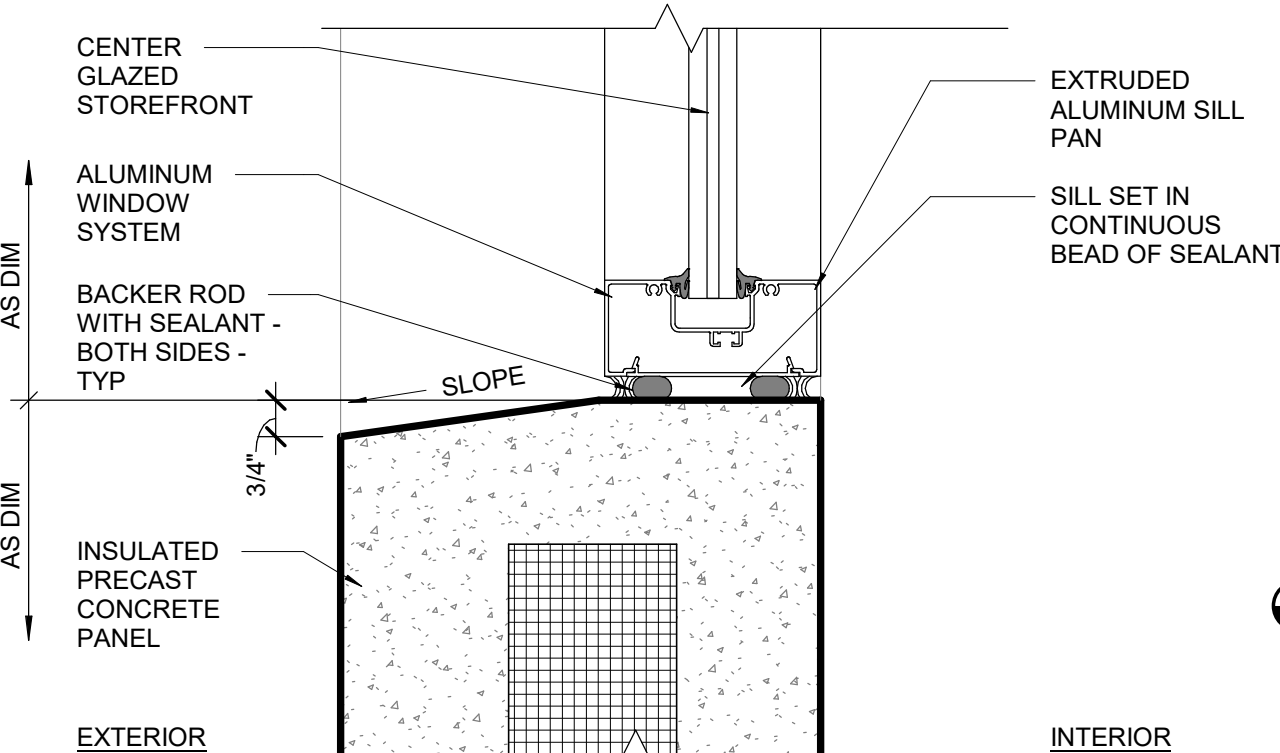


**A4** WINDOW SILL AT FLOOR SLAB  
SCALE: 3" = 1'-0"

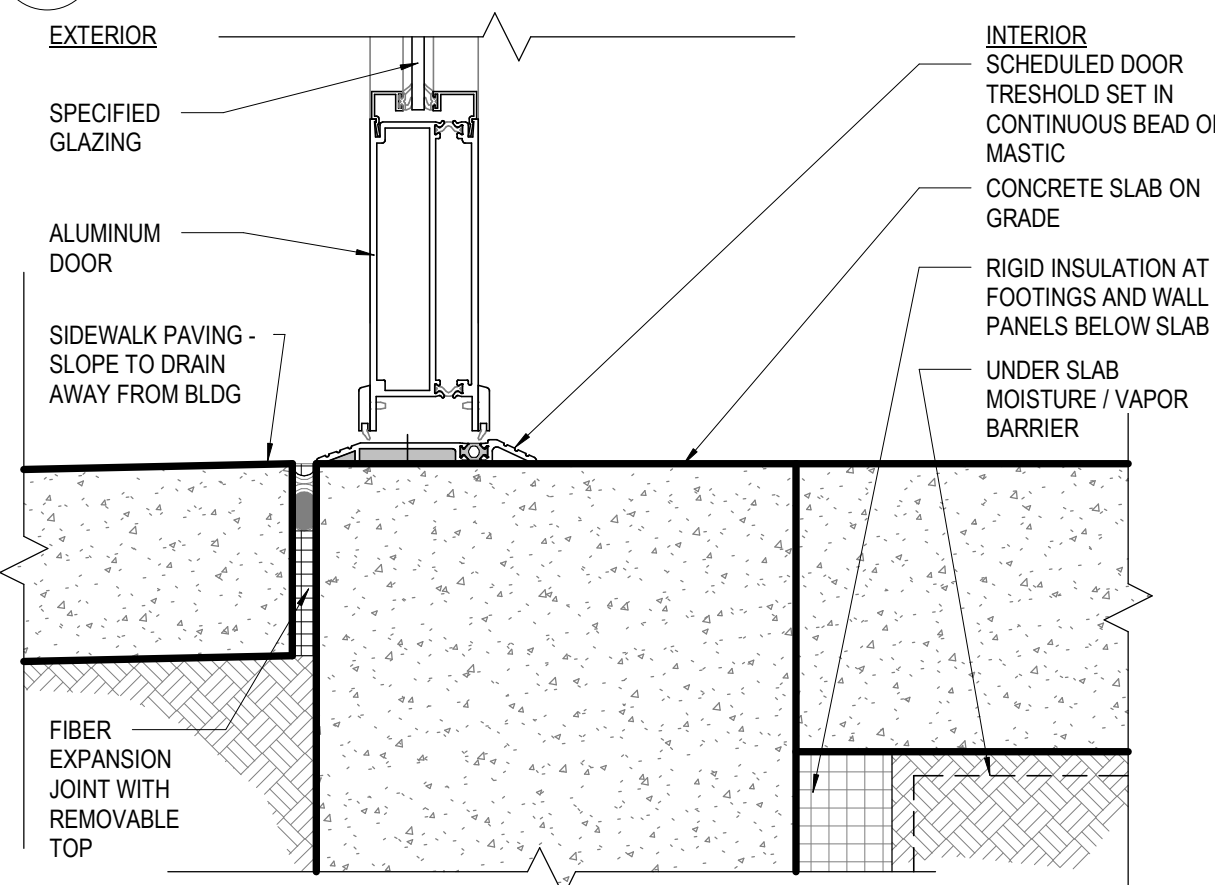
**A3** WALL SECTION - STOREFRONT TYP  
SCALE: 1/4" = 1'-0"



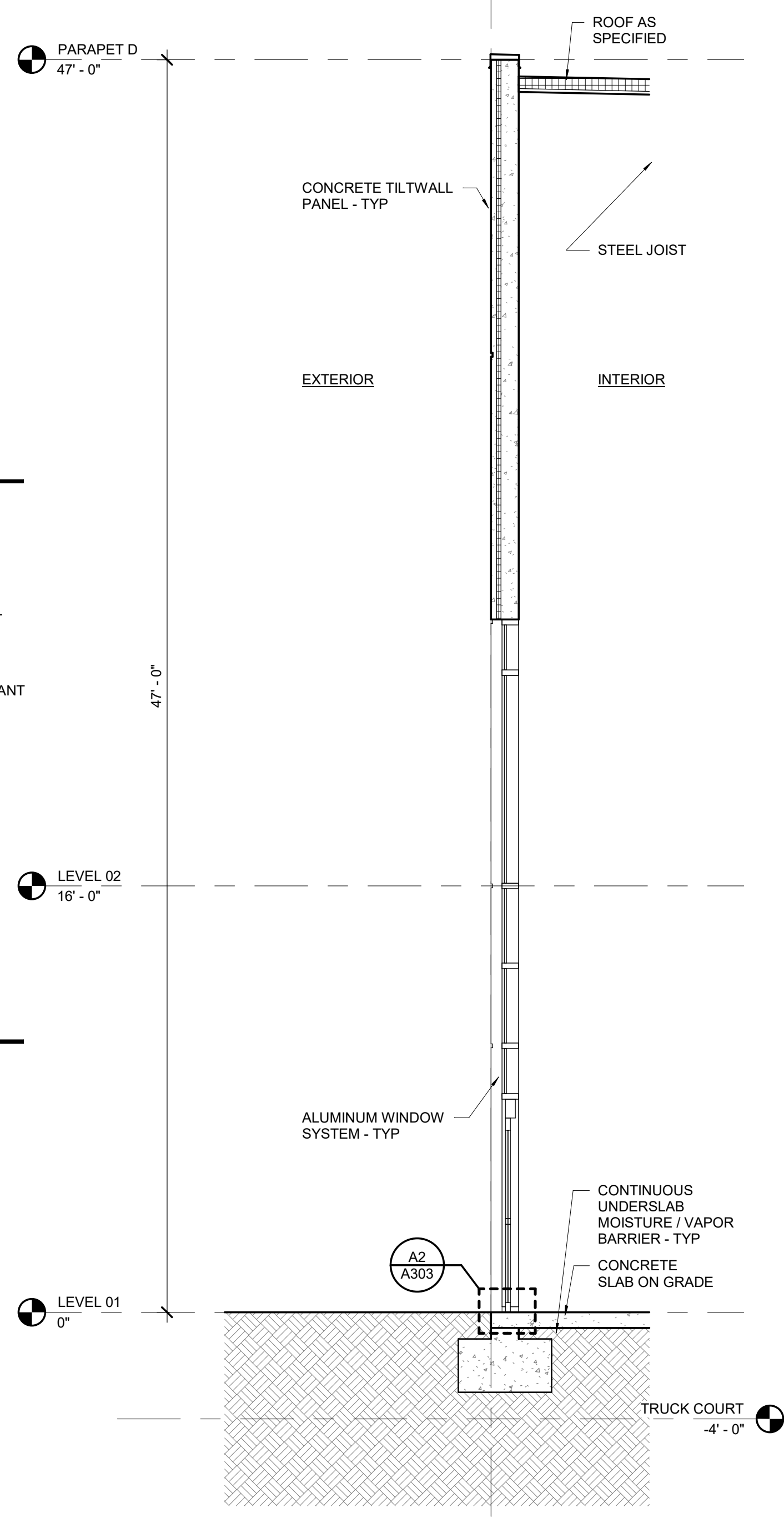
**C2** CLERESTORY HEAD AT TILT WALL  
SCALE: 3" = 1'-0"



**B2** WINDOW SILL AT TILT WALL  
SCALE: 3" = 1'-0"



**A2** ALUMINUM DOOR SILL AT FLOOR SLAB  
SCALE: 3" = 1'-0"



**A1** WALL SECTION - STOREFRONT SLIDING DOOR  
SCALE: 1/4" = 1'-0"

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brown  
archi  
ecture

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Oakbrook Terrace, IL 60181  
312.967.4530  
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PROJECT TITLE

AXIUM BTS EXPANSION - ST.  
PETERS

4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

A PROJECT FOR  
PEAK CONSTRUCTION

GENERAL NOTES

CONCRETE

TOR TOP OF REVEAL  
BOR BOTTOM OF REVEAL  
RO ROUGH OPENING  
KO KNOCK OUT PANEL  
COR CENTER OF REVEAL

| DATE       | REVISION |
|------------|----------|
| 2026-04-17 | PERMIT   |
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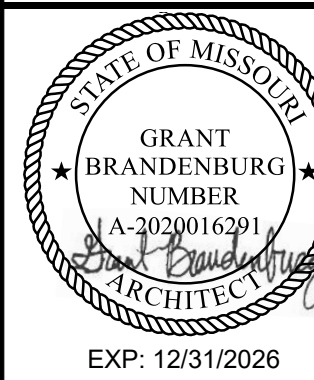
PROJECT NO: 267020  
DRAWN BY: PJ  
CHECKED BY: BW

SHEET NAME

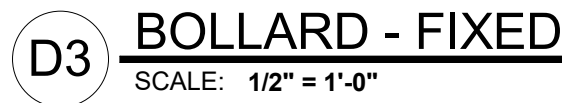
WALL SECTIONS AND  
DETAILS

SEAL

SHEET NUMBER

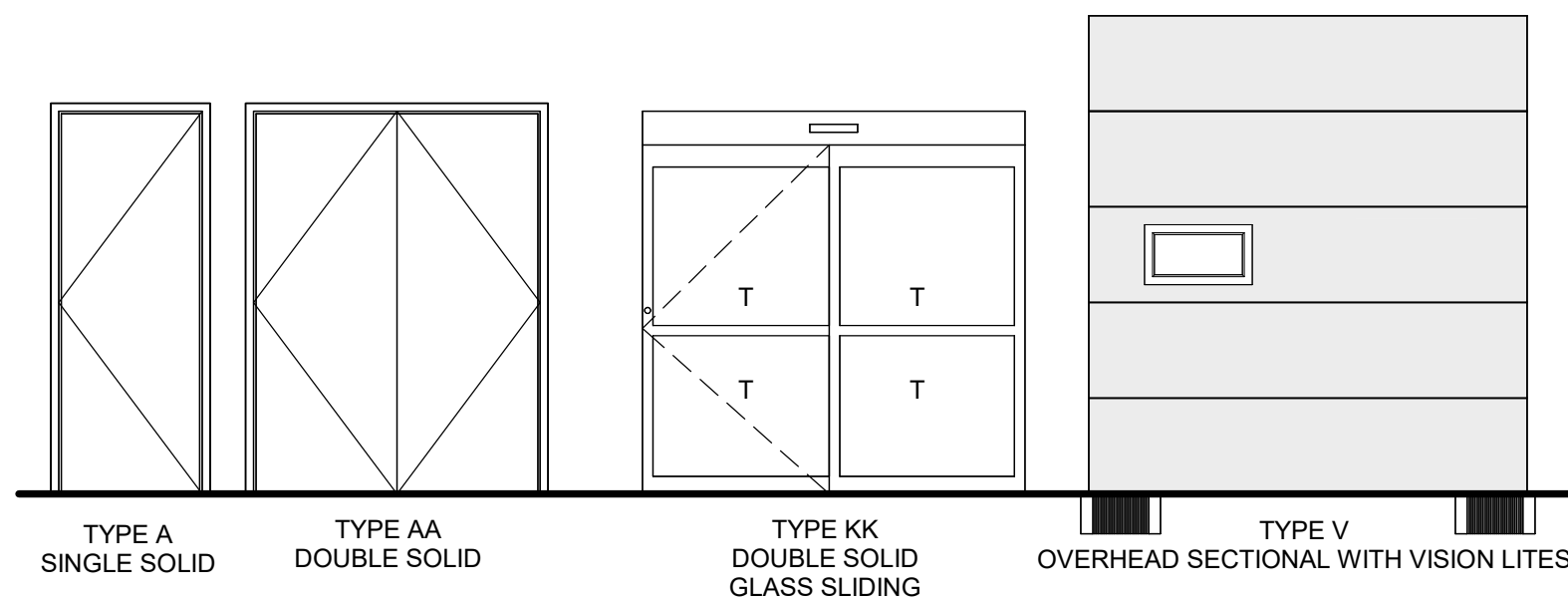


A303



|                                                                                       |              |
|---------------------------------------------------------------------------------------|--------------|
| SEAL                                                                                  | SHEET NUMBER |
|  | A435         |
| EXP: 12/31/2026                                                                       |              |

## DOOR TYPES



## DOOR HARDWARE SCHEDULE

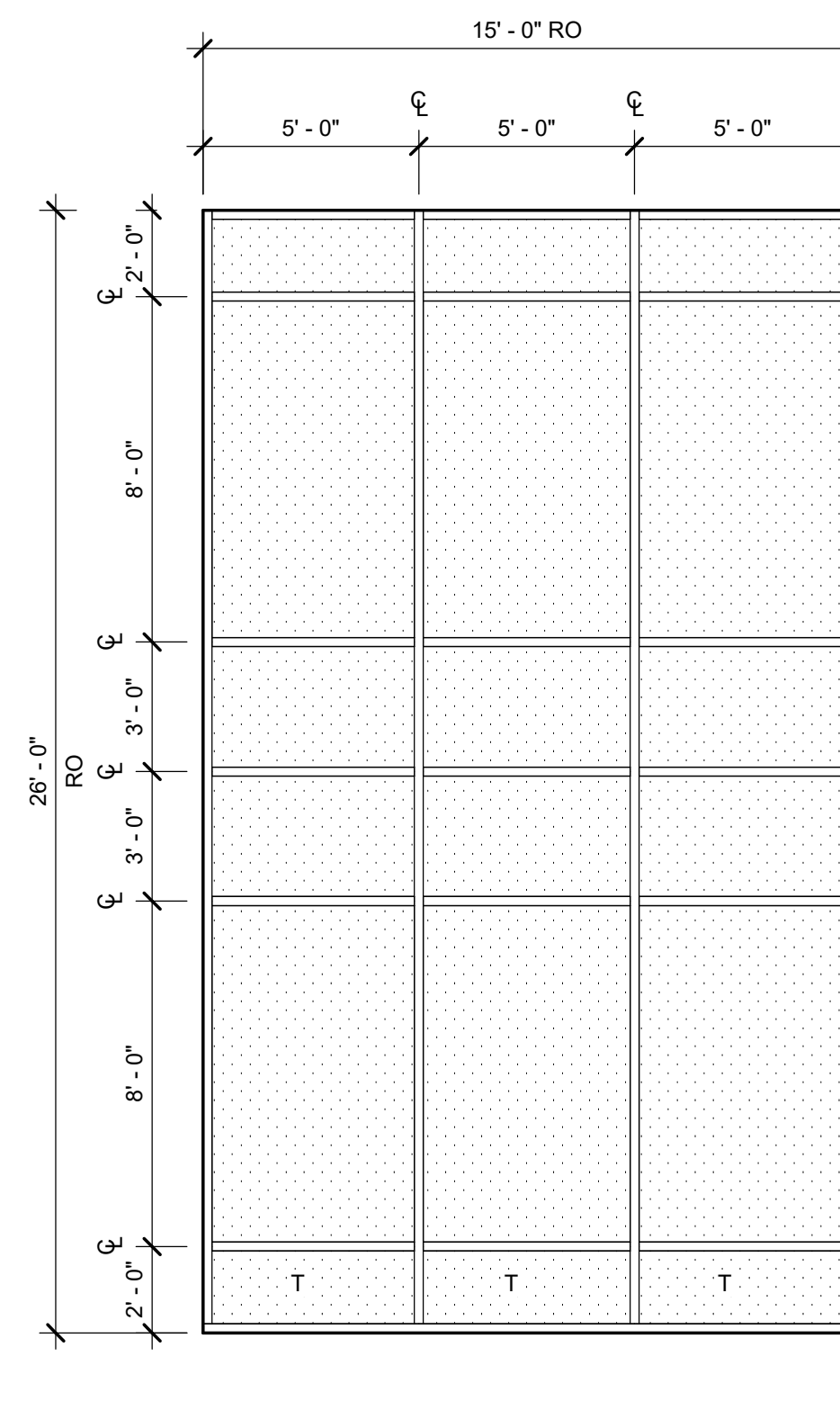
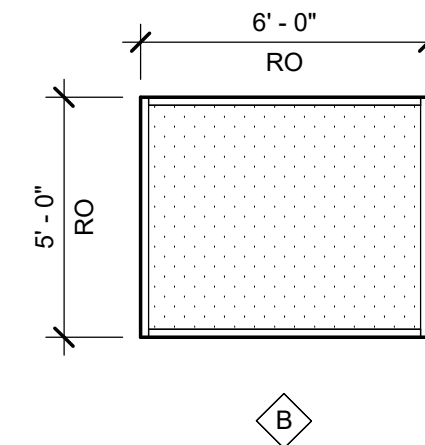
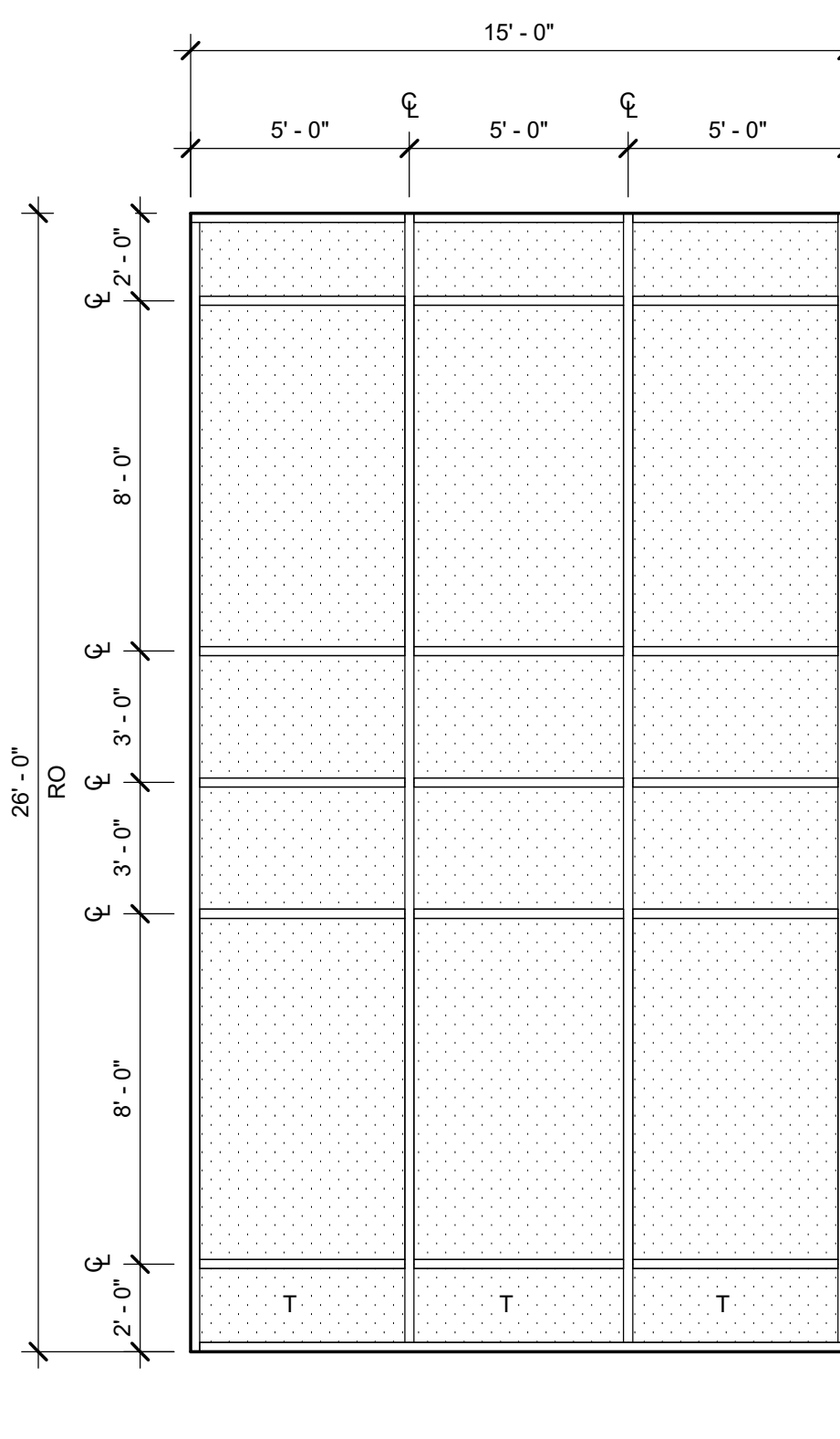
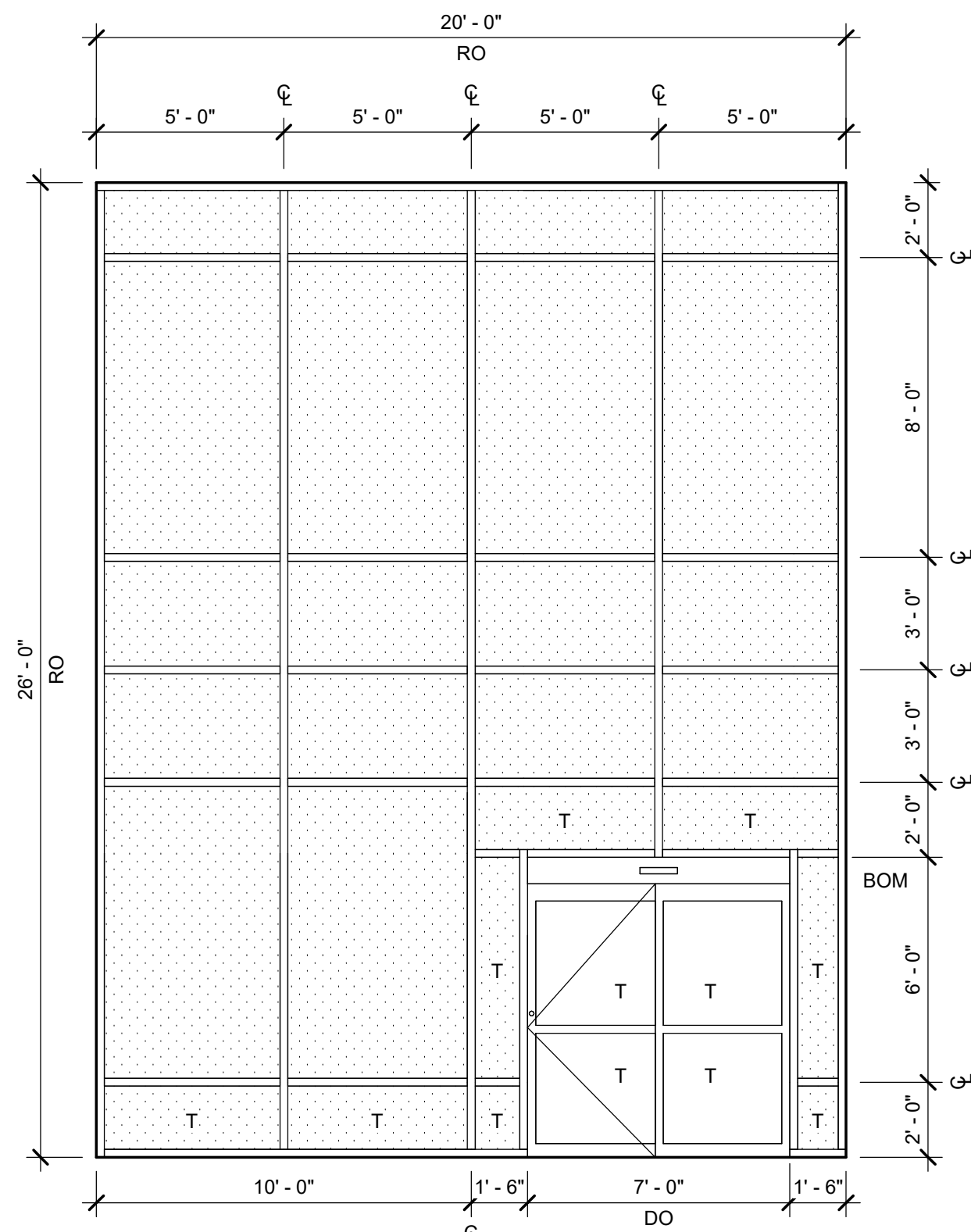
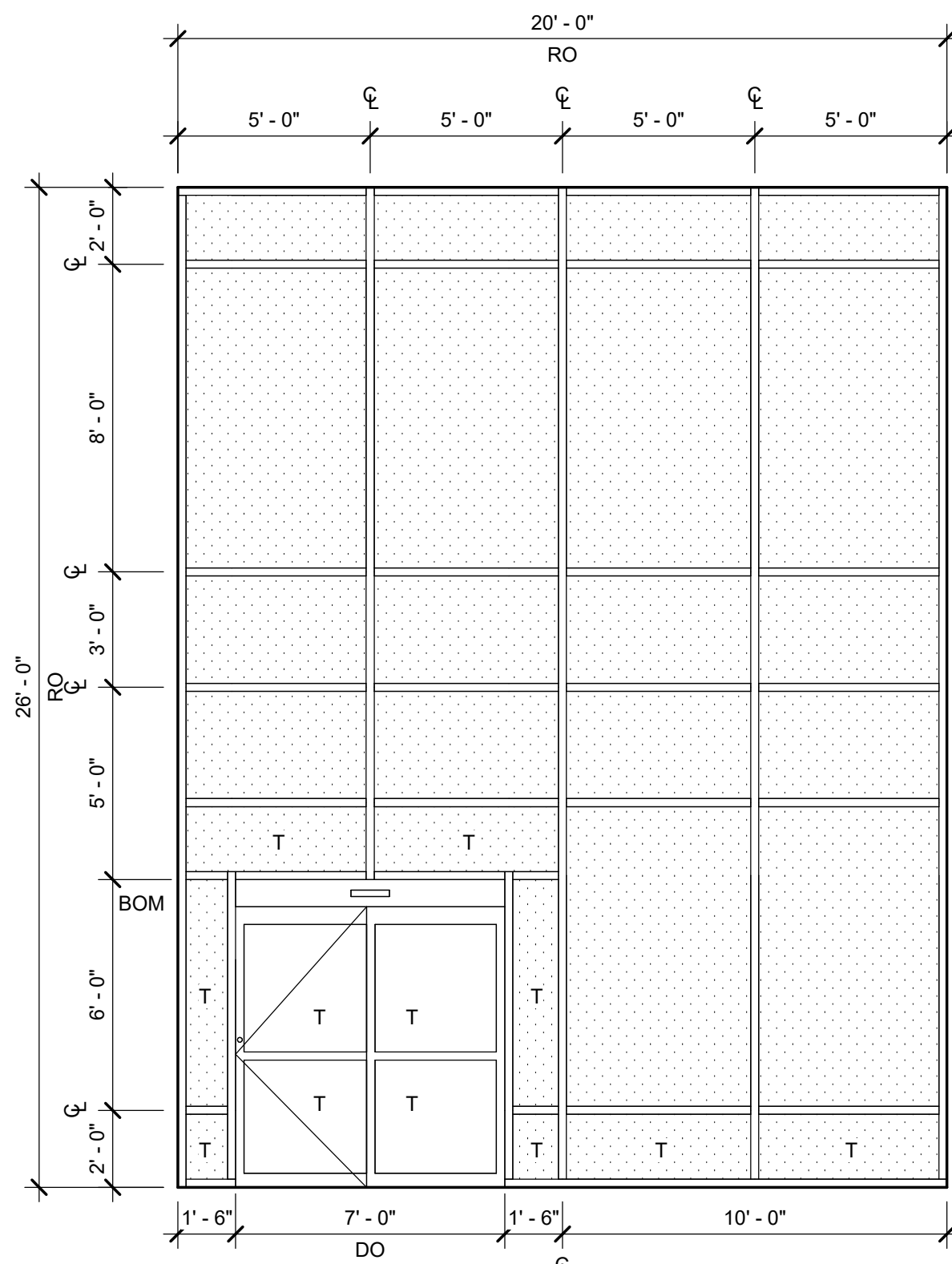
|                                                                                                                                                      |      |                                 |                              |       |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------|------------------------------|-------|----|
| Set: 1.0: Description: Sliding Single - Storefront Entrance - Access Control - Exterior                                                              |      |                                 |                              |       |    |
| 1                                                                                                                                                    | EACH | Card Reader                     | By Security Contractor       |       | OT |
| NOTE: Hardware from manufacturer. Breakaway 3'-0" clear egress door, include all hardware needed for cardreader. Finish to match storefront finishes |      |                                 |                              |       |    |
| Set: 2.0: Description: Sgl - HM Access Control - Exterior                                                                                            |      |                                 |                              |       |    |
| 4                                                                                                                                                    | EACH | Hinge, Hvy Wt                   | T4A3386 4-1/2" x 4-1/2" NRP  | US32D | MK |
| 1                                                                                                                                                    | EACH | Entry Lock                      | MO 4707LN                    | 626   | YA |
| 1                                                                                                                                                    | EACH | SMART Pac Bridge Rectifier      | 2005M3                       |       | HS |
| 1                                                                                                                                                    | EACH | Electric Strike                 | 9600                         | 630   | HS |
| 1                                                                                                                                                    | EACH | Surface Closer                  | 3521                         | 689   | YA |
| 1                                                                                                                                                    | EACH | Kick Plate                      | K1050 10" x 2" LDW CSK BEV   | US32D | RO |
| 1                                                                                                                                                    | EACH | Lip Threshold                   | 2005AT                       |       | PE |
| 1                                                                                                                                                    | EACH | Perimeter Seal                  | 2891APK                      |       | PE |
| 1                                                                                                                                                    | EACH | Sweep                           | 345ANB                       |       | PE |
| 1                                                                                                                                                    | EACH | Elec Cables - Frame             | QC-C1500P                    |       | MK |
| 1                                                                                                                                                    | EACH | Position Switch                 | DPS-M-BK                     |       | SU |
| 1                                                                                                                                                    | EACH | Power Supply                    | AQL4                         |       | SU |
| 1                                                                                                                                                    | EACH | Card Reader                     | By Security Contractor       |       | OT |
| Set: 3.0b: Description: OH Roll Up/Sectional Door - Exterior (Drive-In Dock Door)                                                                    |      |                                 |                              |       |    |
| 1                                                                                                                                                    | EACH | Padlock                         | PD3516                       |       | YA |
| 1                                                                                                                                                    | EACH | Vinyl Top Weather Seal          |                              |       |    |
| 1                                                                                                                                                    | EACH | Reverse Angle Jamb Weather Seal |                              |       |    |
| 1                                                                                                                                                    | EACH | Switch Track Bug Screens        |                              |       |    |
| Set: 3.0c: Description: OH Roll Up/Sectional Door - Interior                                                                                         |      |                                 |                              |       |    |
| 1                                                                                                                                                    | EACH | Padlock                         | PD3516                       |       | YA |
| Set: 8.0: Description: Pair - Passage/Warehouse - Non Rated - Interior                                                                               |      |                                 |                              |       |    |
| 8                                                                                                                                                    | EACH | Hinge, Full Mortise             | TA2714 4-1/2" x 4-1/2" (NRP) | US26D | MK |
| 1                                                                                                                                                    | EACH | Dust Proof Strike               | 570                          | US26D | RO |
| 2                                                                                                                                                    | EACH | Flush Bolt                      | 555 - 12"/72" A.F.F.         | US26D | RO |
| 1                                                                                                                                                    | EACH | Passage Latch                   | MO 4701LN                    | 626   | YA |
| 1                                                                                                                                                    | EACH | Surface Closer                  | 3501                         | 689   | YA |
| 2                                                                                                                                                    | EACH | Kick Plate                      | K1050 10" x 2" LDW CSK BEV   | US32D | RO |
| 2                                                                                                                                                    | EACH | Stop as Required.               | 409/442                      | US32D | RO |
| 1                                                                                                                                                    | EACH | Threshold                       | 171A                         |       | PE |
| 1                                                                                                                                                    | EACH | Perimeter Seal                  | S773BL                       |       | PE |
| 2                                                                                                                                                    | EACH | Sweep                           | 315CN                        |       | PE |
| 1                                                                                                                                                    | EACH | Elec Cables - Frame             | QC-C1500P                    |       | MK |
| 1                                                                                                                                                    | EACH | Position Switch                 | DPS-M-BK                     |       | SU |
| 1                                                                                                                                                    | EACH | Power Supply                    | AQL4                         |       | SU |
| 1                                                                                                                                                    | EACH | Card Reader                     | By Security Contractor.      |       | OT |
| 1                                                                                                                                                    | EACH | Electric Strike                 | 9600                         | 630   | HS |
| Set: 12.0: Description: Sgl - Rated/Non Rated - Passage/Warehouse - Interior                                                                         |      |                                 |                              |       |    |
| 4                                                                                                                                                    | EACH | Hinge, Full Mortise             | TA2714 4-1/2" x 4-1/2" (NRP) | US26D | MK |
| 1                                                                                                                                                    | EACH | Passage Latch                   | MO 4701LN                    | 626   | YA |
| 1                                                                                                                                                    | EACH | Surface Closer                  | 3521                         | 689   | YA |
| 1                                                                                                                                                    | EACH | Kick Plate                      | K1050 10" x 2" LDW CSK BEV   | US32D | RO |
| 1                                                                                                                                                    | EACH | Stop as Required.               | 409/442                      | US32D | RO |
| 1                                                                                                                                                    | EACH | Threshold                       | 171A                         |       | PE |
| 1                                                                                                                                                    | EACH | Perimeter Seal                  | S773BL                       |       | PE |
| 1                                                                                                                                                    | EACH | Sweep                           | 315CN                        |       | PE |

## DOOR / FRAME SCHEDULE

| From Room: Name | DOOR ASSEMBLY |      | DOOR       |          |           |               |                | FRAME          |              | Side Lite Width | Hardware Set | Fire Rating       | Comments |
|-----------------|---------------|------|------------|----------|-----------|---------------|----------------|----------------|--------------|-----------------|--------------|-------------------|----------|
|                 | Number        | Type | Dimensions |          |           | Door Material | Door Finish    | Frame Material | Frame Finish |                 |              |                   |          |
|                 |               |      | Width      | Height   | Thickness |               |                |                |              |                 |              |                   |          |
| FACTORY         | E201          | V    | 12' - 0"   | 14' - 0" | 2"        | STEEL         | PREFINISHED    | STEEL          | GALV         | 3.0c            |              |                   |          |
| FACTORY         | E202          | V    | 12' - 0"   | 14' - 0" | 2"        | STEEL         | PREFINISHED    | STEEL          | GALV         | 3.0c            |              |                   |          |
| FACTORY         | E203          | V    | 12' - 0"   | 14' - 0" | 2"        | STEEL         | PREFINISHED    | STEEL          | GALV         | 3.0c            |              |                   |          |
| FACTORY         | N201          | V    | 12' - 0"   | 14' - 0" | 2"        | STEEL         | PREFINISHED    | STEEL          | GALV         | 3.0c            |              |                   |          |
| MECHANICAL      | N202          | A    | 3' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PTD            | HM             | PTD          | 12.0            |              |                   |          |
| FACTORY         | N203          | A    | 3' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PREFINISHED    | HM             | PTD          | 12.0            |              |                   |          |
| FACTORY         | N204          | V    | 12' - 0"   | 14' - 0" | 2"        | STEEL         | PREFINISHED    | STEEL          | GALV         | 3.0c            |              |                   |          |
| ELECTRICAL      | N205          | AA   | 6' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PTD            | HM             | PTD          | 8.0             |              |                   |          |
| FACTORY         | N206          | A    | 3' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PTD            | HM             | PTD          | 2.0             |              |                   |          |
| FACTORY         | N207          | V    | 12' - 0"   | 14' - 0" | 2"        | STEEL         | PREFINISHED    | STEEL          | GALV         | 3.0b            |              |                   |          |
| ELECTRICAL      | N208          | A    | 3' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PTD            | HM             | PTD          | 2.0             |              |                   |          |
| MECHANICAL      | N209          | A    | 3' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PTD            | HM             | PTD          | 2.0             |              |                   |          |
| MECHANICAL      | N210          | A    | 3' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PTD            | HM             | PTD          | 2.0             |              |                   |          |
| FACTORY         | S201          | KK   | 7' - 0"    | 8' - 0"  |           | ALUM/GLASS    | ANOD CLR/GLASS | ALUM           | ANOD CLR     | 1.0             |              | CARD READER READY |          |
| FACTORY         | S202          | KK   | 7' - 0"    | 8' - 0"  |           | ALUM/GLASS    | ANOD CLR/GLASS | ALUM           | ANOD CLR     | 1.0             |              | CARD READER READY |          |
| FACTORY         | S203          | A    | 3' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PTD            | HM             | PTD          | 2.0             |              |                   |          |
| FACTORY         | W201          | A    | 3' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PTD            | HM             | PTD          | 2.0             |              |                   |          |
| FACTORY         | W202          | A    | 3' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PTD            | HM             | PTD          | 2.0             |              |                   |          |
| FACTORY         | W203          | A    | 3' - 0"    | 7' - 0"  | 1 3/4"    | HM            | PTD            | HM             | PTD          | 2.0             |              |                   |          |

[illegible]

## WINDOW TYPES



powers  
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archit  
ecture

18W140 Butterfield Road  
Suite 1560  
Oakbrook Terrace, IL 60181  
312.967.4530  
[www.powersbrown.com](http://www.powersbrown.com)

PROJECT TITLE

AXIUM BTS EXPANSION - ST. PETERS

4001 PREMIER PARKWAY  
ST. PETERS, MISSOURI 63301

~~A PROJECT FOR  
PEAK CONSTRUCTION~~

### PLAN LEGEND



1" LOW E VISION GLAZING



1" INSULATED SPANDREL GLAZING

T = TEMPERED GLASS

TOM = TOP OF MULLION

BOM = BOTTOM OF MULLION

DO = DOOR OPENING

RO = ROUGH OPENING

## GENERAL NOTES

A ALUMINUM WINDOW SYSTEMS LESS THAN 10'-0" TALL  
AND LESS THAN 10'-0" AFF TO BE STOREFRONT  
SYSTEM AS SPECIFIED

B ALUMINUM WINDOW SYSTEMS GREATER THAN 10'-0" TALL AND/OR GREATER THAN 10'-0" AFF TO BE CURTAINWALL SYSTEM AS SPECIFIED

C CLERESTORY WINDOWS IN WAREHOUSE AREAS ARE TO BE STOREFRONT SYSTEM AS SPECIFIED

D ALL GLAZING IN EXTERIOR WINDOW SYSTEMS TO BE FRONT SET UNO

E ALL ALUMINUM WINDOW SYSTEMS ARE REQUIRED TO MEET ADOPTED CODES AND WIND LOAD REQUIREMENTS. STAMPED ENGINEERED SHOP DRAWINGS ARE TO BE PROVIDED TO THE ARCHITECT FOR FINAL REVIEW

F EXTERIOR WINDOW SYSTEM FRAME AND MULLION  
FINISH COLOR TO BE \_\_\_\_\_

- CLEAR ANODIZED

G REFER TO ENVELOPE COMCHECK ON SHEET G002.1  
FOR ENERGY REQUIREMENTS OF GLAZING

H ALL FRAMES TO BE THERMALLY BROKEN ALUMINIUM FRAMES

J STANDARD GREY TINTED THERMAL GLASS VISION AND SPANDREL PANELS

[illegible]

PROJECT NO: 267020

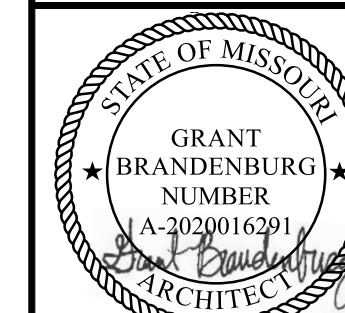
**DRAWN BY:** AUTHOR

**CHECKED BY:** CHECKER

**SHEET NAME**

## WINDOW TYPES

SEAL



EXP: 12/31/2026

SHEET NUMBER

A606