

SITE PLAN | 1  
1" = 20'-0"

**PROJECT DATA**

PROJECT NAME:	CIRCLE K CONVENIENCE STORE, FUEL PUMPS AND A DETACHED CARWASH
PROJECT ADDRESS:	9706 KENNEBEC CHURCH RD, ANGIER, NC 27501
PROJECT DESCRIPTION:	PROPOSAL FOR A NEW CONVENIENCE STORE WITH ASSOCIATED FUEL SALES CONSISTING OF A 3,962 S.F. CONVENIENCE STORE, 4,608 S.F. FUEL CANOPY WITH 7 FUEL PUMPS AND A 1,458 S.F. DETACHED CARWASH. THE CONVENIENCE STORE WILL SELL BEER AND WINE FOR OFF-SITE CONSUMPTION. THE FACILITY WILL OPERATE 24 HOURS.
PARCEL/SITE AREA:	± 3.40 AC (± 148,166 S.F.)
EXISTING ZONING:	GC (GENERAL COMMERCIAL)
PARCEL NUMBER:	CONVENIENCE STORE W/ GAS SALES & CAR WASH
MAX. BULD. HEIGHT:	22'-0" PROVIDED, (40' ALLOWED)
MAX. FUEL CANOPY HEIGHT:	18'-6" PROVIDED, (55' ALLOWED)
MAX. CAR WASH HEIGHT:	21'-6" PROVIDED, (40' ALLOWED)
PARKING:	
REQUIRED:	3,962 SF/150 = 27 PARKING STALLS
PROVIDED:	
STANDARD PARKING:	25 STALLS
ACCESSIBLE PARKING:	2 ACCESSIBLE STALLS AND VAN ACCESSIBLE
TOTAL PARKING PROVIDED:	27 TOTAL PARKING SPACES
BICYCLE:	2 BICYCLE RACKS PROVIDED

**GENERAL SITE NOTES**

- A. SIGNS REQUIRE A SEPARATE PERMIT.
- B. DUMPSTERS AND MECHANICAL EQUIPMENT WILL BE SCREENED FROM THE PUBLIC.
- C. WALLS OVER 6' HIGH APPROVED BY SEPARATE PERMIT.
- D. PARKING WILL BE PAVED.
- E. PARKING WILL BE WITHIN 400' OF BUILDING.
- F. THERE SHALL BE NO OBSTRUCTION OF SITE SIGNAGE BY LANDSCAPE PLANT MATERIAL, AND SUCH MUST BE RELOCATED/CORRECTED BEFORE THE FIELD INSPECTION WILL ACCEPT/PASS THE SIGN IN THE FIELD OR ISSUE A CERTIFICATE OF OCCUPANCY FOR A PROJECT.
- G. ALL ROOF MOUNTED MECHANICAL EQUIPMENT SHALL BE FULLY SCREENED BY PARAPET WALLS EQUAL TO, OR GREATER THAN, THE HIGHEST POINT ON THE MECHANICAL EQUIPMENT.
- H. SOLID MASONRY WALLS AND GATES EQUAL TO, OR GREATER THAN, THE HIGHEST POINT ON THE MECHANICAL EQUIPMENT SHALL SCREEN ALL GROUND MOUNTED MECHANICAL EQUIPMENT.
- I. ALL SITE IMPROVEMENTS, INCLUDING LANDSCAPE AND SITE CLEANUP, MUST BE COMPLETED PRIOR TO CERTIFICATE OF OCCUPANCY FOR ANY BUILDING WITHIN A PHASE.
- J. THE FIRE DEPT. DOUBLE CHECK ASSEMBLY SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR.
- K. ALL EXTERNAL LIGHTING SHALL BE LOCATED AND DESIGNED TO PREVENT RAYS FROM BEING DIRECTED OFF OF THE PROPERTY UPON WHICH THE LIGHTING IS LOCATED.

**KEYNOTES**

- S1. BUILDING AREA
- S2. PAVING AT DRIVEWAY AND PARKING AREA, SEE CIVIL PLANS.
- S3. LANDSCAPE AREA, SEE LANDSCAPE PLANS
- S4. PROPOSED MONUMENT SIGN, UNDER SEPARATE PERMIT. SEE ELECTRICAL PLANS FOR POWER REQUIREMENTS.
- S5. LANDSCAPE PLANTER AREA, SEE LANDSCAPE PLANS.
- S6. CONCRETE WALK, SEE CIVIL PLANS AND SITE DETAILS SHEET 4,8,9,10,13 /SD1.2
- S7. ELECTRICAL TRANSFORMER PROPOSED LOCATION. POWER COMPANY TO DETERMINE FINAL LOCATION.
- S8. OUTDOOR SEATING BY CIRCLE K.
- S9. TRASH ENCLOSURE PER CITY STANDARD DETAILS, AND CIRCLE K APPROVAL. SEE SITE DETAIL 9/SD1.3
- S10. CONC. CURB AND GUTTER, SEE CIVIL PLANS
- S11. CONCRETE PAVING, SEE CIVIL PLANS
- S12. PARKING LIGHT POLE FIXTURE, SEE STRUCT. & ELECT. PLANS.
- S13. ACCESSIBLE RAMP, SEE CIVIL PLANS AND DETAIL 6/SD1.2
- S14. ACCESSIBLE PARKING PER CITY REQUIREMENTS, SEE DETAIL 12/SD1.2
- S15. VENT PIPES LOCATION, SEE FUEL PLAN.
- S16. FUEL CANOPY AREA, SEE FUEL SHEETS FOR MORE INFORMATION
- S17. BICYCLE RACK - SEE DETAIL 14/SD1.2
- S18. NOT USED.
- S19. CO2 WITH STORAGE CABINET - SEE DETAILS 3/A1.3
- S20. BUILDING SERVICE DISCONNECT SECTION, SEE ELECTRICAL.
- S21. PROVIDE AND INSTALL FUEL STORAGE TANKS PER FUEL/GAS PLANS
- S22. 4" BOLLARD, SPACED EVERY 6', SEE DETAIL 1/SD1.2
- S23. AIR MACHINE, PROVIDED BY CIRCLE K VENDOR, SEE CIVIL AND ELECT. PLANS
- S24. EMERGENCY SHUT-OFF SWITCH, SEE FUEL PLAN
- S25. ADA ACCESSIBLE OUTDOOR SEATING.
- S26. OUTDOOR PAINTED STRIPES FOR NO-PARKING AREA, SEE DETAIL 12/SD1.2
- S27. PROPOSED PROPERTY LINE. REFER TO CIVIL DRAWINGS.
- S28. 6" DIA FUEL CANOPY BOLLARDS WITH GRAY COVERS
- S29. DOWNSPOUT, SEE CIVIL DRAWING FOR CONNECTION TO STORM DRAIN.
- S30. BUILDING SETBACK
- S31. CAR WASH, SEE CAR WASH SHEETS FOR MORE INFORMATION.
- S32. EXTERNAL EQUIPMENT PROVIDED BY CIRCLE-K. SEE EQUIPMENT PLAN, SHEET A1.4.
- S33. EXTERIOR ROOF ACCESS LADDER PORT.
- S34. ADA ACCESSIBLE FIRE EXTINGUISHER, NFPA. REFER TO UST SET FOR MORE INFO.
- S35. 4'-0" HIGH CHAINLINK FENCE & GATES, SEE SHEET SD1.4
- S36. ELECTRICAL PANELS
- S37. 4" CONCRETE SLAB ON GRADE SEE STRUCTURAL DWGS. FOR MORE INFO.
- S38. GRAVEL BED FOR THE CONDENSING PAD SUPPLIED BY GC
- S39. TRAFFIC RATED SAND/OIL INTERCEPTOR. REFER TO CIVIL AND MEP PLANS.
- S40. IRRIGATION CONTROLLER. REFER TO IRRIGATION PLANS.
- S41. EXTERNAL CARWASH EQUIPMENT. REFER TO CARWASH DRAWINGS
- S42. ELECTRIC CHARGING STATION. REFER TO ELECTRICAL PLANS.
- S43. EXISTING SIGN WITH TWO BRICK PILLARS. REFER TO CIVIL DRAWINGS.
- S44. PROPOSED DIRECTIONAL SIGN (INCLUDING FOR CARWASH), REFER TO CIVIL AND SEE ELECTRICAL PLANS.
- S45. STOP SIGN AND 24" WIDE STOP BAR. REFER TO CIVIL DRAWINGS.
- S46. VACUUM PARKING.

**SITE LEGEND**

	ACCESSIBLE PATH OF TRAVEL		FIRE EXTINGUISHER
	FIREFIGHTER WALKWAY ACCESS ROUTE		NEW CONCRETE PAVING
	PROPERTY LINE		



11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
OTF	02/15/23

**PROFESSIONAL IN CHARGE**

RW  
PROJECT MANAGER  
RM  
QUALITY CONTROL  
JS  
DRAWN BY  
YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



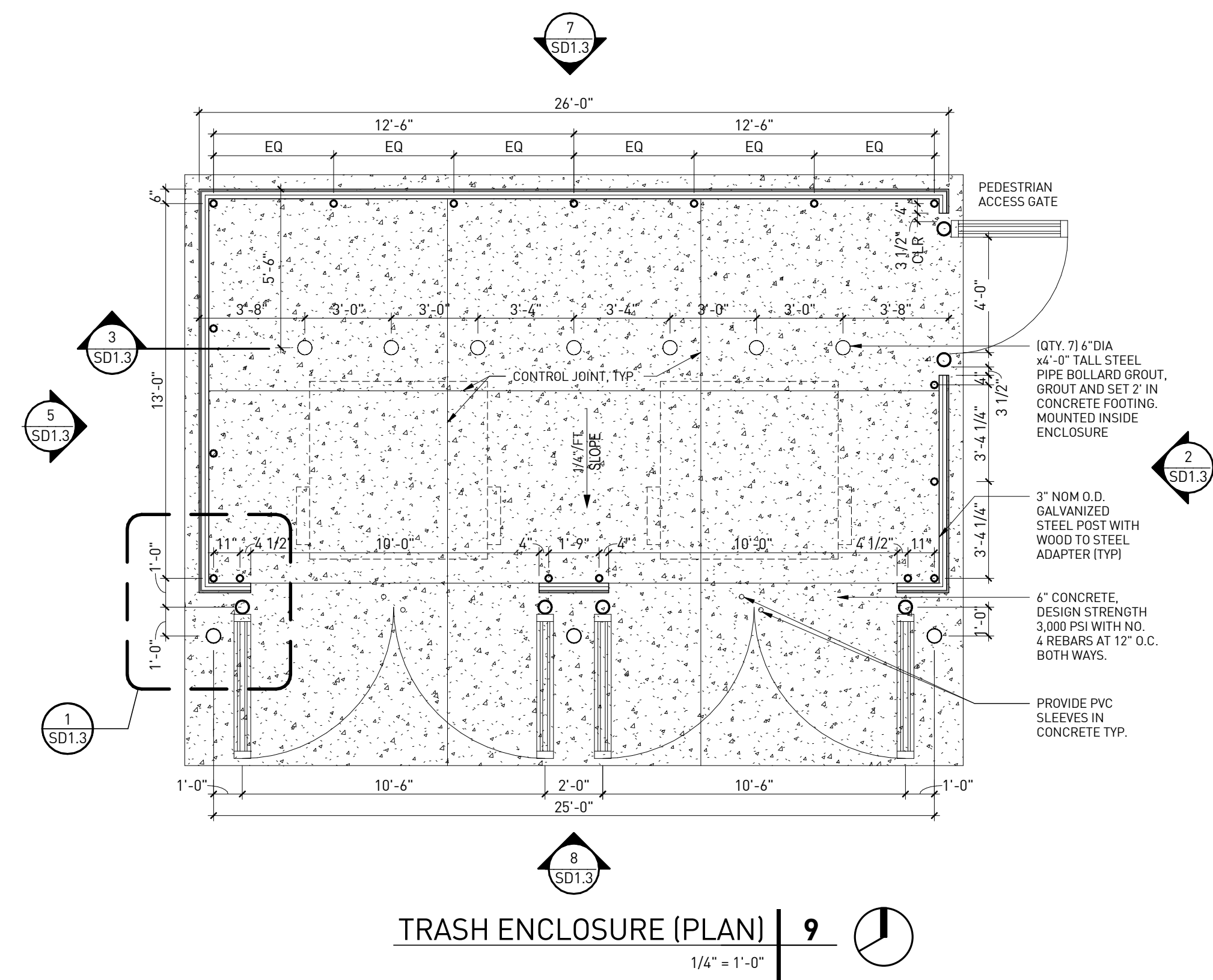
CIRCLE K STORE INC.

PROJECT NUMBER: 22130

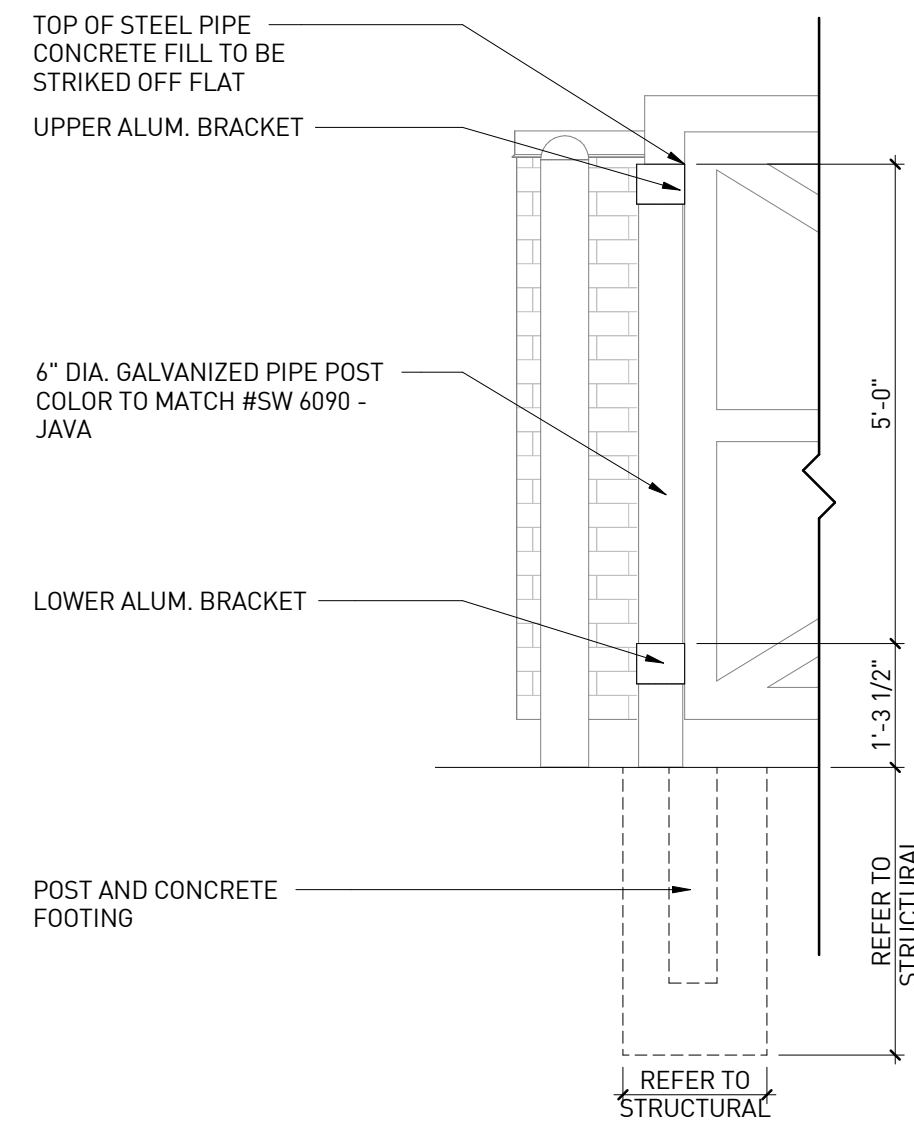
**SITE PLAN**

**SD1.1**

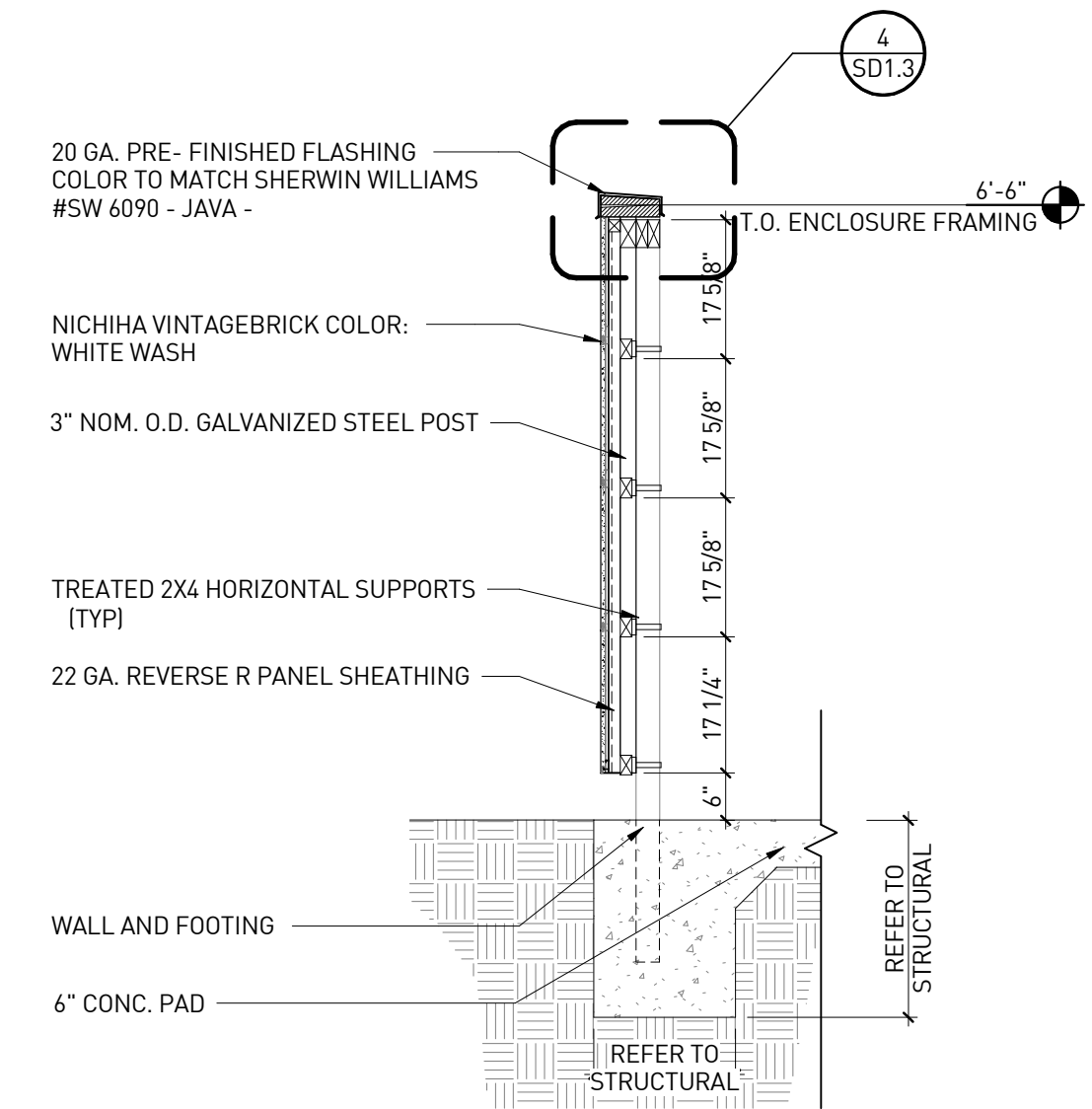




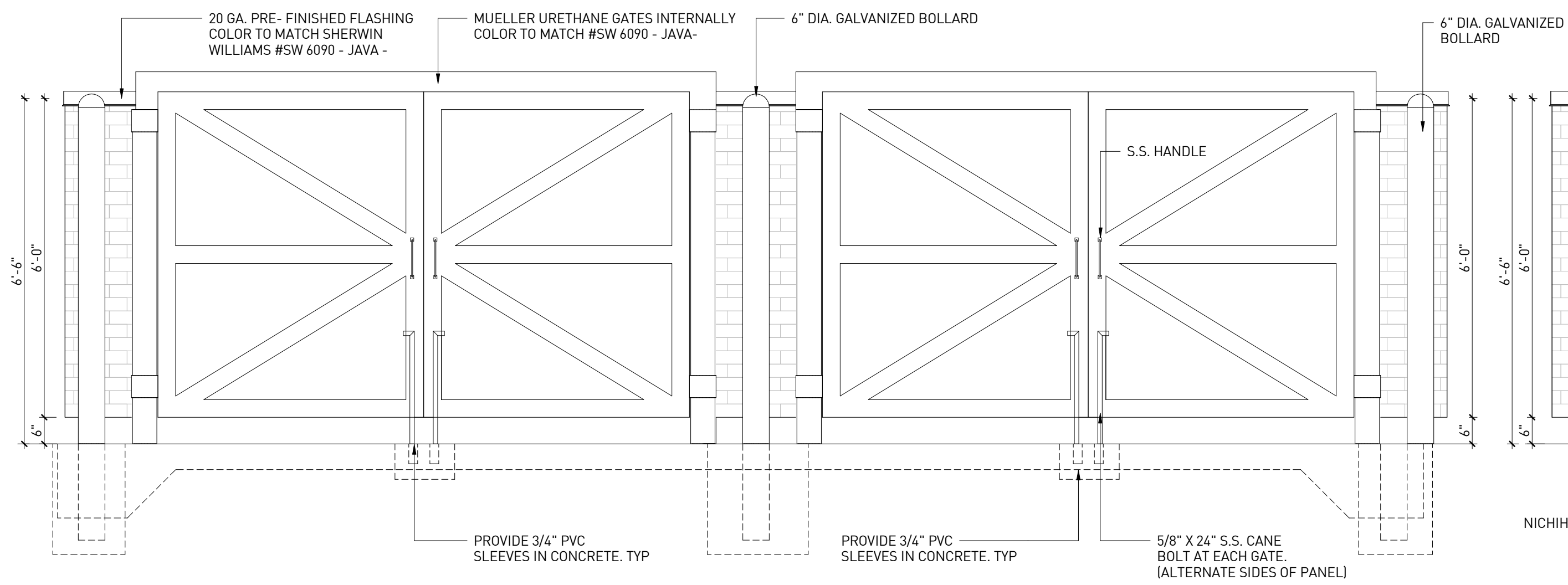
TRASH ENCLOSURE (PLAN) | 9  
1/4" = 1'-0"



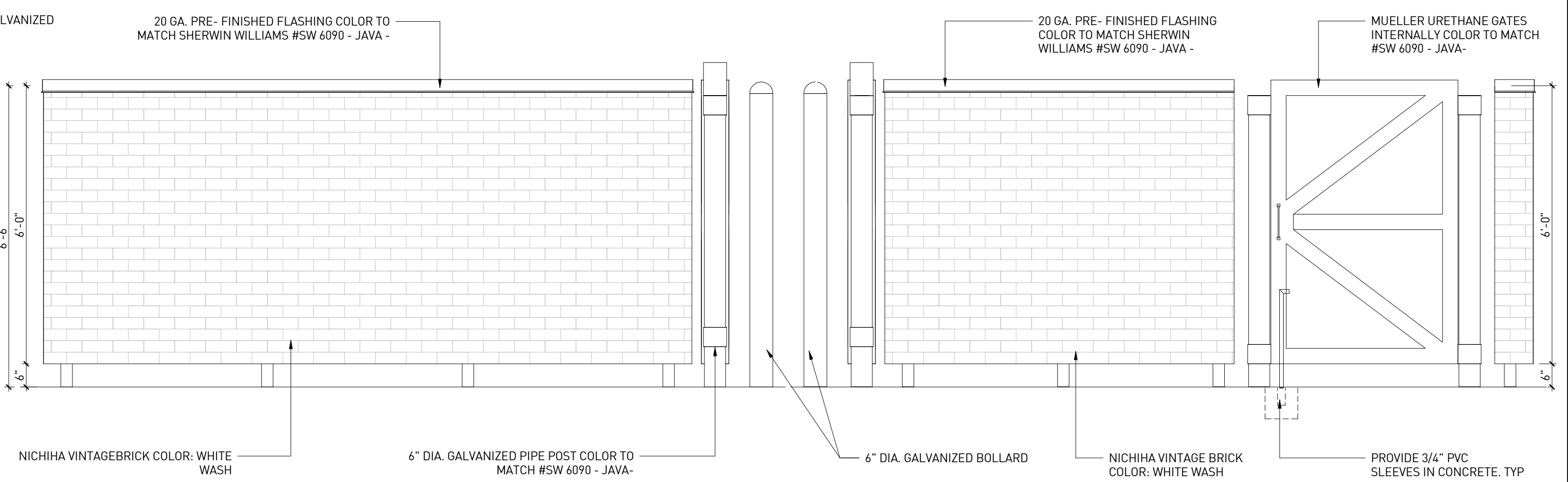
GATE BOLLARD DETAIL | 6  
1/2" = 1'-0"



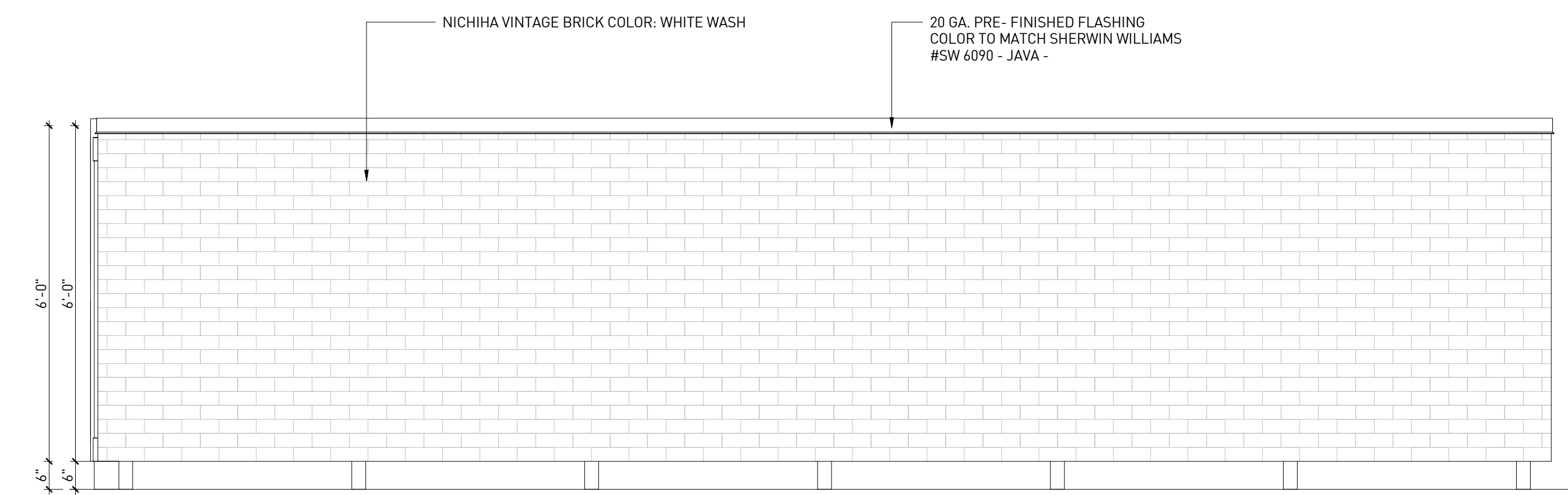
TRASH ENCLOSURE WALL SECTION | 3  
1/2" = 1'-0"



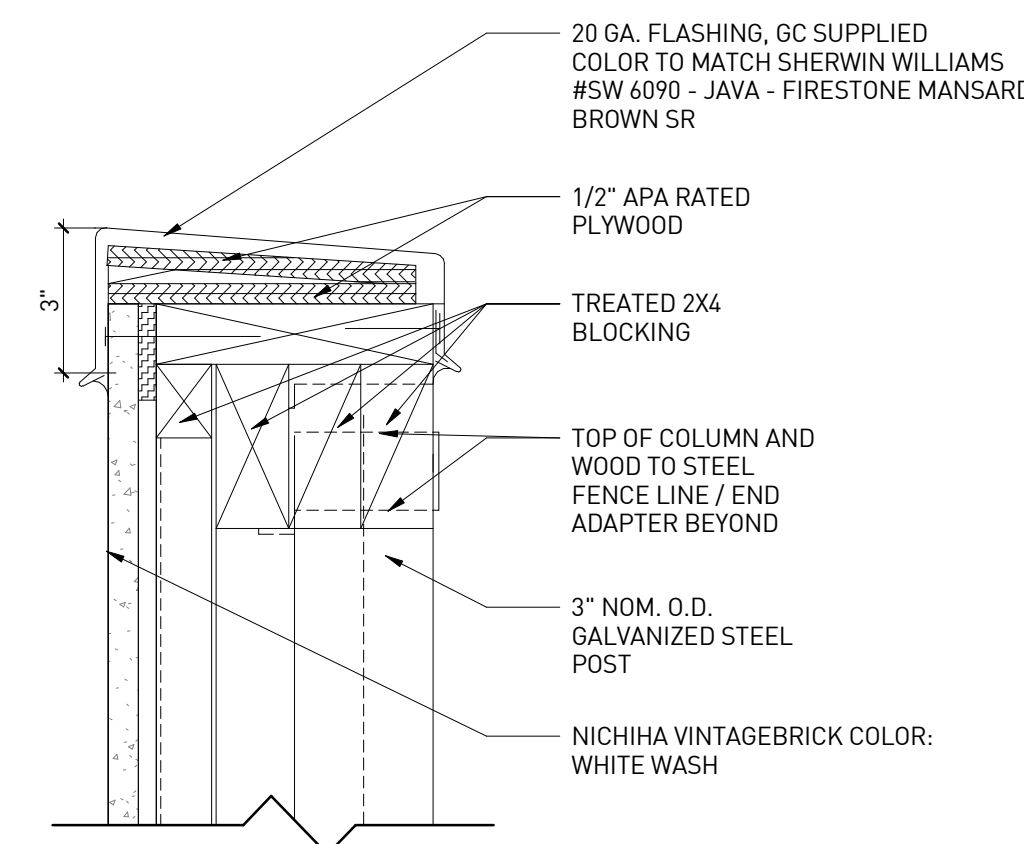
TRASH ENCLOSURE FRONT ELEVATION | 8  
1/2" = 1'-0"



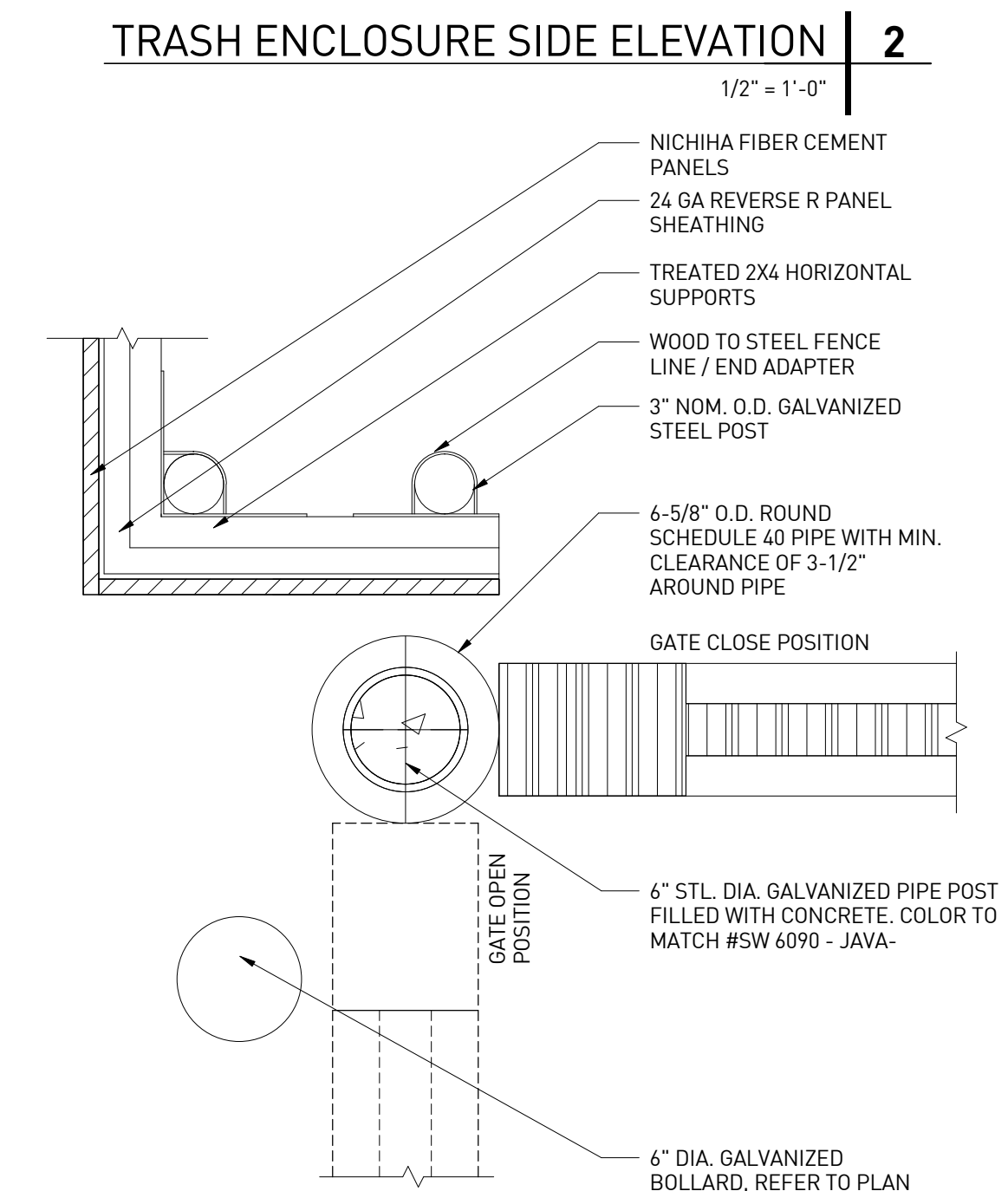
TRASH ENCLOSURE SIDE ELEVATION | 5  
1/2" = 1'-0"



TRASH ENCLOSURE REAR ELEVATION | 7  
1/2" = 1'-0"



DETAIL COPING | 4  
3" = 1'-0"



ENCLOSURE GATE HINGE | 1  
1 1/2" = 1'-0"

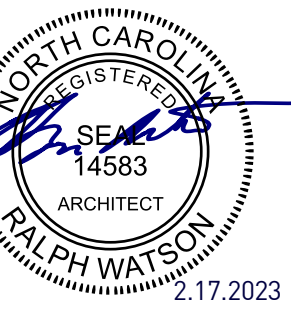
**rdc.**

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**

RW

**PROJECT MANAGER**

RM

**QUALITY CONTROL**

JS

**DRAWN BY**

YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



**CIRCLE K STORE INC.**

**PROJECT NUMBER: 22130**

**SITE DETAILS**

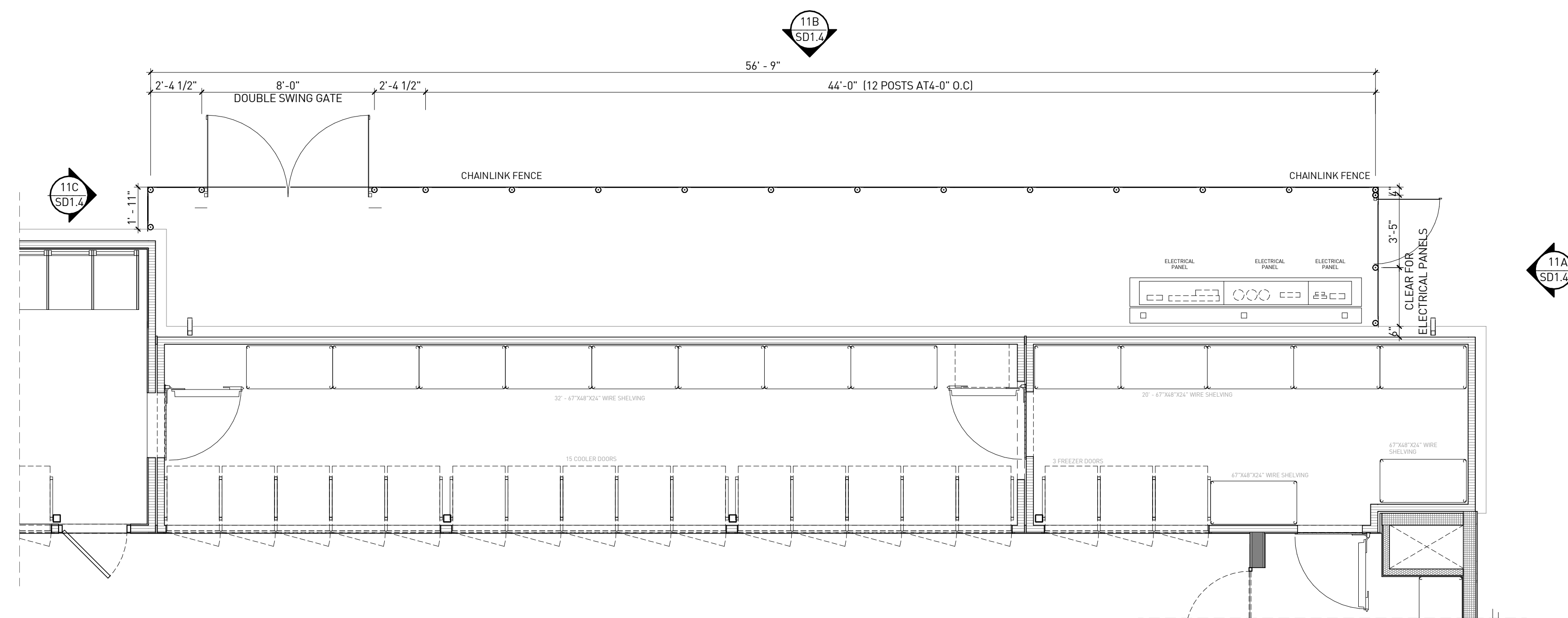
**SD1.3**

## GENERAL NOTES

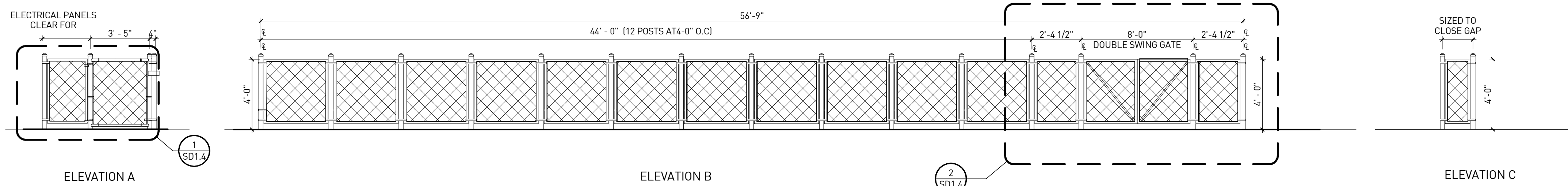
NOTES:

- DESIGN AND SPECIFICATION SUBJECT TO CHANGE.
- STANDARD CHAINLINK FABRIC IS 9 GA. WITH 1.2 OZ. GBW COATING.
- FOOTING AND POSTS PER FENCE MANUFACTURER AND AS REQUIRED BY SITE CONDITIONS & CODES

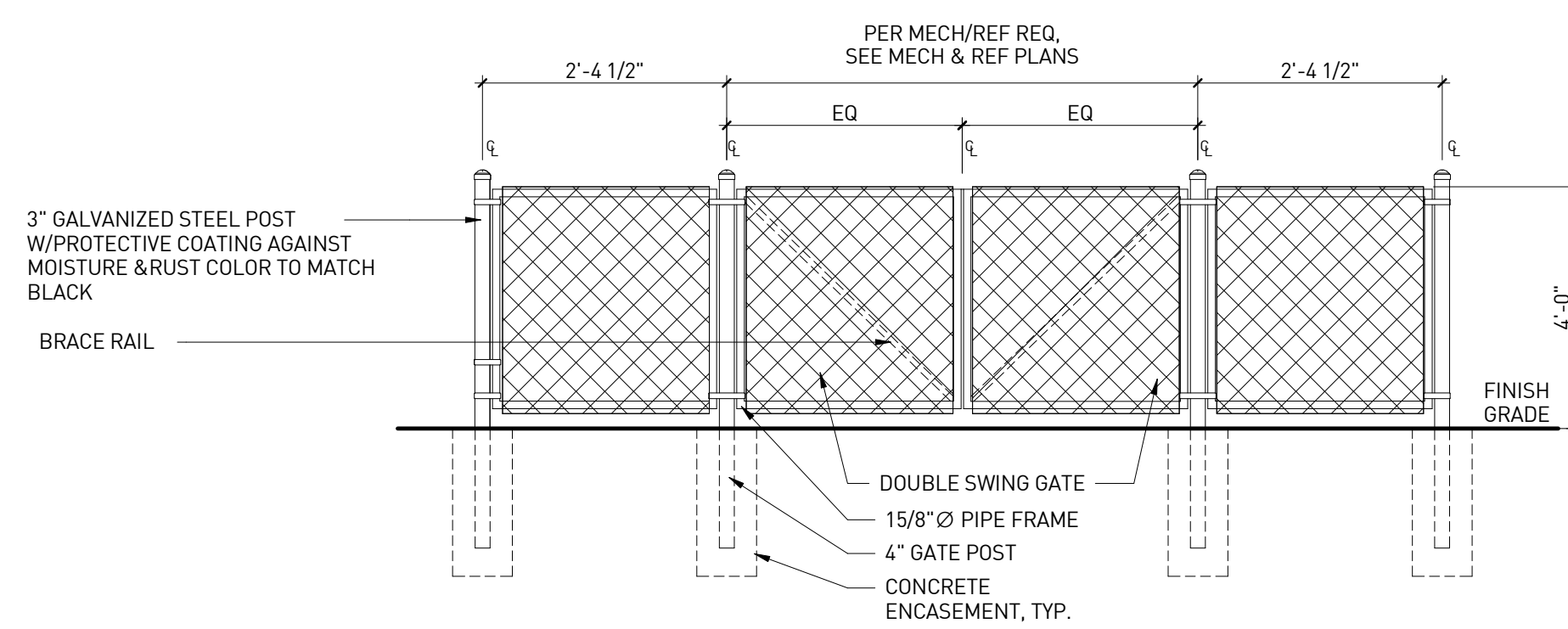
\*DETAIL SHOW PULLED APART TO ILLUSTRATE ELEMENTS



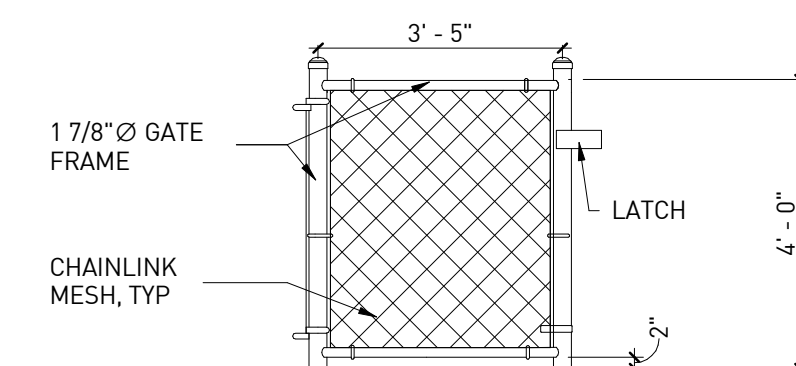
FENCE PLAN | 12  
1/4" = 1'-0"



FENCE ELEVATIONS | 11  
1/4" = 1'-0"



ENLARGED ELEVATION - CHAINLINK FENCE ENCLOSURE AT CONDENSERS | 2  
3/8" = 1'-0"



CHAINLINK GATE DETAIL | 1  
3/8" = 1'-0"

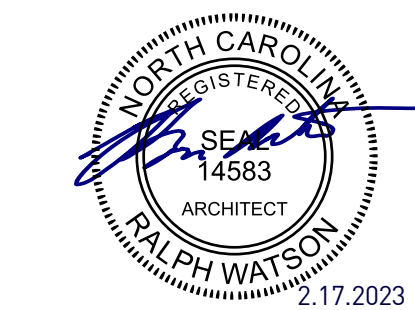
# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

PROFESSIONAL SEAL



REVISIONS

ISSUE	DATE
OTP	02/15/23

PROFESSIONAL IN CHARGE

RW

PROJECT MANAGER

RM

QUALITY CONTROL

JS

DRAWN BY

YN

PROJECT NAME

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTCCYCLE # R1.1 11/21/22



CIRCLE K STORE INC.

PROJECT NUMBER: 22130

SITE DETAILS

SD1.4

**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**

RW

**PROJECT MANAGER**

RM

**QUALITY CONTROL**

JS

**DRAWN BY**

YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

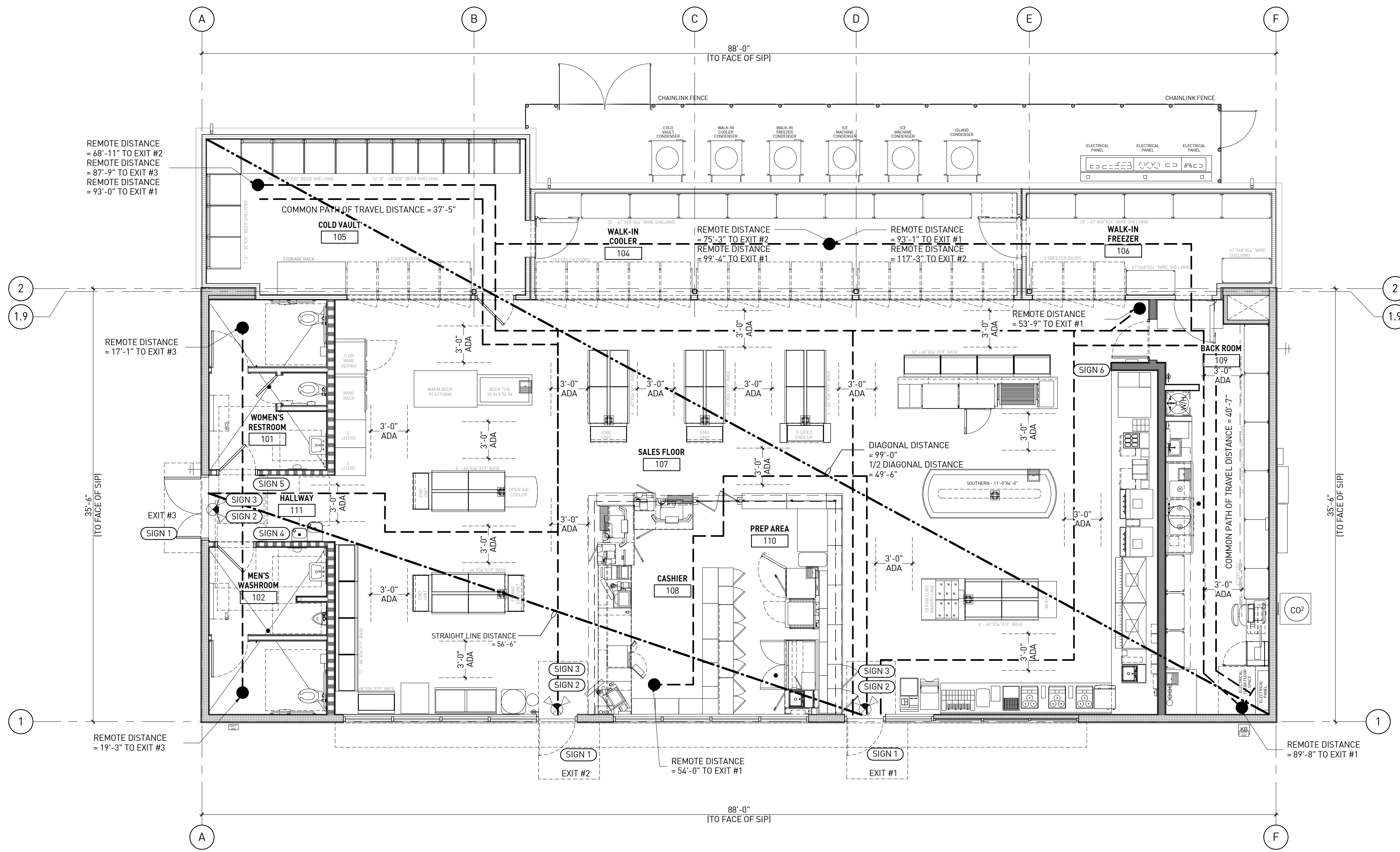


CIRCLE K STORE INC.

PROJECT NUMBER: 22130

**EGRESS / ACCESSIBILITY FLOOR PLAN**

A1.0



**EGRESS / ACCESSIBILITY FLOOR PLAN | 1**  
3/16" = 1'-0"

NOTE:  
• PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, SECTION 308.2, WHERE FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

EXIT REQUIREMENTS (NUMBER AND ARRANGEMENT OF EXITS)		GENERAL NOTES	ACCESSIBILITY SIGNS	ACCESSIBILITY NOTES
TRAVEL DISTANCE	COMMON PATH OF TRAVEL	1. MEANS OF EGRESS SHALL BE ILLUMINATED WITH AT LEAST ONE-FOOT CANDLE AT THE FLOOR LEVEL (WALKING SURFACE). REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. 2. CASHIER COUNTER HEIGHTS ARE 34". REFER TO INTERIOR ELEVATIONS ON SHEET A3.1. PARALLEL APPROACH IS PROVIDED AND COMPLY WITH ANSI 117.1 AND 2010 ADA STANDARDS SECTION 904.4.1 EXCEPTION	SIGN 1 INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN 2 "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED" SIGN 3 TACTILE EXIT SIGN SHALL COMPLY ADA STANDARD SECTION 703.3 AND ANSI A117.1 2009 SIGN 4 MEN RESTROOM SIGN 5 WOMEN RESTROOM SIGN 6 EMPLOYEES ONLY	1. ACCESS TO THESE FACILITIES SHALL BE PROVIDED AT PRIMARY ENTRANCES. 2. THE SLOPE OF PUBLIC WALKS SHALL NOT EXCEED MAX. - GROSS SLOPE 2%. 3. WALKING SURFACE SLOPING GREATER THAN 2% SHALL BE SLIP RESISTANT. 4. PROVIDE A 60"x60" MIN. LANDING ON STRIKE SIDE OF DOOR W/ 44" MIN. WIDTH IN DIRECTION OF TRAVEL. 5. WALKS SHALL EXTEND 18" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK. 6. THE SLOPE OF RAMPS SHALL NOT EXCEED 1'-0" IN 15'-0" U.N.O. 7. RAMPS SHALL HAVE A NON-SLIP SURFACE. 8. RAMPS SHALL BE 48" WIDE MIN. 9. EVERY REQUIRED EXIT DOORWAY SHALL BE SIZED FOR A DOOR NOT LESS THAN 3 FT. WIDE BY NOT LESS THAN 6'-8" HIGH CAPABLE OF OPENING 90° AND MOUNTED SO THAT THE CLEAR WIDTH OF THE EXIT WAY IS 32" MIN. 10. THRESHOLD TO BE A MAX. 1/2" ABOVE ADJACENT FINISH FLOOR. 11. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS. 12. THE BOTTOM OF ALL DOORS WITHIN 10" OF FINISHED FLOOR EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE. 13. PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH - PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. (34" TO 48" A.F.F.) 14. EVERY EXIT DOOR SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. FLUSH OR SURFACE BOLTS SHALL BE AUTOMATIC TYPE. LOCKABLE DOORS SHALL BE PROVIDED WITH A SIGN STATING "THESE DOORS TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED" IN MIN. 1" HIGH LETTERS. 15. EXIT SIGNS WHERE NOTED OR REQUIRED SHALL BE WORDED "EXIT" IN AND LETTERS HAVING THE PRINCIPAL STROKE OF NOT LESS THAN 3/4" WIDE AND 6" HIGH AND SHALL CONFORM TO ALL APPLICABLE CODES.
ALLOWABLE TRAVEL DISTANCE 200 FT PER TABLE 1017.2 - EXIT ACCESS TRAVEL DISTANCE (WITHOUT SPRINKLER) 2018 NORTH CAROLINA STATE BUILDING CODE	COMMON PATH PER NCBC 2018, TABLE 1006.2.1 OF TRAVEL DISTANCE WITHOUT SPRINKLER 75 FT ACTUAL COMMON PATH OF TRAVEL DISTANCE 37'-5" 40'-7"		<b>LEGEND</b> - - - - - ROUTE FROM THE REMOTEST ROOM OR SPACE TO NEAREST EXIT - - - - - DIAGONAL DISTANCE OF THE BUILDING OR AREA - - - - - STRAIGHT LINE DISTANCE BETWEEN EXITS ● MOST REMOTE POINT WITHIN THIS AREA ◑ ILLUMINATED EXIT SIGN ◑ EMERGENCY LIGHT	
MINIMUM NO. OF EXITS REQUIRED 2 2018 NORTH CAROLINA STATE BUILDING CODE, 1007.1.1 PROVIDED 3	ARRANGEMENT MEANS OF EGRESS REQUIRED DISTANCE BETWEEN EXIT DOORS WHERE TWO EXITS OR EXIT ACCESS DOORWAYS ARE REQUIRED FROM ANY PORTION OF THE EXIT ACCESS, THE EXIT DOORS OR EXIT ACCESS DOORWAYS SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED MEASURED IN A STRAIGHT LINE BETWEEN EXIT DOORS OR EXIT ACCESS DOORWAYS. INTERLOCKING OR SCISSOR STAIRS SHALL BE COUNTED AS ONE EXIT STAIRWAY PER 2018 NORTH CAROLINA STATE BUILDING CODE, 1007.1.1 EXCEPTION: WHERE A BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2, THE SEPARATION DISTANCE OF THE EXIT DOORS OR EXIT ACCESS DOORWAYS SHALL NOT BE LESS THAN ONE-THIRD OF THE LENGTH OF THE MAXIMUM OVERALL DIMENSION OF THE AREA SERVED. WHERE TWO EXITS, EXIT ACCESSSES, OR EXIT DISCHARGES ARE REQUIRED, THEY SHALL BE LOCATED AT A DISTANCE FROM ONE ANOTHER NOT LESS THAN ONE-HALF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED, MEASURED IN A STRAIGHT LINE BETWEEN THE NEAREST EDGE OF THE EXITS, EXIT ACCESSSES, OR EXIT DISCHARGES UNLESS PROVIDED IN 7.5.1.3.3 (N/A) THROUGH 7.5.1.3.5 (N/A)	16. PROVIDE ILLUMINATED EXIT SIGNS AND EMERGENCY LIGHTING AT ALL EXIT CORRIDORS AS REQUIRED BY CODE. EMERGENCY LIGHTING SHALL PROVIDE ILLUMINATION OF ONE FOOT CANDLE AT FLOOR LEVEL. 17. POST INTERNATIONAL SYMBOL OF ACCESSIBILITY ON OR ADJACENT TO ALL ACCESSIBLE BUILDING ENTRANCES. LOCATION AS INDICATED BY OWNER. 18. DESIGNATED SEATING SHALL BE ACCESSIBLE IN ACCORDANCE WITH SECTION 902 OF ANSI 117.1 2009. 19. WORK SURFACES AT SYSTEMS AND FURNITURE FURNISHED AND INSTALLED BY CIRCLE K STORES INC. SHALL BE IN COMPLIANCE WITH SECTION 902 OF ANSI 117.1 2009. 20. SALES AND SERVICE COUNTERS. CUSTOMER SERVICE COUNTERS SHALL BE IN COMPLIANCE WITH SECTION 904.3.1 AND 904.3.2 OF ANSI 117.1 2009 AND 2010 ADA STANDARD SECTION 904.4. 21. CHECK OUT COUNTERS SHALL BE IN COMPLIANCE WITH SECTION 904.4 OF ANSI 117.1 2009. 22. FOOD SERVICE COUNTERS AND CONDIMENT STATIONS SHALL BE IN COMPLIANCE WITH SECTION 904.4 OF ANSI 117.1 2009.		

**COPYRIGHT NOTICE**

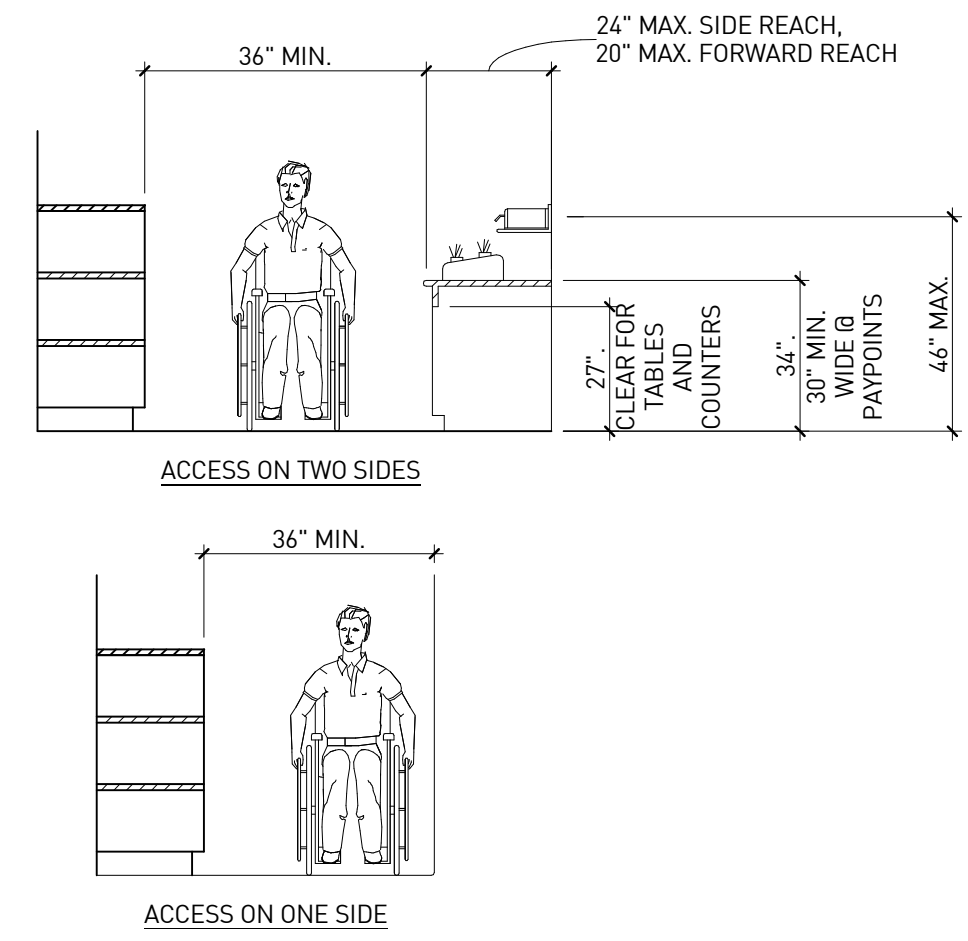
This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**

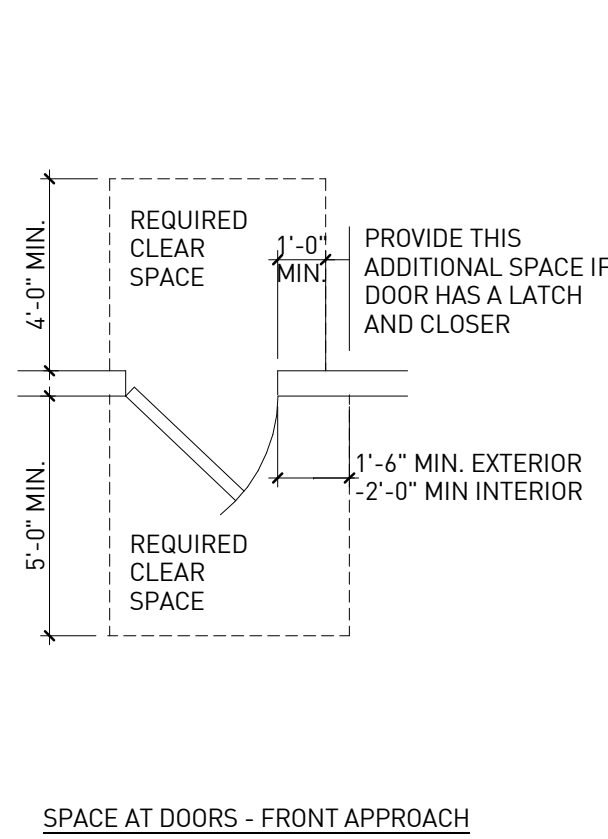


**REVISIONS**

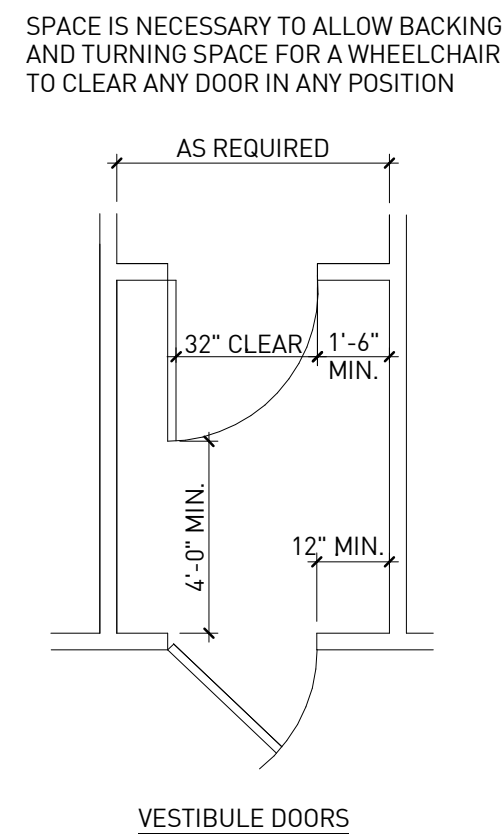
ISSUE	DATE
OTP	02/15/23



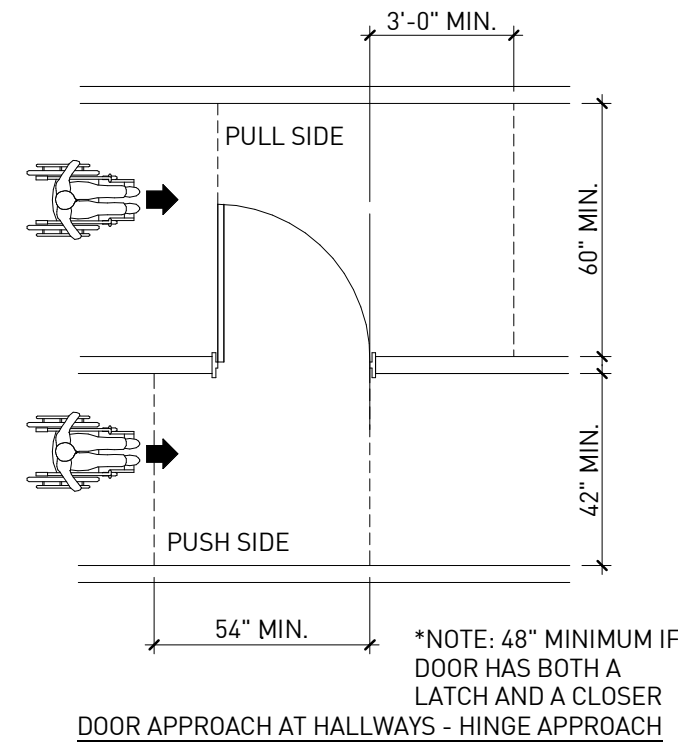
**AISLES | K1**  
N.T.S.



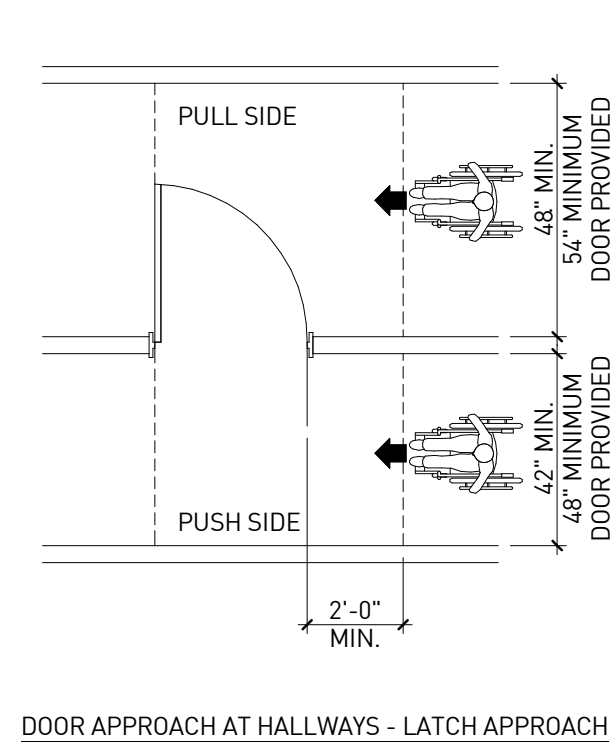
SPACE AT DOORS - FRONT APPROACH



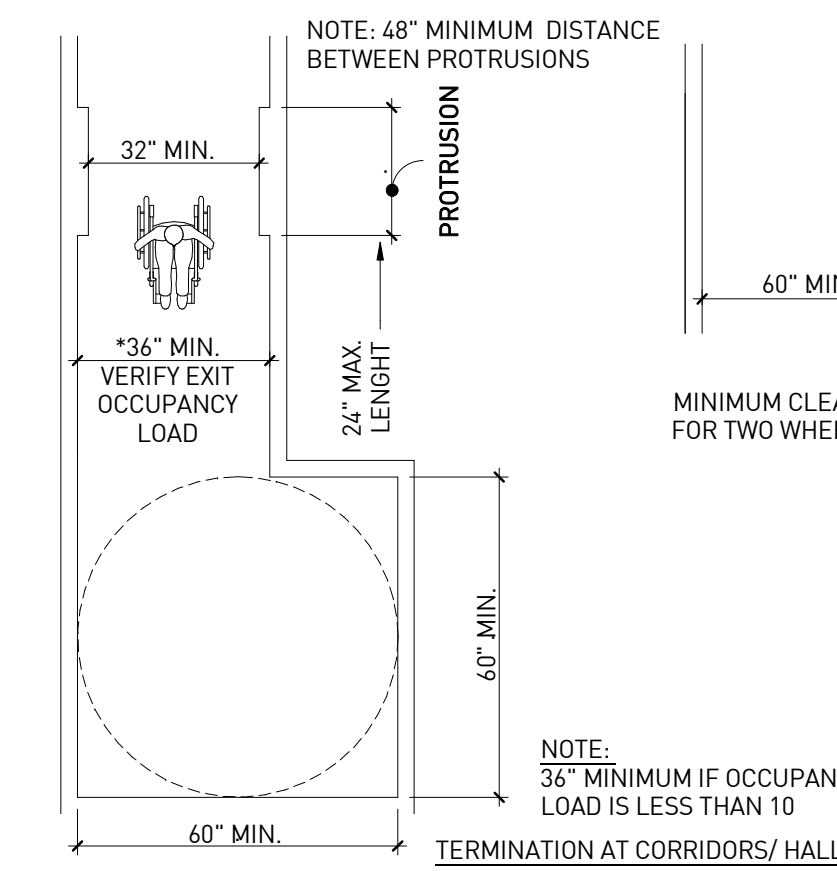
VESTIBULE DOORS



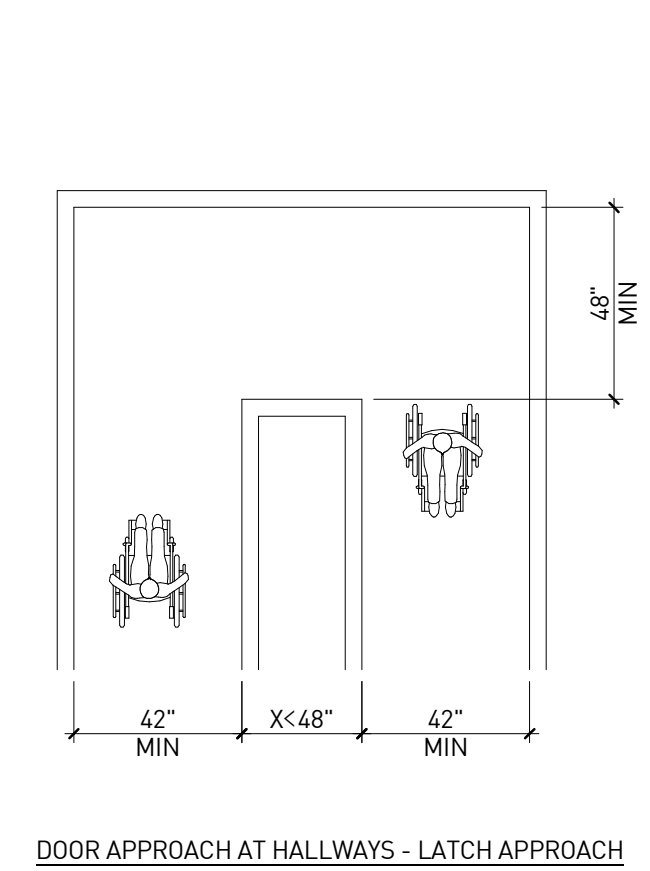
DOOR APPROACH AT HALLWAYS - HINGE APPROACH



DOOR APPROACH AT HALLWAYS - LATCH APPROACH

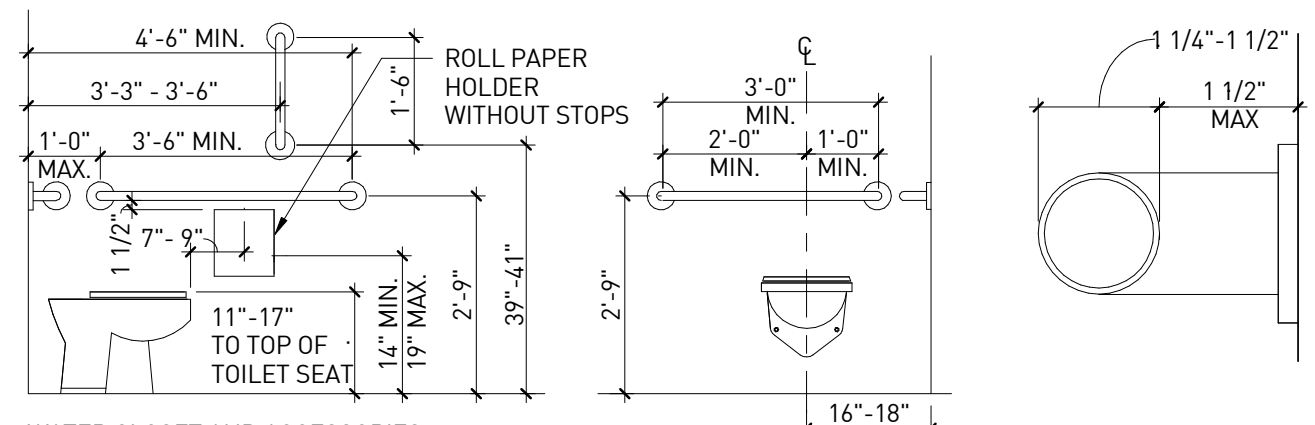


TERMINATION AT CORRIDORS/HALL



DOOR APPROACH AT HALLWAYS - LATCH APPROACH

**DOOR OPENINGS & CORRIDORS/HALLS | K3**  
N.T.S.

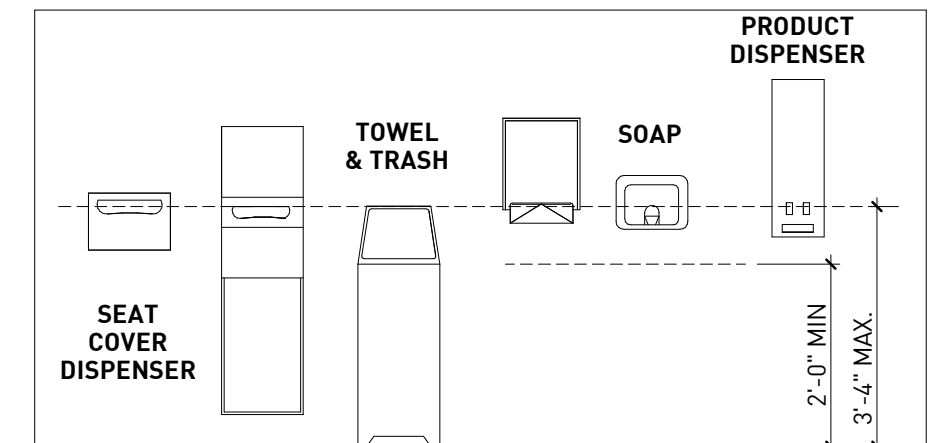


WATER CLOSET AND ACCESSORIES:

- THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17" AND A MAXIMUM OF 19" MEASURED TO THE TOP OF A MAXIMUM 2" HIGH TOILET SEAT, EXCEPT THAT 3" SEATS SHALL BE PERMITTED ONLY IN ALTERATIONS WHERE THE EXISTING FIXTURE IS LESS THAN 15" HIGH.
- THE CONTROLS FOR WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS. AUTOMATIC SPRING TO LIFTED POSITION SEATS ARE NOT ALLOWED.
- THE FORCE REQUIRED TO ACTIVATE WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE NO GREATER THAN 5 LBS. ELECTRONIC OR AUTOMATIC FLUSHING CONTROLS ARE ACCEPTABLE AND PREFERABLE.
- WHERE TOWEL, SANITARY NAPKINS, WASTE RECEPTACLES, DISPENSERS, OR OTHER EQUIPMENT AND CONTROLS ARE PROVIDED, PROVIDE AT LEAST ONE OF EACH TYPE SHALL BE ON AN ACCESSIBLE ROUTE, WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40" FROM THE FINISHED FLOOR.
- THE TOILET TISSUE DISPENSERS SHALL BE LOCATED ON THE WALL WITHIN 7'-9" OF THE FRONT EDGE OF THE TOILET SEAT, MOUNTED BELOW THE GRAB BAR AT A MINIMUM HEIGHT OF 15", AND 48" MAXIMUM AFF. DISPENSERS THAT CONTROL DELIVERY OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED.

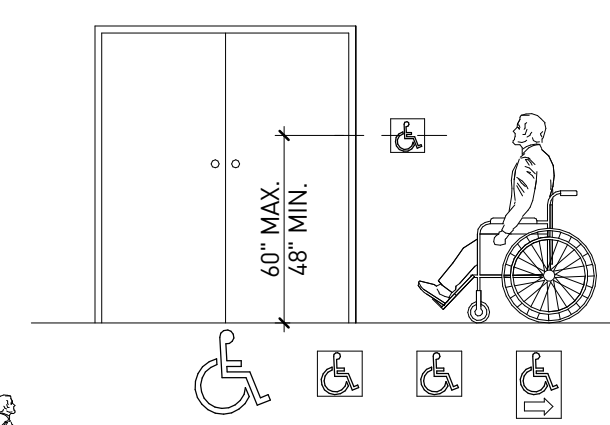
**GRAB BARS:**

- THE REAR GRAB BARS SHALL BE 36" LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12" MINIMUM ON ONE SIDE AND 24" MINIMUM ON THE OTHER SIDE. THE REAR GRAB BAR SHALL BE SECURELY ATTACHED AND CENTERED 33" ABOVE AND PARALLEL TO THE FLOOR, EXCEPT THAT WHERE A TANK-TYPE TOILET IS USED, WHICH OBSTRUCTS PLACEMENT AT 33", THE BAR MAY BE AS HIGH AS 36", WITH A 1-1/2" MINIMUM BETWEEN THE BAR AND TOP OF THE TANK.
- THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1-1/4" TO 2", OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1-1/2".
- THE STRUCTURAL STRENGTH OF THE GRAB BARS, FASTENERS, AND MOUNTING DEVICES SHALL MEET THE FOLLOWING SPECIFICATIONS:
  - A. BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.
  - B. SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT, AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESS SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.
  - C. SHEAR FORCE INDUCED IN FASTENERS OR MOUNTING DEVICES FROM THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHICHEVER HAS THE SMALLER ALLOWABLE LOAD.
  - D. TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF A 250-LB LOAD SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND SUPPORTING STRUCTURE.
  - E. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
- THE GRAB BARS AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".

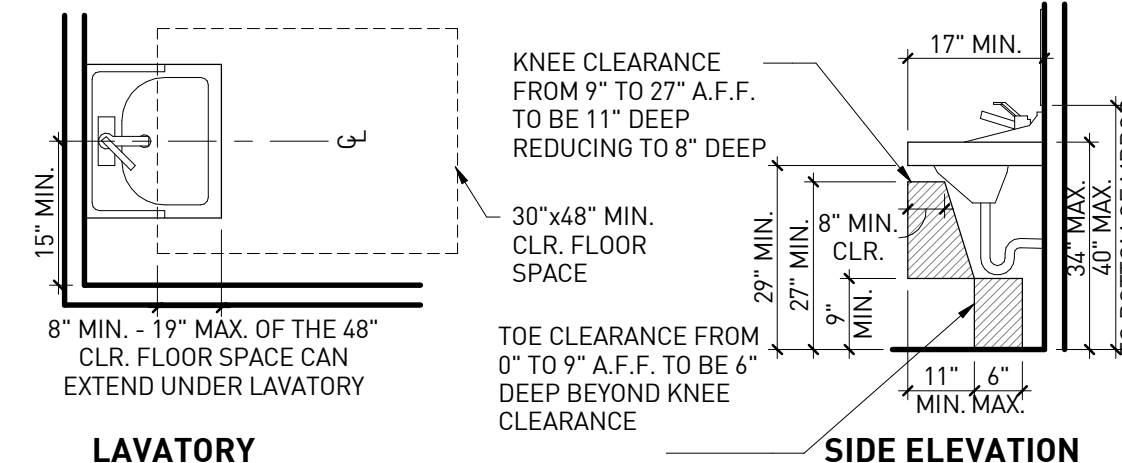


**GENERAL NOTES**

- ACCESSIBILITY STANDARDS MAY VARY SLIGHTLY FROM THOSE SHOWN HERE ACCORDING TO THE REFERENCED STANDARDS OF THE APPLICABLE CODES, (ANSI A117.1 (I.B.C.), THE YEAR OF THE CODE ADOPTED AT THE TIME OF THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY, THE LOCAL JURISDICTION REQUIREMENTS, THE CODE ITSELF AS STATED (TITLE 24 OF THE C.B.C., B.O.C.A. OR THE I.B.C.), THE REQUIREMENTS OF AN ADOPTED STATE LAW OR A PRECEDENT PREVIOUSLY SET FOR COMPLIANCE BY THE JUSTICE DEPARTMENT (I.A.D.A.).
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INFORM THE ARCHITECT AND/OR THE CIVIL ENGINEER OF ANY DISCREPANCIES, SUBTLE OR OTHERWISE, FROM WHAT IS SHOWN HERE AND THE APPLICABLE CODE/LAW/ORDINANCE.
- THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AID FOR BUILDING AND CONSTRUCTION.



**ENTRY AND DIRECTIONAL SIGNS | G5**  
N.T.S.

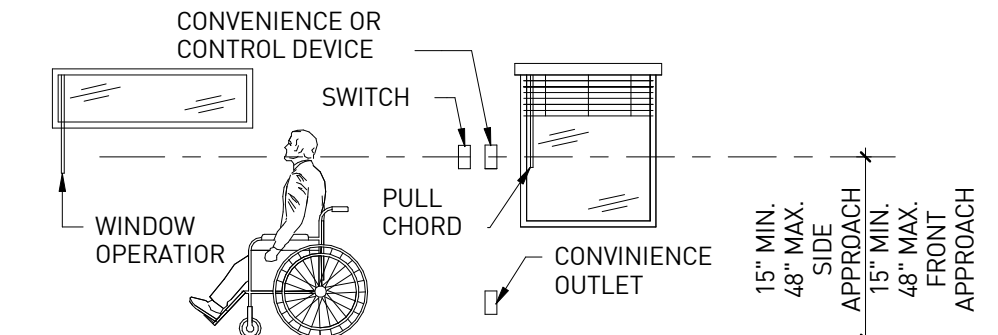


LAVATORY

**LAVATORY NOTES:**

- PROVIDE A CLEAR SPACE 30" X 48" MIN. IN FRONT OF THE LAVATORY. THE CLEAR SPACE MAY EXTEND INTO KNEE AND TOE SPACE UNDER LAVATORY.
- INSULATE OR CONFIGURE HOT WATER SUPPLY AND DRAIN PIPING UNDER LAVATORIES TO PREVENT CONTACT.
- NO SHARP OR ABRASIVE ELEMENTS ARE ALLOWED UNDER LAVATORIES.
- FAUCETS CONTROLS AND OPERATING MECHANISMS ARE REQUIRED TO BE OPERABLE WITH ONE HAND AND CANNOT REQUIRE GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS IS NOT TO EXCEED 5 LBS. LEVER OPERATED, PUSH-TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGN.
- SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

**LAVATORIES | G7**  
N.T.S.

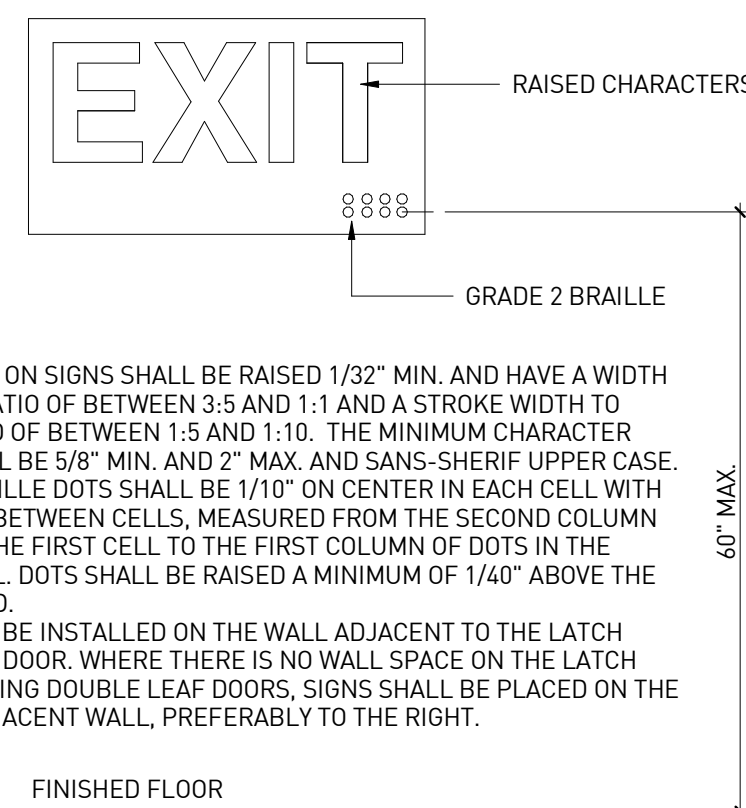


CONTROLS, SWITCHES AND OUTLETS

**NOTES:**

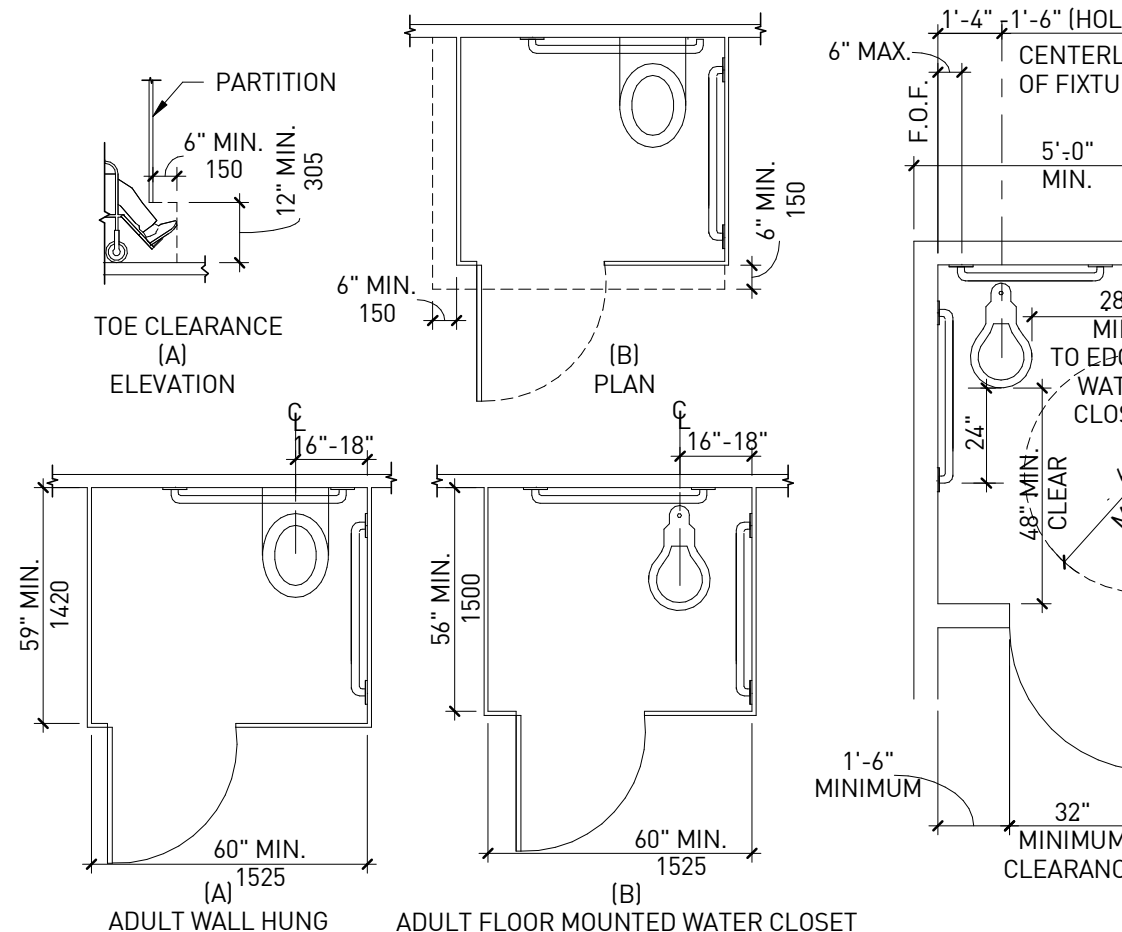
- THE HIGHEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION MEETING THE CLEARANCES AND REACH RANGE REQUIREMENTS.
- CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES, OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM.
- ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING NO LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM.
- EXISTING BUILDING MUST MEET SAME REQUIREMENTS AS NEW CONSTRUCTION UNLESS AN UNREASONABLE HARDSHIP IS GRANTED BY THE ENFORCING AGENCY.

**CONTROLS AND OPERATING MECHANISMS | G13**  
N.T.S.



FINISHED FLOOR

**EXIT TACTILE SIGN | D5**  
N.T.S.

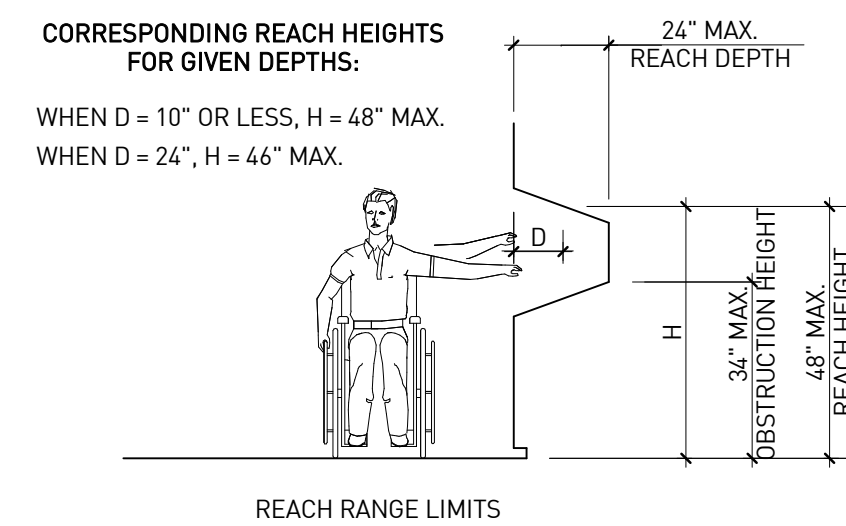


WHEELCHAIR ACCESSIBLE COMPARTMENT

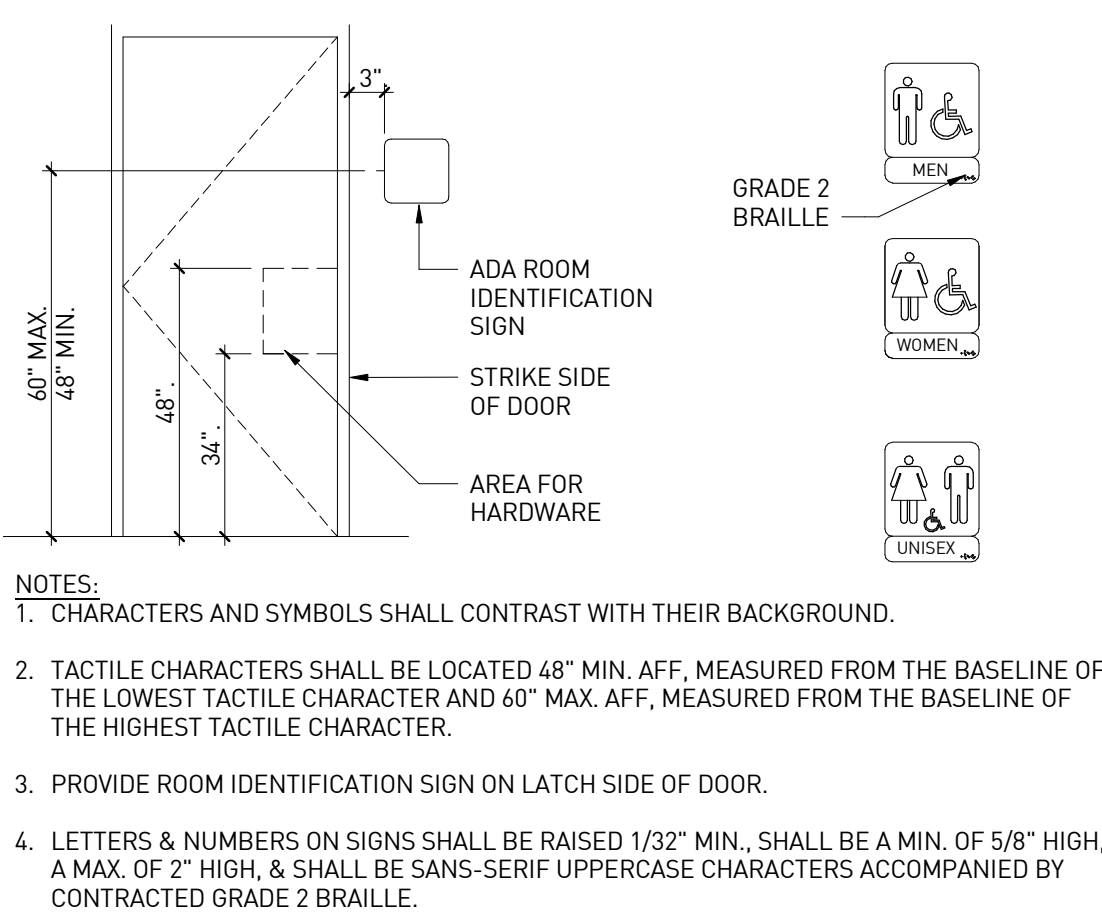
NOTE: SIDE TRANSFER MAY VARY DEPENDING ON STATE

**COMPARTMENTS/TOE CLEARANCE | D7**  
1/4" = 1'-0"

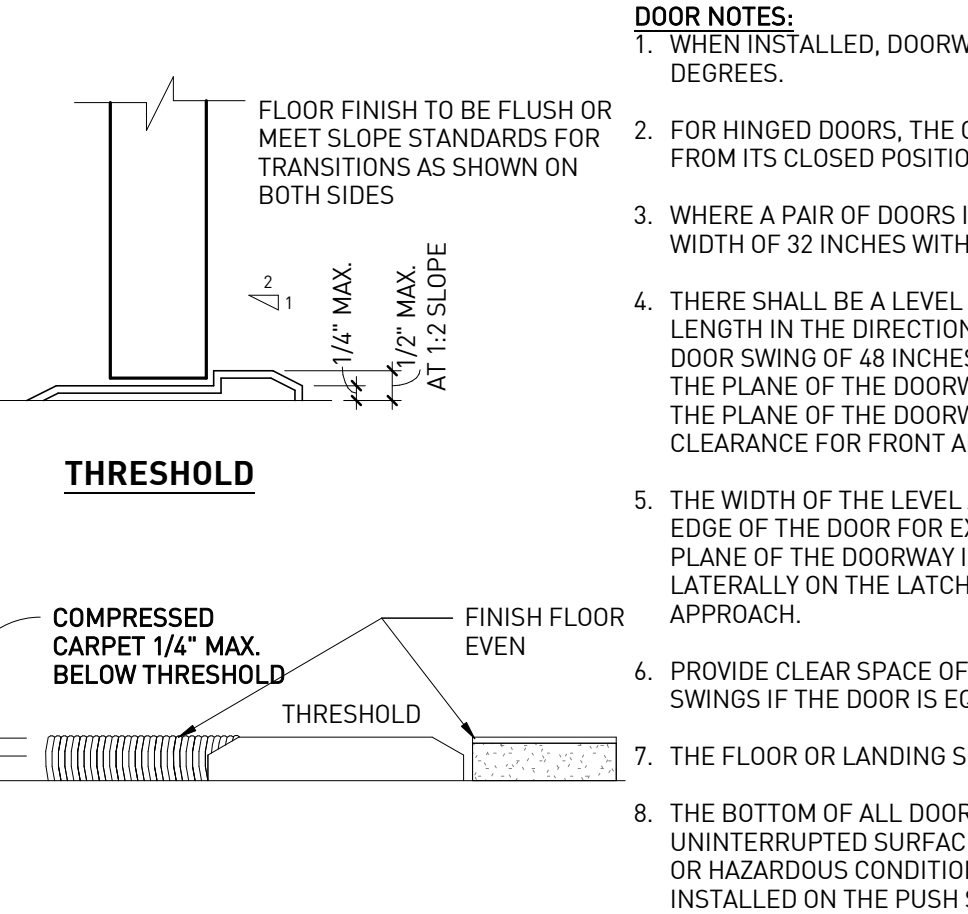
**WATER CLOSET AND TOILET ACCESSORIES NOTES AND INFORMATION | D1**  
3/8" = 1'-0"



**REACH RANGES | A1**  
N.T.S.



**RESTROOM SIGNS | A3**  
N.T.S.



**THRESHOLD**

**DOOR NOTES:**

- WHEN INSTALLED, DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES WITH THE DOOR OPEN 90 DEGREES.
- FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60 INCHES AND THE LENGTH OPPOSITE THE DIRECTION OF THE DOOR SWING OF 48 INCHES AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN THE CLOSED POSITION, WHERE THE PLANE OF THE DOORWAY IS OFFSET OR LOCATED IN AN ALCOVE A DISTANCE MORE THAN 8 INCHES MEASURED FROM THE PLANE OF THE DOORWAY TO THE FACE OF THE WALL, THE DOOR SHALL BE PROVIDED WITH 60 INCHES MANEUVERING CLEARANCE FOR FRONT APPROACH.
- THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24 INCHES PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18 INCHES PAST THE STRIKE EDGE FOR INTERIOR DOORS, WHERE THE PLANE OF THE DOORWAY IS OFFSET 8 OR MORE INCHES FROM ANY OBSTRUCTION WITHIN 18 INCHES MEASURED LATERALLY ON THE LATCH SIDE, THE DOOR SHALL BE PROVIDED WITH MANEUVERING CLEARANCE FOR FRONT APPROACH.
- PROVIDE CLEAR SPACE OF 12 INCHES PAST STRIKE EDGE OF THE DOOR ON THE OPPOSITE SIDE TO WHICH THE DOOR SWINGS IF THE DOOR IS EQUIPPED WITH BOTH A LATCH AND A CLOSER.
- THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2 INCH LOWER THAN THE THRESHOLD OF THE DOORWAY.
- THE BOTTOM OF ALL DOORS WITHIN 10" ABOVE FINISH FLOOR EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAME DOORS ARE USED, A 10 INCH HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.

**DOOR HARDWARE NOTES:**

- DOOR HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. MANUALLY OPERATED BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION.
- LATCHING AND LOCKING DEVICES THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30 INCHES AND 44 INCHES ABOVE THE FLOOR.
- WHEN AN AUTOMATIC OR POWER ASSISTED DOOR OPERATOR IS UTILIZED TO OPERATE A PAIR OF DOORS, AT LEAST ONE OF THE DOORS SHALL BE CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. AUTOMATIC DOORS SHALL COMPLY WITH BHMA A156.10 OR BHMA A156.19.
  - EFFORT TO OPERATE DOOR**
  - 1. THE MAXIMUM FORCE REQUIRED TO PUSH OR PULL OPEN A DOOR SHALL COMPLY WITH THE FOLLOWING:
    - A. PUSH OR PULL FORCE FOR A HINGED DOOR SHALL BE MEASURED PERPENDICULAR TO THE DOOR FACE AT THE DOOR OPENING HARDWARE OR 30 INCHES FROM THE HINGED SIDE, WHICHEVER IS FARTHER FROM THE HINGE.
    - B. PUSH OR PULL FORCE FOR A SLIDING DOOR OR FOLDING DOOR SHALL BE MEASURED PARALLEL TO THE DOOR AT THE DOOR PULL OR LATCH.
  - C. DOORS AND GATE OPENING FORCE PER 2010 ADA SECTION 404.2.9 FIRE DOORS SHALL HAVE A MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:
    - 1) INTERIOR HINGED DOORS AND GATES: 5 POUNDS (22.2N) MAXIMUM.
    - 2) SLIDING OR FOLDING DOORS: 5 POUNDS (22.2N) MAXIMUM.
  - D. CLOSING SPEED - DOOR AND GATE CLOSING SHALL COMPLY WITH SECTION 404.2.8 AS FOLLOWS:
    - 1) DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
    - 2) DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM.

**DOORS | A5**  
N.T.S.

**PROFESSIONAL IN CHARGE**

RW

**PROJECT MANAGER**

RM

**QUALITY CONTROL**

JS

**DRAWN BY**

YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

**PROTOCOL # R1.1 11/21/22**

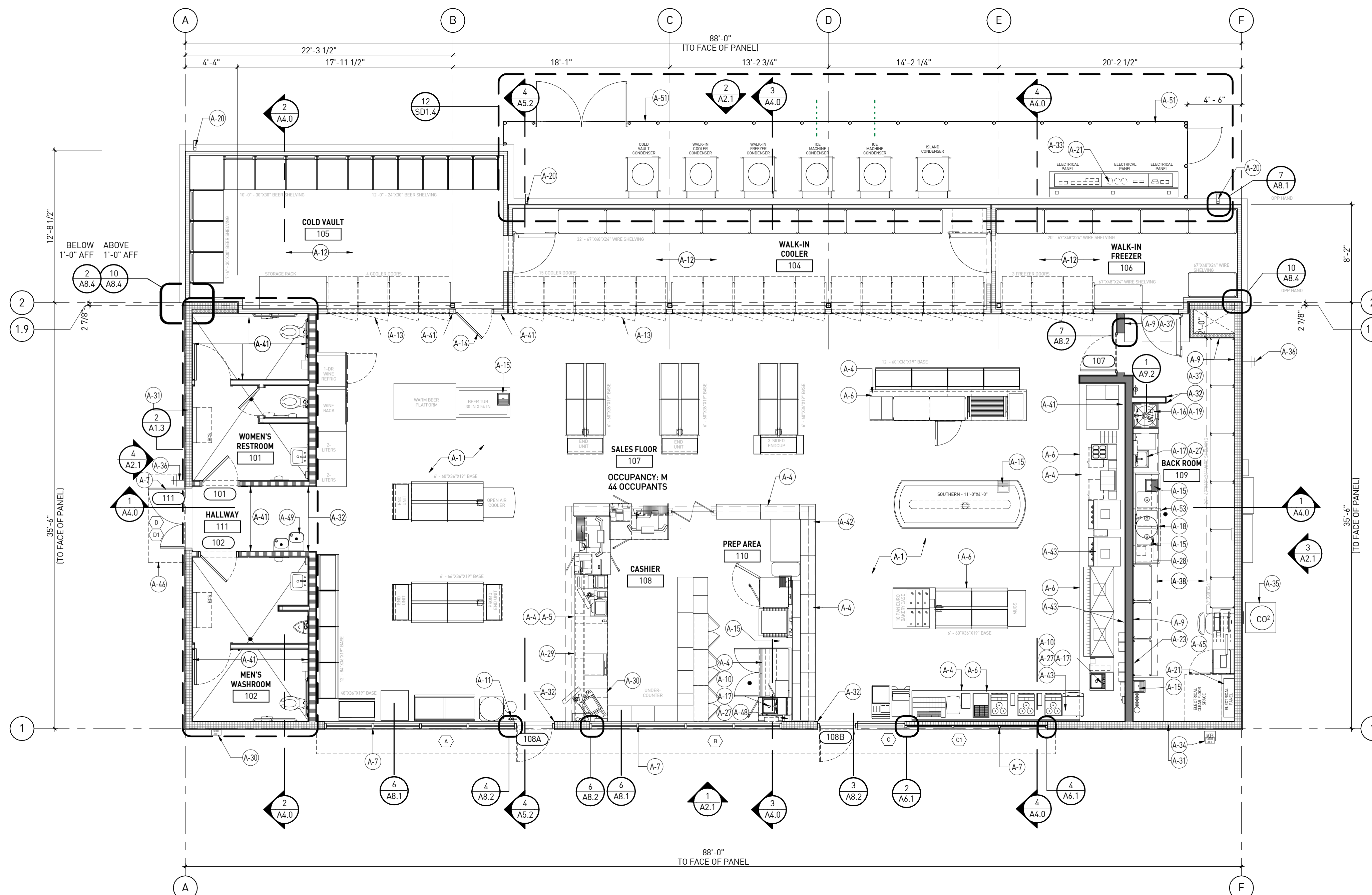


**CIRCLE K STORE INC.**

**PROJECT NUMBER: 22130**

**ACCESSIBILITY STANDARDS, NOTES/DETAILS**

**A1.1**



FLOOR PLAN | 1  
3/16" = 1'-0"

### KEY NOTES

NUMBER	DESCRIPTION
A-1	CONCRETE SLAB WITH MINIMUM 15ML CLASS A VAPOR BARRIER LAPPED A MINIMUM OF 6" & TAPED PER MANUFACTURER'S SPECIFICATIONS, SEE STRUCTURAL.
A-4	CUSTOM CASEWORK SUPPLIED BY CIRCLE K, INSTALLED BY OTHERS
A-5	SALES COUNTER, SEE SHEET A1.4 FOR EQUIPMENT.
A-6	SOLID SURFACE COUNTER TOP SUPPLIED BY CIRCLE K, INSTALLED BY OTHERS
A-7	ALUMINUM STOREFRONT SYSTEM, SEE SHEET A6.0 FOR DOOR & WINDOW SCHEDULES
A-9	PEBBLE SURFACE MARLITE F.R.P. PANELING TO 4" ABOVE FINISH CEILING, P-100 WHITE, OR EQUAL, SEE SHT. A3.2.
A-10	PROVIDE INTEGRAL SPLASH GUARD AT HAND SINK ON BOTH SIDES
A-11	5 LB. 2A-10BC FIRE EXTINGUISHER, SURFACE MOUNTED AT 48" A.F.F., PROVIDE HOODING AS REQUIRED
A-12	COOLER/FREEZER PROVIDED BY CIRCLE K AND INSTALLED BY REFRIGERATION VENDOR. GENERAL CONTRACTOR RESPONSIBLE FOR ELECTRICAL AND PLUMBING CONNECTIONS.
A-13	COOLER REACH-IN DOOR, SUPPLIED/INSTALLED BY COOLER/FREEZER MANUFACTURER
A-14	COLD VAULT DOOR, SUPPLIED/INSTALLED BY COOLER/FREEZER BY MANUFACTURER
A-15	FLOOR SINK ACCESSIBLE FOR CLEANING, SEE PLUMBING DRAWING
A-16	MOP SINK WITH FAUCET, SEE PLUMBING DRAWING FOR SPECIFIC INFORMATION (G.C. TO ADD 24" LONG GARDEN HOSE FOR MOP SINK FAUCET).
A-17	HAND SINK, SEE PLUMBING DRAWINGS FOR SPECIFIC INFORMATION
A-18	3-COMPARTMENT SINK, SEE PLUMBING DRAWINGS FOR SPECIFIC INFORMATION
A-19	50 GALLON WATER HEATER ON SHELF ABOVE, SEE PLUMBING AND ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION
A-20	LEADER BOX DRAIN, SEE PLUMBING AND CIVIL DRAWINGS, ROOF PLAN SHEET A1.7 AND DETAIL 9/A8.3.
A-21	LOCATION OF ELECTRICAL PANELS, SEE ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION
A-23	PROPOSED LOCATION OF FIRE SPRINKLER RISER. MAINTAIN MIN. 36" CLEARANCE PER FIRE CODE.
A-27	PROVIDE SIGN ABOVE HAND SINK "EMPLOYEE MUST WASH HANDS BEFORE RETURNING TO WORK"
A-28	IN-STORE PORTABLE GREASE INTERCEPTOR TO BE CLEANED OUT MONTHLY. REFER TO A1.4 SHEET FOR LOCATION. SEE MECHANICAL AND CIVIL FOR MORE INFORMATION.
A-29	3/4" HIGH ACCESSIBLE COUNTERTOP
A-30	FUEL EMERGENCY SHUT-OFF SWITCH WITH COVER, PROPOSED LOCATION WHEN REQUIRED. SEE FUEL PLAN.
A-31	STRUCTURAL INSULATED PANELS(SIP) WALL, SEE DETAIL 8/A8.1, SIP SHEETS, STRUCTURAL, BUILDING SECTIONS AND EXTERIOR ELEVATIONS.
A-32	2" STAINLESS STEEL CORNER GUARDS TO 54" A.F.F.
A-33	4" CONC. CURB AT ELECTRICAL PANELS
A-34	FDC PROPOSED LOCATION WHEN CITY REQUIRED.
A-35	CO2 TANK AT EXTERIOR WITH STORAGE TANK CABINET. SEE DET. 2/A9.1 FOR REQUIRED SIGNS.
A-36	HOSE BIBB, SEE PLUMBING DRAWINGS
A-37	FRP PANELING, SEE LEGEND AND SHT. A3.2.
A-38	STORAGE LOFT, SEE INTERIOR ELEVATIONS FOR HEIGHT, SEE DETAIL 4/A9.2 OR ALTERNATE LOFT DETAIL 12/A9.2.
A-41	PORCELAIN TILE FINISH, SEE SHTS A3.1 & A3.3
A-42	LINE OF SOFFIT ABOVE
A-43	PROVIDE HUB DRAIN AND ROUTE DRAIN TO NEAREST FLOOR SINK, SEE PLUMBING DRAWINGS
A-45	G.C. TO PROVIDE METAL KEY STORAGE BOX FROM BRAINGER MFR. LINE OF ALUMINUM AWNING WITH SUPPORT RODS BY CIRCLE K VENDOR. PROVIDE BLOCKING AT INTERIOR WALL FOR AWNING AND SUPPORTS. GC PROVIDE WATERTIGHT SEAL/FLASHING AT ALL WALL OPENINGS AND ATTACHMENT CONNECTIONS. SEE REFLECTED CEILING PLAN SHEET A1.6 AND EXTERIOR ELEVATION A2.1
A-48	5" X 5" PIPE CHASE
A-49	HI-LO DRINKING FOUNTAIN
A-51	4'-0" HIGH CHAIN LINK FENCE AND GATE. SEE SHEET SD1.4
A-53	IN-STORE PORTABLE GREASE INTERCEPTOR. SEE PLUMBING DRAWINGS

### LEGEND

	6 5/8" SIP WALL PANEL. SEE SIP VENDOR SHEETS
	4" 20ga. METAL STUD AT 16" O.C. WITH BATT INSULATION. SEE SHEET A1.3 FOR WALL TYPES
	3 5/8" 20ga. METAL STUD AT 16" O.C. (WITH BATT INSULATION IF APPLICABLE) SEE SHEET A1.3 FOR WALL TYPES
	3 5/8" 20ga. METAL STUD AT 16" O.C. TO DECK WITH BATT INSULATION. SEE SHEET A1.3 FOR WALL TYPES
	3-5/8" METAL STUD FURRED WALL (WHERE OCCURS) AT 16" O.C.
	FIBER CEMENT WAINGSCOT/ PILASTER
	PRE-MANUFACTURED FREEZER/COOLER WALL
	SIP PANEL WALL W/ F.R.P. PANELING, SEE KEYNOTES & SHT. A3.2
	3/4" FR. PLYWOOD W/ F.R.P. PANELING, SEE KEYNOTES 37 & SHT. A3.2
	WINDOW TYPE: SEE WINDOWS SCHEDULE SHEET A6.0
	DOOR TYPE: SEE DOOR SCHEDULE SHEET A6.0



11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

#### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

#### PROFESSIONAL SEAL



#### REVISIONS

ISSUE	DATE
OTF	02/15/23

#### PROFESSIONAL IN CHARGE

RW

#### PROJECT MANAGER

RM

#### QUALITY CONTROL

JS

#### DRAWN BY

YN

#### PROJECT NAME

CIRCLE K STORES, INC.

#### ANGIER, NC

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



CIRCLE K STORE INC.

PROJECT NUMBER: 22130

#### FLOOR PLAN

A1.2



**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
OTF	02/15/23

**PROFESSIONAL IN CHARGE**

RW  
**PROJECT MANAGER**  
RM  
**QUALITY CONTROL**  
JS  
**DRAWN BY**  
YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



CIRCLE K STORE INC.

**PROJECT NUMBER: 22130**

**DIMENSIONED FLOOR PLAN, WALL TYPES, AND ENLARGED RESTROOM**

**A1.3**

**WALL TYPES**

- A. WALL TYPE 'A', SEE 3/A9.1
- B. WALL TYPE 'B', SEE 6/A9.1
- C. WALL TYPE 'C', SEE 9/A9.1
- D. WALL TYPE 'D', SEE 12/A9.1
- E. WALL TYPE 'E', SEE 11/A9.1
- F. WALL TYPE 'F', SEE 10/A9.1 & 7/A9.1

**GENERAL NOTES**

1. INTERIOR DIMENSIONS SHOWN ARE TO INTERIOR WALL FINISH, UNLESS OTHERWISE NOTED.
2. EXTERIOR DIMENSIONS SHOWN ARE TO FACE OF SIP WALL PANELS, UNLESS OTHERWISE NOTED.
3. SEE SHEETS A1.4, A1.5.1, A1.5.2 & A1.5.3 FOR EQUIPMENT.
4. NOT USED.
5. INSTALL FULL THICKNESS ACOUSTICAL BATT INSULATION CONTINUOUS TO ROOF DECK IN ALL WALL SEPARATING REST ROOMS FROM ADJACENT CONVENIENCE STORE AREAS. INSULATION TO BE NON-COMBUSTIBLE, BEARING THE U.L. CLASSIFICATION MARKING.
6. BRACE STUDS ABOVE CEILING AS REQUIRED TO PROVIDE RIGID WALLS THROUGHOUT, SEE STRUCTURAL DRAWINGS.
7. ALL CABINETS IN FOOD OFFERING AREA, INCLUDING COFFEE BAR AND SALES COUNTER, TO HAVE SOLID TOP WITH METAL SIDES PAINTED AND KICK PLATE BASE PAINTED "BLACK".
8. USE FDA APPROVED FOOD GRADE CLEAR CAULKING BETWEEN COUNTERTOPS AND WALLS AND WHERE REQUIRED PER LOCAL AND COUNTY HEALTH DEPARTMENT REQUIREMENTS.
9. GENERAL CONTRACTOR SHALL COORDINATE WITH THE EQUIPMENT AND DRYWALL INSTALLERS TO ENSURE THAT ALL ELECTRICAL WIRING, WATER LINES AND REFRIGERATION LINES HAVE BEEN INSTALLED PROPERLY ON ALL EQUIPMENT PRIOR TO THE HANGING OF ANY DRYWALL. SEE THE CIRCLE K PROJECT MANAGER FOR ANY EQUIPMENT LOCATION CLARIFICATIONS.
10. PROVIDE 5/8" MOISTURE-RESISTANT GYPSUM WALLBOARD THROUGHOUT, AT COOLER/FREEZER WALLS WHERE THEY MEET INTERIOR WALLS, RESTROOMS, BEHIND 3-COMP SINK, BEHIND FRONT COUNTER UNDER GLASS, MOP SINK AND HOT WATER HEATER.
11. SEE SHEET A1.11 FOR ROOM FINISH SCHEDULE.
12. SEE SHEETS A3.1, A3.2, AND A3.3 FOR INTERIOR ELEVATIONS.

**LEGEND**

- 6 5/8" SIP WALL PANEL. SEE SIP VENDOR SHEETS
- 6" 20ga. METAL STUD AT 16" O.C. WITH BATT INSULATION. SEE SHEET A1.3 FOR WALL TYPES
- 3 5/8" 20ga. METAL STUD AT 16" O.C. (WITH BATT INSULATION IF APPLICABLE) SEE SHEET A1.3 FOR WALL TYPES
- 3 5/8" 20ga. METAL STUD AT 16" O.C. TO DECK WITH BATT INSULATION. SEE SHEET A1.3 FOR WALL TYPES
- 3-5/8" METAL STUD FURRED WALL (WHERE OCCURS) AT 16" O.C.
- FIBER CEMENT WAINSCOT/ PILASTER
- PRE-MANUFACTURED FREEZER/COOLER WALL
- SIP PANEL WALL W/ F.R.P. PANELING, SEE KEYNOTES & SHT. A3.2
- 3/4" FRT. PLYWOOD W/ F.R.P. PANELING, SEE KEYNOTES 37 & SHT. A3.2
- WINDOW TYPE: SEE WINDOWS SCHEDULE SHEET A6.0
- DOOR TYPE: SEE DOOR SCHEDULE SHEET A6.0

**PAINTED SURFACES PREPARATION NOTES**

**DRYWALL - INTERIOR/EXTERIOR**  
DRYWALL MUST BE CLEAN AND DRY. ALL NAIL HEADS MUST BE SET AND SPACKLED. JOINTS MUST BE TAPED AND COVERED WITH A JOINT COMPOUND. SPACKLED NAIL HEADS AND TAPE JOINTS MUST BE SANDED SMOOTH AND ALL DUST REMOVED PRIOR TO PAINTING.  
EXTERIOR SURFACES MUST BE SPACKLED WITH EXTERIOR GRADE COMPOUNDS.

**STEEL - SOLVENT CLEANING**  
SOLVENT CLEANING IS A METHOD FOR REMOVING ALL VISIBLE OIL, GREASE, SOIL, DRAWING AND CUTTING COMPOUNDS, AND OTHER SOLUBLE CONTAMINANTS. SOLVENT CLEANING DOES NOT REMOVE RUST OR MILL SCALE.  
CHANGE RAGS AND CLEANING SOLUTION FREQUENTLY SO THAT DEPOSITS OF OIL AND GREASE ARE NOT SPREAD OVER ADDITIONAL AREAS IN THE CLEANING PROCESS. BE SURE TO ALLOW ADEQUATE VENTILATION.

**WOOD - INTERIOR**  
ALL FINISHING LUMBER AND FLOORING MUST BE STORED IN DRY, WARM ROOMS TO PREVENT ABSORPTION OF MOISTURE, SHRINKAGE, AND ROUGHENING OF THE WOOD.  
ALL SURFACES MUST BE SANDED SMOOTH, WITH THE GRAIN, NEVER ACROSS IT.  
SURFACE BLEMISHES MUST BE CORRECTED AND THE AREA CLEANED OF DUST BEFORE COATING.

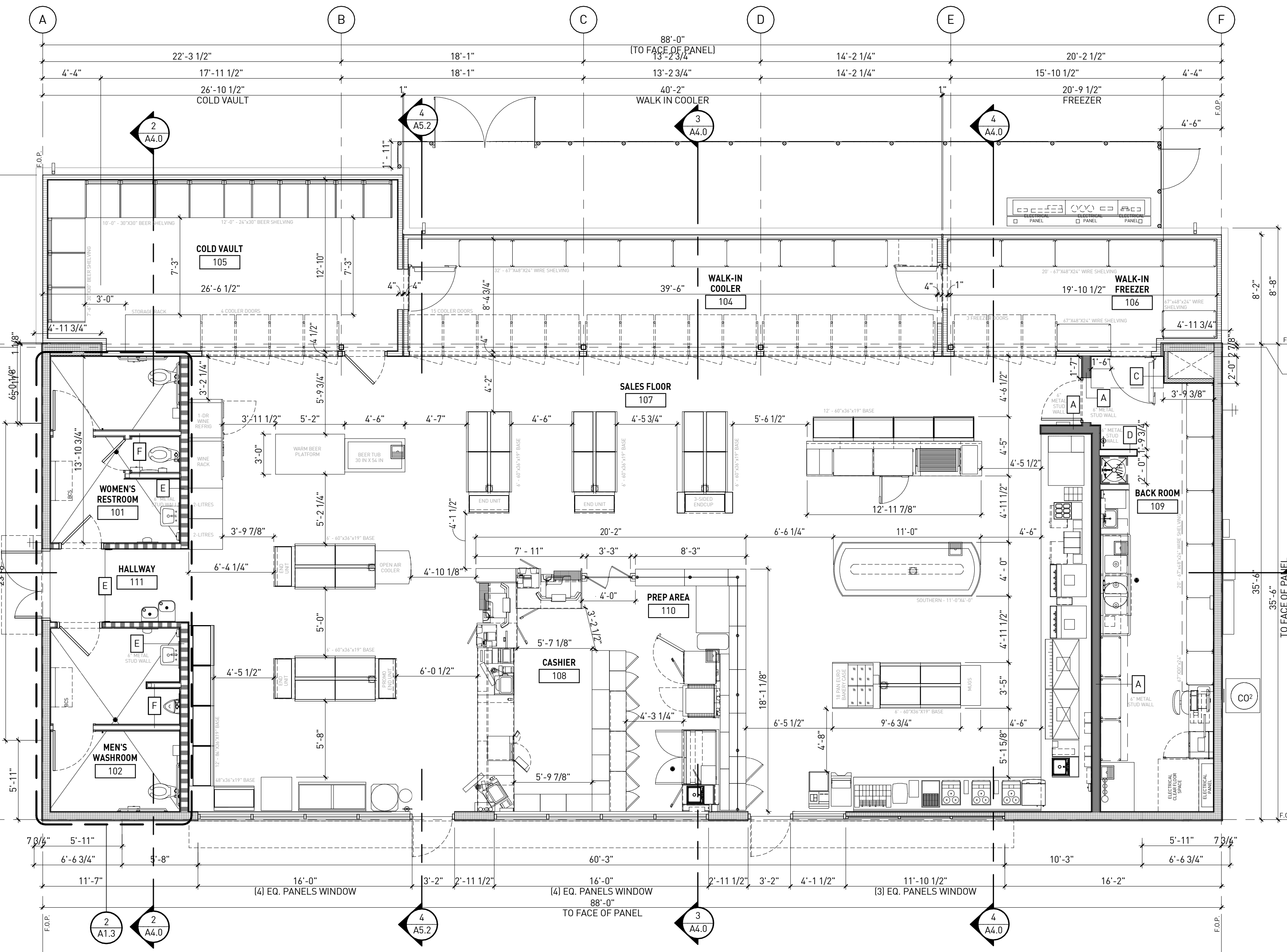
**PAINT TYPE SPECIFICATION NOTES**

1. ALL INTERIOR NON-METAL SURFACES TO BE PAINTED SHALL BE PRIMED WITH SHERWIN WILLIAMS - ProMar® 200 Zero VOC Interior Latex Primer
2. ALL INTERIOR METAL SURFACES TO BE PAINTED SHALL BE PRIMED WITH SHERWIN WILLIAMS - Pro Industrial™ Pro-Cryl® Universal Acrylic Primer
3. ALL INTERIOR SURFACES TO BE PAINTED SHALL BE PAINTED WITH SHERWIN WILLIAMS - Duration Home® Interior Acrylic Latex Paint

\*\* SEE SHEET A2.1 "EXTERIOR ELEVATIONS" FOR PAINT TYPE SELECTION OF EXTERIOR WALLS \*\*

**DIMENSIONED FLOOR PLAN | 1**

3/16" = 1'-0"

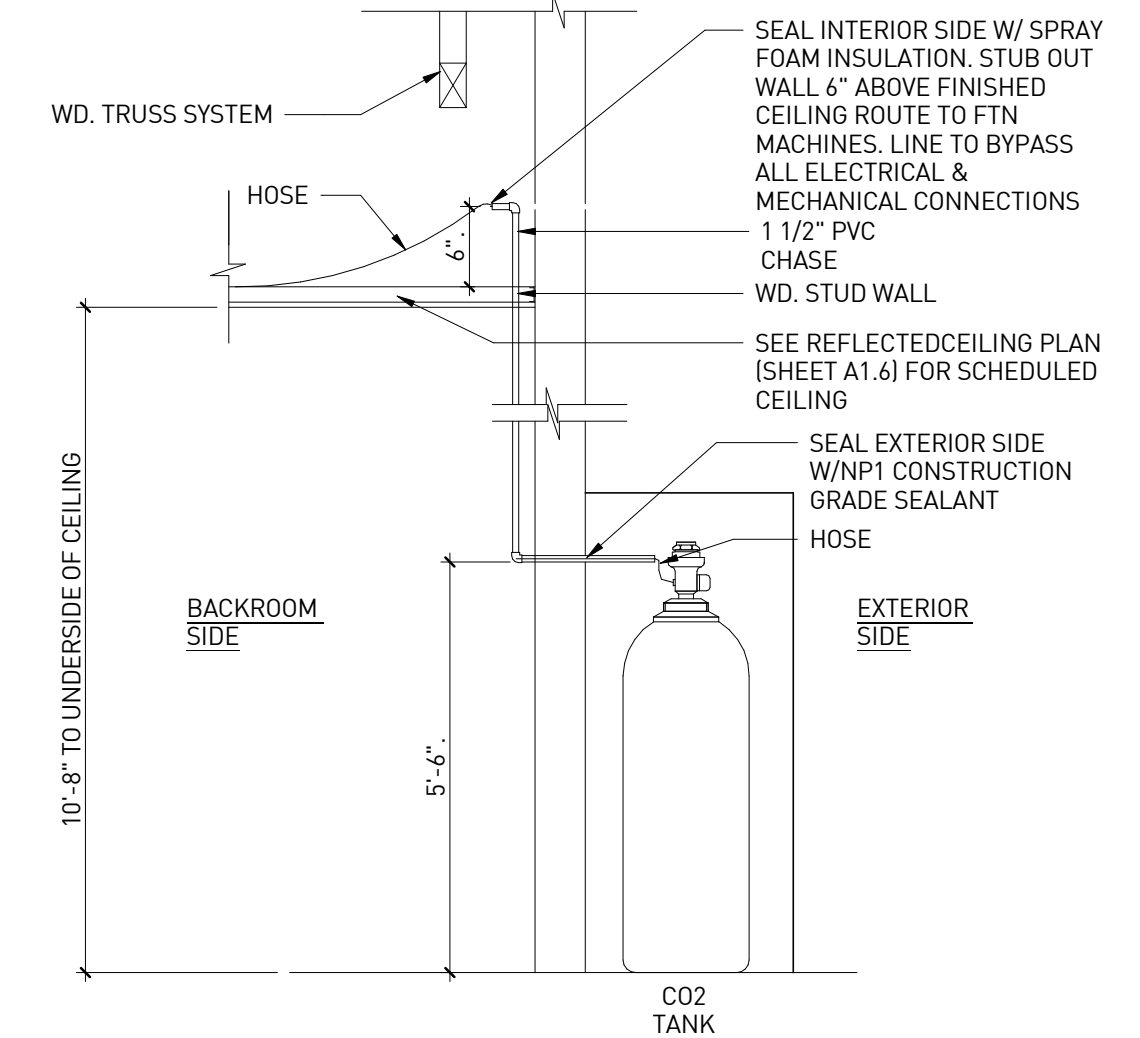


**RESTROOM KEY NOTES**

NUMBER	DESCRIPTION
B-1	30"x48" ADA ACCESSIBLE SPACE AT LAV.
B-2	PARTITION
B-4	36"x48" ADA ACCESSIBLE SPACE AT URINAL
B-5	CONVENIENCE HOOKS
B-6	GRAB BAR 1-1/4" - 1-1/2" DIAMETER. PROVIDE ADEQUATE BLOCKING
B-7	FLOOR DRAIN. SEE PLUMBING DWGS
B-8	INSULATED WATER AND DRAIN PIPES
B-10	PORCELAIN TILE WALLS
B-11	PORCELAIN TILE FLOORS
B-13	TOILET FLUSH VALVES TO BE ON THE WIDE SIDE OF TOILET ROOM
B-14	TOILET PAPER DISPENSER
B-15	SANITARY NAPKIN DISPOSAL
B-16	MIRROR
B-18	FLOOR SHALL SLOPE 1% TO DRAIN
B-19	TOILET SEAT COVER DISPENSER
B-22	BABY CHANGING TABLE TO BE INSTALLED BY G.C.
B-23	SOAP DISPENSERS
B-25	CONVENIENCE SHELF
B-26	HAND DRYER
B-27	HAND SINK

**RESTROOM SIGN NOTE:**  
SIGNS DENOTING THE RESTROOMS SHALL INCLUDE LETTERS AND NUMERALS THAT ARE RAISED 1/32", UPPER CASE, SANS SERIF OR SIMPLE SANS SERIF AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE.  
MOUNTING HEIGHTS FOR THE SIGNS DENOTING THE RESTROOMS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR, MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER. MOUNTING LOCATION FOR THE SIGN SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF THE SIGN WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR.

- NOTES:**
- A. SEE ROOM FINISH SCHEDULE ON SHEET A1.11.
  - B. SEE EQUIPMENT SCHEDULE ON SHEETS A1.4, A1.5.1 AND A1.5.2
  - C. SEE DETAIL 5/A3.3 FOR RESTROOM TYPICAL WALL TILE PATTERN.
  - D. SEE SHEET A3.3 FOR RESTROOM ELEVATIONS AND DETAILS.



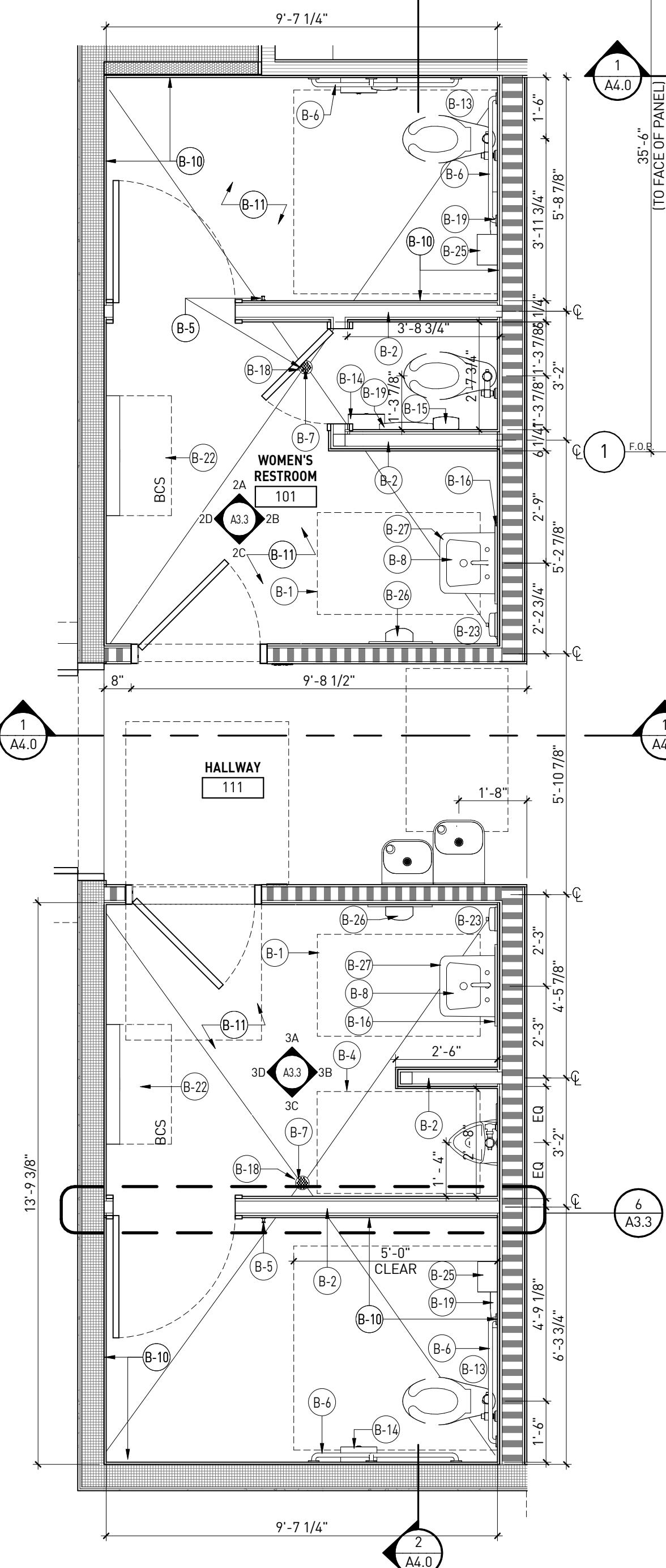
**NOTE:**  
SERVICE HOSE SHALL BE FLEXIBLE POLYOLEFIN HOSE FOR MEDIUM PRESSURE SERVICE (STYLE 540P), COMPLIANT WITH FDA TITLE 21 FOR FOOD CONTACT, AND HAVE A MAXIMUM WORKING PRESSURE OF 2000 PSI.  
ALL PIPING, REGULATORS, AND PRESSURE REGULATORS SHALL BE KEPT TIGHT TO PREVENT LEAKAGE OF ANY CO2 GASES, AS PER NFPA-55:7.3.1.3.1 (2018 EDITION)  
CO2 SHALL BE EQUIPPED W/ AN EMERGENCY SHUT-OFF DEVICE, AS PER NFPA 55:7.3.11 (2020 EDITION)

**CO2 CHASE LINE DETAIL | 9**


3" = 1'-0"

**ENLARGED RESTROOM PLAN | 2**

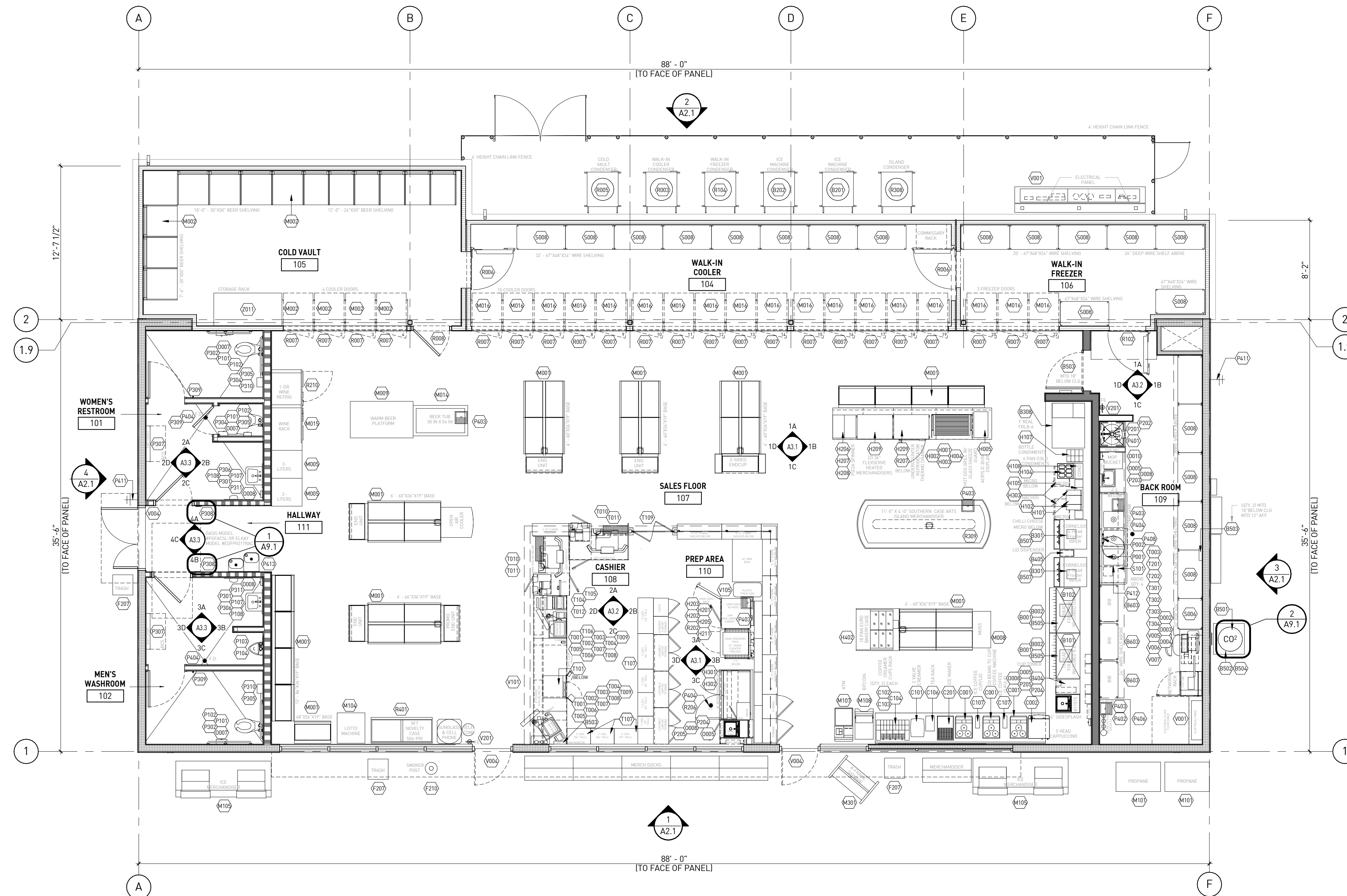
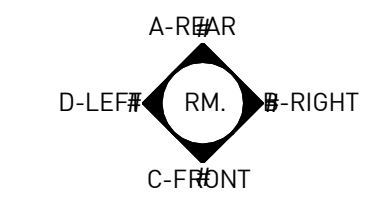
3/8" = 1'-0"



## GENERAL NOTES

- SEE SHEET A1.5.1, A1.5.2 & A1.5.3 FOR EQUIPMENT LIST
- EQUIPMENT SYMBOL 
- VERIFY EQUIPMENT LAYOUT WITH CIRCLE K
- SEE SHEETS A3.1, A3.2, AND A3.3 FOR INTERIOR ELEVATIONS.

## ROOM REFERENCE ORIENTATION



EQUIPMENT PLAN | 1  
3/16" = 1'-0"

# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTF	02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

### PROJECT NAME

**CIRCLE K  
STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROCYCLE # R1.1 11/21/22



CIRCLE K STORE INC.

PROJECT NUMBER: 22130

**EQUIPMENT PLAN**

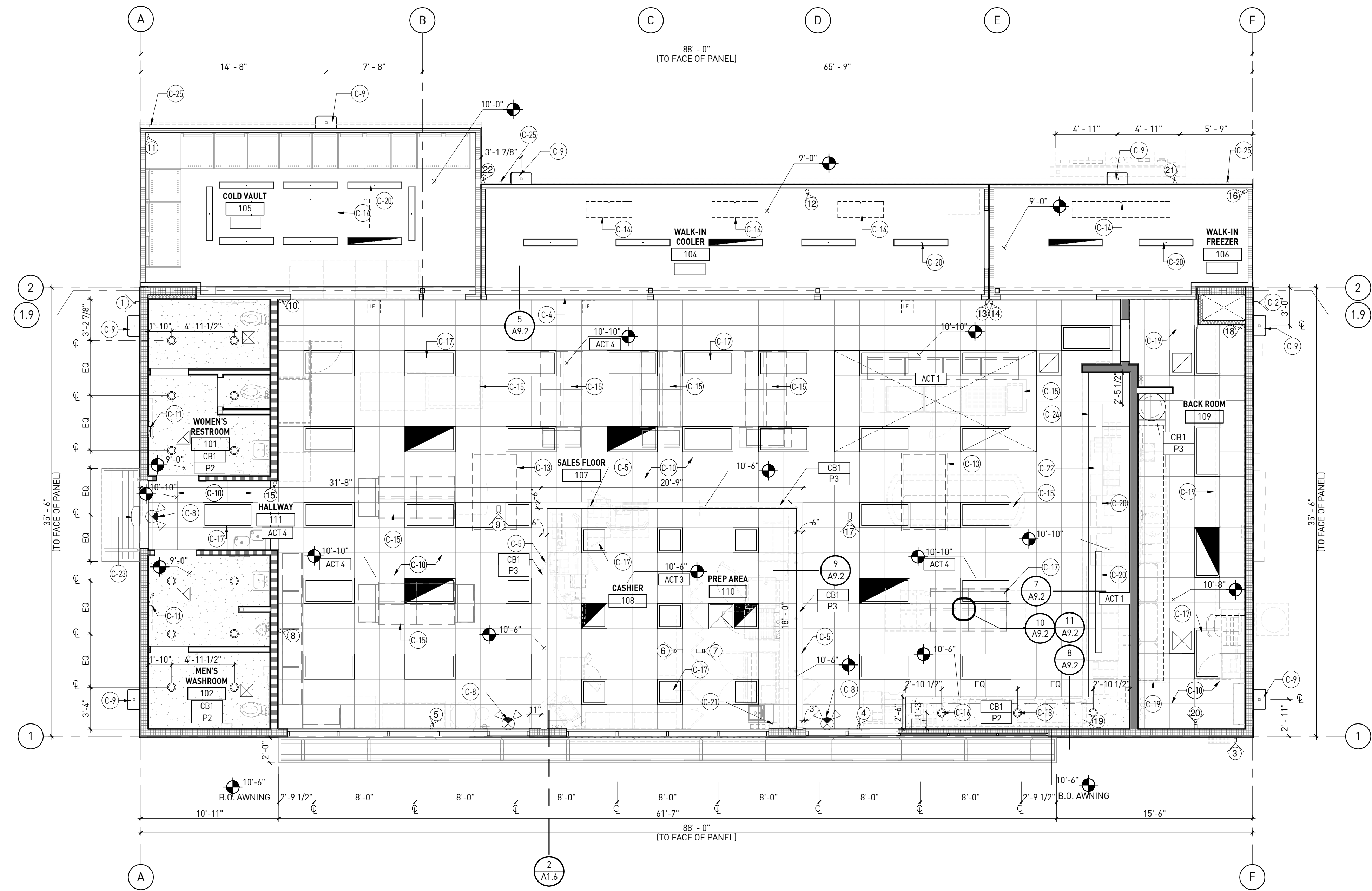
A1.4

## C-STORE EQUIPMENT SCHEDULE A1.5.1

EQUIPMENT CATEGORY	Sub-category	CK ITEM #	ITEM NAME	NOT SHOW N IN PLAN	USE DESCRIPTION	QTY	DESIGN SPEC		RESPONSIBILITY			ELECTRICAL			WATER			REMARKS	
							MANUFACTURER	MODEL	SUPPLIE D BY	INSTAL LED BY	MEP BY	AMPS (MCA)	Volts	Phase	PLUG	DIRECT FILTER & CORD BY GC	FILTERED FILTER & DESCALE		COLD HOT
BEVERAGE AND ICE	FOUNTAIN	B001	12-HD SODA FOUNTAIN PACKAGE - CORNELIUS		FOUNTAIN/ADAPTER/LEGS	2	CORNELIUS	ENDURO 300	CK	CK	GC	5.2	120 V	1	5-15P	X	X		3/4" MAIN TRUNK LINE FROM FILTER, TEE 1/2" LINE W/ BRASS BALL VALVE AND 3/8" FLARE FITTING TO EACH PIECE OF EQUIPMENT
BEVERAGE AND ICE	FOUNTAIN	B002	CARBONATOR FOR ED300		1 PER FOUNTAIN	2	CORNELIUS	*4146424000	CK	CK	GC	7.2	120 V	1	5-15P			X	1/4" FLARE CO2 INLET, 3/8" FLARE WATER INLET, 3/8" FLARE SODA WATER OUTLET. TO BE INSTALLED ON SHELF ON TOP OF BIB RACK.
BEVERAGE AND ICE	ICE	B101	19" FOLLETT REMOTE CHEWBLET ICE ICE MAKER (1800LB)		1 OR 2 FOUNTAINS	1	FOLLETT	HCD1810RHT	CK	CK	GC	5.0	120 V	1	5-15P	X	X	X	<MOPD 15A>3/8" WATER LINE FROM SCALE INHIBITOR; 1/2" DRAIN LINE, GC TO PROVIDE CORD AND PLUG - NEMA 5-15, REQUIRES DEDICATED 15A CIRCUIT
BEVERAGE AND ICE	ICE	B102	30" MANITOWOC REMOTE ICE MAKER (1825LB)		1 FOUNTAIN AND/OR BAGGER	1	MANITOWOC	HYF-1800C-161	CK	CK	GC	1.1	120 V	1	5-15P	X	X	X	<MOPD 15A>3/8" WATER LINE FROM SCALE INHIBITOR; 1/2" DRAIN LINE, GC TO PROVIDE CORD AND PLUG - NEMA 5-15
BEVERAGE AND ICE		B201	REMOTE CONDENSER FOR HCD1810RHT W/ LINE SET			1	FOLLETT	N/A	CK	CK	GC	20	208 V	3		X		X	<208-240/3PH-MCA 20A / MOC2P25A>R-UN CONTROL WIRE FROM ICE MAKER TO CONDENSER - SOLENOID SHOULD BE MOUNTED AT THE CONDENSER
BEVERAGE AND ICE		B202	REMOTE CONDENSER FOR HYF1800C W/ LINE SET			1	MANITOWOC	CVDF1800F-263A	CK	CK	GC	20	208 V	3		X		X	<208-240/3PH-MCA 20A / MOC2P25A>R-UN CONTROL WIRE FROM ICE MAKER TO CONDENSER - SOLENOID SHOULD BE MOUNTED AT THE CONDENSER
BEVERAGE AND ICE	FROZEN	B301	FOUR BARREL COUNTERTOP FCB PACKAGE - STANDARD		OPTIONAL 2ND ONE FOR BAGGER TO BE INSTALLED ON 4" LEGS W/ TALL TRANSLITE	2	CORNELIUS	VIPER ELITE- 4B	CK	CK	GC	28.8	208 V	1	L630P		X	X	<208/1PH-MCA 28.8A/FLA 23 1A/MOC2P 30A W/BUCK-BOOST>3/4" MAIN TRUNK LINE FROM FILTER, TEE 1/2" LINE W/BRASS BALL VALVE AND 3/8" FLARE FITTING TO EACH PIECE OF EQUIPMENT; 30PSI MIN. GC TO DD ELECT. ONLY
BEVERAGE AND ICE	FROZEN	B308	BLENDED BAR			1	F'REAL	FRLB-6 BLENDING BAR											
BEVERAGE AND ICE	DISPENSERS	B404	COUNTERTOP CUP/LID DISPENSER - CUPS RIGHT			1	GENERUX FINE W.P.	CUSTOM	CK	CK	-								
BEVERAGE AND ICE	DISPENSERS	B405	COUNTERTOP FCB DOME LID DISPENSER			1	FOOD CONCEPTS	CK-DOMELID	CK	CK	-								
BEVERAGE AND ICE	MISC.	B501	CO2 TANK			1	CARBOMIZER	VARIABLES	VENDOR	VENDOR	VENDOR								
BEVERAGE AND ICE	MISC.	B502	CO2 CABINET			1	ROYSTON	CUSTOM	CK	CK	-								
BEVERAGE AND ICE	MISC.	B503	CO2 DETECTION SYSTEM			1	LOGICO2	MK9	VENDOR	VENDOR	VENDOR	1.0	120 V	1	5-15P				PROVIDED AND INSTALLED BY CO2 VENDOR, GC TO PROVIDE A SINGLE OUTLET ONLY NEAR THE BIB RACKS.
BEVERAGE AND ICE	MISC.	B504	CO2 SIGNS	X		1	NUCO2		VENDOR	VENDOR	-								
BEVERAGE AND ICE	MISC.	B505	LEG SHROUD FOR ENDURO300 FOUNTAIN	X	ONE PER FOUNTAIN UNIT	2	FOOD CONCEPTS	CK-FTN-ENDUROSHRD	CK	CK	-								
BEVERAGE AND ICE	MISC.	B507	LEG SHROUD FOR FCB	X	ONE PER FCB	2	FOOD CONCEPTS	CK-FTN-FCBSHROUD	CK	CK	-								
BEVERAGE AND ICE	BIB	B603	3 WIDE BIB RACK PACKAGE		PACKAGE WITH 5 SHELVES AND PUMP MOUNT	3	CORNELIUS	3BIFJ	CK	CK	-								FOUNTAIN RACKS ARE PREASSEMBLED WITH SHELF AND PUMPS ALREADY MOUNTED. FCB AND OTHER REQUIRE ASSEMBLY AND PUMPS TO BE PROVIDED AND/OR MOUNTED BY CONTRACTOR
COFFEE	BREWERS	C001	3-HOPPER BEAN TO CUP BREWER			3	SCHAERER	040381-00058EUS	CK	VENDOR	GC	16.0	208 V	1	L620P		X	X	SCHAERER CHECKLIST MUST BE COMPLETE - L6-20R 250VAC, 20AMP, 1 PHASE, RANGE 205-240V, 20AMP BREAKER, 3" HOLE PER BREWER, 3/8" COMPRESSION SHUTOFF, 30-40PSI PRESSURE; HUB, WATER AND POWER 36" FROM MACHINE LOCATION
COFFEE	BREWERS	C002	5-HD CAPPUCCINO			1	WILBUR CURTIS	PCG6T5	CK	CK	GC	15.0	120 V	1	5-15P		X	X	3/4" MAIN TRUNK LINE FROM FILTER TO COFFEE BAR, TEE 1/2" LINE W/ BRASS BALL VALVE AND 1/4" FLARE FITTING TO EACH PIECE OF EQUIPMENT; SINGLE OUTLET
COFFEE	BREWERS	C003	BEAN TO CUP COFFEE WATER FILTER	X	ONE PER SET OF (3) BEAN TO CUP BREWERS	3	SCHAERER	HF40-S	CK	VENDOR	VENDOR								
COFFEE	COND/MISC.	C101	2HD COFFEE CREAMER			1	DANONE - ID	215	VENDOR	CK	GC	2.8	120 V	1	5-15P				
COFFEE	COND/MISC.	C102	"A" CONDIMENT RACK - POWDER CREAMER ORGANIZER			2	CREATIVE DISPLAY	A-UNIT	CK	CK	-								
COFFEE	COND/MISC.	C103	"B" CONDIMENT RACK - SWEETENER PACKET ORGANIZER			2	CREATIVE DISPLAY	B-UNIT	CK	CK	-								
COFFEE	COND/MISC.	C104	"C" 2-TIER LID AND CARRIER ORGANIZER			2	CREATIVE DISPLAY	C-UNIT	CK	CK	-								
COFFEE	COND/MISC.	C105	TEA RACK			1	PURELEAF	CK-PURELEAF-RACK-6-DS	CK	CK	-								
COFFEE	COND/MISC.	C107	ICED COFFEE CUP/LID DISPENSER			2	LIBERTY	CUSTOM	CK	CK	-								
COFFEE	COND/MISC.	C108	4HD COFFEE CREAMER			1	DANONE - ID	400	VENDOR	CK	GC	2.8	120 V	1	5-15P				
COFFEE	ICE	C201	SMALL COUNTERTOP ICE MAKER			1	FOLLETT	15C100A-NW-NF-ST-RD	CK	CK	GC	6.5	120 V	1	5-15P		X		3/4" MAIN TRUNK LINE FROM FILTER TO COFFEE BAR, TEE 3/8" LINE W/ BRASS BALL VALVE AND 1/4" COMPRESSION FITTING TO EACH PIECE OF EQUIPMENT; SINGLE OUTLET. COMES WITH 8 1/2" CORD.
DECOR	CATEGORIES	D001	COFFEE BACKGROUND DÉCOR	X	INCLUDES WALL PANEL AND LETTERS	1	VOMELA	CUSTOM	CK	CK	-								WALL COVERING OR ACRYLIC PANEL AND LETTERING
DECOR	CATEGORIES	D002	POLAR POP DÉCOR PACKAGE	X	INCL. PP SIGN & HEADER PANELS	1	VOMELA	CUSTOM	CK	CK	-								INCLUDES HANGING SIGNAGE, COIN FOR POLAR POP
DECOR	CATEGORIES	D003	FROSTER DÉCOR PACKAGE	X	INCL. FROSTER SIGN, HEADER PANELS & FRAMES	1	VOMELA	CUSTOM	CK	CK	-								INCLUDES HANGING SIGNAGE, COIN FOR FROSTER
DECOR	CATEGORIES	D005	HOT FOOD DÉCOR PACKAGE	X	INCLUDES WALL PANEL AND LETTERS	1	VOMELA	CUSTOM	CK	CK	-								INCLUDES HANGING SIGNAGE, COIN FOR FROSTER
DECOR	CATEGORIES	D006	GRILL DÉCOR & POP PACKAGE	X	INCLUDES GRILL DRAWER KITS	1	VOMELA	CUSTOM	CK	CK	-								INCLUDES ALL DECOR AND SIGNAGE NEEDED FOR HOT FOODS AREA
DECOR	POP	D101	24"X36" BACKLIT LED FRAMES			1	VOMELA	CUSTOM	CK	CK	GC		120 V	1	5-15P				BACKLIT SNAP FRAMES FOR POP AND MENUS
DECOR	COLD	D201	COOLER WALL DÉCOR PACKAGE	X	INCLUDES HEADER PANELS & ICONS	1	VOMELA	CUSTOM	CK	CK	-								INCLUDES BUTTONS FOR ABOVE COOLER DOORS
DECOR	COLD	D202	FREEZER WALL DÉCOR PACKAGE	X	INCLUDES HEADER PANELS & ICONS	1	VOMELA	CUSTOM	CK	CK	-								INCLUDES BUTTONS FOR ABOVE COOLER DOORS
DECOR	COLD	D203	COLD VAULT SIGN - BACKLIT	X		1	VOMELA	CUSTOM	CK	CK	GC		120 V	1	5-15P				BACKLIT COLD VAULT LETTERING
DECOR	COLD	D204	COLD VAULT GRAPHICS PACKAGE	X		1	VOMELA	CUSTOM	CK	CK	-								INCLUDES ALL DECOR AND SIGNAGE NEEDED FOR BEVERAGE CAVES- INCLUDING COLD VAULT WALL COVERING
DECOR	CENTER	D301	CENTER STORE HALO ELEMENT - MERCHANDISING (TAKE IT EASY)	X	HALO & LETTERS	1	VOMELA	CUSTOM	CK	CK	-								SUSPENDED ELEMENT AND WORD COPY- NO POWER REQUIRED
DECOR	CENTER	D302	CENTER STORE HALO ELEMENT - CHECKOUT (PAY HERE/NICE TO SEE YOU)	X	HALO & LETTERS	1	VOMELA	CUSTOM	CK	CK	-								SUSPENDED ELEMENT AND WORD COPY- NO POWER REQUIRED
DECOR	CENTER	D303	CENTER STORE HALO ELEMENT - FOOD (GOOD TO GO)	X	HALO & LETTERS	1	VOMELA	CUSTOM	CK	CK	-								SUSPENDED ELEMENT AND WORD COPY- NO POWER REQUIRED
DECOR	CENTER	D304	RESTROOM DÉCOR SIGNS	X		1	VOMELA	CUSTOM	GC	CK	GC		120 V	1	5-15P				RESTROOM SIGN ON BULKHEAD ABOVE COORIDOR AND RESTROOM ENTRANCE
FUEL & FORCOURT	FUEL	F001	FUEL TANKS	X		1	FS/XERXES/MODERN	CUSTOM	CK	PETRO									
FUEL & FORCOURT	FUEL	F002	FUEL DISPENSERS	X		1	GILBARCO	7005	CK	PETRO	PETRO	X							REFER TO PETRO PLANS FOR ELECTRICAL REQUIREMENTS
FUEL & FORCOURT	FUEL	F003	PETROLEUM EQUIPMENT AND PIPING	X		1	ANS	VARIABLES	CK	PETRO	PETRO	X							
FUEL & FORCOURT	FUEL	F004	SUBMERSIBLE TANK PUMPS (STP)	X		1	RED JACKET	VARIABLES	CK	PETRO	PETRO	X							REFER TO PETRO PLANS FOR ELECTRICAL REQUIREMENTS
FUEL & FORCOURT	FUEL	F005	VEEDER ROOT	X		1	VEEDER ROOT	TLS-450PLUS	CK	PETRO	PETRO	2.0	115 V	1					
FUEL & FORCOURT	FUEL	F006	INTERROOM	X		1	3M	D2430M	PETRO	PETRO	PETRO	8.0	120 V	1	5-15P-IG				QUADRUPLEX OUTLET WIRED THROUGH SURGE MANAGEMENT PANEL. (PROVIDED AND INSTALLED BY PETROLEUM CONTRACTOR)
FUEL & FORCOURT	FUEL	F007	PUMP CONTROL PANEL	X		1	FEPETRO	STP-SCI	CK	PETRO	PETRO	30.0	120 V	1					
FUEL & FORCOURT	SITE	F101	CANOPY & INSTALL	X		1	JIMCOJARNING	N/A	CK	CANOPY									
FUEL & FORCOURT	SITE	F102	SITE SIGNAGE	X		1	S.R./PATTISON	N/A	CK	SIGN	GC	X							REFER TO SIGN VENDOR FOR ELECTRICAL REQUIREMENT FOR MID AND BUILDING SIGNS
FUEL & FORCOURT	SITE	F103	3'x6' ELECTRONIC MESSAGE CENTER (EMC)	X		1	ABLE	N/A	CK	SIGN	GC	15.0	120 V	1					REFER TO SIGN VENDOR FOR ELECTRICAL REQUIREMENT FOR MID AND BUILDING SIGNS
FUEL & FORCOURT	SITE	F104	4'x8' ELECTRONIC MESSAGE CENTER (EMC)	X		1	ABLE	N/A	CK	SIGN	GC	26.7	120 V	1					REFER TO SIGN VENDOR FOR ELECTRICAL REQUIREMENT FOR MID AND BUILDING SIGNS
FUEL & FORCOURT	MISC.	F206	BOLLARD COVERS	X		1	POSTGUARD	VARIABLES	CK	GC/OPS	-								GC TO ASSEMBLE, OPERATIONS TO PLACE
FUEL & FORCOURT	MISC.	F207	HOODED TRASH			3	MASONWAYS	ARU/TB47											
FUEL & FORCOURT	MISC.	F208	SINGLE SIDED AMENITY UNIT			1	MASONWAYS	ARU2											
FUEL & FORCOURT	MISC.	F209	DOUBLE SIDED AMENITY UNIT			1	MASONWAYS	ARU1											
FUEL & FORCOURT	MISC.	F210	ROUND SMOKERS POLE, H 4'		OPTIONAL	1	MASONWAYS	SP41											
FUEL & FORCOURT	MISC.	F211	TRUCK STOP / WASHER UNIT			1	MASONWAYS	THE CRAFT											
HOT FOODS	HOT DOGS	H001	50 HOT DOG ROLLER GRILL (DURATIC ROLLERS)			1	STAR	S05C0BEP	CK	CK	GC	12.8	120 V	1	5-15P				
HOT FOODS	HOT DOGS	H002	SLANTED GLASS SNEEZE GUARD FOR STAR 50 GRILL	X		1	CREATIVE DISPLAY	CDW-HT-LED-50	CK	CK	GC	1.0	120 V	1	5-15P				ASSEMBLED BY GC
HOT FOODS	HOT DOGS	H003	4" BLACK STEEL LEGS- HOT DOG GRILLS (WITH RUBBER FEET) (4 PER KIT)	X		1	STAR	RGLK KIT	CK	CK	-								ALL GRILL NEED 4" LEGS, EXTENDED ALL THE WAY OUT AND H004 THERMO DRAWER IS INSTALL ON COUNTERTOP UNDER EACH GRILL
HOT FOODS	HOT DOGS	H004	50HOT DOG THERMO DRAWER			1	APW	SPTU-50N	CK	CK	GC	5.8	120 V	1	5-15P				COMES WITH 66" CORD
HOT FOODS	HOT DOGS	H005	BUN DISPLAY			1	DESERT STAR	CK 10038	CK	CK	GC	1.2	120 V	1	5-15P				
HOT FOODS	HOT DOGS	H006	11" LED POP DISPLAY			1	CREATIVE DISPLAY	11 LED POP	CK	CK	GC	1.2	120 V	1	5-15P				
HOT FOODS	HOT DOGS	H007	HOT DOG GRILL DIVIDER KIT	X		1	FOOD CONCEPTS	CK-RG-DK-5CDB-50	CK	CK	GC								1 KIT PER GRILL
HOT FOODS	CONDIMENTS	H101	CHILI/CHEESE DISPENSER			1	GEHL'S	DUAL DISP.	VENDOR	CK	GC	1.7	120 V	1	5-15P				
HOT FOODS	CONDIMENTS	H102	SINGLE PRODUCT CHEESE DISPENSER			2	GEHL'S	2.0 DISP.	VENDOR	CK	GC	2.5	120 V	1	5-15P				
HOT FOODS	CONDIMENTS	H104	4-BIN COLD CONDIMENT DISPENSER COUNTERTOP		6-BIN COLD CONDIMENT	1	APW	RTR-4	CK	CK	GC	3.0	120 V	1	5-15P				STAINLESS STEEL EXTERIOR & FOOD WELLS; HOLDS (6) 1/8" SIZE 4" DEEP PANS (PANS & COVER INCLUDED), CUTOUT FOR COUNTERTOP 16 11/16x 15 11/16
HOT FOODS	CONDIMENTS	H105	NACHO THEATRE RACK(S)			1	GEHL'S	CUSTOM	VENDOR	CK	-								





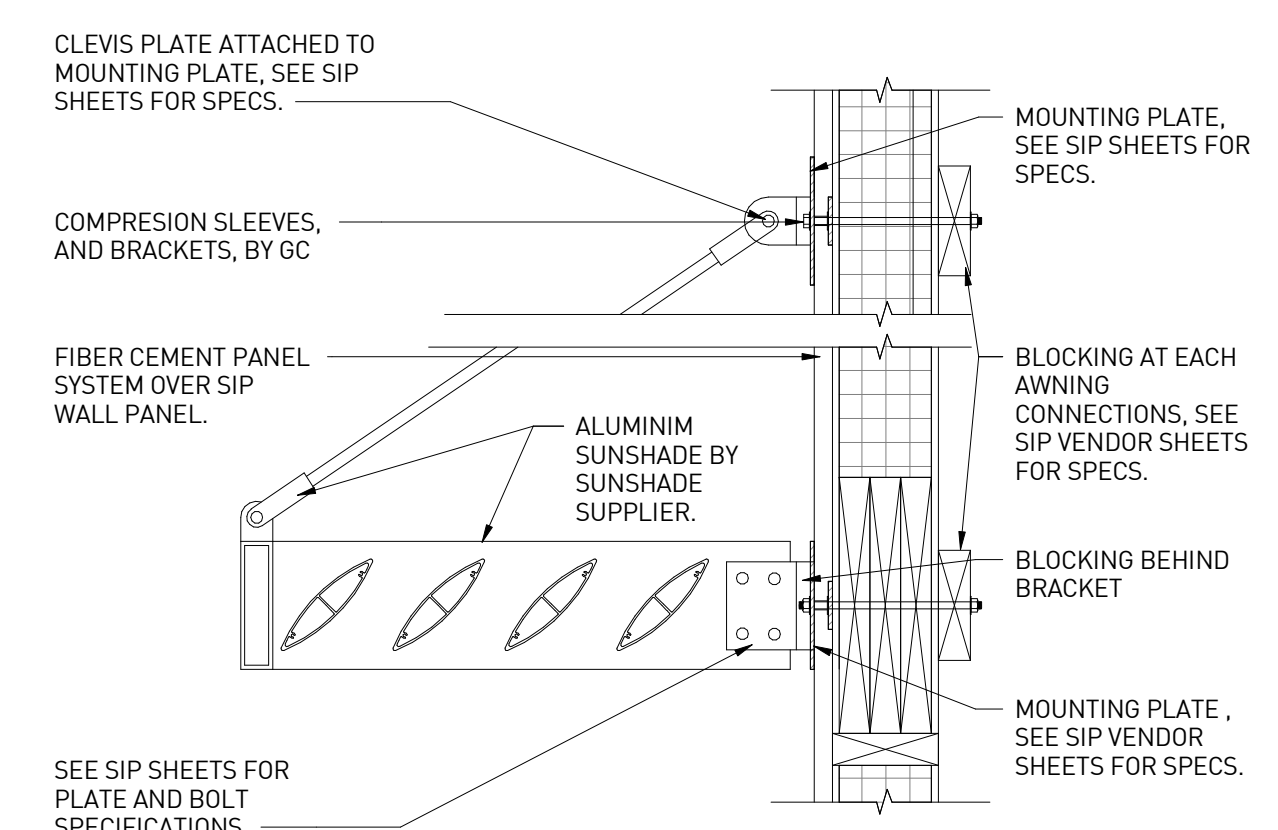


REFLECTED CEILING PLAN | 1  
3/16" = 1'-0"

NOT USED | 4  
1 1/2" = 1'-0"

NOT USED | 3  
3/4" = 1'-0"

NOTE: DETAIL FOR REFERENCE ONLY SEE SIP SHEETS



AWINING SECTION CUT | 2  
1" = 1'-0"

### KEYNOTES

NUMBER	DESCRIPTION
C-2	NOT USED
C-4	GYP. BOARD VALANCE ABOVE COOLER, FINISH SAME AS ADJACENT WALL. SEE DET. S/A9.2
C-5	SOFFIT LINE. SEE DETAILS 9/A9.2
C-8	ILLUMINATED EMERGENCY EXIT SIGN. SEE ELECTRICAL
C-9	EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS AND EXTERIOR ELEVATIONS
C-10	SUSPENDED CEILING SYSTEM. SEE DETAILS 10/A9.2 & 11/A9.2
C-11	EMERGENCY BATTERY BACKUP LIGHT. SEE ELECTRICAL
C-13	MECHANICAL TOP UNIT ABOVE ROOF SHOWN FOR REFERENCE ONLY, SEE MECHANICAL AND ROOF PLAN
C-14	EVAPORATORS, SEE MECH.
C-15	EQUIPMENT BELOW, SHOW FOR REFERENCE ONLY.
C-16	RECESSED LIGHT. SEE ELECT.
C-17	LED LIGHT FIXTURE. SEE ELECT.
C-18	GC TO COORDINATE WITH DECOR VENDOR FOR THE COFFEE WALL LIGHTING.
C-19	LINE OF STORAGE LOFT SHELF, SEE DETAIL 4/A9.2
C-20	SURFACE LIGHT, SEE ELECT
C-21	PIPE CHASE
C-22	WALL MOUNTED SOFFIT SYSTEM BY VOMELA
C-23	EXTERIOR EMERGENCY LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS AND EXTERIOR ELEVATIONS
C-24	LINE OF MATERIAL CHANGE, SEE CEILING TYPES SCHEDULE
C-25	GUTTER AND DOWNSPOUTS. SEE DETAILS 2/A8.3 AND 6/A8.3 AND PLUMBING DRAWINGS.

### LEGEND

XX	CEILING TYPE	[Symbol]	EXTERIOR WALL MOUNT LIGHT FIXTURE
[Symbol]	CEILING HEIGHT	[Symbol]	EXTERIOR EMERGENCY WALL MOUNT LIGHT FIXTURE
[Symbol]	SUSPENDED GRID, REFER TO ROOM FINISH SCHEDULE SHEET A1.2	[Symbol]	ILLUMINATED EXIT SIGN
[Symbol]	5/8" GYP. BD. CLNG.	[Symbol]	EMERGENCY BATTERY BACKUP LIGHT FIXTURE
[Symbol]	2 X 4 LED LIGHT FIXTURE (PARABOLIC)	[Symbol]	SUPPLY AIR DIFFUSER
[Symbol]	2 X 4 N.L. & EMERG. LED LIGHT FIXTURE	[Symbol]	RETURN AIR GRILLE
[Symbol]	MOISTURE PROOF FIXTURE SUPPLIED BY COOLER MFR.	[Symbol]	EXHAUST FAN
[Symbol]	EMERG. MOISTURE PROOF FIXTURE SUPPLIED BY COOLER MFR.	[Symbol]	CEILING ELECT. OUTLET
[Symbol]	RECESSED OR SUSPENDED CAN LIGHT FIXTURE	[Symbol]	LED TRANSFORMER FOR INTERIOR SIGNAGE ABOVE CEILING
[Symbol]	2 x 2 LED LIGHT FIXTURE	[Symbol]	CAMERA LOCATION
[Symbol]	2 x 2 N.L. & EMERG. LED LIGHT FIXTURE	[Symbol]	EMERGENCY RECESSED OR SUSPENDED CAN LIGHT FIXTURE
[Symbol]	CONCENTRIC DIFFUSER	[Symbol]	SURFACE FIXTURE SUPPLIED BY CIRCLE K/ INSTALLED BY GC

### GENERAL NOTES

- SEE FINISH SCHEDULE ON SHEET A1.11 FOR FINISHES
- DIMENSIONS FOR LIGHT FIXTURE LOCATIONS ARE TO CENTERLINE OF FIXTURE UNLESS OTHERWISE NOTED.

### CEILING TYPES

TYPE	DESCRIPTION
ACT 1	SUSPENDED 2'x2' GRID WITH 1/2" THK WASHABLE LAY-IN VINYL CLAD SHEET ROCK TILE (WHITE)
ACT 2	NOT USED
ACT 3	5/8" GYP. CEILING BOARD, SEE PAINT SPECS ON SHEET A1.2
ACT 4	SUSPENDED 2'x2' GRID WITH FINE FISSURED (WHITE) 2X2 LAY IN ACOUSTICAL CEILING TILES. SEE PAINT SPECS ON SHEET A1.11
CB1	5/8" GYP. CEILING BOARD, SEE PAINT SPECS ON SHEET A1.2



11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

#### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

#### PROFESSIONAL SEAL



#### REVISIONS

ISSUE	DATE
OTF	02/15/23

#### PROFESSIONAL IN CHARGE

RW

#### PROJECT MANAGER

RM

#### QUALITY CONTROL

JS

#### DRAWN BY

YN

#### PROJECT NAME

CIRCLE K STORES, INC.

ANGIER, NC

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R.1.1 11/21/22



CIRCLE K STORE INC.

PROJECT NUMBER: 22130

#### REFLECTED CEILING PLAN

A1.6

## KEY NOTES

NUMBER	DESCRIPTION
D-1	METAL ROOF ACCESS LADDERPORT-BOD LADDERPORT MODEL F1101(DARK BROWN)
D-2	TPO (THERMOPLASTIC POLYOLEFIN MEMBRANE) ROOFING SYSTEM SIP ROOF PANEL, WHITE-FULLY ADHERED
D-3	TAPERED INSULATION DRAINAGE VALLEY CRICKET, MINIMUM SLOPE 1/4" PER FOOT. SEE DETAIL 4/A8.3
D-4	ROOF TOP HVAC UNIT, SEE MECHANICAL AND SIP DRAWINGS.
D-5	GUTTER AND DOWNSPOUTS. SEE DETAILS 3/A1.7, 9/A8.3 AND PLUMBING DWGS.
D-11	EXHAUST FAN UNITS, SEE MECHANICAL DRAWINGS.
D-14	PRE-FINISHED GALVANIZED METAL FASCIA, SEE EXTERIOR ELEVATIONS AND DETAIL 5/A8.3
D-15	30" WIDE WALKING PATH FOR EQUIPMENT ACCESS, "ULTRA PLY TPO" WALKWAY PAD BY FIRESTONE OR EQUAL. INSTALL PER MANUFACTURER INSTRUCTIONS. VERIFY PATH LOCATION WITH CIRCLE K PROJECT MANAGER.
D-16	PARAPET BRACING AS REQUIRED, SEE DETAIL 4/1.7 AND SIP VENDOR SHEETS.
D-18	VTR LOCATION, SEE PLUMBING DRAWINGS.
D-20	PRE-FAB WOOD TRUSSES, SEE SIP SHEETS.
D-21	TPO ROOF AT PARAPET TYP. SEE DETAIL 9/A8.3
D-22	FREEZELESS ROOF HYDRANT, SEE PLUMBING DRAWINGS
D-25	ALUMINUM AWNING WITH SUPPORT RODS BY CIRCLE K VENDOR. PROVIDE BLOCKING IN EXTERIOR AND INTERIOR WALL FOR AWNING AND SUPPORTS. GC PROVIDE WATER TIGHT SEAL, FLASHING, COMPRESSION SLEEVES, AND BRACKETS AT ALL WALL OPENINGS AND ATTACHMENT CONNECTIONS. SEE REFLECTED CEILING PLAN, SHEET A1.6 AND EXTERIOR ELEVATIONS ON SHEET A2.1.
D-26	DRAFT STOP, SEE DETAIL 1/A8.3
D-27	SATELLITE DISH FOR LOTTERY MACHINE. GC TO COORDINATE WITH CK CONSTRUCTION MANAGER FOR FINAL LOCATION
D-29	COOLER ROOF PROVIDED AND INSTALLED BY COOLER VENDOR

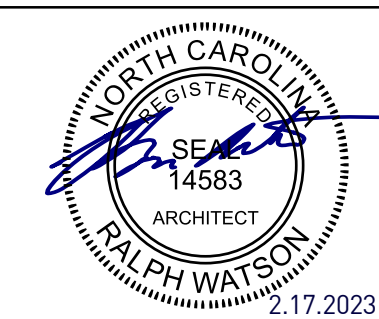
# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTF	02/15/23

## GENERAL NOTES

- SEE DETAIL 8/A8.3 FOR FLASHING AT PIPE PENETRATIONS.
- SEE BUILDING ELEVATIONS FOR PARAPET HEIGHTS.

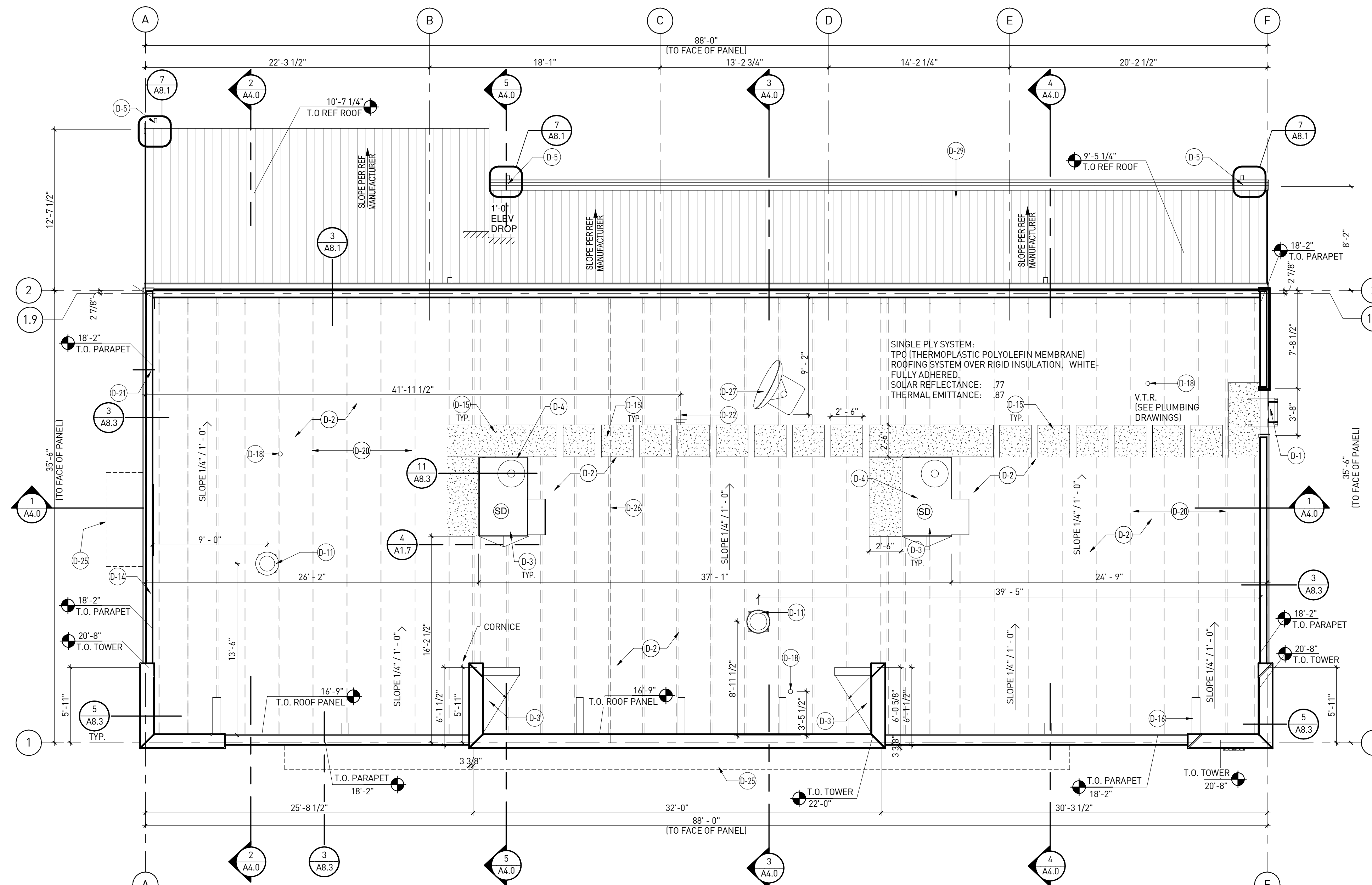
## SINGLE PLY ROOFING SPECIFICATION

SINGLE PLY ROOFING SPECIFICATION  
FIRESTONE  
TPO-60MIL (THERMOPLASTIC POLYOLEFIN MEMBRANE) FULLY ADHERED TPO WHITE ASTM D6878  
CLASSIFICATION: UL CLASS: A FM CLASS: 1  
-45 PSF DESIGN  
MAX. SLOPE 1"  
DECK: COMBUSTIBLE  
INSULATION: 8 3/8" ROOF SIP PANEL W/ RIGID INSULATION. R VALUE R-33  
TAPERED INSULATION: FACTORY TAPERED BOARDS FABRICATED TO PRODUCE SLOPE OF 1/4" PER FOOT. SLOPE TOWARDS DRAIN.  
CRICKETS: PROVIDE CRICKETS TAPERED. EDGE STRIPS WHERE INDICATED.

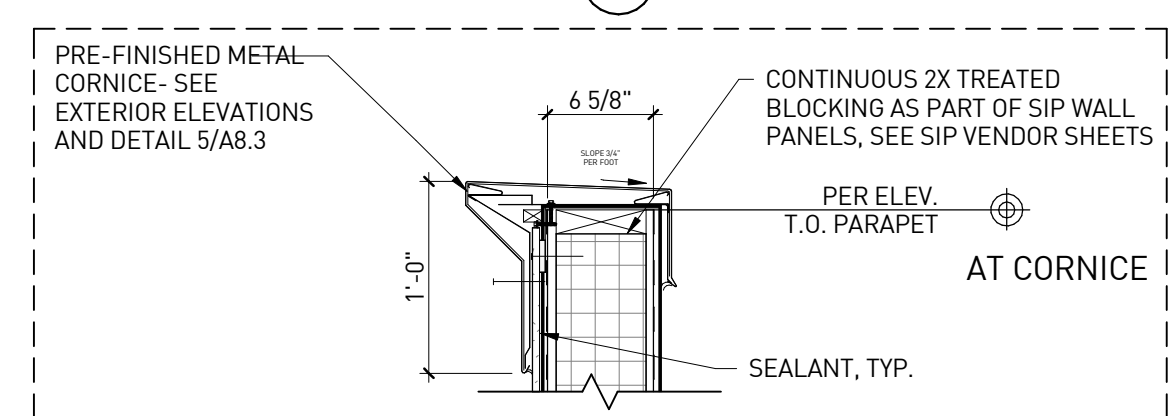
AUXILIARY MATERIALS  
SHEET FLASHING: SAME SHEET AS FIELD SHEET  
BONDING ADHESIVE: MANUFACTURERS STANDARD BONDING ADHESIVE  
METAL TERMINATION BARS: PRE-DRILLED STAINLESS STEEL OR ALUMINUM BARS  
FASTENERS: FACTORY-COATED STEEL FASTENERS AND METAL PLATES MEETING CORROSION-RESISTANCE PROVISIONS OF FMG 4470  
MISCELLANEOUS: PROVIDE POURABLE SEALER, PREFORMED CONES, PREFORMED INSIDE AND OUTSIDE CORNER FLASHING, T-JOINT COVERS, TERMINATION REGLETS, AND COVER STRIPS.  
WALK-WAY PADS: FACTORY FORMED, NON-POUROUS, HEAVY-DUTY SLIP RESISTANT PADS OR ROLLS ACCEPTABLE TO MEMBRANE ROOFING SYSTEM MANUFACTURER.  
ROOF ASSEMBLY SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.  
PROVIDE PATCH OVER ALL 'T'-LAP JOINTS IN THE ROOF.

## EXTERIOR ENVELOPE SEQUENCING MATRIX

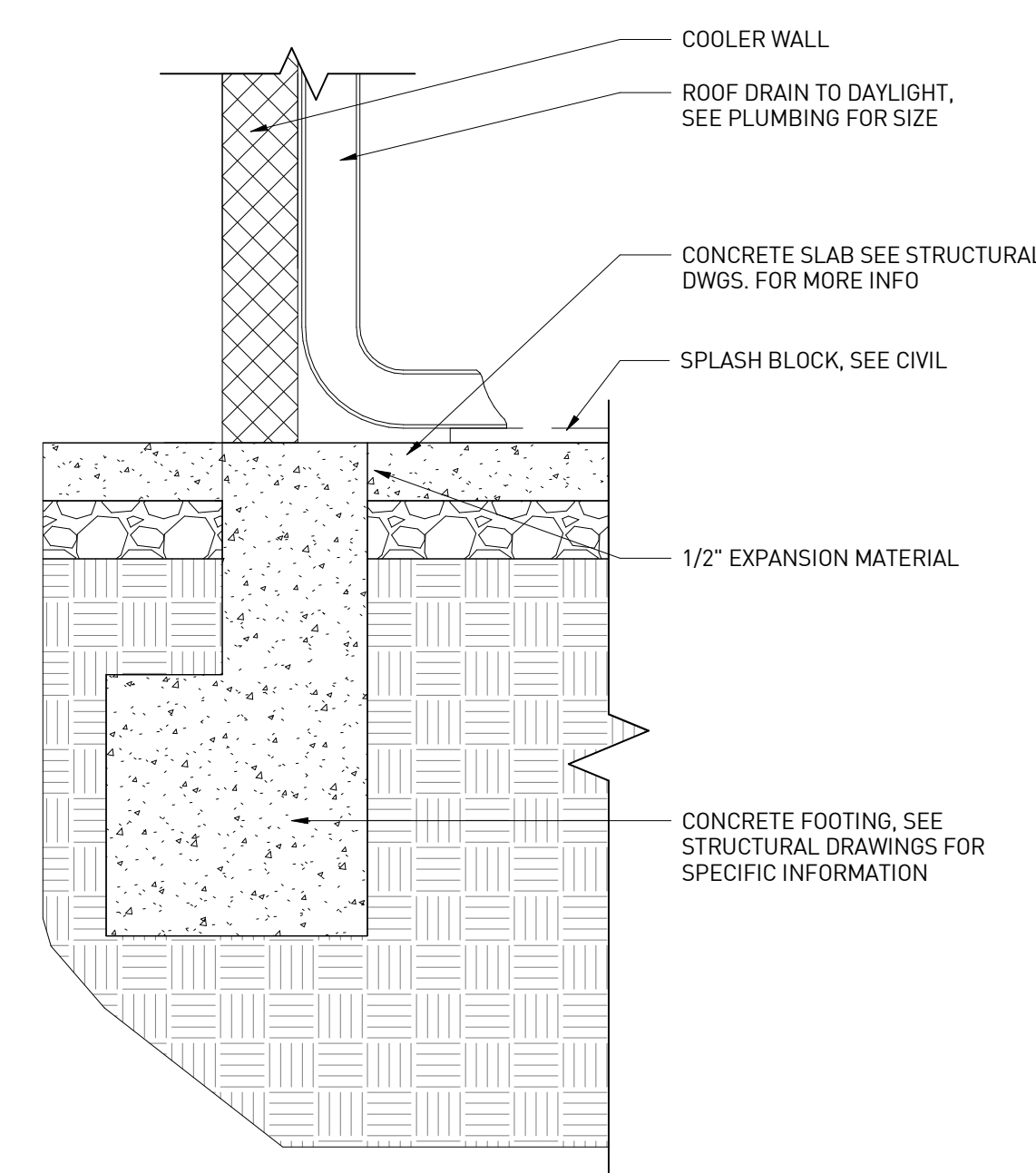
MATERIAL/ELEMENT	PROVIDED BY	INSTALLED BY	REMARKS
FOUNDATIONS	GC	GC	
FOUNDATION FOOTINGS / STEM WALLS	SIP CONTRACTOR	SIP CONTRACTOR	
FLOOR SLABS			
WALLS			
SOLE PLATES			
SOLE PLATE ANCHOR BOLTS & HOLD DOWN STRAPS			
SIPS LIFTED ONTO BASE			
PILASTERS			
TRANSITIONS/INTERSECTION/SPLINED TOGETHER			
TOP PLATES, UNO IN SIPS PLANS			
GLULAM/LVL LINTELS			
WOOD BLOCKING, UNO IN SIPS PLANS			
ELECTRICAL INSTALL AT PRE-DRILLED WIRE CHASE(S)			GC TO COORD ELEC INSTALL W/SIP VENDOR INSTALLATION
WATER RESISTANT BARRIER AT WALLS			
ROOF STRUCTURE			
TRUSS HANGERS/CLIPS			
WOOD TRUSSES			GC TO INSTALL CONCURRENTLY W/SIP VENDOR INSTALLATION
WOOD BLOCKING, UNO IN SIPS PLANS			
WOOD BLOCKING AT ROOFTOP PENETRATIONS			GC TO COORD WALL/ROOF FINISH FOR WEATHER TIGHT SEAL
WALL FINISH AT EXTERIOR			
WAINSCOT STARTER FLASHING/CLIPS/SPACERS			
KURASTONE WAINSCOT SILL			
KURASTONE VENEER PIECES UP TO SILL			
HORIZONTAL STARTER TRACK (UPSIDE DOWN...)			
FIBER CEMENT PANEL FLASHING/ STARTER TRACK			
FIBER CEMENT PANEL CLIPS/SPACERS			
FIBER CEMENT PANELS			
ROOF			
ROOF PANELS			
SIP BASED OVERHANGS/CANOPY			
PARAPET (WHERE INDEPENDENT OF SIP WALL)			
PARAPET RETURNS			
PARAPET KICKER PANELS			
ROOFTOP UNIT CURBS			
ROOFTOP UNIT PENETRATIONS			
GUTTERS/SCUPPERS/OVERFLOW			
CRICKETS / EDGE STRIPS			
TAPERED INSULATION			
TPO ROOFING			
ROOF PANEL TIE-DOWNS			
PARAPET CORING			
NON-SIP BASED OVERHANGS/CANOPY			
CONDENSERS / RTU			



ROOF PLAN | 1  
3/16" = 1'-0"



PARAPET BRACING DETAIL | 4  
1" = 1'-0"



ROOF DRAIN LEADER | 3  
1" = 1'-0"

NOT USED | 2  
1" = 1'-0"

CIRCLE K STORES, INC.

ANGIER, NC

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

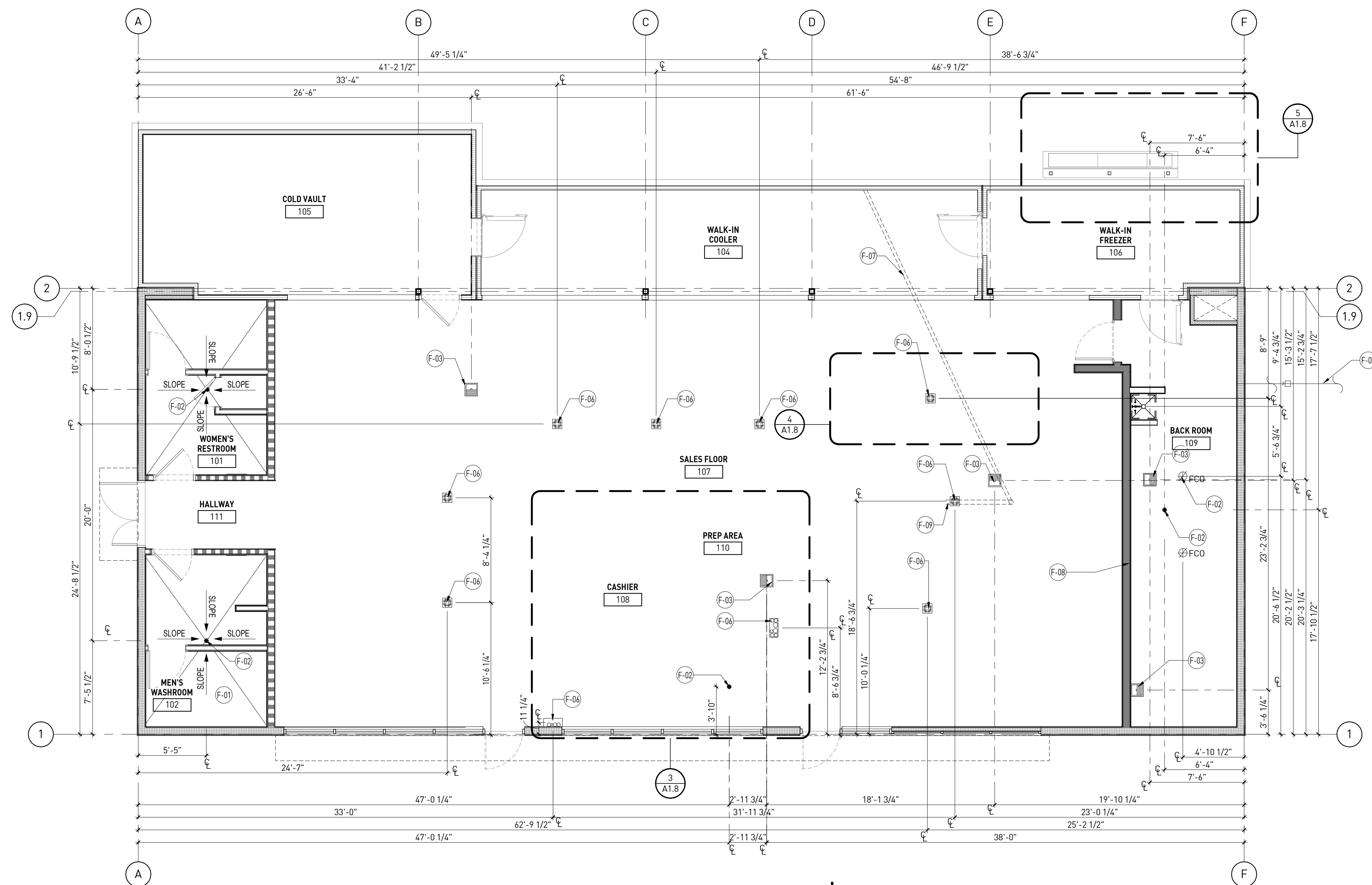


CIRCLE K STORE INC.

PROJECT NUMBER: 22130

ROOF PLAN AND  
DETAILS

A1.7



FLOOR PENETRATION PLAN | 1  
3/16" = 1'-0"

### KEY NOTES

NUMBER	DESCRIPTION
F-01	CONCRETE SLAB, SEE STRUCTURAL FOR REINFORCING
F-02	FLOOR DRAINS, SEE PLUMBING DRAWINGS
F-03	FLOOR SINK, SEE PLUMBING DRAWINGS
F-04	4" CONC. MOP CURBS AT ELECTRICAL FLOOR PENETRATIONS
F-05	DOMESTIC WATER POINT OF ENTRY, REF. SHEET P1.1.2
F-06	CONDUIT STUB, SEE ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION. CONDUIT & SLEEVE PIPE UNDER SLAB FOR REFRIGERATED ISLAND MERCHANDISER REFRIGERANT LINE, SLEEVE PIPE TO BE CUT FLUSH AND LEVEL WITH SLAB, SEE MECHANICAL DRAWINGS AND DETAIL 2/A1.8.
F-07	HUB DRAINS, REF. SHEET P1.1.1
F-09	3" CONDENSATE LINE CHASE - LARGE SWEEP

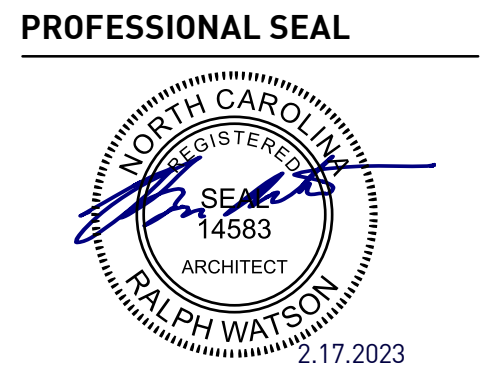
### GENERAL NOTES

- VERIFY ALL SLAB PENETRATION LOCATIONS WITH CIRCLE K PROJECT MANAGER AND EQUIPMENT
- CONTRACTOR SHALL ADEQUATELY SEAL ALL FLOOR, WALL AND ROOF PENETRATIONS.

# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**  
This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.



**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**  
RW

**PROJECT MANAGER**  
RM

**QUALITY CONTROL**  
JS

**DRAWN BY**  
YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

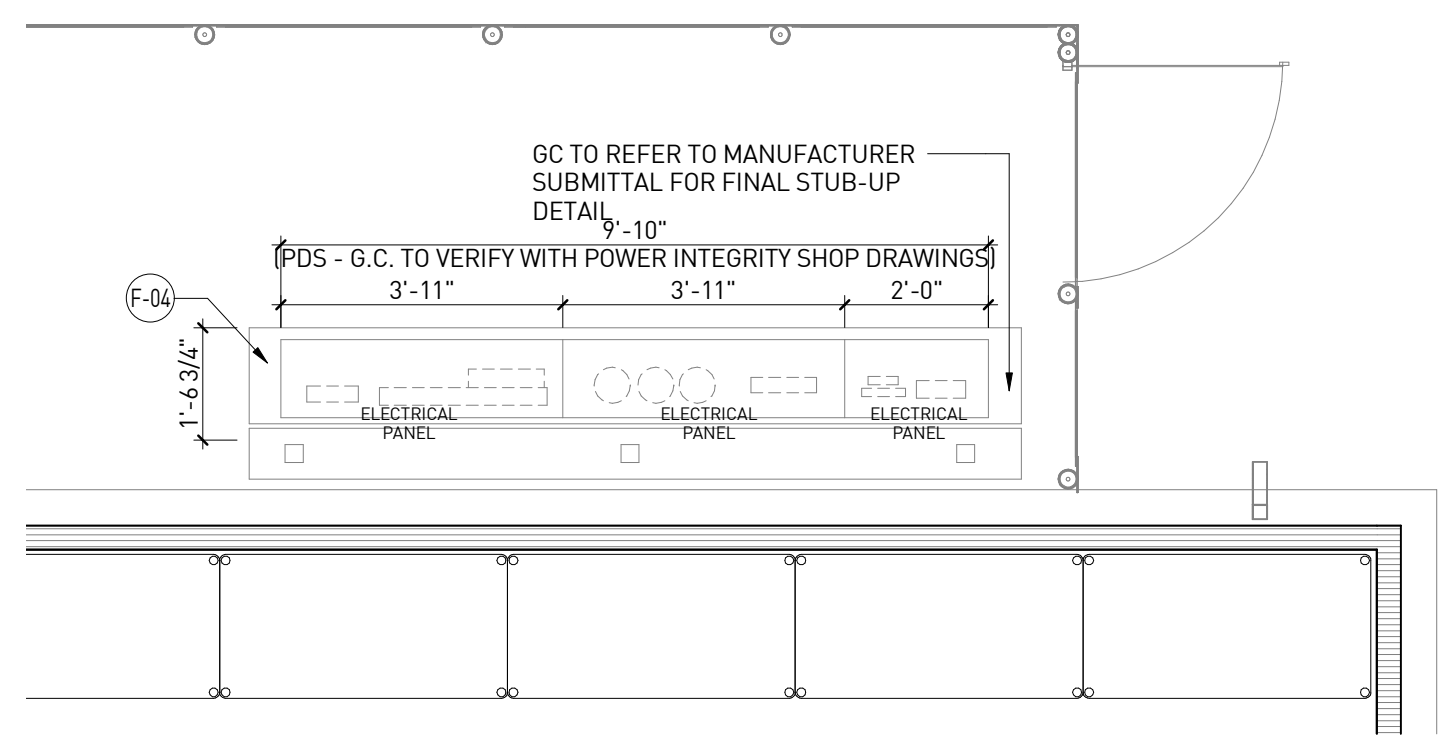


**CIRCLE K STORE INC.**

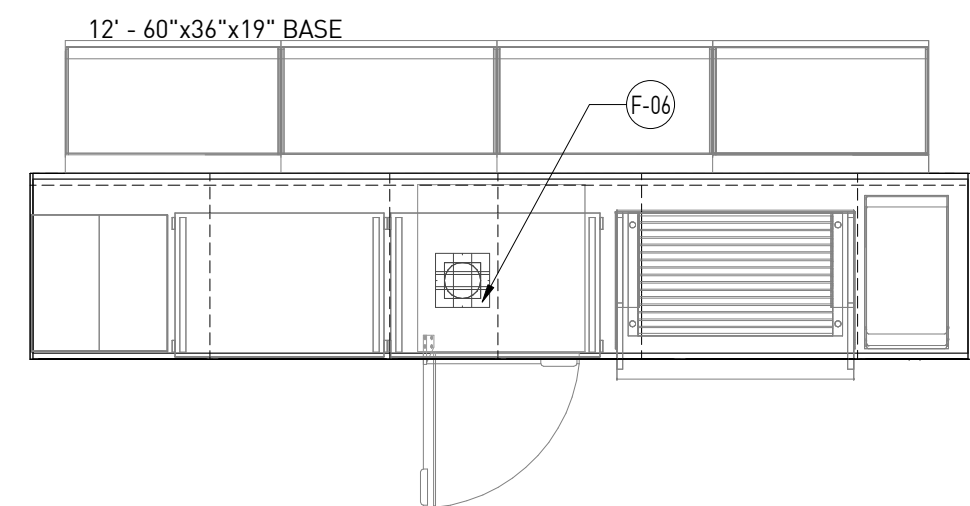
**PROJECT NUMBER: 22130**

**FLOOR PENETRATION PLAN**

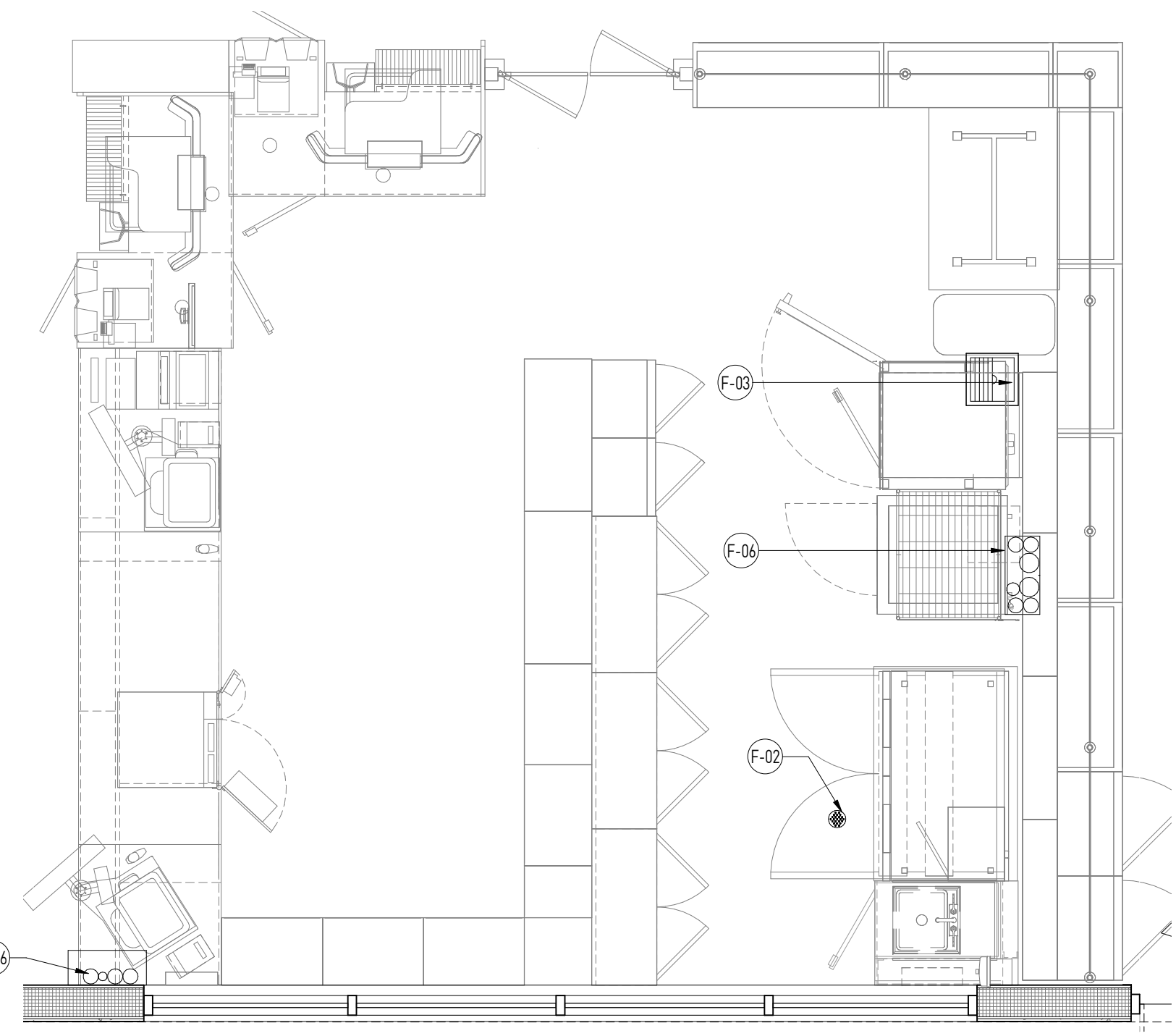
# A1.8



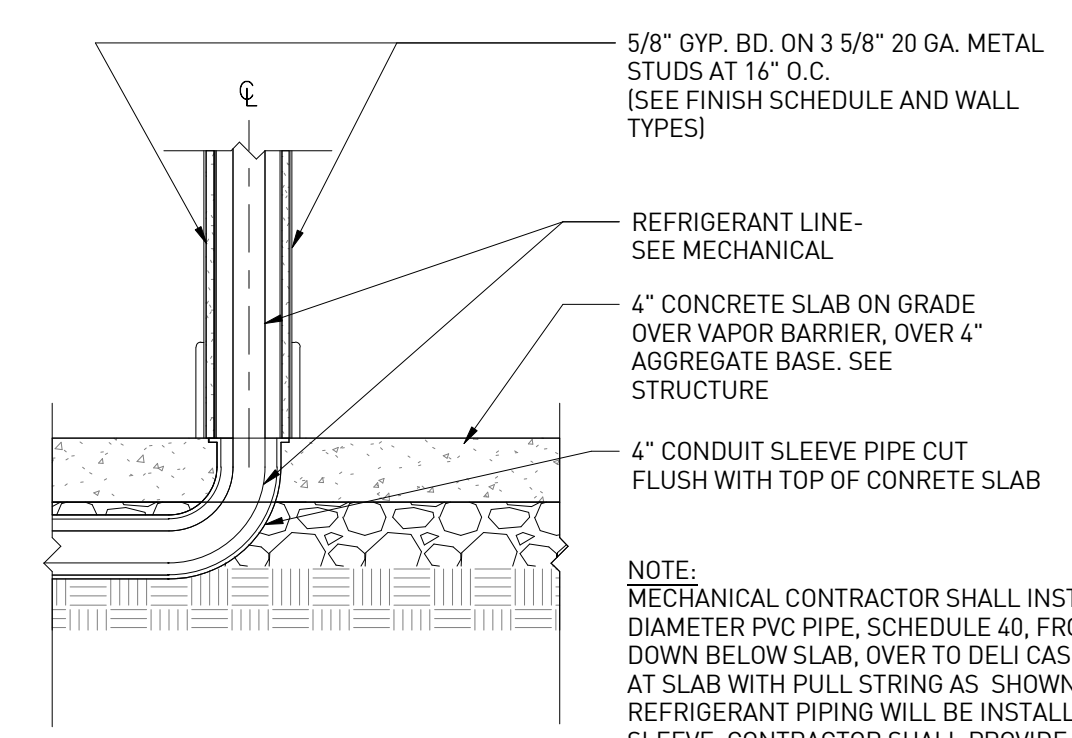
ENLARGED AT ELECTRICAL PANELS | 5  
3/8" = 1'-0"



ENLARGED AT HOT DOG GRILL | 4  
3/8" = 1'-0"



ENLARGED AT CASHIER AREA | 3  
3/8" = 1'-0"



DELI ISLAND CONDUIT DETAIL | 2  
1" = 1'-0"

5/8" GYP. BD. ON 3 5/8" 20 GA. METAL STUDS AT 16" O.C. (SEE FINISH SCHEDULE AND WALL TYPES)

REFRIGERANT LINE- SEE MECHANICAL

4" CONCRETE SLAB ON GRADE OVER VAPOR BARRIER, OVER 4" AGGREGATE BASE. SEE STRUCTURE

4" CONDUIT SLEEVE PIPE CUT FLUSH WITH TOP OF CONCRETE SLAB

**NOTE:**  
MECHANICAL CONTRACTOR SHALL INSTALL A 4" DIAMETER PVC PIPE, SCHEDULE 40, FROM TOP OF SLAB, DOWN BELOW SLAB, OVER TO DELI CASE AND TERMINATE AT SLAB WITH PULL STRING AS SHOWN. THE REFRIGERANT PIPING WILL BE INSTALLED IN THIS PIPE SLEEVE. CONTRACTOR SHALL PROVIDE LONG RADIUS TYPE SWEEP ELBOWS. MECHANICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR THE TIMING OF THIS INSTALLATION. PIPING SHALL BE CAPPED AT OPEN ENDS AS SOON AS IT IS INSTALLED TO PREVENT DIRT, DEBRIS, AND WATER FROM COLLECTING INSIDE OF PIPE. COORDINATE TERMINATION POINT AT SLAB WITH DELI CASE INSTALLATION INSTRUCTIONS. MECHANICAL CONTRACTOR SHALL COORDINATE ELEVATION OF PIPE BELOW SLAB WITH PLUMBING UTILITIES.

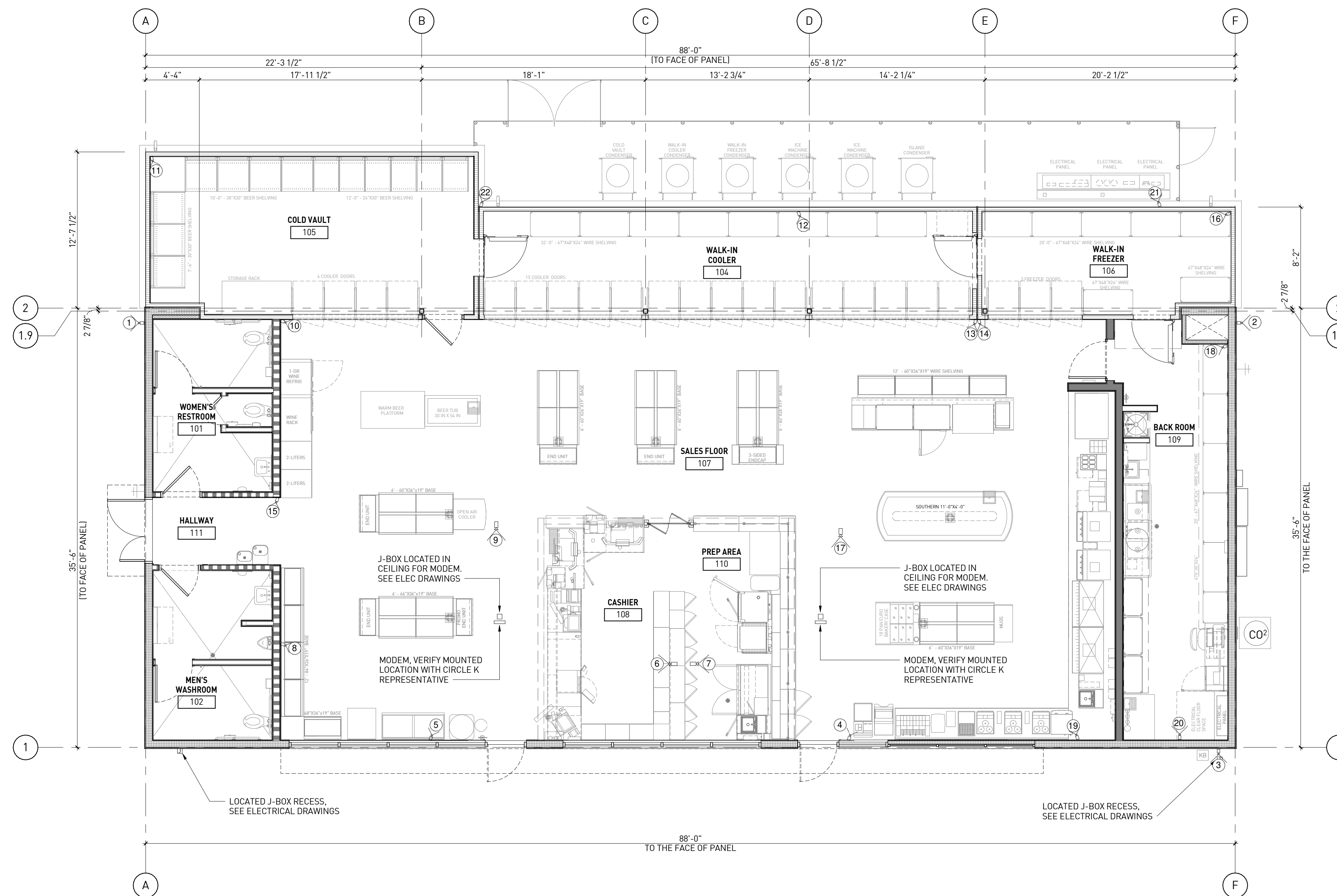


## GENERAL NOTES

1. SECURITY SYSTEM DESIGNED AND PROVIDED BY CIRCLE K
2. (X) INDICATES APPROXIMATE CAMERA LOCATIONS
3. FINAL CAMERA LOCATIONS TO BE DETERMINED BY CIRCLE K

## NOTES

1. VERIFY MUSIC & SPEAKERS LAYOUT WITH CIRCLE K REPRESENTATIVE
2. G.C. TO PULL ALL SPEAKER WIRE FOR STORE & CANOPY



SECURITY SYSTEM FLOOR PLAN | 1  
3/16" = 1'-0"



# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawing is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTP	02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

### PROJECT NAME

**CIRCLE K  
STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



CIRCLE K STORE INC.

PROJECT NUMBER: 22130

**SECURITY SYSTEM  
FLOOR PLAN**

A1.9

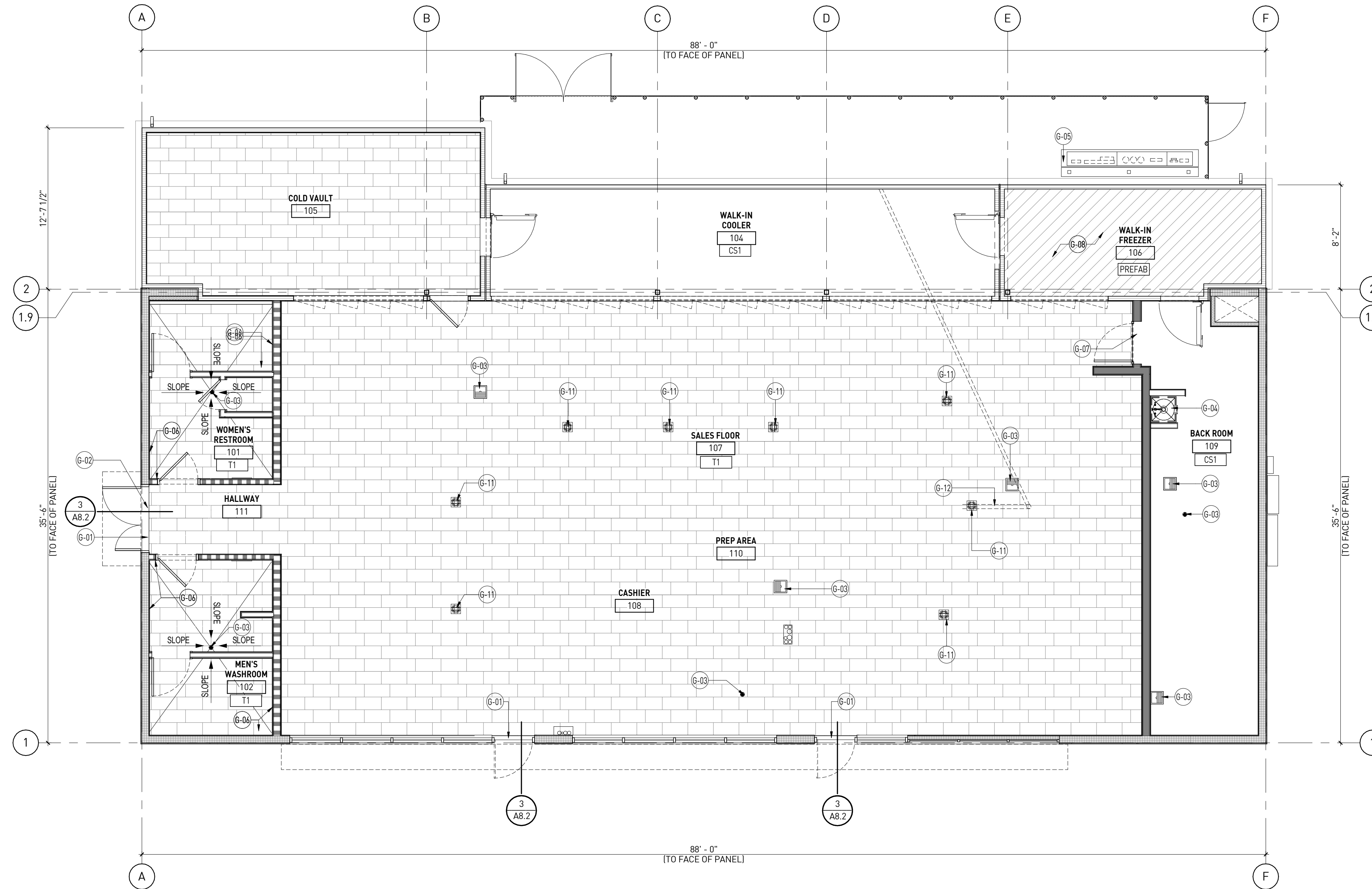
## KEY NOTES

NUMBER	DESCRIPTION
G-01	ALUMINUM THRESHOLD
G-02	START POINT OF TILE PATTERN
G-03	FLOOR DRAIN AND FLOOR SINK, SEE PLUMBING DRAWINGS
G-04	MOP SINK
G-05	4" HIGH CONCRETE CURB FOR ELEC. PANELS & LOW VOLTAGE.
G-06	WATERPROOFING MEMBRANE UNDER 9" AND UP TO WALL 9"
G-07	PROVIDE SCHLUTER "RENO-RAMP" FOR FLOOR TILE AND SEALED CONCRETE TERMINATION, SEE TR08 "INTERIOR FINISH" SPEC. ON SHEET A1.11
G-08	WALK-IN FREEZER FLOORING BY FREEZER MANUFACTURE.
G-11	FLOOR OUTLET, SEE FLOOR PENETRATION PLAN SHEET A1.8 AND ELECTRICAL DRAWINGS.
G-12	3" CONDENSATE LINE CHASE, SEE FLOOR PENETRATION PLAN SHEET A1.8

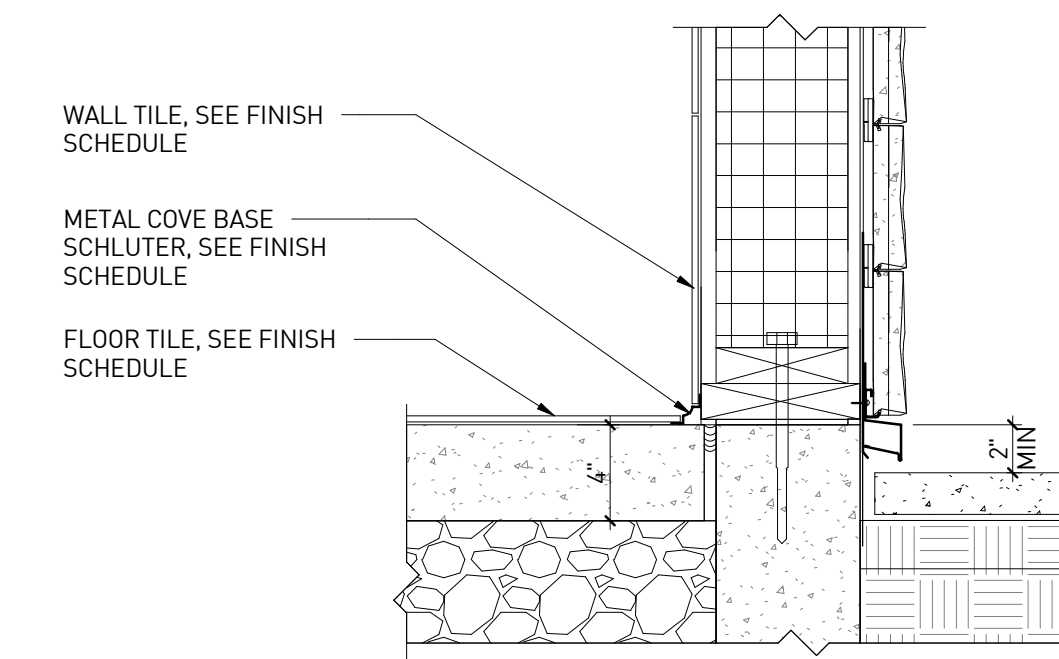
NOTE: SCHLUTER METAL COVE BASE FOR FLOOR TILE AND WALL TILE, SEE TR03 "INTERIOR FINISH" SPEC. ON SHEET A.11 AND DETAIL A/A1.10

## FLOOR TYPES

T1	12" X 24" WITH 1/3 OVERLAP, PORCELAIN TILE FINISH. SEE TILE SPECS ON SHEET A1.11
CS1	EXPOSED SEALED CONCRETE, SEE SPECS ON SHEET A1.11
PREFAB	REFRIGERATED FLOOR PANEL AT WALK IN FREEZER.



FLOOR FINISH PLAN | 1  
3/16" = 1'-0"



USE DETAIL 'A', FLOOR TILE TO METAL COVE SCHLUTER TO WALL TILE FOR RESTROOMS, HALLWAY AND SALES AREA.

DETAIL 'A' - METAL COVE BASE | 2  
1 1/2" = 1'-0"

# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawing is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTP	02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

### PROJECT NAME

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

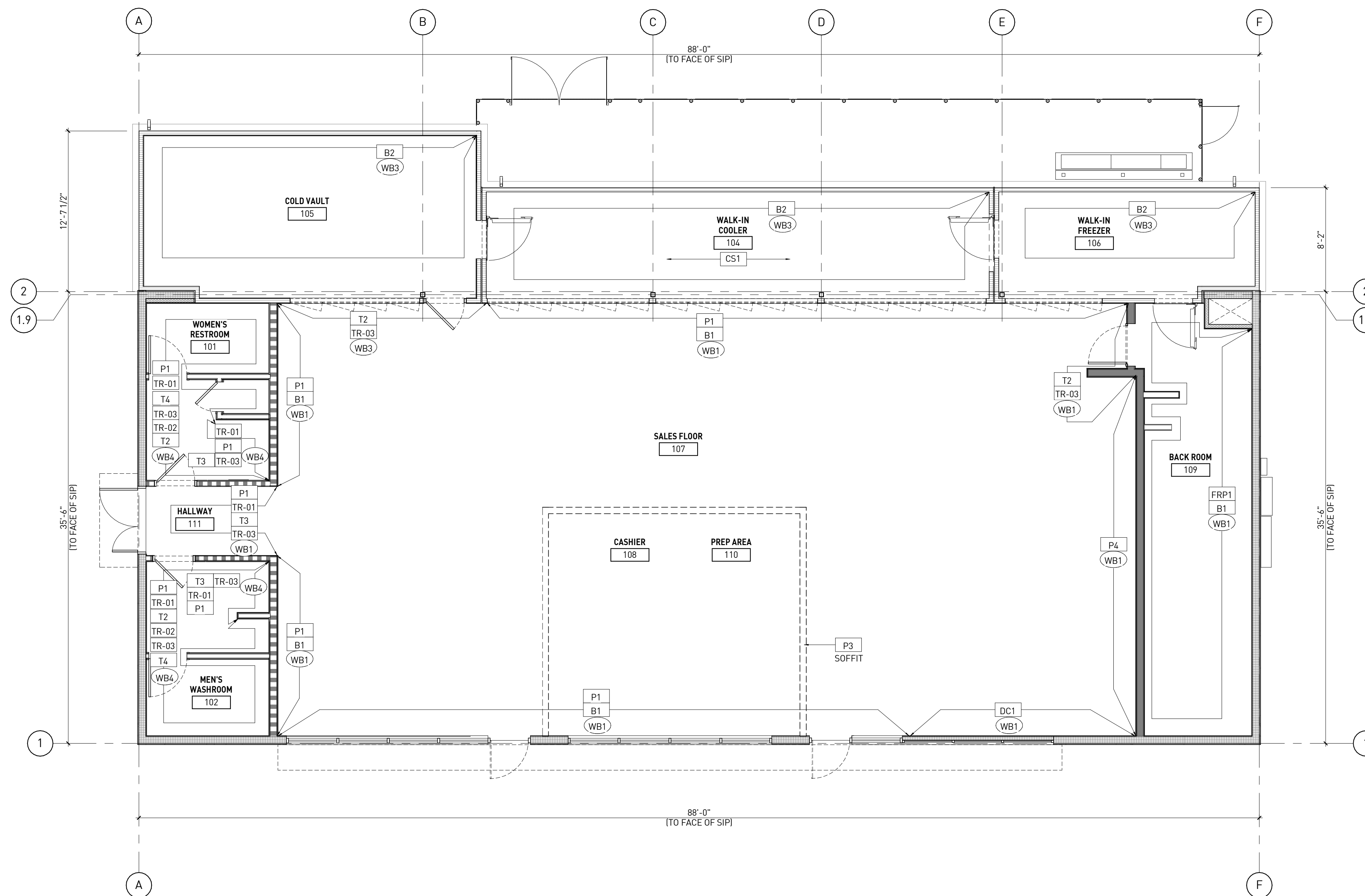


CIRCLE K STORE INC.

PROJECT NUMBER: 22130

FLOOR FINISH PLAN

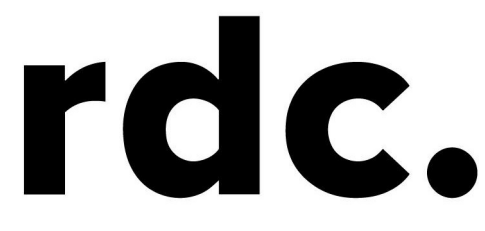
A1.10



WALL FINISH PLAN | 1  
3/16" = 1'-0"

### GENERAL NOTES

- INTERIOR FINISHES & DRYWALL FINISHING LEVELS
  - WALL/CEILING BOARD FINISH LEVEL
- FINISH PANELS TO LEVELS INDICATED BELOW, ACCORDING TO ASTM C 840, FOR LOCATIONS INDICATED:
- LEVEL 1 - CONCEALED AREAS: EMBED TAPE AT JOINTS IN CEILING PLENUM, BACK OF HOUSE AND OTHER CONCEALED AREAS UNLESS A HIGHER LEVEL OF FINISH IS REQUIRED FOR FIRE-RESISTANCE-RATED ASSEMBLIES AND SOUND-RATED ASSEMBLIES.
- LEVEL 2 - TILE SUBSTRATE: EMBED TAPE AND APPLY SEPARATE FIRST COAT OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES.
- LEVEL 3 - WALLCOVERINGS AND TEXTURED FINISHES: EMBED TAPE AND APPLY SEPARATE FIRST AND FILL COATS OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES.
- LEVEL 4 - EXPOSED, PAINTED GYPSUM BOARD: EMBED TAPE AND APPLY SEPARATE FIRST, FILL, AND FINISH COATS OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES, AND APPLY SKIM COAT OF JOINT COMPOUND OVER ENTIRE SURFACE, WHERE EGGSHELL, SEMI-GLOSS AND GLOSS PAINTS ARE INDICATED.
- LEVEL 5 - EXPOSED, PAINTED GYPSUM BOARD: EMBED TAPE AND APPLY SEPARATE FIRST, FILL, AND FINISH COATS OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES, AND APPLY SKIM COAT OF JOINT COMPOUND OVER ENTIRE SURFACE, WHERE EGGSHELL, SEMI-GLOSS AND GLOSS PAINTS ARE INDICATED.
- SEE SHEETS A3.1, A3.2 & A3.3 FOR INTERIOR ELEVATIONS.
  - SEE SHEET A1.6 FOR CEILING FINISH AND CEILING HEIGHTS.
  - SEE SHEET A1.6 FOR CEILING FINISH AND CEILING HEIGHTS.
  - SEE SHEET A1.6 FOR CEILING FINISH AND CEILING HEIGHTS.
  - SEE SHEET A1.6 FOR CEILING FINISH AND CEILING HEIGHTS.
  - SEE SHEET A1.10 FOR FLOOR FINISH



11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**  
This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.



**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**  
RW  
**PROJECT MANAGER**  
RM  
**QUALITY CONTROL**  
JS  
**DRAWN BY**  
YN  
**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**  
9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



**CIRCLE K STORE INC.**  
**PROJECT NUMBER: 22130**

**WALL FINISH PLAN AND FINISH SCHEDULE**

**A1.11**

INTERIOR FINISH MATERIALS							
Key / Category	Manufacturer	Type	Finish	Color	Substrate	Provided By	Description/Remarks
<b>Base</b>							
B1	Varies	4" Rubber Base	N/A	Black	WB1, WB2	GC	4" High rubber base, use inside and outside corners as needed
B2	Everidge	4" Coved	Metal	Silver Embossed	Cooler Box	CK	By Cooler/Freezer Vendor
B3	DaTile	Coved Tile Base	6X12 Tile	Portfolio PF10 Cotto	WB3	CK	P36C9T. Use Cove Base inside and outside corners as needed. Grout: G1
<b>Substrates</b>							
CB1	Varies	5/8" GCB	LEVEL 4 - See General Notes	N/A	To Studs	GC	5/8" Gypsum Ceiling Board - Level 4 Finish
WB1	Varies	5/8" GWB	LEVEL 3 - See General Notes	N/A	To SIP/OSB	GC	5/8" Gypsum Wall Board - Level 3 Finish
WB2	Varies	1/4" GWB	LEVEL 3 - See General Notes	N/A	To SIP	GC	1/4" Gypsum Wall Board - Level 3 Finish
WB3	Varies	1/4" CWB	LEVEL 2 - See General Notes	N/A	Cooler Box	GC	1/4" Cement wall board - Level 2 finish to accept tile. For Use on Cooler Walls.
WB4	Varies	5/8" CWB/SIP OSB	LEVEL 2 - See General Notes	N/A	Cooler...	GC	5/8" Cement wall board/SIP OSB - Level 2 finish to accept tile. All other wall tile applications.
PLY1	Varies	5/8" Plywood				GC	
<b>Suspended Ceilings</b>							
ACT1	Varies	2'x2'	Vinyl-Clad Sheetrock	White	Suspended	GC	15/16" Suspension system with 2'x2' T-Bar grid - Prefinished White
ACT2	Not Used						
ACT3	Varies	2'x2'	Vinyl-Clad Sheetrock	P3	Suspended	GC	15/16" Suspension system with 2'x2' T-Bar grid - P3
ACT4	Varies	2'x2'	Fine Fissured	White	Suspended	GC	15/16" Suspension system with 2'x2' T-Bar grid - Prefinished White
<b>Paints</b>							
P1	Sherwin Williams	Paint	Eggshell	SW7006 Extra White	WB1, WB2, WB3	GC	Most Walls
P2	Sherwin Williams	Paint	Flat	SW7006 Extra White	CB1	GC	Hard Deck Ceilings
P3	Sherwin Williams	Paint	Eggshell	SW6887 Navel	WB1	GC	CK Orange Walls and Soffits
P4	Sherwin Williams	Paint	Eggshell	SW6965 Hyper Blue	WB1	GC	Walls behind the fountain and Cold Beverage
P5	Sherwin Williams	Paint	Semi-Gloss	SW7017 Dorian Gray	Doors &...	GC	All interior doors and frames
P6	RAL	Powdercoat	Gloss	Black	Metal Cabinets	N/A	Provide on some cabinetry & gondola by Manufacturer
P7	RAL	Powdercoat	Gloss	Silver Cloud	Metal Cabinets	N/A	Provide on all cabinetry by manufacturer
<b>Tile</b>							
T1	DaTile	12"x24" Porcelain	Slate Attache'	Multi Brown	Concrete Slab	CK	Floor Tile with 1/3 overlap. Grout: G1, 3/16" Grout Line.
T2	DaTile	3"x6" Porcelain	Color Wheel Collection	Arctic White 0190	WB3, WB4	CK	Installed Vertically. Grout: G2, 1/16" Grout Line.
T3	DaTile	3"x6" Porcelain	Color Wheel Collection	Custom Tangerine	WB4	CK	Installed Vertically. Grout: G2, 1/16" Grout Line.
T4	DaTile	12"x24" Porcelain	Slate Attache'	Multi Brown	Concrete Slab	CK	Installed Horizontally, Restrooms only. Grout: G1 3/16" Grout Line.

INTERIOR FINISH MATERIALS							
Key / Category	Manufacturer	Type	Finish	Color	Substrate	Provided By	Description/Remarks
<b>Grouts</b>							
G1	Mapei	Ultracolor Plus FA	3/16" Grout Line	#10 Black	T1, T4	CK	For Use with All Slate Attache' Tile
G2	Mapei	Ultracolor Plus FA	1/16" Grout Line	#2 Pewter	T2, T3	CK	For Use with all 3"x6" Porcelain Tile
<b>Trims</b>							
TR01	Schluter	Rondec	RO80AE	Satin Anodized Alum	T2, T3	CK	To be used on all outside corner, and to cap/terminate Subway tile.
TR02	Schluter	Quadec	Q100AE	Satin Anodized Alum	T4-T2	CK	To be used to separate transition between T4 & T2; restrooms only.
TR03	Schluter	Metal Cove	AHK1S100AE	Satin Anodized Alum	T1-T2, T3	CK	To be used where any floor tile meets wall tile.
TR06	Schluter	Quadec In/Out Cnr	EV/Q100AE	Satin Anodized Alum	TR-02	CK	Inside/Outside Corners to be used with Quadec Schluter
TR07	Schluter	Connectors	Varies	Satin Anodized Alum	TR01, TR02, TR03	GC	Any Connectors needed for Schluter to be provided by Installer
TR08	Schluter	Reno Ramp	AERP100B65	Satin Anodized Alum	T1	GC	Tile Installer to provide and install ramp for transition from Tile to Concrete
TR09	Varies	2X2 Outside Corner	Stainless Steel	Stainless Steel	WB1	GC	2"X2" Outside Stainless Steel Corner Guards
<b>Misc.</b>							
PREFAB	Everidge	Cooler Panel	Aluminum	Silver Embossed	N/A	CK	Prefabricated insulated cooler box panels by manufacturer
CS1	WR Meadows	Concrete Sealer	VoComp	A20 Clear	Concrete Slab	GC	Scrub & Seal Floors that are exposed concrete. Apply per mfg recommendation
FRP1	Marlite	FRP	Pebbled	P-100 White or Equal	PLY1	GC	All Back Rooms - Use all standard trim for panels.
DC1	Décor Company	Décor	PVC Panel	Red Sunrise	WB1	CK	Décor Panels By Décor Company
DC2	Décor Company	Décor	PVC Panel	Blue Ribbed	WB1	CK	Décor Panels By Décor Company
DC3	Décor Company	Décor	PVC Panel	Orange Ribbed	WB1	CK	Décor Panels By Décor Company
DC4	Décor Company	Décor	PVC Panel	Red Ribbed	WB1	CK	Décor Panels By Décor Company
DC5	Décor Company	Décor	PVC Panel	Blue Prism	PREFAB	CK	Décor Panels By Décor Company
PLAM1	Wilsonart	Laminate	38 Finish	Natural Rift 7954-38	Cabinetry	N/A	Provide on all Cabinetry by Manufacturer
SS-1	Wilsonart	Solid Surface	N/A	Arctic Melange 9070ML	Countertops	CK	Provide on all Cabinetry by Manufacturer

# KEY NOTES

NUMBER	DESCRIPTION
E-3	DARK BRONZE ANODIZED WINDOW FRAMING W/ CLEAR GLASS WINDOW SYSTEM
E-4	INTERNALLY ILLUMINATED SIGN (UNDER SEPERATE PERMIT) GC TO PROVIDE COMPRESSION SLEEVES AND BLOCKING FOR THRU-BOLT CONNECTIONS, SEE SIP PLANS AND COORDINATE WITH SIGNAGE VENDOR AS REQ.
E-5	DARK BRONZE ANODIZED DOOR W/ CLEAR GLASS STOREFRONT SYSTEM
E-7	PRE-FINISHED METAL FASCIA
E-8	NICHIHA FIBER CEMENT WALL PANEL SYSTEM
E-9	WALL MOUNTED LIGHT FIXTURE, COLOR: BRONZE. SEE ELECTRICAL PLANS
E-10	SERVICE DISCONNECT LOCATION. SEE ELECTRICAL PLAN
E-11	ROOF LINE AND HVAC UNITS
E-12	COLD VAULT CONDENSING UNIT, SEE MECHANICAL DRAWINGS.
E-13	DOWNSPOUT, RE. PLUMBING PLAN
E-14	ADDRESSING LOCATION: 8" TALL INCH BLACK NUMBERS. FINAL AREA LOCATION TO BE DETERMINED BY FIRE DEPARTMENT.
E-15	WALK-IN FREEZER CONDENSING UNIT, SEE MECHANICAL DWGS.
E-16	WALK-IN COOLER CONDENSING UNIT, SEE MECHANICAL DWGS
E-17	ICE MACHINE CONDENSING UNIT, SEE MECHANICAL DRAWINGS.
E-18	PARAPET WALL BEYOND
E-19	(KNOW) KEY BOX AT 4'-0" AFF (IF REQUIRED BY FIRE DEPARTMENT).
E-21	ALUMINUM AWNING WITH SUPPORT RODS ABOVE THE FRONT ENTRY DOOR BY CIRCLE K VENDOR. PROVIDE SUPPORT BLOCKING AND HARDWARE, AS REQ - SEE DETAIL 2/A1.6 & 3/A1.6.
E-22	EMERGENCY FUEL SHUT-OFF SWITCH, LOCATE PER FUEL SHEETS
E-23	DOOR DECAL, PROVIDED AND INSTALLED BY GRAPHIC VENDOR
E-24	NICHIHA ESSENTIAL "STARTER" FLASHING
E-25	CO2 TANK WITH METAL LOUVERED CONTAINER
E-27	GUTTER AND DOWNSPOUTS: SEE PLUMBING DWGS.
E-29	METAL ROOF ACCESS LADDERPORT: BDD: LADDERPORT MODEL F1101 (DARK BROWN), SEE DETAIL 7/A8.3
E-30	CONTROL/EXPANSION JOINT "E.J." LOCATION, SEE DETAIL 5/A8.1
E-33	PRE-MANUFACTURED COOLER/FREEZER
E-34	FCB CONDENSING UNIT, SEE MECHANICAL DRAWINGS
E-35	EXTERIOR ELECTRICAL PANELS, SEE ELECTRICAL PLANS
E-36	DARK BRONZE ANODIZED WINDOW FRAME WITH SPANDREL GLASS
E-37	PRE-FINISHED METAL CORNICE



11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTP	02/15/23

# FINISH SCHEDULE

- A - \*\*\*NICHIHA VINTAGE BRICK: WHITE WASH
  - B PAINT TO MATCH ADJACENT
  - C - 1" INSULATED, DOUBLE PANED CLEAR GLASS
  - D - \*SHERWIN WILLIAMS #SW 4081  
- \*\*SAFETY RED
  - E - \*SHERWIN WILLIAMS #SW 7005  
- CIRCLE K WHITE
  - F - ICES® WALK-IN STANDARD FINISH  
- STUCCO EMBOSSED METAL WITH A FACTORY BASED ON POLYESTER COATING  
- MIST GRAY
  - G NOT USED
  - H - \*SHERWIN WILLIAMS #SW 6090 "JAVA"  
(USE FOR PRE-FINISHED METAL FASCIA, GUTTER, DOWNSPOUT, & CORNICE)
  - I - CIRCLE K ORANGE #PM5 144
  - J - PAINT TO MATCH MIST GRAY
  - K - COLOR TO MATCH MIST GRAY
- \*USE SHERWIN WILLIAMS MANUFACTURE ONLY  
\*\*COLOR TO BE PRE-ORDERED TO ENSURE AVAILABILITY AT TIME OF CONSTRUCTION  
\*\*\*COORDINATE WITH OWNER'S REP

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

### PROJECT NAME

## CIRCLE K STORES, INC.

### ANGIER, NC

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

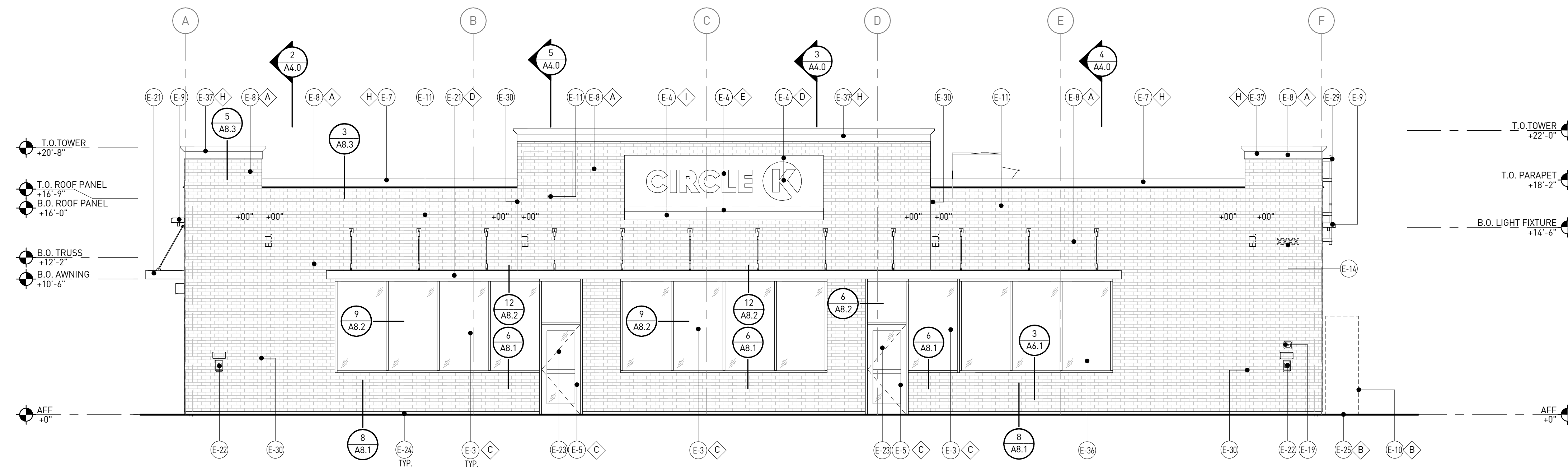


CIRCLE K STORE INC.

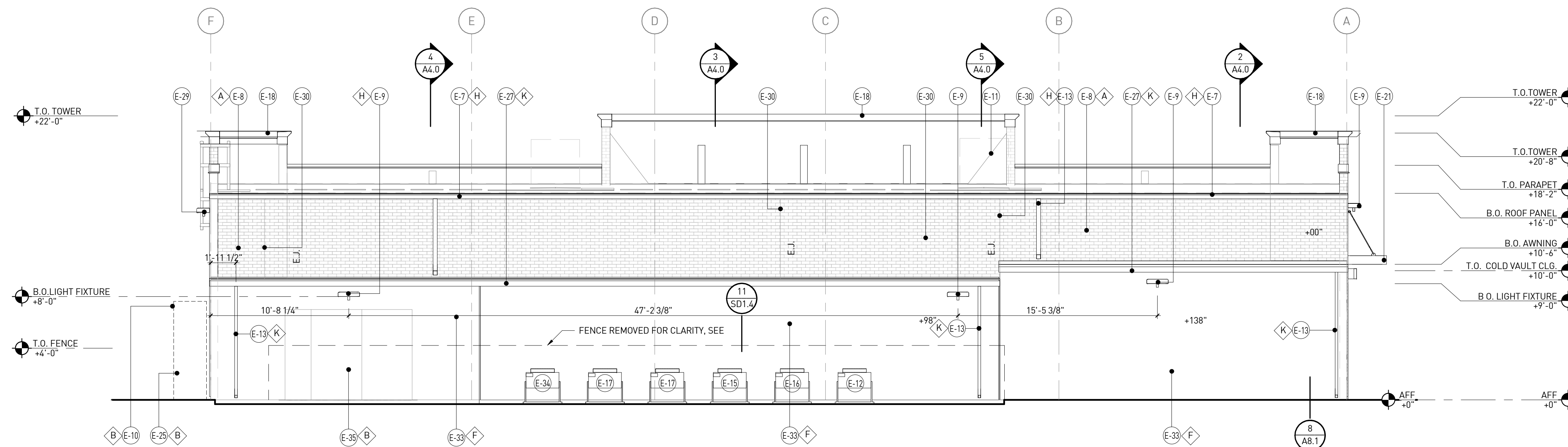
PROJECT NUMBER: 22130

### EXTERIOR ELEVATIONS

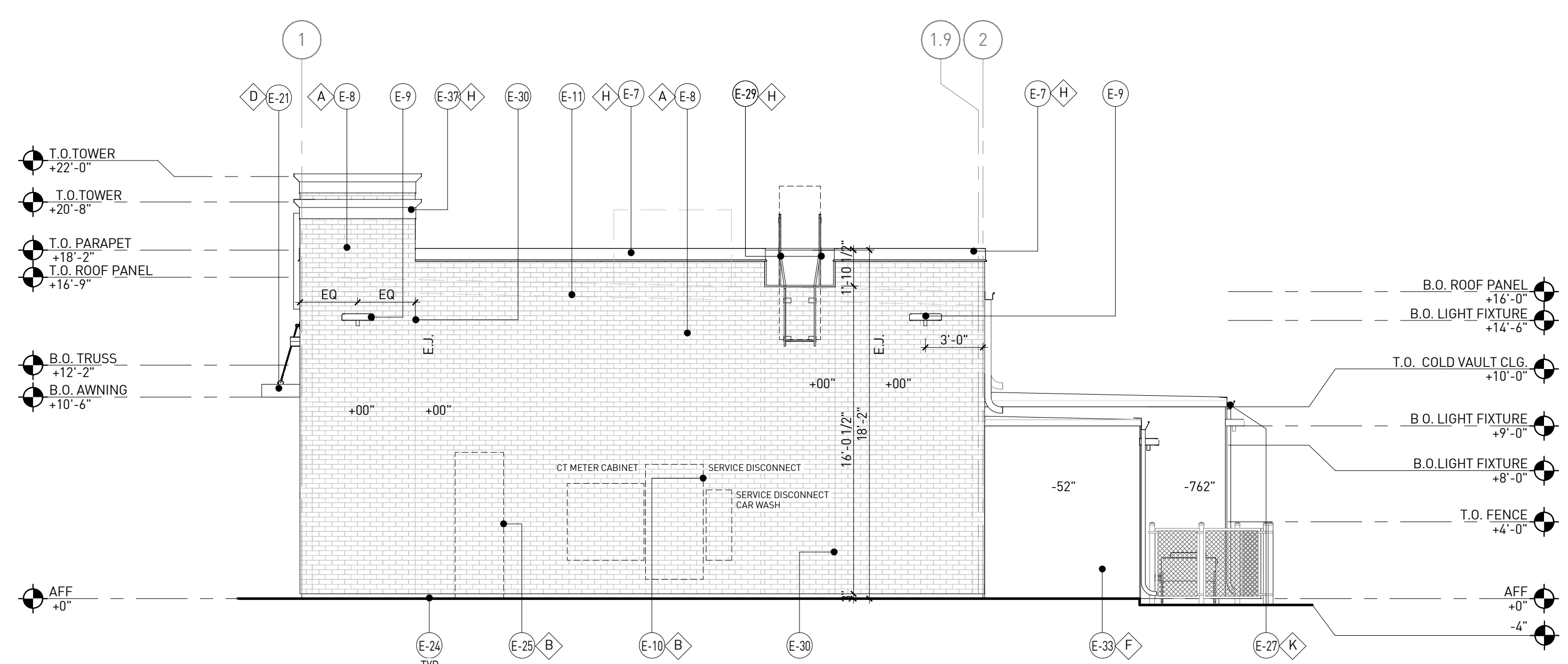
A2.1



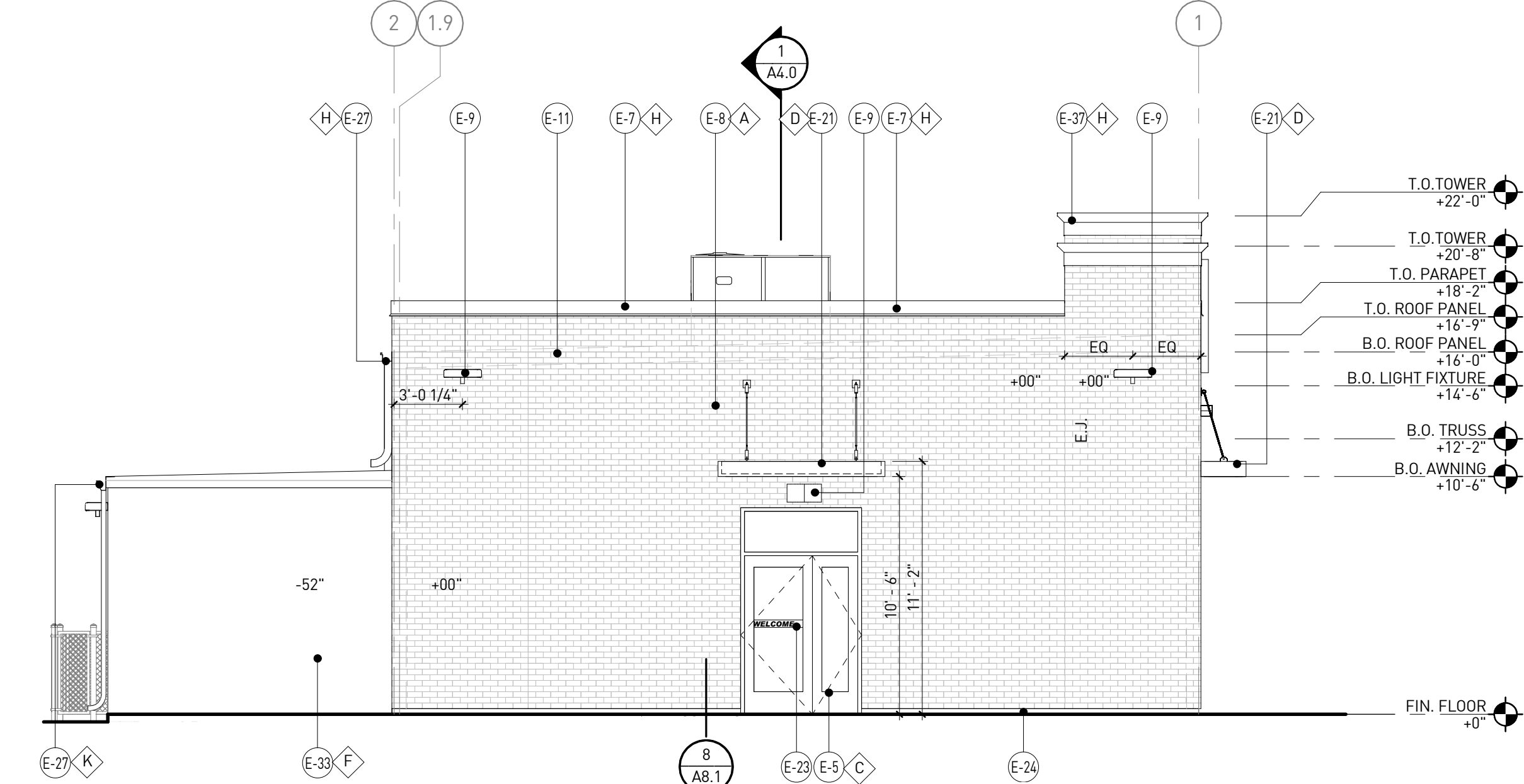
FRONT ELEVATION (EAST) | 1  
3/16" = 1'-0"



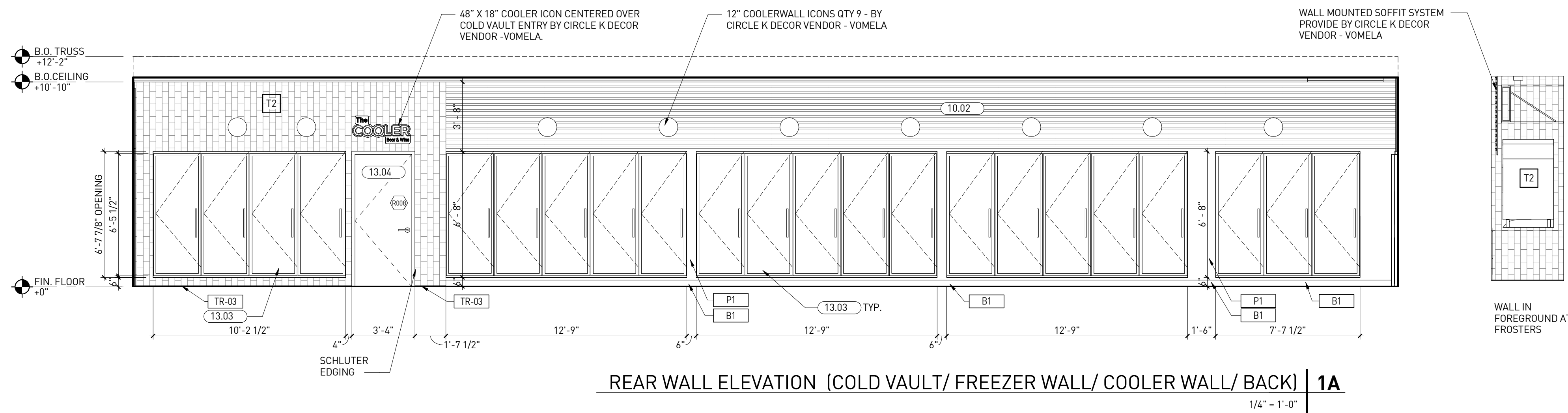
BACK ELEVATION (WEST) | 2  
3/16" = 1'-0"



SIDE ELEVATION (NORTH) | 3  
3/16" = 1'-0"



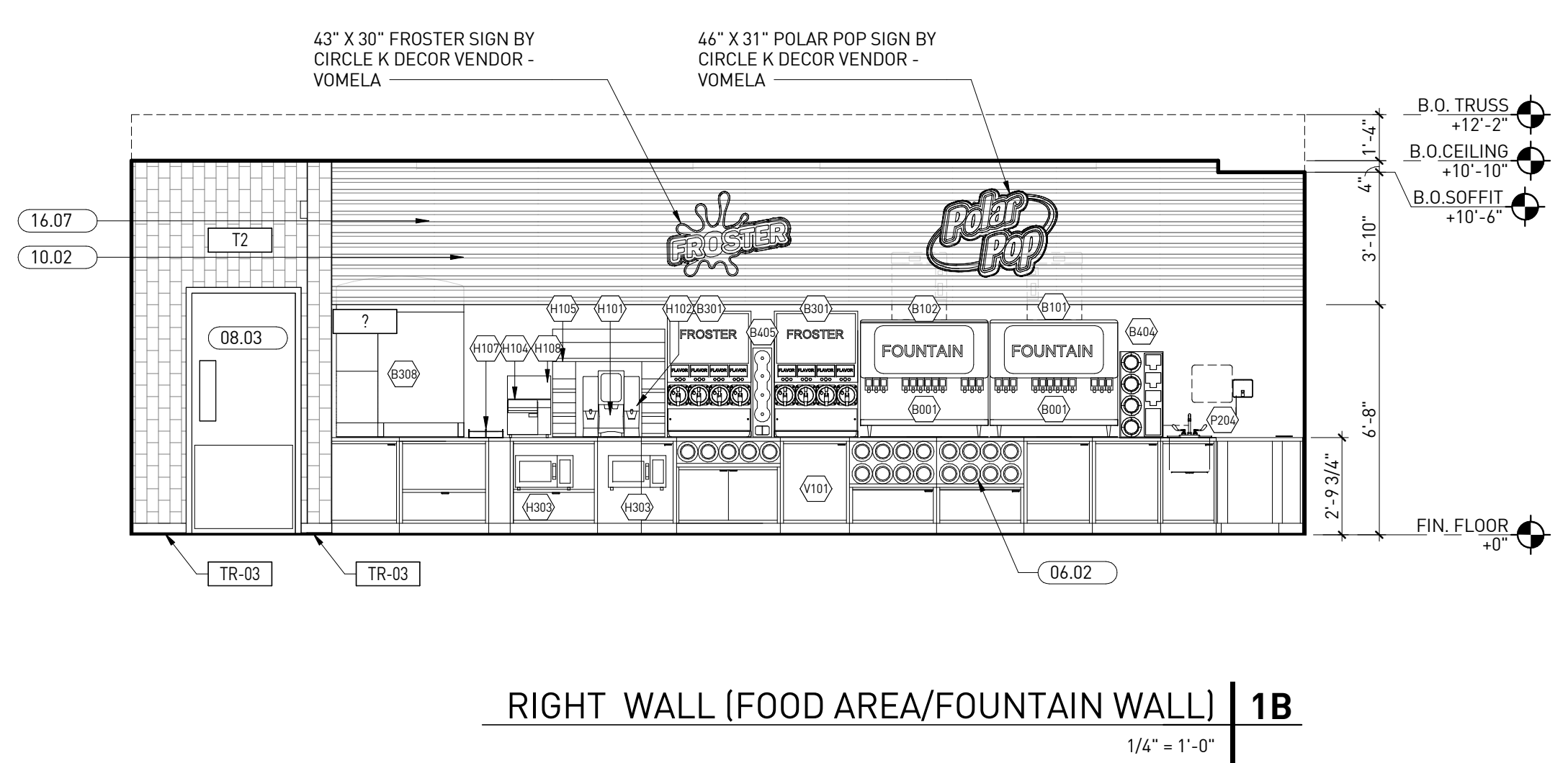
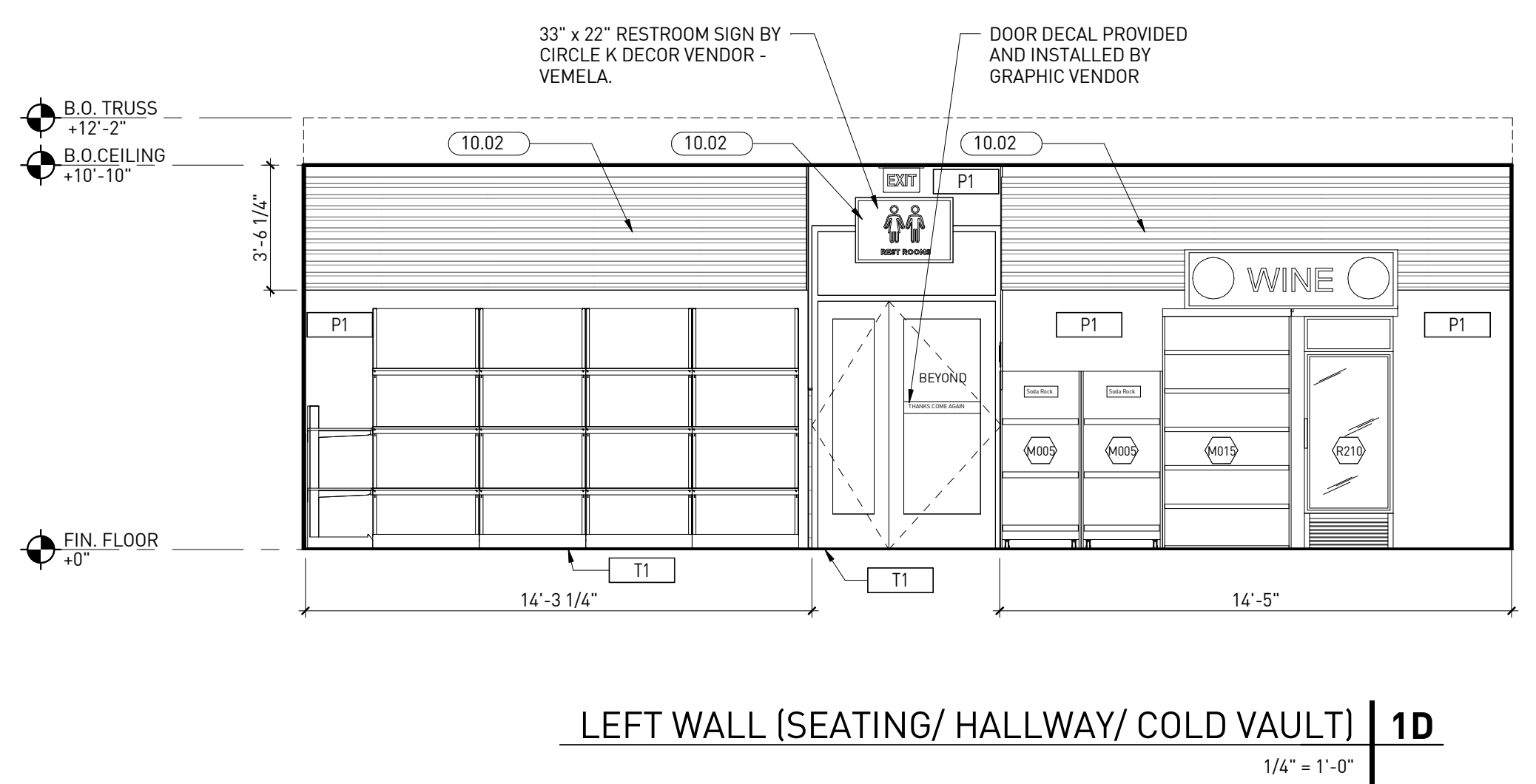
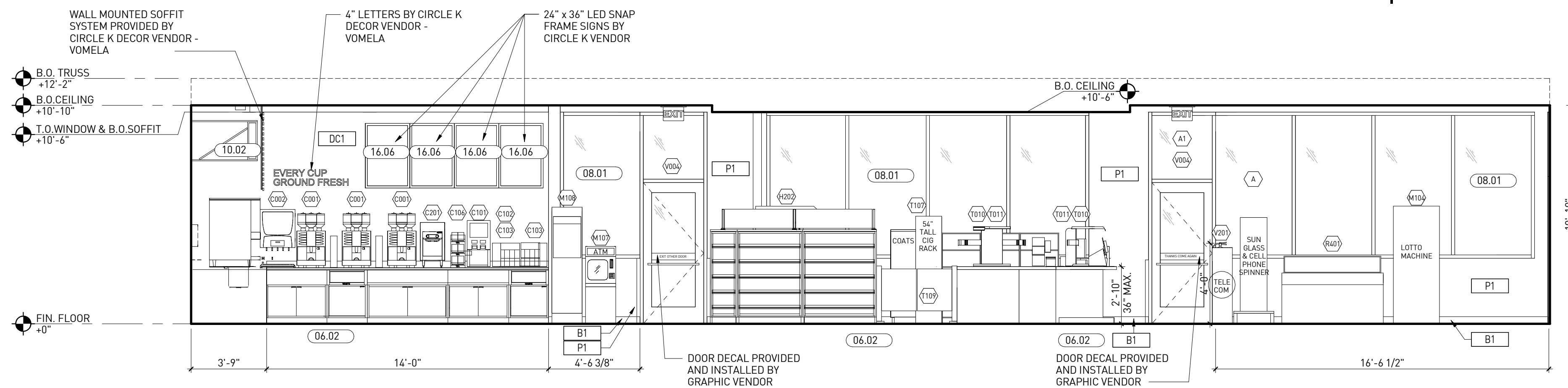
SIDE ELEVATION (SOUTH) | 4  
3/16" = 1'-0"



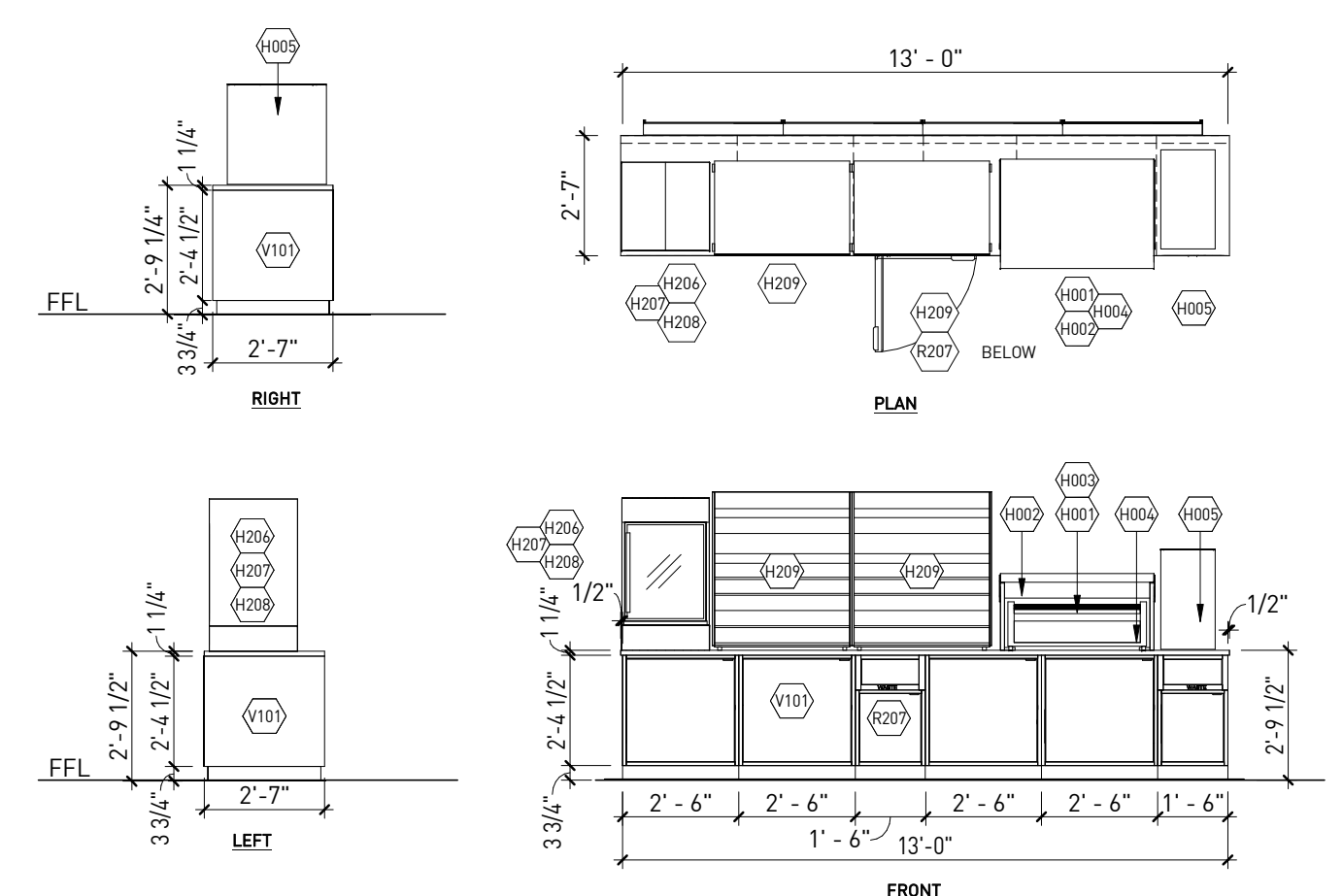
### KEYNOTES

NUMBER	DESCRIPTION
06.02	CUSTOM CASEWORK SUPPLIED BY CIRCLE K, INSTALLED BY OTHERS.
08.01	ALUMINUM STOREFRONT SYSTEM, SEE SHEET A6.0.
08.02	INSULATED METAL DOOR IN HOLLOW METAL FRAME. SEE DOOR SCHEDULE ON SHEET A6.0.
08.03	HOLLOW METAL DOOR IN HOLLOW METAL FRAME. SEE DOOR SCHEDULE ON SHEET A6.0.
10.02	GRAPHICS SUPPLIED BY CIRCLE K DECOR VENDOR - NO WALL PENETRATIONS IN GRAPHIC AREAS.
13.03	COOLER REACH-IN DOOR BY MANUFACTURER.
13.04	COLD VAULT DOOR BY MANUFACTURER.
16.06	LED LIGHTING BY VENDOR.
16.07	WALL MOUNTED BLUE LED LIGHTING. SEE ELECTRICAL.

- ### GENERAL NOTES
- SEE SHEET A1.4, A1.5.1, A1.5.2 & A1.5.3 FOR EQUIPMENT.
  - VERIFY EQUIPMENT LAYOUT WITH CIRCLE K
  - ATM SHALL COMPLY WITH SECTIONS 220 AND 707 OF THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
  - THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE EXPOSED PORTIONS OF DINING SURFACES AND WORK SURFACES. ICC A117.1-2009 CHAPTER 9, SEC 902.3
  - SEE SHEET A1.11 FOR INTERIOR FINISHES



## 1. INTERIOR ELEVATIONS AT SALES FLOOR



## 2. CABINET ELEVATIONS AT SALES FLOOR



11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**  
This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.



### REVISIONS

ISSUE	DATE
OTF	02/15/23

**PROFESSIONAL IN CHARGE**  
RW  
**PROJECT MANAGER**  
RM  
**QUALITY CONTROL**  
JS  
**DRAWN BY**  
YN  
**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

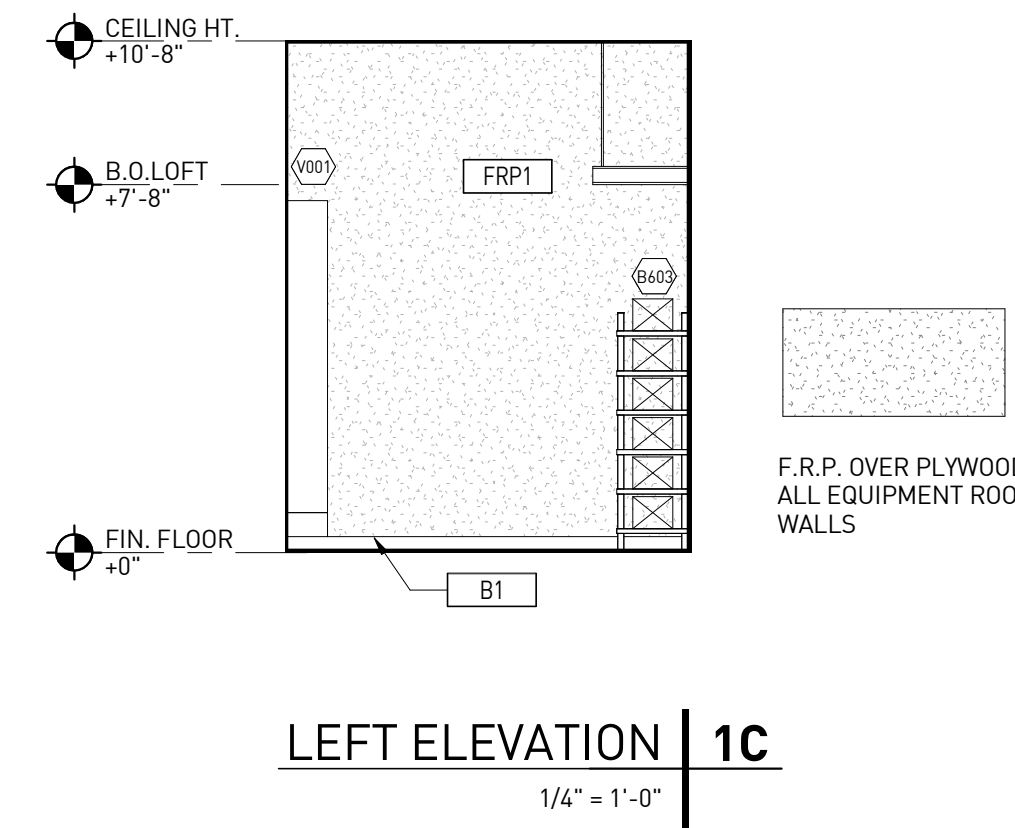
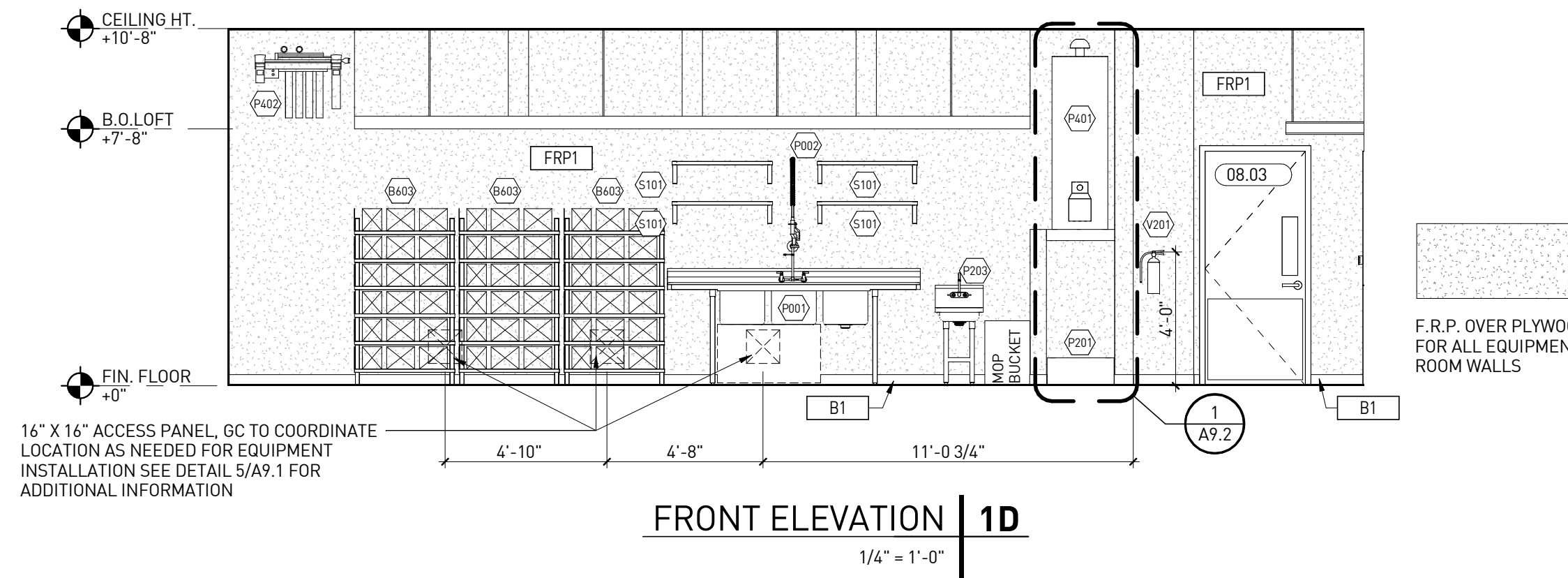
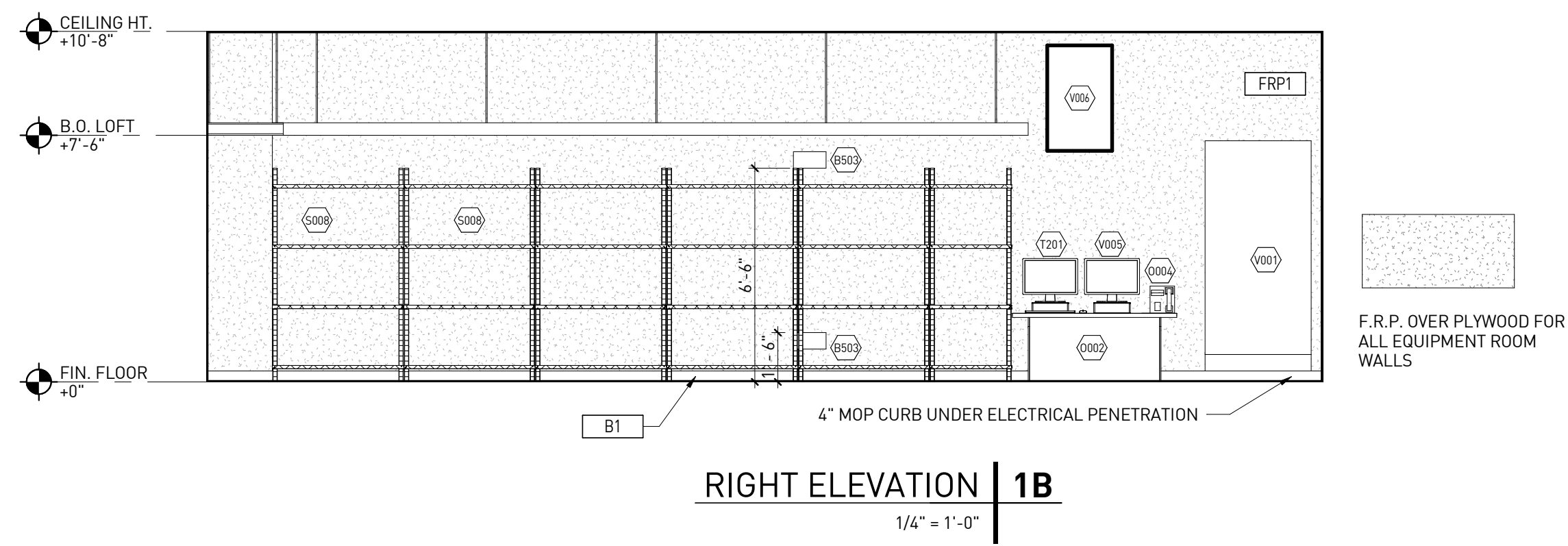
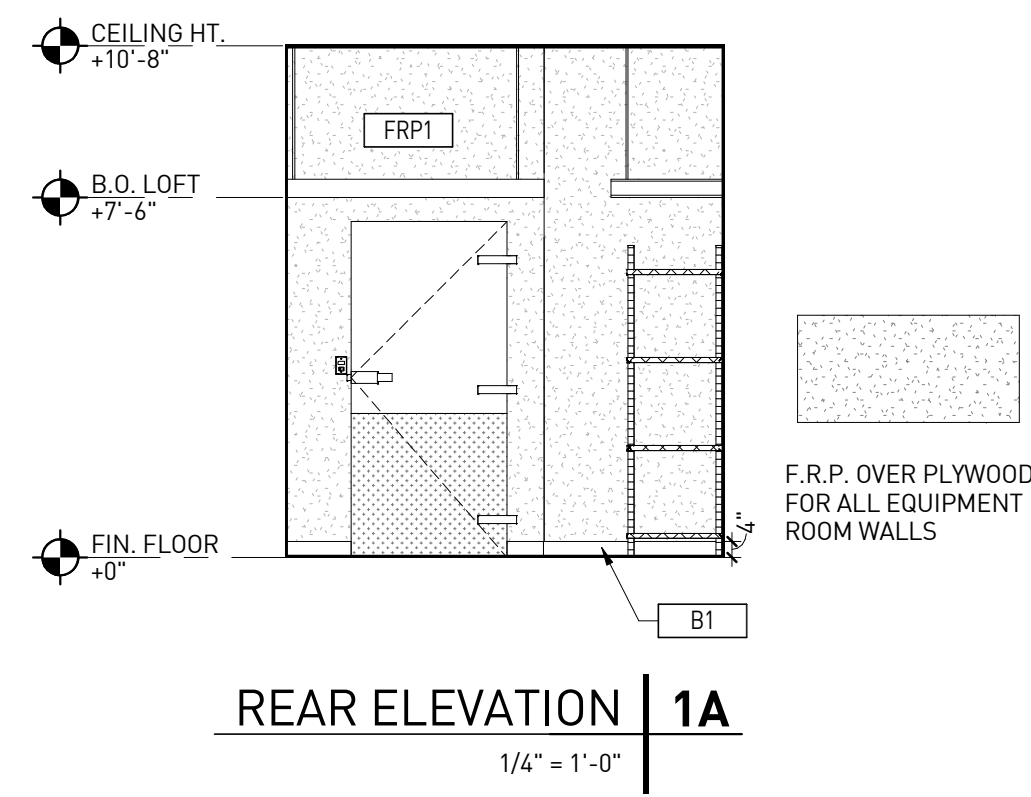
PROTOCOL # R1.1 11/21/22



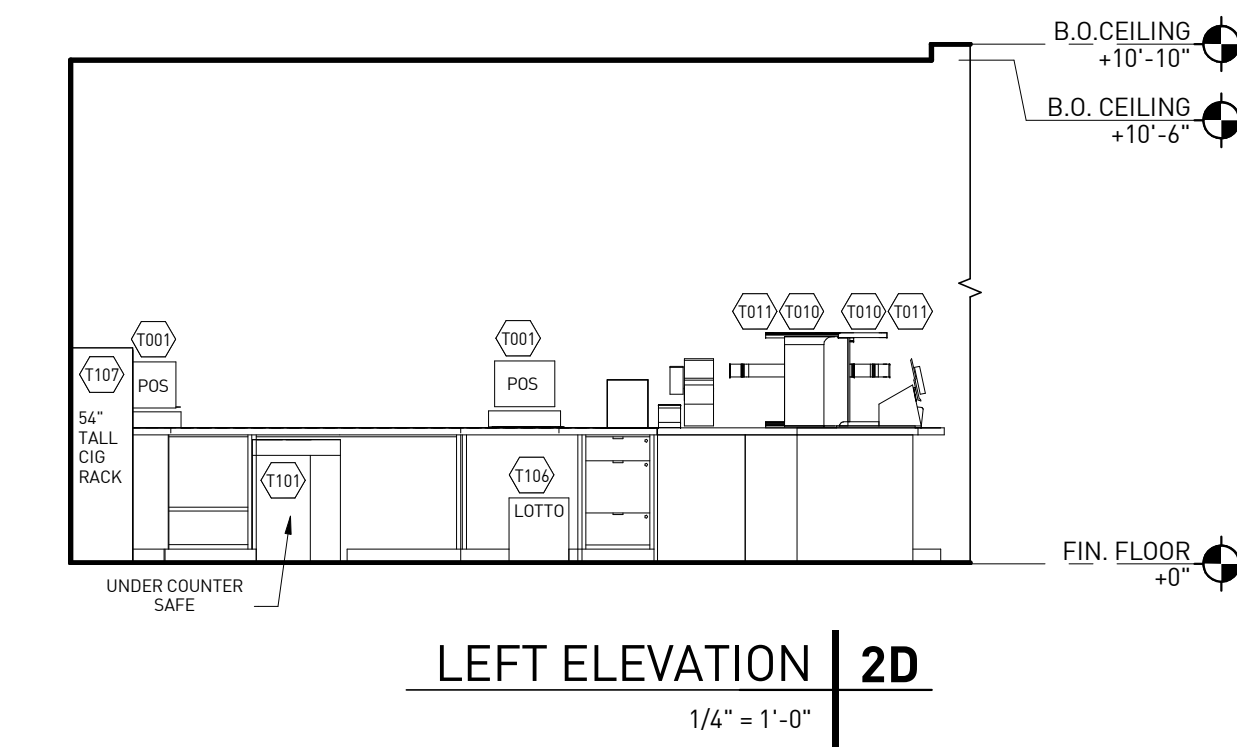
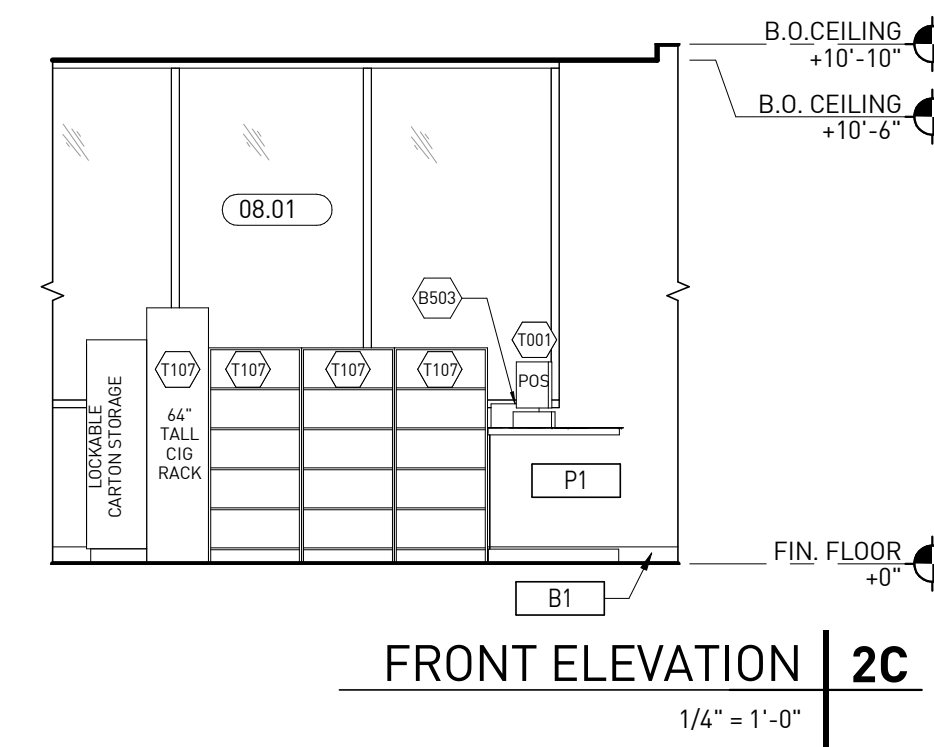
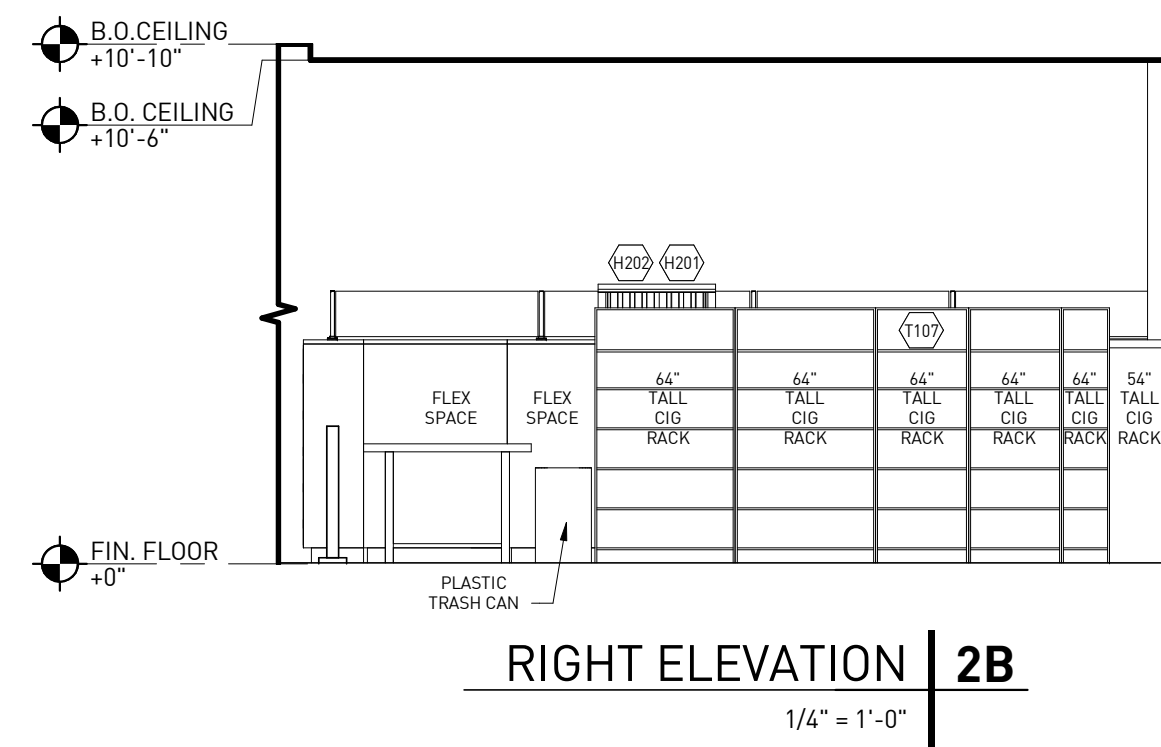
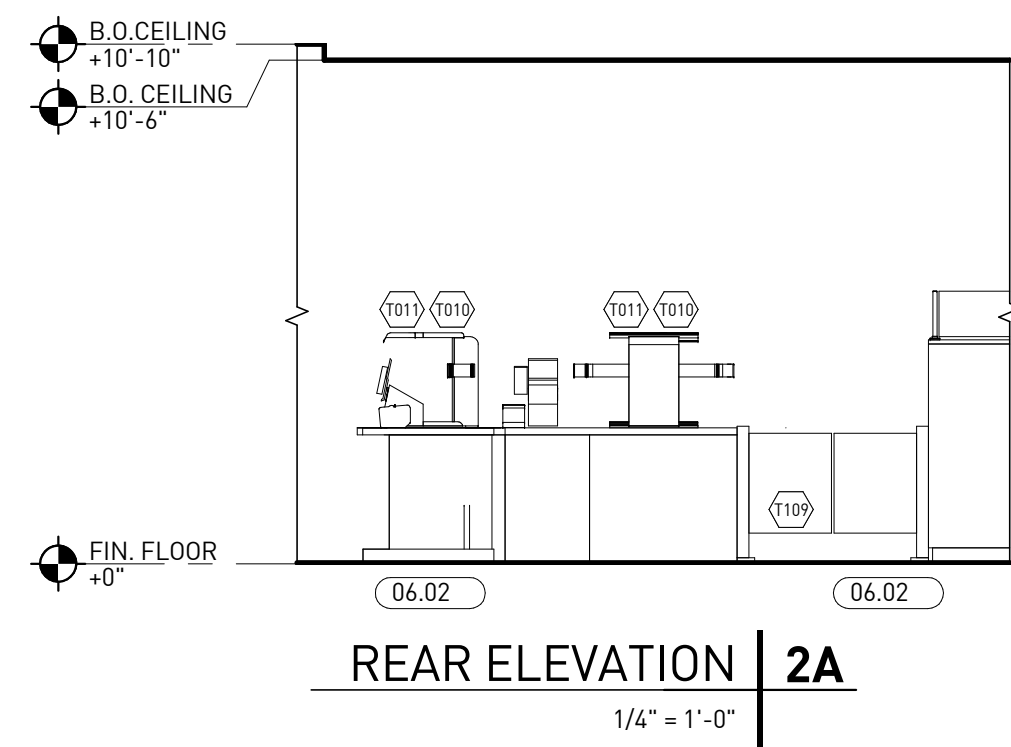
**CIRCLE K STORE INC.**  
**PROJECT NUMBER: 22130**

**INTERIOR ELEVATIONS**

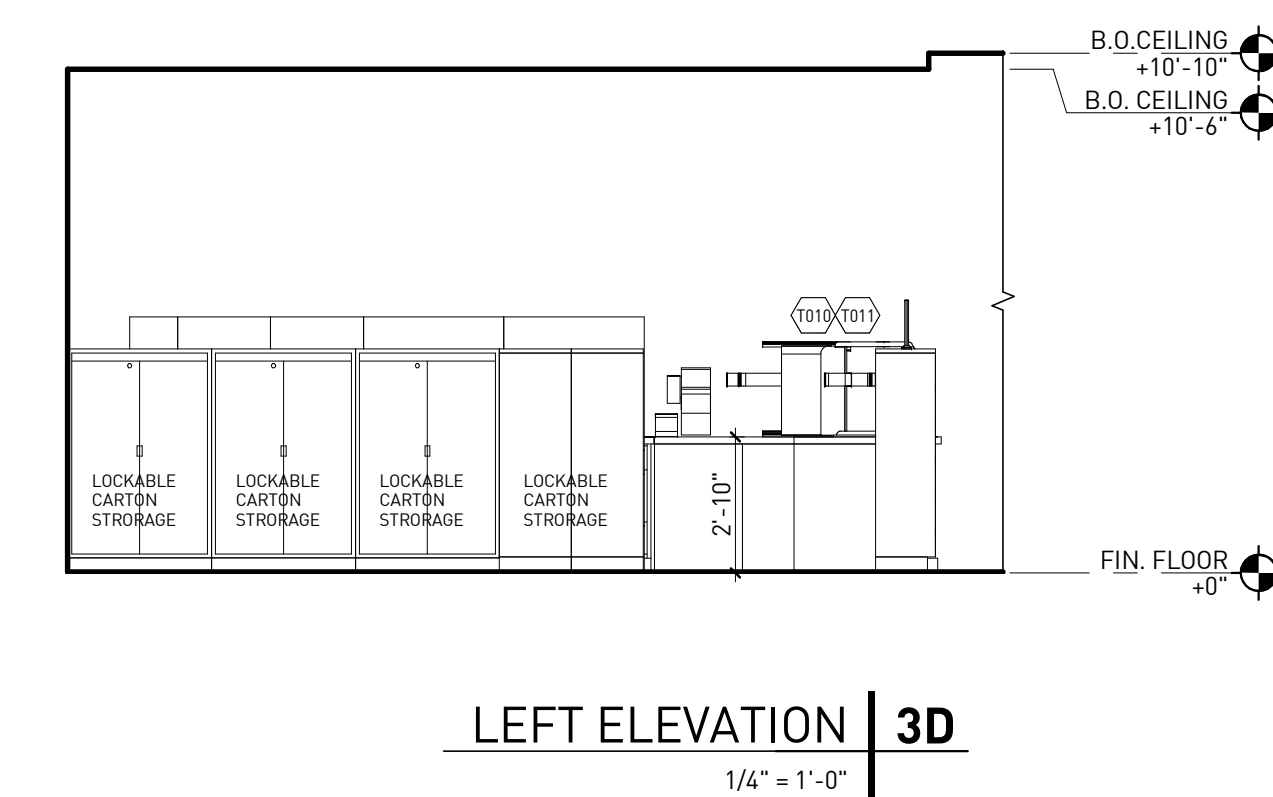
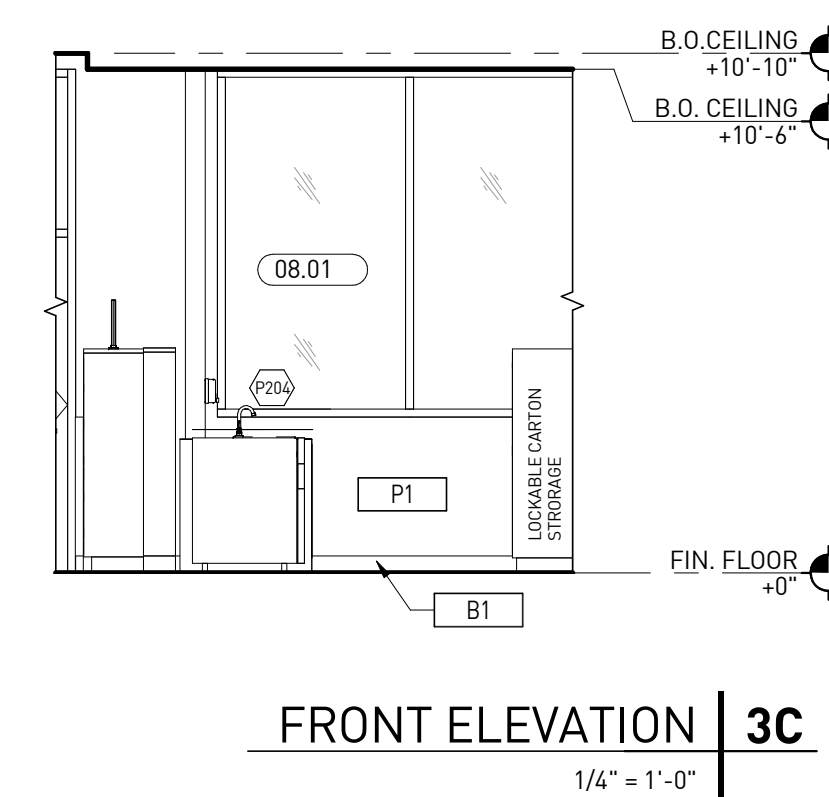
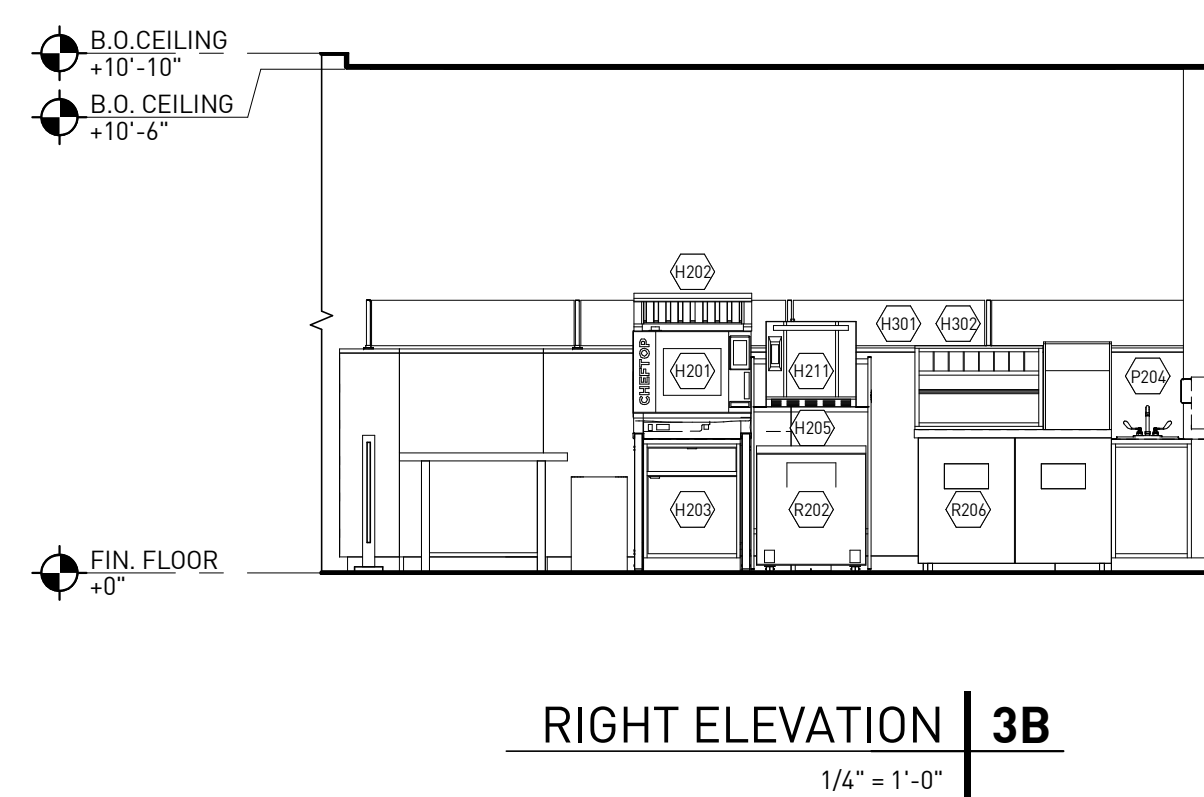
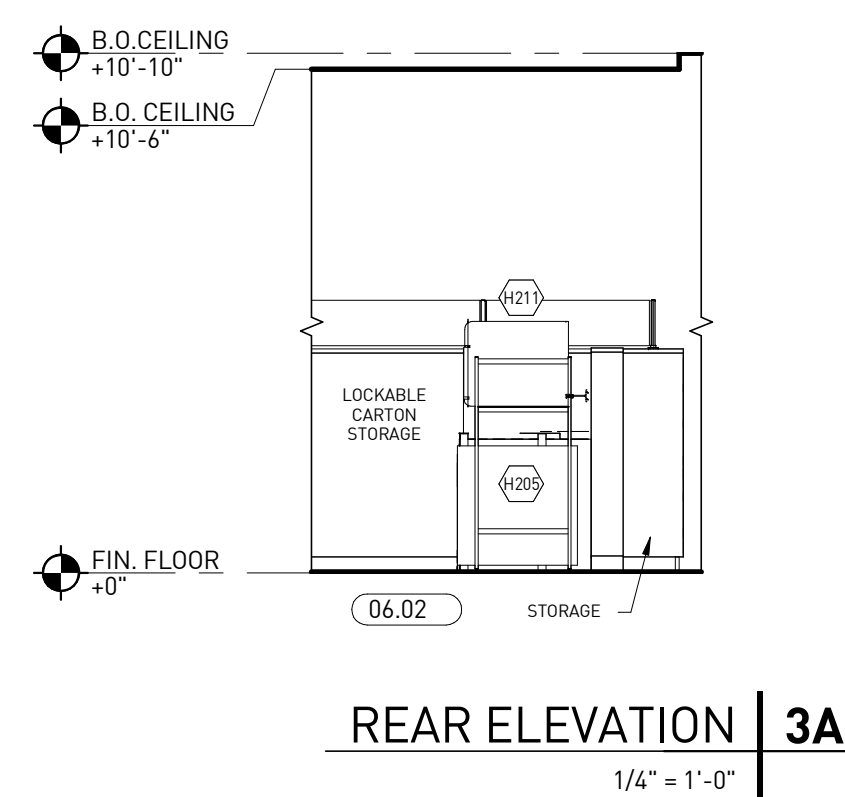
**A3.1**



1. INTERIOR ELEVATIONS AT BACK ROOM (109)



2. INTERIOR ELEVATIONS AT CASHIER (108)



3. INTERIOR ELEVATIONS AT PREP AREA (110)

KEYNOTES

NUMBER	DESCRIPTION
06.02	CUSTOM CASEWORK SUPPLIED BY CIRCLE K, INSTALLED BY OTHERS.
08.01	ALUMINUM STOREFRONT SYSTEM, SEE SHEET A6.0.
08.03	HOLLOW METAL DOOR IN HOLLOW METAL FRAME. SEE DOOR SCHEDULE ON SHEET A6.0

GENERAL NOTES

- SEE SHEET A1.4, A1.5.1/A1.5.2 FOR EQUIPMENT.
- VERIFY EQUIPMENT LAYOUT WITH CIRCLE K.
- SEE SHEET A1.11 FOR INTERIOR FINISHES.

**rdc.**

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

PROFESSIONAL SEAL



REVISIONS

ISSUE	DATE
OTP	02/15/23

PROFESSIONAL IN CHARGE

RW

PROJECT MANAGER

RM

QUALITY CONTROL

JS

DRAWN BY

YN

PROJECT NAME

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

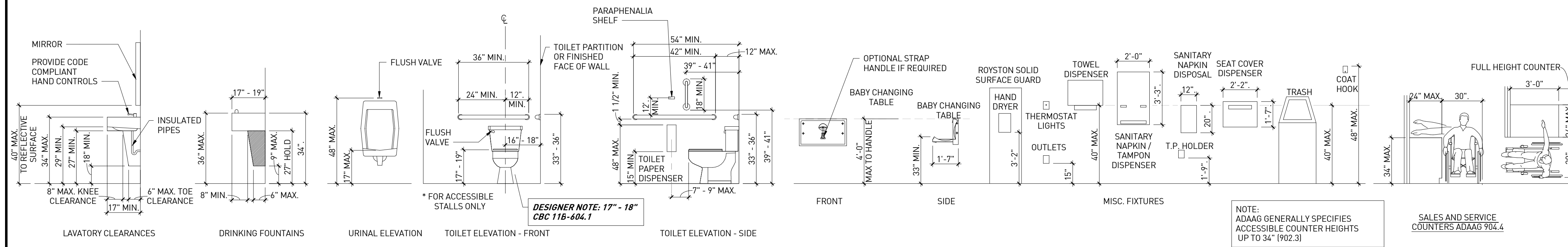


CIRCLE K STORE INC.

PROJECT NUMBER: 22130

INTERIOR ELEVATIONS

A3.2

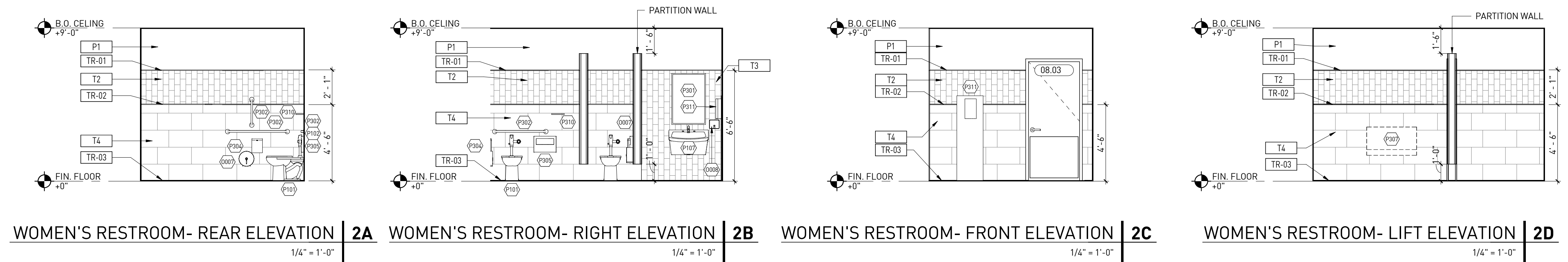


**KEYNOTES** (XXX)

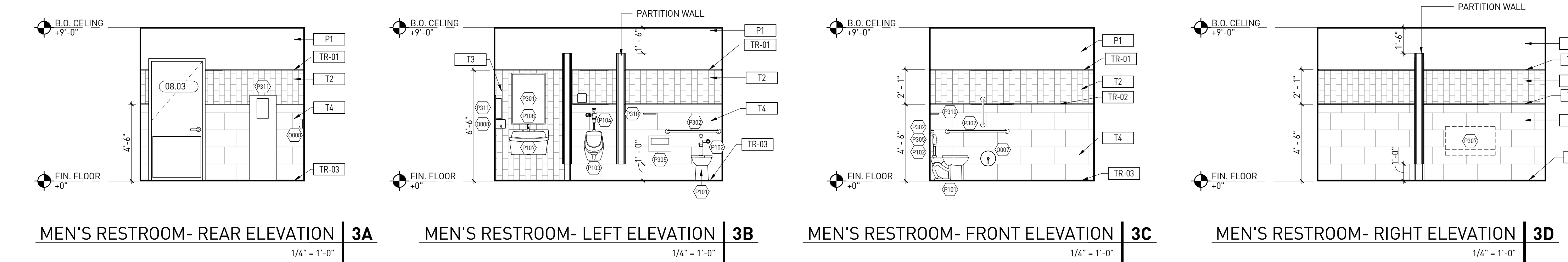
NUMBER	DESCRIPTION
08.01	ALUMINUM STOREFRONT SYSTEM, SEE SHEET A6.0.
08.03	HOLLOW METAL DOOR IN HOLLOW METAL FRAME, SEE DOOR SCHEDULE ON SHEET A6.0

**GENERAL NOTES**

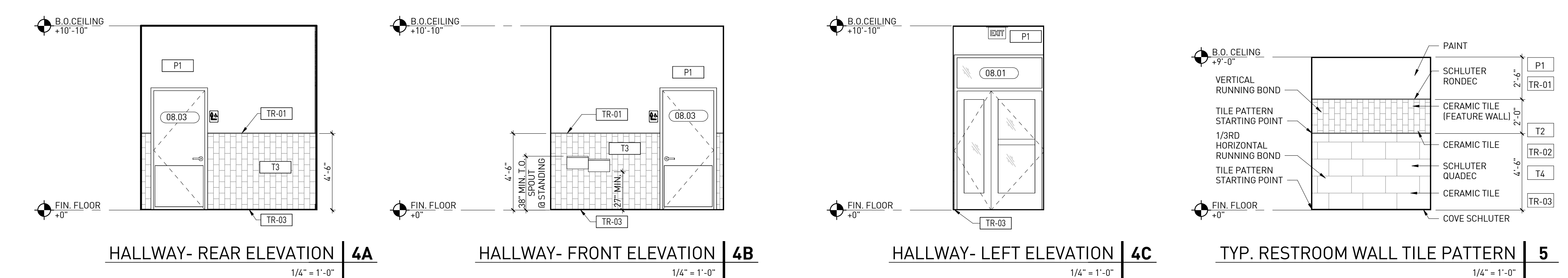
- SEE SHEET A1.4, A1.5.1, A1.5.2 & A1.5.3 FOR EQUIPMENT SCHEDULE.
  - CLEAR ACCESS A MIN. OF 44" IN WIDTH THROUGHOUT SANITARY FACILITY TO REACH THE HANDICAPPED COMPARTMENT. (48" CLEAR @ HINGE SIDE APPROACH TO COMPARTMENT).
  - A CLEAR SPACE OF SUFFICIENT SIZE TO INSCRIBE A 60" DIA. CIRCLE WITHIN THE SANITARY FACILITY ROOM AT A HEIGHT OF 27" A.F.F. DOORS OTHER THAN THE TOILET COMPARTMENT DOOR MAY NOT ENCRoACH MORE THAN 12".
  - SEE SHEET A1.11 FOR INTERIOR FINISHES.
- INTERIOR COMPARTMENT:**
- FLUSH VALVE IS ON WIDE SIDE OF TOILET AREA.
  - MAXIMUM HEIGHT FROM FLOOR TO FLUSH VALVE TO COMPLY SECTION 308 IICC/ANSI 117.1).
  - 5 lb. MAXIMUM FORCE TO OPERATE VALVE.
  - SEE TOILET ACCESSORY MOUNTING HEIGHTS DETAIL FOR HEIGHTS OF GRAB BARS AND ACCESSORIES.
  - VERTICAL GRAB BARS REQUIRED AT ALL ACCESSIBLE TOILETS.
  - PROVIDE 30X48 ADA ACCESSIBLE SPACE AT LAV.
  - INSULATE WATER AND DRAIN PIPES
  - INSTALL BACKING FOR CHANGING TABLE
  - CHANGING TABLE TO BE INSTALLED BY G.C.
  - PROVIDE SOLID BLOCKING AT WALL FOR SHELVING



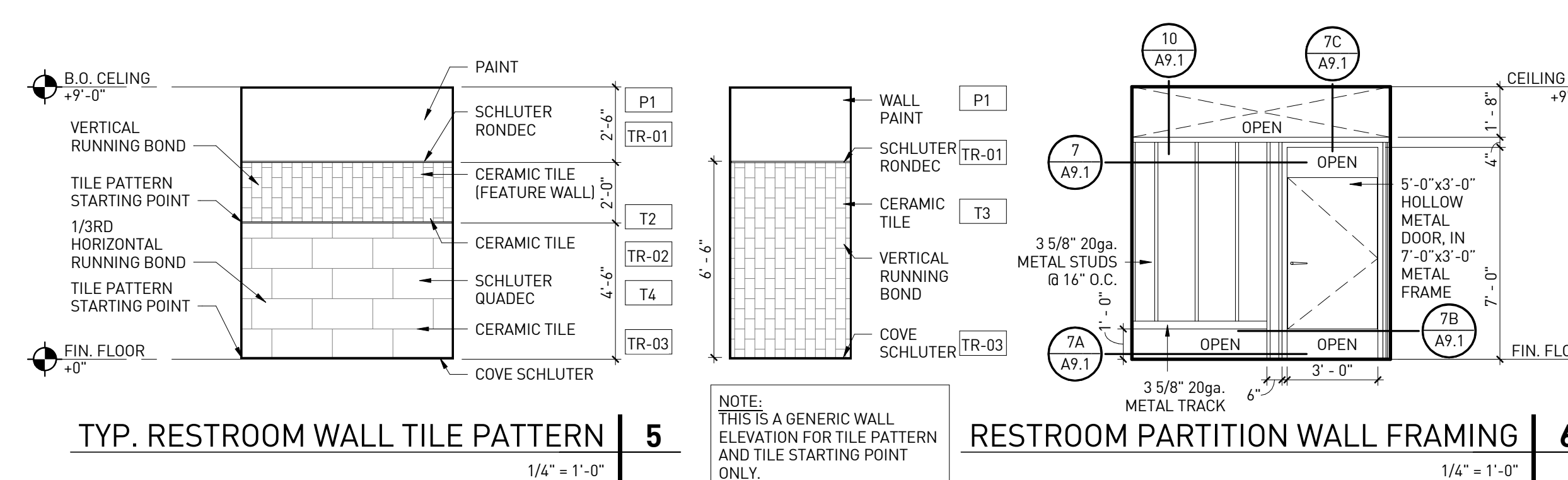
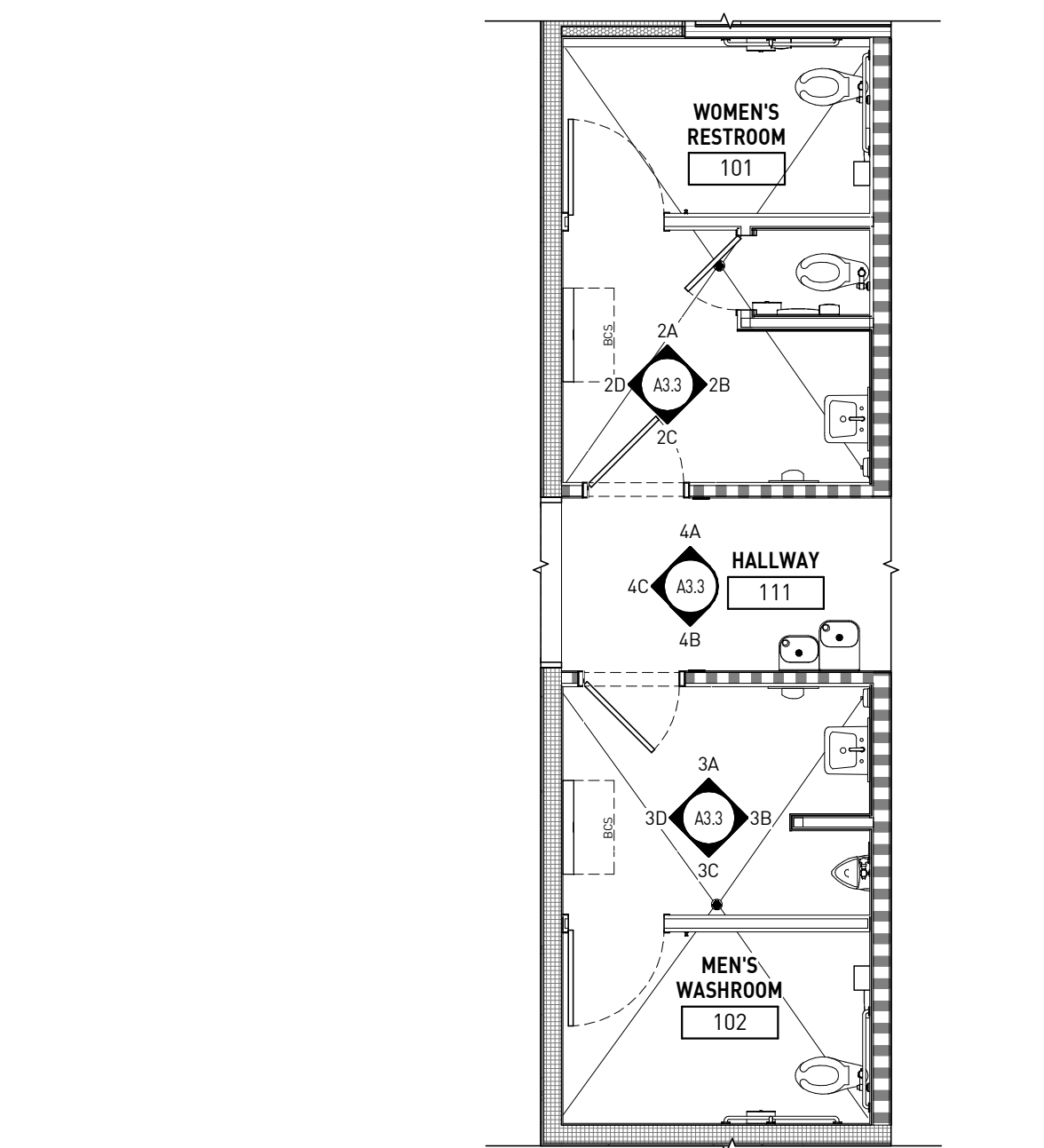
**2. ELEVATIONS AT WOMEN'S RESTROOM (101)**



**3. ELEVATIONS AT MEN'S RESTROOM (102)**



**4. ELEVATIONS AT HALLWAY (111)**



NOTE: THIS IS A GENERIC WALL ELEVATION FOR TILE PATTERN AND TILE STARTING POINT ONLY.



11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
OTF	02/15/23

**PROFESSIONAL IN CHARGE**

RW

**PROJECT MANAGER**

RM

**QUALITY CONTROL**

JS

**DRAWN BY**

YN

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



CIRCLE K STORE INC.

PROJECT NUMBER: 22130

**INTERIOR ELEVATIONS**

A3.3

## KEY NOTES

NUMBER	DESCRIPTION
08.03	HOLLOW METAL DOOR IN HOLLOW METAL FRAME. SEE DOOR SCHEDULE ON SHEET A6.0
K-01	CONCRETE SLAB WITH MINIMUM 15ML VAPOR BARRIER LAPPED A MINIMUM OF 6" & TAPED PER MANUFACTURER'S SPECIFICATIONS, SEE STRUCTURAL. CONCRETE SLAB, SEE STRUCTURAL FOR REINFORCING.
K-02	WOOD TRUSSES. SEE SIP DRAWINGS FOR SPECIFIC INFORMATION.
K-03	TPO ROOFING SYSTEM OVER SIP ROOF PANEL. WALKWAYS AS REQUIRED BY ROOFING MANUFACTURE. ROOF SYSTEM TO BE FLOOD TESTED AFTER INSTALLATION TO ENSURE NO LEAKS
K-04	PARAPET BEYOND
K-05	ROOF TOP HVAC UNIT, SEE MECHANICAL DRAWINGS.
K-06	SIP WALL PANEL. SEE SIP SHEETS.
K-07	WALK IN FREEZER/COOLER WALL.
K-08	ALL DUCT WORK TO EXTEND VERTICALLY TO DIFFUSER- SEE MECH.
K-10	EXTERIOR LADDER PORT.
K-12	PARAPET BRACE, SEE ROOF PLAN.

# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTP	02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

### PROJECT NAME

**CIRCLE K  
STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

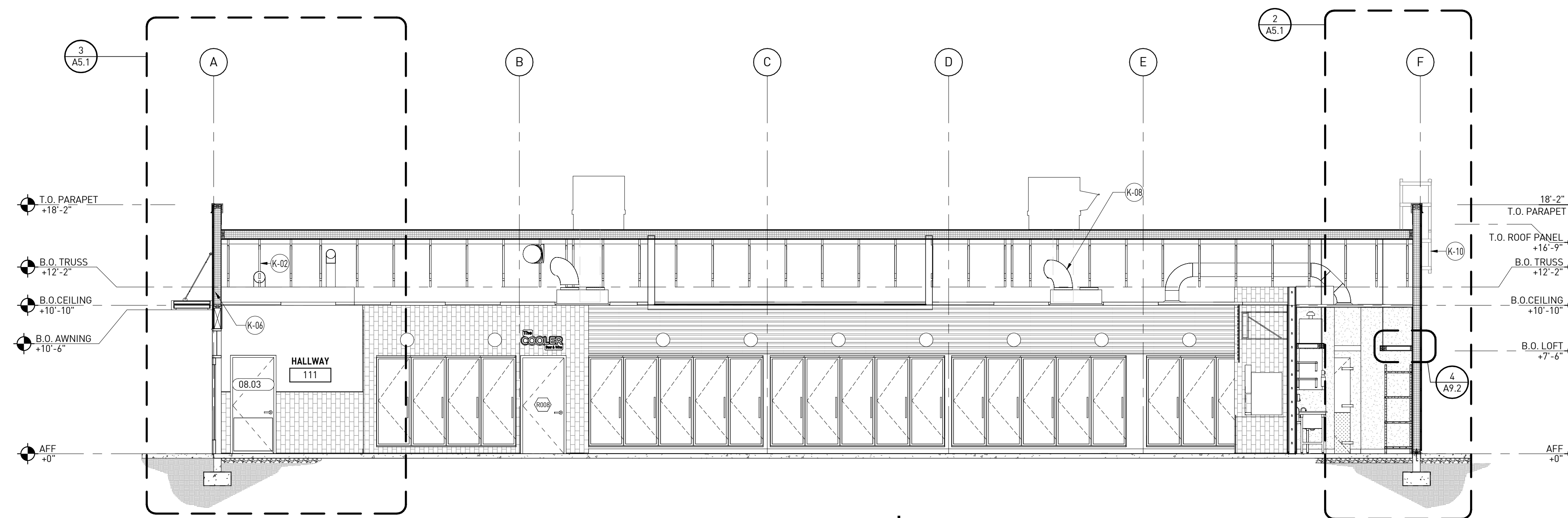


CIRCLE K STORE INC.

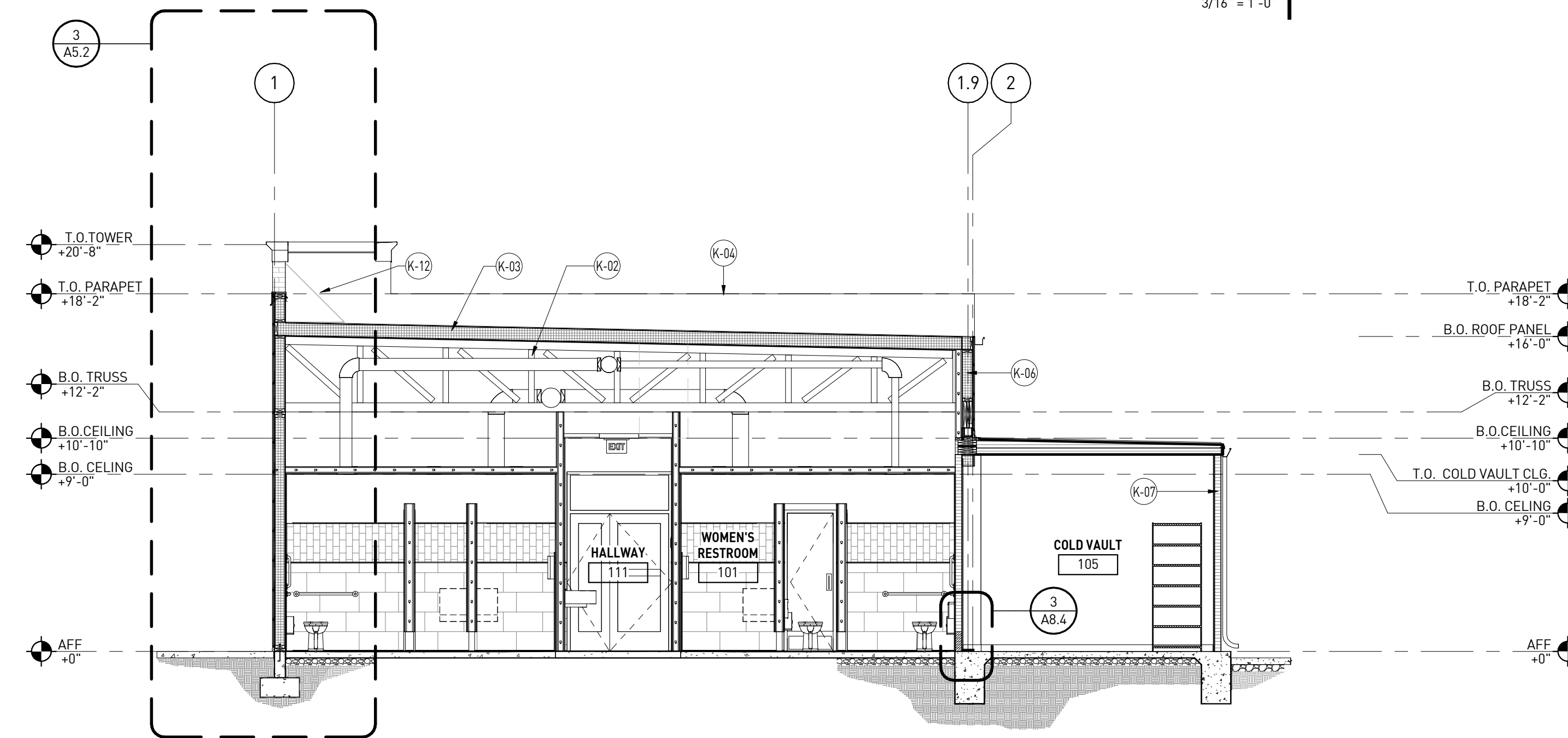
PROJECT NUMBER: 22130

**BUILDING  
SECTIONS**

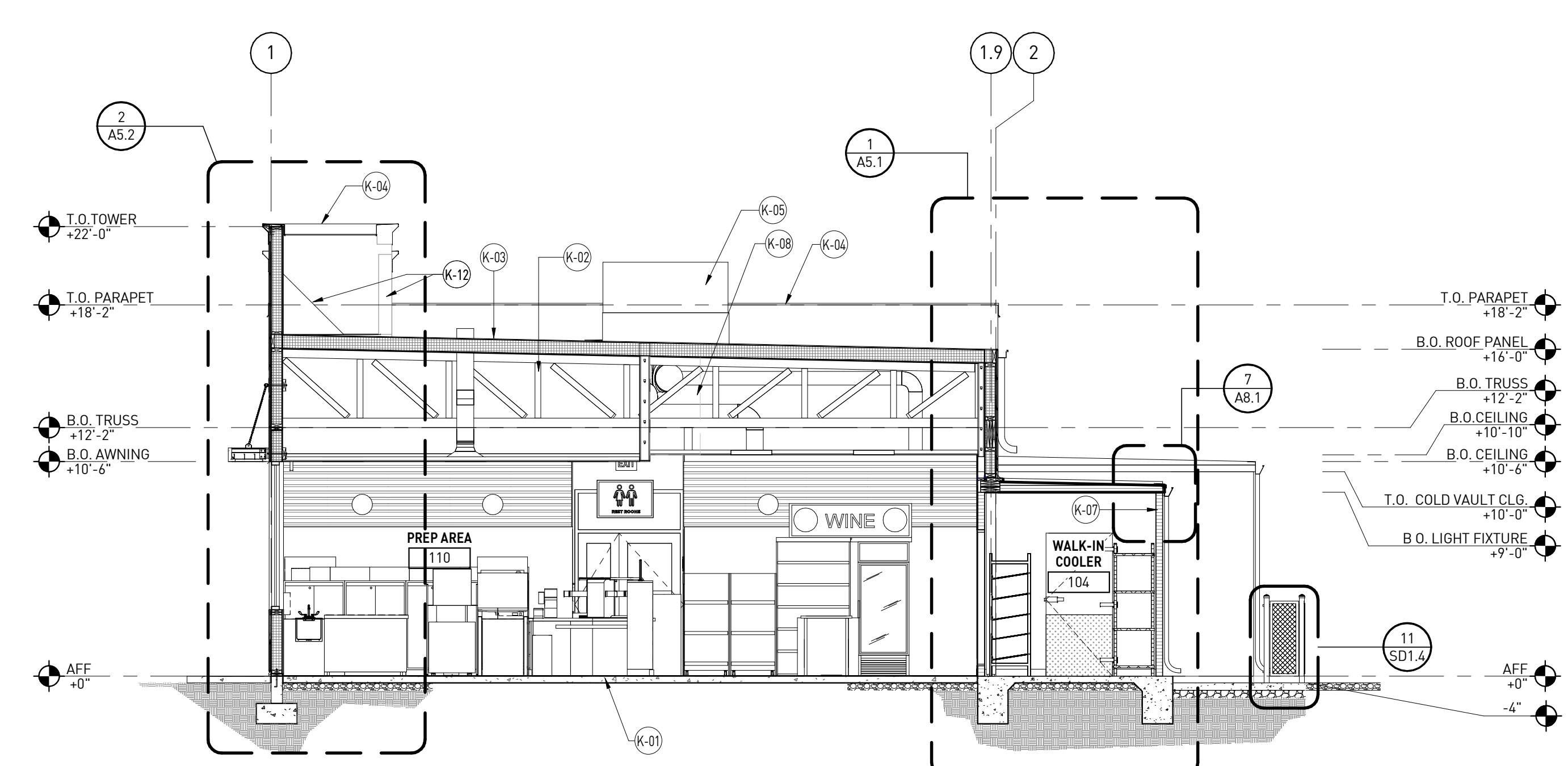
**A4.0**



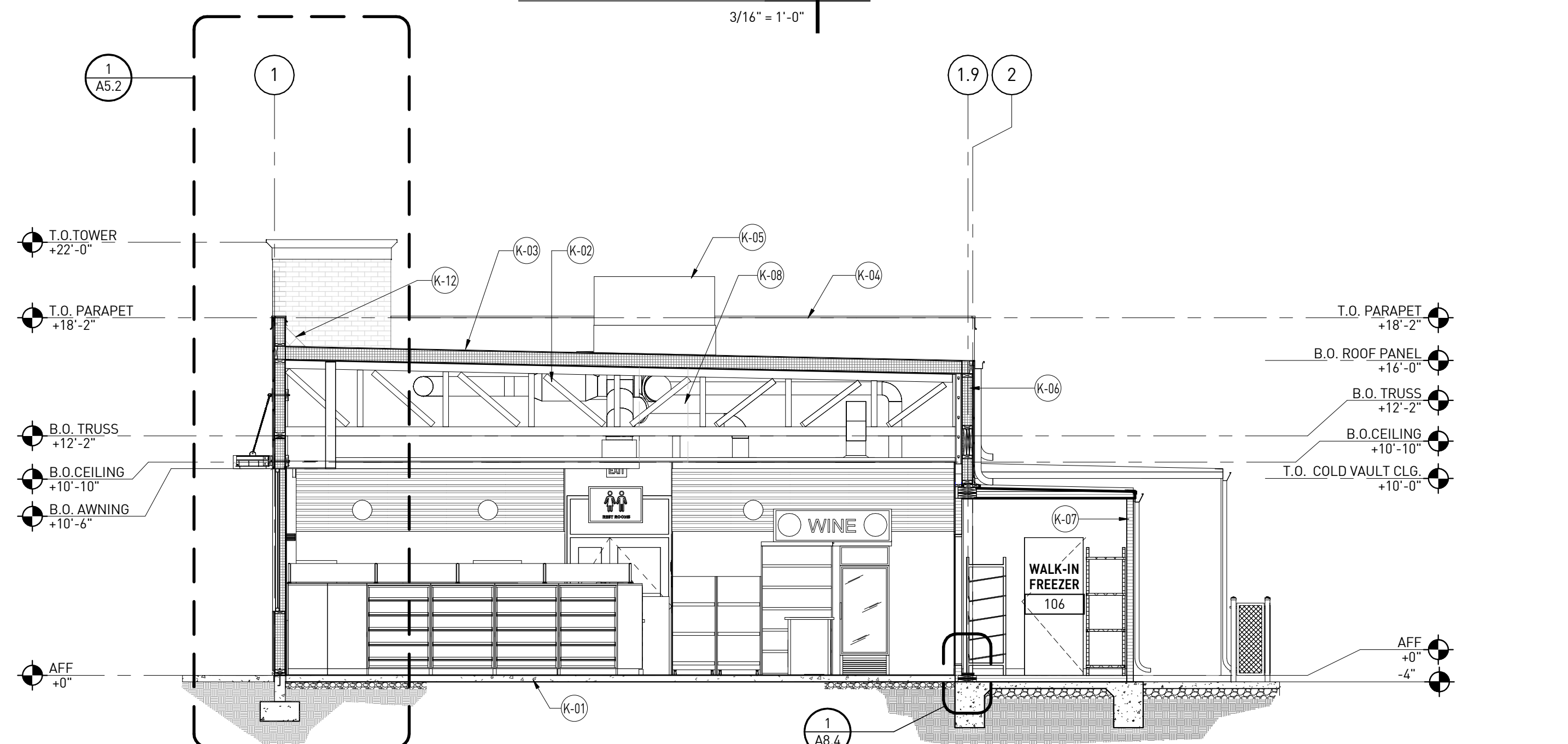
**BUILDING SECTION | 1**  
3/16" = 1'-0"



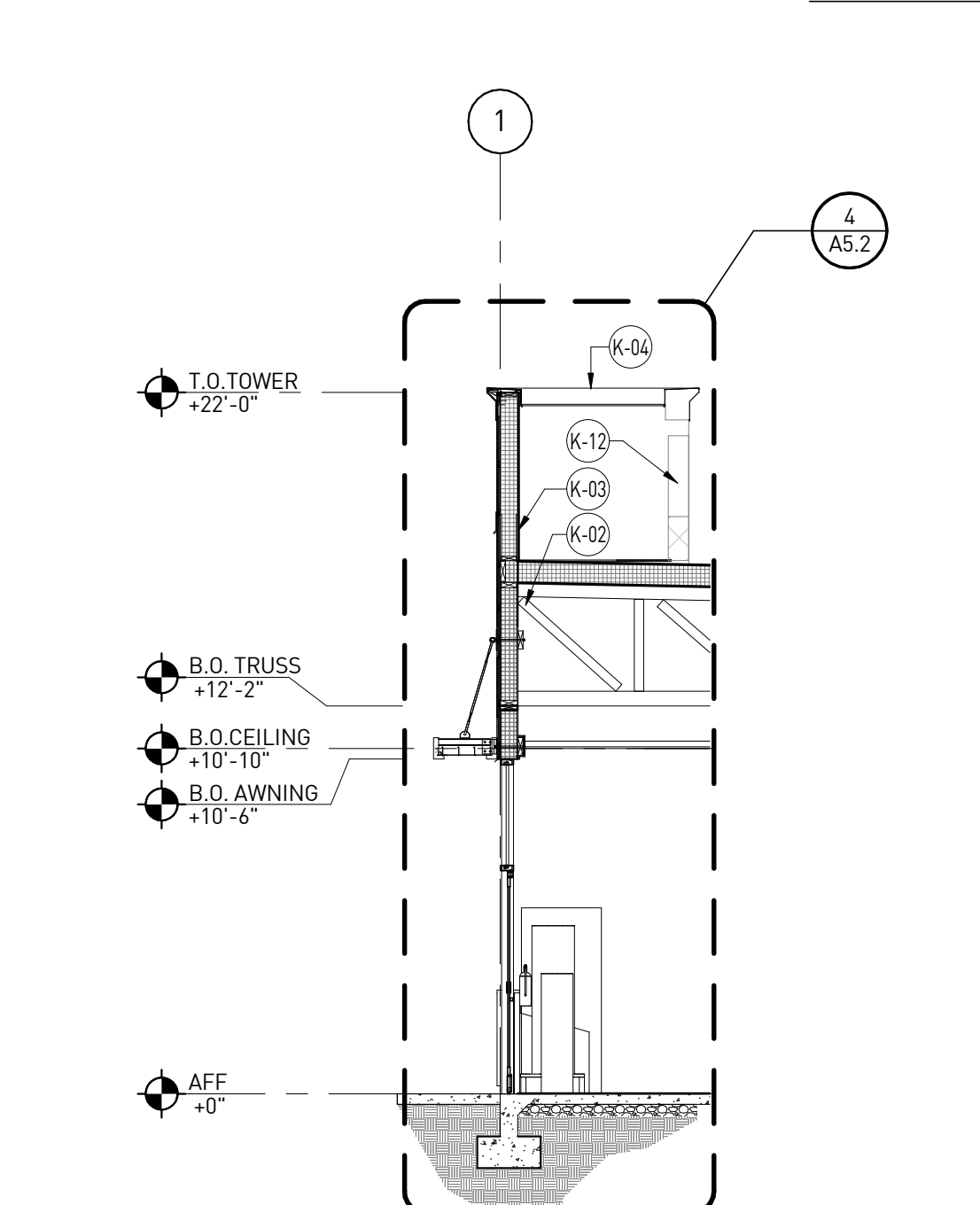
**BUILDING SECTION | 2**  
3/16" = 1'-0"



**BUILDING SECTION | 3**  
3/16" = 1'-0"



**BUILDING SECTION | 4**  
3/16" = 1'-0"



**BUILDING SECTION | 5**  
3/16" = 1'-0"



# KEY NOTES

SHEET A5.1 AND A5.2 HAVE THE SAME KEY NOTES, APPLICABLE KEY NOTES ARE NOTED ON WALL SECTION

NUMBER	DESCRIPTION
08.03	HOLLOW METAL DOOR IN HOLLOW METAL FRAME. SEE DOOR SCHEDULE ON SHEET A6.0
J-01	CONCRETE SLAB WITH MINIMUM 15ML "CLASS A" VAPOR BARRIER LAPPED A MINIMUM OF 6" & TAPED PER MANUFACTURER'S SPECIFICATIONS, SEE STRUCTURAL
J-02	CONCRETE WALK, BROOM FINISH. SEE SITE PLAN SHEET SD1.1/CIVIL PLANS
J-03	CONCRETE FOOTING. SEE STRUCTURAL DRAWINGS FOR SPECIFIC INFORMATION.
J-05	WOOD TRUSSES. SEE SIP PLANS FOR SPECIFIC INFORMATION.
J-09	2X BLOCKING. SEE SIP PLANS.
J-10	5/8" THK. X 17'7/8" H X 71'9/16" L FIBER CEMENT NICHHA WALL PANEL SYSTEM (PER MANUFACTURER'S SPECIFICATIONS) OVER SIP WALL PANELS. REFER TO EXTERIOR DETAILS ON SHEETS A8.1, A8.2 & A8.3
J-11	TPO ROOFING SYSTEM OVER RIGID INSULATION OVER METAL DECK. WALKWAYS LOCATED PER ROOF PLAN.
J-13	EXTEND TPO ROOFING TO UNDERSIDE OF METAL FASCIA/CORNICE.
J-15	METAL ROOF LADDERPORT. SEE DETAIL 7/A8.3.
J-19	SIP WALL PANEL. SEE SIP PLANS.
J-20	GRID CEILING. SEE RCP SHEET A1.6 AND DETAILS 10 & 11/A9.2.
J-23	1/2" EXPANSION JOINT MATERIAL.
J-24	PRE-FINISHED SNAP ON GALV. METAL FASCIA
J-25	LVL BEAM. SEE SIP PLANS
J-34	5/8" GYPSUM WALL BOARD EXTEND TO UNDERSIDE OF DECK
J-35	STORAGE SHELF SEE DETAIL 4/A9.2

# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTP	02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

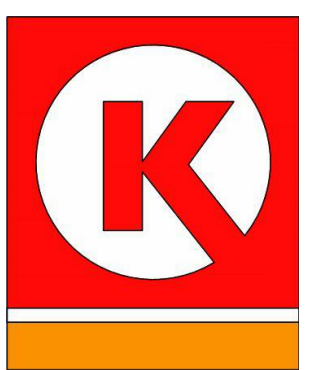
### PROJECT NAME

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

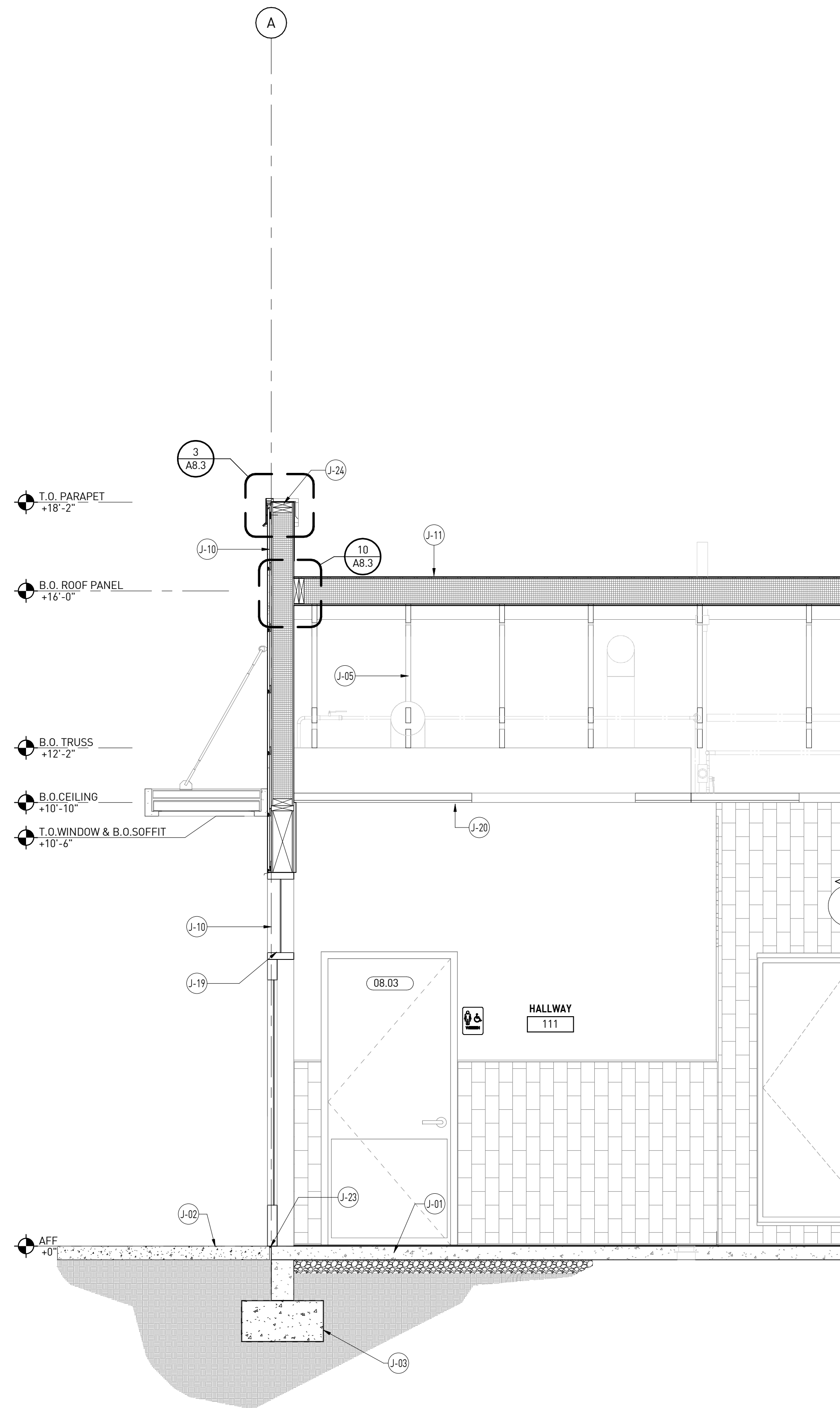
PROTOCOL # R1.1 11/21/22



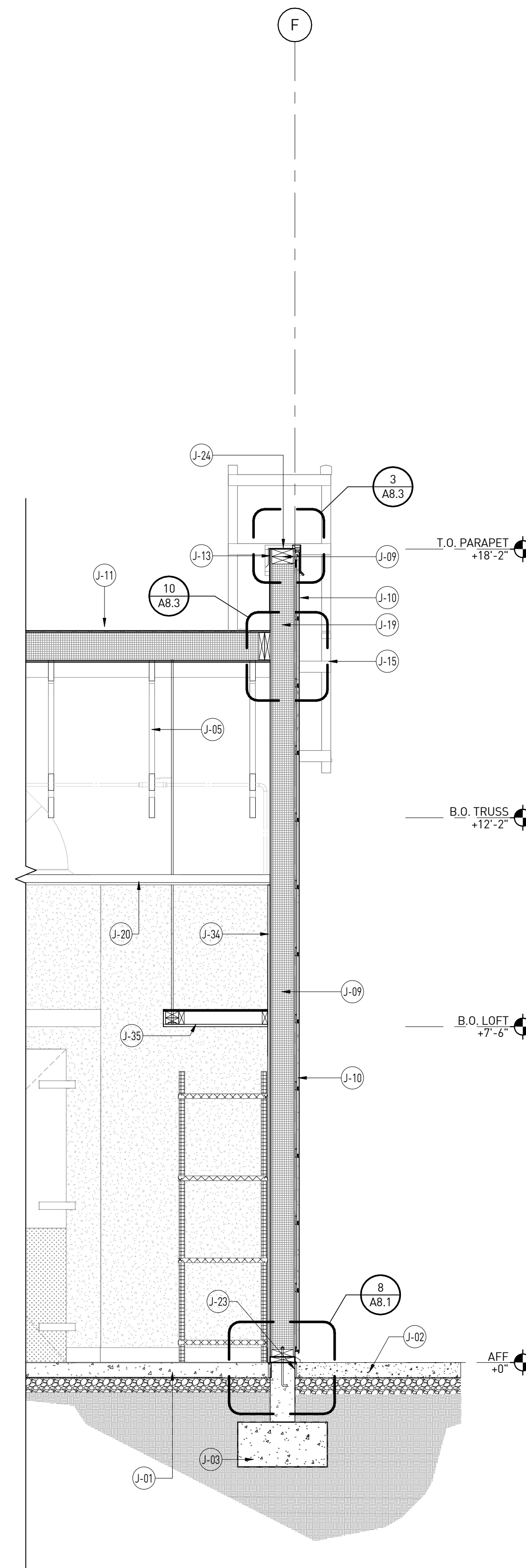
CIRCLE K STORE INC.

PROJECT NUMBER: 22130

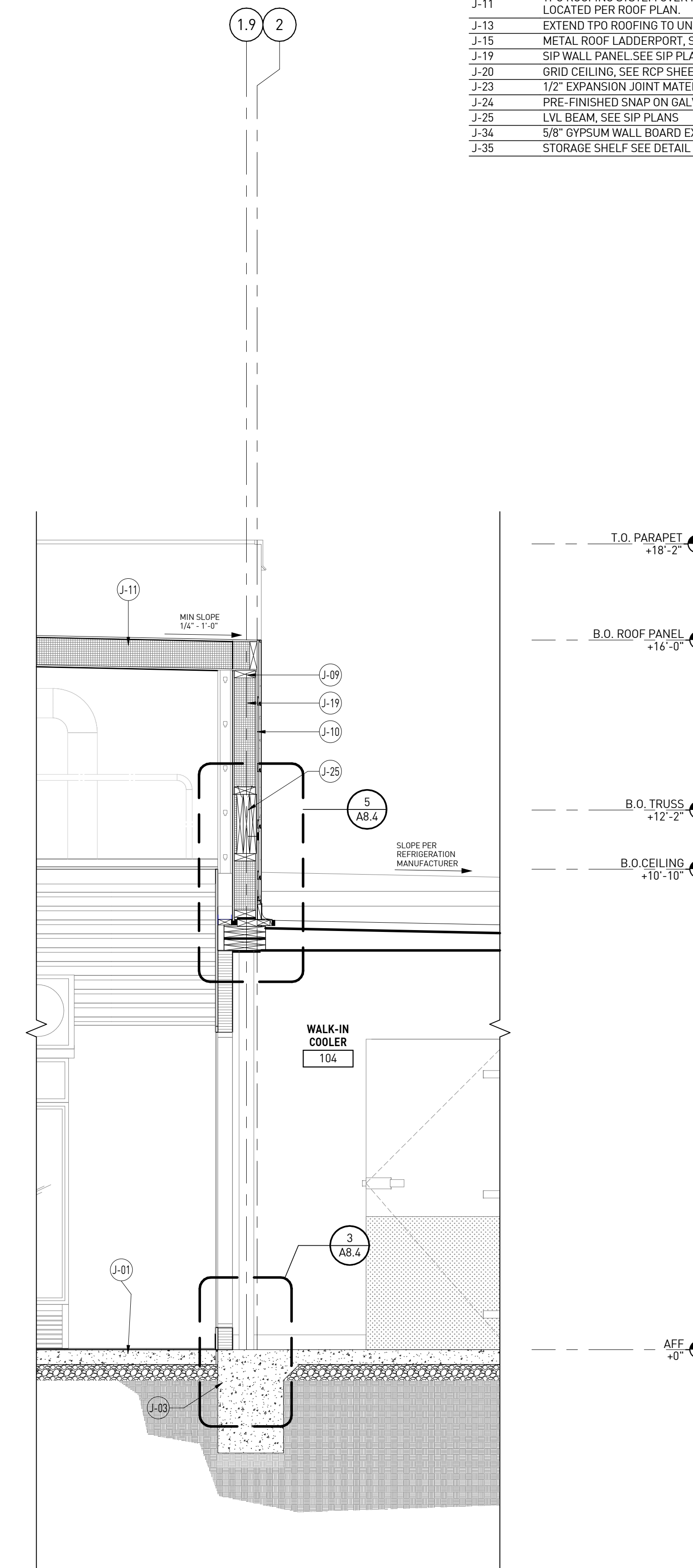
### WALL SECTIONS



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



WALL SECTION | 2  
1/2" = 1'-0"



WALL SECTION | 1  
1/2" = 1'-0"

# KEY NOTES

SHEET A5.1 AND A5.2 HAVE THE SAME KEY NOTES. APPLICABLE KEY NOTES ARE NOTED ON WALL SECTION

NUMBER	DESCRIPTION
J-01	CONCRETE SLAB WITH MINIMUM 15ML 'CLASS A' VAPOR BARRIER LAPPED A MINIMUM OF 6" & TAPED PER MANUFACTURER'S SPECIFICATIONS, SEE STRUCTURAL.
J-02	CONCRETE WALK, BROOM FINISH, SEE SITE PLAN SHEET SD1.1 / CIVIL PLANS
J-03	CONCRETE FOOTING, SEE STRUCTURAL DRAWINGS FOR SPECIFIC INFORMATION.
J-04	1 3/8" THK FIBER CEMENT NICHHA WALL SYSTEM PER MANUFACTURER SPECIFICATIONS, REFER EXTERIOR DETAIL SHEET A8.1
J-05	WOOD TRUSSES, SEE SIP PLANS FOR SPECIFIC INFORMATION.
J-09	2X BLOCKING, SEE SIP PLANS.
J-10	5/8" THK. X 17 7/8" H X 71 9/16" L FIBER CEMENT NICHHA WALL PANEL SYSTEM (PER MANUFACTURER'S SPECIFICATIONS) OVER SIP WALL PANELS, REFER TO EXTERIOR DETAILS ON SHEETS A8.1, A8.2 & A8.3
J-11	TPO ROOFING SYSTEM OVER RIGID INSULATION OVER METAL DECK, WALKWAYS LOCATED PER ROOF PLAN.
J-13	EXTEND TPO ROOFING TO UNDERSIDE OF METAL FASCIA/CORNICE.
J-14	PARAPET/TOWER BEYOND
J-18	GYPSUM BOARD CEILING SEE RCP SHEET A1.6
J-19	SIP WALL PANEL, SEE SIP PLANS.
J-20	GRID CEILING, SEE RCP SHEET A1.6 AND DETAILS 10 & 11/A9.2.
J-21	AWNING MOUNTED SOFFIT LIGHT, SEE ELECT & RCP SHEET A1.6
J-23	1/2" EXPANSION JOINT MATERIAL.
J-24	PRE-FINISHED SNAP ON GALV. METAL FASCIA
J-28	FREEZER/COOLER WALL BEYOND
J-29	ALUMINUM STOREFRONT SYSTEM
J-34	5/8" GYPSUM WALL BOARD EXTEND TO UNDERSIDE OF DECK. ALUMINUM AWNING WITH SUPPORT RODS BY CIRCLE K VENDOR. PROVIDE BLOCKING IN EXTERIOR AND INTERIOR WALL FOR AWNING AND SUPPORTS. GC PROVIDE WATERTIGHT SEAL/FLASHING AT ALL WALL OPENINGS, ATTACHMENT CONNECTIONS, AND COMPRESSION SLEEVES. SEE STRUCT. FOR ATTACHMENT BRACKET SPECS.
J-37	

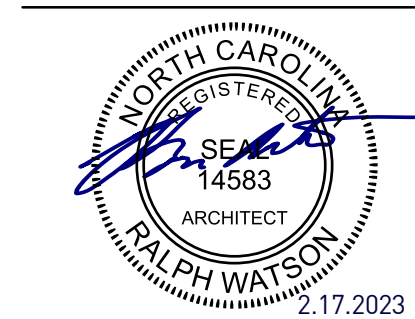
# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawing is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTP	02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

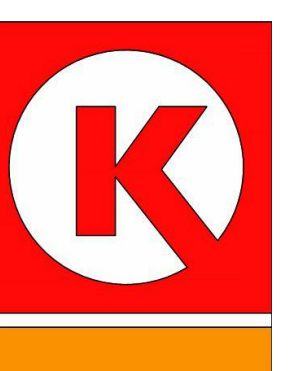
### PROJECT NAME

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

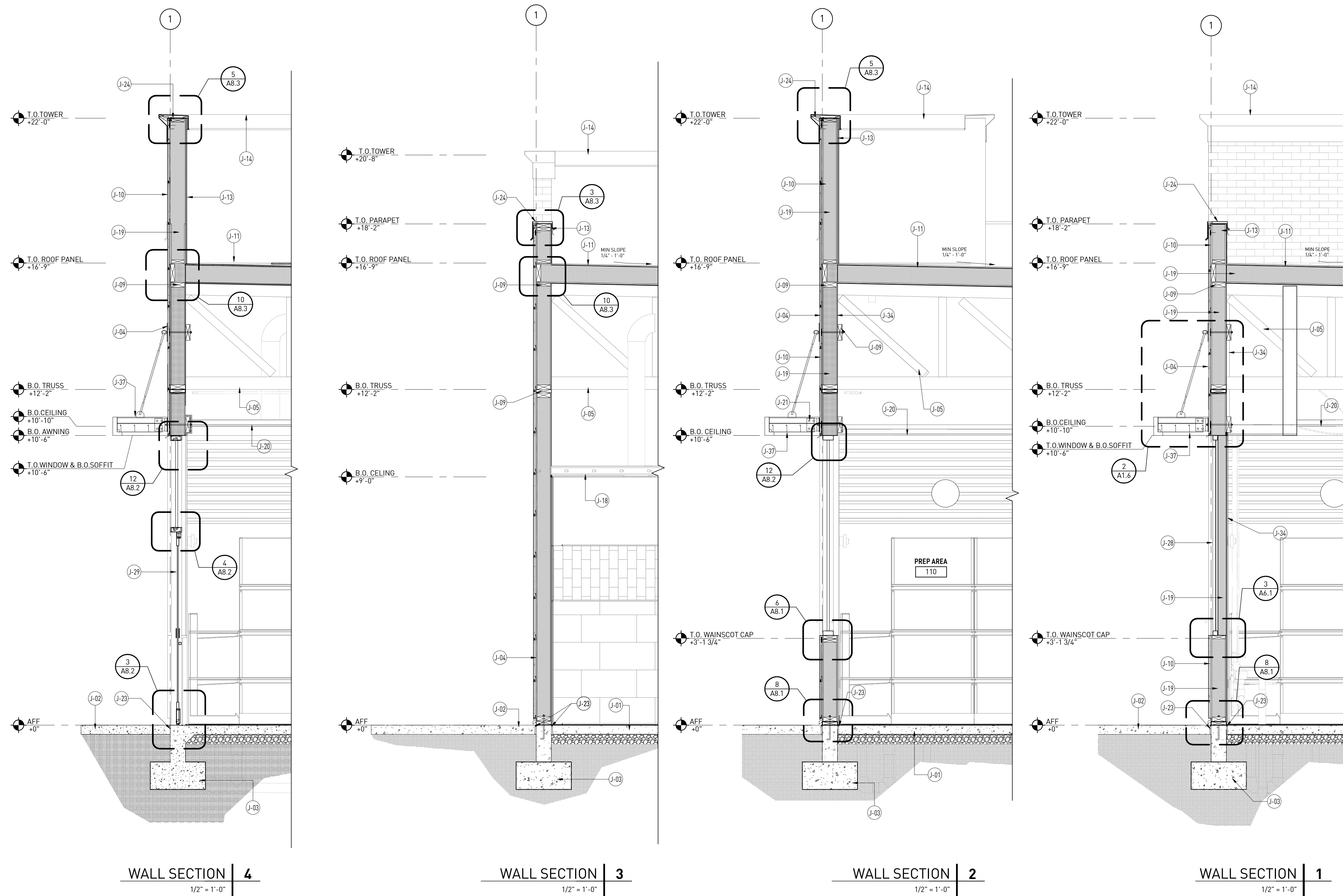
PROTOCOL # R1.1 11/21/22



CIRCLE K STORE INC.

PROJECT NUMBER: 22130

### WALL SECTIONS



A5.2

## GLAZING SCHEDULE

MARK	QTY.	GLAZING LOCATION	SUMMER U-FACTOR	R-VALUE	SHGC	PF	SIZE			NOTES
							WIDTH	HEIGHT	THKN.	
A	1	LEFT OF ENTRY DOORS	0.27	3.7	0.25	0.39/0.57	16'-10"	7'-4"	1"	SOLARBAN 60 [2] SOLARGRAY + CLEAR 1" UNITS W/ 1/2" AIR SPACE AND...
A1	1	ABOVE ENTRY DOORS	0.27	3.7	0.25	0.57	3'-0"	3'-6"	1"	SOLARBAN 60 [2] SOLARGRAY + CLEAR 1" UNITS W/ 1/2" AIR SPACE AND TWO 1/4" LITES.
A2	1	ENTRY DOORS	0.27	3.7	0.25	0.57	3'-0"	7'-0"	1"	SOLARBAN 60 [2] SOLARGRAY + CLEAR 1" UNITS W/ 1/2" AIR SPACE AND TWO 1/4" LITES TEMPERED.
B	1	CENTERED B/T ENTRY DOORS	0.27	3.7	0.25	0.57	16'-0"	7'-4"	1"	SOLARBAN 60 [2] SOLARGRAY + CLEAR 1" UNITS W/ 1/2" AIR SPACE AND TWO 1/4" LITES TEMPERED AS SHOWN ON ELEVATIONS.
C	1	RIGHT OF ENTRY DOORS	0.27	3.7	0.25	0.39/0.57	4'-1.5"	7'-4"	1"	SOLARBAN 60 [2] SOLARGRAY + CLEAR 1" UNITS W/ 1/2" AIR SPACE AND TWO 1/4" LITES TEMPERED AS SHOWN ON ELEVATIONS.
C1	1	ABOVE ENTRY DOORS	0.27	3.7	0.25	0.57	3'-0"	3'-6"	1"	SOLARBAN 60 [2] SOLARGRAY + CLEAR 1" UNITS W/ 1/2" AIR SPACE AND TWO 1/4" LITES.
C2	1	ENTRY DOORS	0.27	3.7	0.25	0.57	3'-0"	7'-0"	1"	SOLARBAN 60 [2] SOLARGRAY + CLEAR 1" UNITS W/ 1/2" AIR SPACE AND TWO 1/4" LITES TEMPERED.
C3	1	RIGHT OF ENTRY DOORS	0.27	3.7	0.25	0.57	11'-10.5"	7'-4"	1"	VEENEER STOREFRONT SYSTEM- 1/4" GLAZING (SPANDREL), MATCH STOREFRONT GLAZING FINISH.
D	1	ENTRY DOORS	0.27	3.7	0.25	0.57	5'-0"	7'-0"	1"	SOLARBAN 60 [2] SOLARGRAY + CLEAR 1" UNITS W/ 1/2" AIR SPACE AND TWO 1/4" LITES TEMPERED AS SHOWN ON ELEVATIONS.
D1	1	ABOVE ENTRY DOORS	0.27	3.7	0.25	0.57	5'-0"	1'-10"	1"	SOLARBAN 60 [2] SOLARGRAY + CLEAR 1" UNITS W/ 1/2" AIR SPACE AND TWO 1/4" LITES TEMPERED AS SHOWN ON ELEVATIONS.

NOTE: ALL EXTERIOR GLAZING TO BE IMPACT RESISTANT. SEE STOREFRONT INFORMATION

## DOOR SCHEDULE

MARK	ROOM NO.	DOOR SCHEDULE										REMARKS			
		DOOR			FRAME			HDW.			DETAILS				
		WIDTH	HEIGHT	THKN.	TYPE	MATERIAL	FINISH	MATERIAL	FINISH	TYPE	SET NO.		HEAD	JAMB	SILL
108A	STOREFRONT	3'-0"	7'-0"	-	D1	ALUM/GLASS	BRONZE	ALUM	BRONZE	-	1	4/A8.2	4/A8.2	3/A8.2	SINGLE SWING- NO EXT HANDLE-PLUG/CAP EXT HOLDS
108B	STOREFRONT	3'-0"	7'-0"	-	D1	ALUM/GLASS	BRONZE	ALUM	BRONZE	-	1	4/A8.2	4/A8.2	3/A8.2	SINGLE SWING
101	WOMEN'S RESTROOM	3'-0"	5'-0"	1-3/4"	D3	H.M.	PAINT	H.M.	PAINT	F2	6	-	7/A8.2	-	GALVANIZED COATED FRAME; PAINT AS SCHEDULED
102	MEN'S RESTROOM	2'-10"	5'-0"	1-3/4"	D3	H.M.	PAINT	H.M.	PAINT	F2	6	-	7/A8.2	-	GALVANIZED COATED FRAME; PAINT AS SCHEDULED
101A	RESTROOM PART.	2'-4"	5'-0"	1-3/4"	D6	H.M.	PAINT	H.M.	PAINT	F2	5	-	7/A8.2	-	GALVANIZED COATED FRAME; PAINT AS SCHEDULED
101B	RESTROOM PART.	2'-4"	5'-0"	1-3/4"	D6	H.M.	PAINT	H.M.	PAINT	F2	5	-	7/A8.2	-	GALVANIZED COATED FRAME; PAINT AS SCHEDULED
102A	RESTROOM PART.	3'-0"	5'-0"	1-3/4"	D6	H.M.	PAINT	H.M.	PAINT	F2	5	-	7/A8.2	-	GALVANIZED COATED FRAME; PAINT AS SCHEDULED
107	BACK ROOM	3'-0"	7'-0"	1-3/4"	D4	H.M.	PAINT	H.M.	PAINT	F1	2	7/A8.2	7/A8.2	10/A8.2	WITH 4"x24" TEMPERED ONE-WAY GLASS WINDOW
111	HALLWAY	3'-0"	7'-0"	1-3/4"	D5	ALUM/GLASS	BRONZE	ALUM	BRONZE	-	4	4/A8.2	4/A8.2	3/A8.2	SINGLE SWING

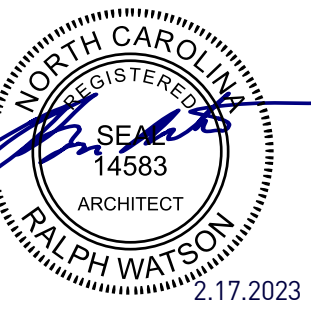
# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTF	02/15/23

## HARDWARE SCHEDULE

### SET No. 1

- 1 - CONTINUOUS HINGE - PEMKO DFM\_83SLF - FINISH D
- 1 - DEADLOCK - ADAMS RITE - MS18505 - 310 - FINISH 313
- 1 - CORE - YALE A600 MK - FINISH 605
- 1 - THUMBTURN - YALE S2053 MORTISE THUMBTURN - FINISH 613E
- 1 - PULL/PUSH BAR - ROCKWOOD BF15847 - 33 T4HD MOUNTING - FINISH US10B
- 1 - SURFACE CLOSER - YALE UNI - 4400 690 488 2935 - FINISH 690
- 1 - THRESHOLD - PEMKO HALF SADDLE 2005AV36 (MSE5255S) - FINISH A
- \*\*WEATHER-STRIPPING PACKAGE - PROVIDED BY DOOR AND FRAME MFR.
- 1 - PLASTIC SIGN - THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED\*. (IBC 2015 SECTION 1010.1.9.3)

### NOTE: DOOR PULL ON 108B ONLY

### SET No. 2

- 1 - CONTINUOUS HINGE - PEMKO - CFM83\_HD1 - FINISH C
- 1 - ELECTRONIC DIGITAL LOCK - TRILOGY T2 DL27-00-IC/US26D
- 1 - CORE - YALE A600 MK 626 - FINISH 626
- 1 - SURFACE CLOSER - YALE - 3521T HOLD OPEN THUMBTURN - FINISH 689
- 2 - ARMOR PLATE - ROCKWOOD - K1050 30 X 34" LDW - FINISH US32D
- 3 - DOOR SILENCER - ROCKWOOD - 608 - FINISH GRV

### SET No. 3

- 1 - CONTINUOUS HINGE - PEMKO CFM83\_HD1 - FINISH - C
- 1 - EXIT ALARM DEVICE - YALE 6100 - A - ALR - EO BSP IEXIT ONLY - FINISH BSP
- 1 - CYLINDER - YALE K640 MORTISE CYLINDER - FINISH 626
- 1 - CORE - YALE A600 MK 626 - FINISH 626
- 1 - SURFACE CLOSER - YALE UNI 4400 689 3'-0" DOOR - FINISH 689
- 1 - KICK PLATE - ROCKWOOD K1050 30 X 34" LDW US32D - FINISH US32D
- 1 - THRESHOLD - PEMKO 2005AP72 (MSE5255S) - FINISH A
- 1 - HEAD SEAL - PEMKO 2891APK - 36 - FINISH A
- 2 - SET OF SEALS - PEMKO 303AS84 - FINISH A
- 1 - RAIN DRIP - PEMKO 346A40 - FINISH A
- 1 - DOOR SWEEP - PEMKO 3452APK36 - FINISH A

### SET No. 4

- 2 - CONTINUOUS HINGES - PEMKO DFM83SLF - FINISH D
- 2 - FLUSH BOLT - ROCKWOOD 555 US10B - FINISH US10B
- 1 - DEADLOCK - ADAMS RITE - MS18505-310-313 - FINISH 313
- 1 - CYLINDER - YALE K640 LOCKNET LN20470 MORTISE CYLINDER HOUSING - FINISH 613
- 1 - CORE - YALE A600 MK US10B - FINISH 605
- 1 - THUMBTURN - YALE S2053 MORTISE THUMBTURN - FINISH 613E
- 1 - PULL/PUSH BAR - ROCKWOOD BF15847-33 T4HD MOUNTING - FINISH US10B (NO PUSH/ PULL ON 24" DOOR)
- 1 - SURFACE CLOSER - YALE UNI - 4400 690 488 6190 - FINISH 690
- 1 - OVERHEAD DOOR STOP - RIXSON 10-136 613 (INSTALL: INACTIVE LEAF) - FINISH 613
- 1 - THRESHOLD - PEMKO 2005AV36 (MSE5255S) - FINISH A
- 1 - DOOR SWEEP - PEMKO 3452DPK24 - FINISH D
- 1 - DOOR SWEEP - PEMKO 3452APK36 - FINISH A
- 1 - RAIN DRIP - PEMKO 346A40 - FINISH D
- 1 - DUST PROOF STRIKE - ROCKWOOD 570 US10B - FINISH US10B

- \*\*WEATHER-STRIPPING PACKAGE FOR PERIMETER GASKETING AND MEETING STILES BY DOOR AND FRAME MFR.
- 1 - PLASTIC SIGN - THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED\*.
- 2 - SECURITRON DPS-M-BK

### SET No. 5

- 2 - STANDARD HINGE MCKINNEY 1502 4 1/2" X 4 1/2" US26D
- 1 - STANDARD HINGE MCKINNEY T4A3786 4 1/2" X 4 1/2" (NRP) US26D (INSTALL TOP HINGE)
- 1 - LATCHSET YALE AUI-R 8802FLH 626 IND
- 1 - COAT HOOK ROCKWOOD 790 US26D
- 2 - DOOR SILENCER ROCKWOOD 608

## HARDWARE NOTES

- ALL EXITS TO BE OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY SPECIAL KNOWLEDGE.
- MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED.
- ALL DOOR HARDWARE IS TO BE ACCESSIBLE BY DISABLED PERSON.

## DOOR SIGNAGE NOTES

- LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND STROKE WIDTH TO HEIGHT RATIO BETWEEN 1:5 AND 1:10.
- CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE X. LOWER CASE CHARACTERS ARE PERMITTED (3" MIN.)
- LETTERS AND NUMERALS SHALL BE RAISED 1/32 IN. UPPER CASE, SANS SERIF OR SIMPLE TYPE AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE. RAISED CHARACTERS SHALL BE AT LEAST 5/8" (16mm) HIGH, BUT NO HIGHER THAN 2 IN. (50mm). PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTIONS PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6 IN. (152mm) MINIMUM IN HEIGHT.
- 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.
- WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 48" MINIMUM MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER OR 60" MAXIMUM MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3 IN (76mm) OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

### PROJECT NAME

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

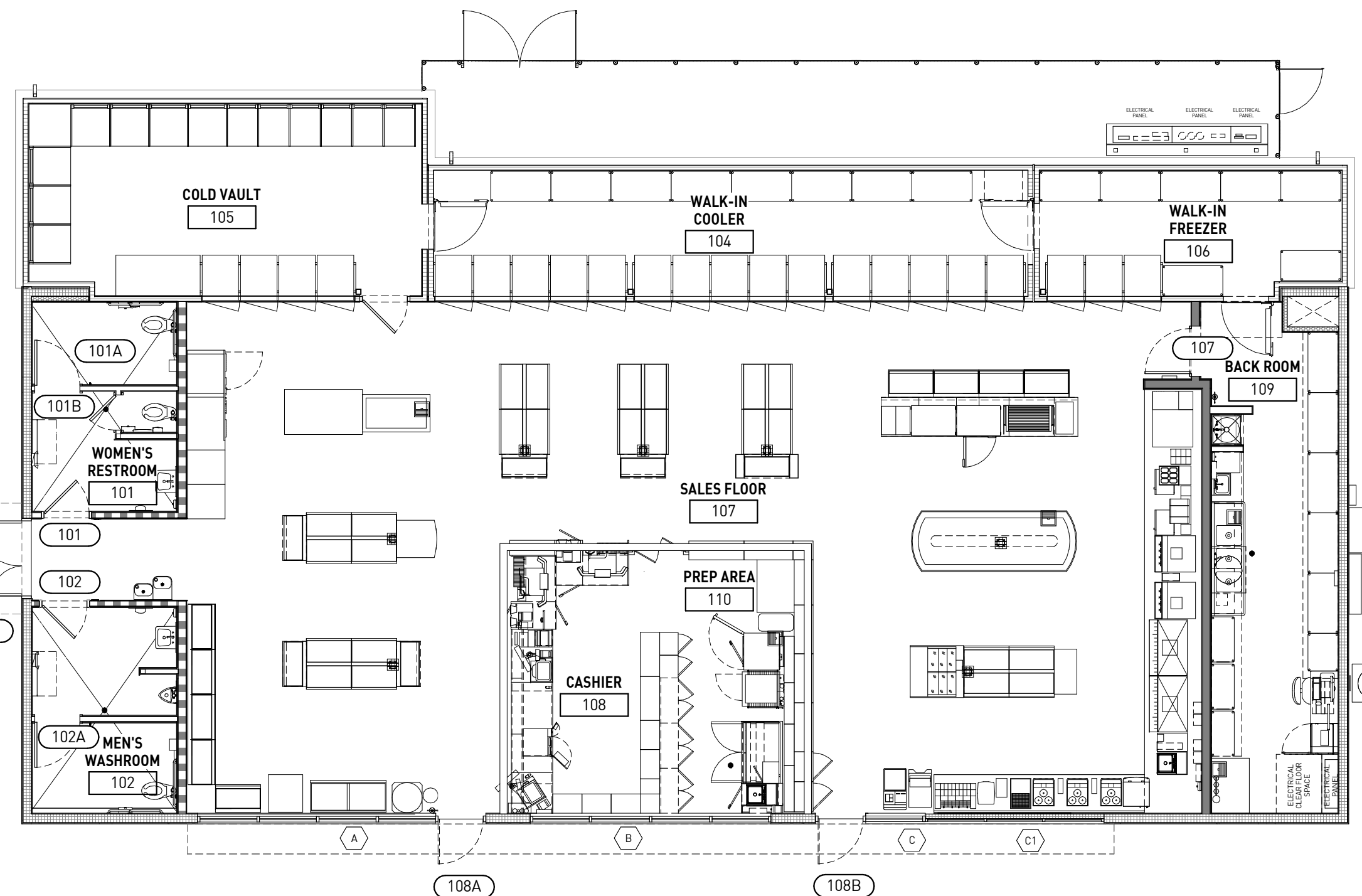


CIRCLE K STORE INC.

PROJECT NUMBER: 22130

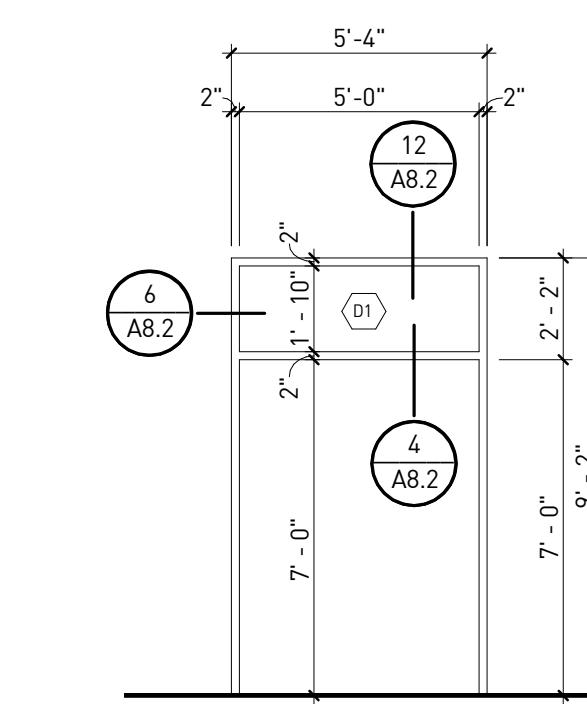
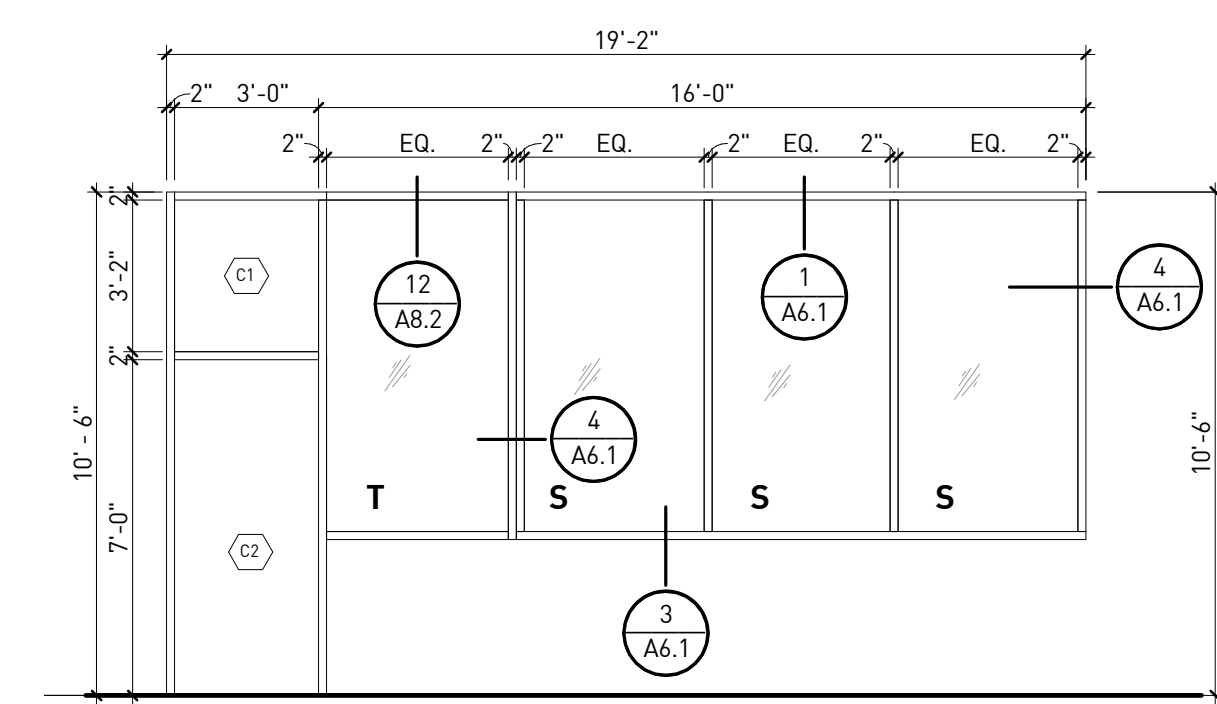
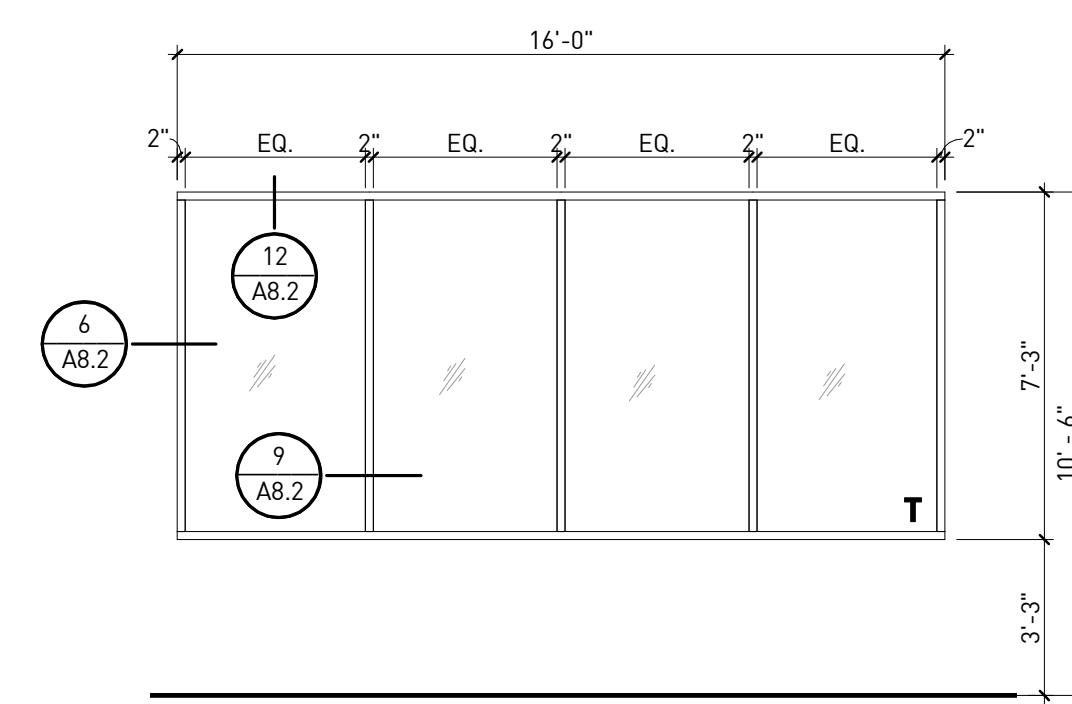
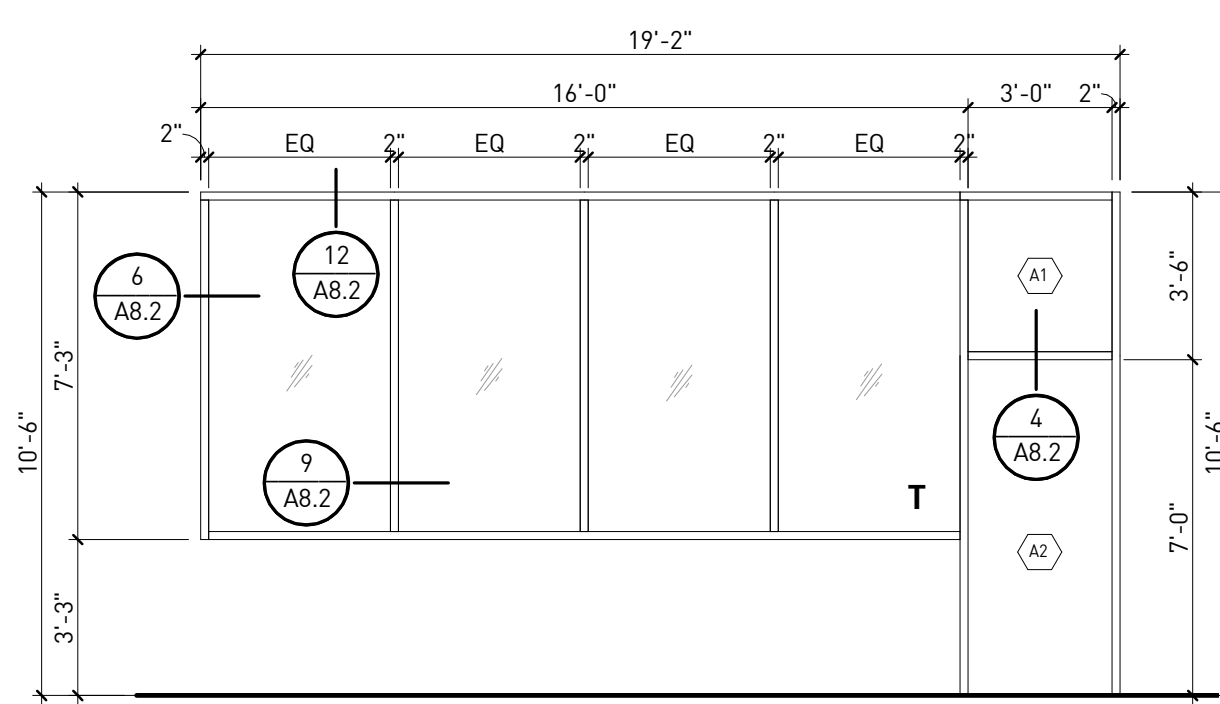
**ROOM KEY PLAN,  
DOOR / WINDOW  
SCHEDULE &  
TYPES, AND  
NOTES**

# A6.0



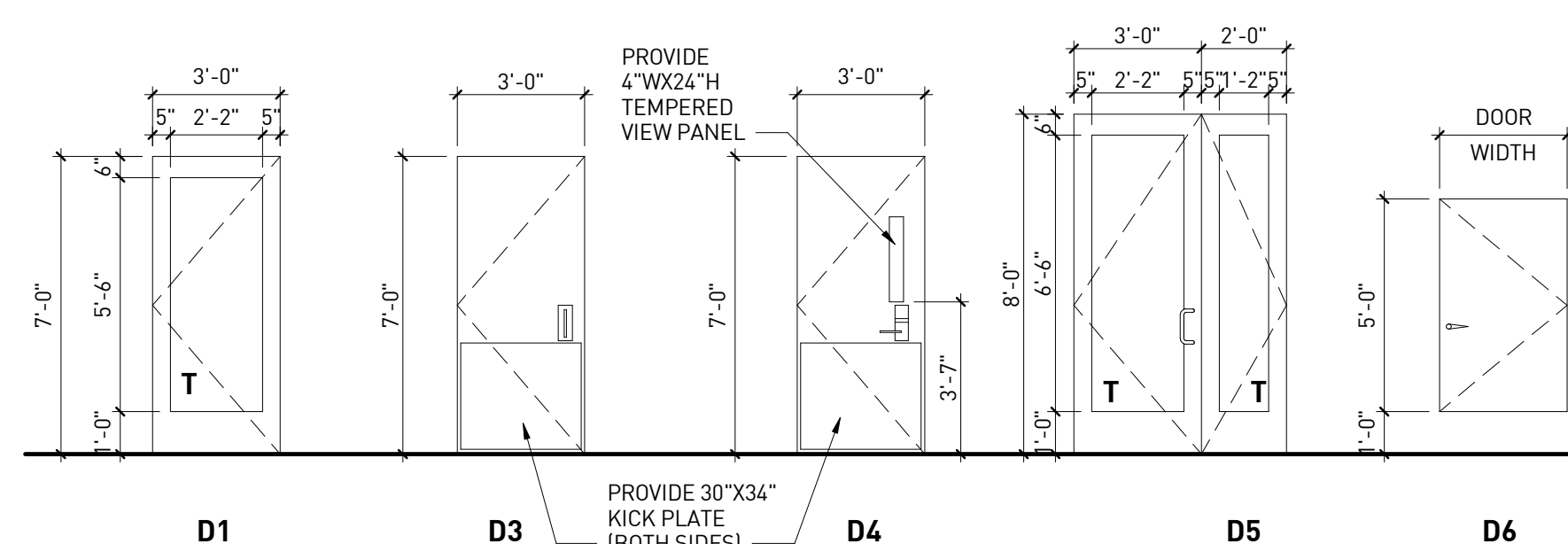
DOOR / WINDOWS / ROOM KEY PLAN | 4

1/8" = 1'-0"



WINDOW SCHEDULE | 3

1/4" = 1'-0"



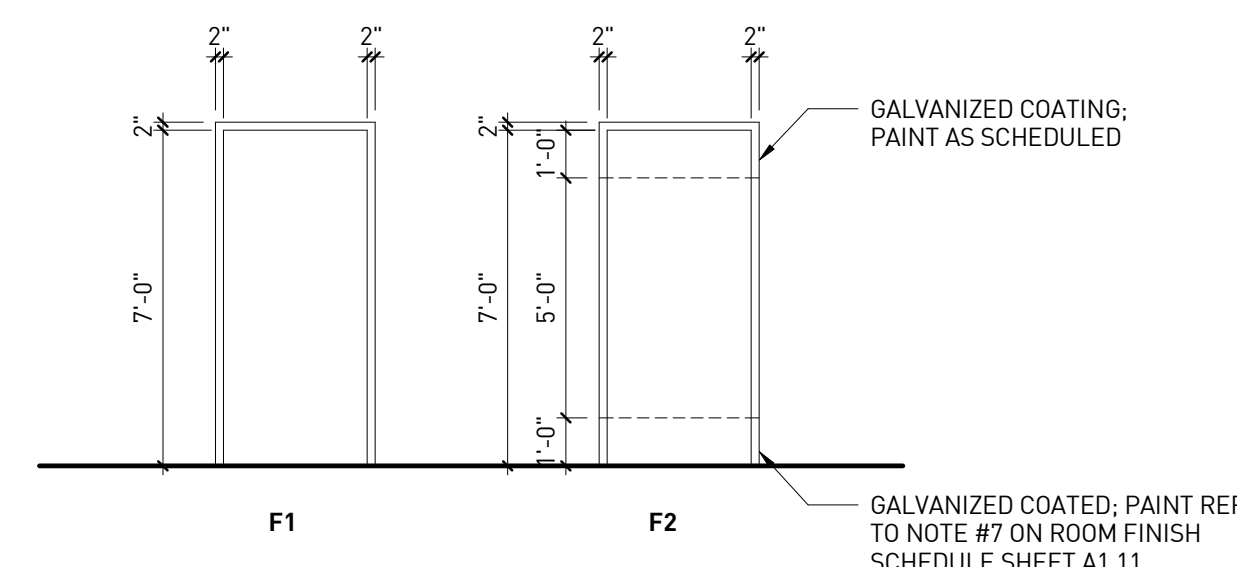
DOOR TYPES | 2

1/4" = 1'-0"

NOTE: INTERIOR DOOR AND DOOR FRAME PAINT, REFER FINISH P5 ON ROOM FINISH SCHEDULE SHEET A1.11

FRAME TYPES | 1

1/4" = 1'-0"



## STOREFRONT NOTES

KAWNEER 451T FRAMING SYSTEM OR EQUAL.

## STOREFRONT VENEER

KAWNEER TRIFAB 450 - 2" VENEER SYSTEM GLAZING TO BE MANUFACTURED ACCORDING TO STOREFRONT MANUFACTURER'S SPECIFICATIONS

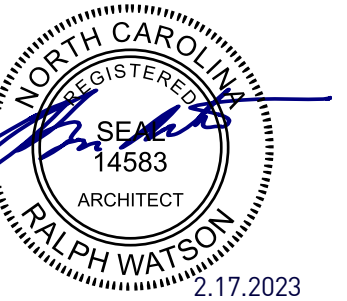
GALVANIZED COATING; PAINT AS SCHEDULED

GALVANIZED COATED; PAINT REFER TO NOTE #7 ON ROOM FINISH SCHEDULE SHEET A1.11

**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**

RW

**PROJECT MANAGER**

RM

**QUALITY CONTROL**

JS

**DRAWN BY**

YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

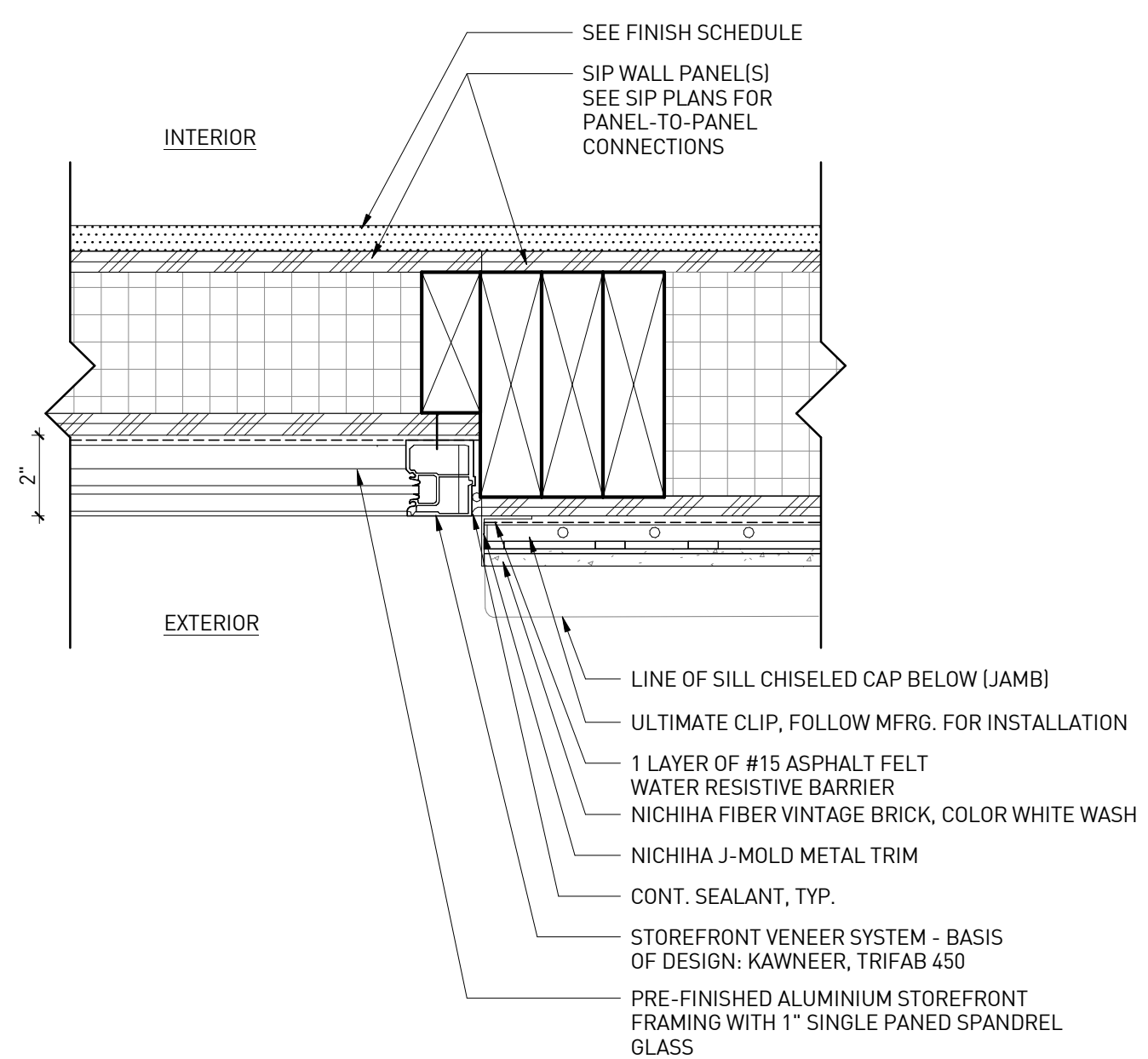
PROTOCOL # R1.1 11/21/22



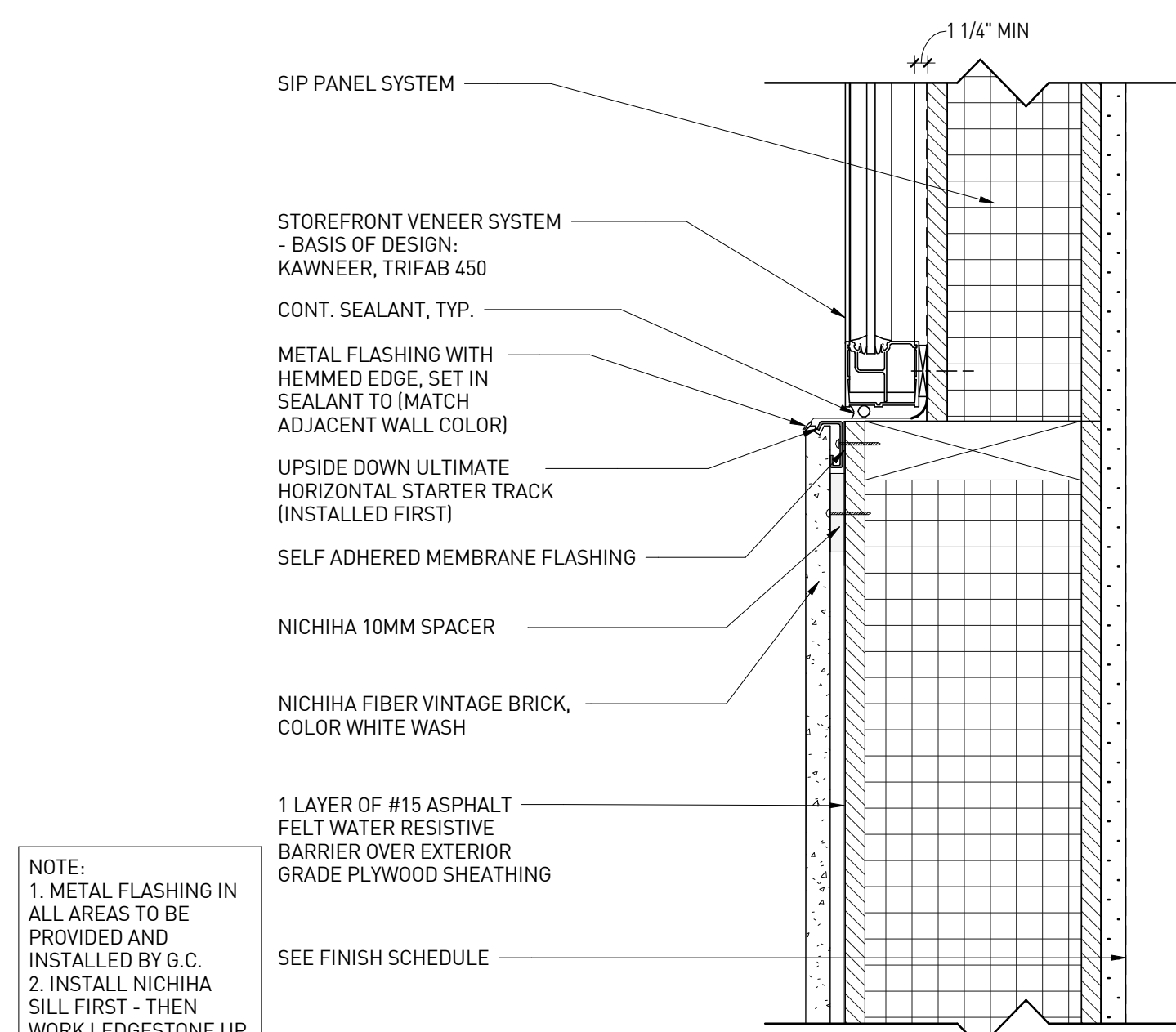
CIRCLE K STORE INC.

PROJECT NUMBER: 22130

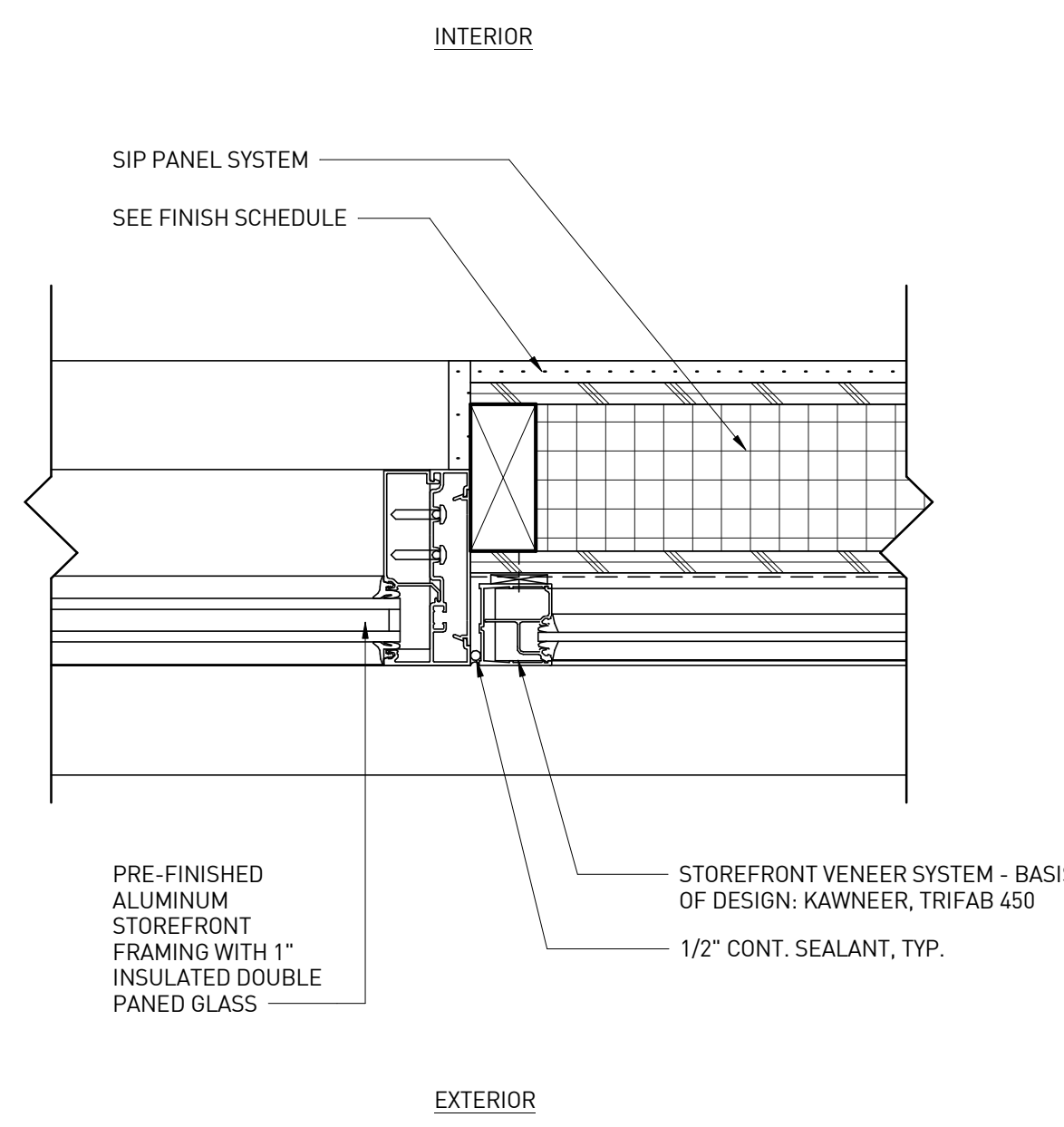
**EXTERIOR ARCHITECTURAL DETAILS**



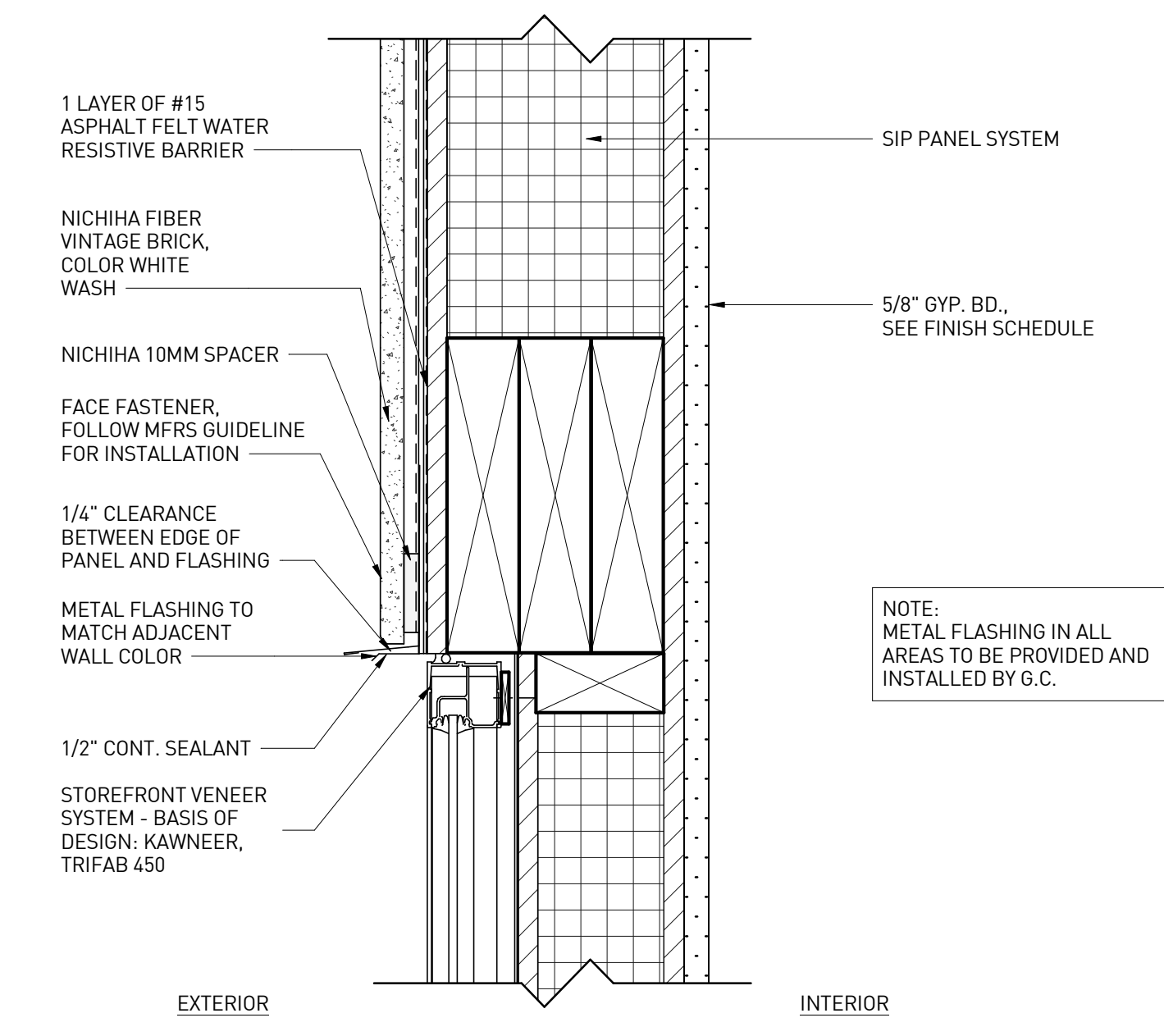
STOREFRONT VENEER - JAMB | 4  
3" = 1'-0"



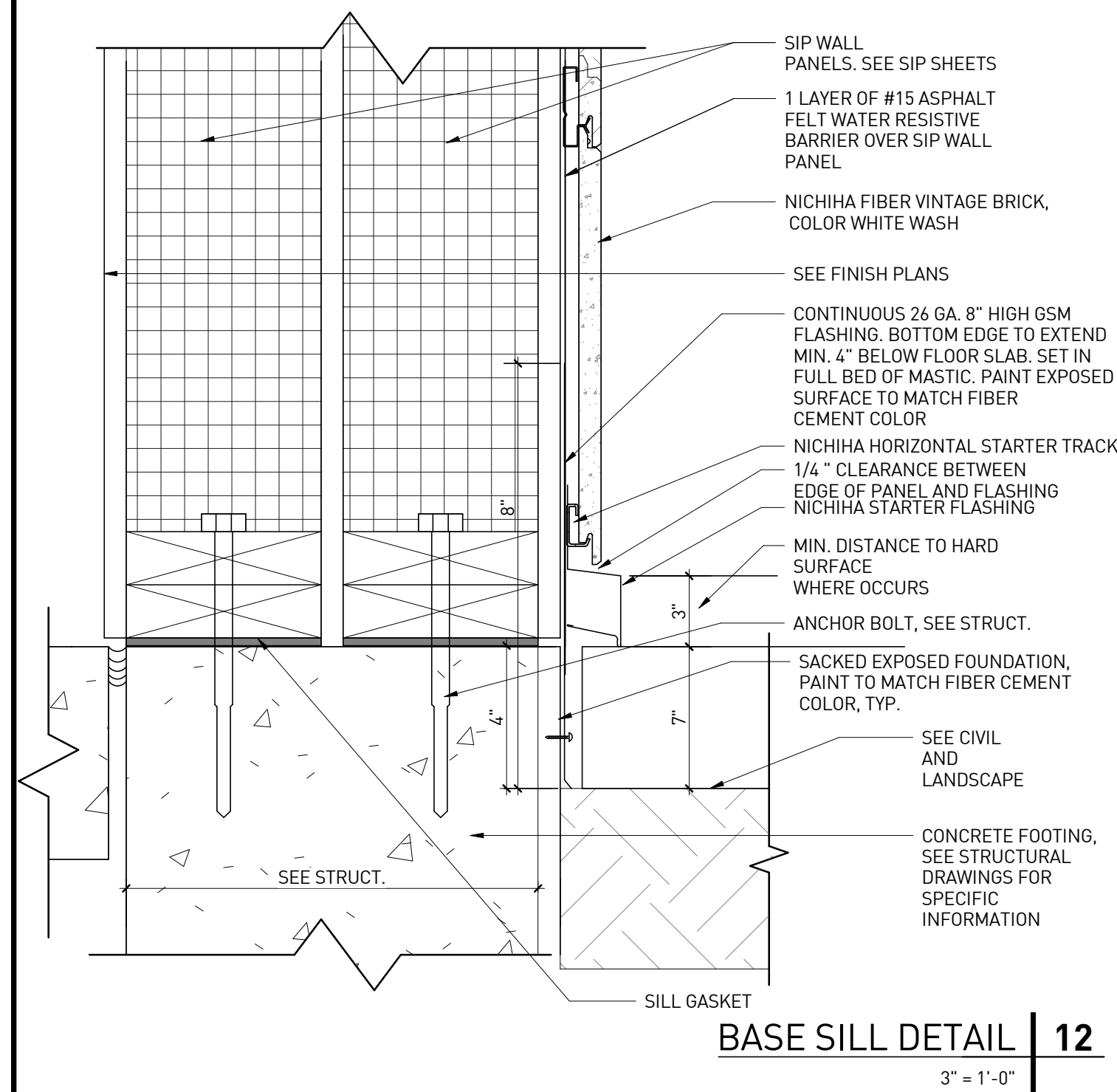
STOREFRONT VENEER - SILL | 3  
3" = 1'-0"



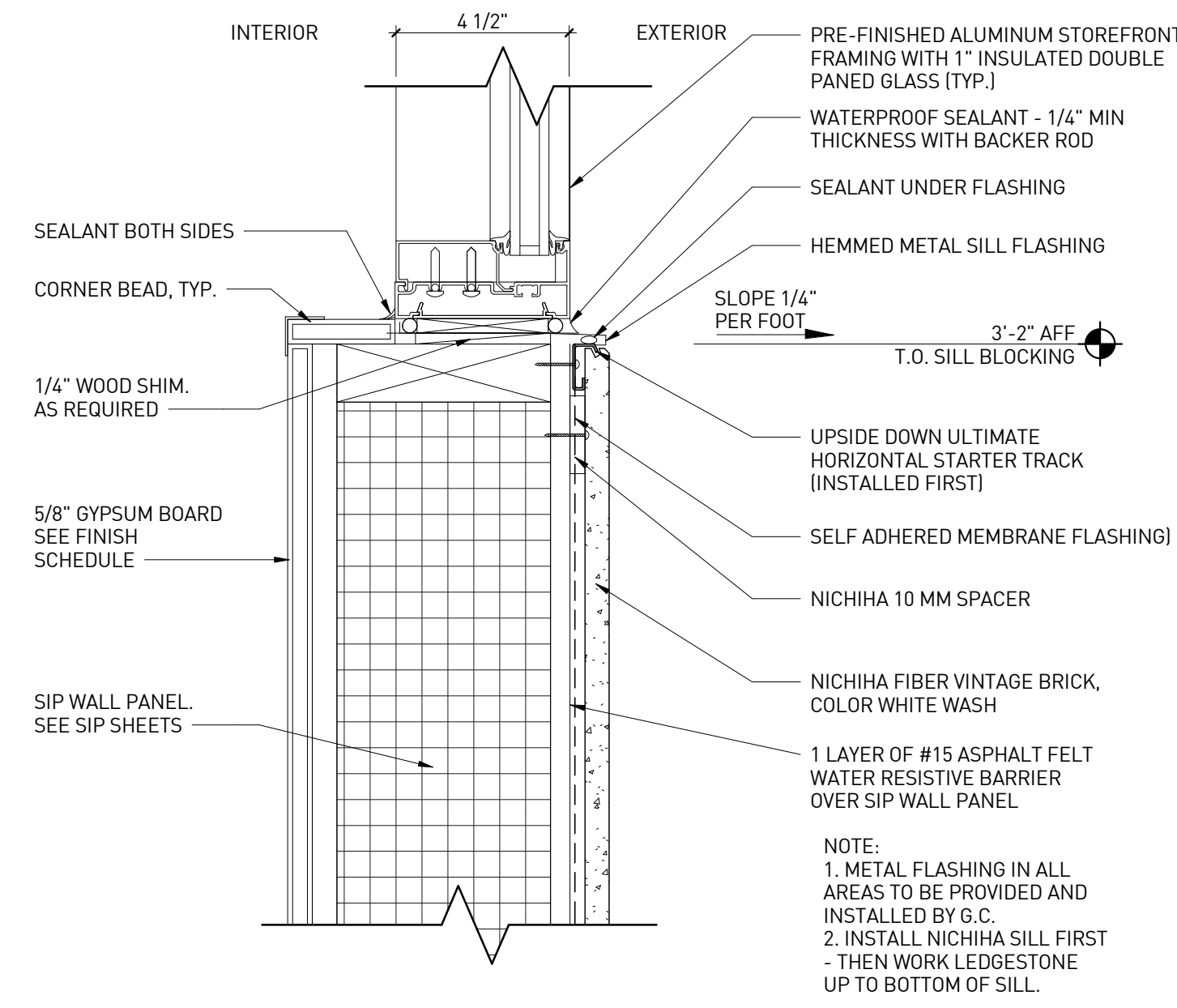
STOREFRONT VENEER - JAMB | 2  
3" = 1'-0"



STOREFRONT VENEER - HEAD | 1  
3" = 1'-0"

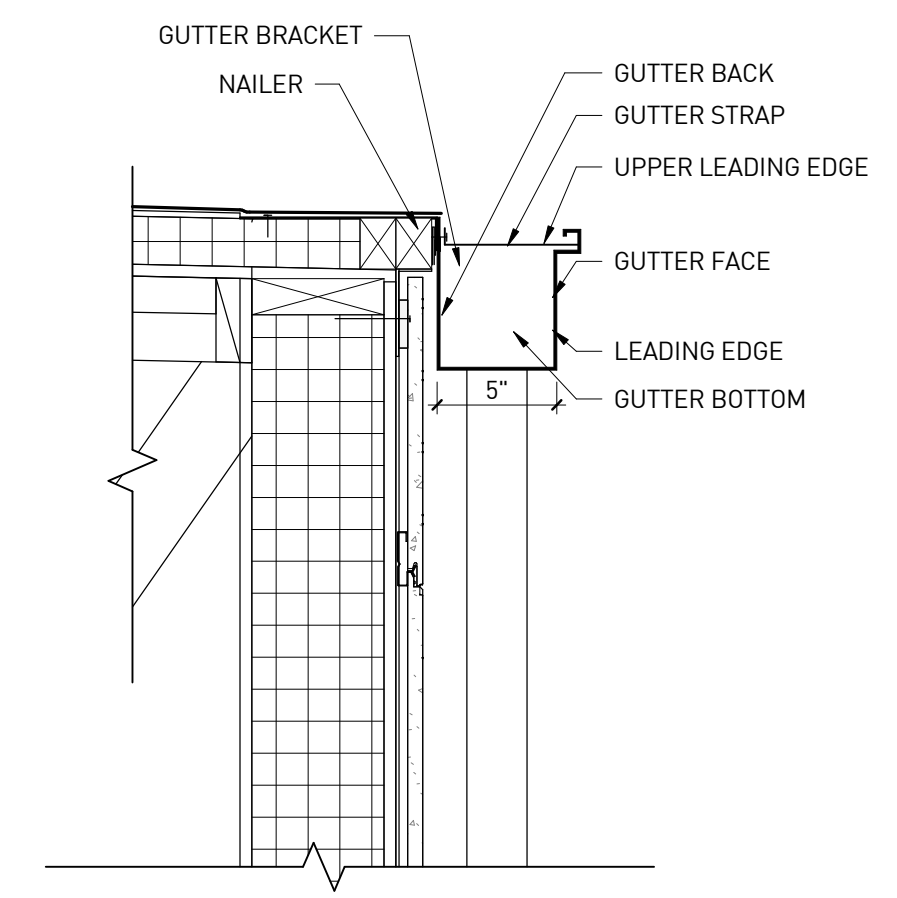


**BASE SILL DETAIL | 12**  
3" = 1'-0"

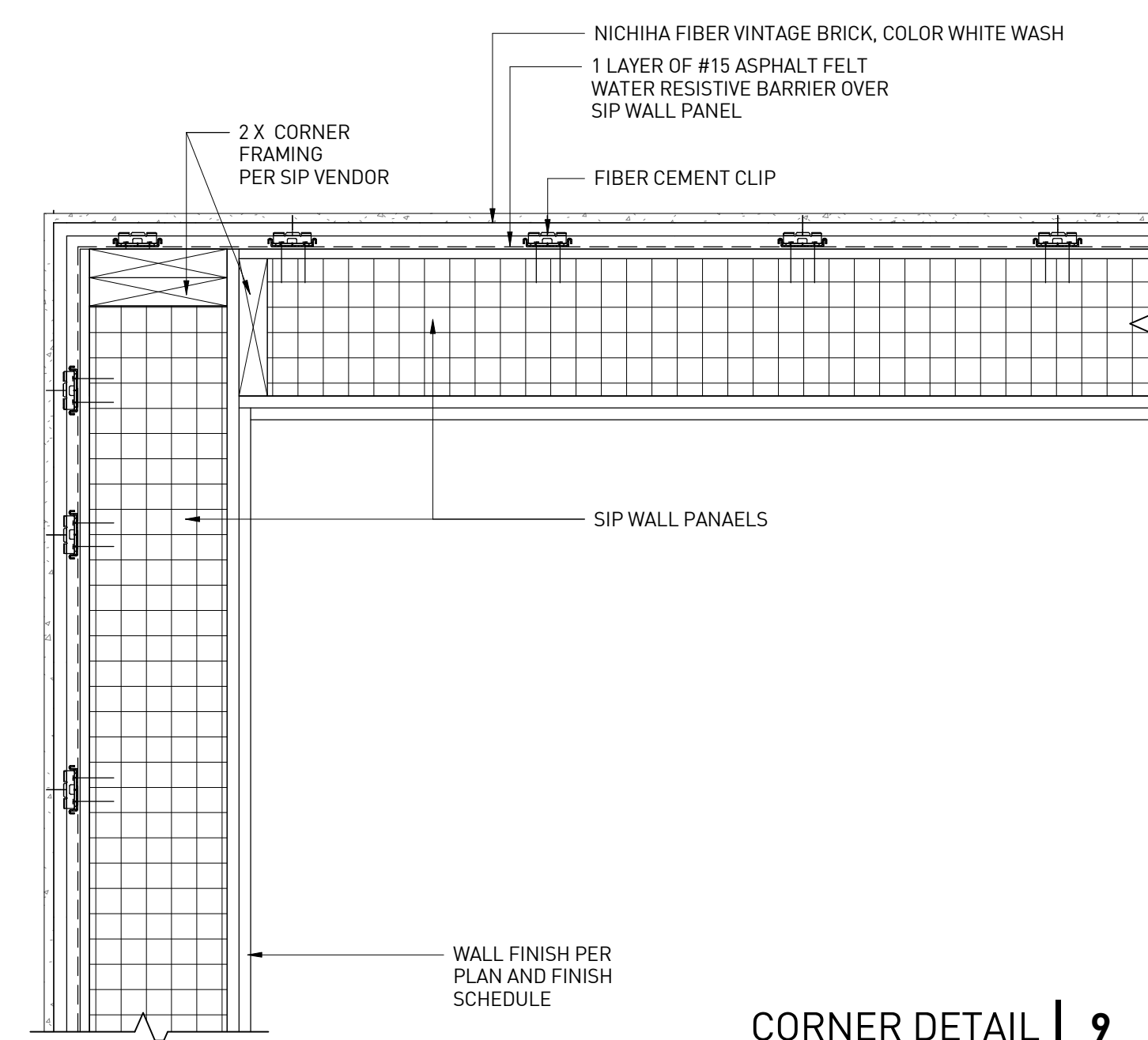


NOTE:  
 1. METAL FLASHING IN ALL AREAS TO BE PROVIDED AND INSTALLED BY G.C.  
 2. INSTALL NICHHA SILL FIRST - THEN WORK LEDGESTONE UP TO BOTTOM OF SILL.

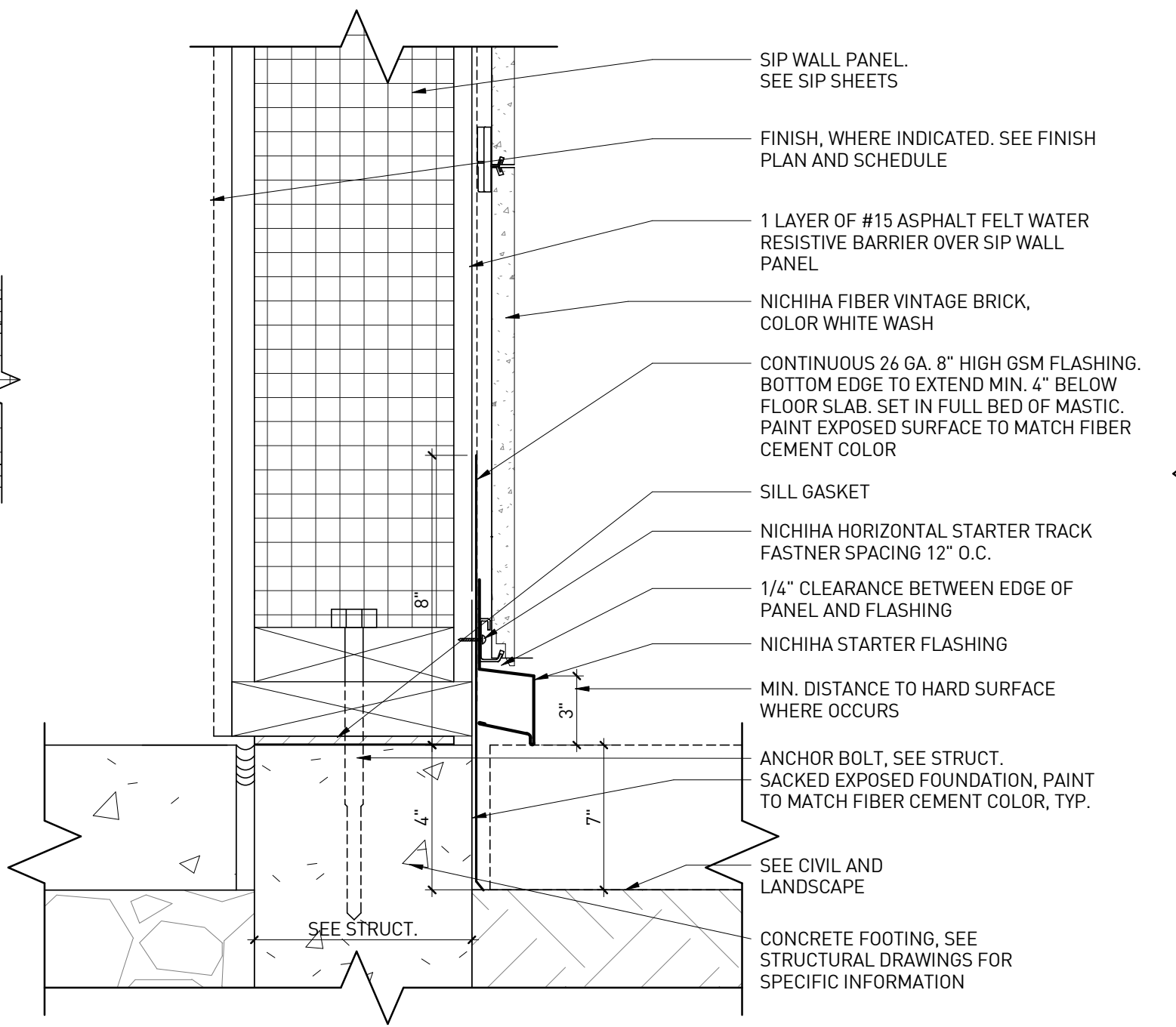
**WINDOW SILL DETAIL | 6**  
3" = 1'-0"



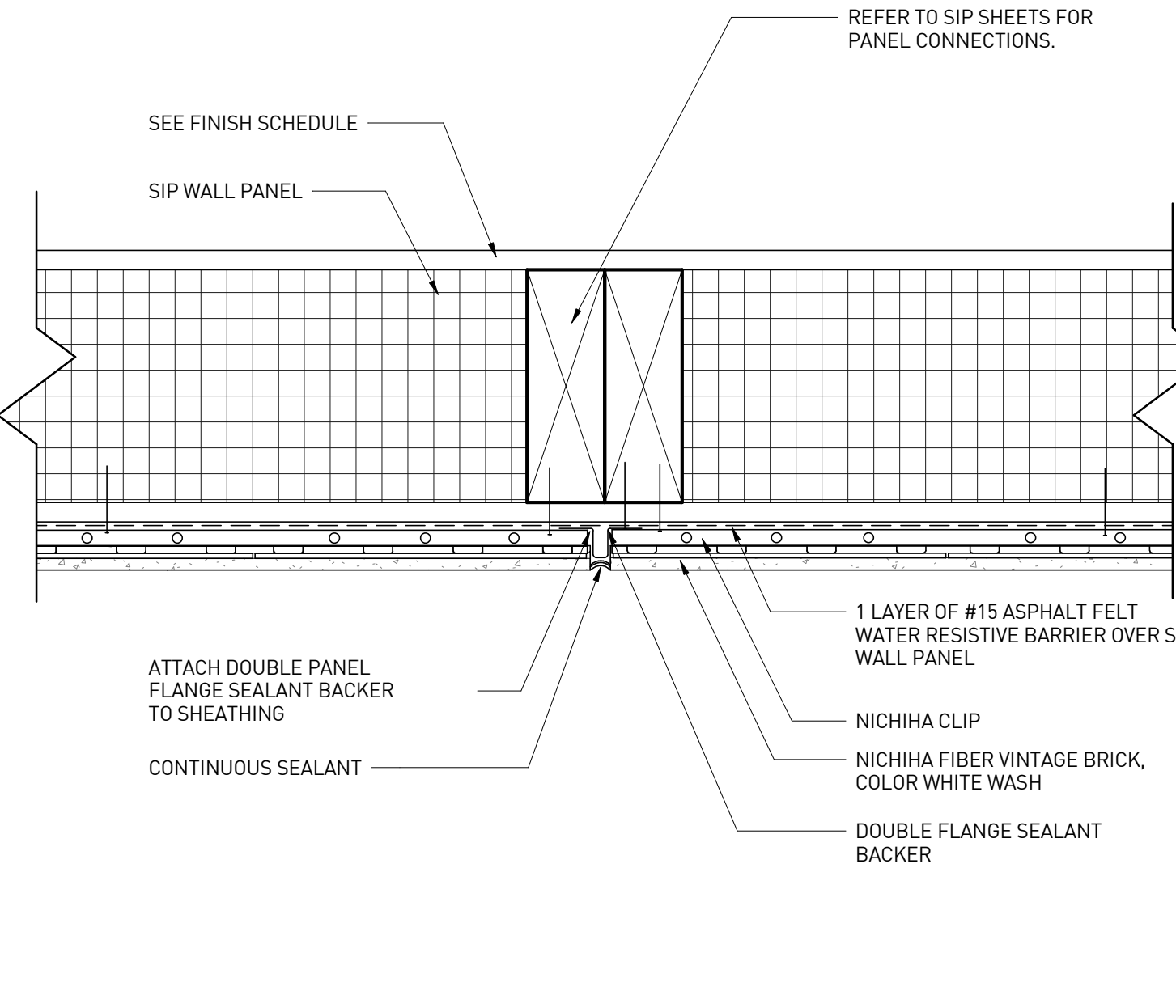
**GUTTER DETAIL | 3**  
1 1/2" = 1'-0"



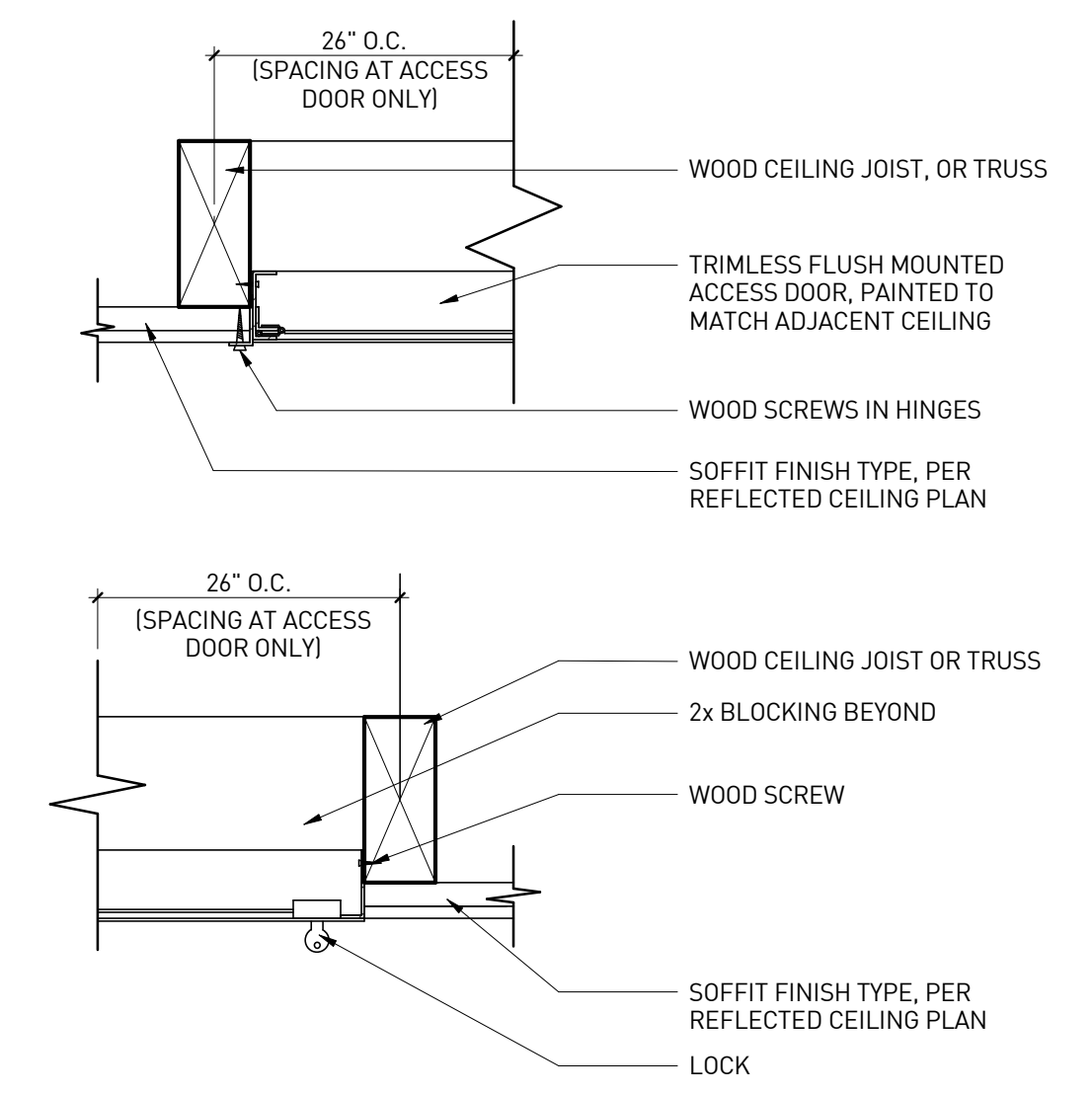
**CORNER DETAIL | 9**  
1 1/2" = 1'-0"



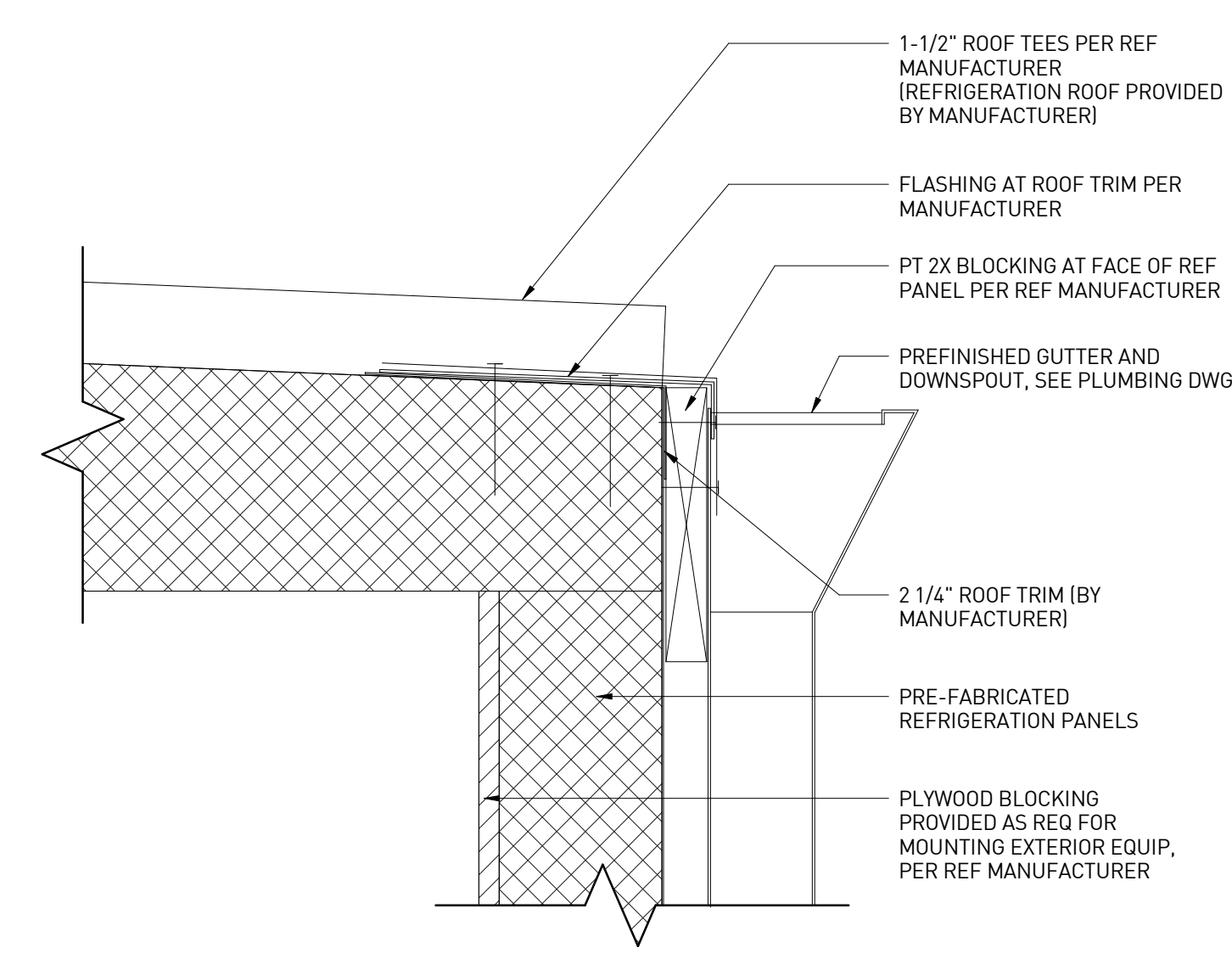
**BASE SILL DETAILS FOR REAR AND SIDE ELEVATION | 8**  
3" = 1'-0"



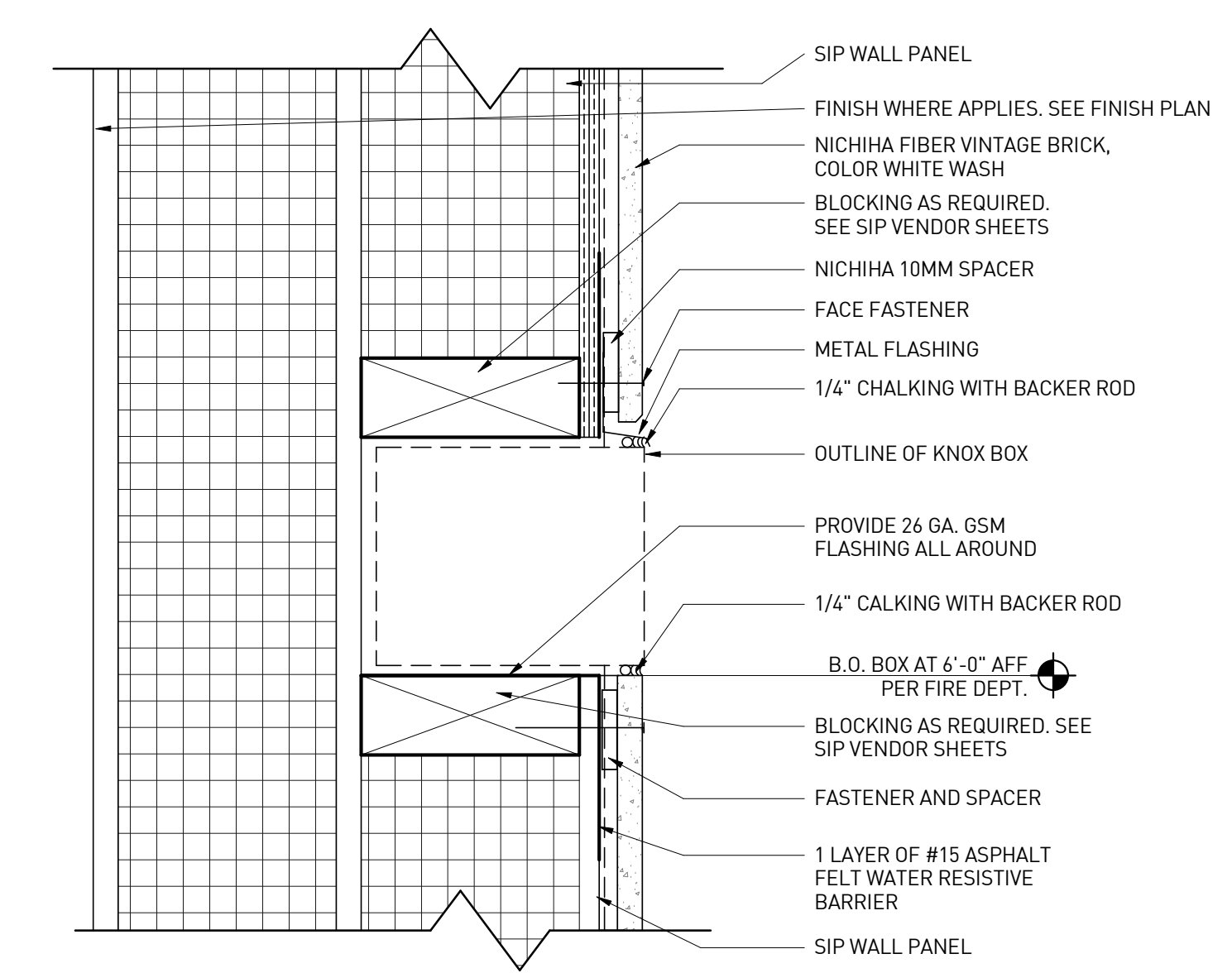
**TYP. CONTROL/EXPANSION JOINT DETAIL | 5**  
3" = 1'-0"



**CEILING ACCESS PANEL | 2**  
3" = 1'-0"



**GUTTER DETAIL AT REFRIGERATION WALL | 7**  
3" = 1'-0"



**RECESS BOX DETAIL | 1**  
3" = 1'-0"

**NOT USED | 10**  
1 1/2" = 1'-0"

**NOT USED | 4**  
1 1/2" = 1'-0"

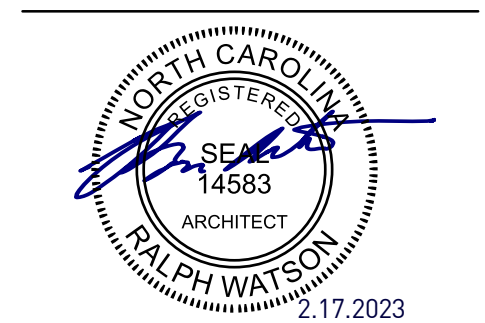
**rdc.**

11921 Freedom Drive #1110  
 Reston, Va 20190  
 t 703.668.0086  
 rdcollaborative.com

**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**

RW

**PROJECT MANAGER**

RM

**QUALITY CONTROL**

JS

**DRAWN BY**

YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

9706 KENNEBEC CHURCH ROAD,  
 ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

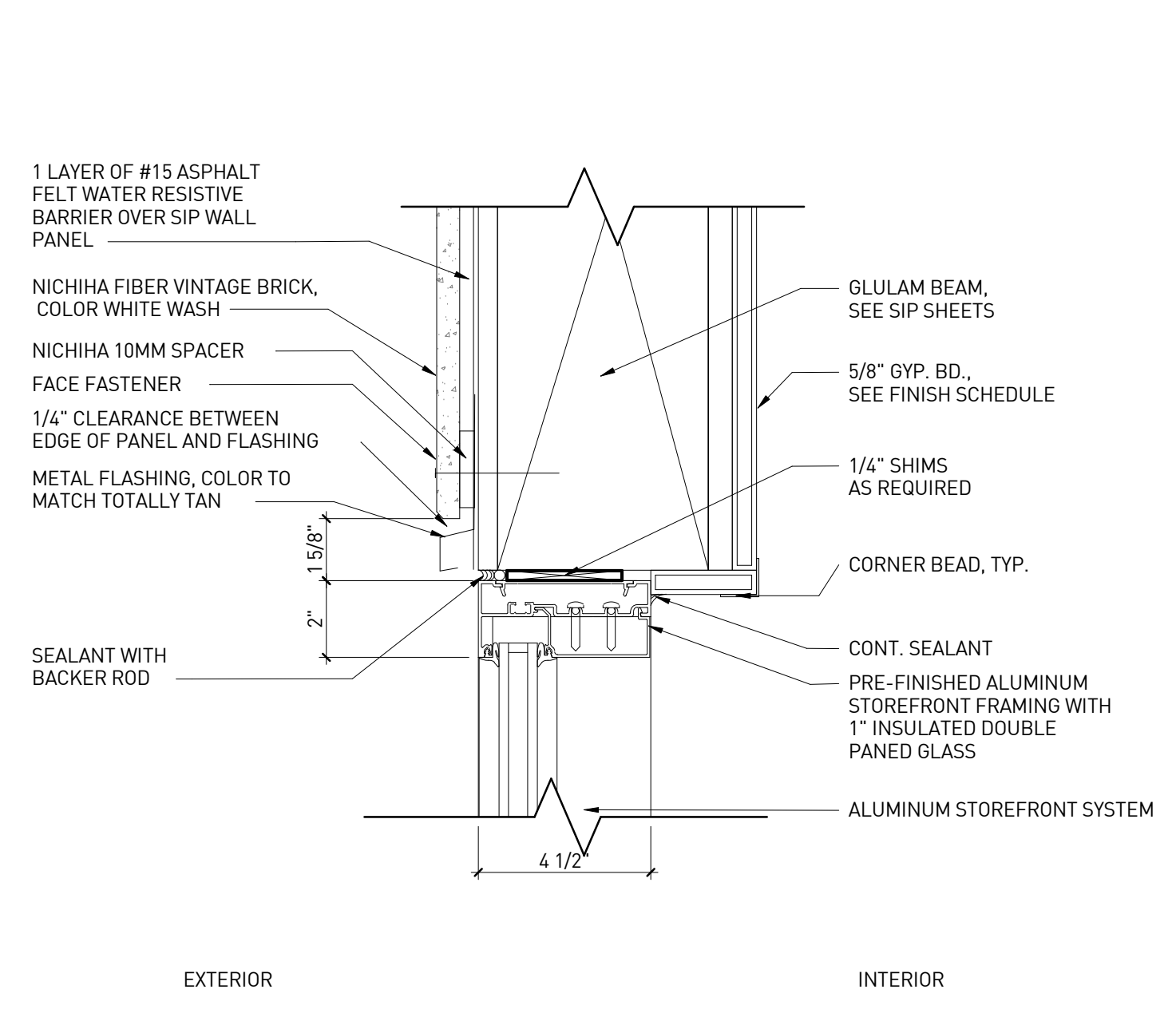


CIRCLE K STORE INC.

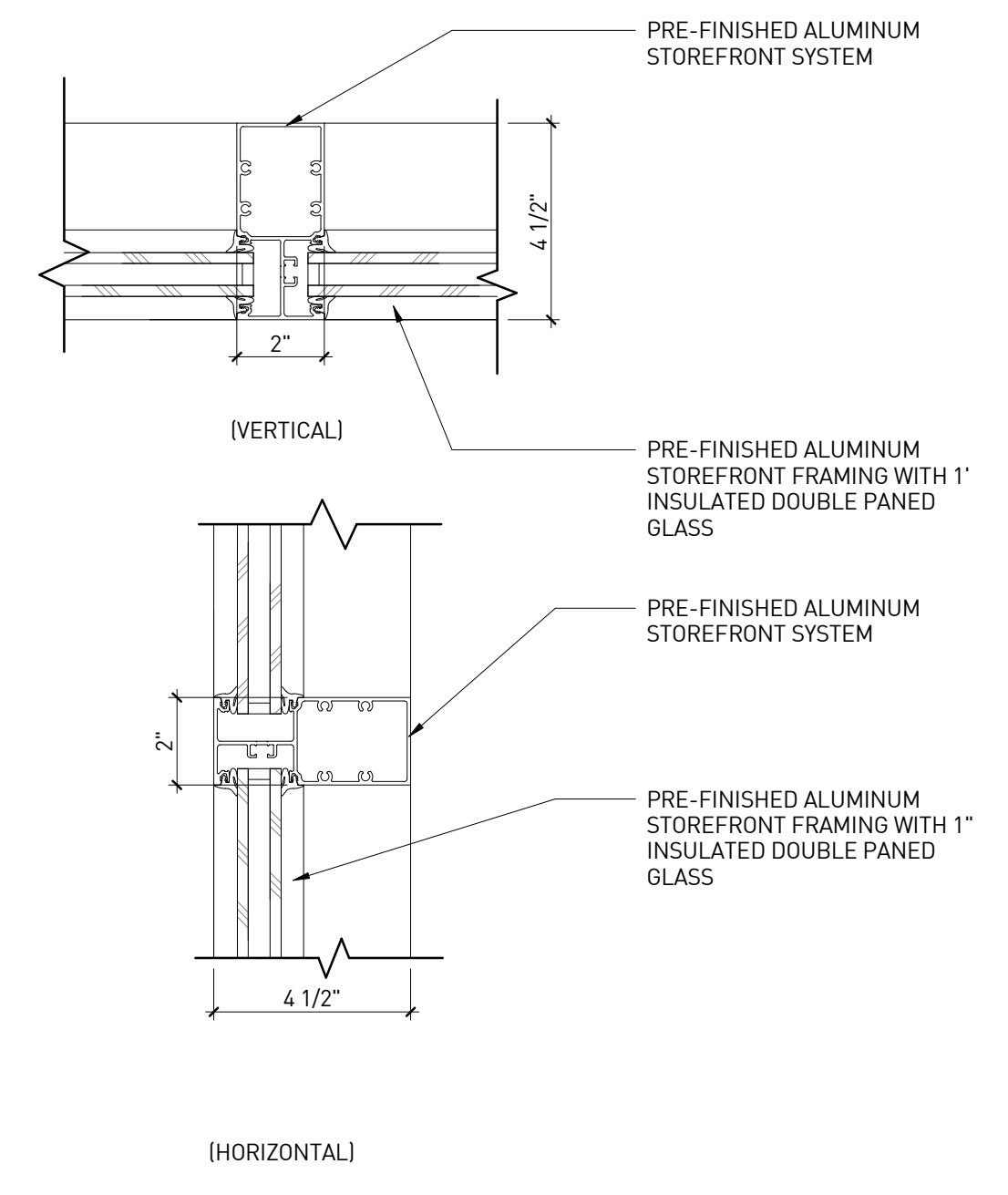
PROJECT NUMBER: 22130

**ARCHITECTURAL DETAILS (EXTERIOR)**

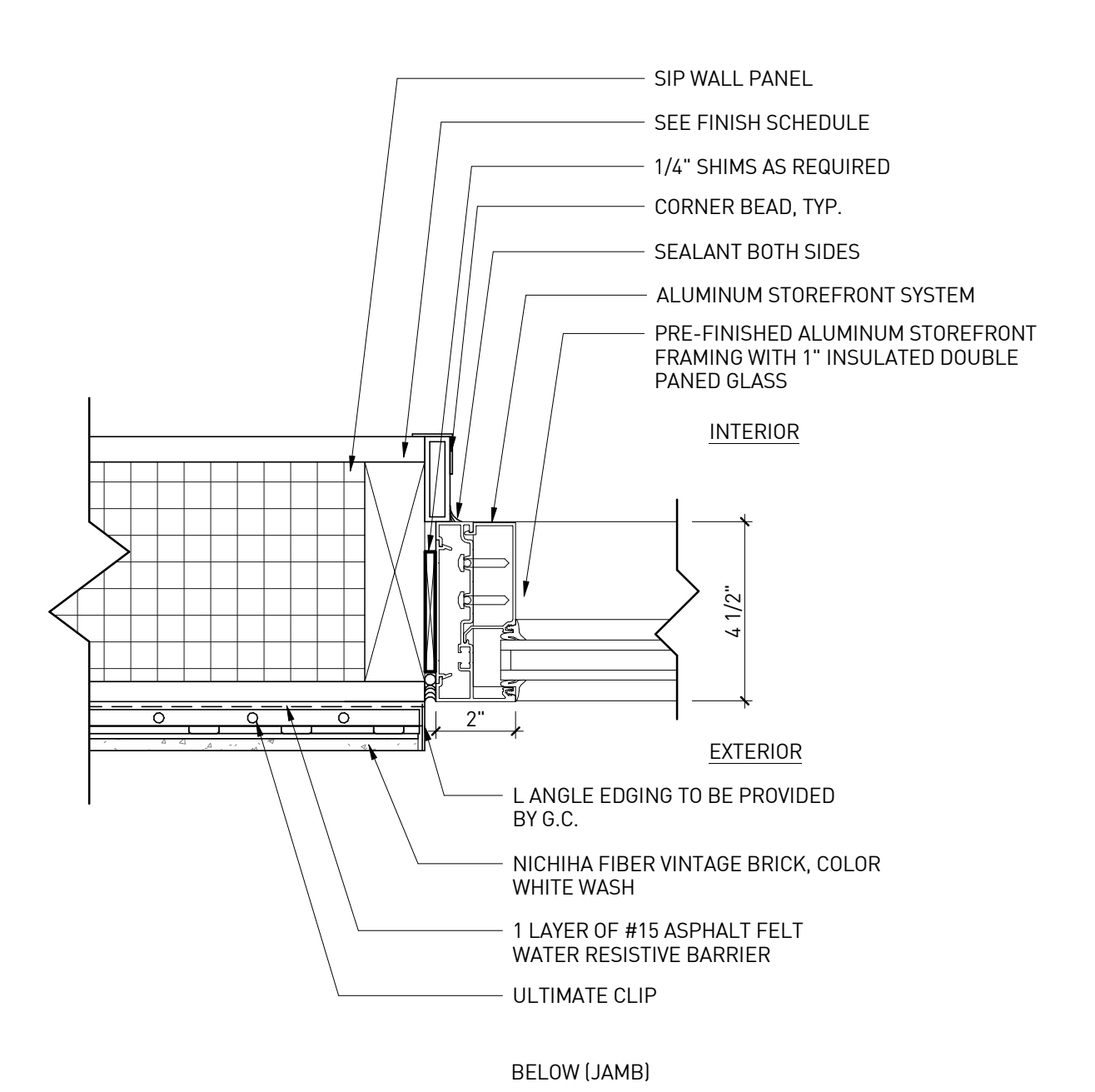
**A8.1**



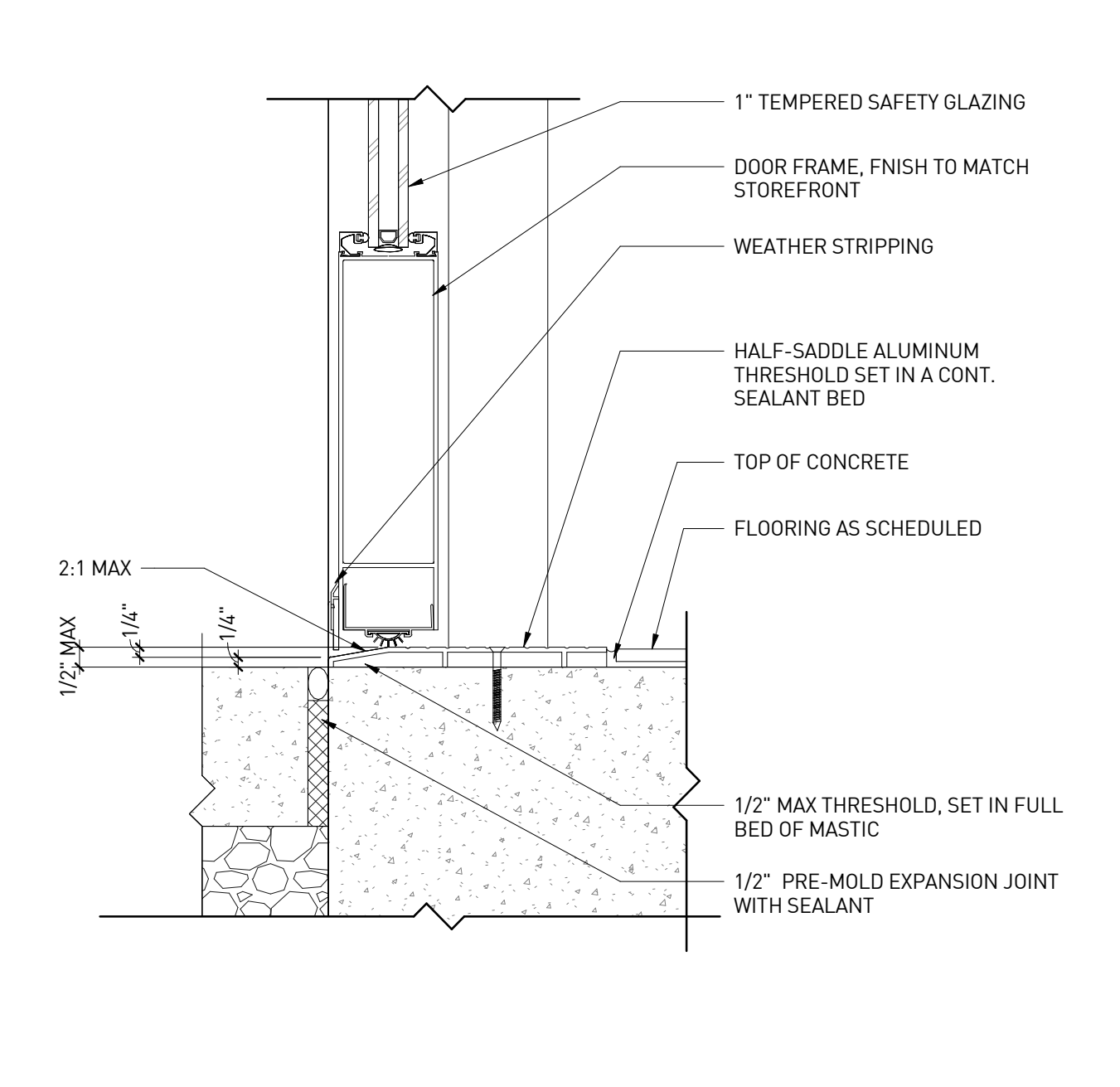
**ALUMINUM WINDOW HEAD | 12**  
3" = 1'-0"



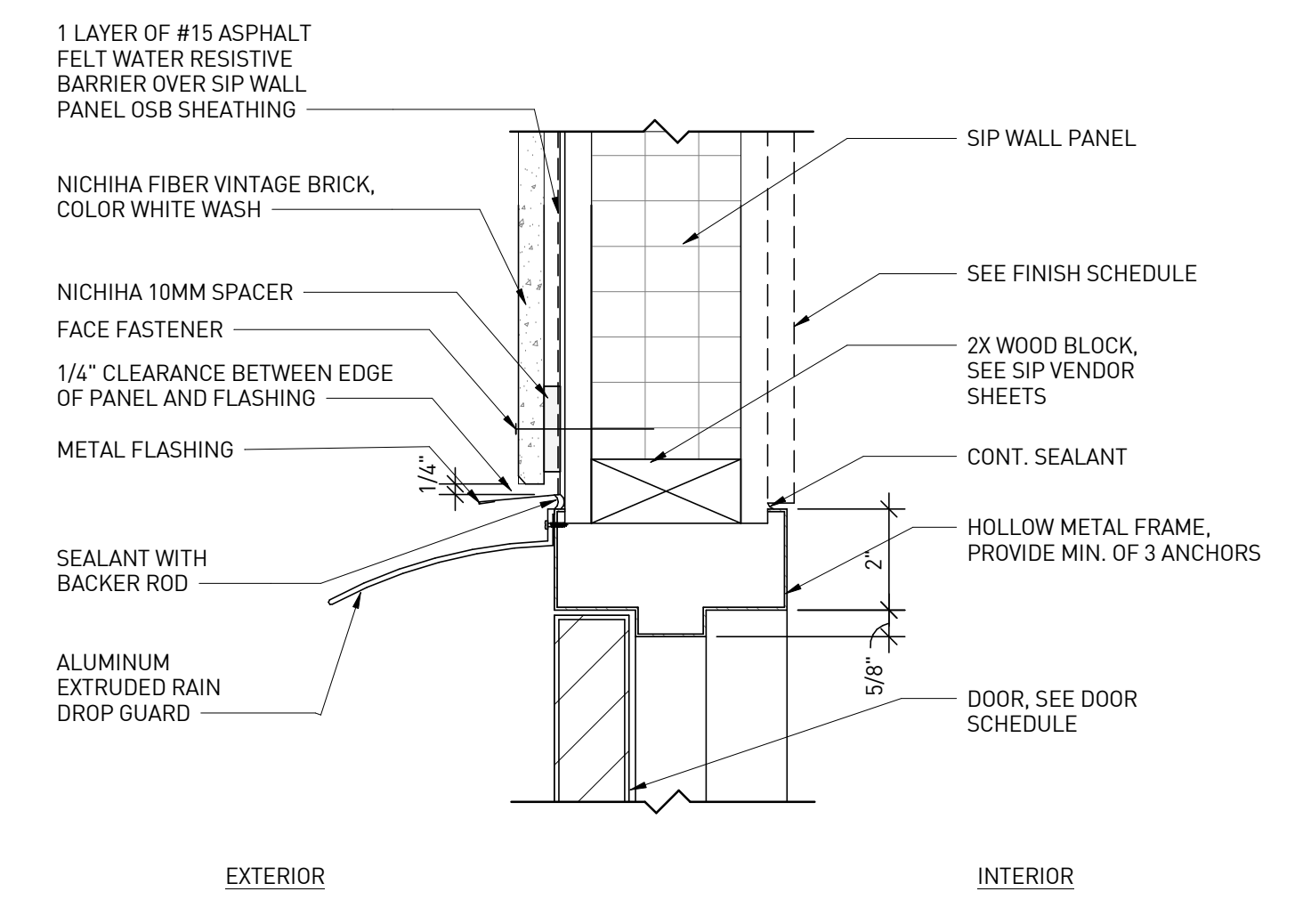
**MULLION DETAIL | 9**  
3" = 1'-0"



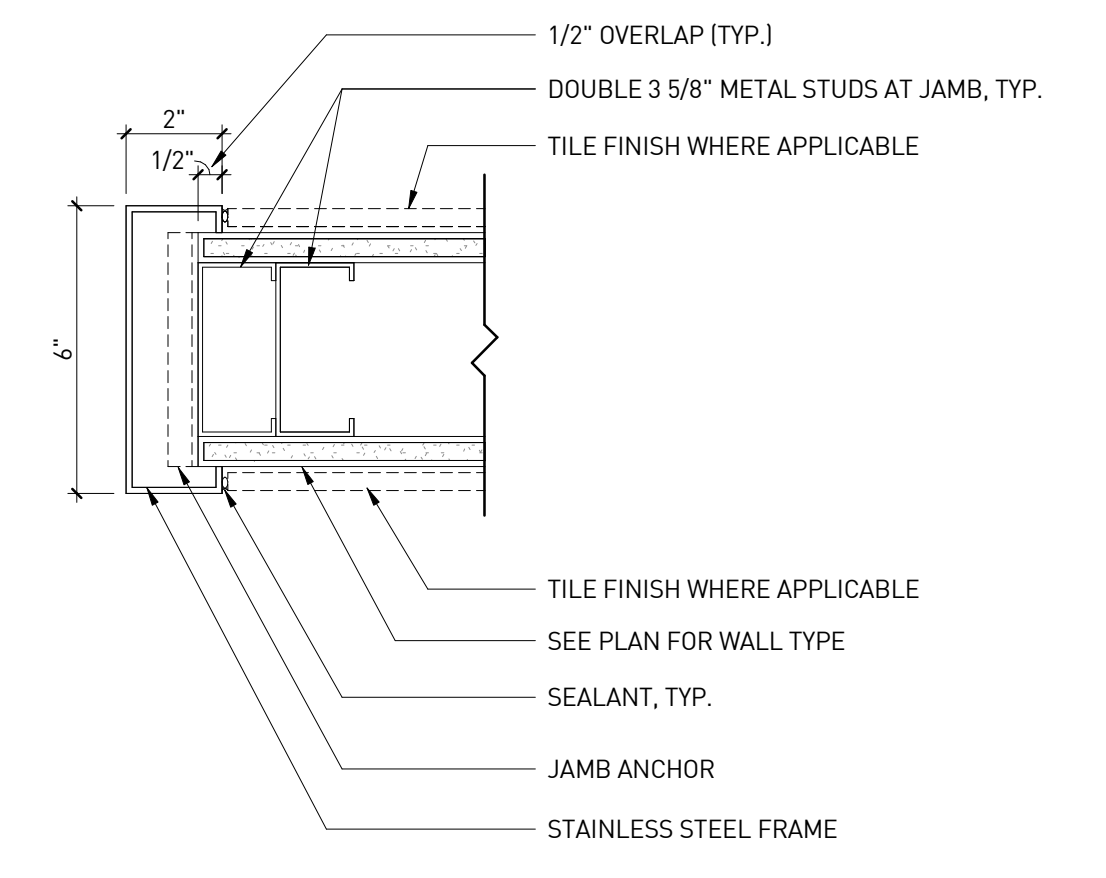
**ALUMINIUM WINDOW JAMB DETAIL | 6**  
3" = 1'-0"



**THRESHOLD AT STOREFRONT DOOR | 3**  
3" = 1'-0"

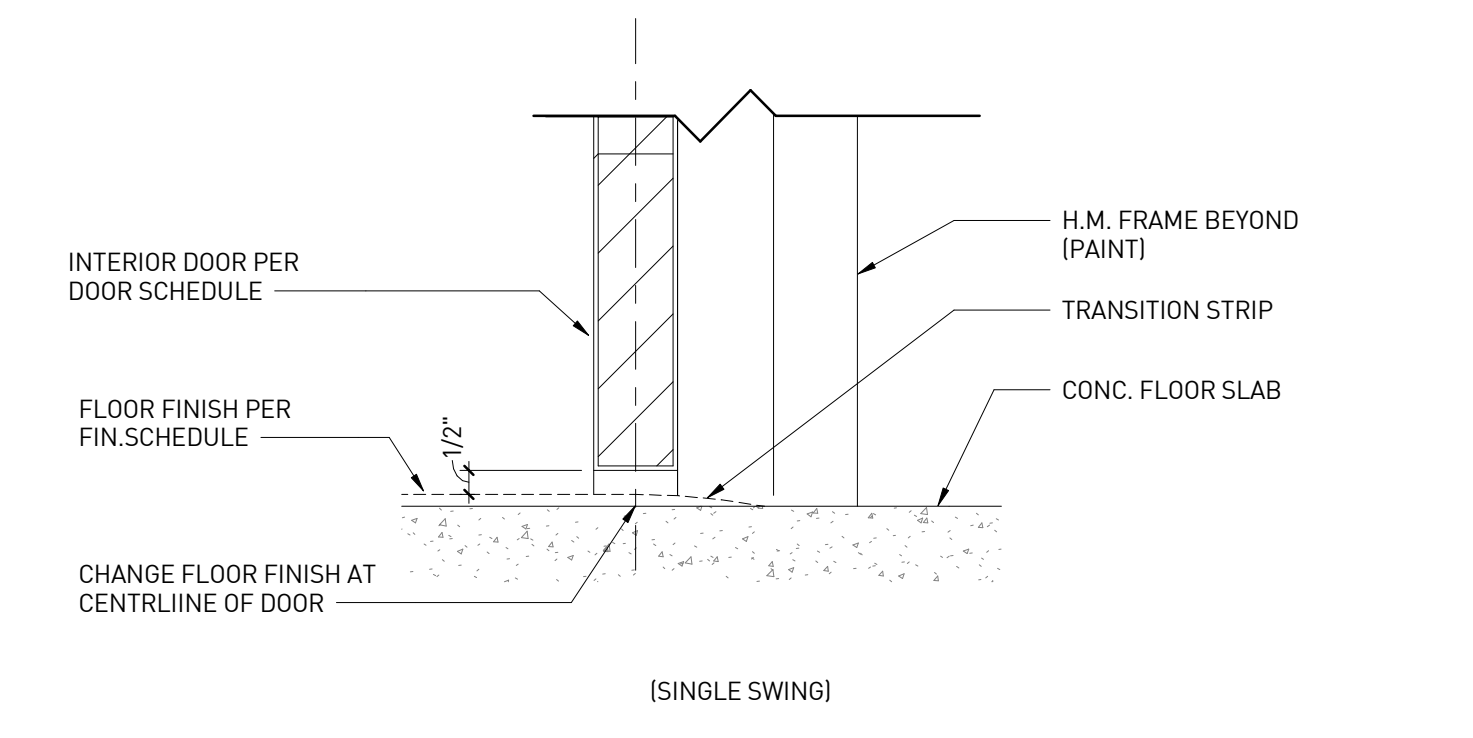


**H.M. DOOR HEAD DETAIL | 11**  
3" = 1'-0"

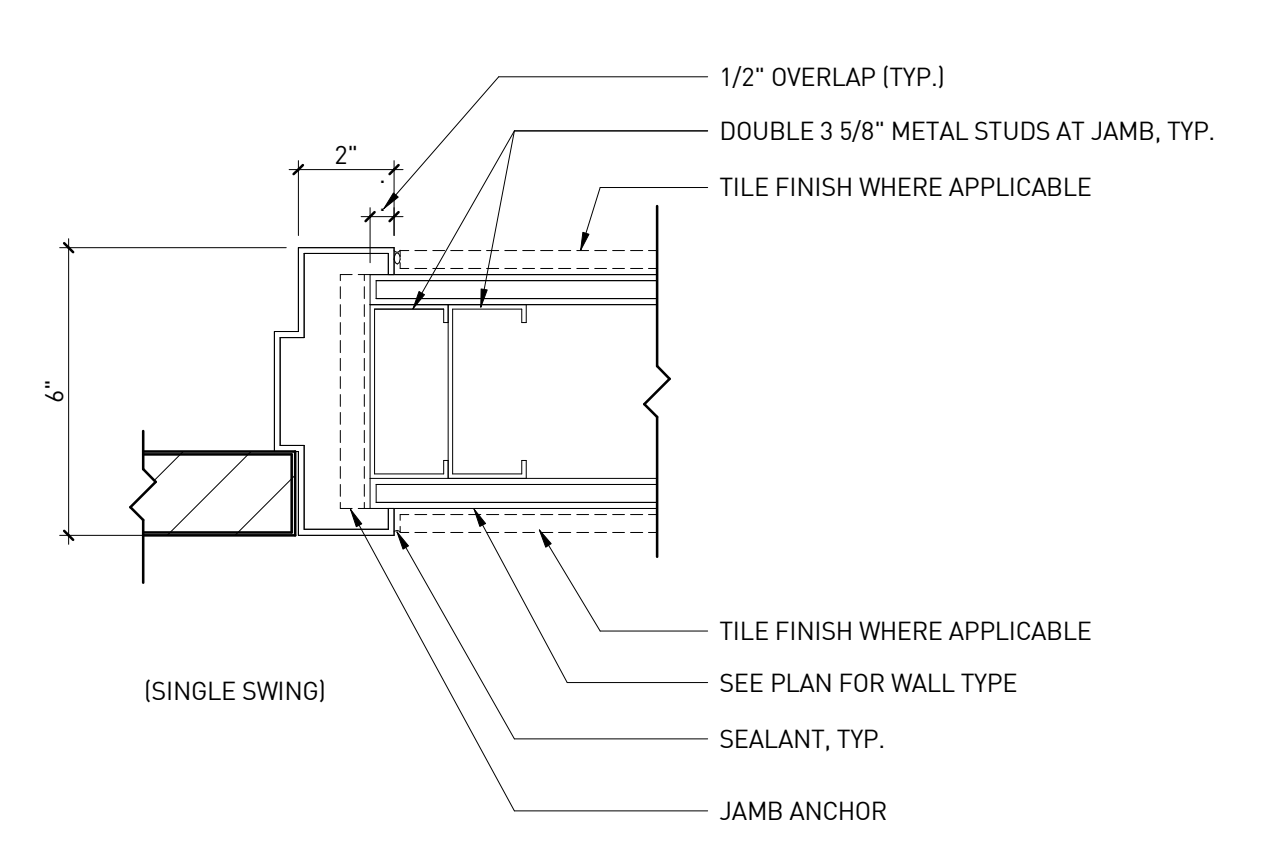


**INTERIOR CASED OPENING | 8**  
3" = 1'-0"

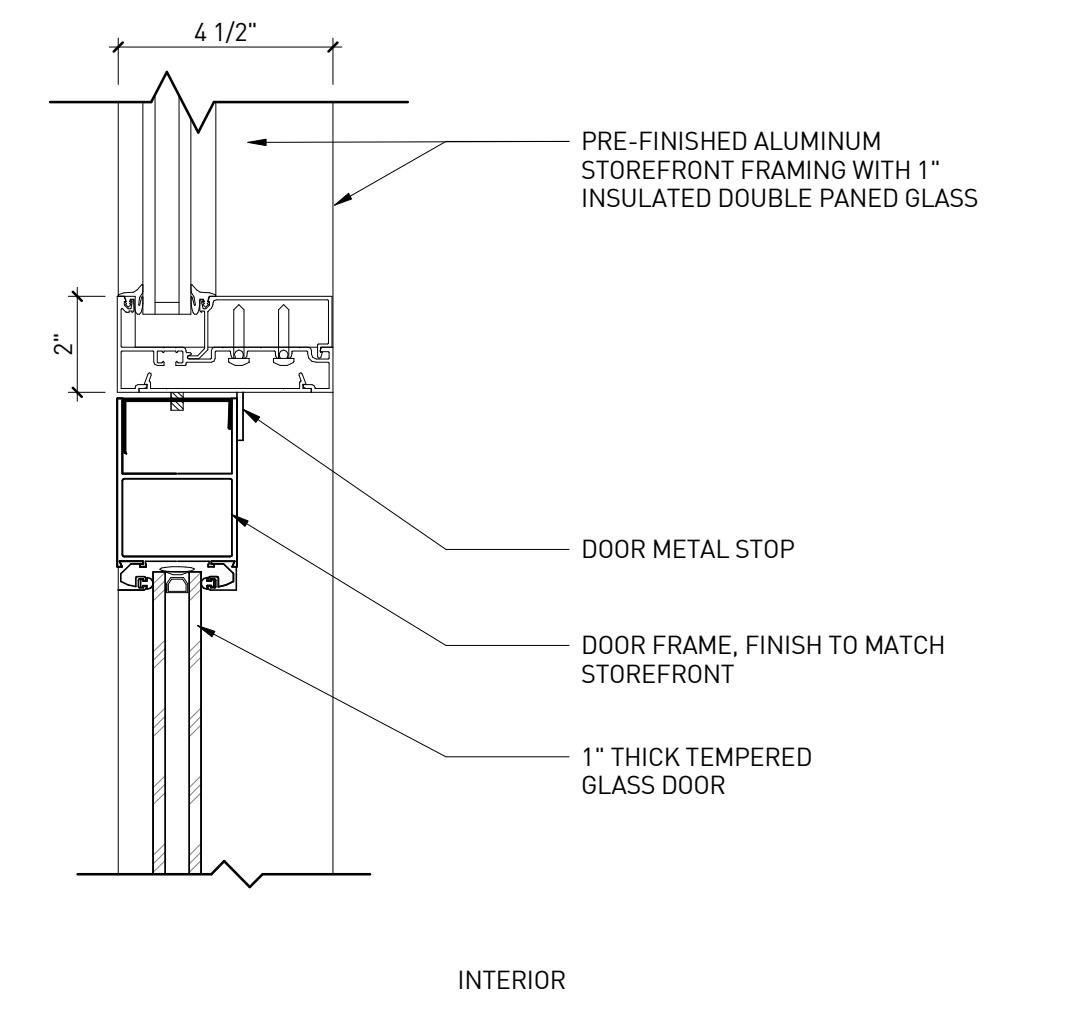
NOTE:  
METAL FLASHING IN ALL AREAS TO  
BE PROVIDED AND INSTALLED BY  
G.C.



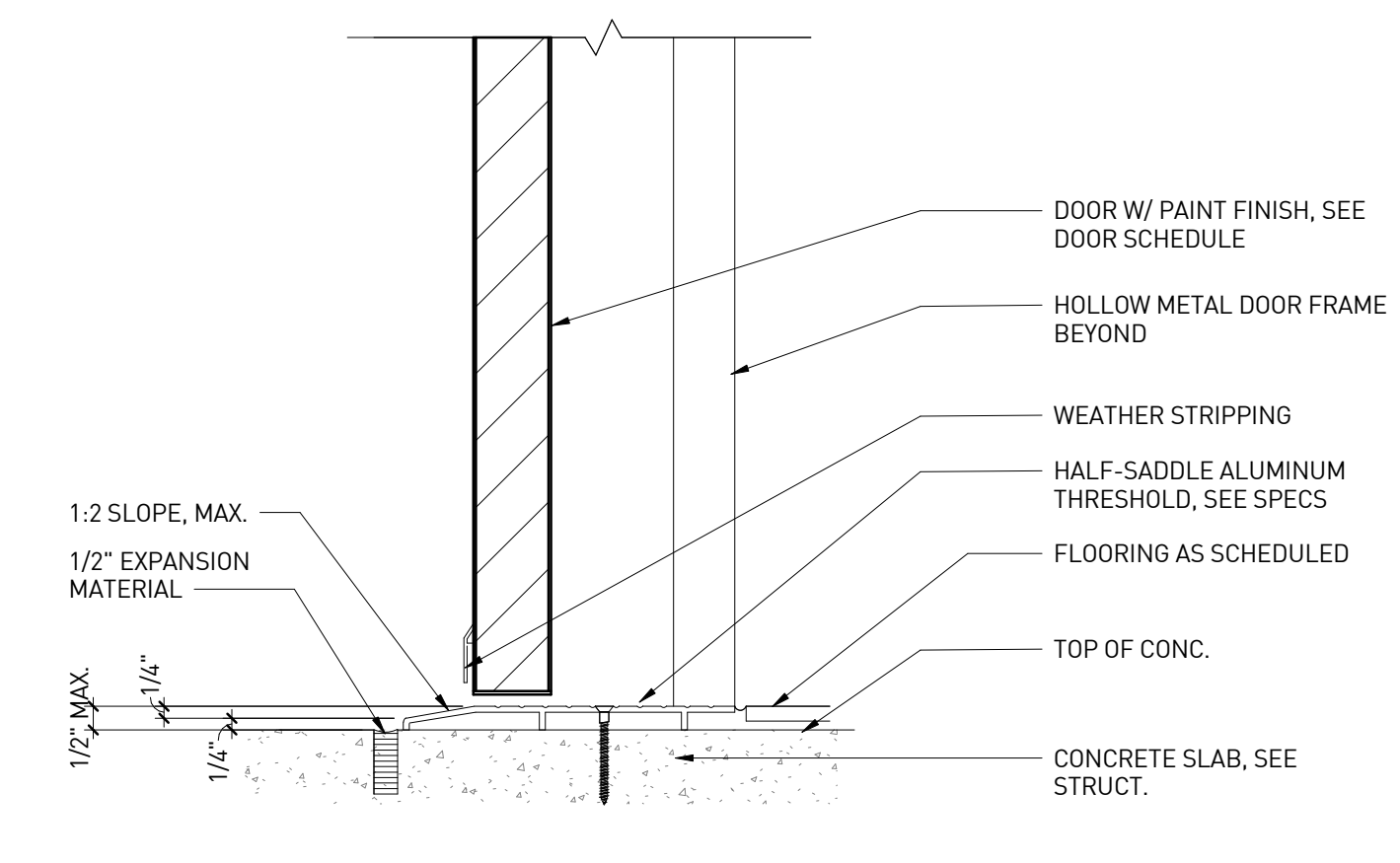
**INTERIOR DOOR THRESHOLD | 10**  
3" = 1'-0"



**INTERIOR DOOR JAMB (HEAD SIM.) | 7**  
3" = 1'-0"



**HEAD AT STOREFRONT (JAMB SIM.) | 4**  
3" = 1'-0"

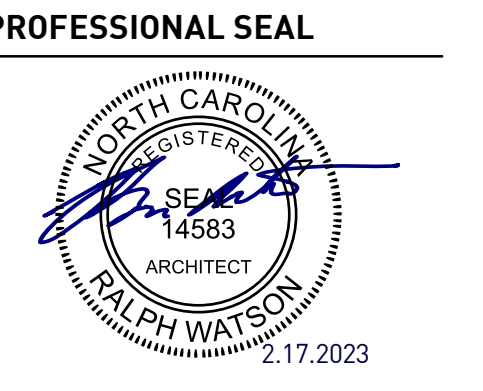


**THRESHOLD AT EXTERIOR DOOR | 1**  
3" = 1'-0"

**rdc.**

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**  
This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.



**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**  
RW  
**PROJECT MANAGER**  
RM  
**QUALITY CONTROL**  
JS  
**DRAWN BY**  
YN  
**PROJECT NAME**

**CIRCLE K STORES, INC.**  
**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

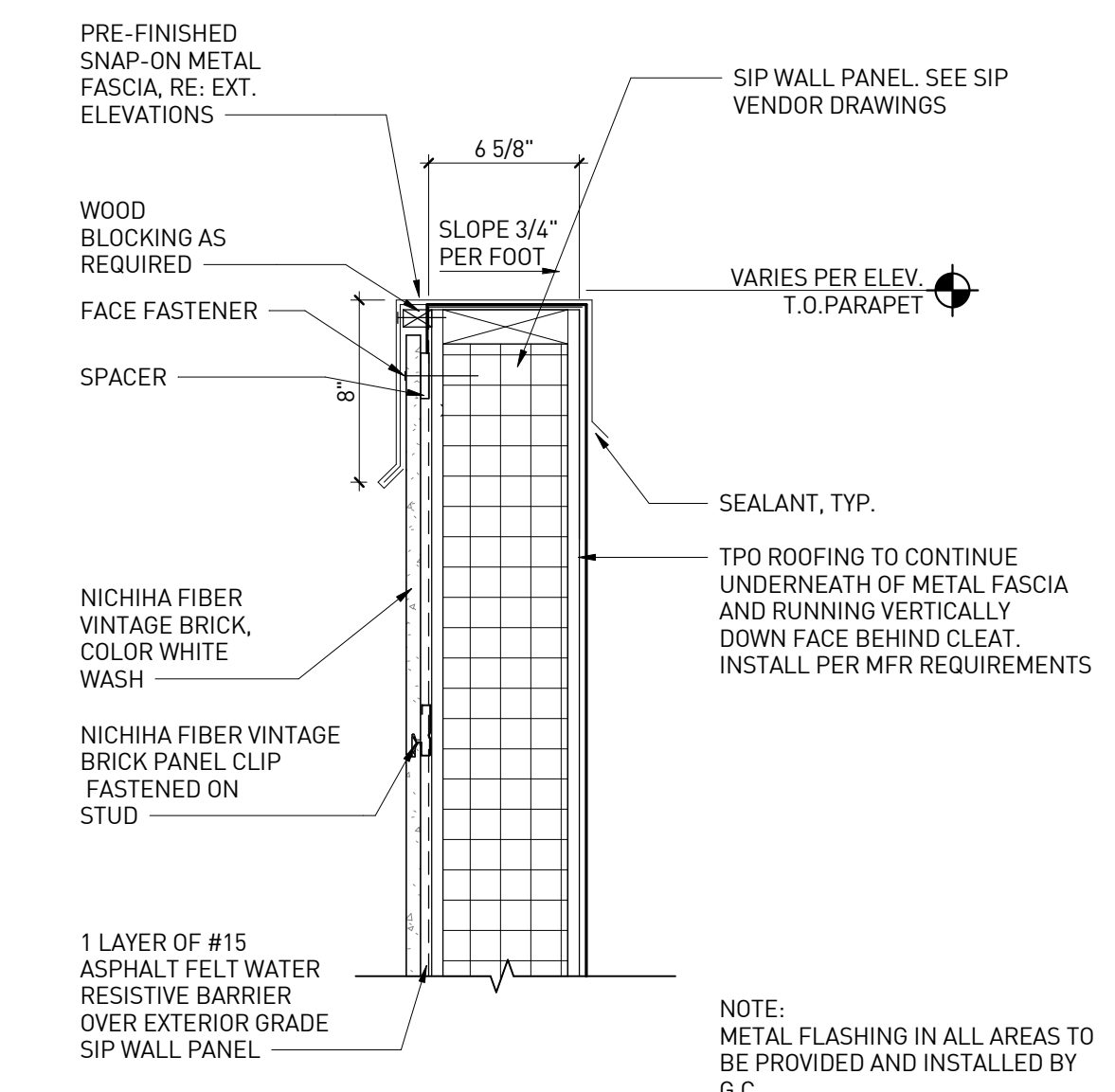
PROTOCOL # R1.1 11/21/22



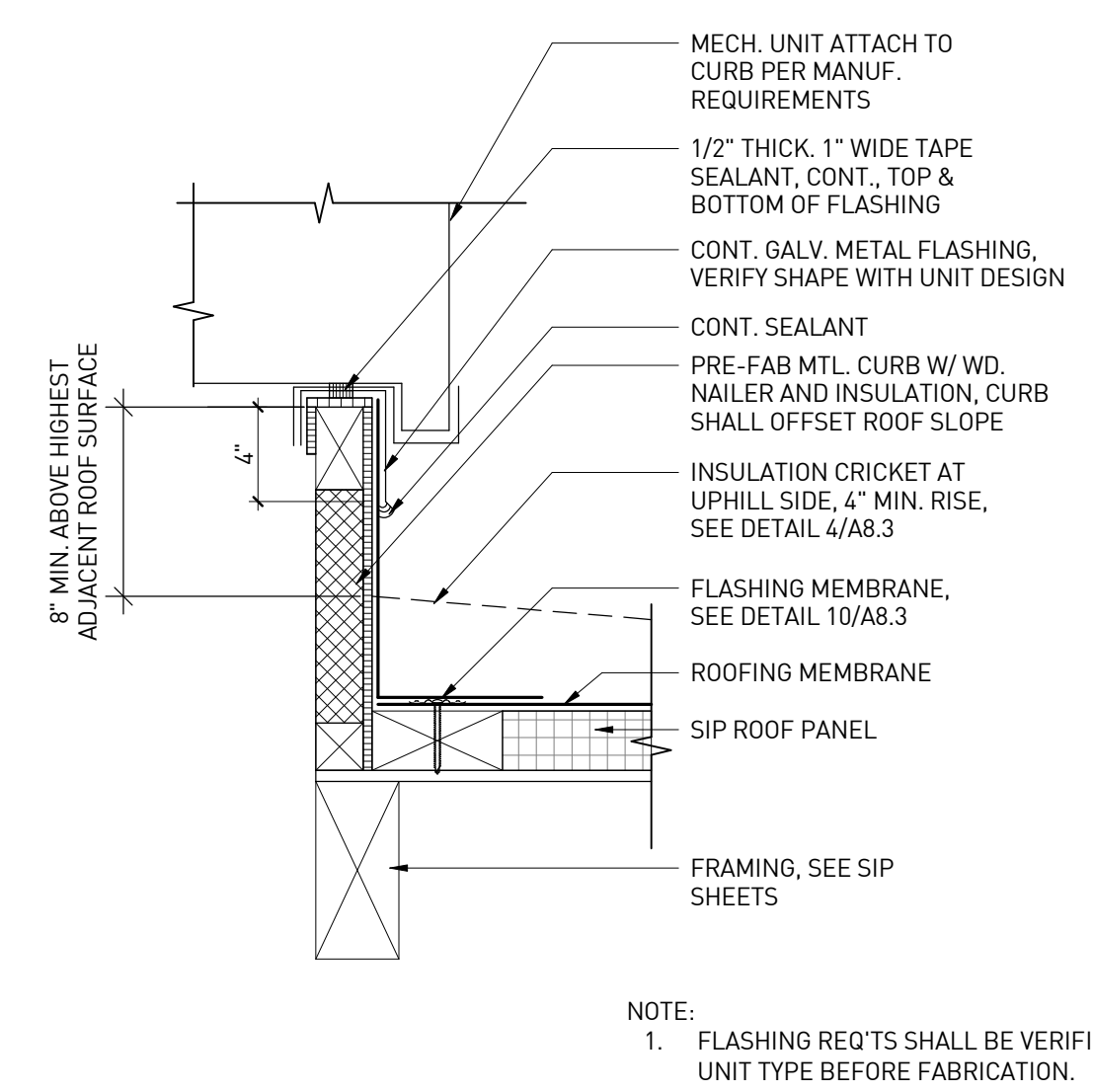
**CIRCLE K STORE INC.**  
**PROJECT NUMBER: 22130**

**ARCHITECTURAL DETAILS (EXTERIOR/INTERIOR)**

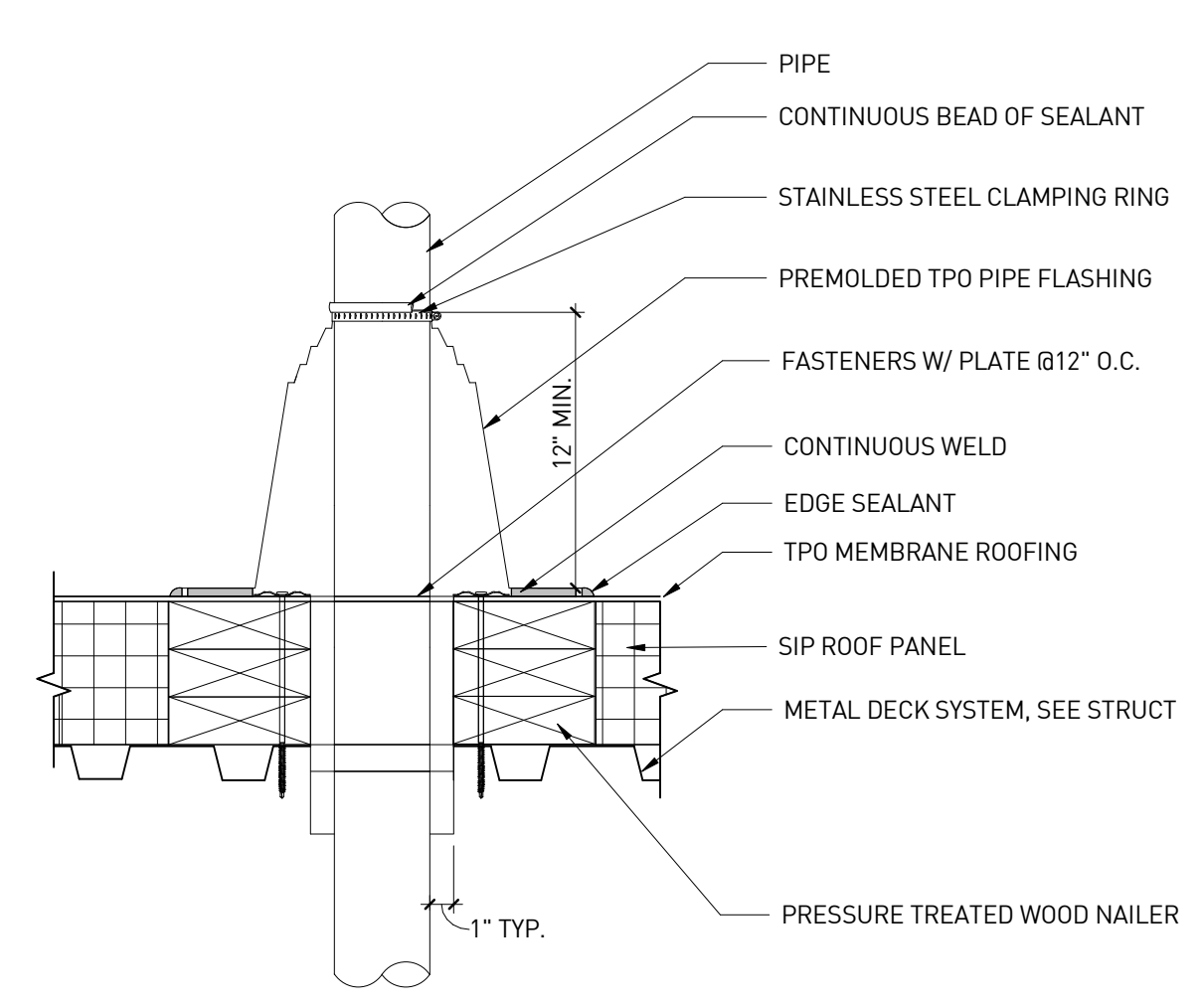
**A8.2**



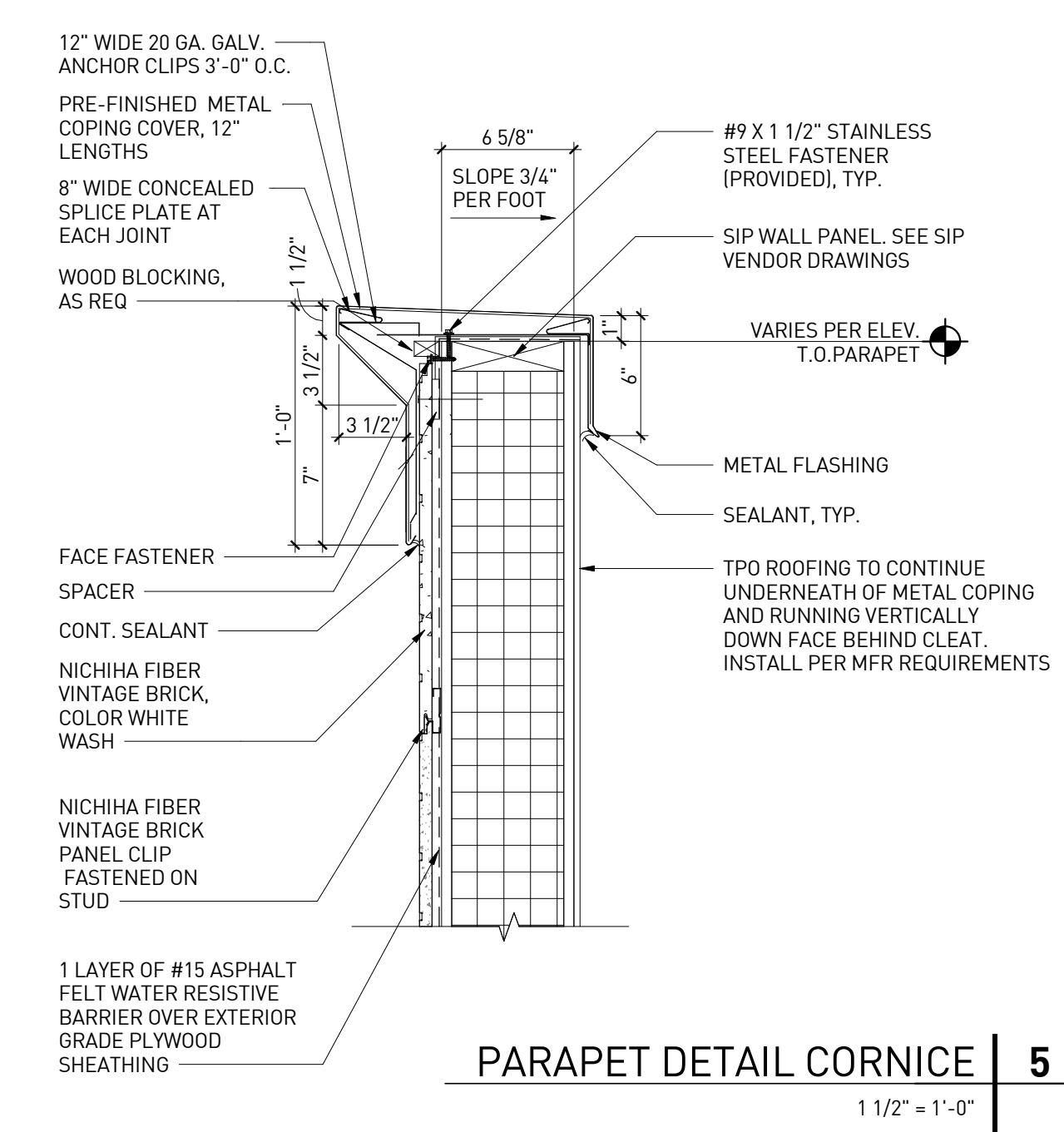
**PARAPET DETAIL 3**  
1 1/2" = 1'-0"



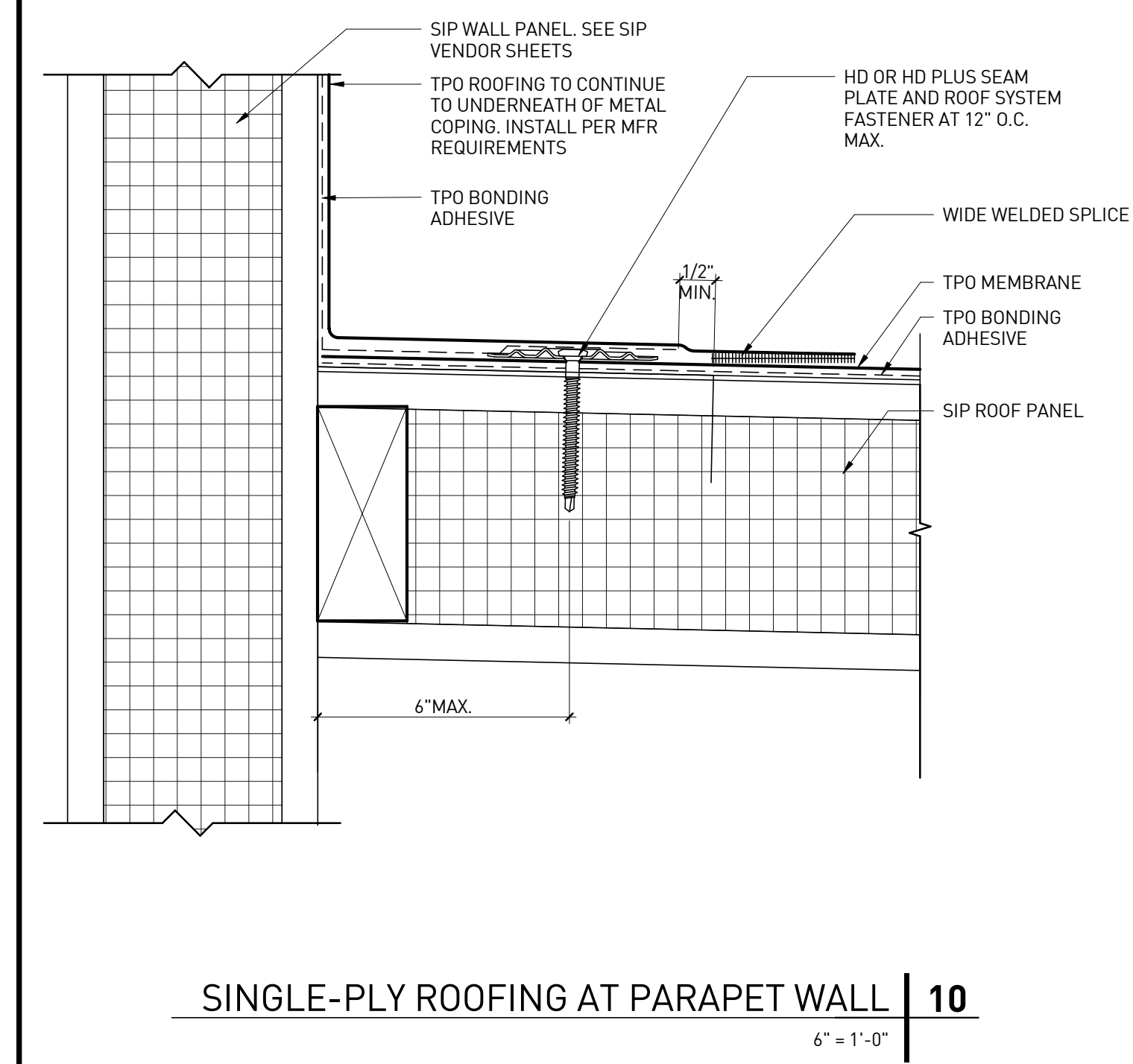
**ROOF CURB DETAIL 11**  
1 1/2" = 1'-0"



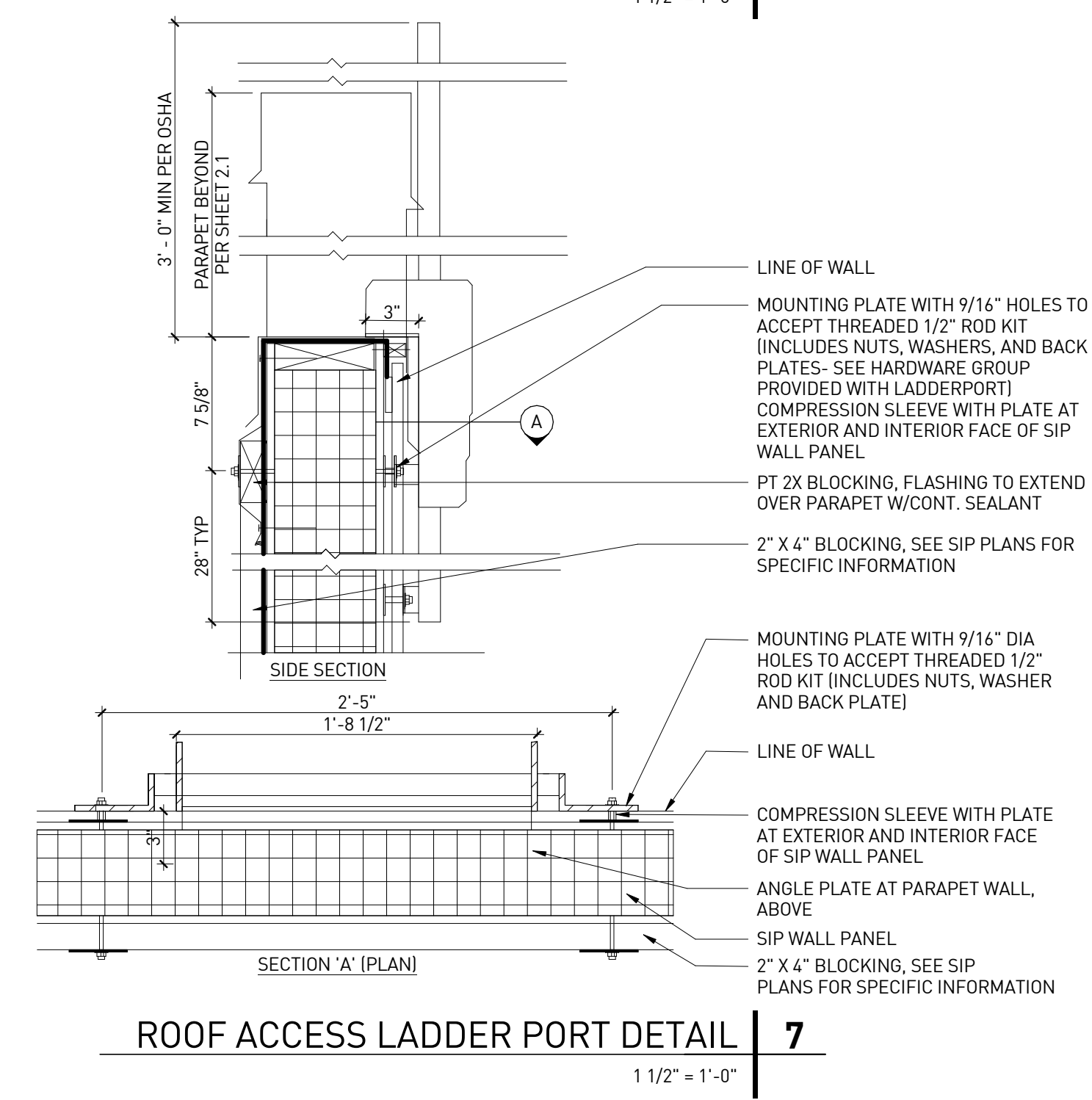
**SMALL PIPE PENETRATION 8**  
1 1/2" = 1'-0"



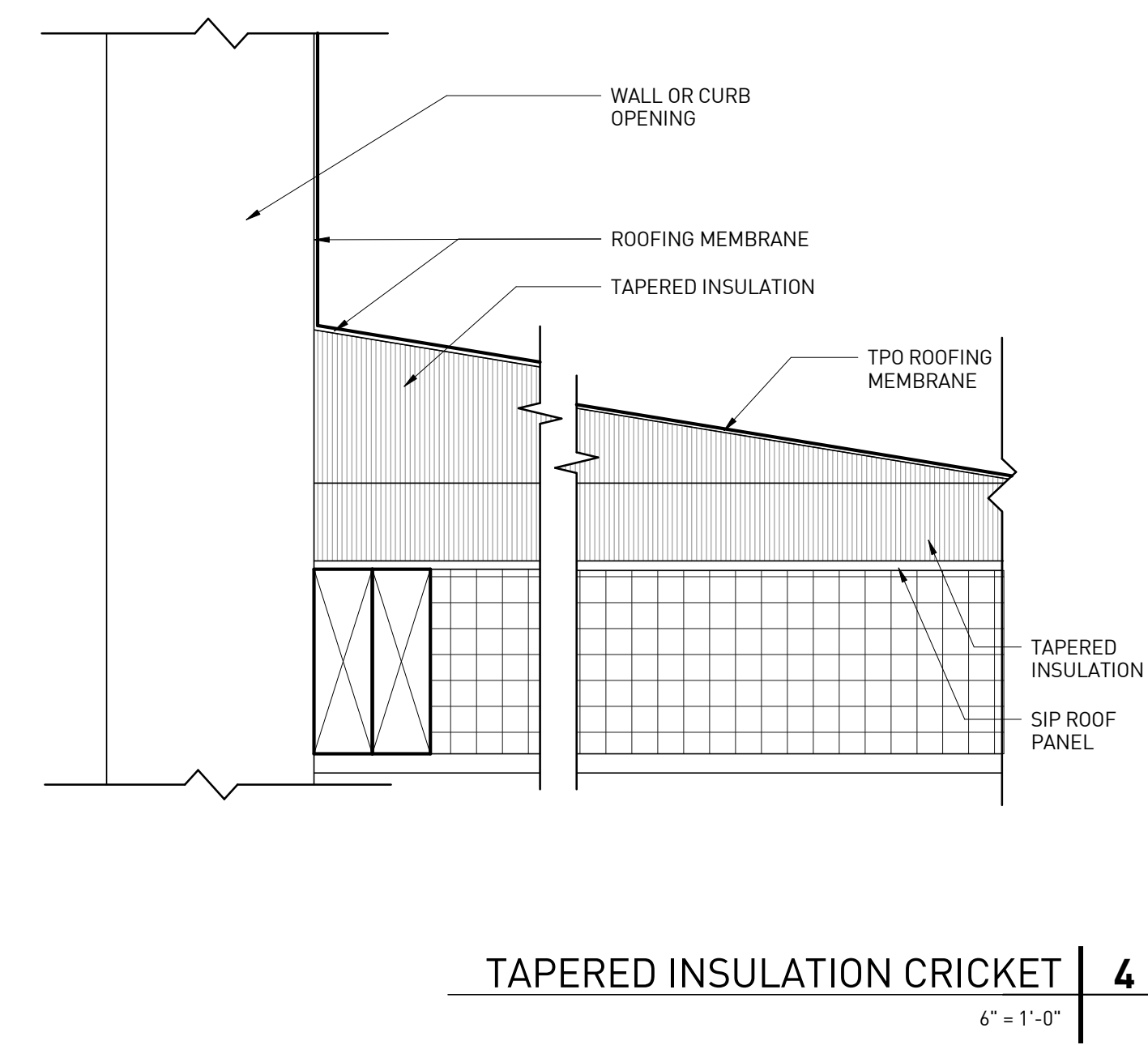
**PARAPET DETAIL CORNICE 5**  
1 1/2" = 1'-0"



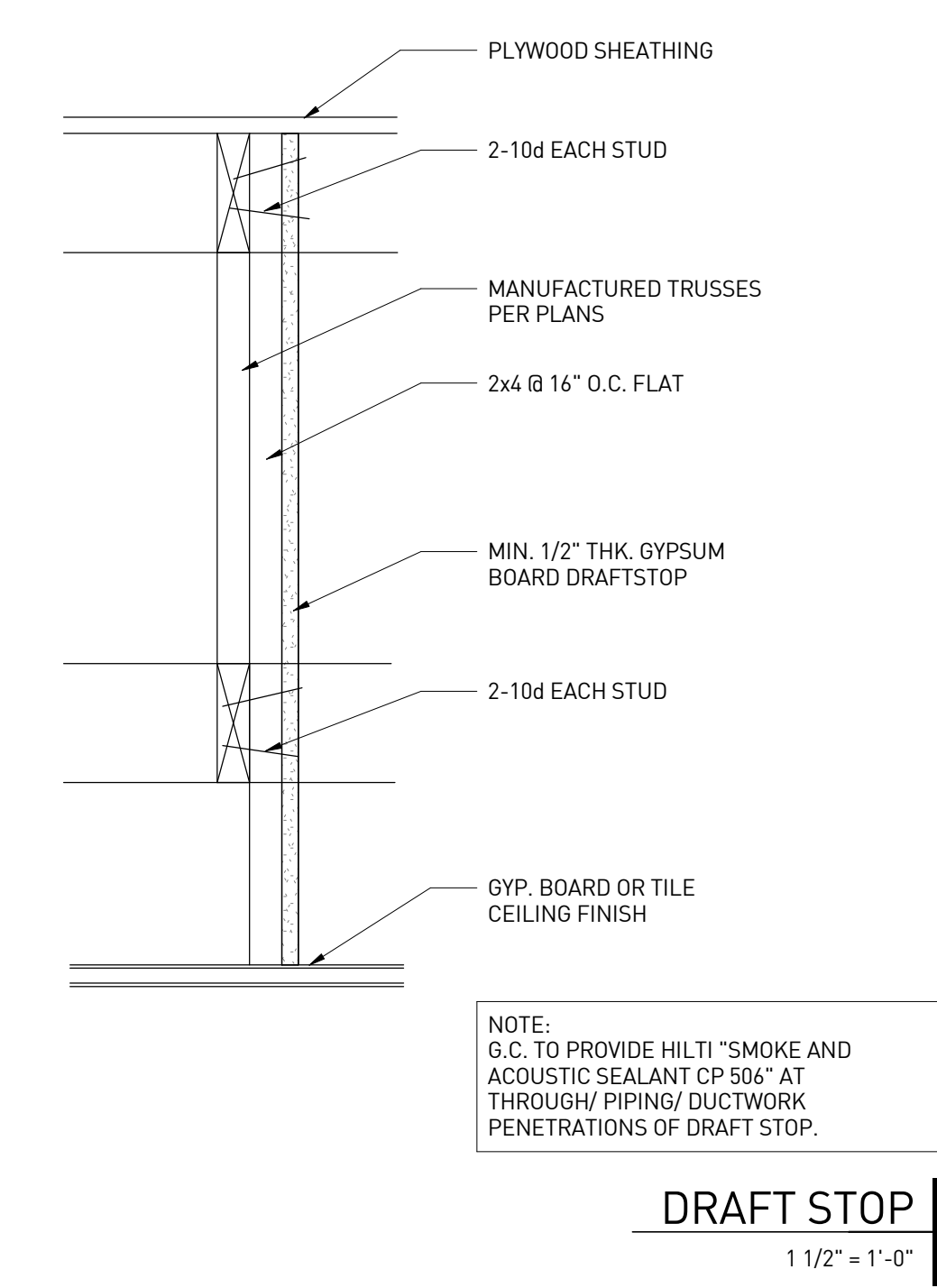
**SINGLE-PLY ROOFING AT PARAPET WALL 10**  
6" = 1'-0"



**ROOF ACCESS LADDER PORT DETAIL 7**  
1 1/2" = 1'-0"



**TAPERED INSULATION CRICKET 4**  
6" = 1'-0"



**DRAFT STOP 1**  
1 1/2" = 1'-0"

**rdc.**

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**  
This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**

**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**  
RW

**PROJECT MANAGER**  
RM

**QUALITY CONTROL**  
JS

**DRAWN BY**  
YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



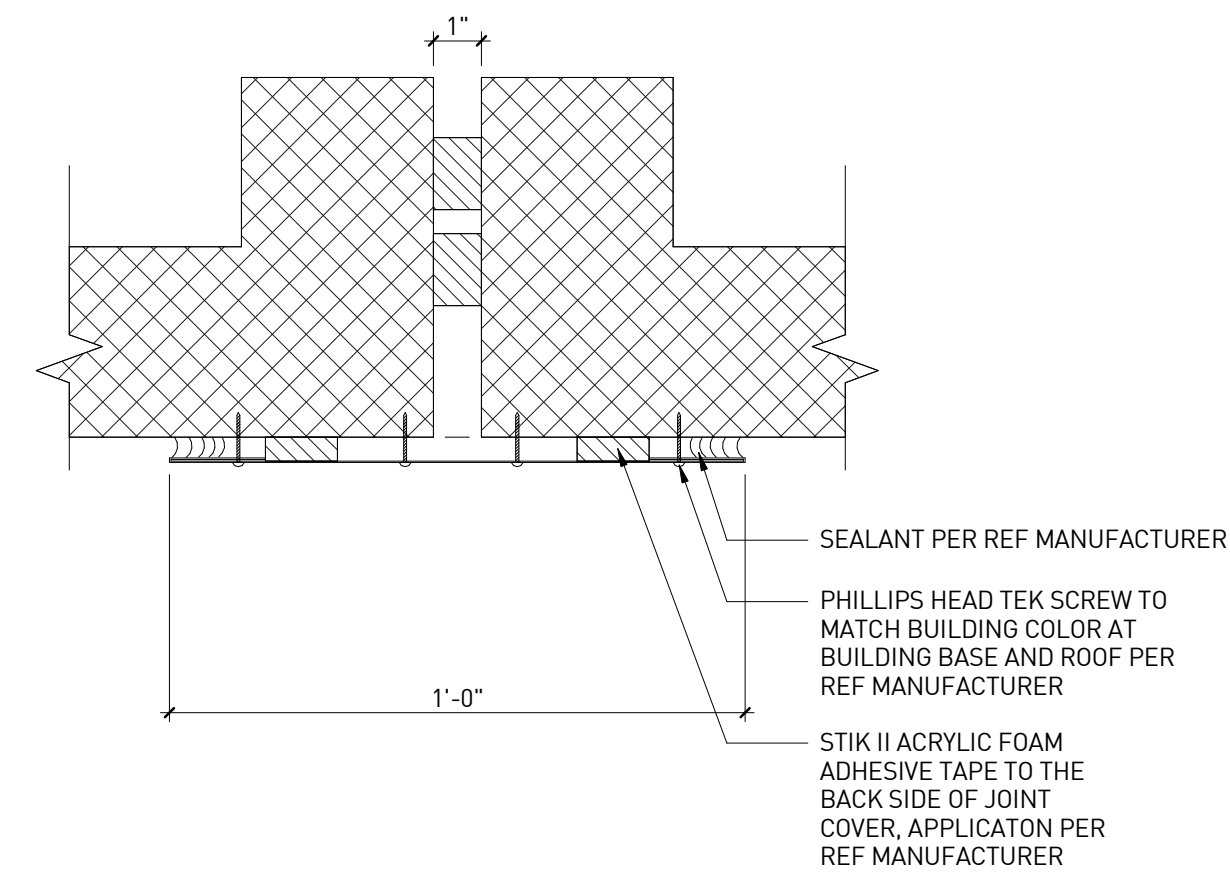
**CIRCLE K STORE INC.**  
**PROJECT NUMBER: 22130**

**EXTERIOR ARCHITECTURAL DETAILS**

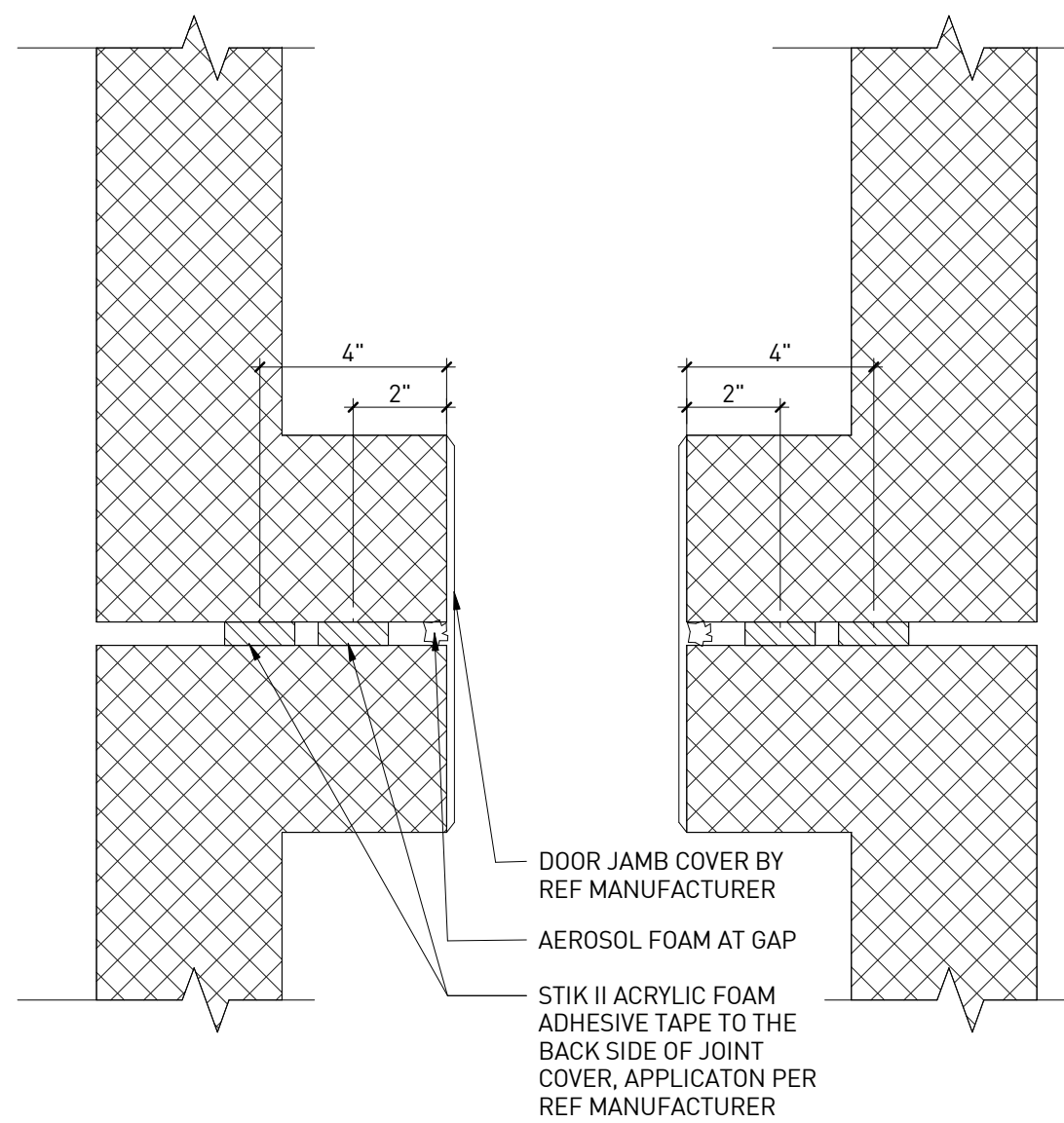
**A8.3**

# GENERAL NOTES

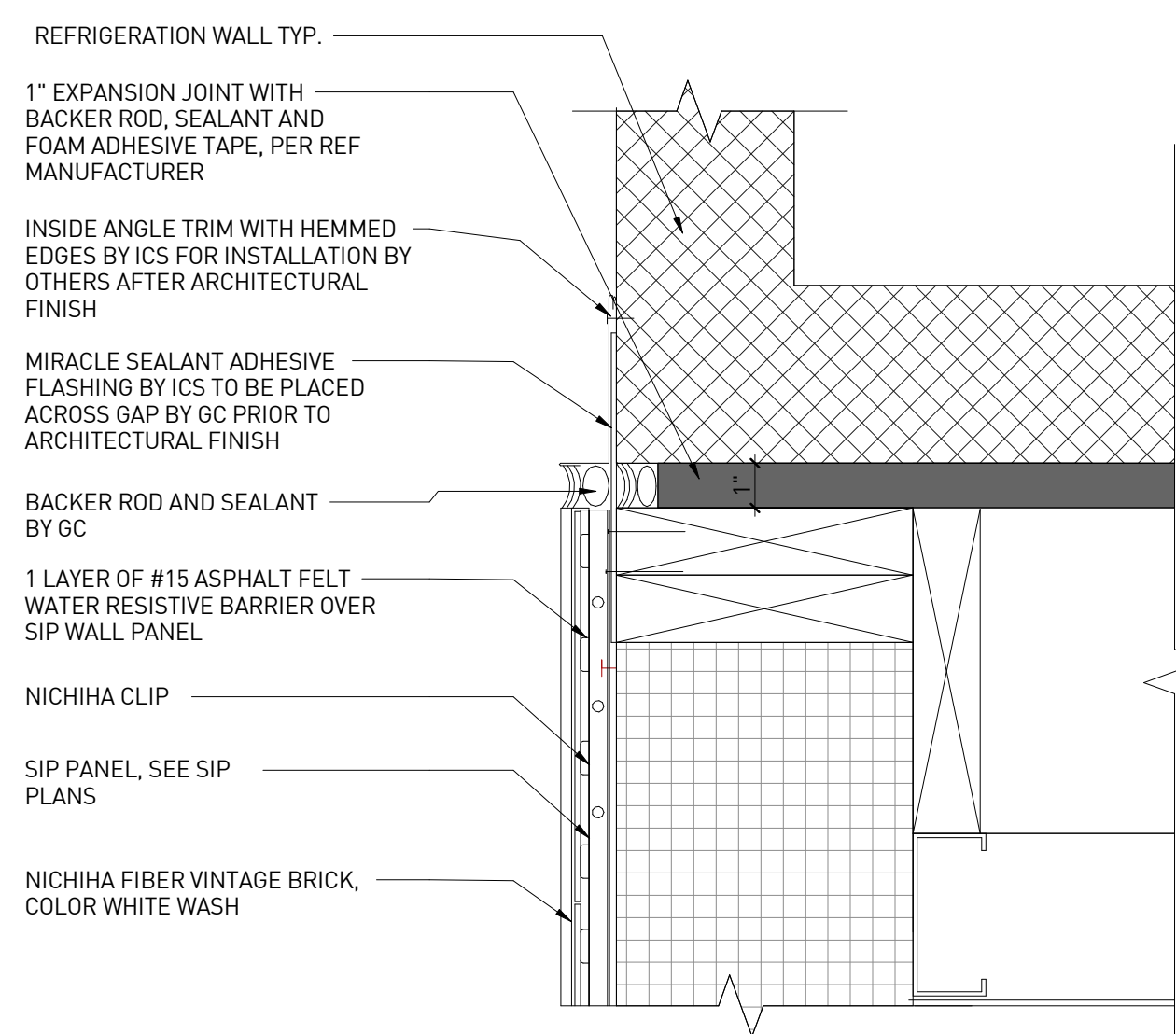
1. REFRIGERATION VENDOR TO PROVIDE ALL PRE-FABRICATED REFRIGERATED SPACES.
2. SEE REFRIGERATION MANUFACTURER'S SPECIFICATIONS FOR ALL INSULATION AND FABRICATION INFORMATION, JOINTS, HARDWARE, AND REQUIRED TOOLS AND MISCELLANEOUS METALS



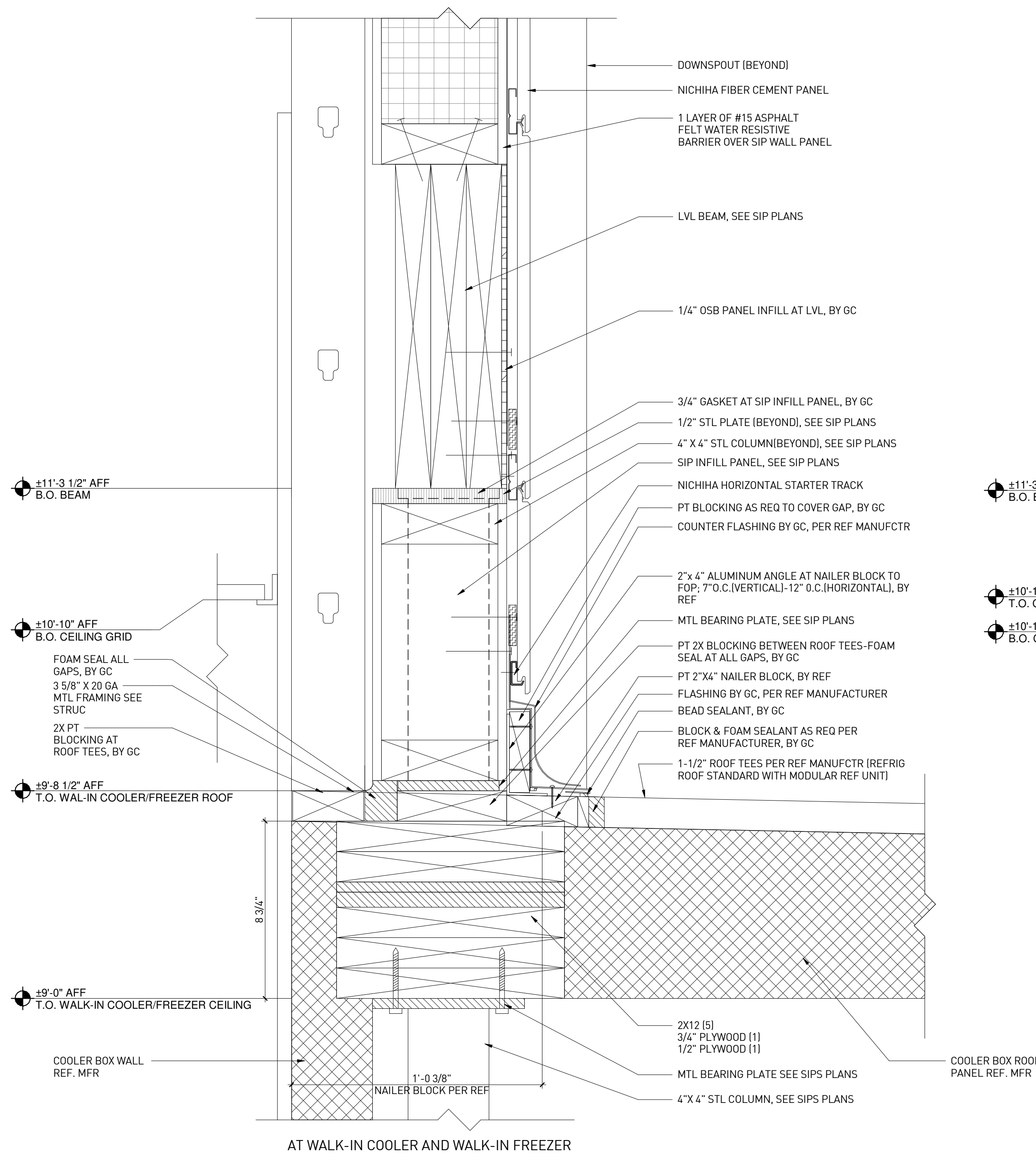
REFRIGERATION JOINT COVER AT FLUSH WALLS | 12  
3" = 1'-0"



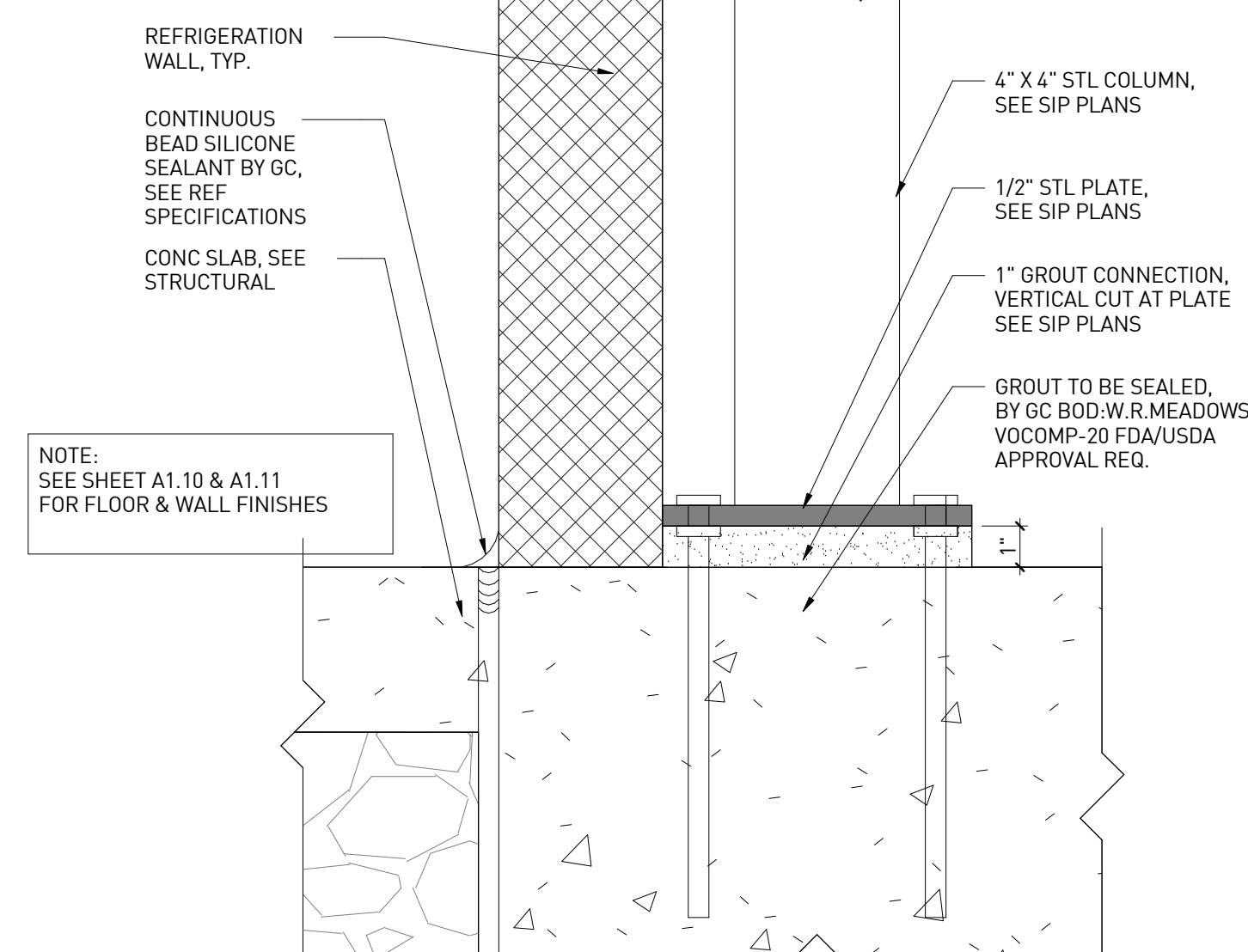
DETAIL AT REFRIGERATION DOOR OPENINGS | 11  
3" = 1'-0"



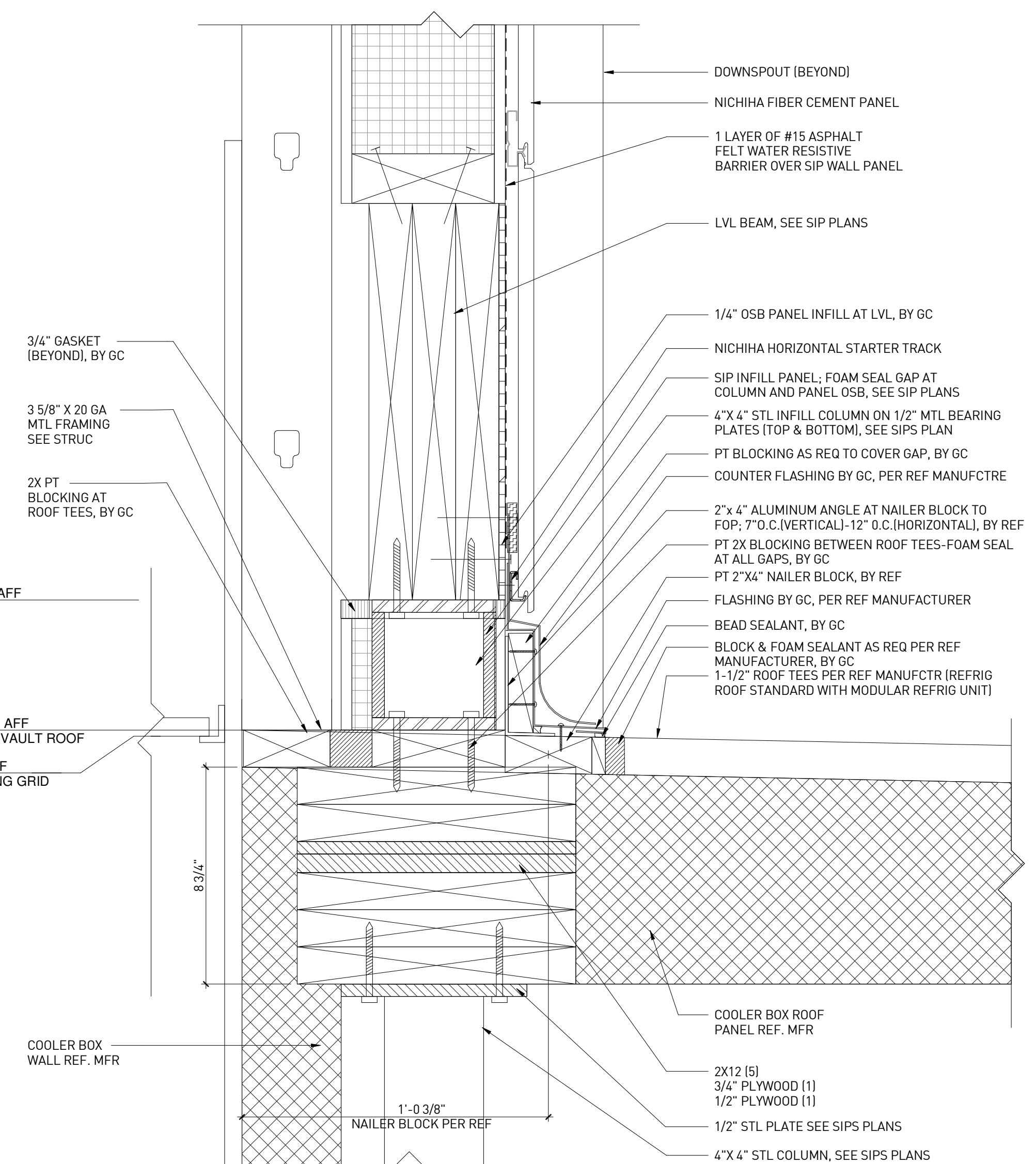
DETAIL AT REFRIGERATION PANEL & SIP WALL | 10  
3" = 1'-0"



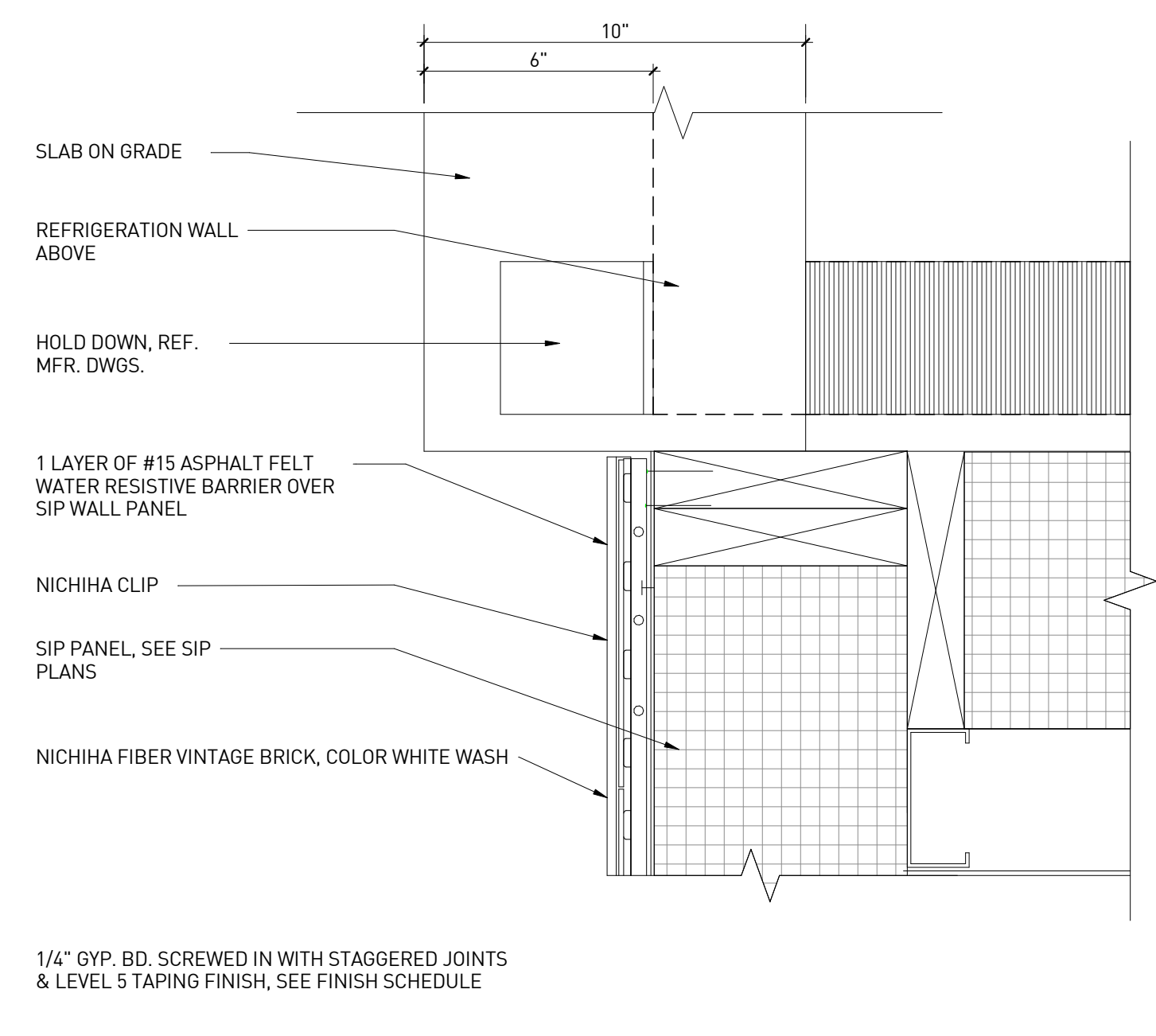
OPENING(S) AT REFRIGERATED UNITS | 5  
3" = 1'-0"



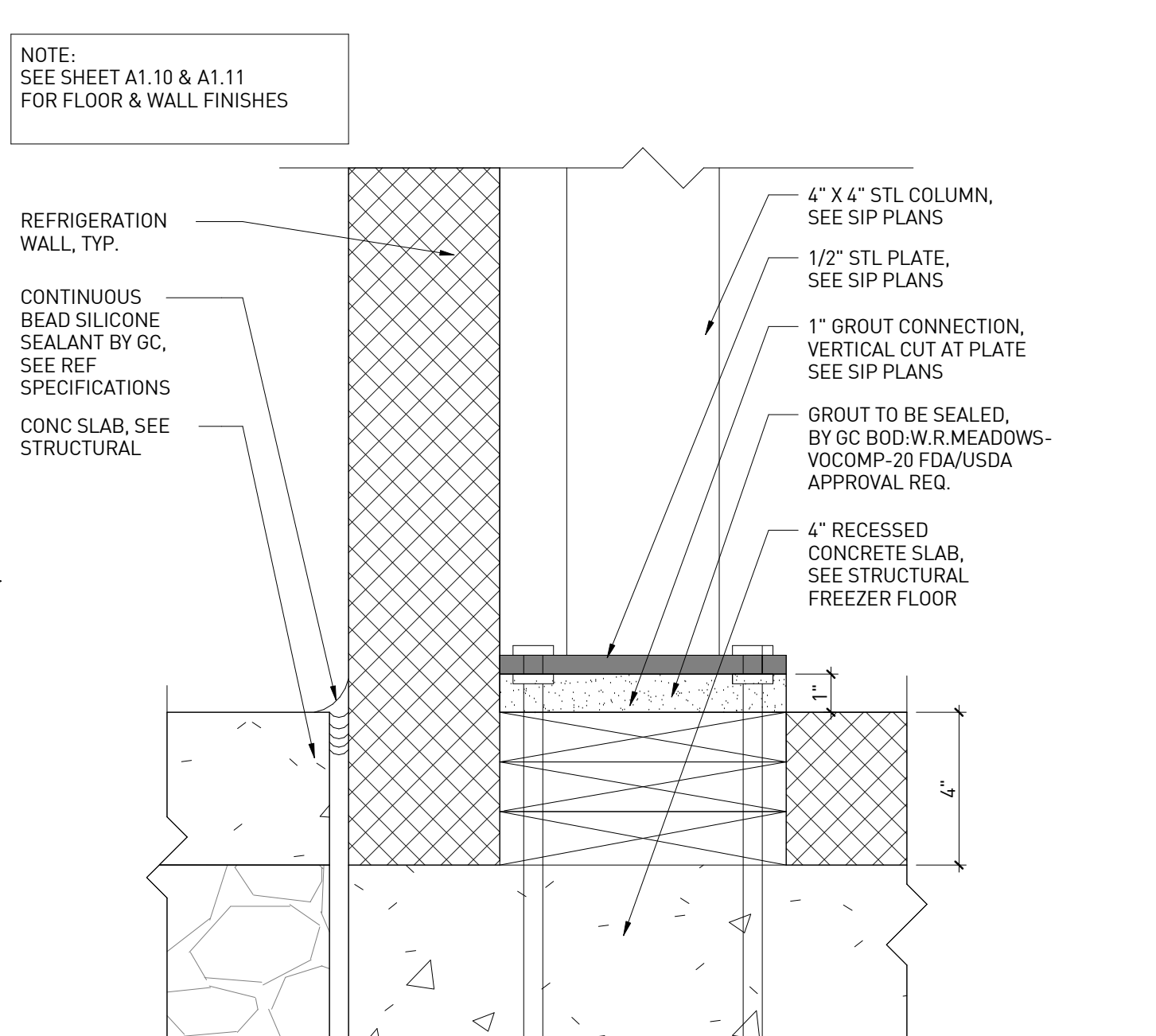
BASE DETAIL AT REFRIGERATION | 3  
3" = 1'-0"



AT COLD VAULT



SLAB ON GRADE/ REF PANEL/ SIP WALL DETAIL | 2  
3" = 1'-0"



BASE DETAIL AT REFRIGERATION | 1  
3" = 1'-0"

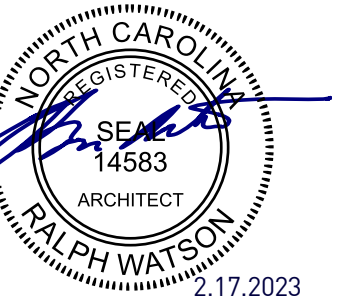


11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTP	02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

### PROJECT NAME

## CIRCLE K STORES, INC.

### ANGIER, NC

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



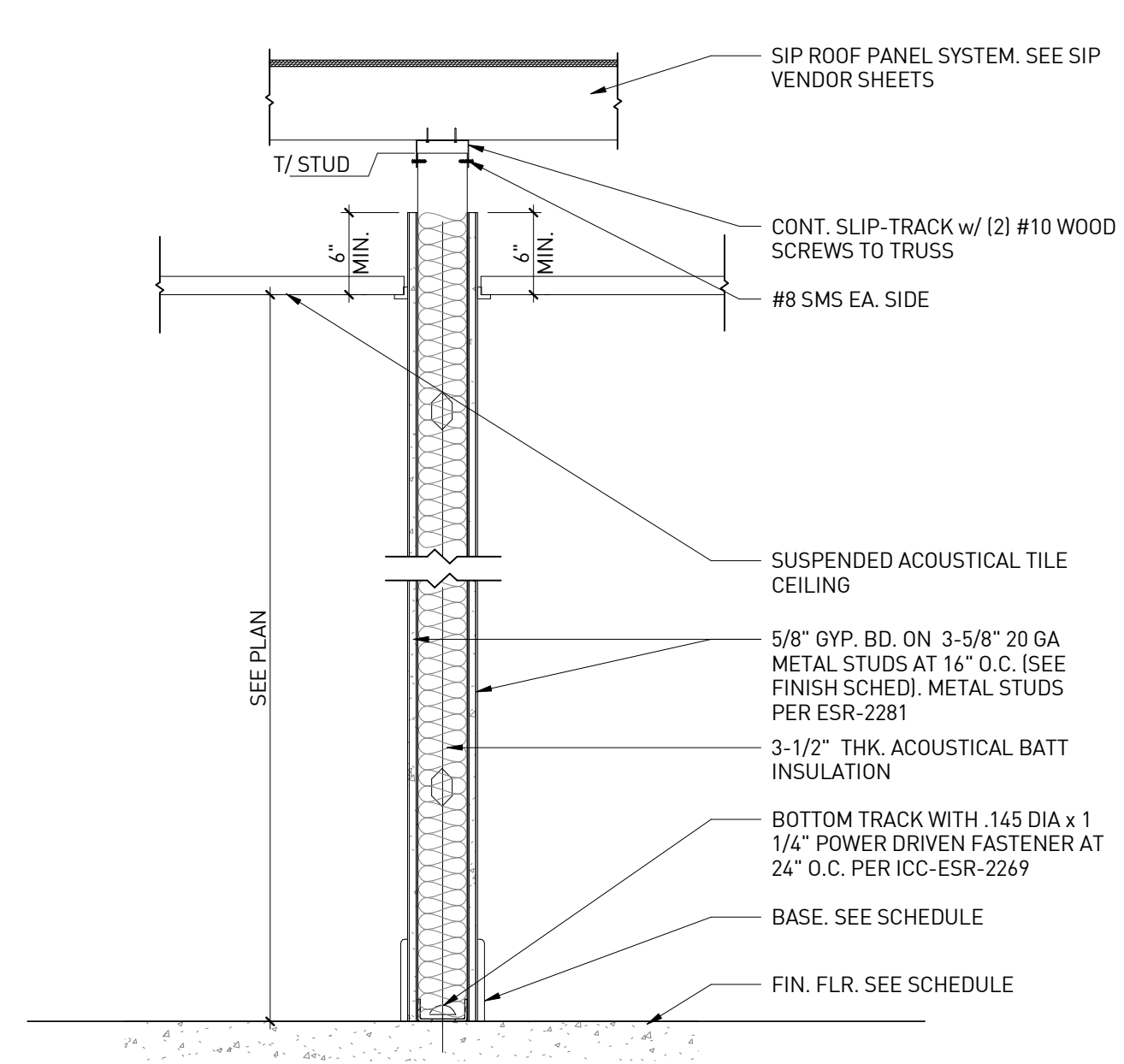
CIRCLE K STORE INC.

PROJECT NUMBER: 22130

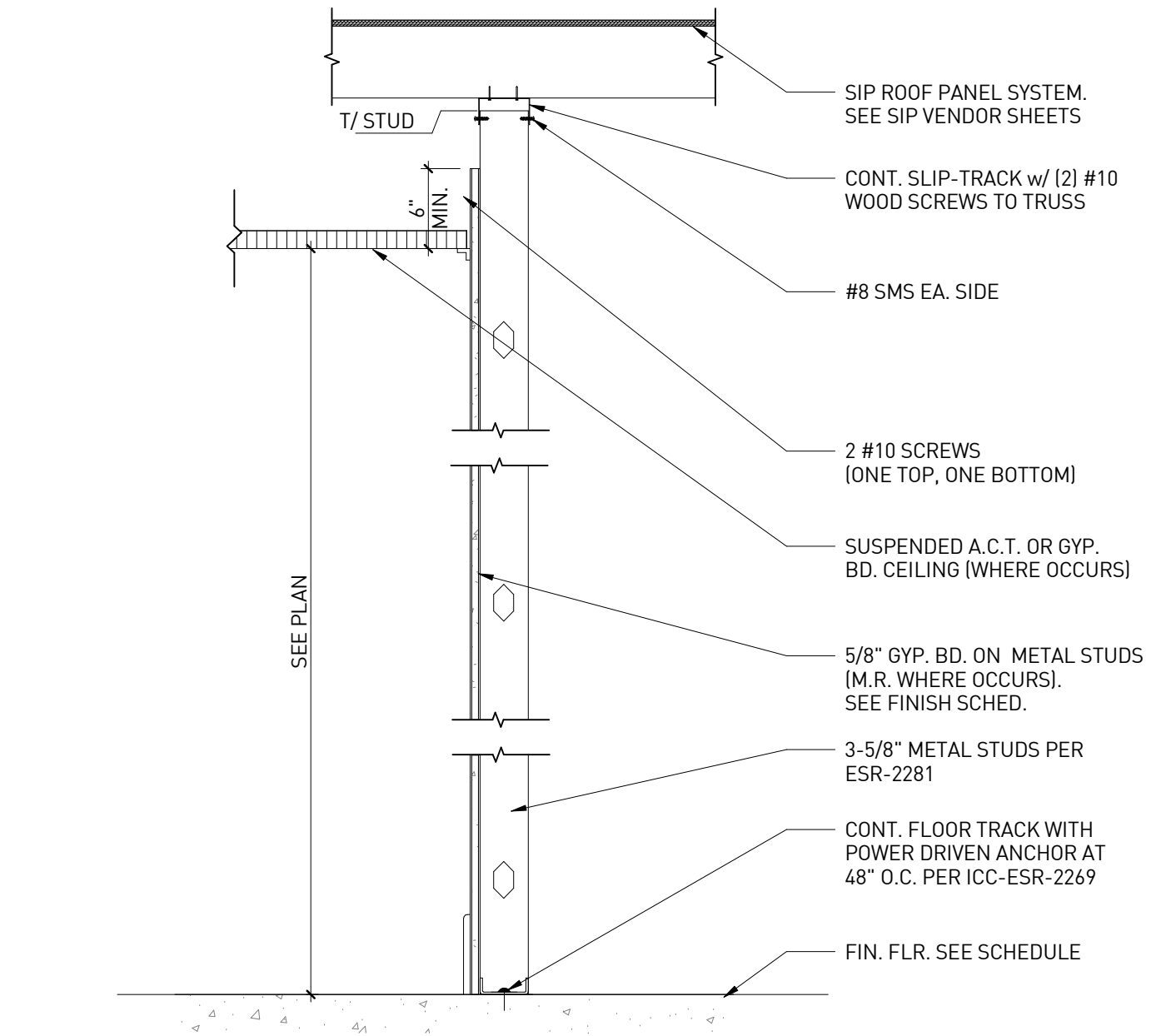
### EXTERIOR ARCHITECTURAL DETAILS

A8.4



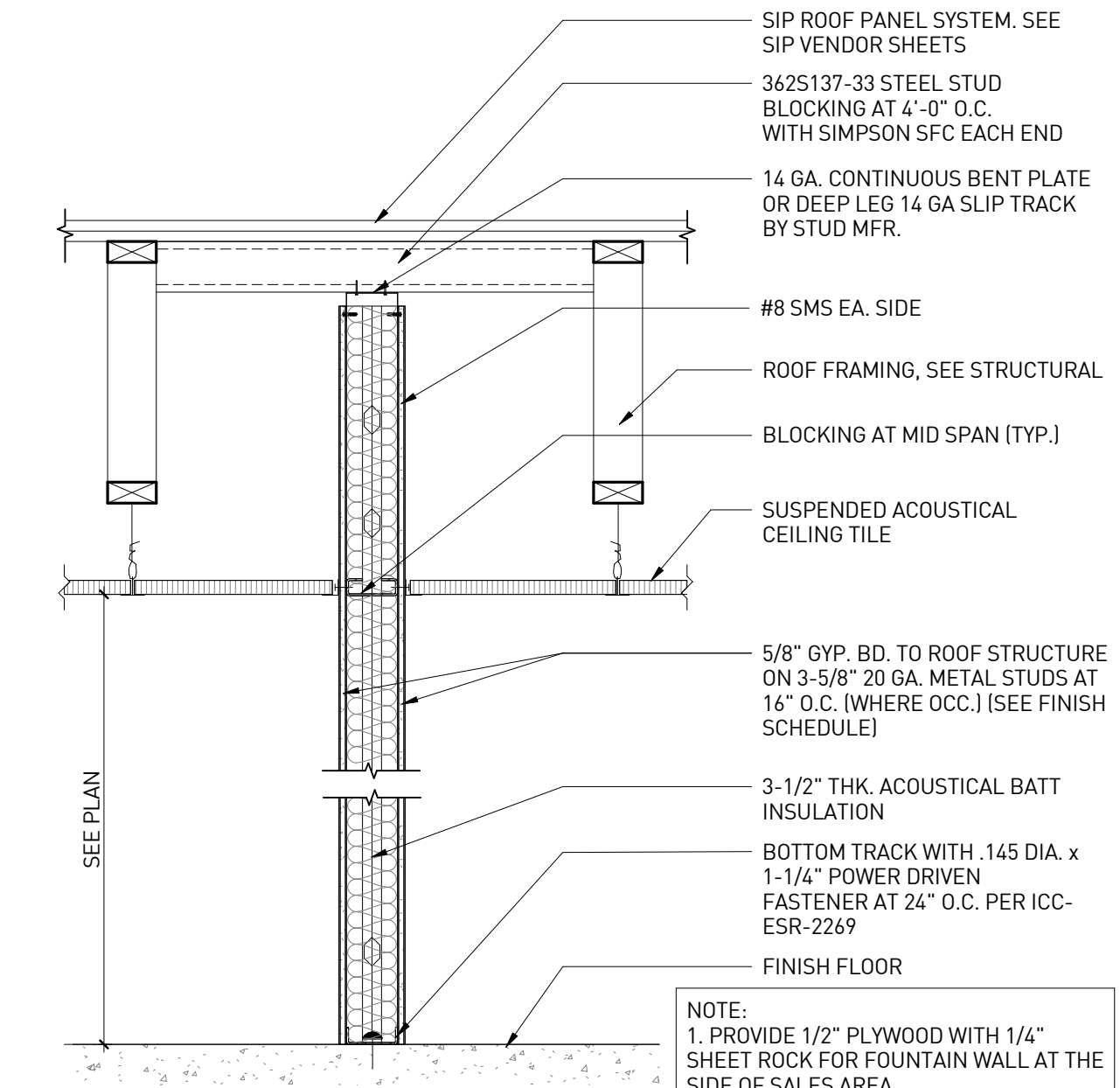


SECTION AT WALL - TYPE D | 12  
1" = 1'-0"

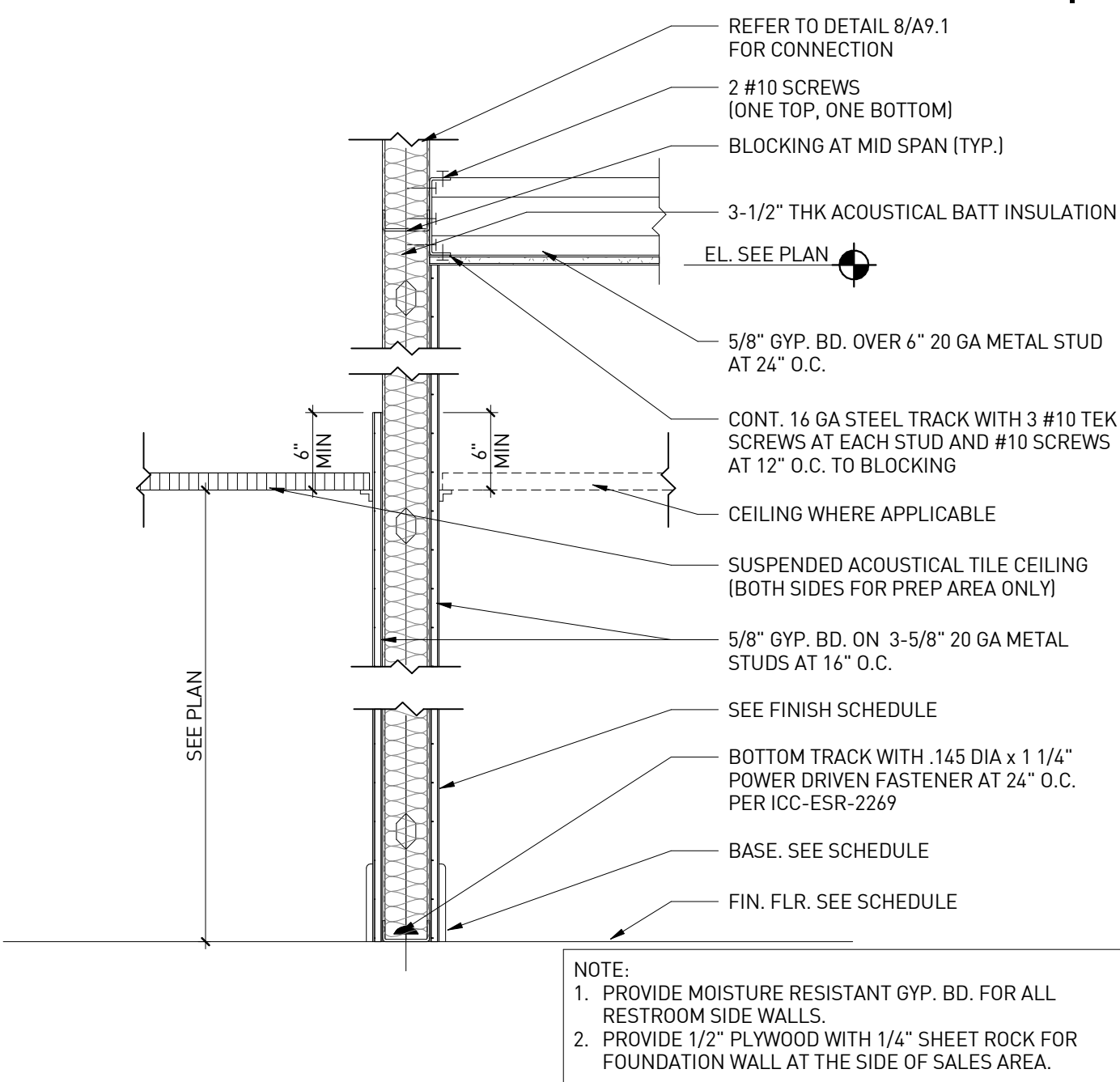


SECTION AT WALL - TYPE C | 9  
1" = 1'-0"

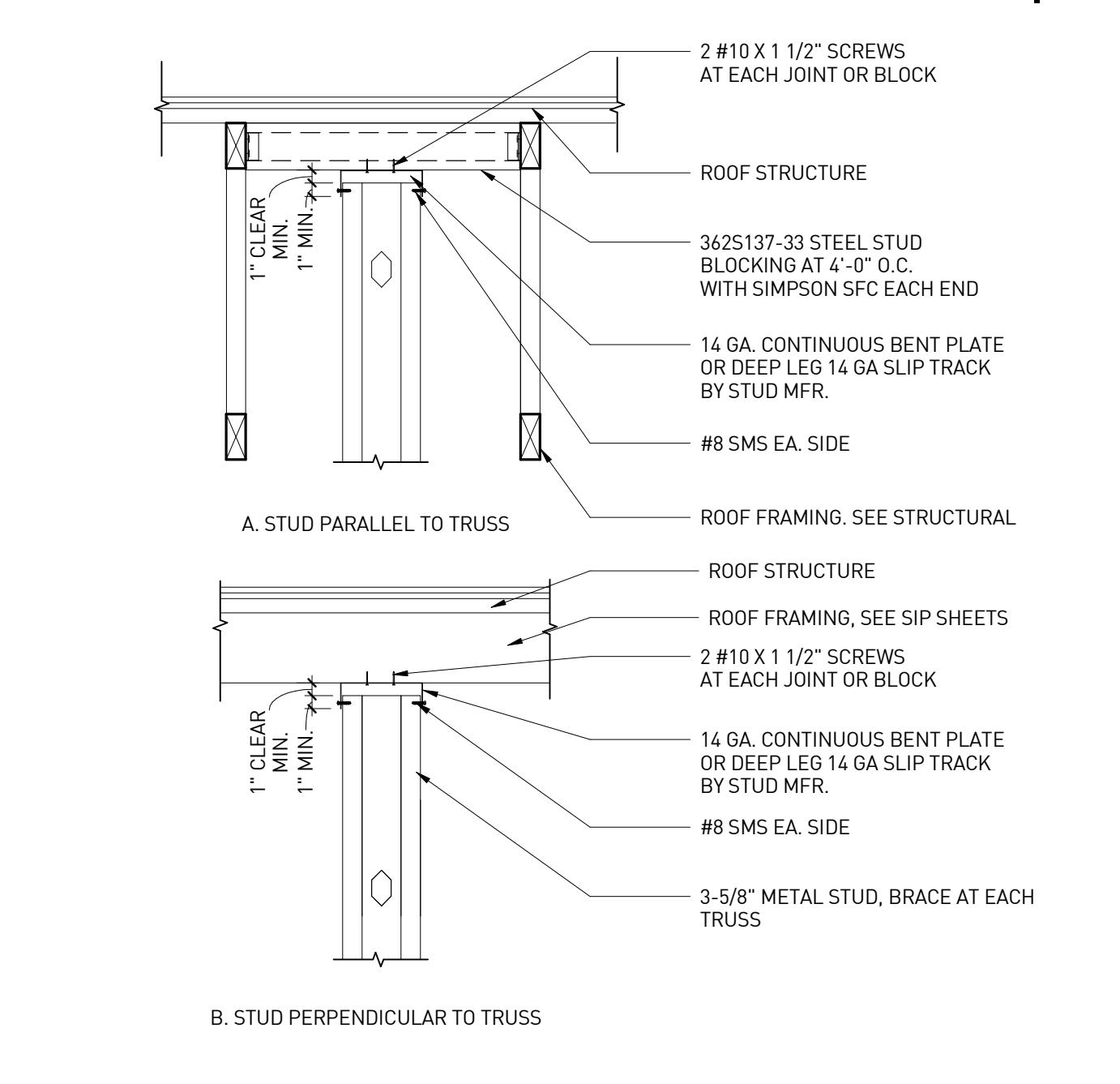
NOT USED | 6  
1" = 1'-0"



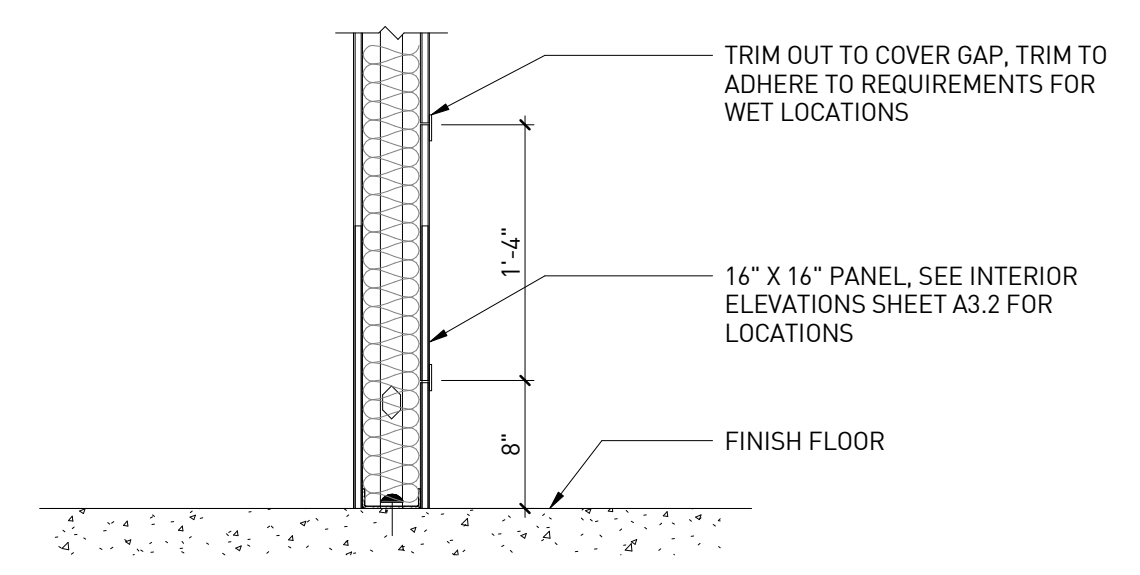
SECTION AT WALL - TYPE A | 3  
1" = 1'-0"



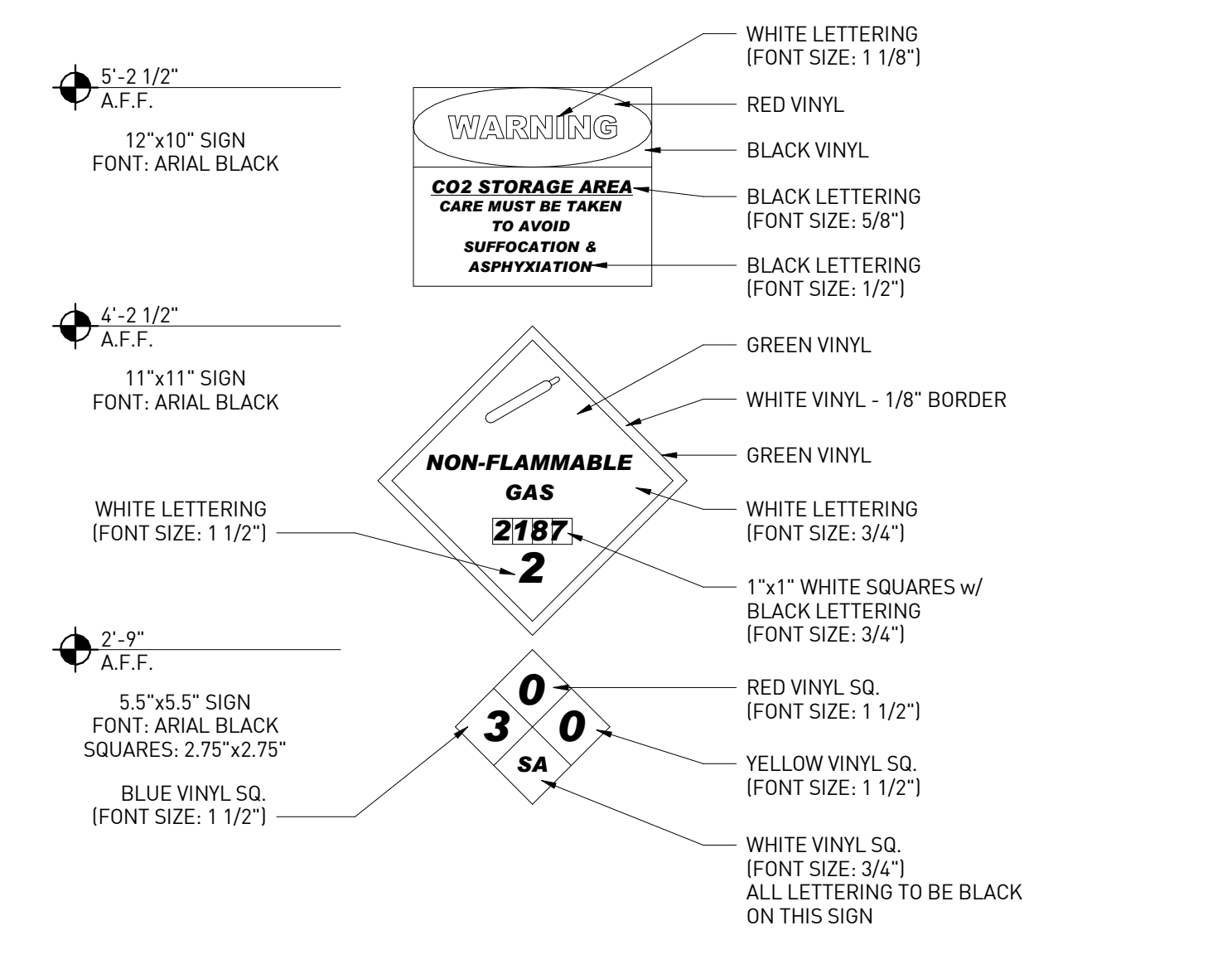
SECTION AT WALL - TYPE E | 11  
1" = 1'-0"



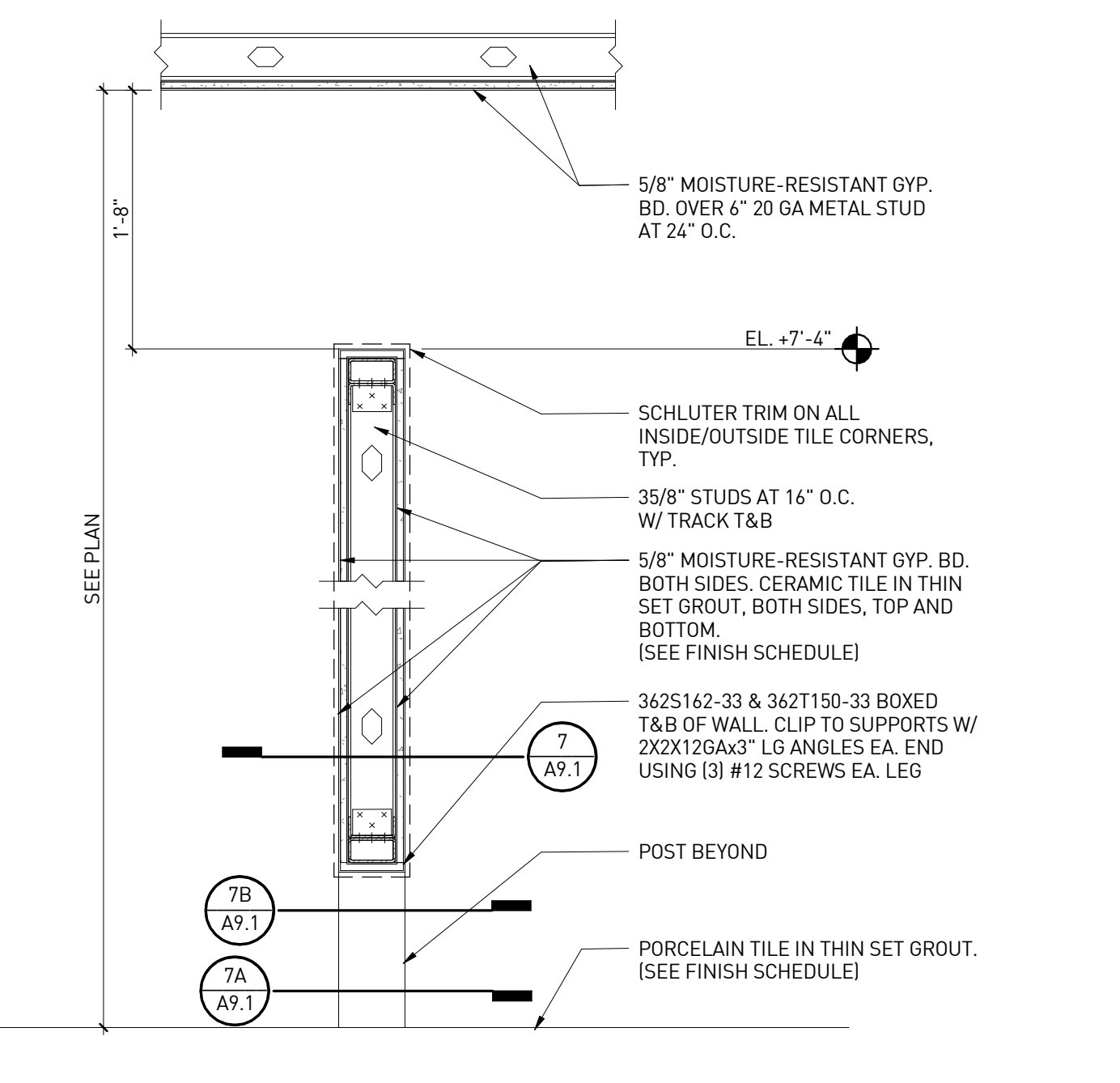
TYPICAL STUDS CONNECTION DETAIL | 8  
1" = 1'-0"



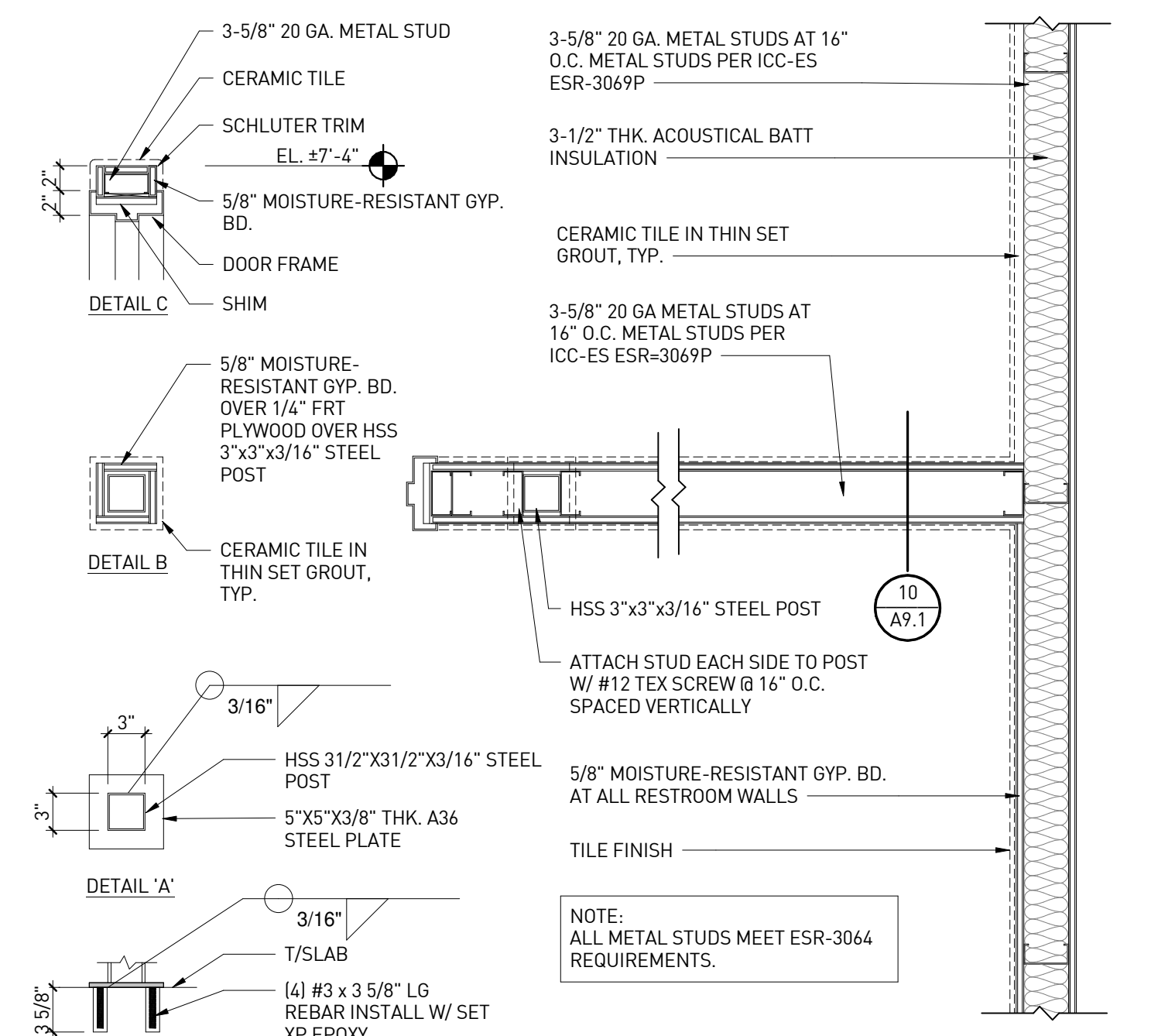
SECTION AT ACCESS PANEL | 5  
1" = 1'-0"



CO2 SIGN DETAILS | 2  
1 1/2" = 1'-0"

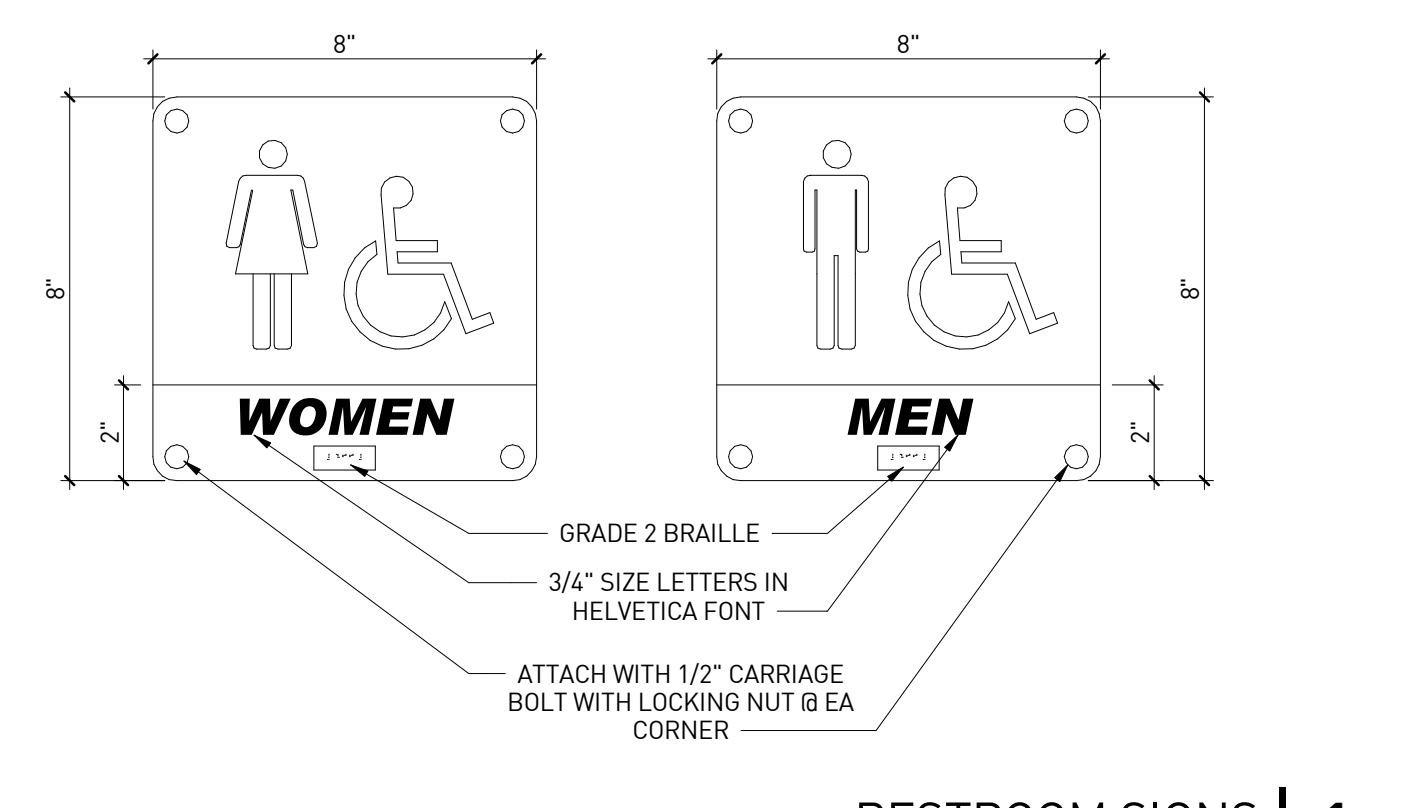


SECTION AT WALL - TYPE F | 10  
1" = 1'-0"



RESTROOM PARTITION WALL (PLAN VIEW) | 7  
1" = 1'-0"

NOT USED | 4  
1" = 1'-0"

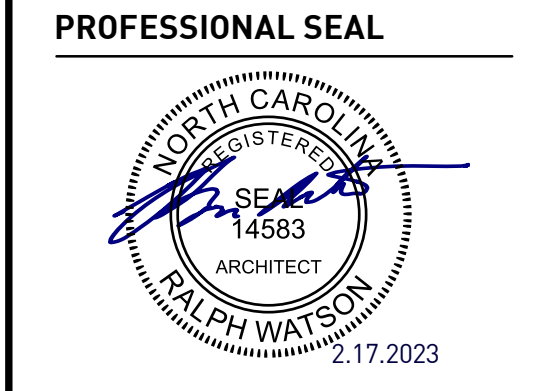


RESTROOM SIGNS | 1  
3" = 1'-0"



11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**  
This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.



**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**  
RW  
**PROJECT MANAGER**  
RM  
**QUALITY CONTROL**  
JS  
**DRAWN BY**  
YN  
**PROJECT NAME**

**CIRCLE K STORES, INC.**  
**ANGIER, NC**  
9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



**CIRCLE K STORE INC.**  
**PROJECT NUMBER: 22130**

**INTERIOR ARCHITECTURAL DETAILS**

A9.1

**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**

RW

**PROJECT MANAGER**

RM

**QUALITY CONTROL**

JS

**DRAWN BY**

YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

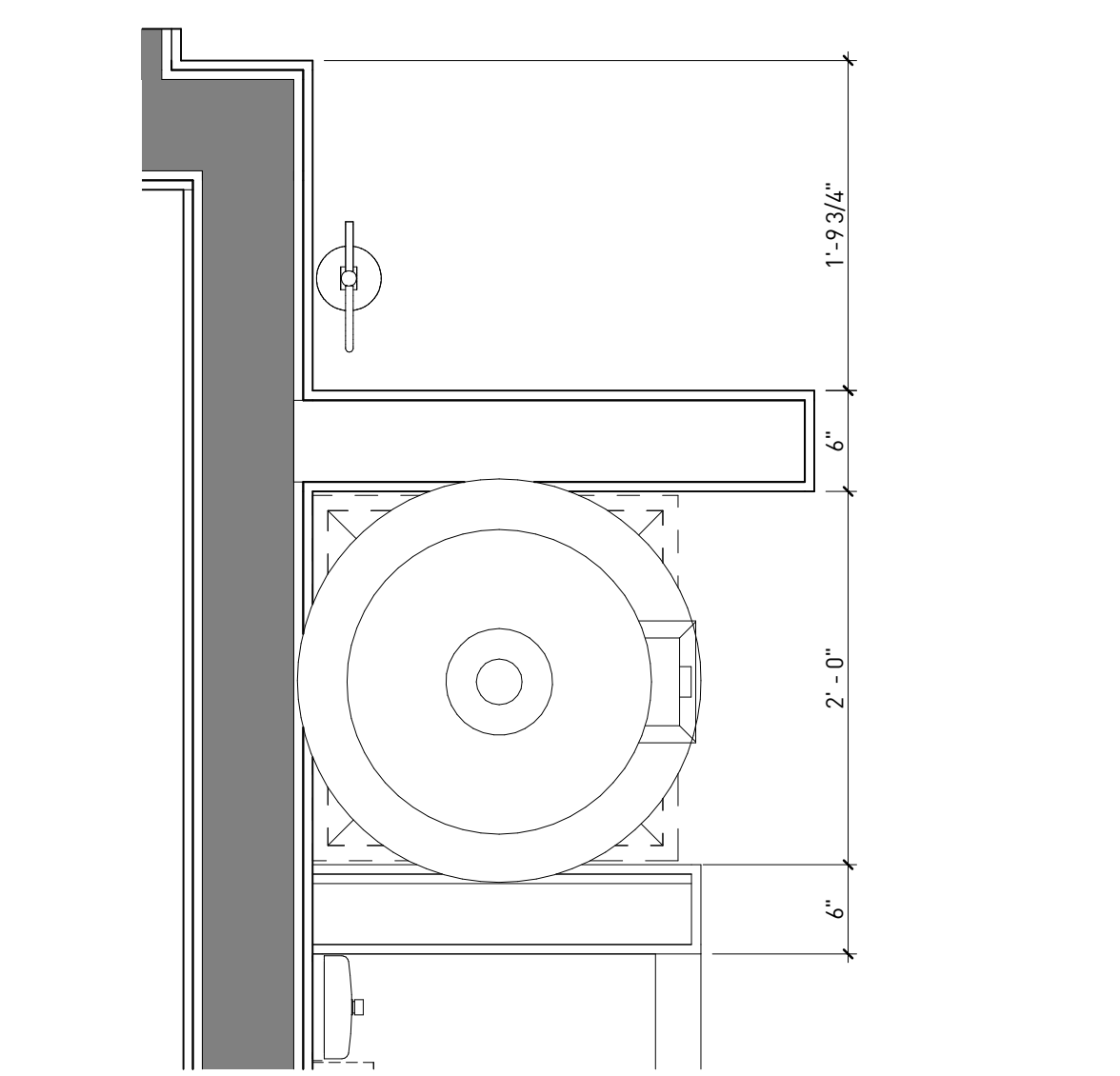


CIRCLE K STORE INC.

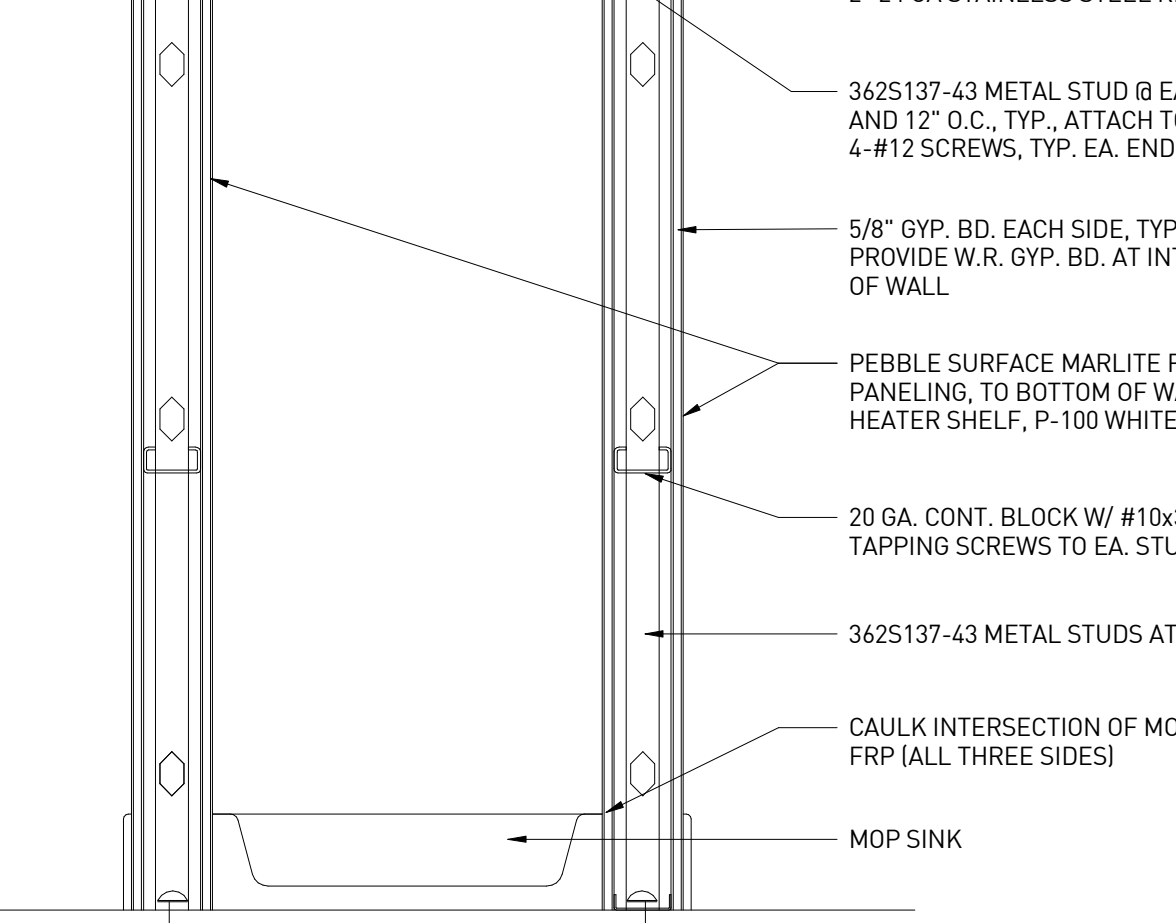
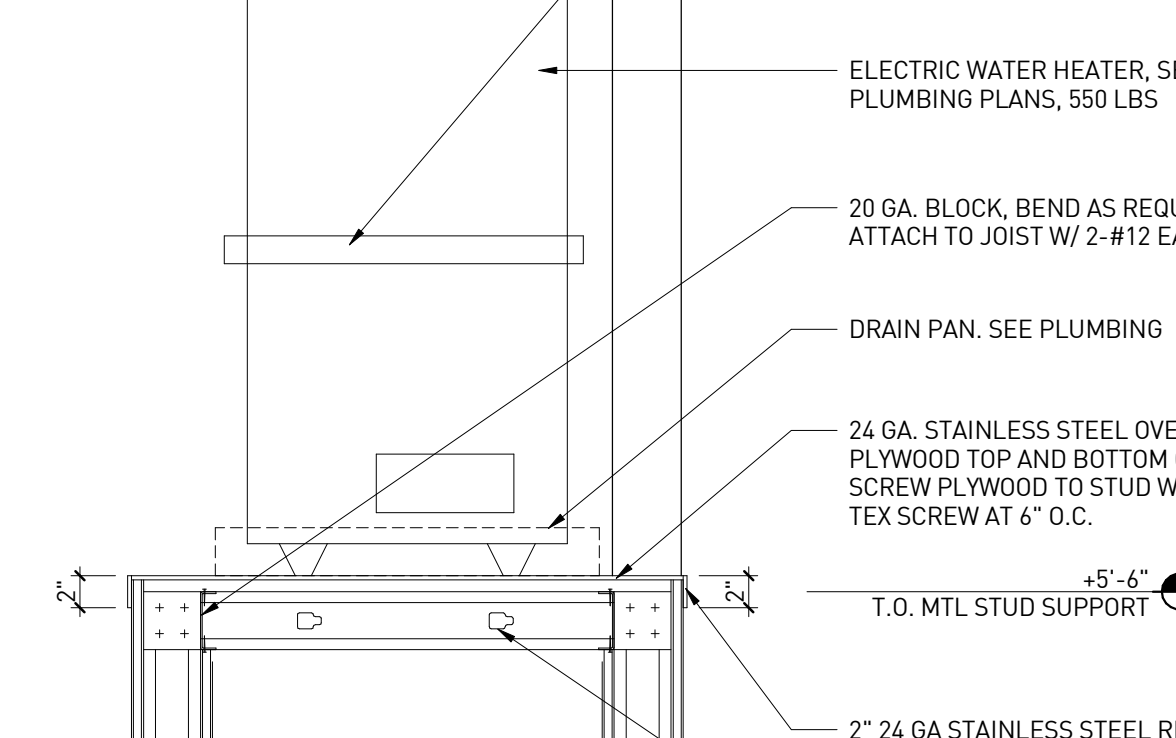
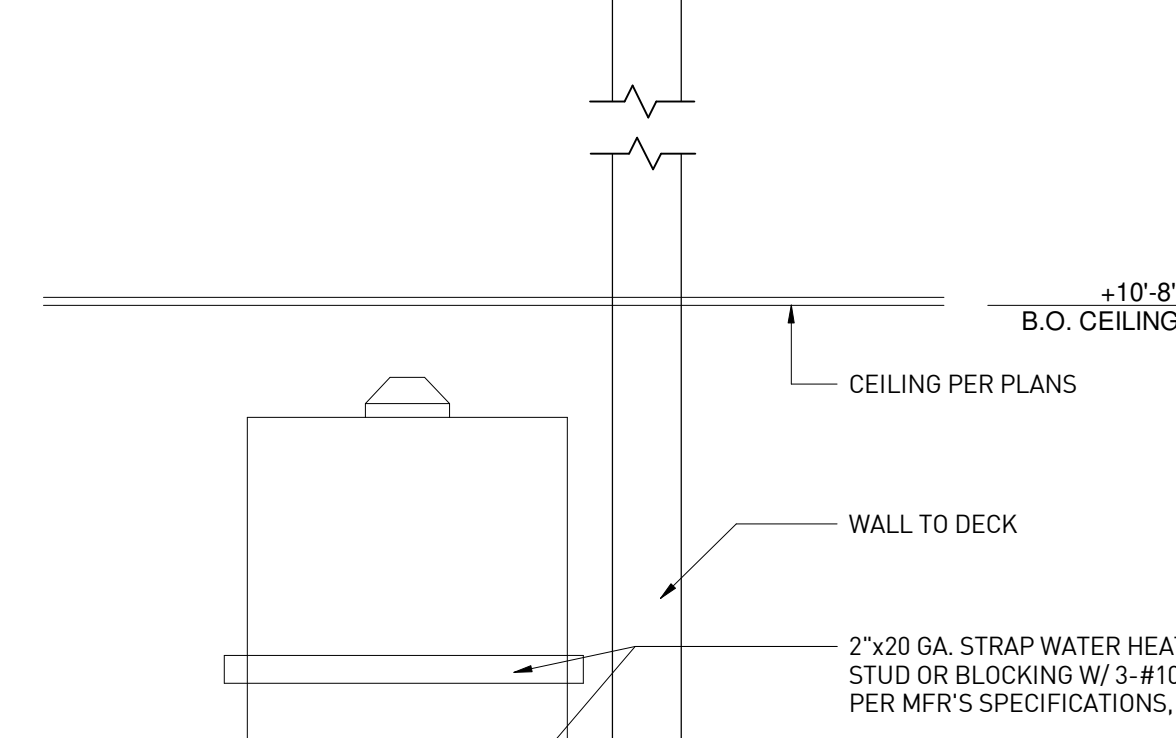
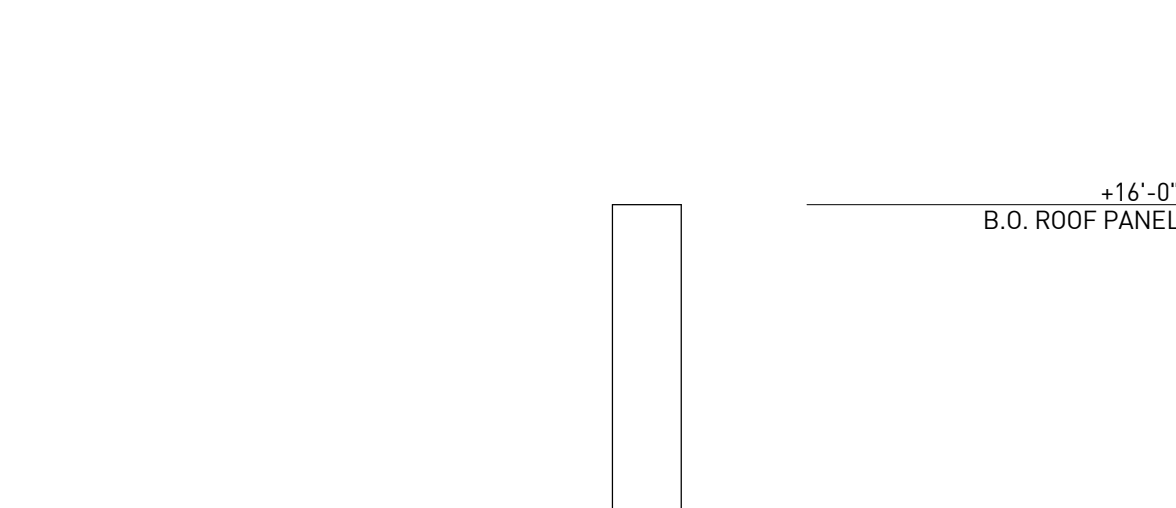
PROJECT NUMBER: 22130

**INTERIOR ARCHITECTURAL DETAILS**

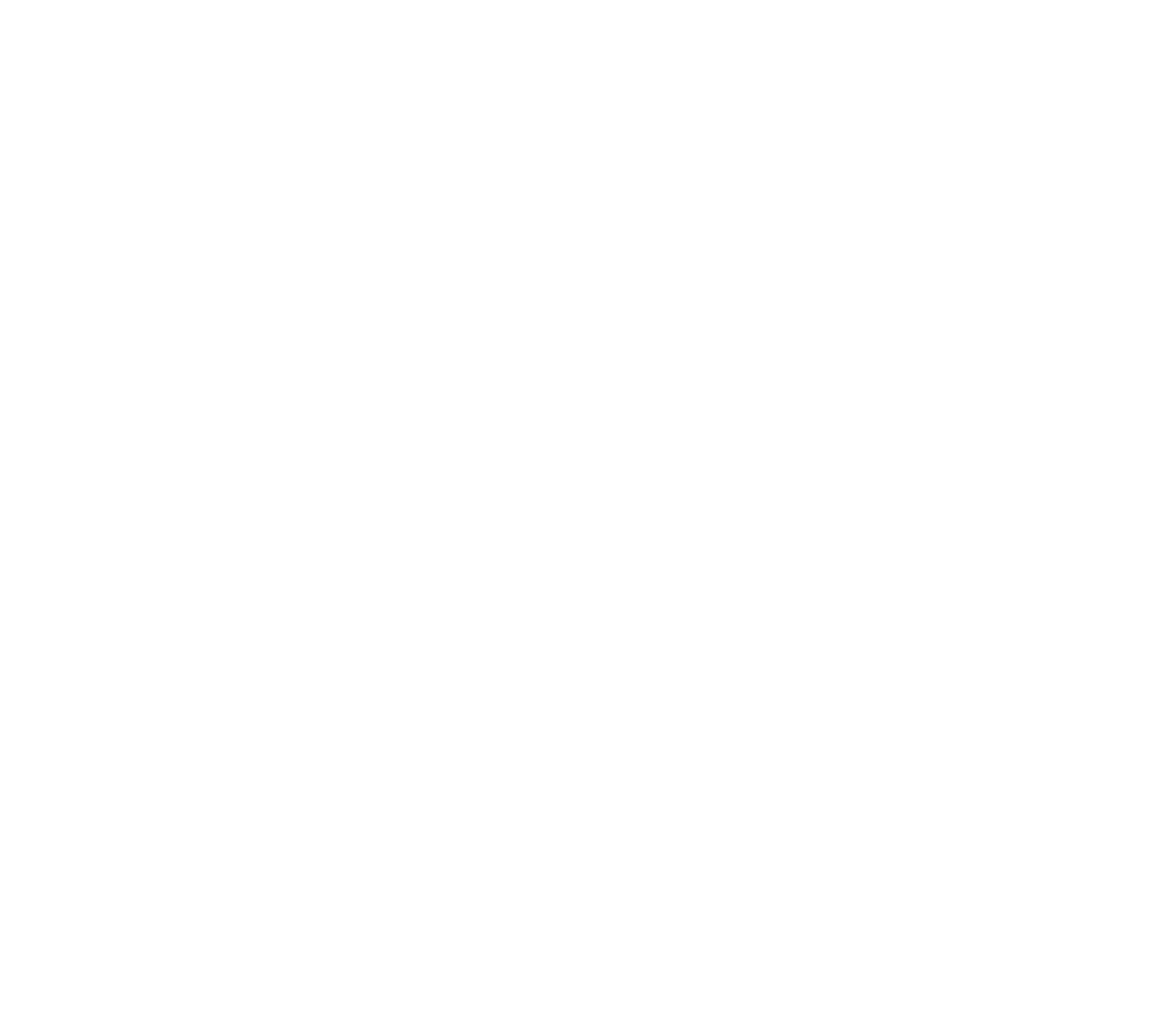
A9.2



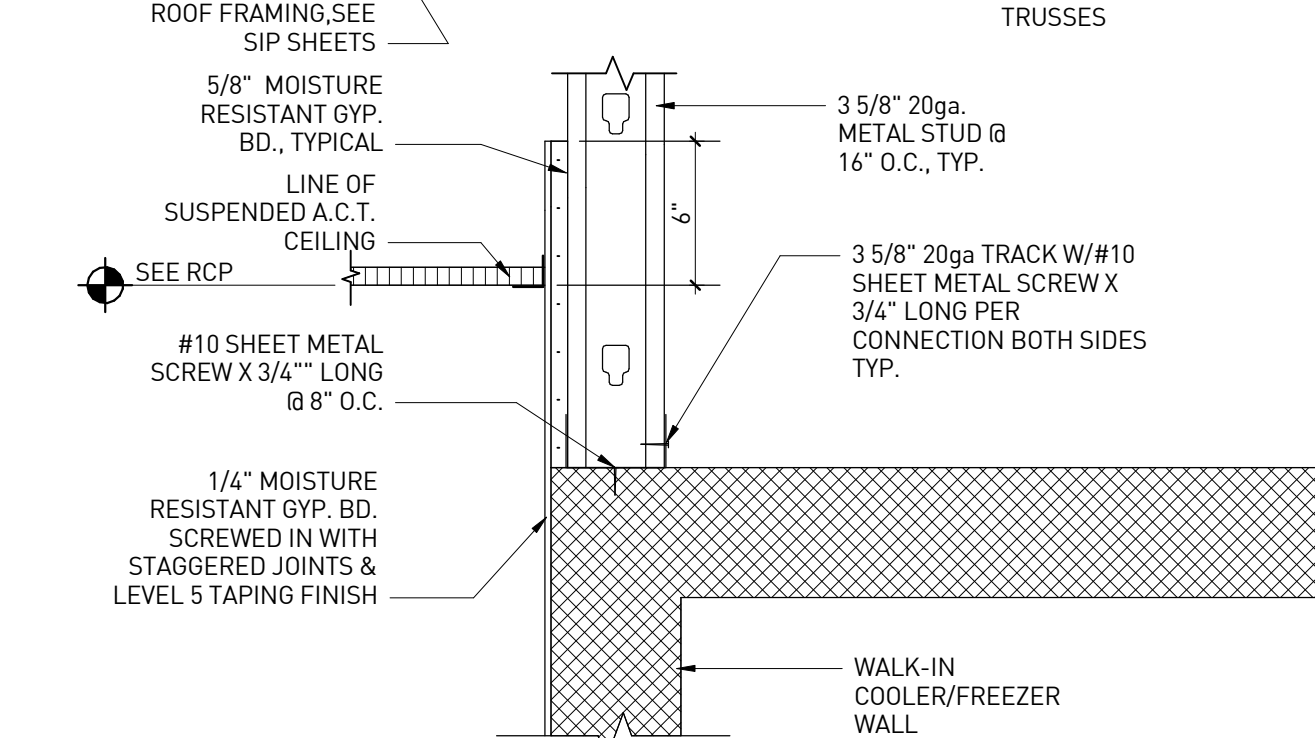
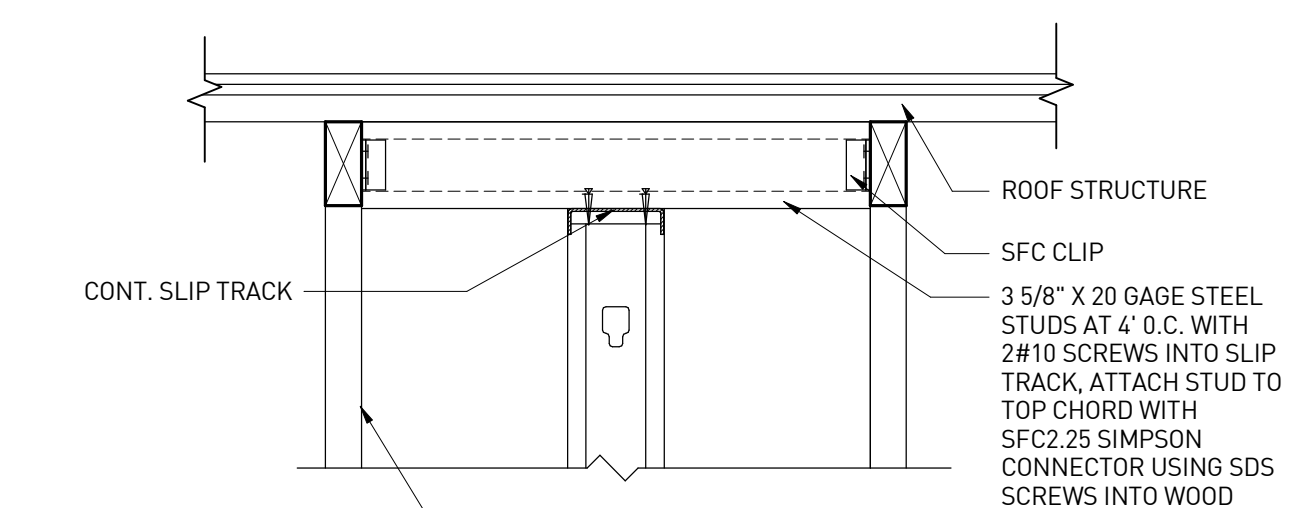
**PLAN THRU WATER HEATER/MOP SINK | 3**  
1" = 1'-0"



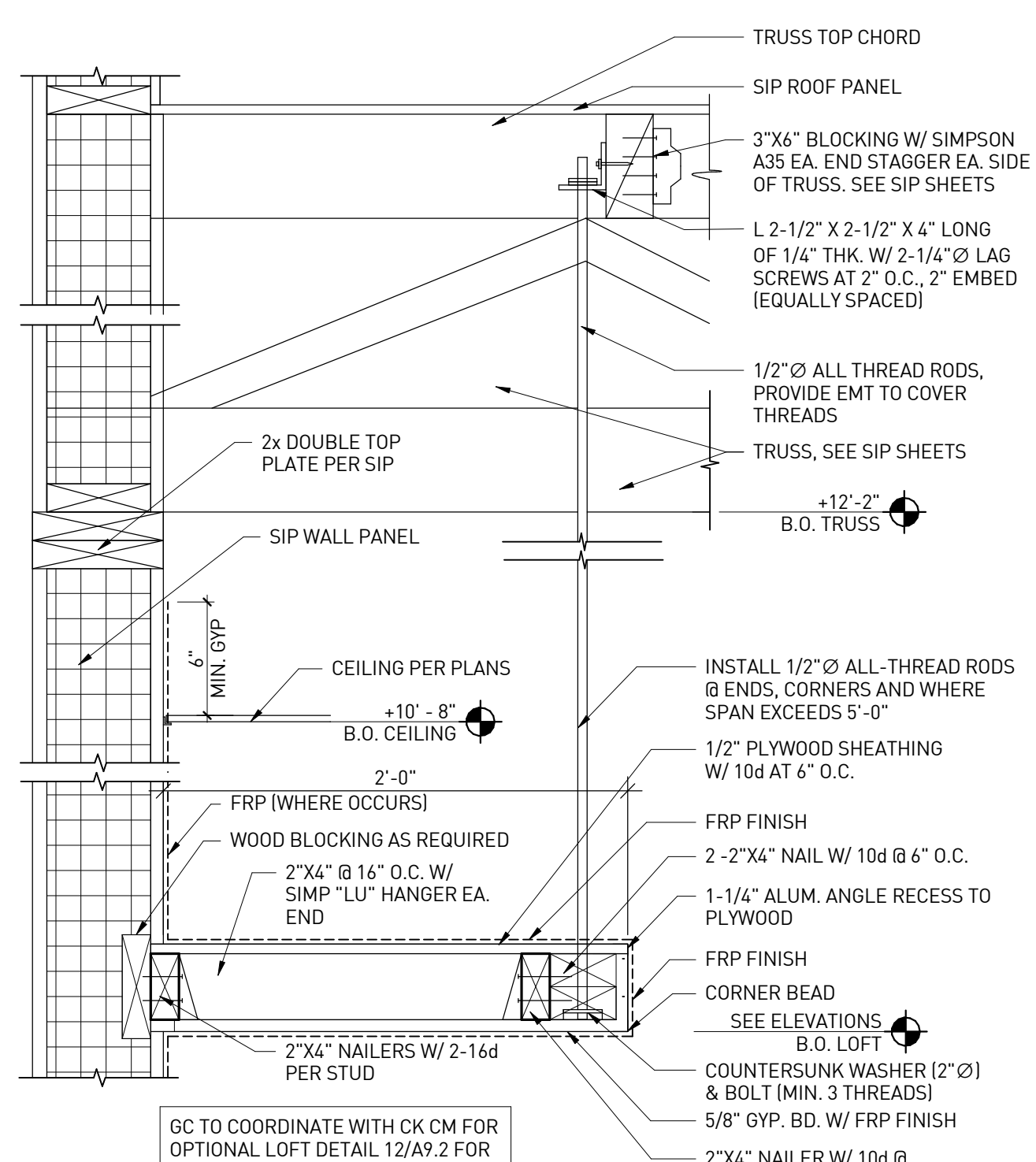
**SECTION THRU WATER HEATER/MOP SINK | 1**  
1" = 1'-0"



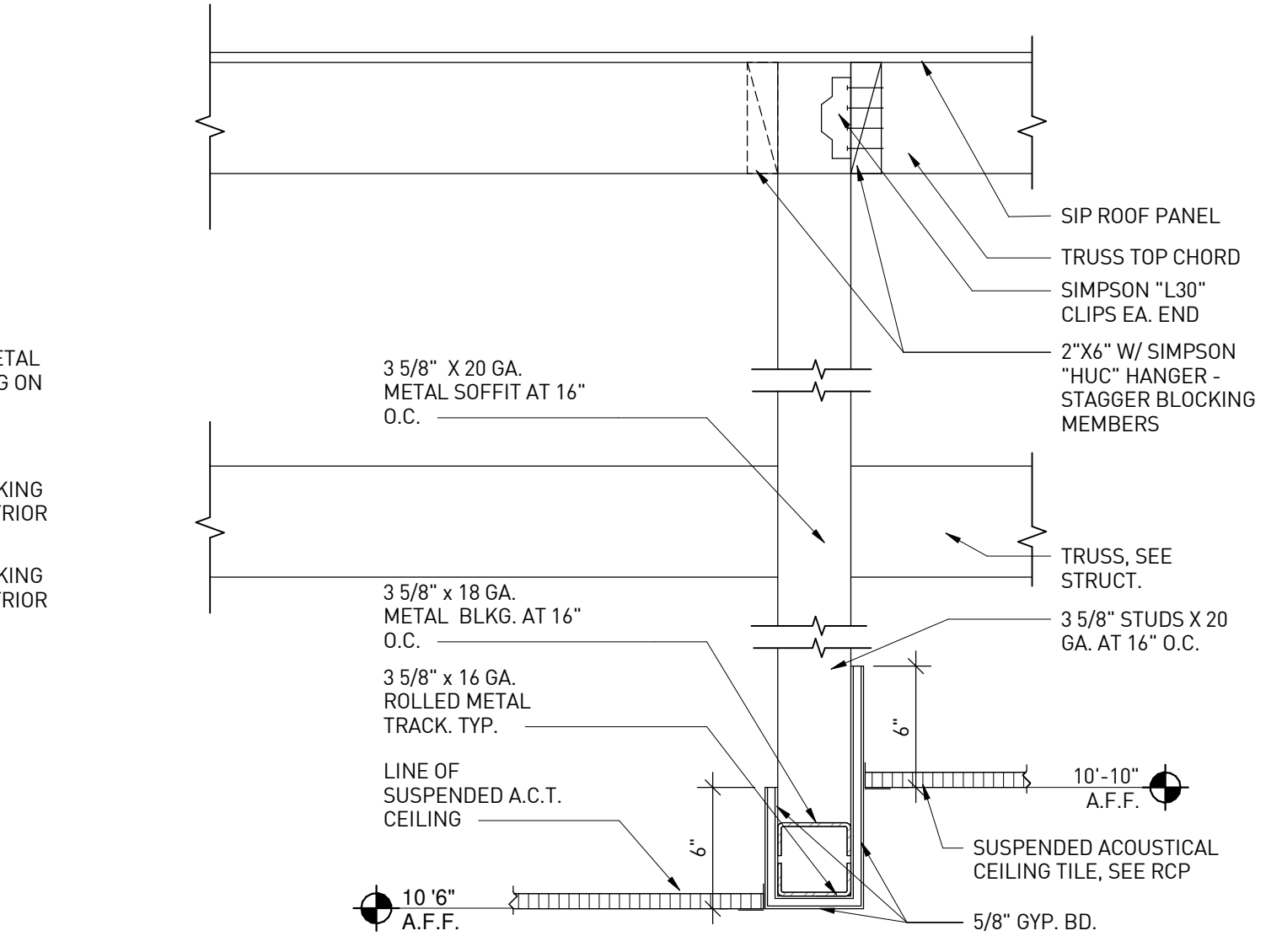
**SOFFIT DETAIL | 9**  
1 1/2" = 1'-0"



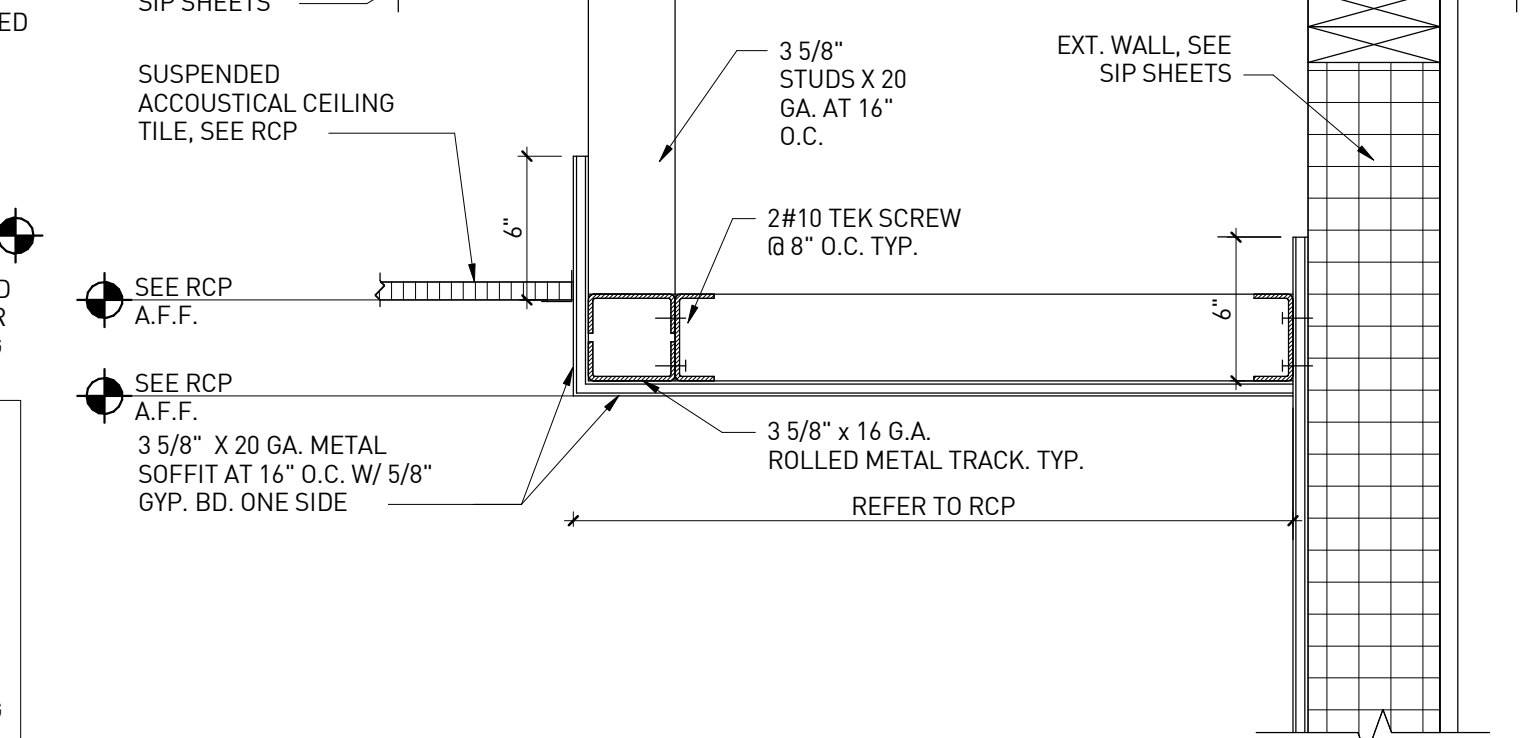
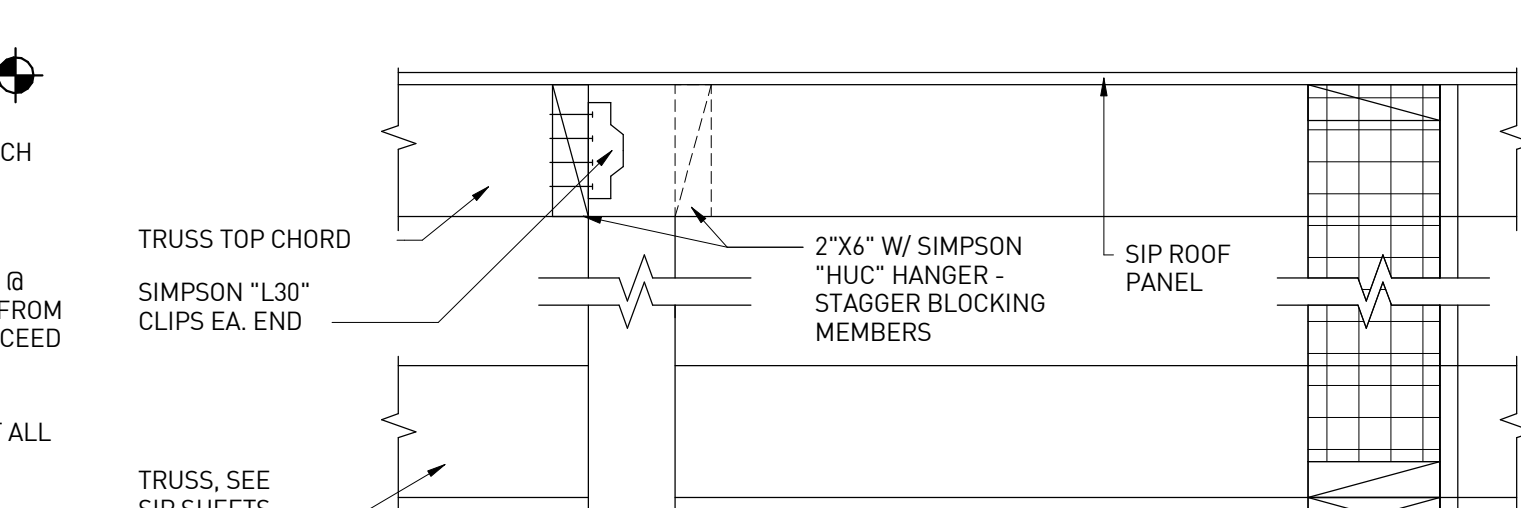
**VALANCE AT WALK-IN EQUIPMENT | 5**  
1 1/2" = 1'-0"



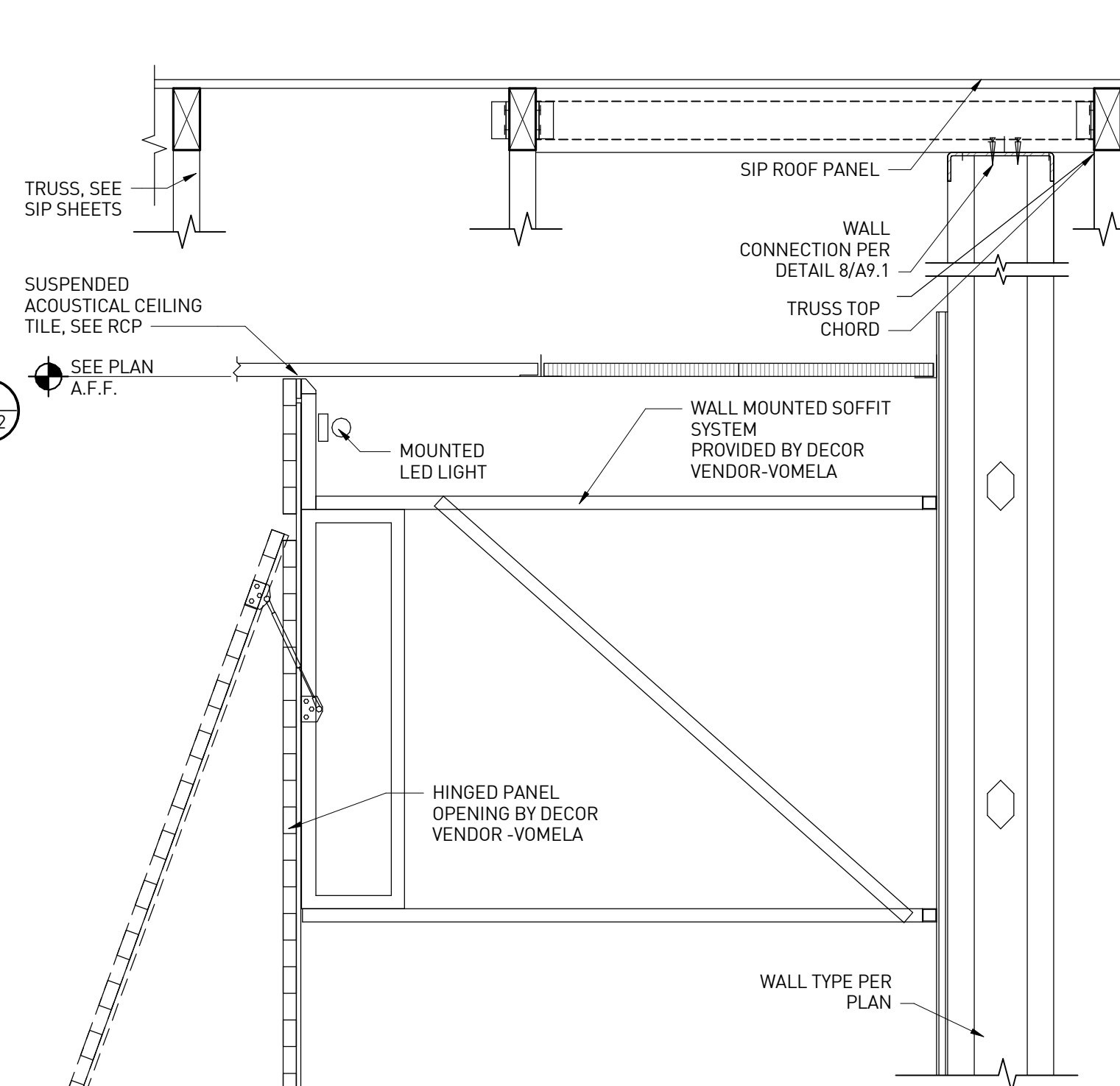
**STORAGE LOFT DETAIL | 4**  
1 1/2" = 1'-0"



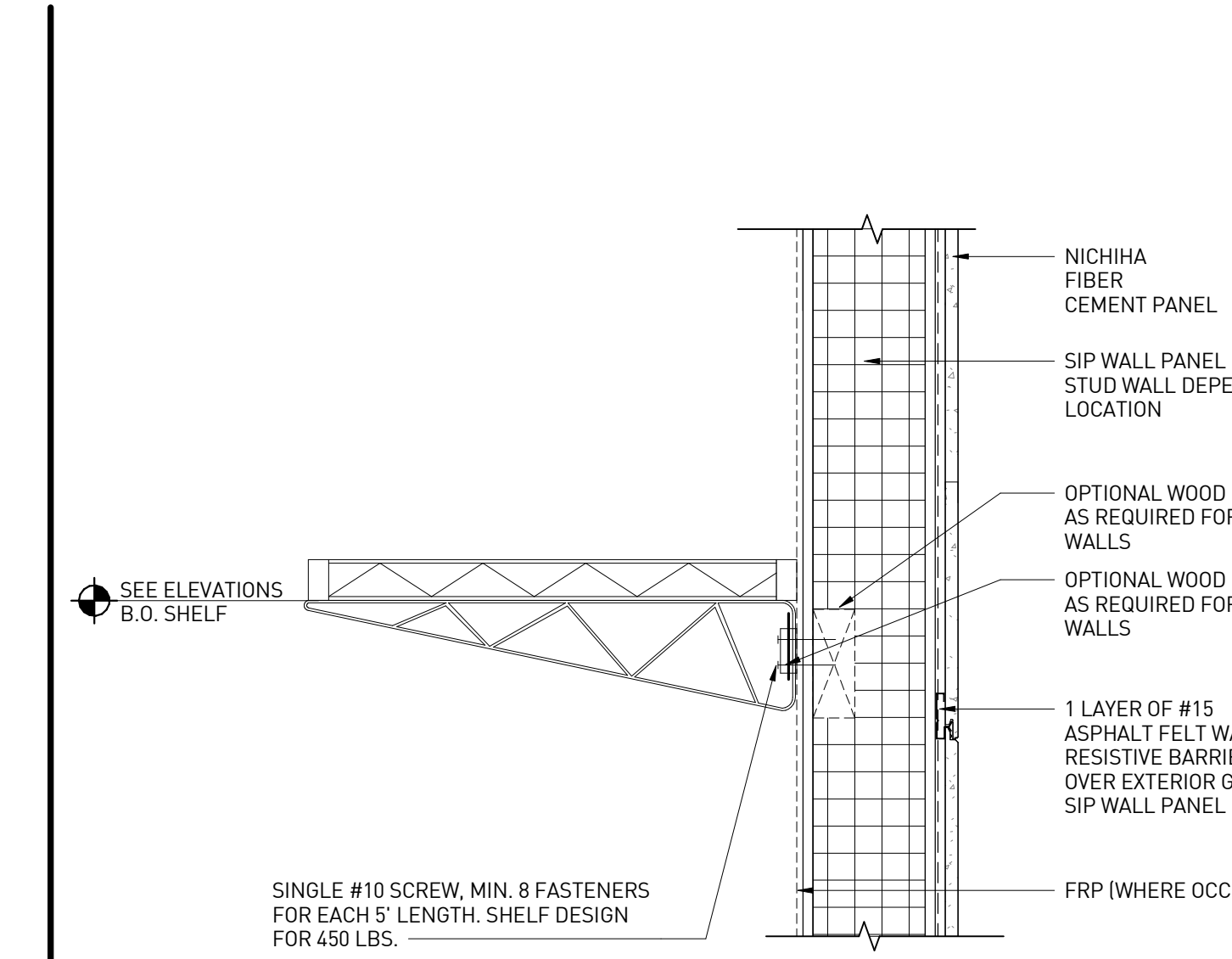
**SOFFIT DETAIL | 8**  
1 1/2" = 1'-0"



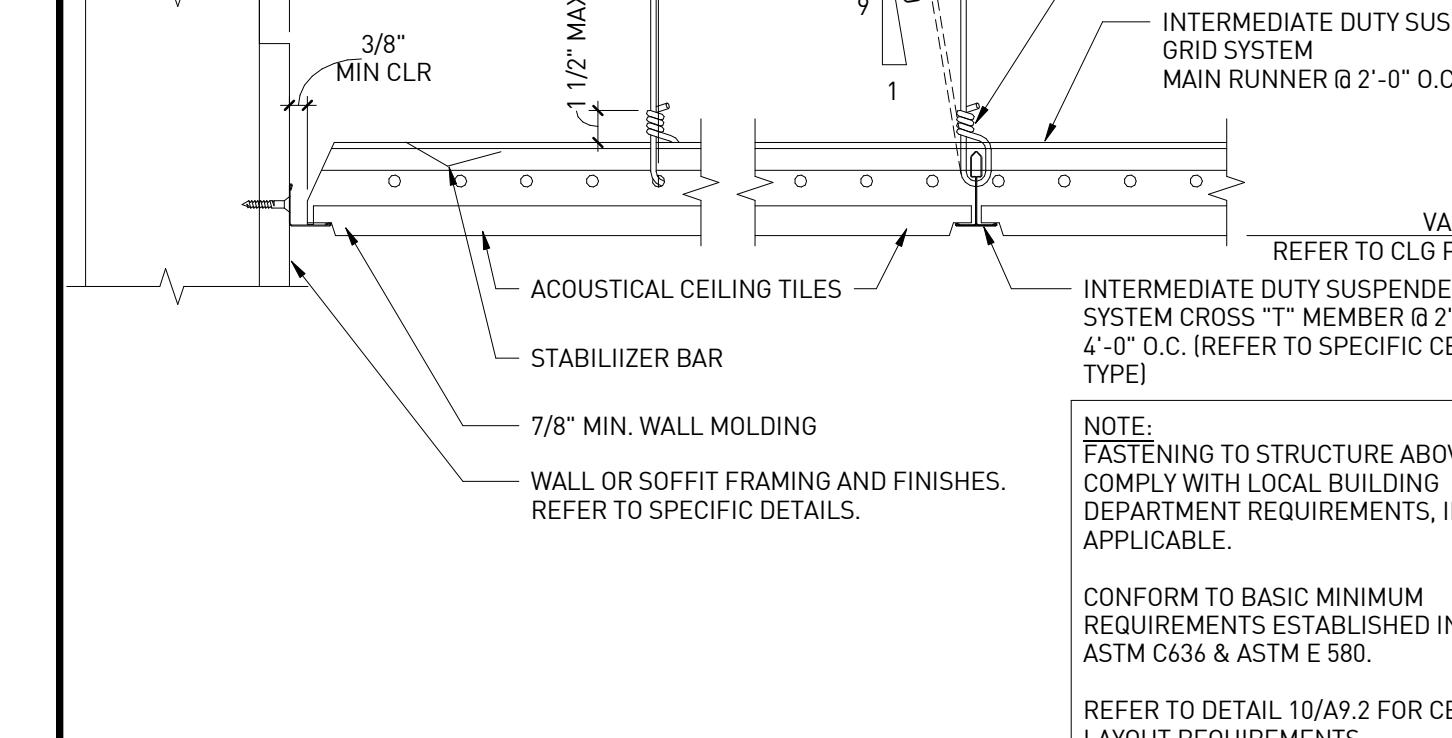
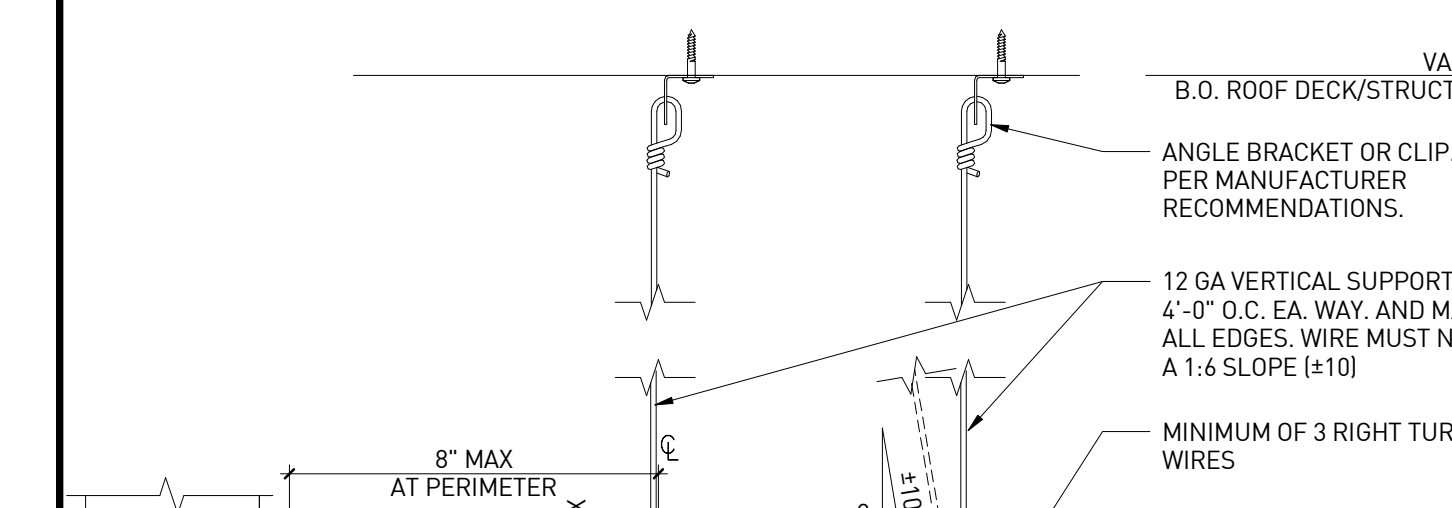
**SIGNAGE VALANCE @ CEILING | 7**  
1 1/2" = 1'-0"



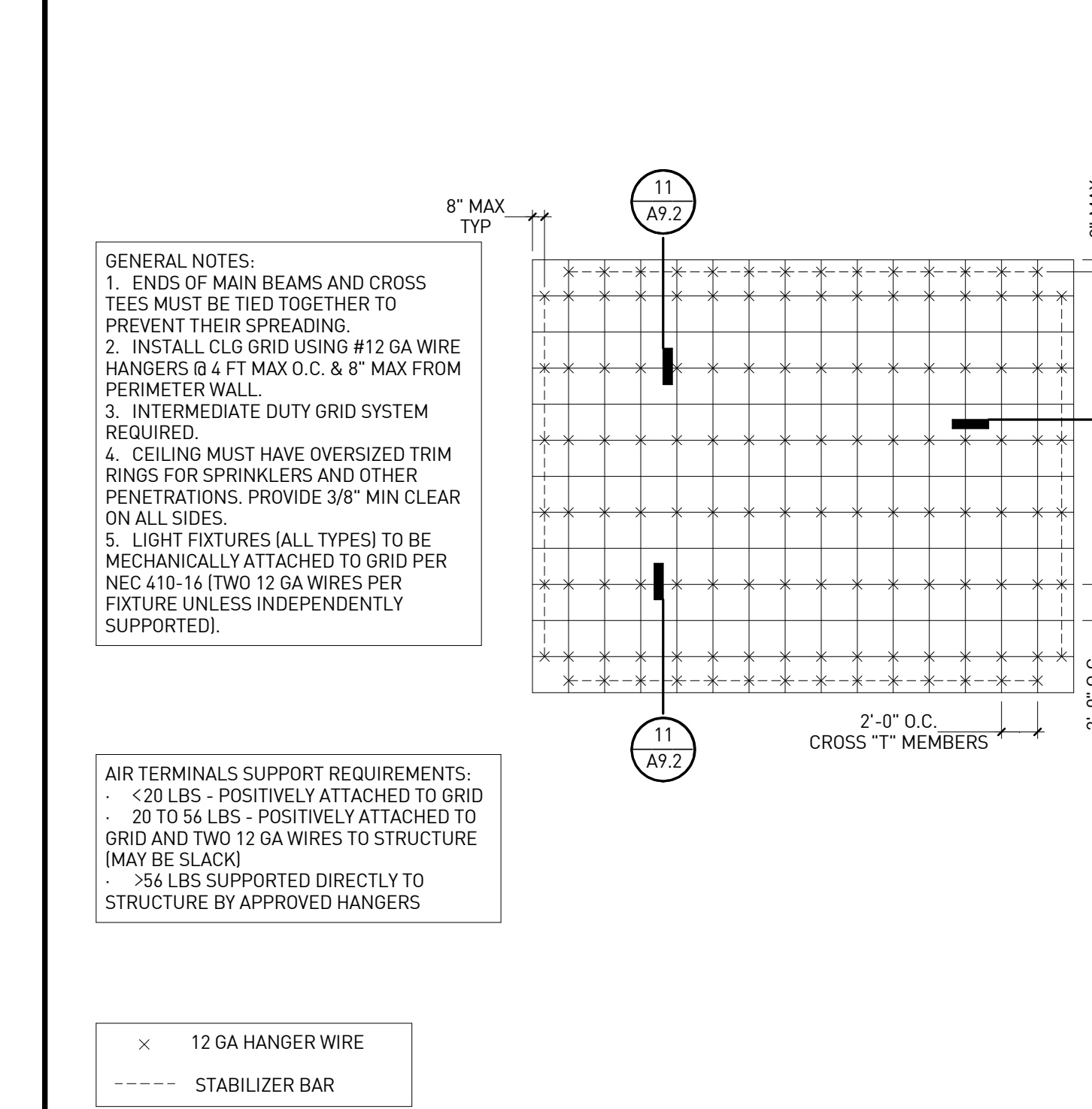
**ACT CEILING LAYOUT | 10**  
1/8" = 1'-0"



**STORAGE LOFT DETAIL | 12**  
1 1/2" = 1'-0"



**ACOUSTICAL CEILING TILE | 11**  
3" = 1'-0"



**ACT CEILING LAYOUT | 10**  
1/8" = 1'-0"

**GENERAL NOTES:**  
1. ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT THEIR SPREADING.  
2. INSTALL CLG GRID USING #12 GA WIRE HANGERS @ 4 FT MAX O.C. & 8" MAX FROM PERIMETER WALL.  
3. INTERMEDIATE DUTY GRID SYSTEM REQUIRED.  
4. CEILING MUST HAVE OVERSIZED TRIM RINGS FOR SPRINKLERS AND OTHER PENETRATIONS. PROVIDE 3/8" MIN CLEAR ON ALL SIDES.  
5. LIGHT FIXTURES (ALL TYPES) TO BE MECHANICALLY ATTACHED TO GRID PER NEC 410-16 (TWO 12 GA WIRES PER FIXTURE UNLESS INDEPENDENTLY SUPPORTED).

**AIR TERMINALS SUPPORT REQUIREMENTS:**  
- <20 LBS - POSITIVELY ATTACHED TO GRID  
- 20 TO 56 LBS - POSITIVELY ATTACHED TO GRID AND TWO 12 GA WIRES TO STRUCTURE (MAY BE SLACK)  
- >56 LBS SUPPORTED DIRECTLY TO STRUCTURE BY APPROVED HANGERS

x 12 GA HANGER WIRE  
--- STABILIZER BAR

# KEYNOTES FUEL CANOPY X

NUMBER	DESCRIPTION
CA-01	MULTI-PRODUCT DISPENSER, SEE FUEL DRAWINGS
CA-02	CONCRETE PAVING, SEE CIVIL SHEET & STRUCT. DRAWINGS
CA-03	36" HIGH, 6" BOLLARD, QTY. 2 AT EACH END OF DISPENSER, SEE DETAIL 5/F3.2
CA-04	NICHIIA VINTAGE BRICK, STEEL CANOPY COLUMN, SEE FUEL CANOPY STRUCTURAL DRAWINGS
CA-05	LINE OF CANOPY ABOVE

# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

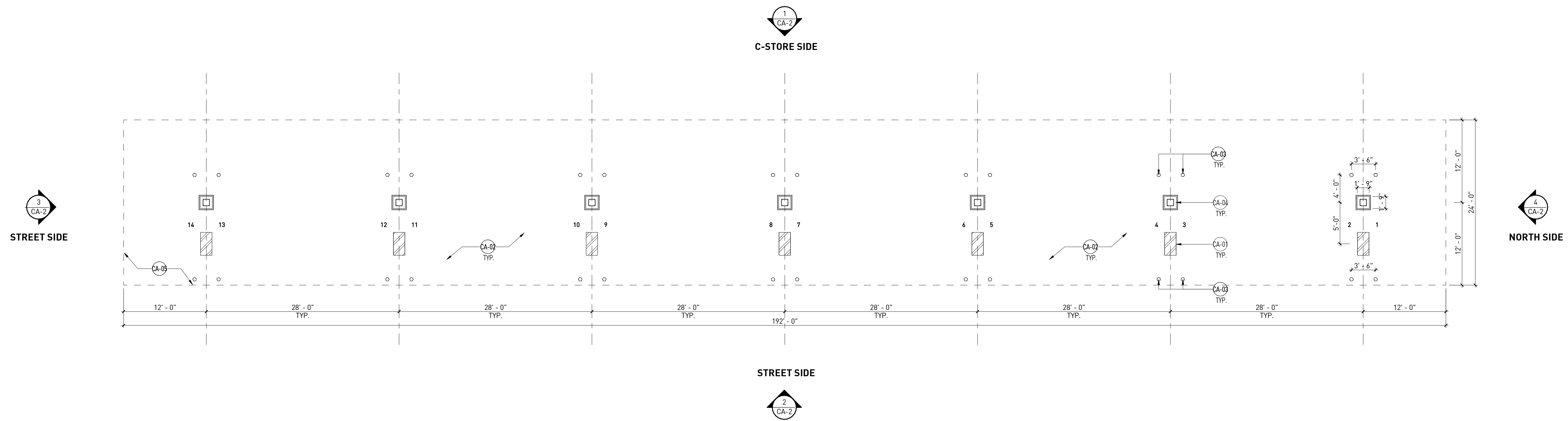
This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTP	02/15/23



FUEL CANOPY FLOOR PLAN | 1  
1/8" = 1'-0"



### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

### PROJECT NAME

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



CIRCLE K STORE INC.

PROJECT NUMBER: 22130

**FUEL CANOPY PLAN**

CA-1

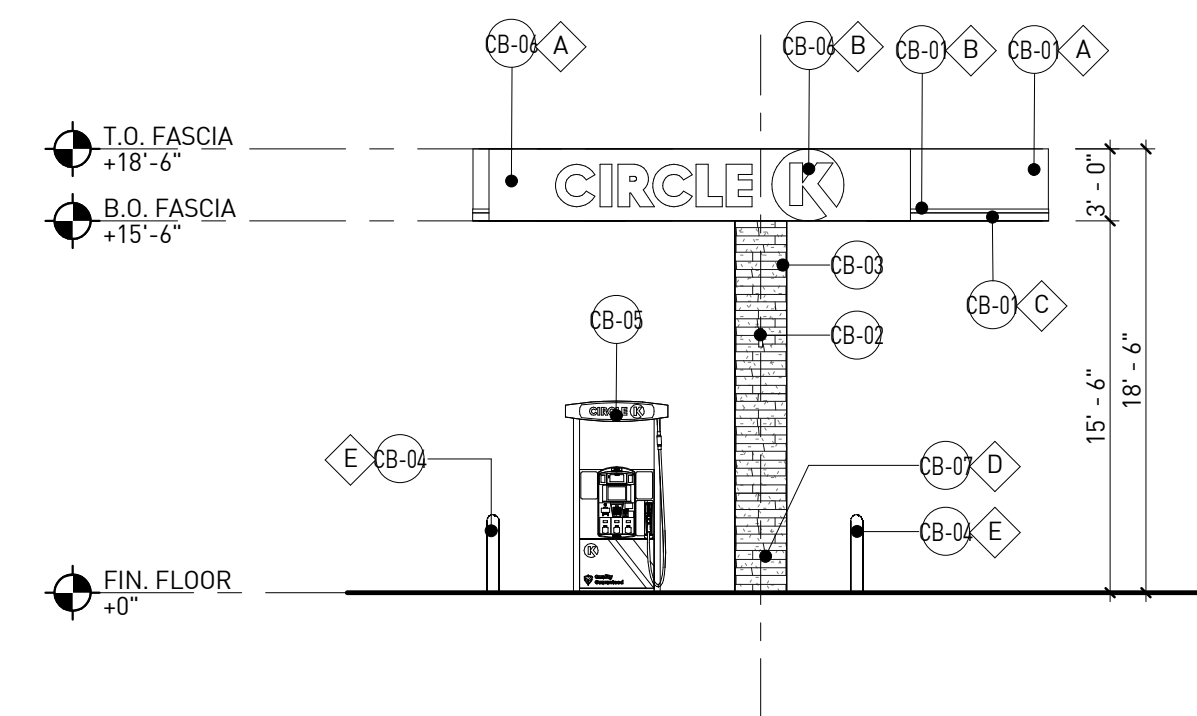
# KEYNOTES FUEL CANOPY X

NUMBER	DESCRIPTION
CB-01	ACM PANEL "TEX-COTE"
CB-02	COLUMN FLAGS BY SIGNAGE VENDOR
CB-03	LINE OF STEEL COLUMN WITHIN
CB-04	4" O BOLLARD, 36" HIGH
CB-05	FUEL PUMP
CB-06	INTERNALLY ILLUMINATED SIGN UNDER SEPARATE PERMIT
CB-07	NICHIHA VINTAGE BRICK

## FINISH SCHEDULE X

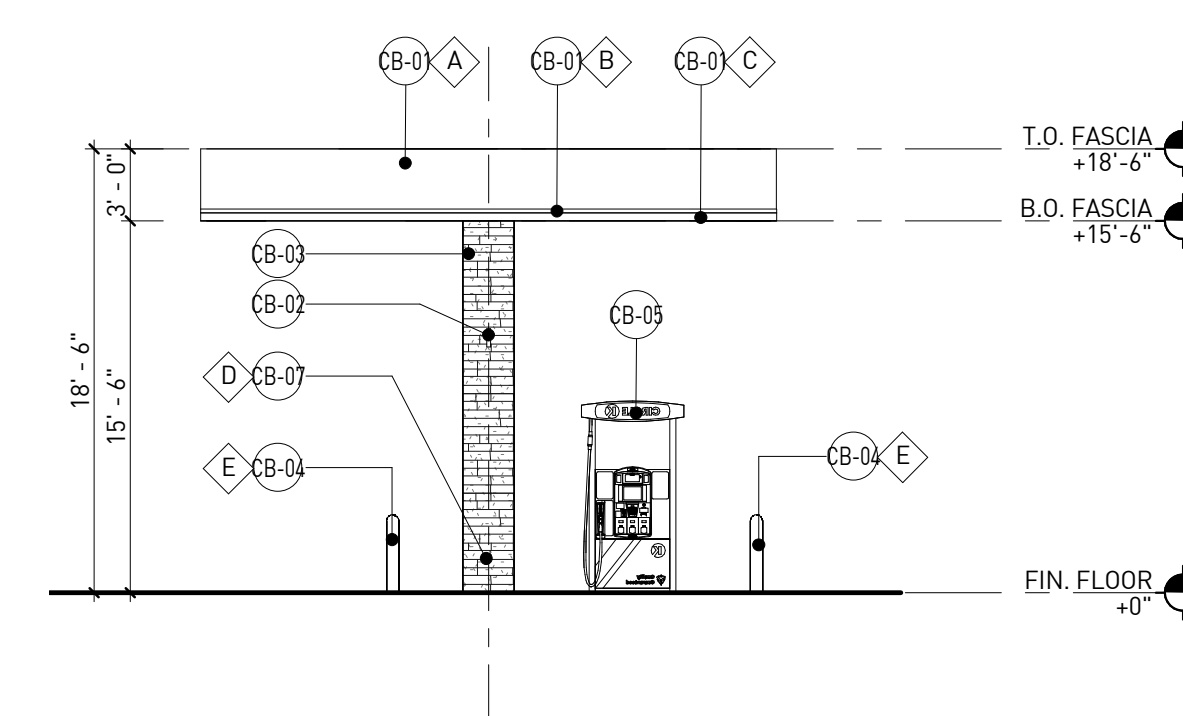
A	CIRCLE K RED #PMS 485
B	CIRCLE K WHITE
C	CIRCLE K ORANGE #PMS 144
D	NICHIHA "WHITE WASH"
E	PVC BOLLARD SLEEVE - DARK GRAY
F	RAL9016 SHELL WARM WHITE
G	NICHIHA TUFF BLOCK - COLOR TO MATCH SW6115 - TOTALLY TAN
H	NICHIHA LEDGESTONE BLUFF
J	NICHIHA CHISELED SILL TAN

- NOTES:
- COLORS SHOWN ON THESE ELEVATIONS ARE FOR ILLUSTRATION PURPOSES ONLY. FOR ACTUAL COLORS, REFER TO MANUFACTURER'S SAMPLES.
  - THE FASCIA PANELS ARE PRE-FINISHED BY SIGNAGE VENDOR
  - ALL SIGNS REQUIRE A SEPARATE SUBMITTAL
  - ALL LIGHTING ON CANOPY TO BE FLUSH MOUNTED WITH FASCIA



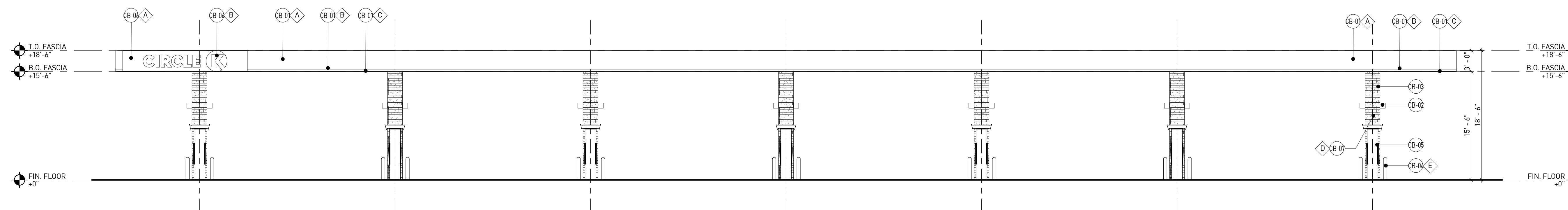
NORTH SIDE ELEVATION | 4

1/8" = 1'-0"



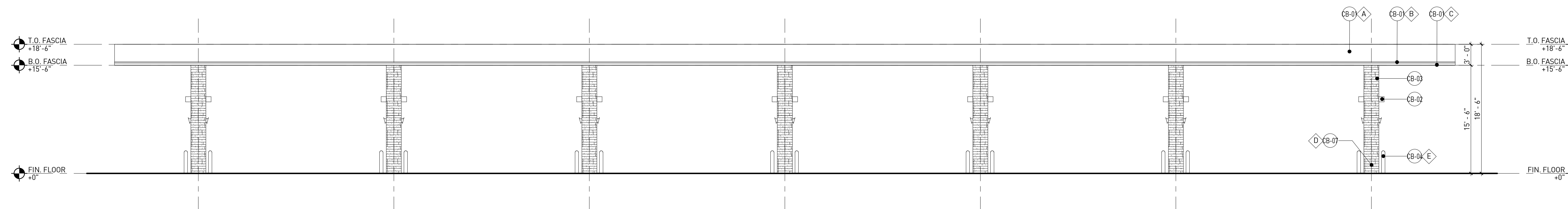
STREET SIDE (SOUTH) ELEVATION | 3

1/8" = 1'-0"



STREET SIDE (EAST) ELEVATION | 2

1/8" = 1'-0"



C-STORE SIDE (WEST) ELEVATION | 1

1/8" = 1'-0"

rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawing is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTP	02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

### PROJECT NAME

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22



CIRCLE K STORE INC.

PROJECT NUMBER: 22130

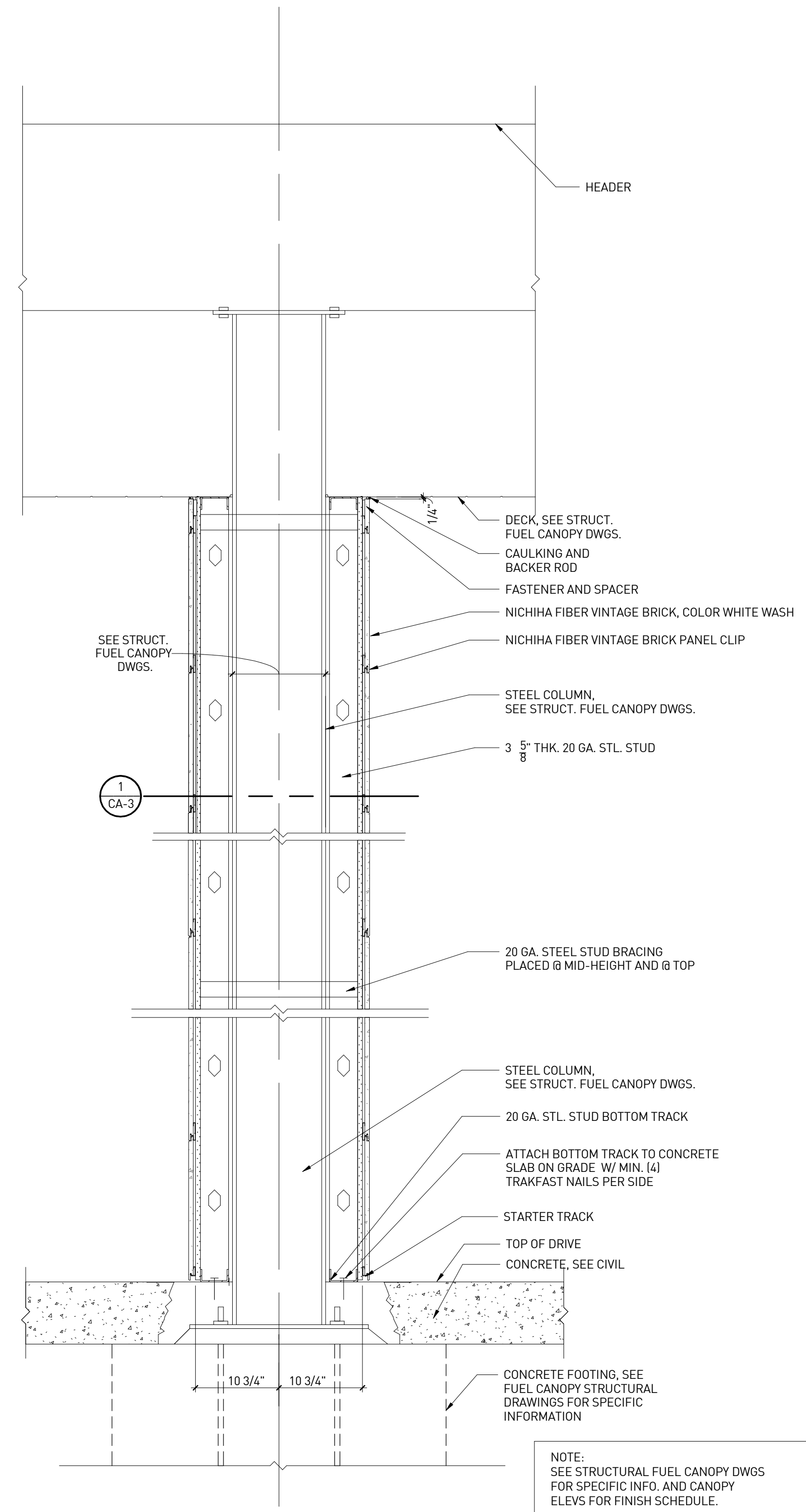
FUEL CANOPY  
ELEVATIONS

CA-2

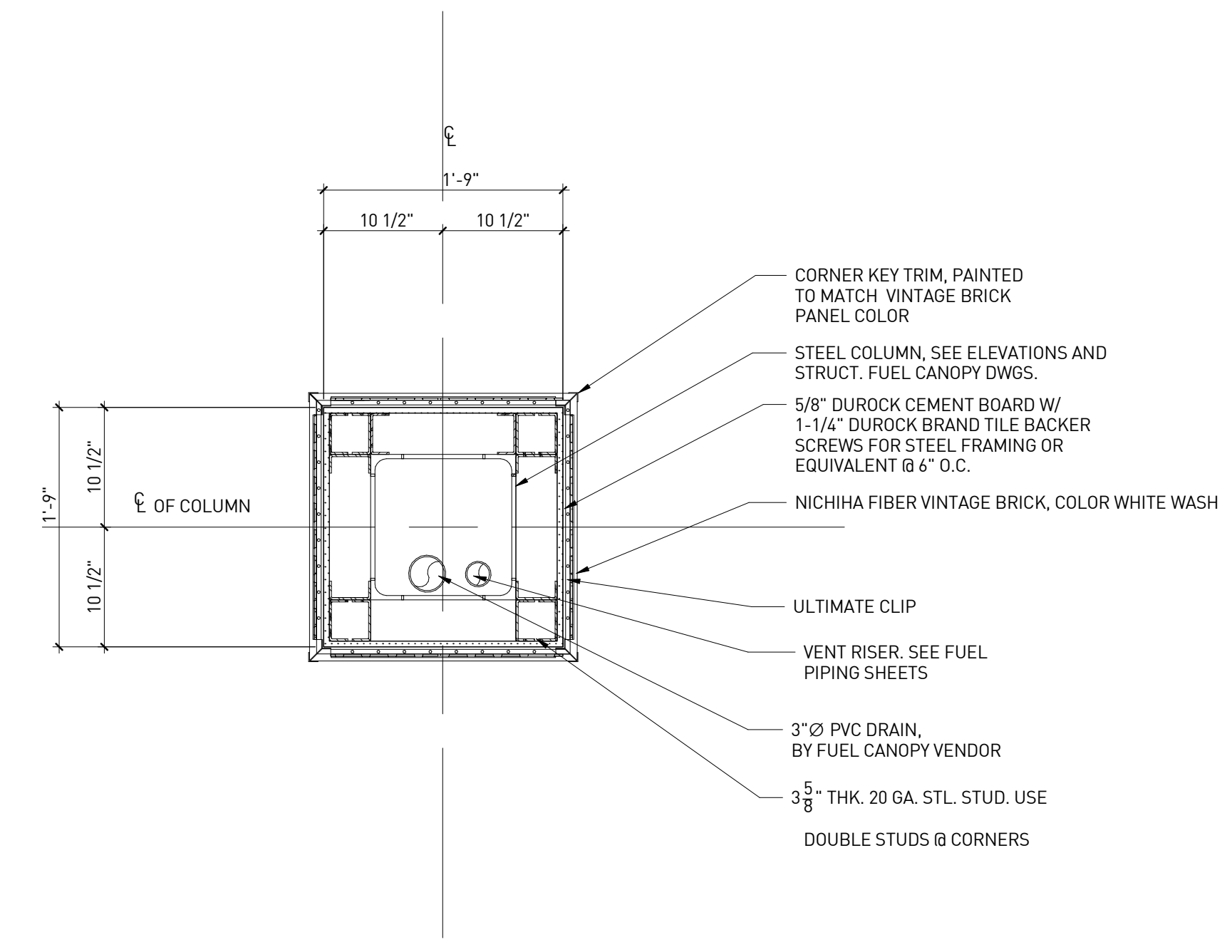
# KEYNOTES FUEL CANOPY X

**NUMBER DESCRIPTION**

1. SEE STRUCTURAL FUEL CANOPY DWGS FOR MORE INFORMATION.
2. SEE EXTERIOR CANOPY ELEVATIONS FOR FINISH.



COLUMN SECTION @ FUEL CANOPY - TYP. | 2  
1" = 1'-0"



FUEL CANOPY COLUMN PLAN - TYP. | 1  
1" = 1'-0"

CLASS A COLUMN FINISH

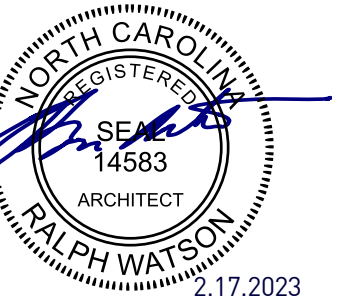


11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
OTP	02/15/23

**PROFESSIONAL IN CHARGE**

RW

**PROJECT MANAGER**

RM

**QUALITY CONTROL**

JS

**DRAWN BY**

YN

**PROJECT NAME**

**CIRCLE K STORES, INC.**

**ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R1.1 11/21/22

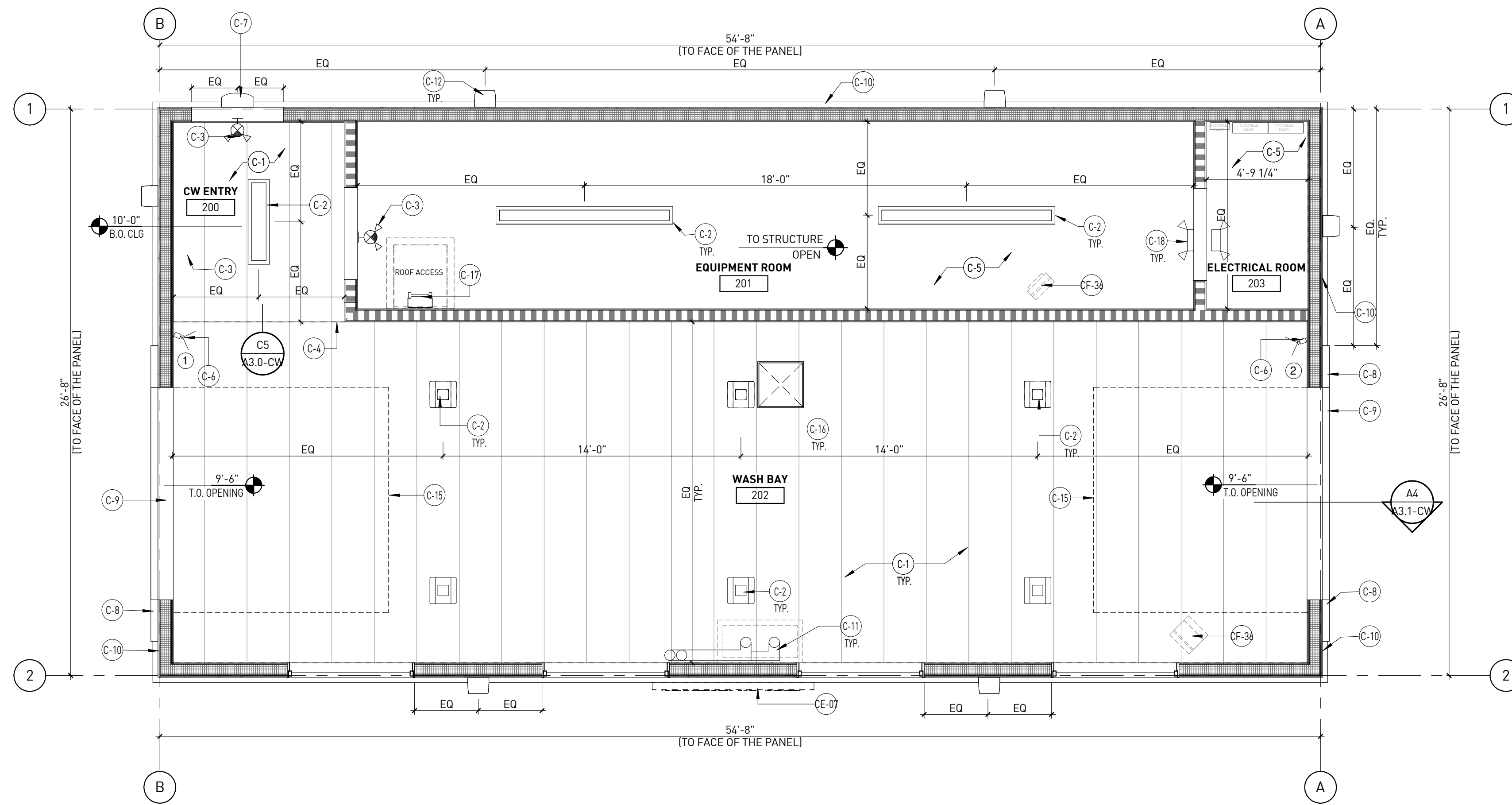


CIRCLE K STORE INC.

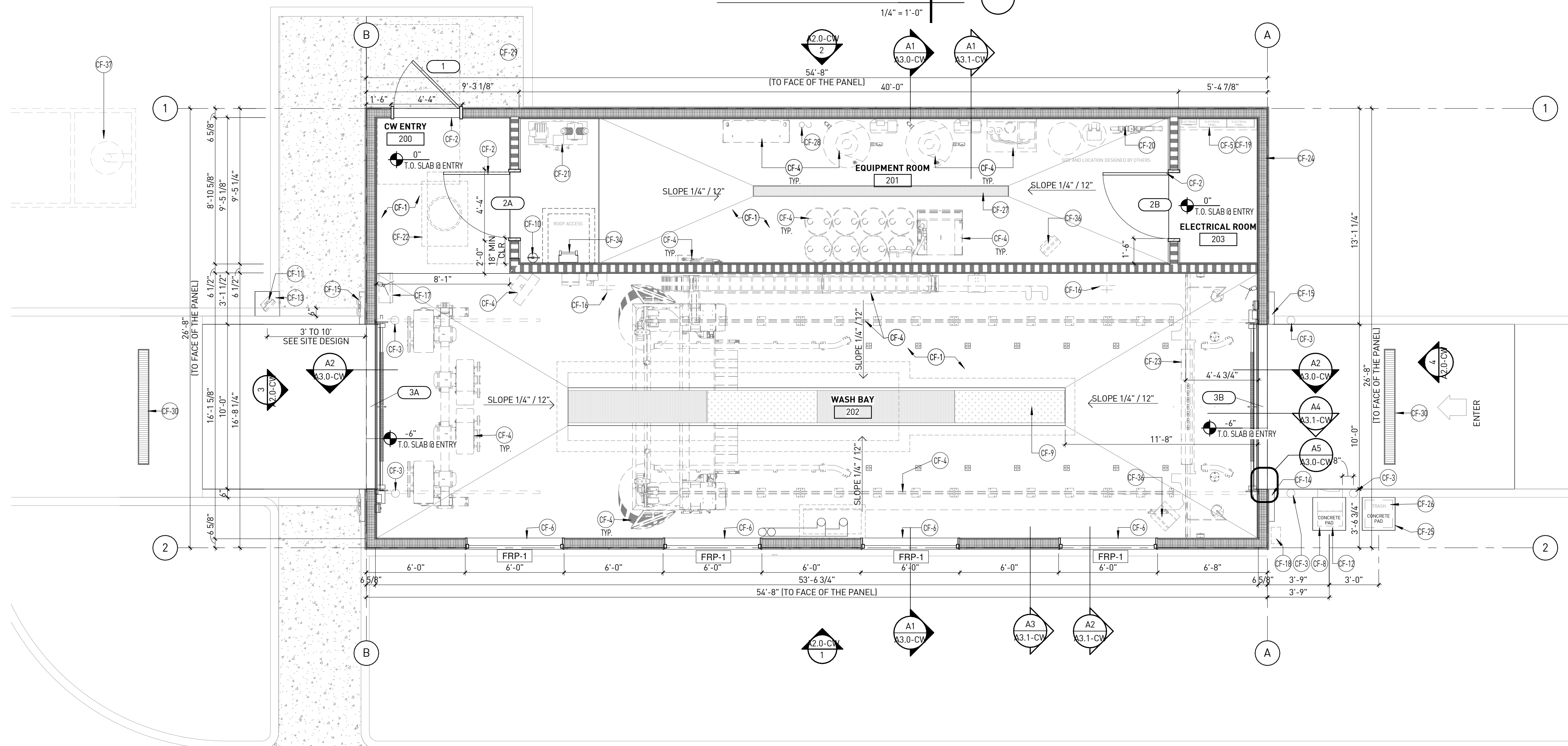
PROJECT NUMBER: 22130

**FUEL CANOPY COLUMN DETAILS**

CA-3



REFLECTED CEILING PLAN | 2  
1/4" = 1'-0"



FLOOR PLAN | 1  
1/4" = 1'-0"

### RCP KEY NOTES

NUMBER	DESCRIPTION
C-1	CONTINUOUS 24" EXTRUTECH PANELS OVER 4 MIL POLY VAPOR BARRIER SURFACE MOUNTED TO UNDERSIDE OF SIP ROOF PANEL.
C-2	INTERIOR LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
C-3	SINGLE ILLUMINATED EXIT SIGN, SEE ELECTRICAL DRAWINGS.
C-4	SOFFIT LINE, SEE DETAILS C5/A3.0-CW.
C-5	EXPOSED TO STRUCTURE ABOVE
C-6	SECURITY CAMERA, FINAL LOCATION PER SECURITY VENDOR.
C-7	EXTERIOR WALL MOUNTED LIGHT FIXTURE CENTERED ABOVE EXTERIOR DOOR. BOTTOM OF LIGHT FIXTURE AT 8'-0" A.F.F. REFER TO ELEC. DWGS. AND EXTERIOR ELEVATIONS.
C-8	PRE-FINISHED PORTAL LEG, SUPPLIED AND INSTALLED BY SIGNAGE VENDOR.
C-9	PRE-FINISHED PORTAL HEADER, SUPPLIED AND INSTALLED BY SIGNAGE VENDOR.
C-10	5/8" THK X 17 7/8" H X 71 9/16" L FIBER CEMENT WALL PANEL SYSTEM PER MANUFACTURER'S SPECIFICATIONS OVER FELT WATER RESISTIVE BARRIER. REFER TO EXTERIOR DETAILS ON SHEETS A3.0-CW SERIES.
C-11	ROOF DRAIN AND EMERGENCY ROOF DRAIN, SEE DETAIL D4/A1.1-CW
C-12	EXTERIOR LIGHT FIXTURE, SEE ELEC. DWGS. AND EXTERIOR ELEVATIONS.
C-15	EXTENT OF OVERHEAD DOOR SHOWN DASHED.
C-17	ROOF LADDER AND ROOF SCUTTLE ABOVE, SEE DETAILS D1 & D2 ON SHEET A1.1-CW.
C-18	ILLUMINATED EMERGENCY EXIT SIGN, SEE ELECTRICAL
CE-07	LOGO/ CAR WASH SIGN (SHOWN DASHED) PROVIDED AND INSTALLED BY SIGNAGE VENDOR - SIGNAGE UNDER SEPARATE PERMIT.
CF-1	CONCRETE SLAB, SEE STRUCTURAL FOR REINFORCING.
CF-2	INSULATED FRP DOOR IN FRP FRAME, SEE DOOR SCHEDULE.

### GENERAL NOTES

### FLOOR PLAN KEY NOTES

NUMBER	DESCRIPTION
CF-3	6" DIA. BOLLARD WITH PLASTIC COVER, REFER TO SIMILAR DETAIL 1/SD1.2.
CF-4	CAR WASH EQUIPMENT (N.I.C.) PROVIDED & INSTALLED BY CAR WASH EQUIPMENT VENDOR
CF-5	CARWASH ELECTRICAL PANEL, SEE ELECTRICAL DRAWINGS.
CF-6	FRP WINDOW, SEE DETAIL B2/A3.0-CW.
CF-8	CODED ENTRY SYSTEM N.I.C. PROVIDED & INSTALLED BY CAR WASH EQUIPMENT VENDOR, COORDINATE LOCATION W/CIVIL DRAWINGS.
CF-9	WASH BAY TRENCH DRAIN, SLOPE CONCRETE FLOOR SLAB TO TRENCH DRAIN- SEE PLUMBING AND CAR WASH SECTIONS.
CF-10	WALL MOUNTED FIRE EXTINGUISHER (TYPE ABC) SUPPLIED AND INSTALLED BY GC. COORDINATE LOCATION W/CIVIL DRAWINGS.
CF-11	DRYER TIME PROVIDED & INSTALLED BY CAR WASH EQUIPMENT VENDOR. COORDINATE LOCATION W/CIVIL DRAWINGS.
CF-12	2'-0"x2'-0" MIN. CONCRETE PAD FOR CODED ENTRY SYSTEM BY GC. COORDINATE LOCATION, NUMBER, & SIZE OF CONDUITS IN PAD WITH CAR WASH EQUIPMENT VENDOR
CF-13	1'-6"x1'-6" MIN. CONCRETE PAD FOR DRYER TIMER BY GC. COORDINATE LOCATION, NUMBER, & SIZE OF CONDUITS IN PAD WITH CAR WASH EQUIPMENT VENDOR.
CF-14	PRE-FINISHED ENTRANCE PORTAL LEG, SUPPLIED AND INSTALLED BY SIGNAGE VENDOR. PROVIDE POWER FOR TIMER, REFER TO EXT. ELEVATIONS.
CF-15	PRE-FINISHED PORTAL LEG, SUPPLIED AND INSTALLED BY SIGNAGE VENDOR. REFER TO EXT. ELEVATIONS.
CF-16	HOSE BIB - SEE MECHANICAL DRAWINGS.
CF-17	ENTRANCE/EXIT DOOR CONTROL BOX.
CF-18	ENTRANCE SIGN BY VENDOR
CF-19	4" CONCRETE CURB AT ELECTRICAL PANELS
CF-20	CAR WASH WATER SERVICE, SEE PLUMBING DRAWINGS
CF-21	AIR COMPRESSOR, SEE MECH. DWGS. AND CW EQUIPMENT DWGS.
CF-22	OIL/SAND COMPRESSOR - SEE PLUMBING DRAWINGS
CF-23	RECESS IN FLOOR FOR UNDER-CARRIAGE WASHER-VERIFY SEE STRUCT.
CF-24	6-5/8" STRUCTURAL INSULATED PANEL, WITH R-23.375FIR-25.425FI BATT INSULATION-SEE SIPS PLANS
CF-25	2'-0"x2'-0" MIN. CONCRETE PAD BY GC.
CF-26	TRASH CAN.
CF-27	TRENCH DRAIN IN EQUIPMENT ROOM, SLOPE CONCRETE FLOOR SLAB TO TRENCH DRAIN SEE PLUMBING DRAWINGS.
CF-28	EMERGENCY OVERFLOW AND ROOF DRAIN SEE ROOF PLAN AND DETAIL D5/A1.1-CW.
CF-29	DIGITAL MENU BOARD FOR CAR WASH AT CASHIER AREA. REFER TO C-STORE DRAWINGS
CF-30	TRENCH DRAIN - SEE CIVIL DRAWINGS
CF-34	INTERIOR ROOF LADDER AND ROOF SCUTTLE ABOVE, SEE DETAILS D1 & D2 ON SHEET A1.1-CW.
CF-36	UNIT HEATER, REFER TO MECHANICAL DRAWINGS
CF-37	TRAFFIC RATED SAND/OIL INTERSEPTOR, REFER TO CIVIL AND MEP PLANS.

### GENERAL NOTES

- CONCRETE FLOOR SLAB IN WASH BAY TO HAVE BROOM FINISH WITH BROOM MARKS RUNNING PERPENDICULAR TO THE TRENCH.
- EXTERIOR DIMENSIONS SHOWN ARE TO FACE OF SHEATHING, UNLESS OTHERWISE NOTED. CONCRETE SLAB TO ALIGN WITH FACE OF SHEATHING.

### LEGEND

	6-5/8" STRUCTURAL INSULATED PANEL WALL, SEE SIPS PLANS
	2X6 WOOD STUD WALL, GC TO PROVIDE.
	DOOR TYPE SEE CAR WASH DOOR SCHEDULE, SHEET A4.0-CW
	WINDOW TYPE SEE CAR WASH WINDOW SCHEDULE, SHEET A4.0-CW

NOTE:  
MARK VII EQUIPMENT VENDOR MUST VERIFY THAT ALL REQUIREMENTS FOR EXTERIOR SOUND LIMITS ARE MET PER LOCAL AHJ CRITERIA, INCLUDING THE DRYER.

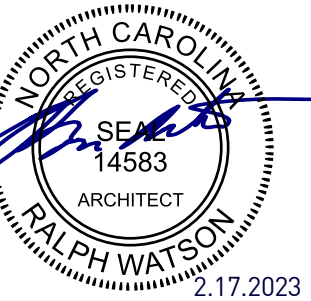
# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

#### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

#### PROFESSIONAL SEAL



#### REVISIONS

ISSUE	DATE
OTF	02/15/23

#### PROFESSIONAL IN CHARGE

RW

#### PROJECT MANAGER

RM

#### QUALITY CONTROL

JS

#### DRAWN BY

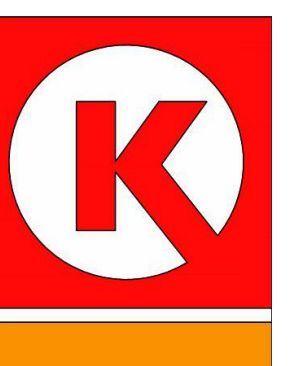
YN

#### PROJECT NAME

**CIRCLE K STORES, INC.  
DET CARWASH  
ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R3.2 12/19/22

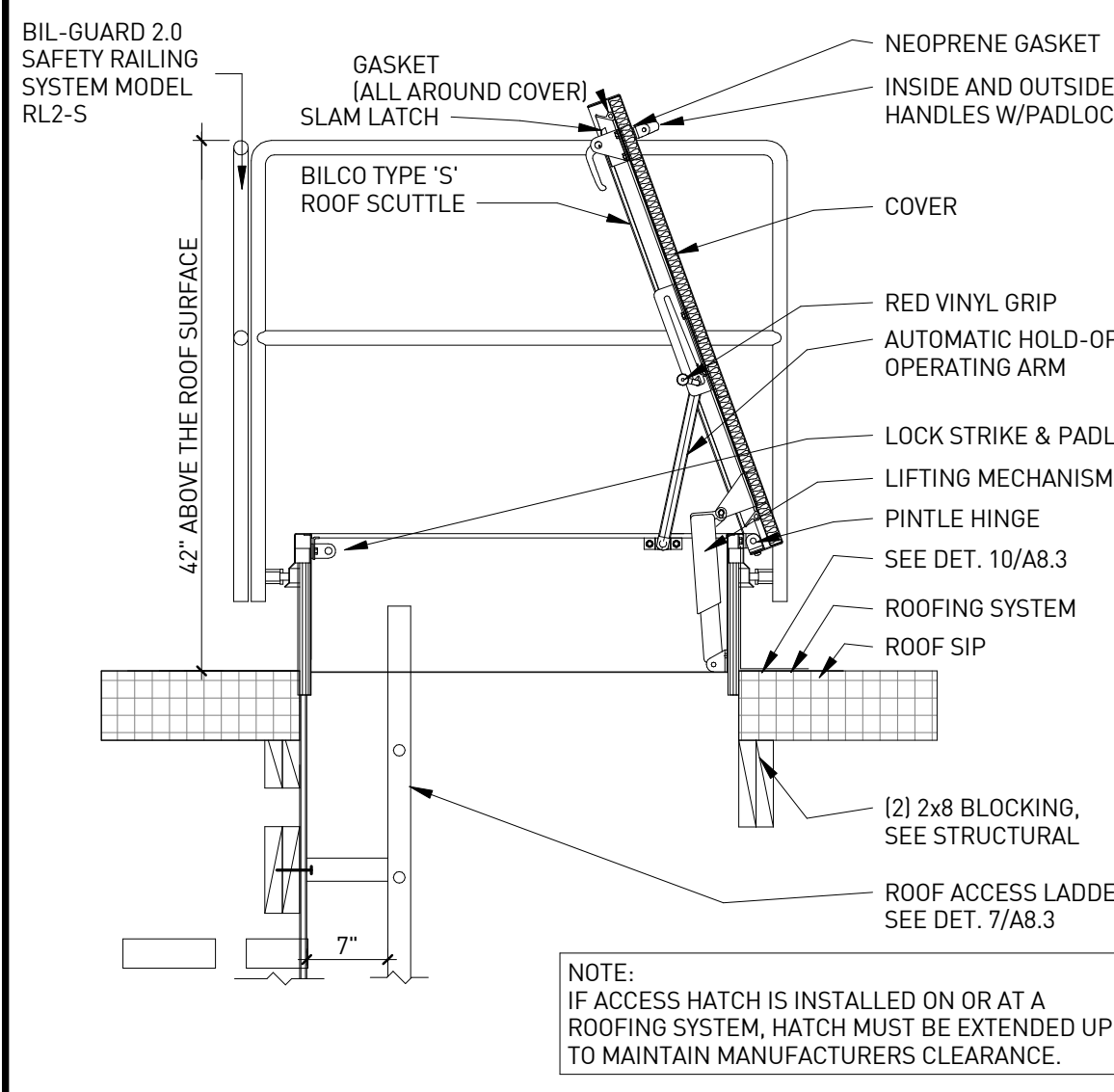


CIRCLE K STORE INC.

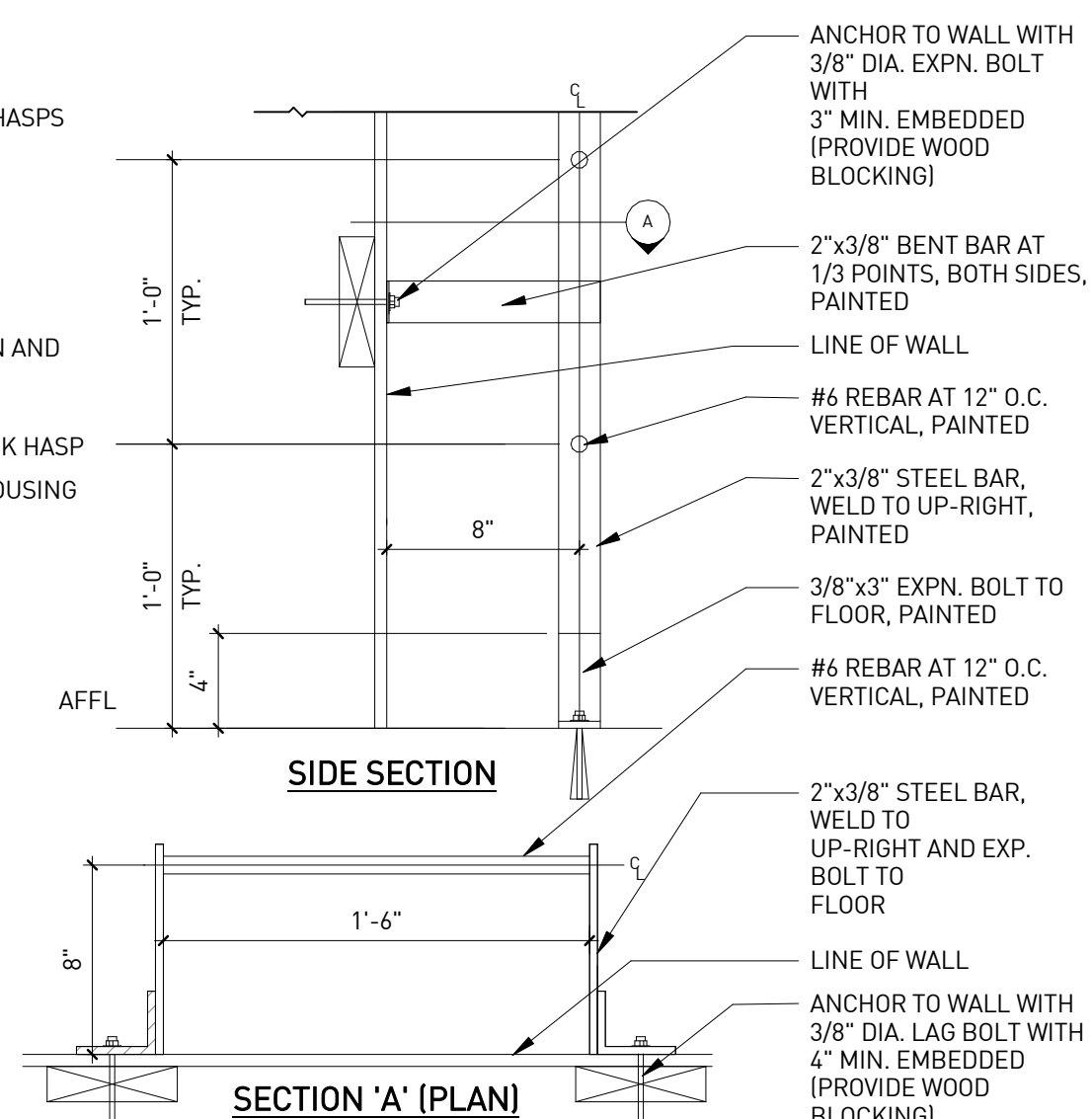
PROJECT NUMBER: 22130

**FLOOR AND REFLECTED CEILING PLAN**

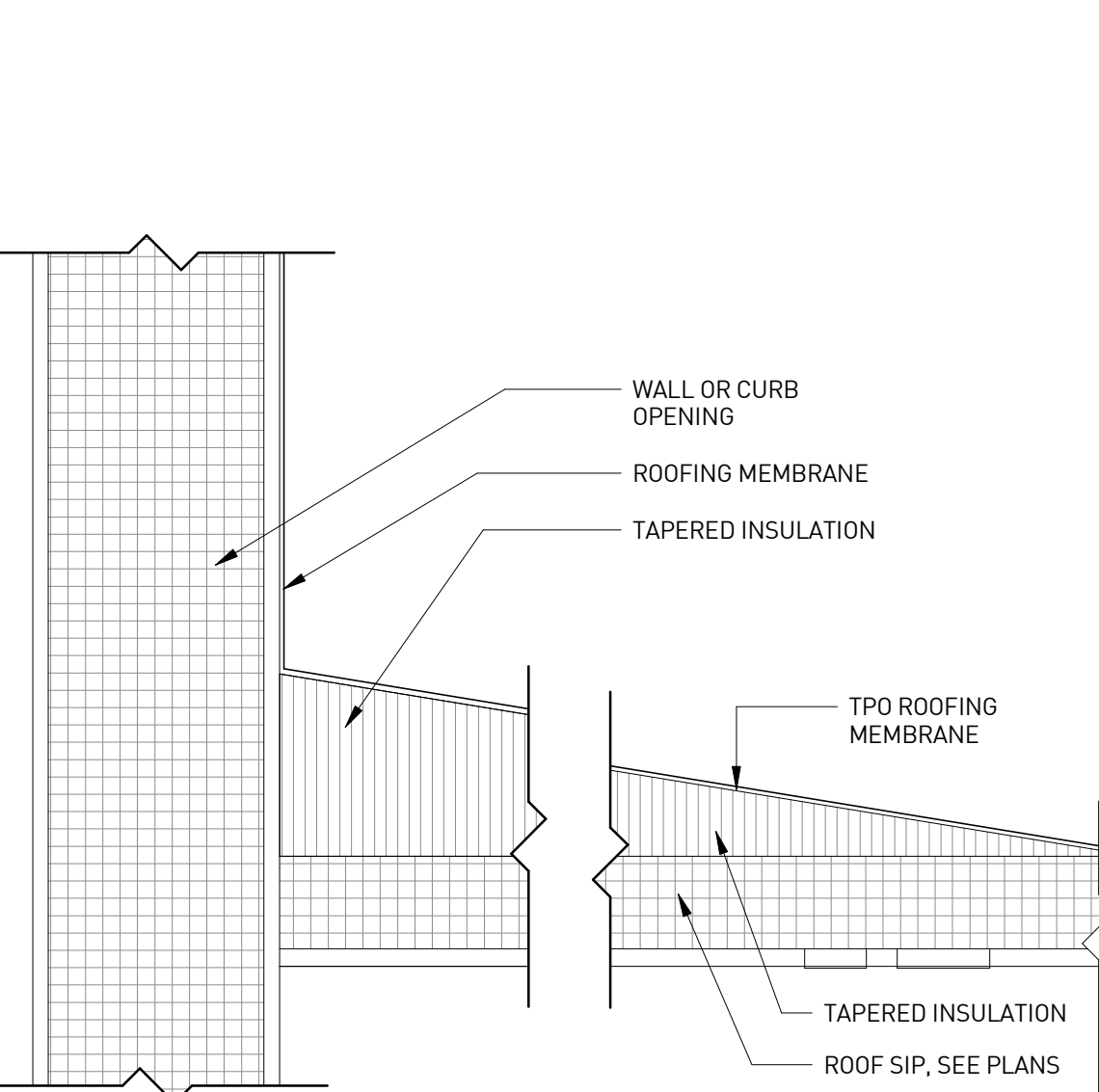
# A1.0-CW



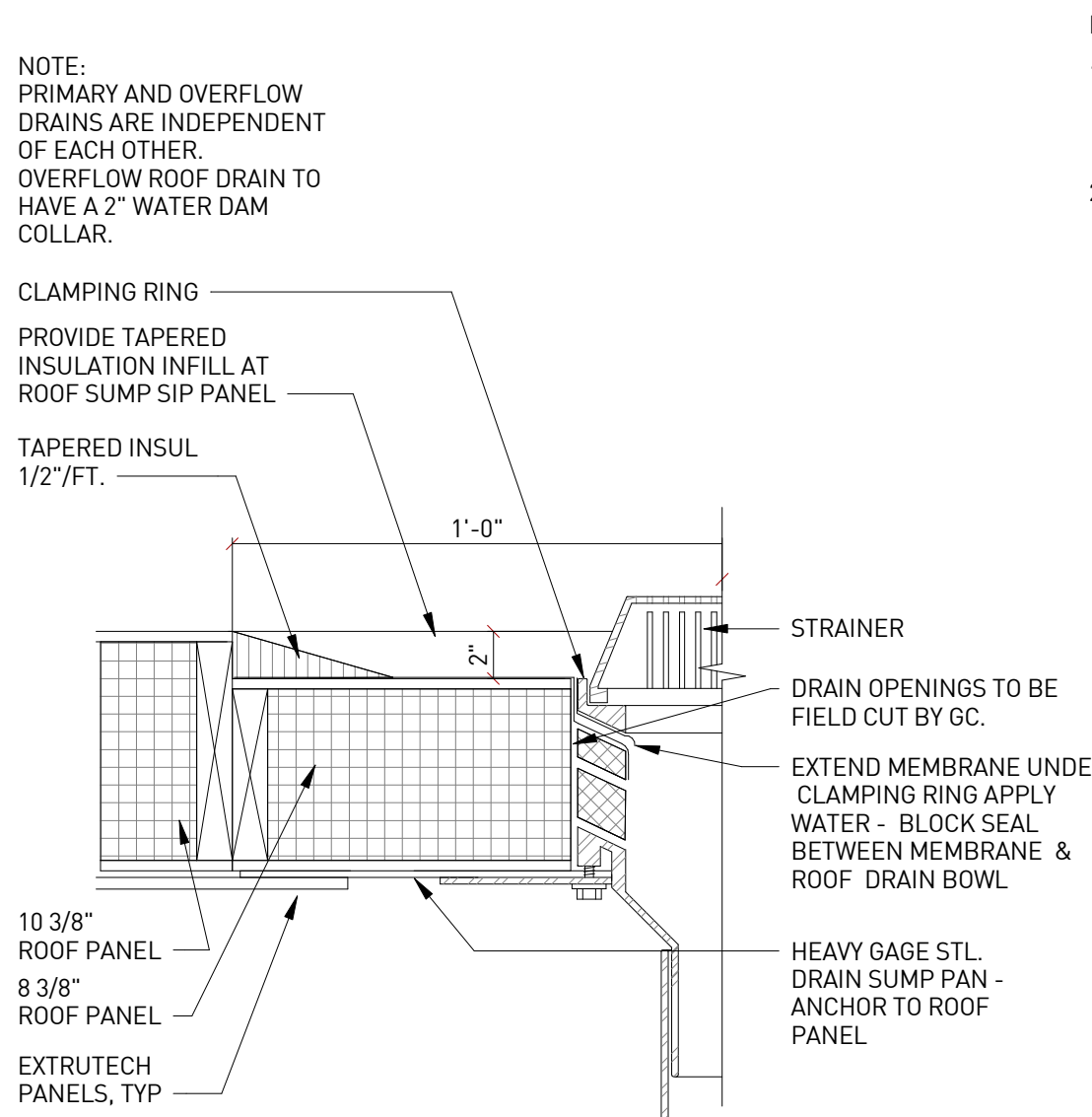
**ROOF SCUTTLE | D1**  
3/4" = 1'-0"



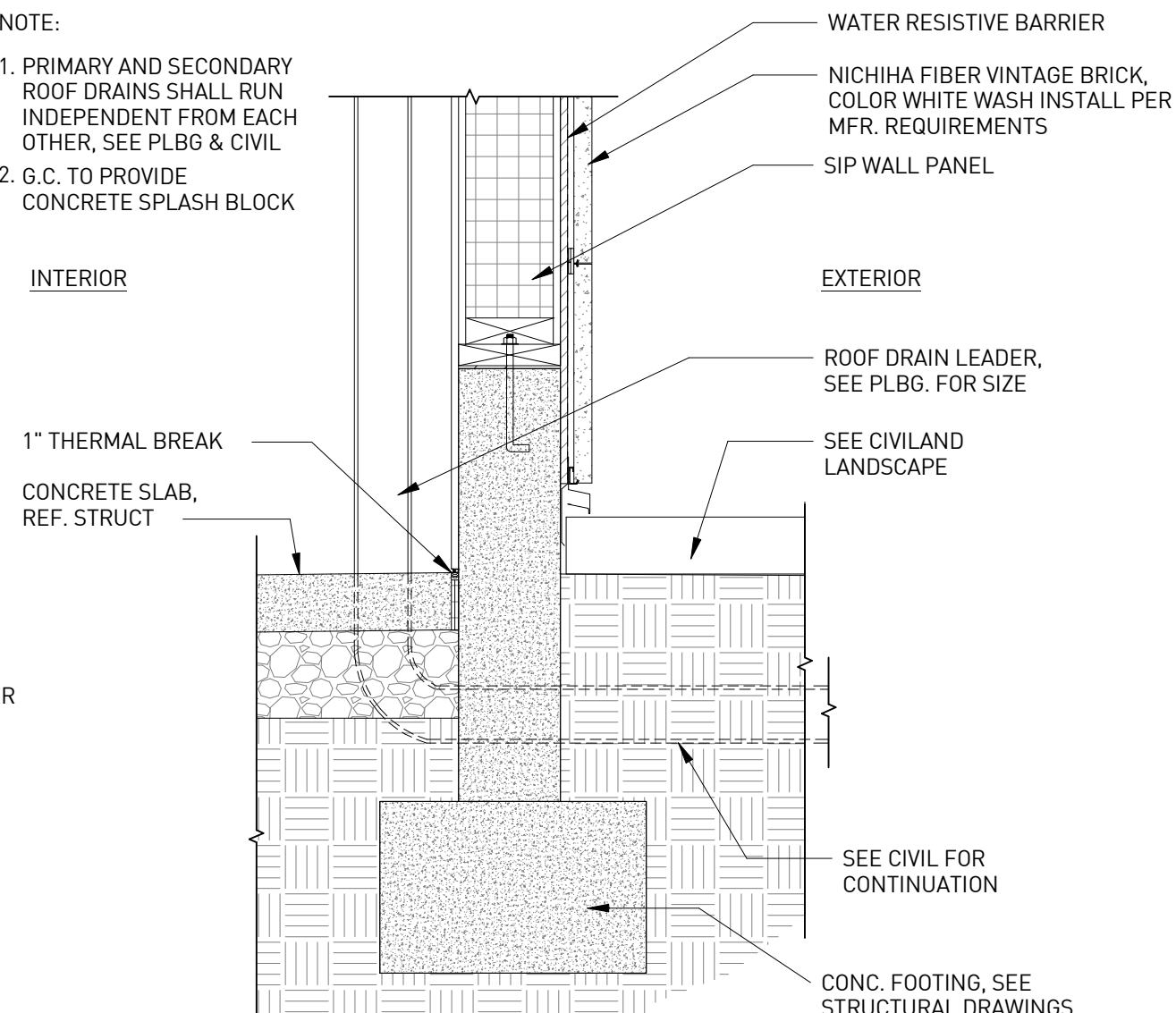
**INT. ROOF ACCESS LADDER | D2**  
1 1/2" = 1'-0"



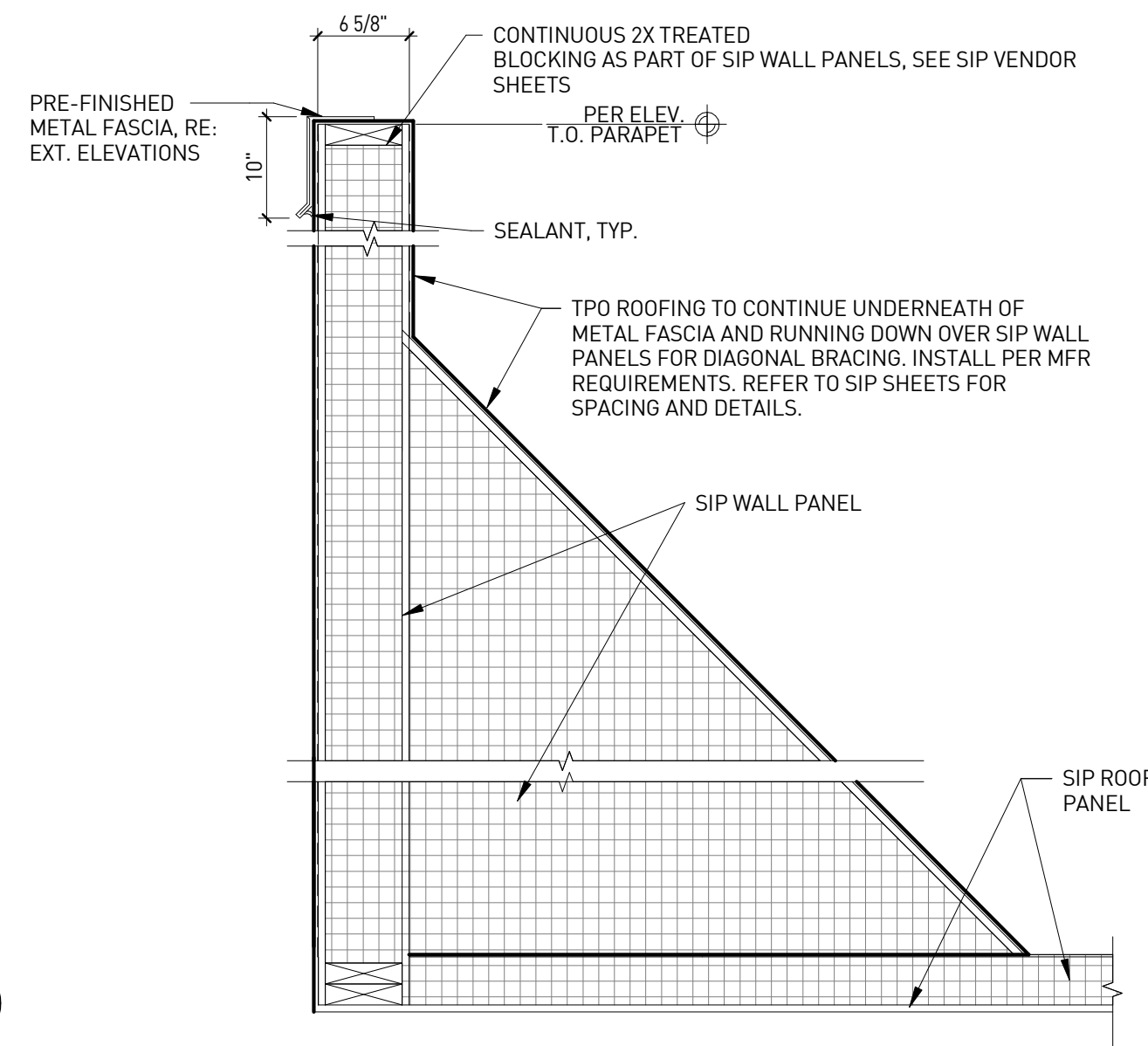
**TAPERED INSULATION CRICKET | D3**  
6" = 1'-0"



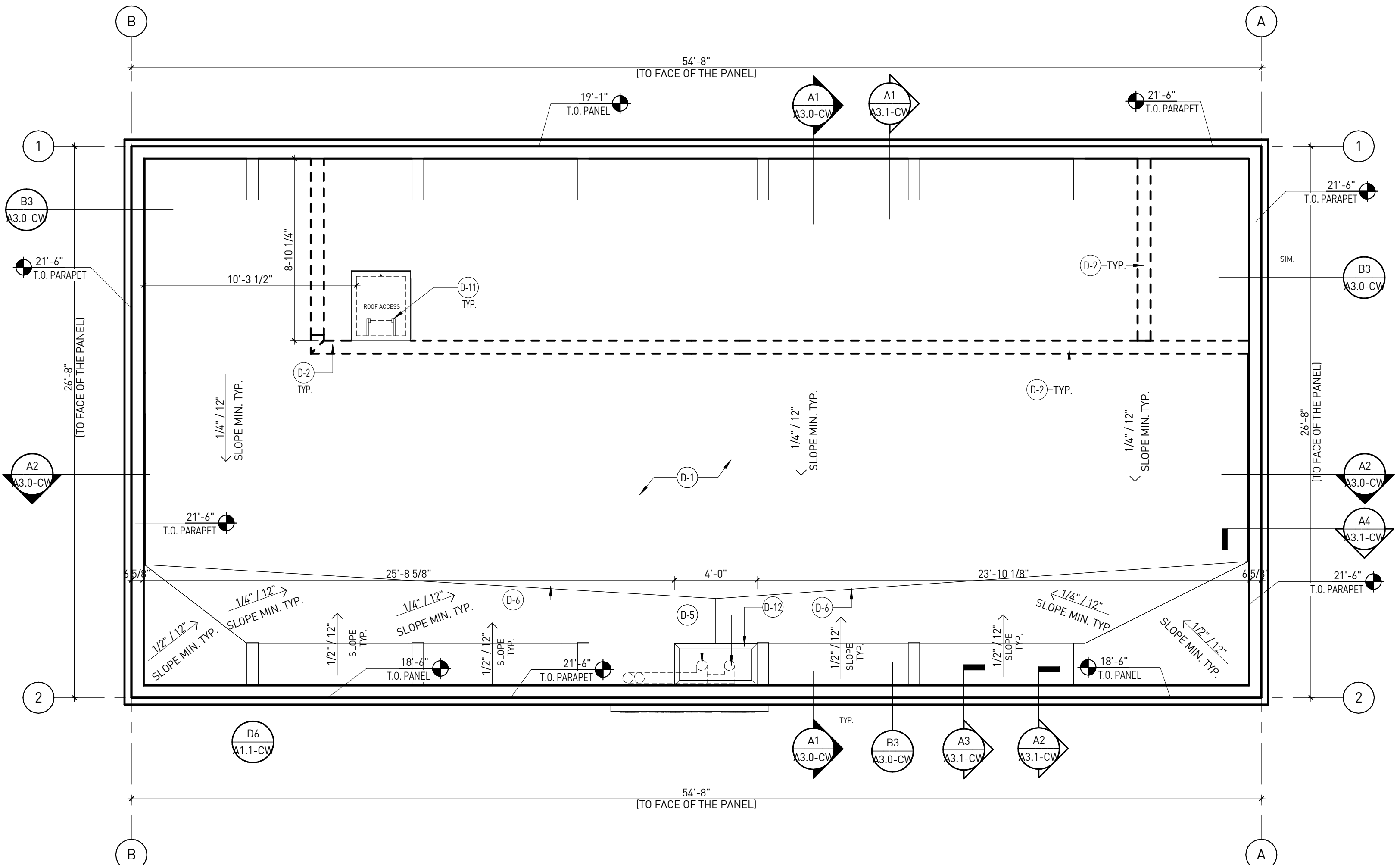
**ROOF DRAIN | D4**  
1 1/2" = 1'-0"



**ROOF PLAN AND ROOF DETAILS | D5**  
1" = 1'-0"



**PARAPET BRACING DETAIL | D6**  
1" = 1'-0"



**ROOF PLAN | 1**  
1/4" = 1'-0"

**ROOF PLAN KEYNOTES**

NUMBER	DESCRIPTION
D-1	TPO (THERMOPLASTIC POLYOLEFIN MEMBRANE) ROOFING SYSTEM SIP ROOF PANEL, WHITE, FULLY ADHERED.
D-2	LINE OF WALL, BELOW (SHOWN DASHED).
D-3	PARAPET METAL FASCIA.
D-5	ROOF DRAIN AND EMERGENCY ROOF DRAIN. SEE DETAIL D4/A1.1-CW
D-6	TAPERED INSULATION DRAINAGE VALLEY CRICKET, MINIMUM SLOPE 1/4" PER FOOT. SEE DETAIL D3/A1.1-CW
D-11	ROOF SCUTTLE. SEE DETAIL D1/A1.1-CW.
D-12	2'-0" X 4'-0" ROOF SIP SUMP PANEL [8 3/8" THICKNESS].

**GENERAL NOTES**

- COORDINATE RTU AND SCREEN WALL LAYOUT COORDINATE WITH SIP VENDOR DRAWING LAYOUT.
- COORDINATE SCREEN WALL LAYOUT WITH ACTUAL MECHANICAL EQUIPMENT SIZES & REQUIRED CLEARANCES.
- COORDINATE ALL ROOF PENETRATIONS FOR ROOF VENTS, FLUES, ETC. W/ MECHANICAL & ELECTRICAL AND SIP VENDOR PLANS.
- FOR PIPE PENETRATION DETAIL, SEE DETAIL D2/A3.2-CW.

**SINGLE PLY ROOFING SPECIFICATION**

- MANUFACTURER: FIRESTONE
  - TPO-60MIL (THERMOPLASTIC POLYOLEFIN MEMBRANE) FULLY ADHERED TPO WHITE ASTM D6878
  - CLASSIFICATION: UL CLASS: A FM CLASS: 1-45 PSF DESIGN MAX. SLOPE 1"
  - DECK: NON-COMBUSTIBLE
  - INSULATION: 10 3/8" ROOF SIP PANEL W/ RIGID INSULATION. R VALUE R-37.9(75F) R-41.3(25F)
  - TAPERED INSULATION: FACTORY TAPERED BOARDS FABRICATED TO PRODUCE SLOPE OF 1/4" PER FOOT. SLOPE TOWARDS DRAIN.
  - CRICKETS: PROVIDE CRICKETS TAPERED. EDGE STRIPS COORDINATE WITH SIP'S VENDOR DRAWINGS.
- AUXILIARY MATERIALS**
- SHEET FLASHING: SAME SHEET AS FIELD SHEET
  - BONDING ADHESIVE: MANUFACTURERS STANDARD BONDING ADHESIVE
  - METAL TERMINATION BARS: PRE-DRILLED STAINLESS STEEL OR ALUMINUM BARS
  - FASTENERS: FACTORY-COATED STEEL FASTENERS AND METAL PLATES MEETING CORROSION-RESISTANCE PROVISIONS OF FMG 4470
  - MISCELLANEOUS: PROVIDE POURABLE SEALER, PREFORMED CONES, PREFORMED INSIDE AND OUTSIDE CORNER FLASHING, T-JOINT COVERS, TERMINATION REGLETS, AND COVER STRIPS.
  - WALK-WAY PADS: FACTORY FORMED, NON-POUROUS, HEAVY-DUTY SLIP RESISTANT PADS OR ROLLS ACCEPTABLE TO MEMBRANE ROOFING SYSTEM MANUFACTURER.
  - ROOF ASSEMBLY SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.
  - PROVIDE PATCH OVER ALL 'T'-LAP JOINTS IN THE ROOF.



11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
OTF	02/15/23

**PROFESSIONAL IN CHARGE**

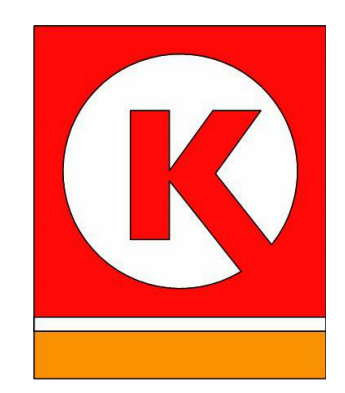
RW  
**PROJECT MANAGER**  
RM  
**QUALITY CONTROL**  
JS  
**DRAWN BY**  
YN

**PROJECT NAME**

**CIRCLE K STORES, INC. DET CARWASH ANGIER, NC**

9706 KENNEBEC CHURCH ROAD, ANGIER, NC 27501

PROTOCOL # R3.2 12/19/22



**CIRCLE K STORE INC.**  
**PROJECT NUMBER: 22130**

**ROOF PLAN AND ROOF DETAILS**

**A1.1-CW**

# KEYNOTES

NUMBER	DESCRIPTION
CE-01	NICHIHA VINTAGE BRICK, WHITE WASH
CE-02	PRE-FINISHED METAL FASCIA
CE-03	FRP WINDOW FRAME W/ GRAY TINTED GLASS WINDOW SYSTEM. PAINT WINDOW FRAME TO MATCH DARK BRONZE
CE-05	INSULATED HOLLOW METAL DOOR (U-0.70)
CE-06	POLYCARBONATE OVERHEAD DOOR, SEE DOOR SCHEDULE.
CE-07	LOGO/ CAR WASH SIGN (SHOWN DASHED) PROVIDED AND INSTALLED BY SIGNAGE VENDOR - SIGNAGE UNDER SEPARATE PERMIT.
CE-08	ADDRESS SIGN NUMBERS, 8" HIGH & 1" CONTRASTING BACKGROUND
CE-09	ACM BAND PANEL PROVIDED & INSTALLED BY SIGNAGE VENDOR
CE-12	LINE OF ROOF
CE-13	ROOF DRAIN, SEE CIVIL DRAWINGS FOR CONTINUATION AND DETAIL DS/A1.1-CW
CE-14	OVERFLOW WITH SHEEP TONGUE, CONTRACTOR TO PROVIDE A CONCRETE SPLASH BLOCK AT THIS DOWNSPOUT LOCATION AT LANDSCAPE AREA
CE-15	PRE-FINISHED ACM PORTAL HEADER. PROVIDE POWER EOR LED LIGHTS AND BACK LIT LETTERS. COORDINATE WITH VENDOR.
CE-16	42"H, 6" DIA. BOLLARD, PAINT TRAFFIC YELLOW
CE-17	ISLAND/ SIDEWALK WITH BROOM FINISH. SLOPED 1/4" PER FT. AWAY FROM BUILDING. REFER TO CIVIL DRAWINGS.
CE-18	PRE-FINISHED ACM ENTRANCE PORTAL LEG W/ TIMER. PROVIDE POWER FOR TIMER. COORDINATE WITH VENDOR.
CE-19	PRE-FINISHED ACM EXIT PORTAL LEG
CE-20	PRE-FINISHED ACM PORTAL LEG
CE-22	WALL MOUNTED LIGHT FIXTURE, COLOR: BRONZE. SEE ELECTRICAL PLAN
CE-24	NICHIHA ESSENTIAL "STARTER" FLASHING



11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

△	ISSUE	DATE
OTF		02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

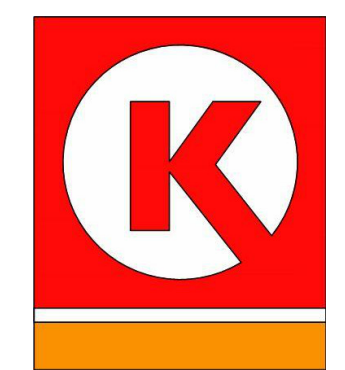
YN

### PROJECT NAME

## CIRCLE K STORES, INC. DET CARWASH ANGIER, NC

9706 KENNEBEC CHURCH ROAD, ANGIER, NC 27501

PROTOCOL # R3.2 12/19/22

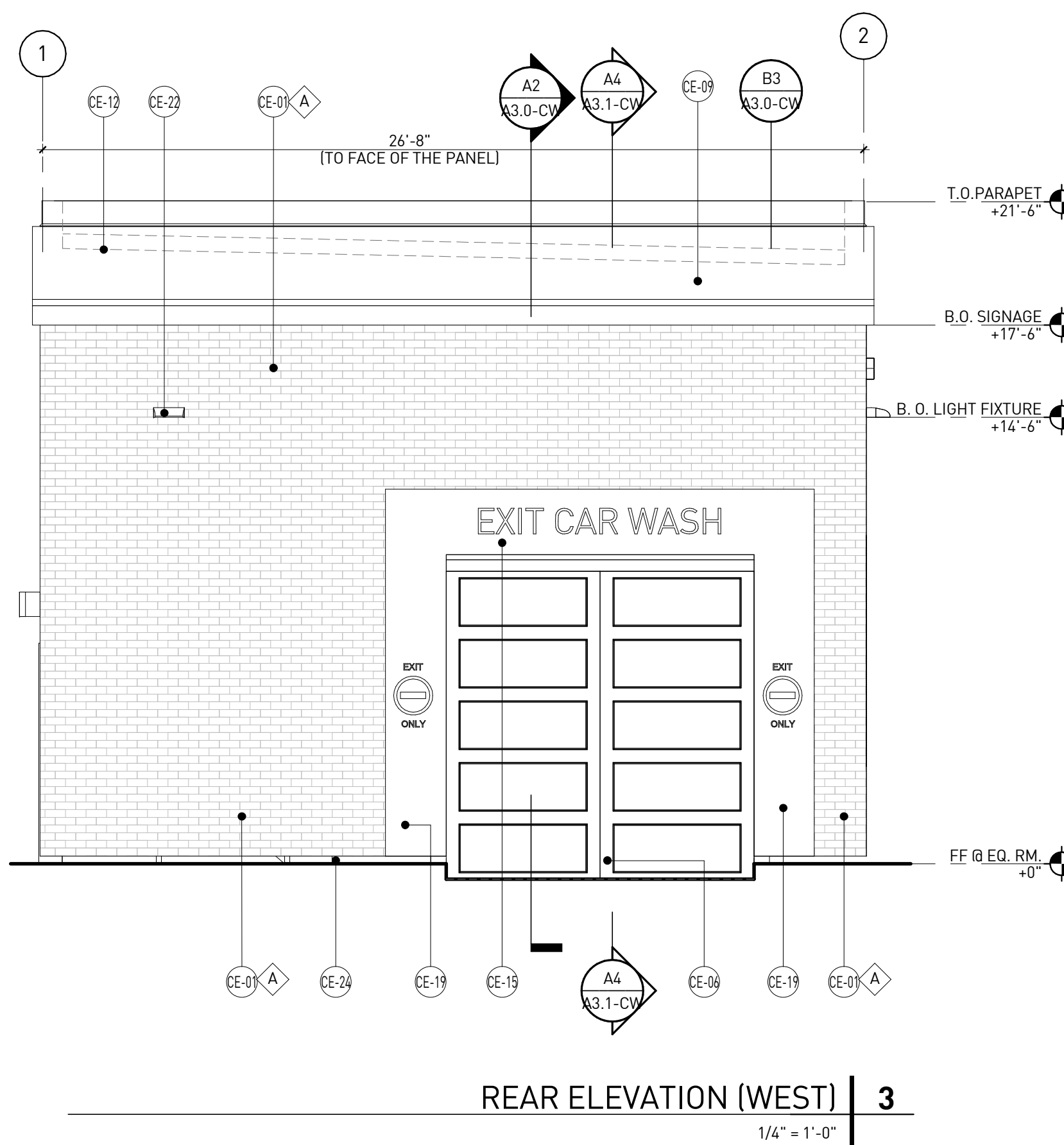


CIRCLE K STORE INC.

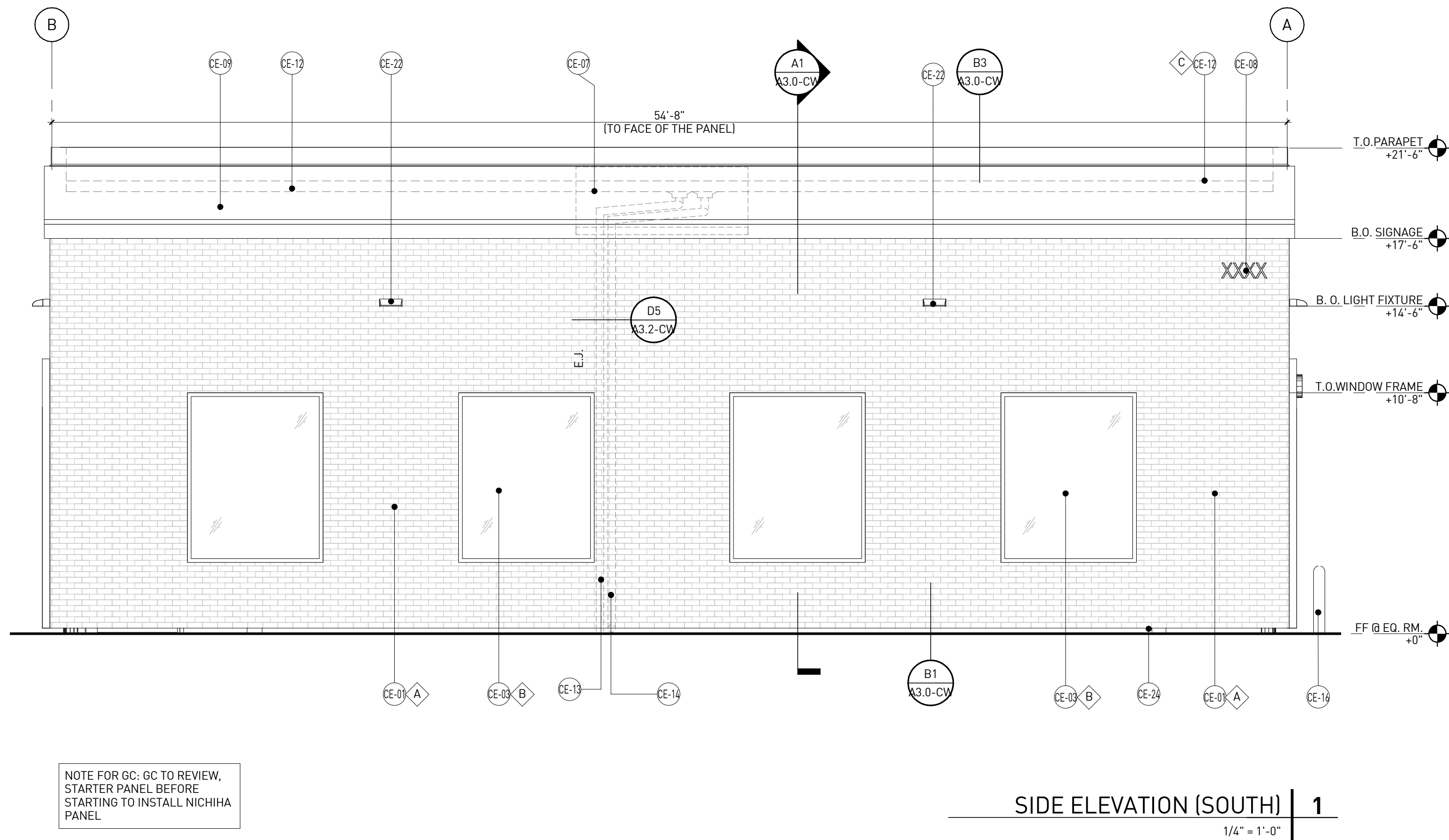
PROJECT NUMBER: 22130

### EXTERIOR ELEVATIONS

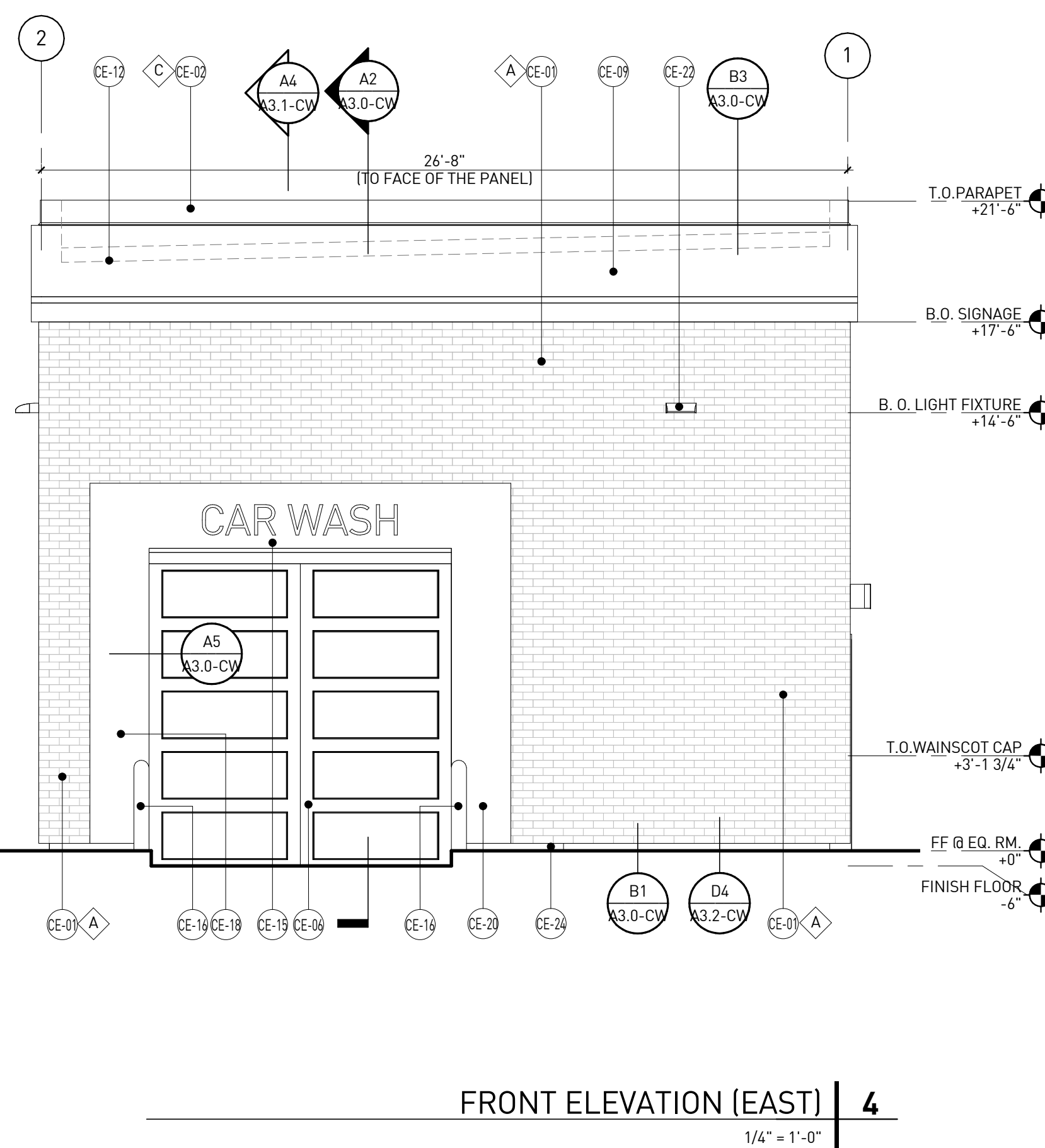
A2.0-CW



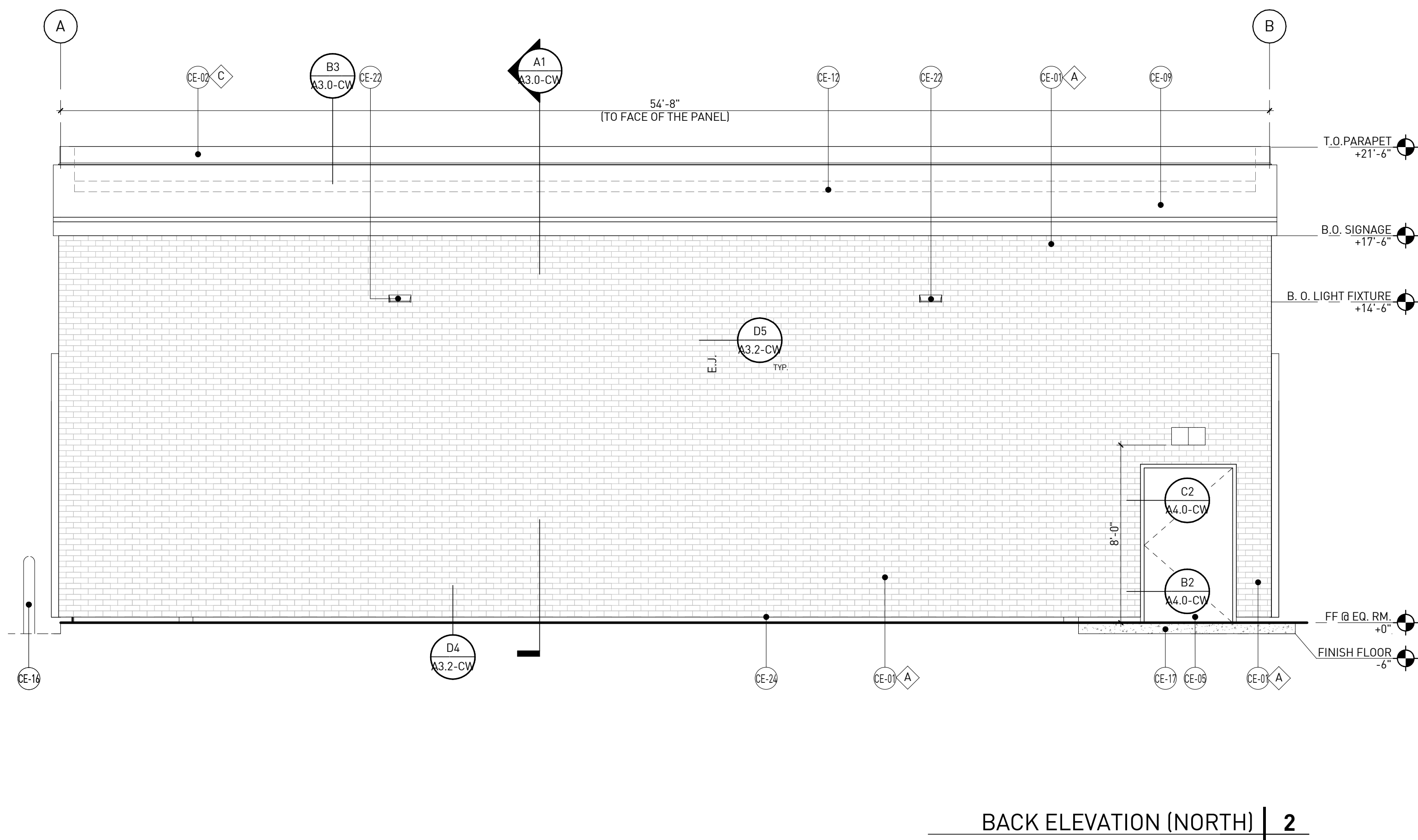
REAR ELEVATION (WEST) | 3  
1/4" = 1'-0"



SIDE ELEVATION (SOUTH) | 1  
1/4" = 1'-0"



FRONT ELEVATION (EAST) | 4  
1/4" = 1'-0"



BACK ELEVATION (NORTH) | 2  
1/4" = 1'-0"

NOTE FOR GC: GC TO REVIEW, STARTER PANEL BEFORE STARTING TO INSTALL NICHIHA PANEL

- A - \*\*\*NICHIHA VINTAGE BRICK, WHITE WASH
  - B - 1" INSULATED, DOUBLE PANED GRAY TINTED GLASS
  - C - SHERWIN WILLIAMS #SW 6090 - JAVA (USE FOR PRE-FINISHED METAL FASCIA, GUTTER, DOWNSPOUT, & CORNICE)
  - D - \*SHERWIN WILLIAMS #SW 4081 - \*\*SAFETY RED
  - E - \*SHERWIN WILLIAMS #SW 7005 - CIRCLE K WHITE
  - F - SHERWIN WILLIAMS #SW 6095 TOASTY
- \*USE SHERWIN WILLIAMS MANUFACTURE ONLY  
\*\*COLOR TO BE PRE ORDERED TO ENSURE AVAILABILITY AT TIME OF CONSTRUCTION  
\*\*\*COORDINATE WITH OWNER'S REP



**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional

**PROFESSIONAL SEAL**



**REVISIONS**

ISSUE	DATE
△	02/15/23
OTF	

**PROFESSIONAL IN CHARGE**

RW

**PROJECT MANAGER**

RM

**QUALITY CONTROL**

JS

**DRAWN BY**

YN

**PROJECT NAME**

**CIRCLE K STORES, INC.  
DET CARWASH  
ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

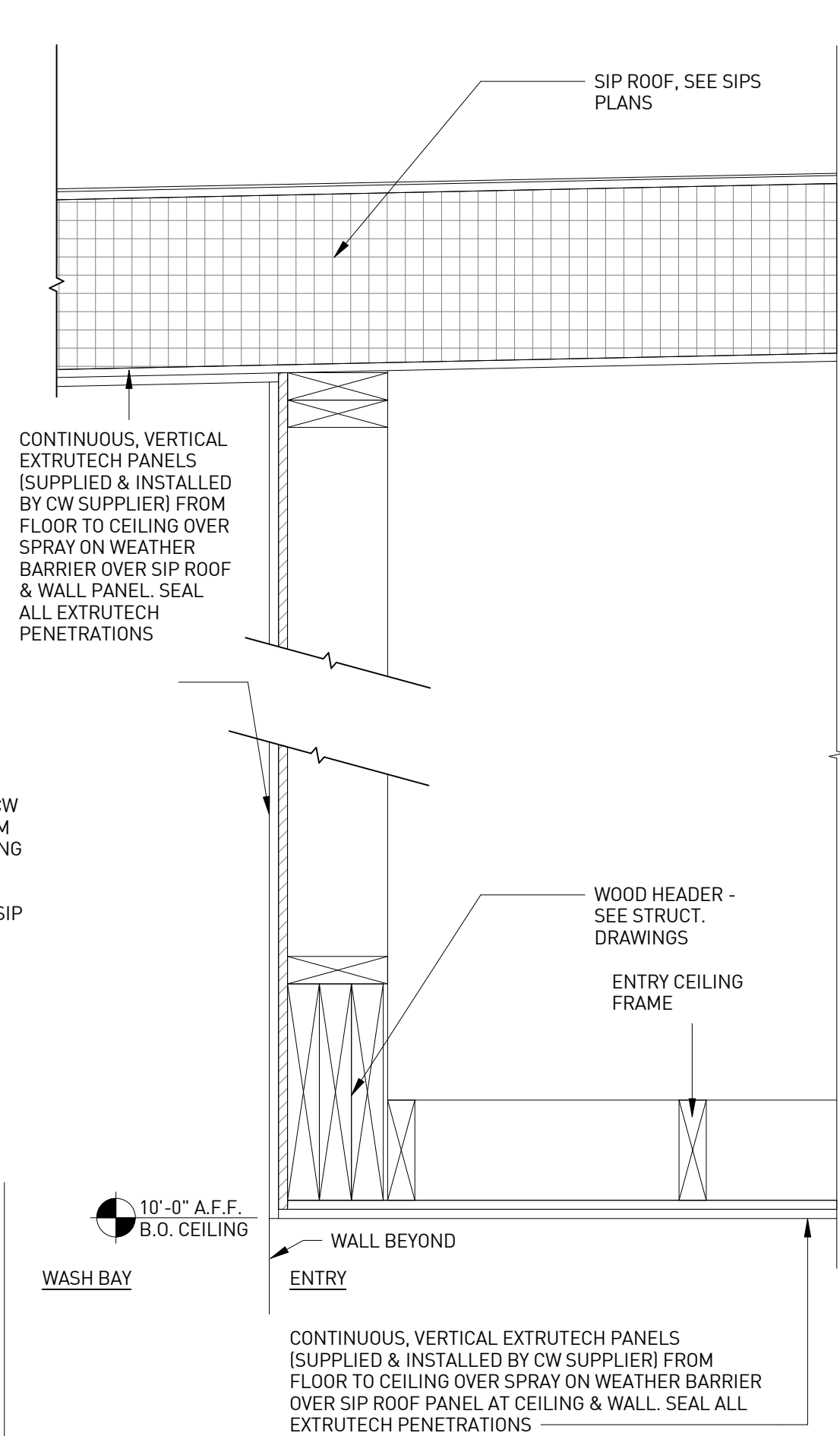
PROTOCOL # R3.2 12/19/22



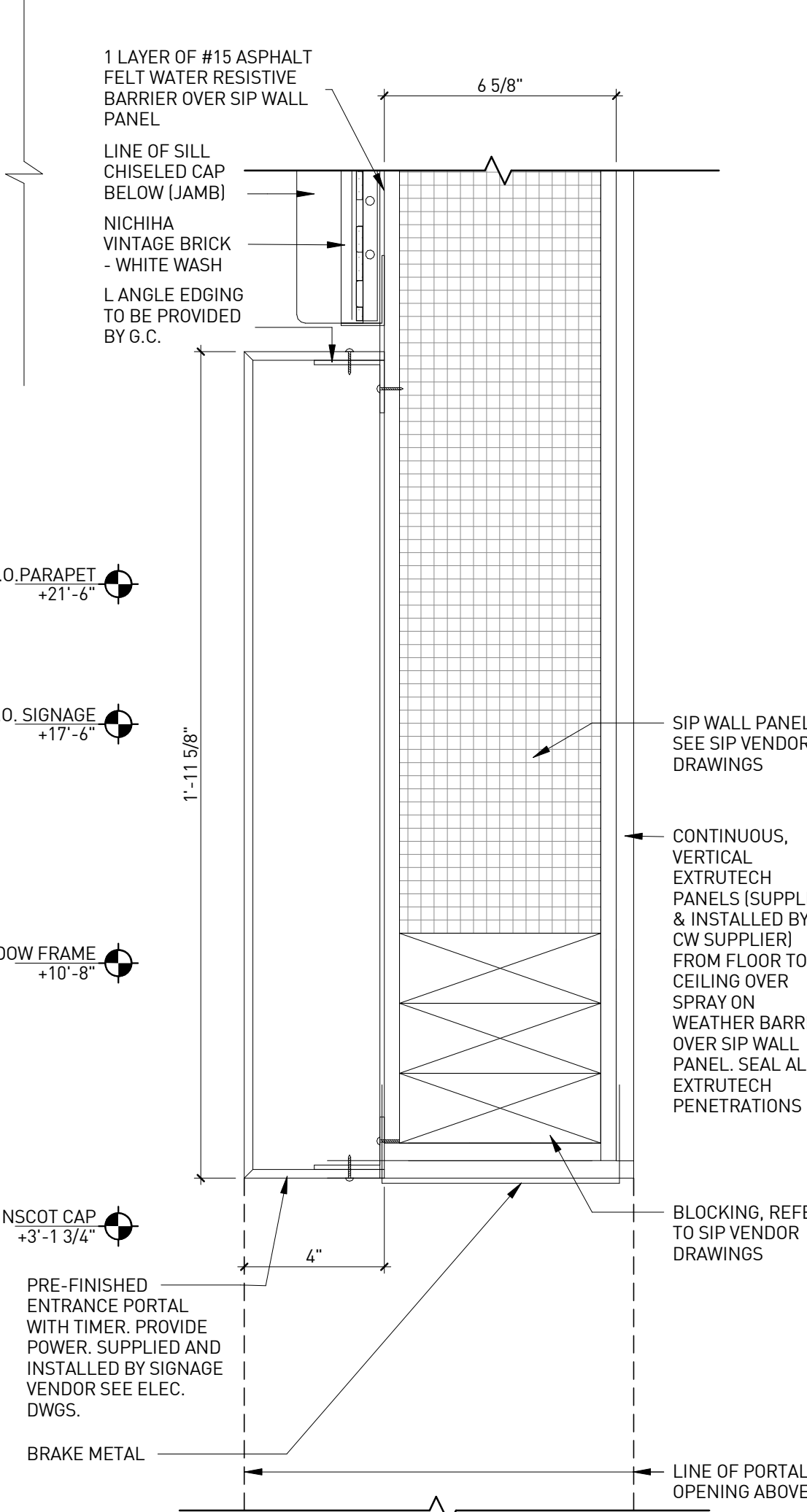
CIRCLE K STORE INC.

PROJECT NUMBER: 22130

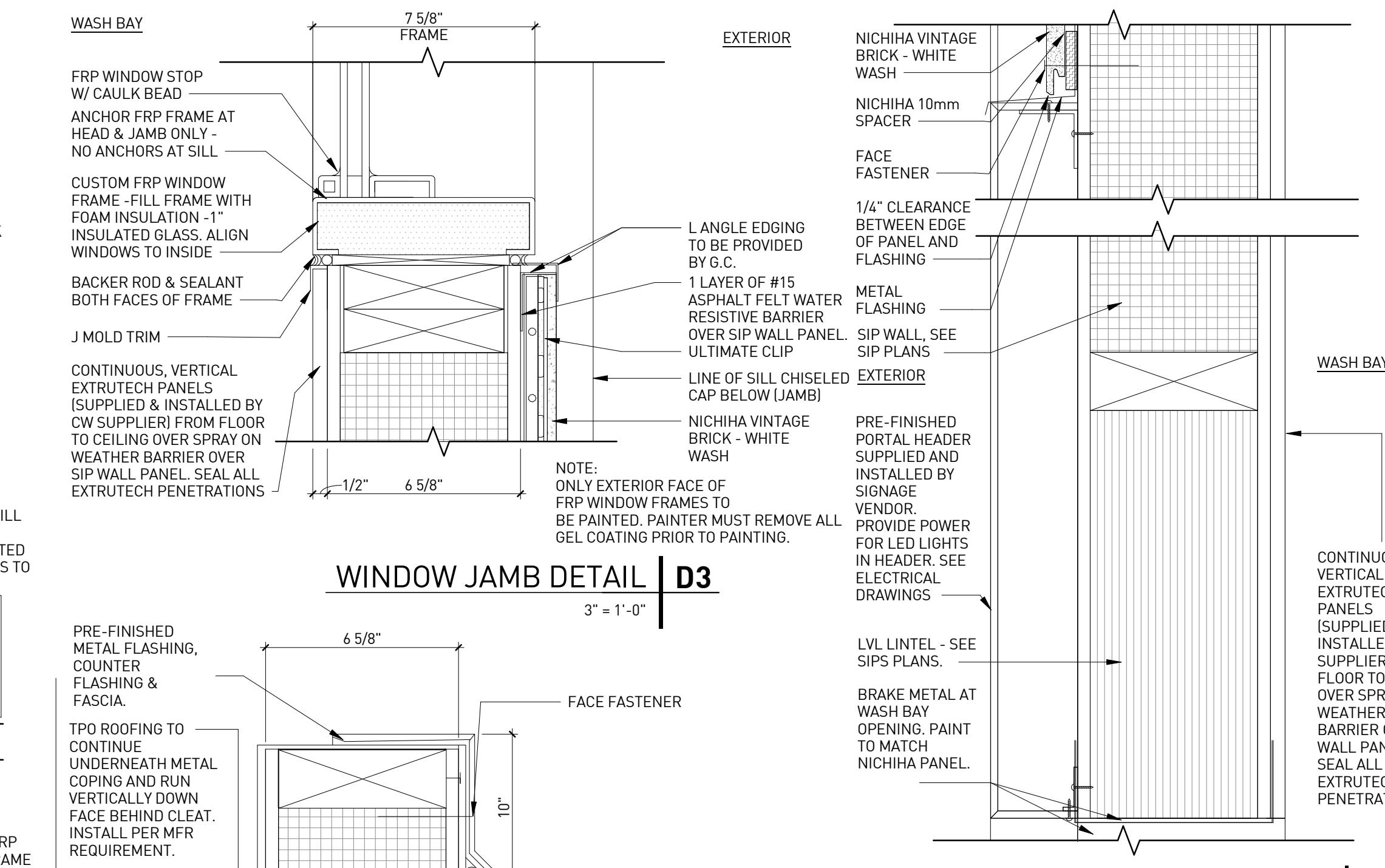
**BUILDING SECTIONS AND DETAILS**



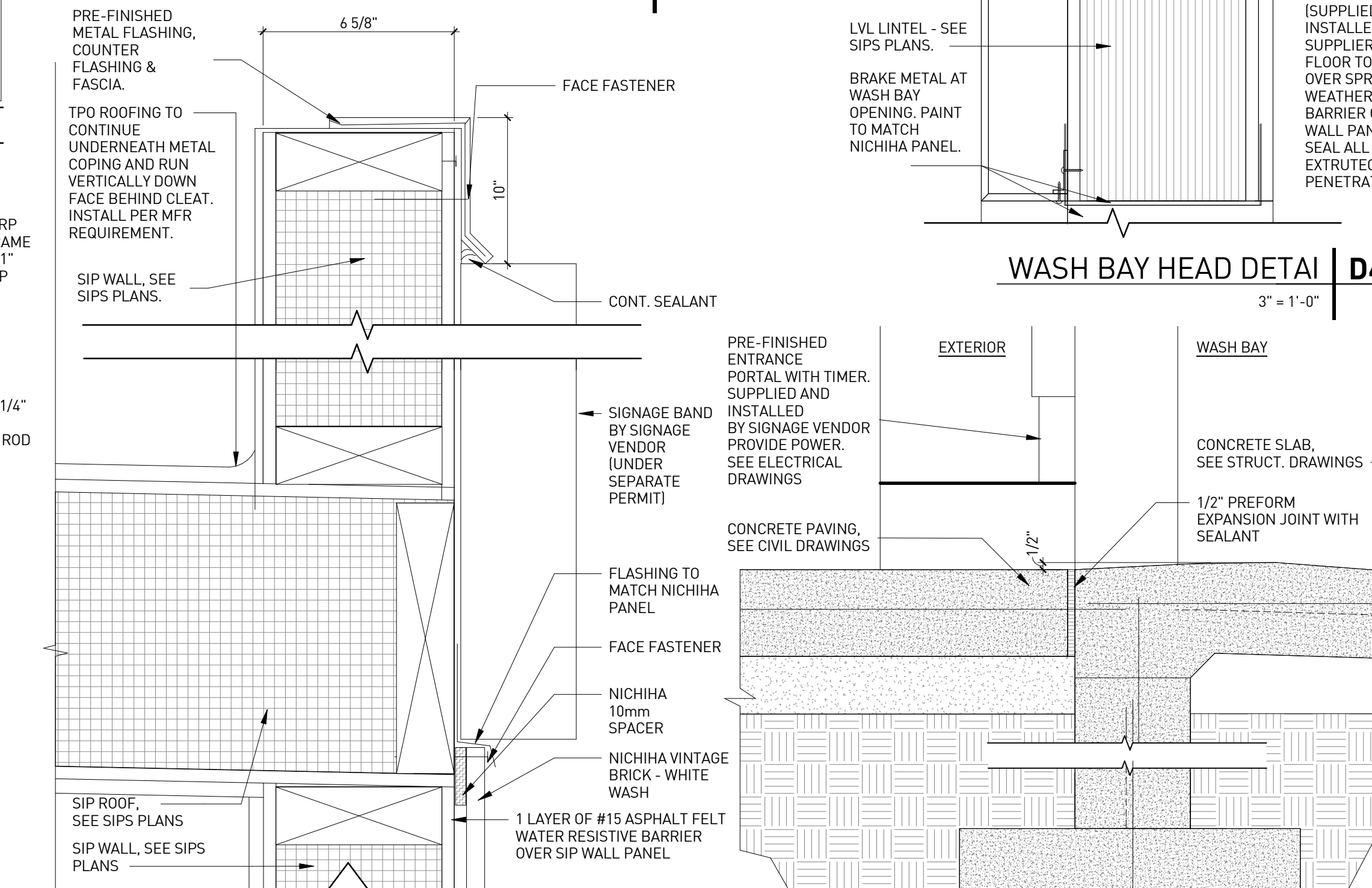
**CAR WASH VESTIBULE SECTION | C5**  
1 1/2" = 1'-0"



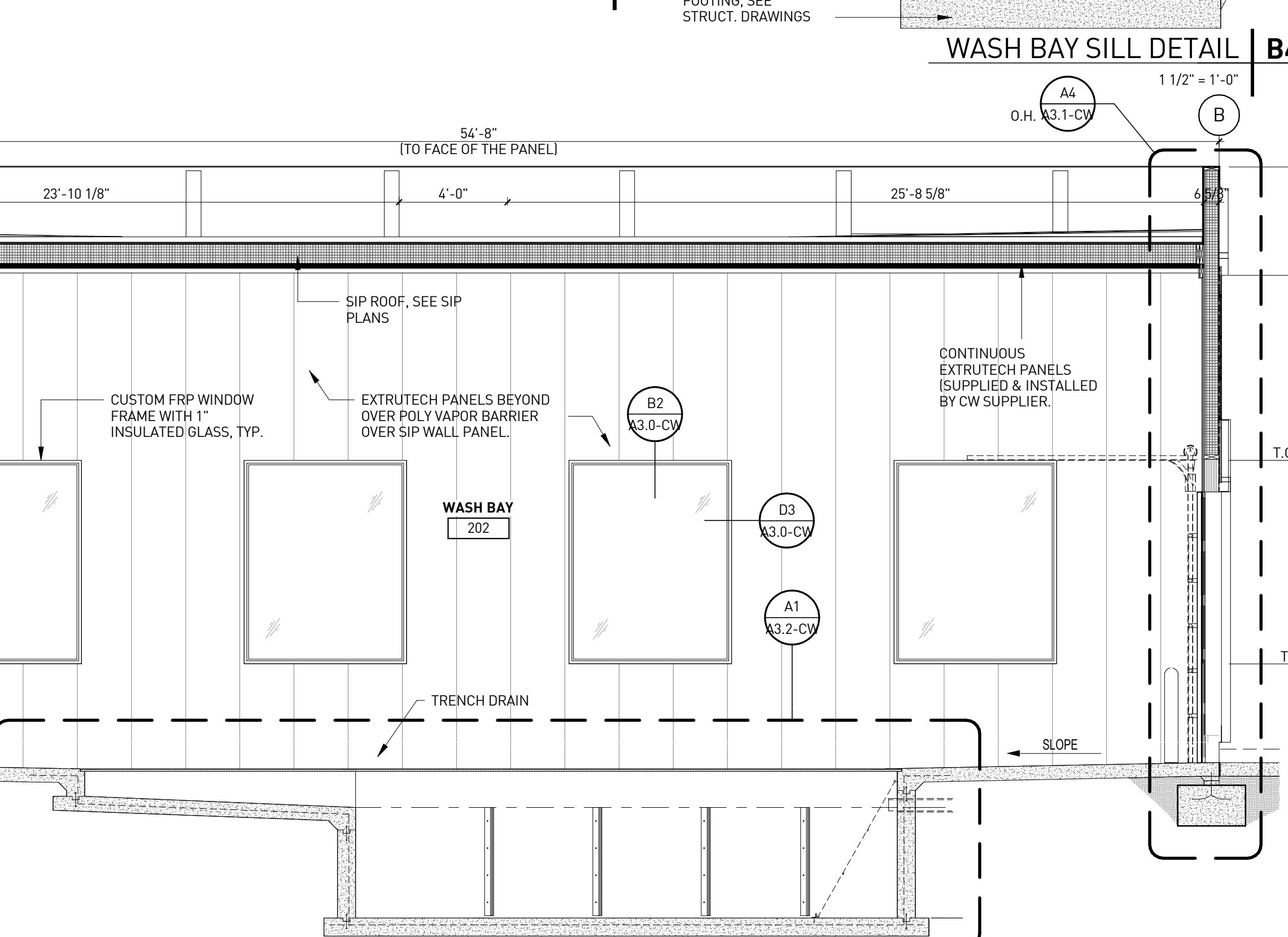
**WASHBAY ENTRANCE JAMB DETAIL | A5**  
3" = 1'-0"



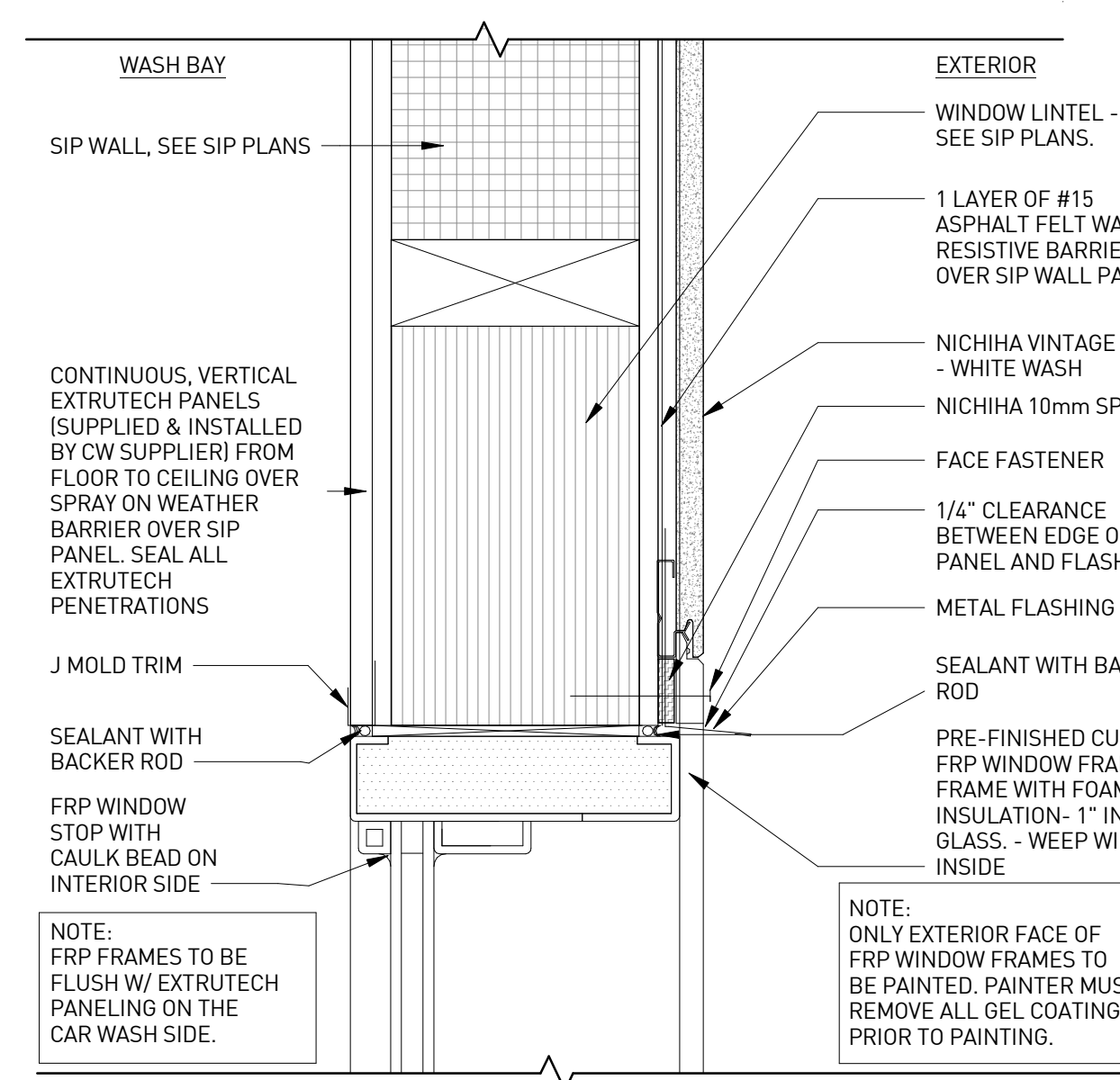
**WINDOW JAMB DETAIL | D3**  
3" = 1'-0"



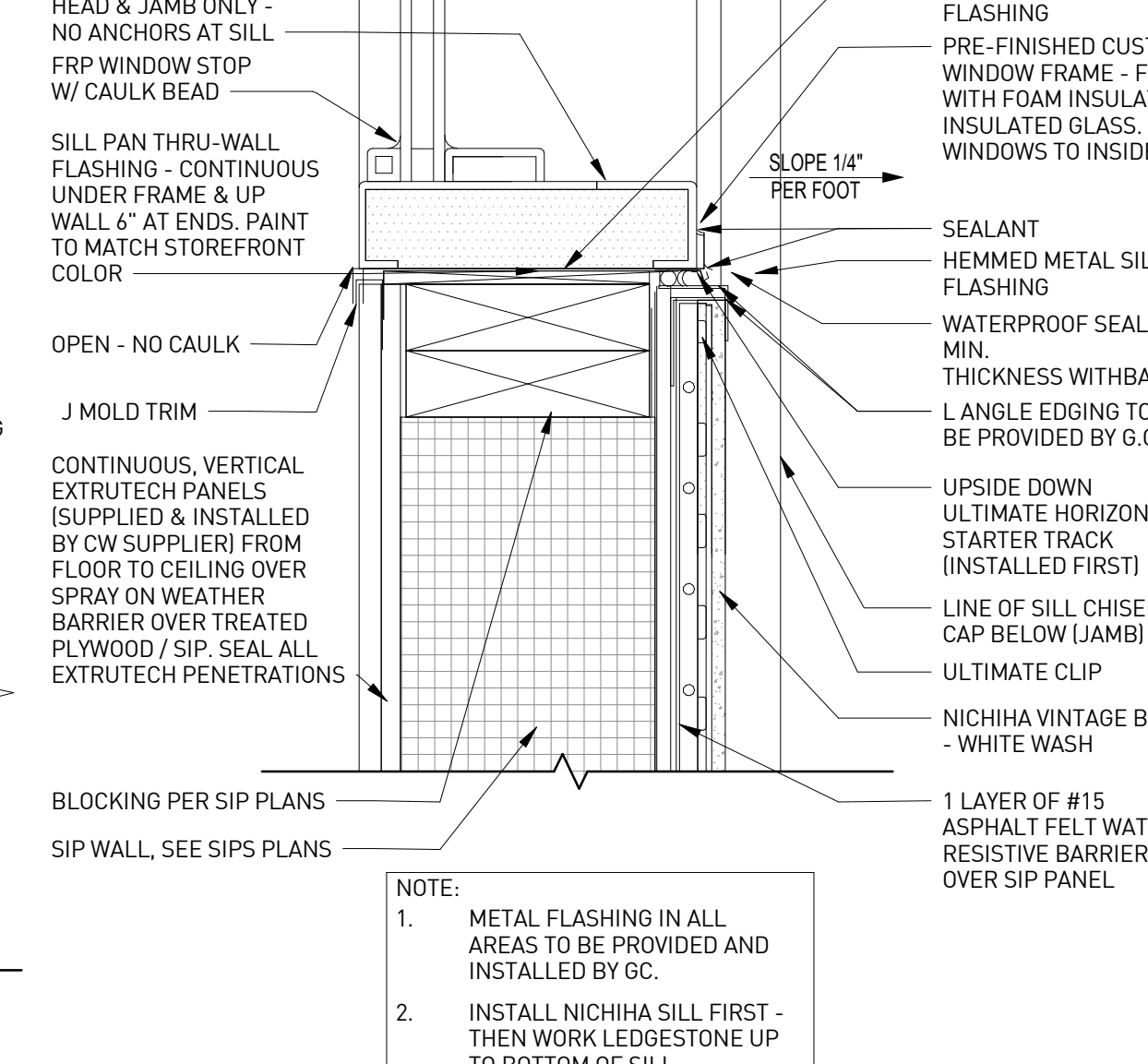
**PARAPET DETAIL | B3**  
3" = 1'-0"



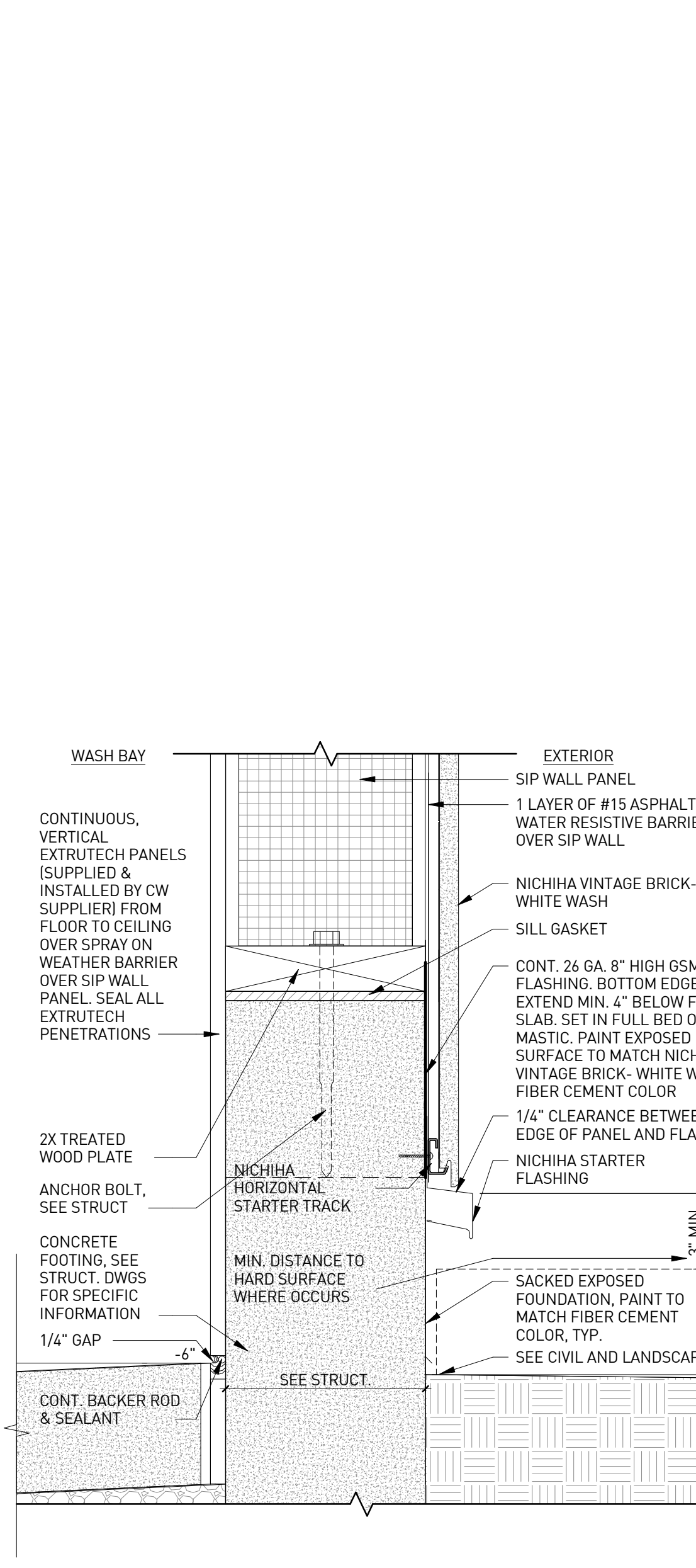
**BUILDING SECTION | A2**  
1/4" = 1'-0"



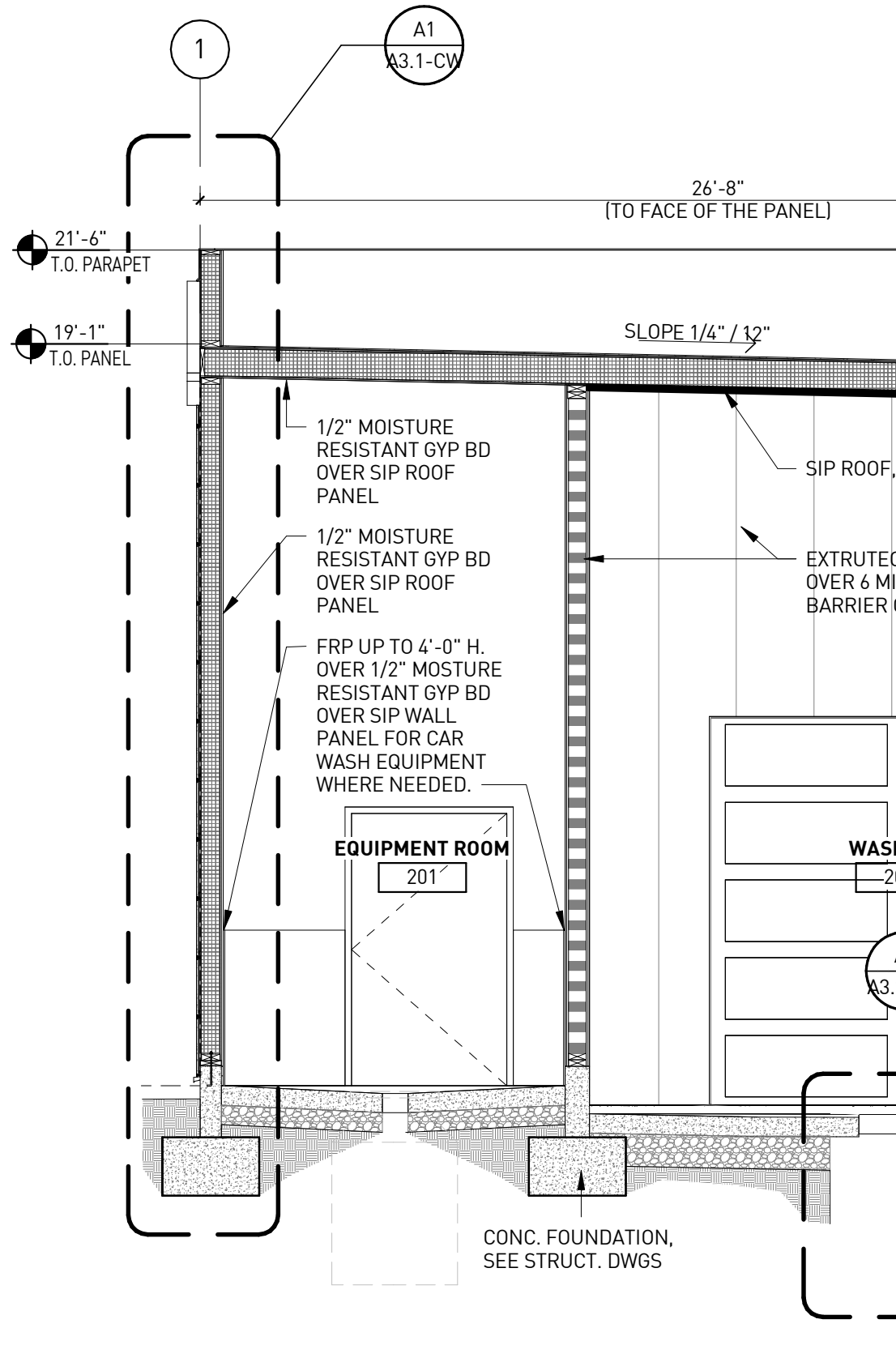
**WINDOW HEAD/ SILL DETAIL | B2**  
3" = 1'-0"



**WINDOW HEAD/ SILL DETAIL | B2**  
3" = 1'-0"



**EXT. WALL BASE DTL @WASH BAY | B1**  
3" = 1'-0"



**BUILDING SECTION | A1**  
1/4" = 1'-0"

# KEYNOTES

NUMBER	DESCRIPTION
H-01	PREFINISHED GALVANIZED METAL FASCIA
H-03	1/2" EXPANSION JOINT MATERIAL
H-04	6" DIA. BOLLARD WITH PLASTIC COVER.
H-05	FRP UP TO 4'-0" H. REFER TO FINISH SCHEDULE FOR MORE INFORMATION.
H-06	CIRCLE K ACM BAND PANEL PROVIDED & INSTALLED BY SIGNAGE VENDOR (UNDER SEPARATE PERMIT), SHOWN DASHED
H-07	TPO ROOFING SYSTEM OVER SIP ROOF PANELS. SEE SIP & ROOF PLAN FOR R-VALUE.
H-09	CONCRETE FOOTING. SEE STRUCTURAL DRAWINGS.
H-10	POLYCARBONATE OVERHEAD DOOR BEYOND.
H-11	2X6 LEDGER. REFER SIP'S PANEL VENDOR DRAWINGS.
H-12	CONCRETE SLAB. SEE STRUCTURAL FOR REINFORCING.
H-13	CONTINUOUS, VERTICAL EXTRUTECH PANELS (SUPPLIED & INSTALLED BY CW SUPPLIER) FROM FLOOR TO CLG. OVER 6 MIL POLY VAPOR BARRIER. REFER TO FINISH SCHEDULE FOR MORE INFORMATION.
H-14	CONTINUOUS EXTRUTECH PANELS (SUPPLIED & INSTALLED BY CW SUPPLIER) OVER SPRAY ON WEATHER BARRIER. REFER TO SIP VENDOR DRAWINGS.
H-15	NICHIHA WATERABLE CAPSHEET
H-16	PRE-FINISHED ENTRANCE PORTAL WITH TIMER SUPPLIED AND INSTALLED BY SIGNAGE VENDOR PROVIDE POWER FOR TIMER. SEE ELEC. DWGS.
H-18	PRE-FINISHED PORTAL HEADER SUPPLIED AND INSTALLED BY SIGNAGE VENDOR. PROVIDE POWER FOR LED LIGHTS IN HEADER. SEE ELEC.
H-20	5/8" THK X 17 7/8" H X 71 9/16" L NICHIHA VINTAGE BRICK. WHITE WASH WALL PANEL SYSTEM PER MANUFACTURER SPECIFICATIONS OVER FELT WATER RESISTIVE BARRIER.
H-21	EXTEND TPO ROOFING OVER TOP OF WALL TO UNDERSIDE OF METAL COPING.
H-23	R-23.3/R-25.4 SIP WALL PANEL. SEE SIP PLANS
H-24	BRAKE METAL AT WASH BAY OPENING. PAINT TO MATCH NICHIHA PANEL.
H-26	CONCRETE APRON ON 6" COMPACTED SAND - SEE STRUCTURAL.
H-27	LVL LINTEL. SEE SIP'S PANELS. DETAIL D4/A3.0-CW
H-28	PARAPET BEYOND
H-29	CUSTOM FRP WINDOW FRAME WITH INSULATED GLASS, FILL FRAME W/ FOAM INSULATION BEFORE INSTALLING SEALANT, PAINT EXTERIOR FACE OF FRAME ONLY. PAINT PER EXTERIOR ELEVATIONS.
H-30	NICHIHA STARTER TRACK & STARTER FLASHING
H-37	1/2" MOISTURE RESISTANT GYP BD OVER SIP WALL PANEL.
H-38	1/2" MOISTURE RESISTANT GYP BD OVER SIP ROOF PANEL.

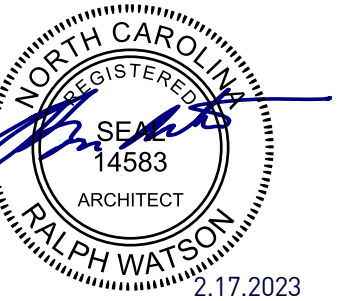
# rdc.

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTF	02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

YN

### PROJECT NAME

**CIRCLE K STORES, INC.  
DET CARWASH  
ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R3.2 12/19/22

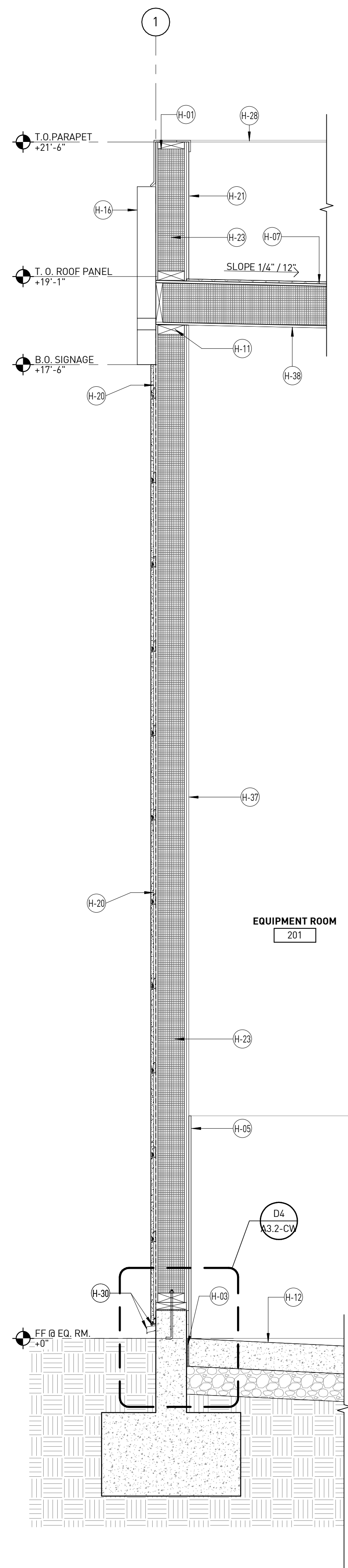


CIRCLE K STORE INC.

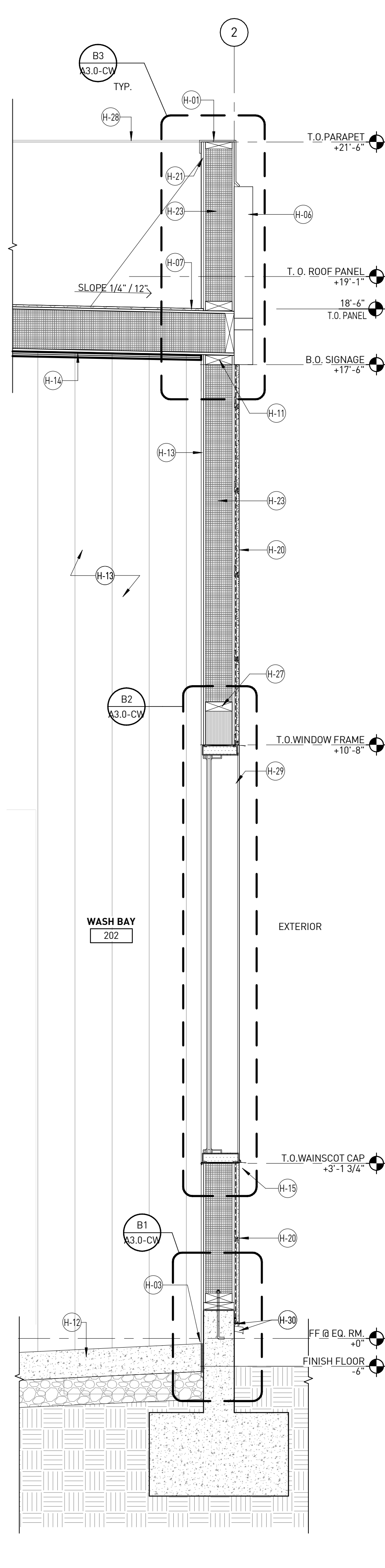
PROJECT NUMBER: 22130

### WALL SECTIONS

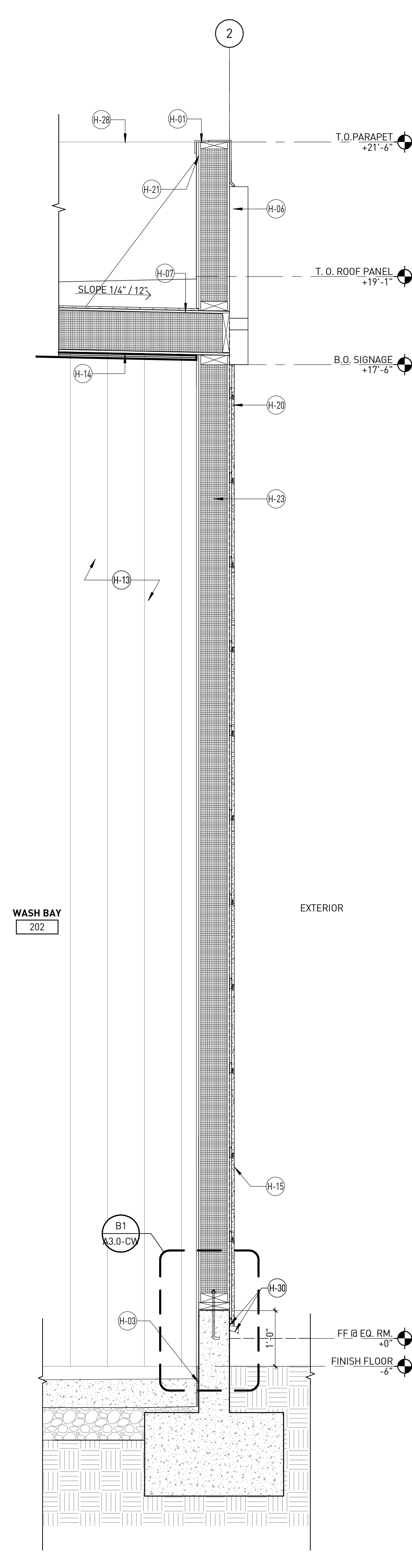
# A3.1-CW



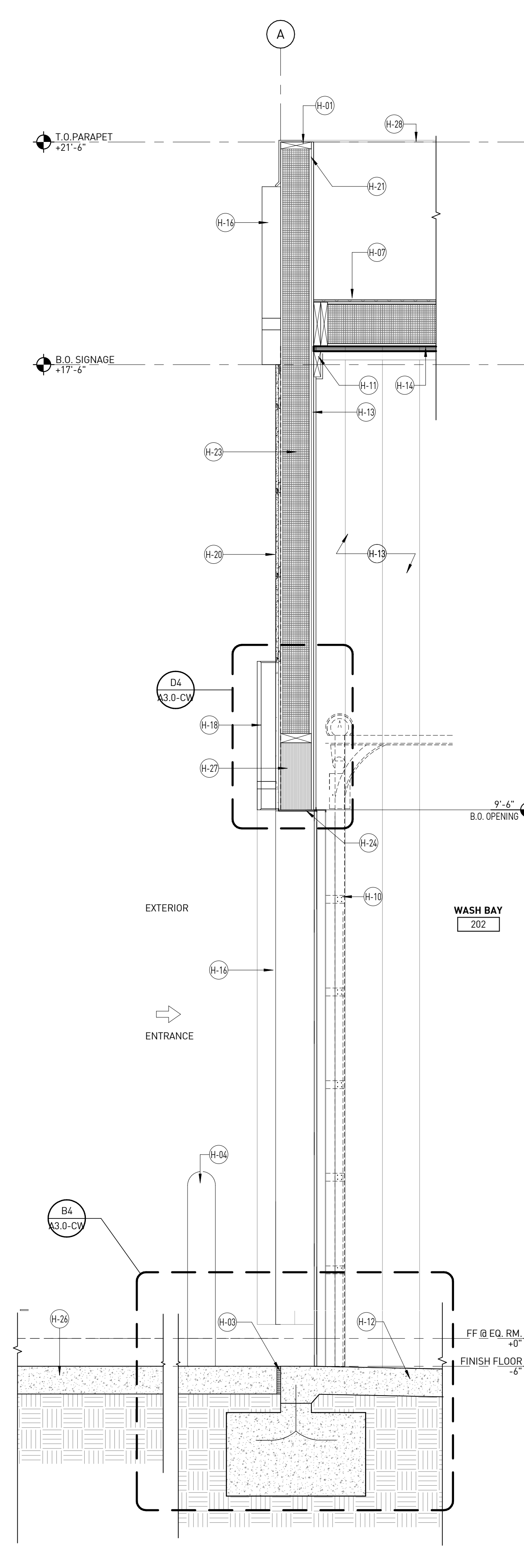
CARWASH WALL SECTION | A1  
3/4" = 1'-0"



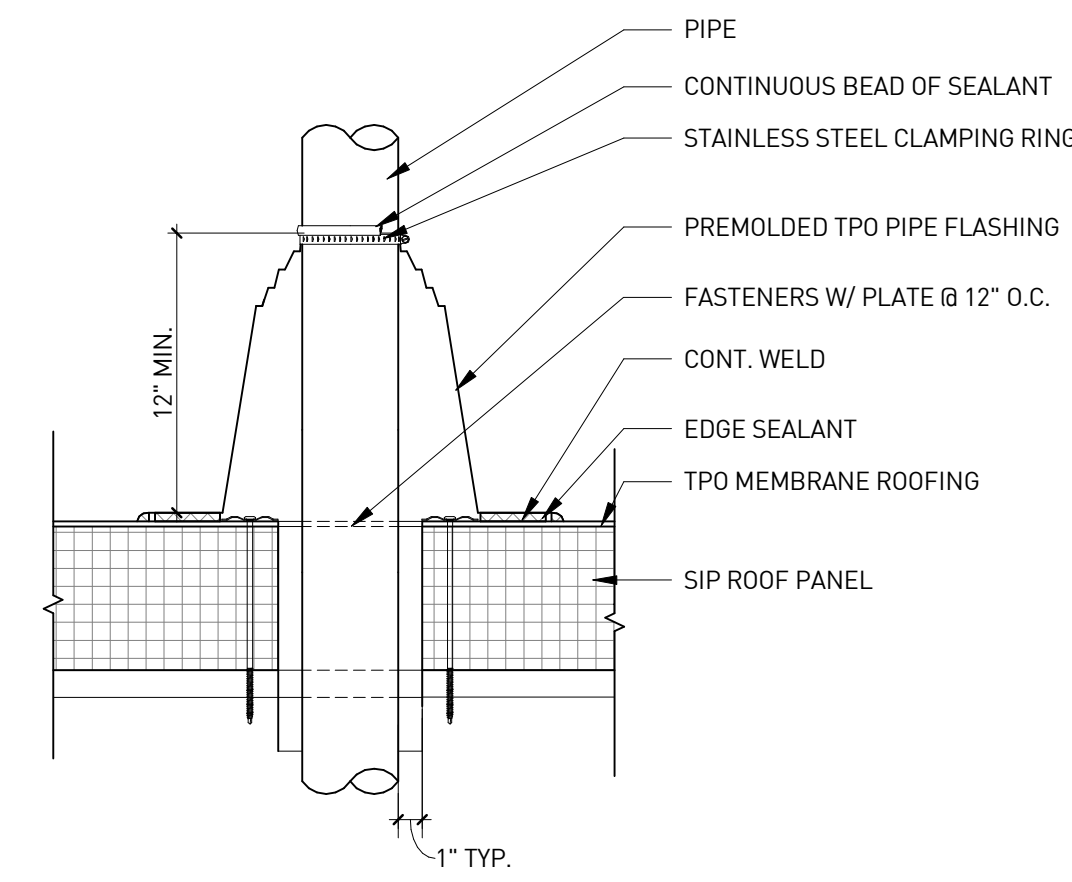
WALL SECTION @ WINDOW | A2  
3/4" = 1'-0"



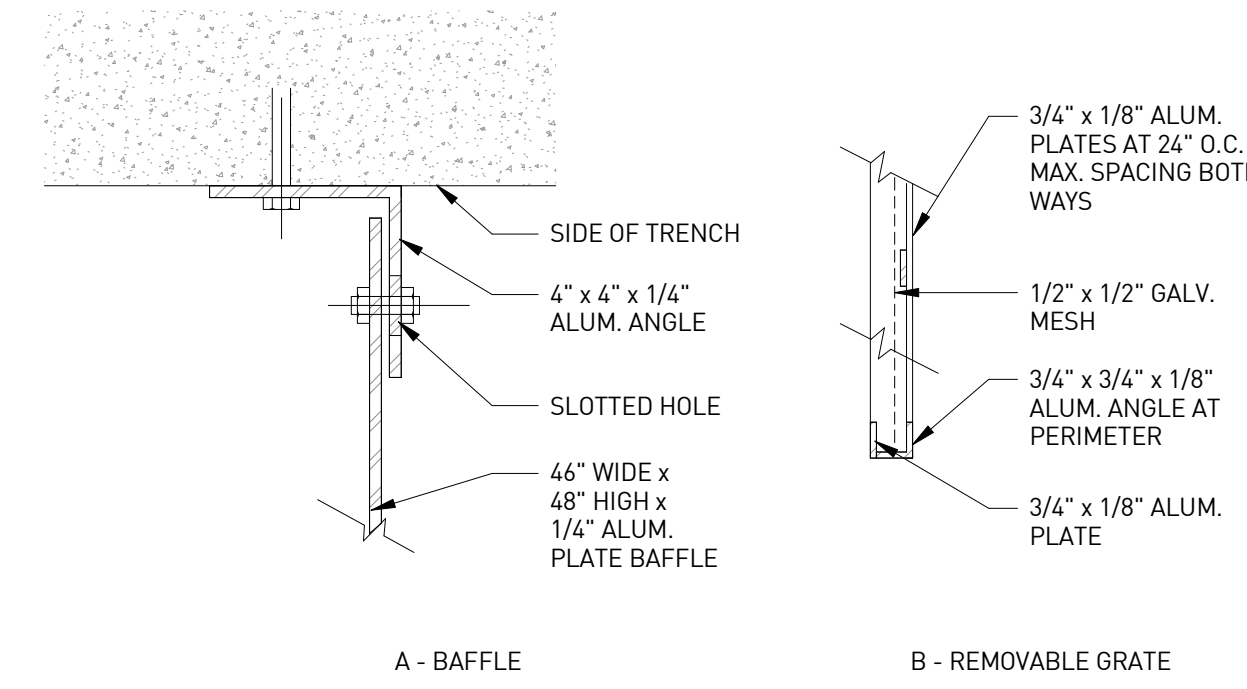
WALL SECTION @ CARWASH | A3  
3/4" = 1'-0"



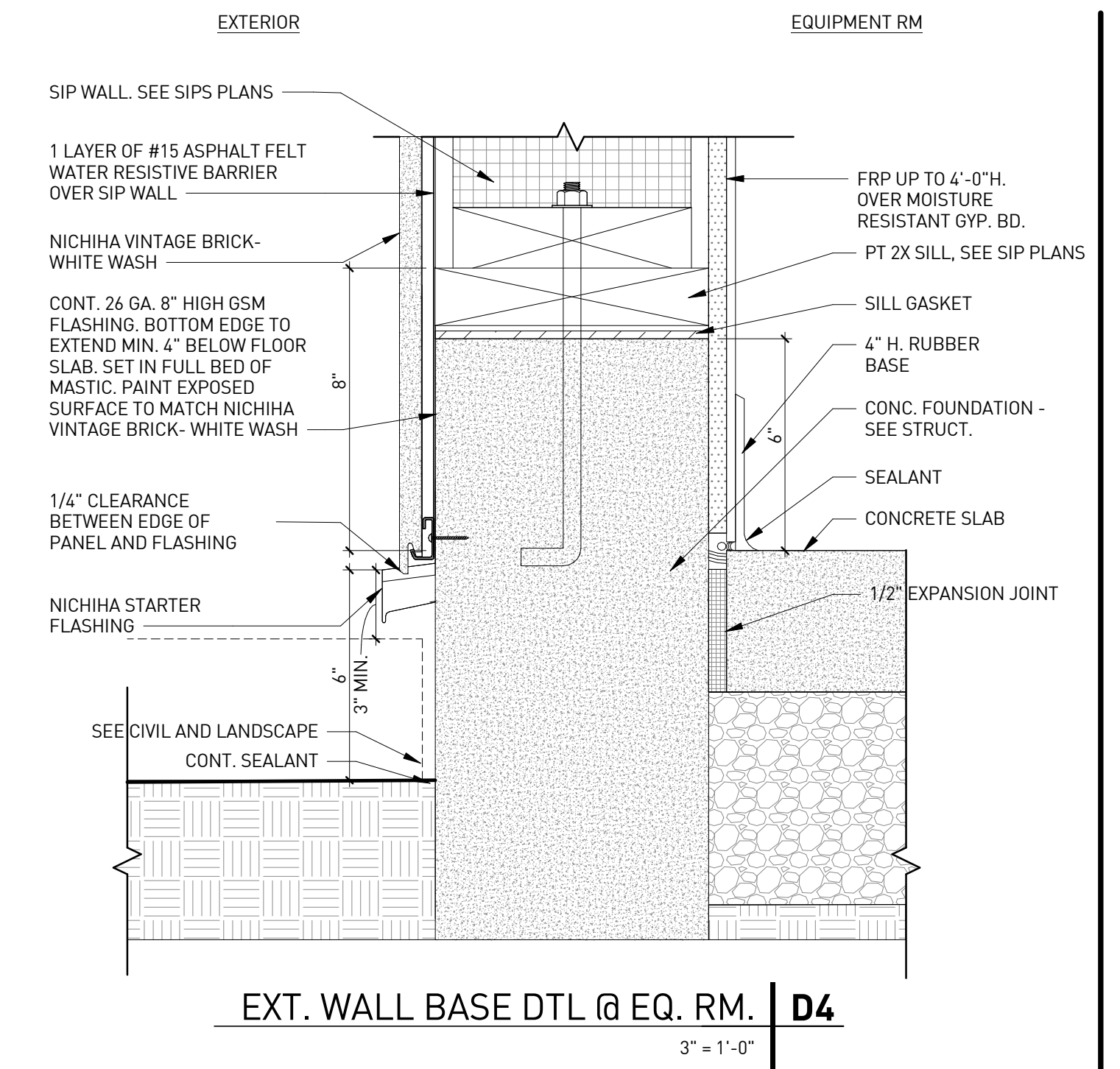
WALL SECTION @ ENTRY PORTAL | A4  
3/4" = 1'-0"



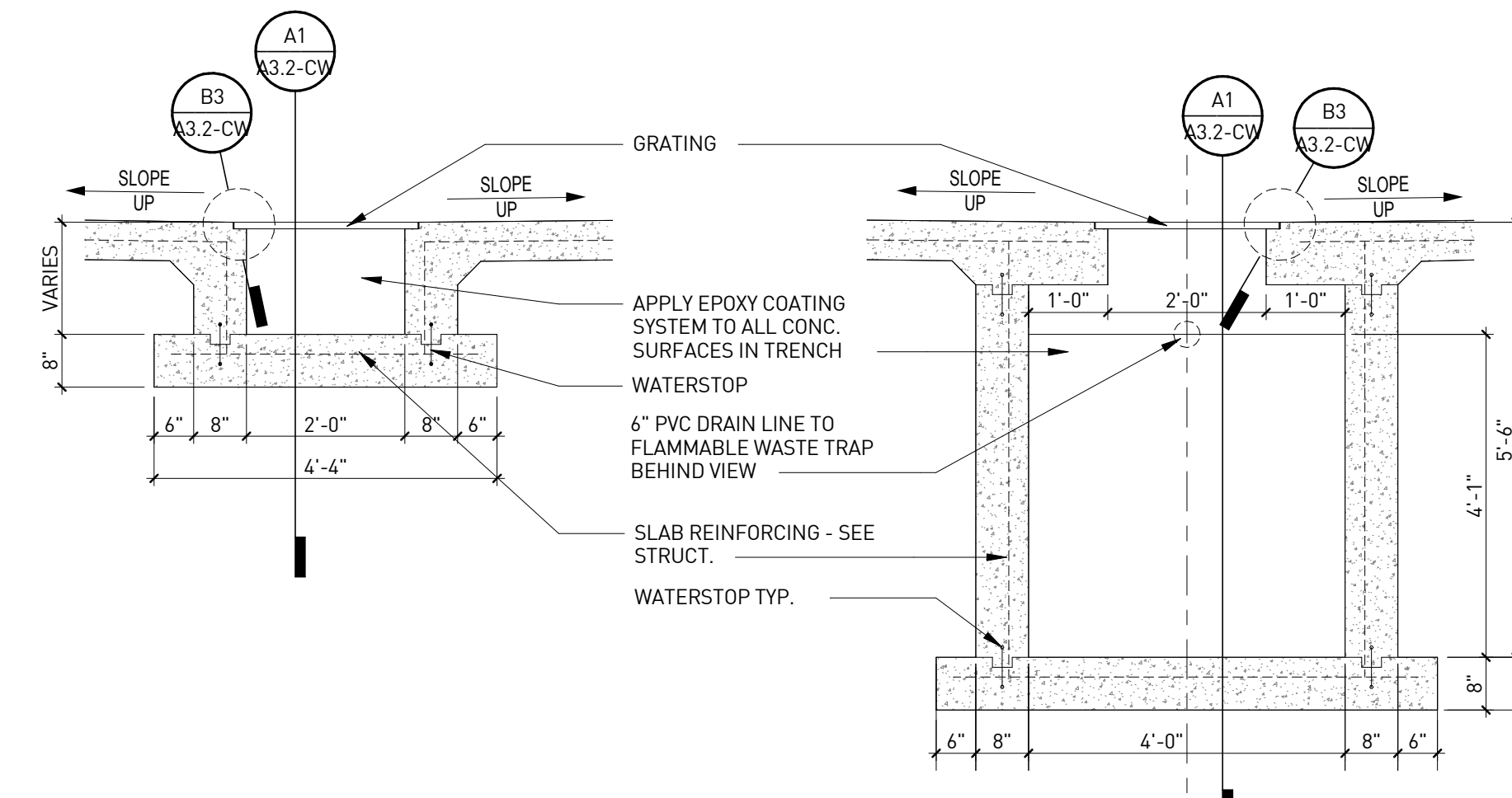
**ROOF PENETRATION @ COLD PIPE | D2**  
1/2" = 1'-0"



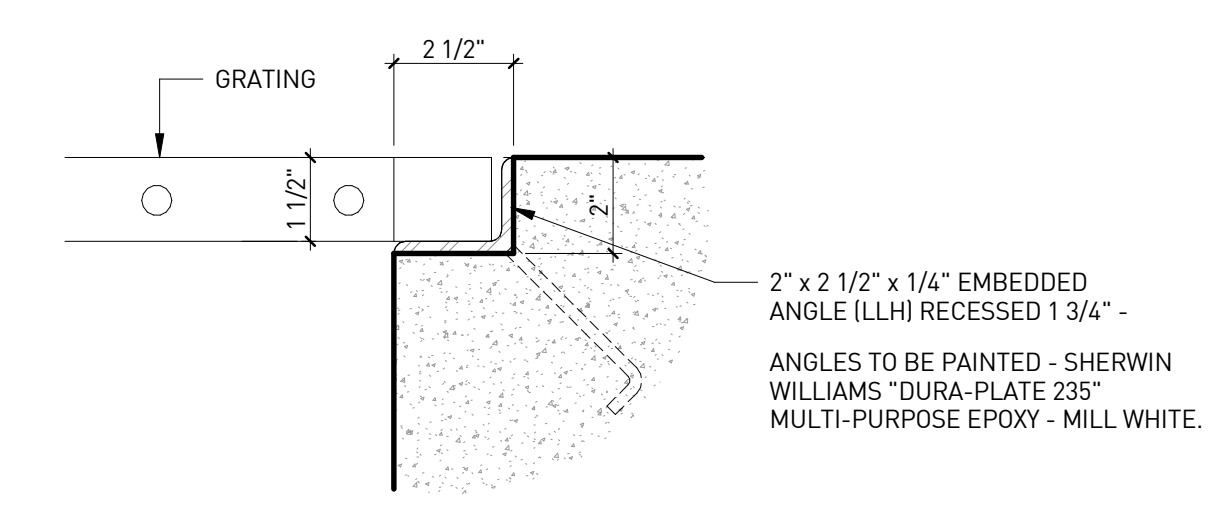
**TRENCH DETAILS | C3**  
3" = 1'-0"



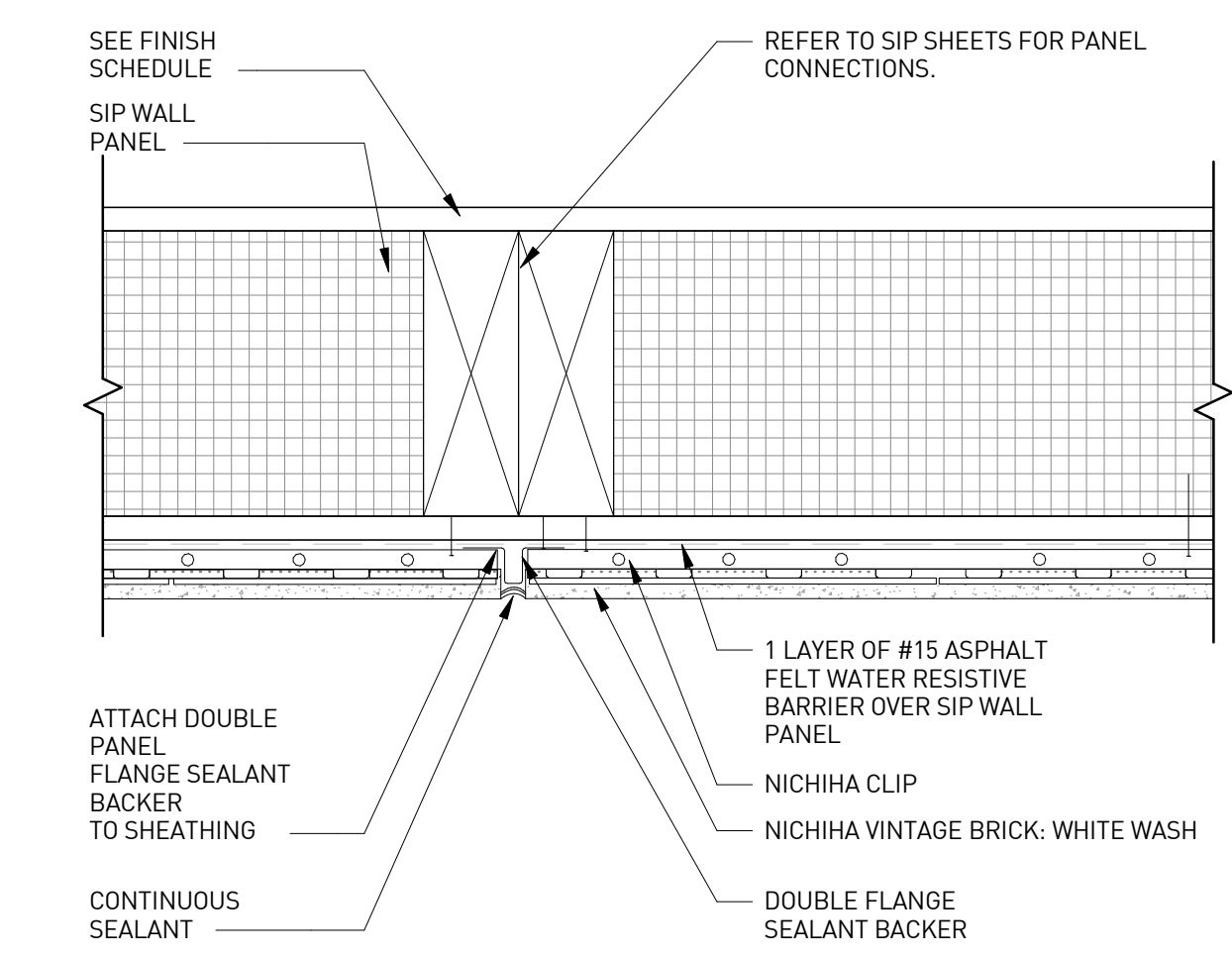
**EXT. WALL BASE DTL @ EQ. RM. | D4**  
3" = 1'-0"



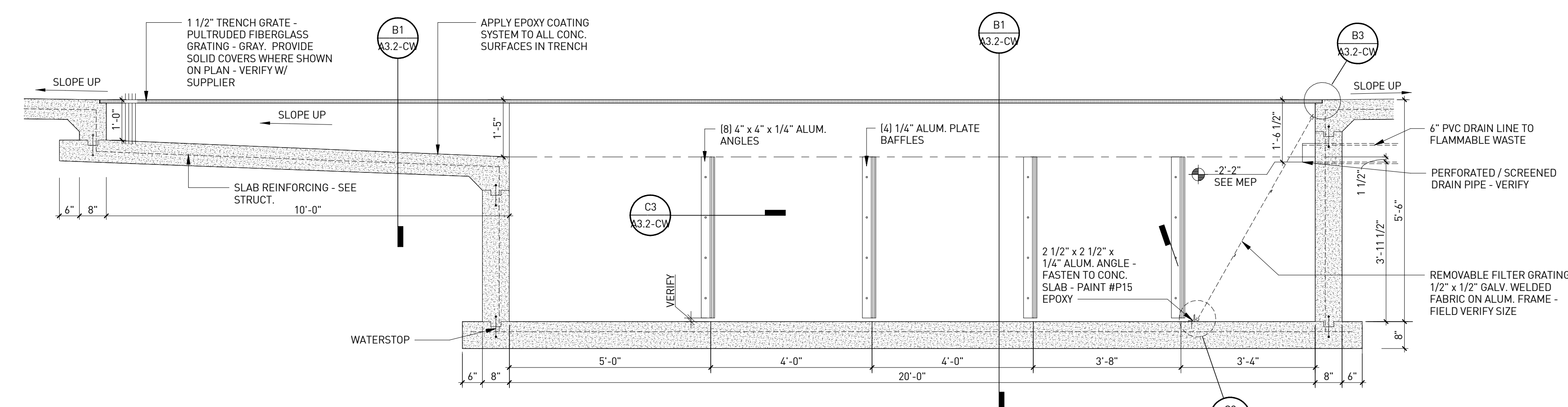
**TRENCH SECTION | B1**  
1/2" = 1'-0"



**GRADING SEAT | B3**  
3" = 1'-0"



**TYP. CONTROL/EXP. JOINT DETAIL | D5**  
3" = 1'-0"



**TRENCH SECTION | A1**  
1/2" = 1'-0"

**rdc.**

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

**COPYRIGHT NOTICE**

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

**PROFESSIONAL SEAL**



**REVISIONS**

△ ISSUE	DATE
OTF	02/15/23

**PROFESSIONAL IN CHARGE**

RW

**PROJECT MANAGER**

RM

**QUALITY CONTROL**

JS

**DRAWN BY**

YN

**PROJECT NAME**

**CIRCLE K STORES, INC. DET CARWASH ANGIER, NC**

9706 KENNEBEC CHURCH ROAD,  
ANGIER, NC 27501

PROTOCOL # R3.2 12/19/22



CIRCLE K STORE INC.

PROJECT NUMBER: 22130

**TRENCH DRAIN AND MISC. DETAILS**

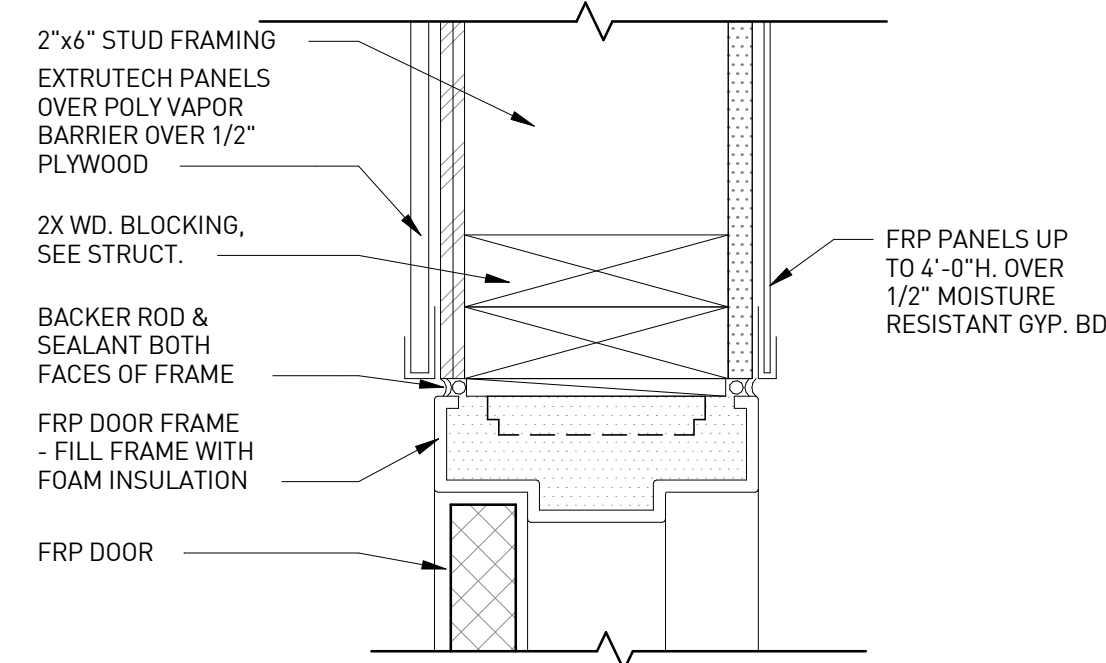
**A3.2-CW**

## MATERIAL DESCRIPTION

EPOXY/POLYURETHANE COATING, SYSTEM EOR TRENCH IN CAR WASH BAY: EPOXY BASE COAT WITH TOPCOAT, USING EITHER OF THE FOLLOWING:

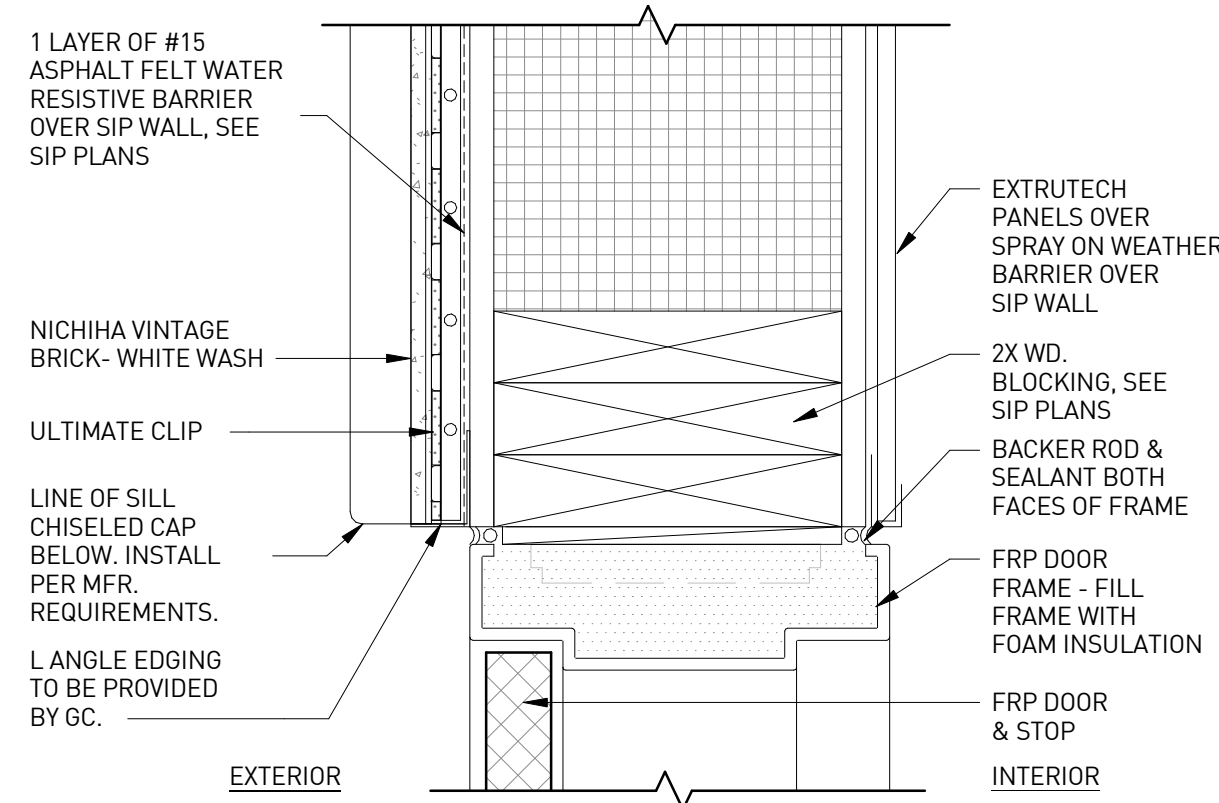
DIAMOND VOGEL "MULT-E-POXY 180" BASE COAT WITH "PINNACLE 330HS" POLYURETHANE TOP COAT. COLOR: COTTON WHITE

ICI DEVCO: "DEVTRAN 224HS" (BACKROLLED) HIGH BUILD EPOXY COATING BASE COAT: "DEVTHANE 379UVA" ALIPHATIC URETHANE GLOSS ENAMEL TOP COAT



JAMB DTL @ EQ. RM (HEAD SIM.) | D3

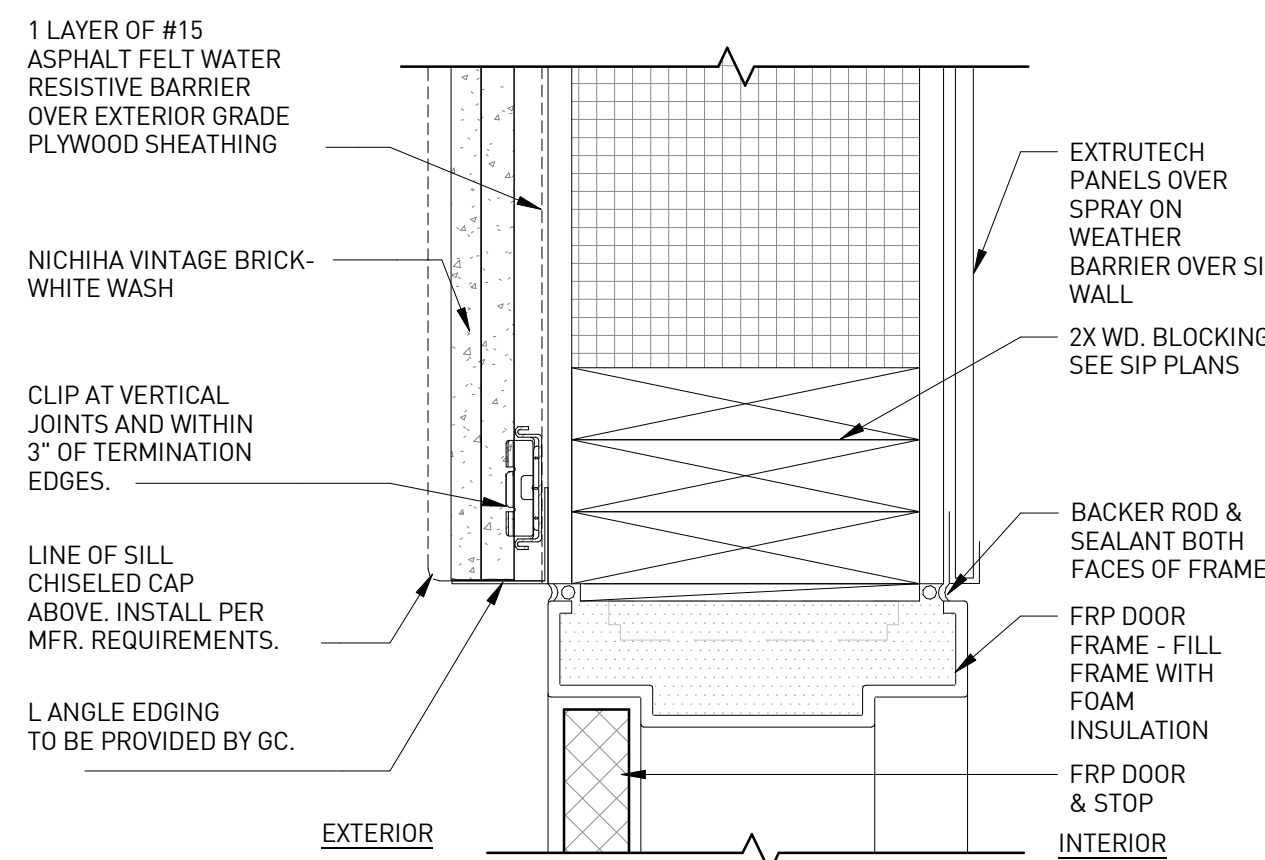
3" = 1'-0"



NOTE: METAL FLASHING IN ALL AREAS TO BE PROVIDED AND INSTALLED BY G.C.

EXT. DOOR JAMB DTL-HI | C2

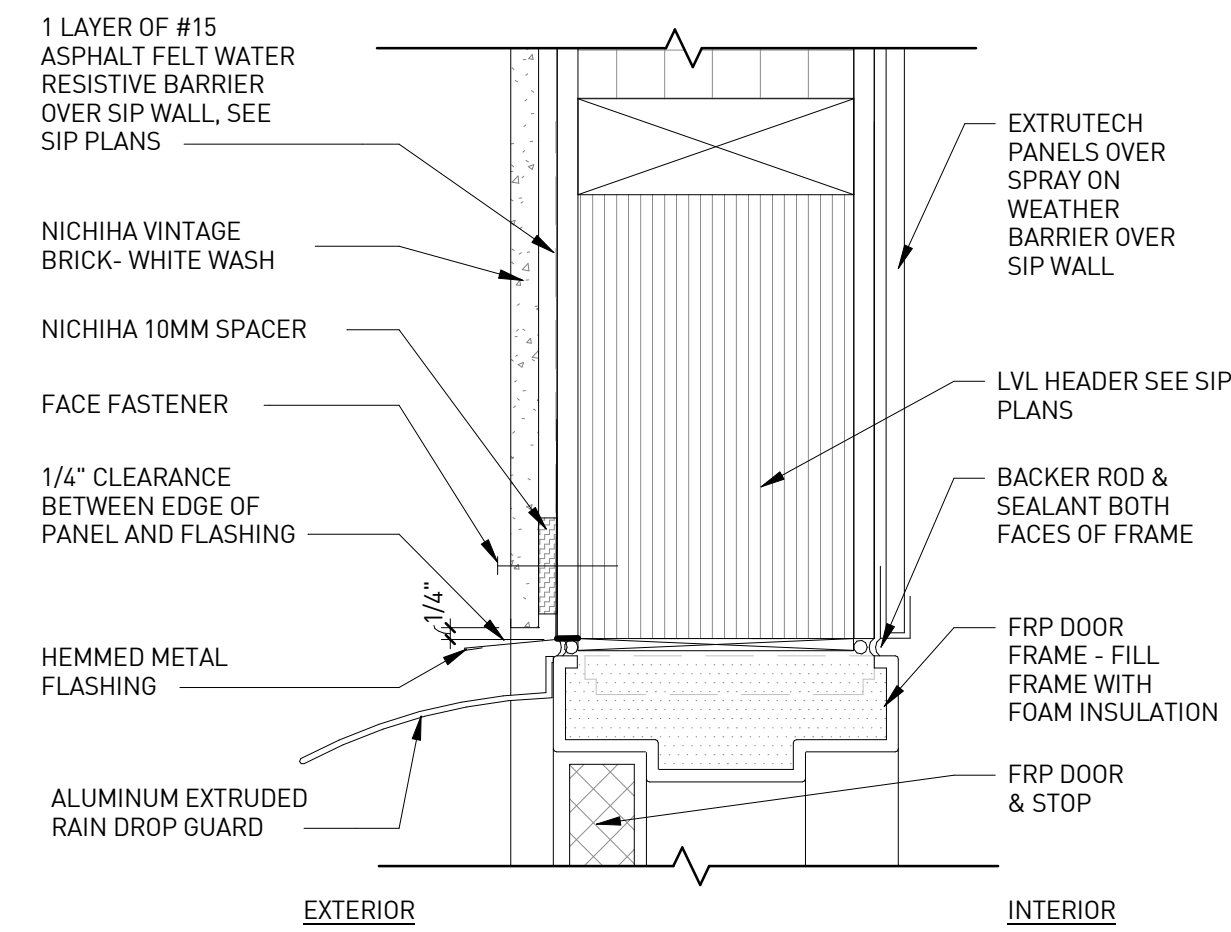
3" = 1'-0"



NOTE: METAL FLASHING IN ALL AREAS TO BE PROVIDED AND INSTALLED BY G.C.

EXT. DOOR JAMB DTL-LOW | B2

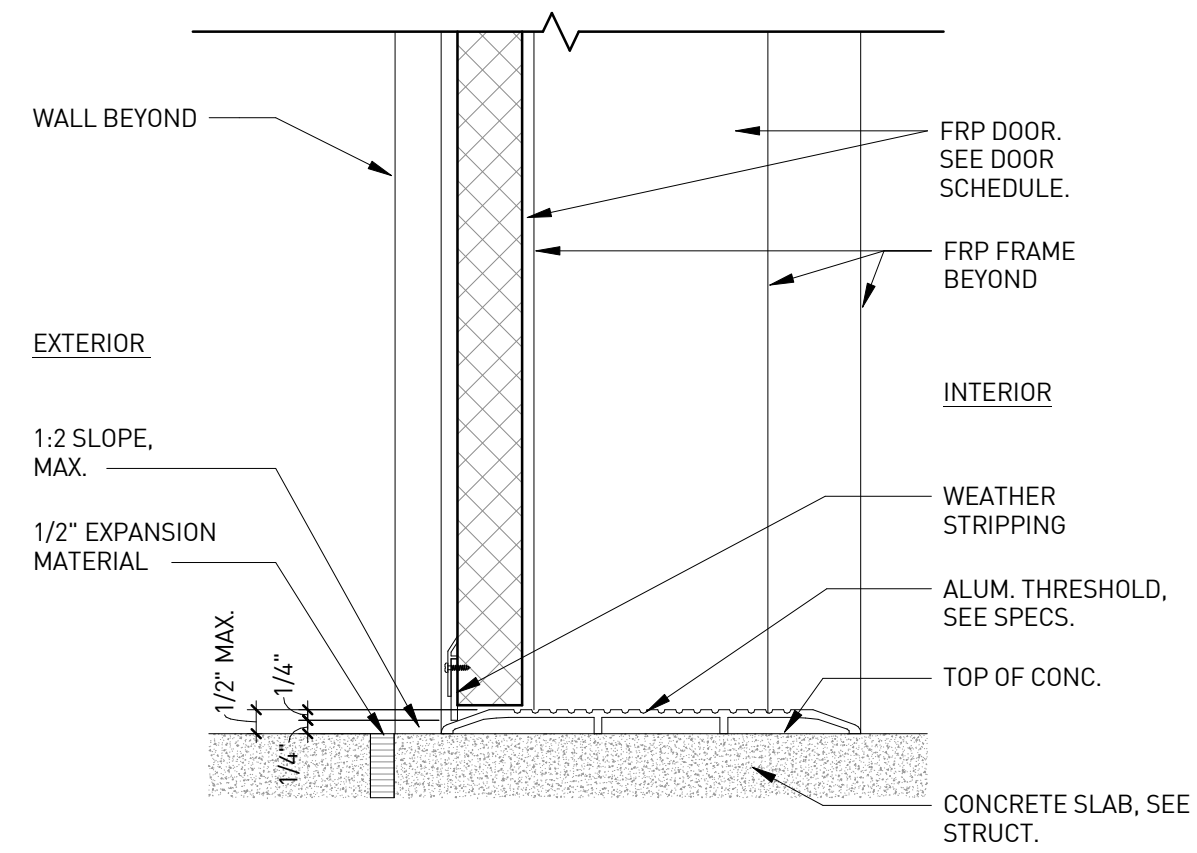
3" = 1'-0"



NOTE: METAL FLASHING IN ALL AREAS TO BE PROVIDED AND INSTALLED BY G.C.

EXT. DOOR HEAD DETAIL | B3

3" = 1'-0"



SILL DETAIL | A3

3" = 1'-0"

## FINISH SCHEDULE

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL MATERIAL	WALL FINISH N	WALL FINISH E	WALL FINISH S	WALL FINISH W	CEILING MATERIAL	CEILING HEIGHT	NOTES
200	CW ENTRY	2.0	5.0	3.0 & 3.3	3.1	3.1	3.1	3.1	1.0	10'-0"	1
201	EQUIPMENT ROOM	2.0	5.1	3.0 & 3.3	3.2	3.2	3.2	3.2	1.1	-	5
202	WASH BAY	2.0	5.0	3.0 & 3.3	3.1	3.1	3.1	3.1	1.0	VARIES	1, 2, 3, 4
203	ELECTRICAL ROOM	2.0	5.1	3.0&3.3	3.2	3.2	3.2	3.2	1.1	-	5

## FINISH SCHEDULE NOTES

- INSTALL CONTINUOUS 24" EXTRUTECH PANELS PER MFR'S RECOMMENDATIONS
- CAR WASH BAY SLAB AND EXTERIOR APRONS SHALL BE FINISHED FIRST WITH L & M "SEAL HARD" DENSIFIER AND THEN SEALED WITH L & M "AQUAPEL" PER MFR'S INSTALLATION RECOMMENDATIONS.
- APPLY EPOXY/POLYURETHANE COATING TO TRENCH SIDES & BOTTOM.
- PAINT EMBEDDED ANGLES IN TRENCH DURA-PLATE 235 MULTI-PURPOSE EPOXY - MILL WHITE
- FLOOR SEALER TO BE L & M "AQUAPEL"

## CEILING FINISH

- INSTALL CONTINUOUS 24" EXTRUTECH PANELS ACROSS CEILING OVER SPRAY ON WEATHER BARRIER OVER ROOF SIP PANEL
- SIP ROOF PANEL TO BE COVERED WITH 1/2" MOISTURE RESISTANT GYP. BOARD, PAINTED TO MATCH SW7006 "EXTRA WHITE"

## FLOOR FINISH

- EXPOSED CONCRETE WITH BROOM FINISH

## DOOR SCHEDULE

MARK	ROOM NO.	WIDTH	HEIGHT	THICK NESS	DOOR Type	DOOR Material	DOOR Frame Type	DOOR Frame Material	DOOR Frame Finish	HDW SET NO.	DOOR Head Detail	DOOR Jamb Detail	DOOR Sill Detail	REMARKS
1	200/ENTRY	4'-0"	7'-0"	1 3/4"	D1	FRP	F1	FRP	GEL	2	B3/A4.0-CW	B2 & C2/A4.0-CW	A3/A4.0-CW	PAINT, SEE ELEVATION
2A	203/ELECTRICAL ROOM	4'-0"	7'-0"	1 3/4"	D2A	FRP	F1	FRP	GEL	1	D3/A4.0-CW SIM.	D3/A4.0-CW	C3/A4.0-CW	
2B	201/EQUIPMENT RM.	4'-0"	7'-0"	1 3/4"	D2B	FRP	F1	FRP	GEL	1	D3/A4.0-CW SIM.	D3/A4.0-CW	C3/A4.0-CW	
3A	202/WASH BAY	10'-0"	10'-0"		D3	POLYCARBONATE	-	METAL	PAINT	-	D4/A3.0-CW	A5/A3.0-CW	B4/A3.0-CW	REFER TO MFR'S INSTALLATION
3B	202/WASH BAY	10'-0"	10'-0"		D3	POLYCARBONATE	-	METAL	PAINT	-	D4/A3.0-CW	A5/A3.0-CW	B4/A3.0-CW	REFER TO MFR'S INSTALLATION

## HARDWARE SCHEDULE

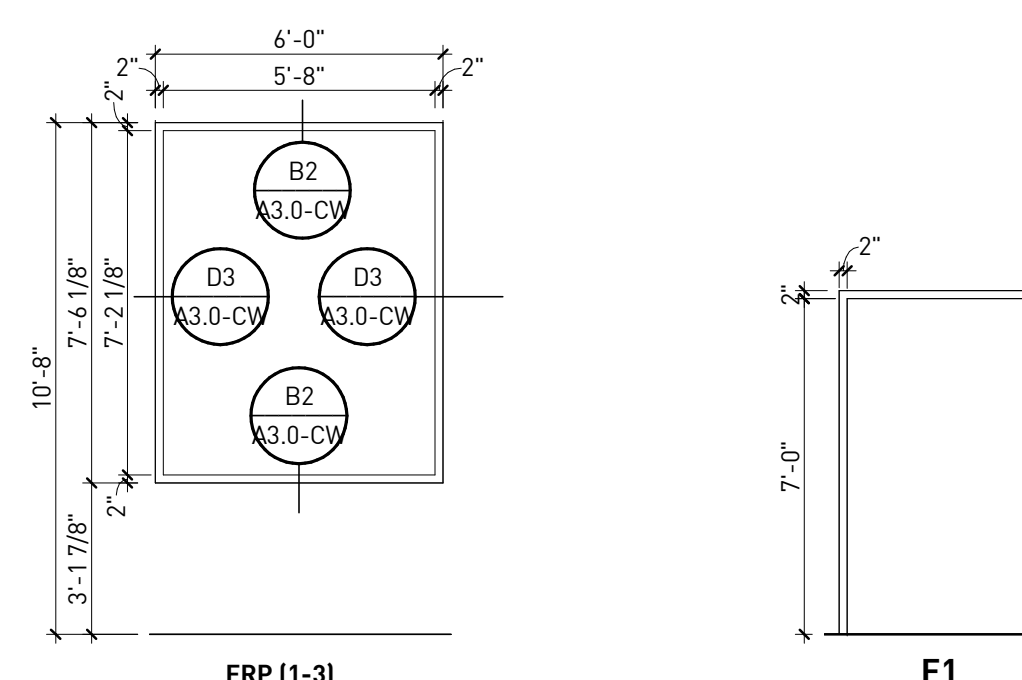
SET No. 1

- DESCRIPTION: 4'-0" X 7'-0" X 1 3/4" FRP-HYBRID, SPECIAL LITE, AF-100
- HINGES: SPECIAL LITE CONTINUOUS HINGE BY SPECIAL LITE
  - LOCKSET: TRI-LOC 12 DL27-00-10 US260
  - CYLINDER: YALE A400 MK 626 SMALL FORMAT INTERCHANGE CORE - FINISH 626
  - DOOR CLOSER: YALE UNI-4400 689 (4'-0" DOOR) - RHR - FINISH 689
  - THRESHOLD: PEMKO 2005AV48 (MSES25SS) - FINISH A
  - WEATHERSTRIPPING: PEMKO 2891APK-48 (INSTALL: HEADER) - FINISH A
  - WEATHERSTRIPPING: PEMKO 303AS-84 (INSTALL: BOTH JAMBS) - FINISH A
  - WEATHERSTRIPPING: PEMKO 412CRL48 (MS10SS) - FINISH C
  - ARMOR PLATE: ROCKWOOD K1050 30" X 46" LDW - FINISH US32D
  - DOOR SILENCER: ROCKWOOD 608 - FINISH GRV

SET No. 2

- DESCRIPTION: 4'-0" X 7'-0" X 1 3/4" FRP-HYBRID, SPECIAL LITE, AF-100
- HINGES: SPECIAL LITE CONTINUOUS HINGE BY SPECIAL LITE
  - EXIT DEVICE: DETEX V40 711 EB W 4'-0" - FINISH 711
  - CYLINDER: YALE A400 MK 626 SMALL FORMAT INTERCHANGE CORE - FINISH 626
  - CYLINDER: YALE K660 SFC MORTISE HOUSING - FINISH 626
  - DOOR CLOSER: YALE UNI-4400 689 488 6190 (4'-0" DOOR) - RHR - FINISH 689
  - THRESHOLD: PEMKO 2005AV48 (MSES25SS) - FINISH A
  - WEATHERSTRIPPING: PEMKO 2891APK-48 (INSTALL: HEADER) - FINISH A
  - WEATHERSTRIPPING: PEMKO 303AS-84 (INSTALL: BOTH JAMBS) - FINISH A
  - WEATHERSTRIPPING: PEMKO DRIP CAP - 346A 48 - FINISH A
  - GASKETING: PEMKO DOOR SWEEP 3452APK48 - FINISH A
  - ARMOR PLATE: ROCKWOOD K1050 30" X 46" LDW - FINISH US32D
  - DOOR SILENCER: ROCKWOOD 608 - FINISH GRV

## WINDOW / DOOR FRAME TYPE



## HARDWARE, DOOR & FRAME SCHEDULES | A4

1/4" = 1'-0"

## WALL MATERIAL AND FINISH

- WOOD STUD WALL
- CONTINUOUS, VERTICAL 24" EXTRUTECH PANELS FROM FLOOR TO CEILING OVER SPRAY ON WEATHER BARRIER (OVER 1/2" PLYWOOD ONLY AT WOOD STUD WALLS)
- FRP PANELS INSTALLED FROM FLOOR UP TO 4'-0" H. (OVER 1/2" MOISTURE RESISTANT GYP. BD. ONLY AT WOOD STUD WALLS) PROVIDE BLOCKING FOR CAR WASH EQUIPMENT WHERE NEEDED.
- SIP WALL PANEL

## BASE FINISH

- NONE
- 4" H. RUBBER BASE

**rdc.**

11921 Freedom Drive #1110  
Reston, Va 20190  
t 703.668.0086  
rdcollaborative.com

### COPYRIGHT NOTICE

This drawings is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the professional.

### PROFESSIONAL SEAL



### REVISIONS

ISSUE	DATE
OTF	02/15/23

### PROFESSIONAL IN CHARGE

RW

### PROJECT MANAGER

RM

### QUALITY CONTROL

JS

### DRAWN BY

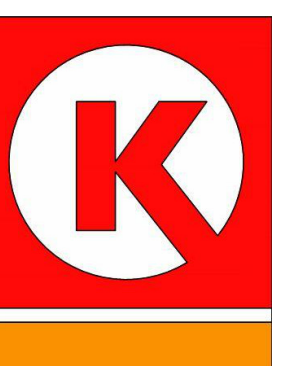
YN

### PROJECT NAME

## CIRCLE K STORES, INC. DET CARWASH ANGIER, NC

9706 KENNEBEC CHURCH ROAD, ANGIER, NC 27501

PROTOCOL # R3.2 12/19/22



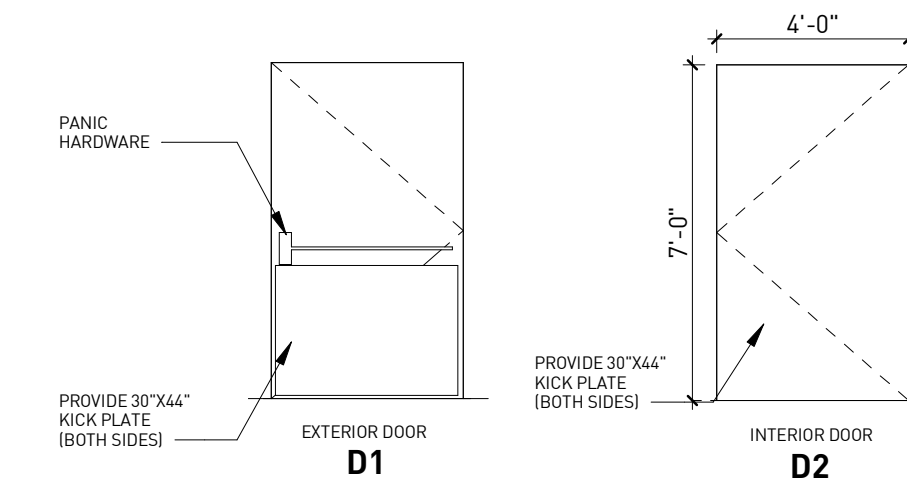
CIRCLE K STORE INC.

PROJECT NUMBER: 22130

## DOOR, WINDOW FINISH & HARDWARE SCHEDULE

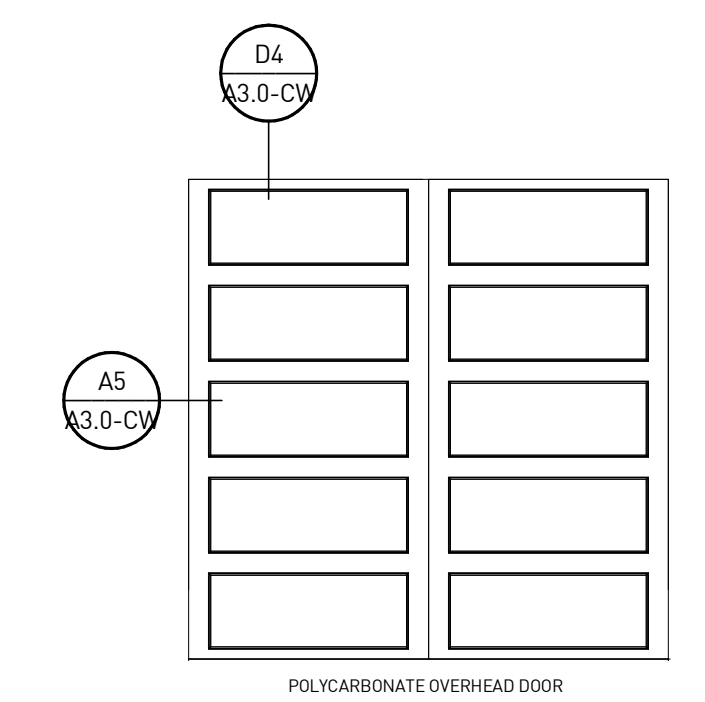
A4.0-CW

## DOOR TYPE



### NOTES:

- MAX. DOOR OPENING EFFORTS: 5 lbs. @ EXTERIOR, 5lbs. @ INTERIOR, & 15 lbs. @ FIRE DOORS.
- ALL EXIT DOORS MUST BE OPENABLE FROM THE INSIDE W/O THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- DOOR CLOSING SPEED: COMPLY W/ ADA 404.2.8.1 5 SECONDS FROM 90° TO 12° FROM LATCH.



D3