

CORE STATES GROUP
 CORESTATES DESIGN P.C.
 111 3rd Avenue S
 Suite 400
 612.547.1300
 Minneapolis, MN 55401
 www.core-states.com

ANGELA FEULNER
 LICENSED ARCHITECT
 008726

Drawn: EDUARDO GUZMAN
 Reviewed: A. FEULNER
 Sheet Date: 11/11/24
 Proj. Number: BGC.37947.RR

- GENERAL NOTES**
- THESE DRAWINGS ARE FOR INTENT ONLY. CONTRACTOR SHALL REVIEW AND FIELD INSPECT EXISTING CONDITIONS PRIOR TO BIDDING.
 - TAKE ALL NECESSARY CARE TO PROTECT EXISTING SITE PAVING AND FIXTURES FROM STAINING DUE TO OVERLAYMENT/SEAL COATING PROCEDURES.
 - KEEP ADJACENT EXISTING PAVING AREA (WITH NO NEW WORK) AND CITY STREETS CLEAN AND FREE OF VISUAL TRACKING.
 - COORDINATE PARKING AREA CLOSURE WITH THE OWNER'S REPRESENTATIVE.
 - CONTRACTOR SHALL FIELD VERIFY THAT ALL ACCESSIBLE ROUTES AND ACCESSIBLE PARKING SPACES AND ACCESSIBLE ASILES MEET THE REQUIREMENTS FOR ACCESSIBILITY STANDARDS. IF FOUND TO BE NOT COMPLIANT, CONTRACTOR SHALL BRING PARKING SPACES AND ACCESSIBLE ASILES INTO COMPLIANCE.
 - CONTRACTOR SHALL VERIFY AND COORDINATE ALL EXISTING GRADES SO THAT ALL NEW WORK MATCHES AND TIES INTO EXISTING SURFACES.
 - ANY SITE REQUIRED SECURITY FENCING SHALL BE COORDINATED BY THE CONTRACTOR WITH THE OWNER.
 - CONTRACTOR IS RESPONSIBLE FOR SAFETY ON THE PROJECT AND SHALL PROVIDE CONSTRUCTION PER OSHA REQUIREMENTS, (LATEST), AS WELL AS OTHER APPLICABLE CODE REQUIREMENTS.
 - ALL DELIVERIES/SITE WORK CONSTRUCTION IS TO BE COORDINATED WITH THE OWNER FOR SAFETY, ACCESS, AND SEQUENCE.
 - PROJECT CLEANLINESS: THE CONTRACTOR SHALL PROVIDE MANPOWER FOR JANITORIAL WORK IN ORDER TO PROVIDE PROJECT CLEANLINESS. TRASH, CONSTRUCTION DEBRIS, AND MUD SHALL NOT BE ALLOWED ACCUMULATE ANYWHERE ON THE PROJECT, WHETHER IN THE BUILDING, ON THE GROUNDS, IN THE ADJACENT AREAS OR IN THE STREETS SERVING AS DELIVERY AND HAUL OFF ROUTES.
 - NOISE CONTROL: EQUIPMENT LOCATIONS AND TIMING OR SEQUENCE OF WORK OPERATIONS SHALL BE COORDINATED WITH THE OWNER SO AS TO NOT INTERFERE WITH OR DISRUPT THE NORMAL DAILY OPERATIONS OF GROCERY STORE OR FUEL STATION.
 - UTILITY SERVICES: MAINTAIN EXISTING UTILITIES AND PROTECT AGAINST DAMAGES DURING DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED BY THE OWNER.
 - DISPOSAL OF DEMOLISHED MATERIALS: REMOVE FROM SITE & LEGALLY DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OR NEW CONSTRUCTION OPERATIONS.
 - EXISTING BUILDING ARE TO REMAIN OPEN & OPERABLE DURING THE CONSTRUCTION PROCESS. COORDINATE WITH THE OWNER FOR SAFETY ACCESS, AND SEQUENCE.
 - ALL EXISTING DISTURBED AREAS AFFECTED BY CONSTRUCTION SHALL BE HYDROMULCHED.
 - CONTRACTOR TO COORDINATE THE LOCATION OF STORAGE TRAILERS, MATERIAL SITE STORAGE & WORKER PARKING WITH THE OWNER'S REPRESENTATIVE.

PARKING SUMMARY

ZONING CODE 801.2.1	SPACE / 225 SF
39,756 SF / 225 SF = 177	
REQUIRED SPACES:	
STANDARD:	171
ACCESSIBLE:	6
TOTAL:	177
PROPOSED SPACES:	
STANDARD:	172
ACCESSIBLE:	6
TOTAL:	178

- SITE PLAN KEY NOTES**
- RE-Paint EXISTING PARKING LOT AND DRIVE STRIP, INCLUDING PARKING SPACES, ACCESSIBLE SYMBOLS, ETC. NEW STRIPING SHALL BE IN SAME LOCATION, UNLESS NOTED OTHERWISE. NOTIFY ALL COLORS REQUIRED WITH ARCHITECT PRIOR TO BEGINNING WORK.
 - EXISTING CART LOCATION TO REMAIN.
 - ACCESSIBLE PARKING SPACE WITH EMBLEM & SIGNAGE. PARKING SPACE AND ACCESSIBLE ASILE SHALL BE LEVEL WITH SURFACE SLOPE NOT EXCEEDING 1/50 (2%) IN ALL DIRECTIONS.
 - PROVIDE ACCESSIBLE PARKING SIGNAGE ON PIPE GUARD SEE DETAIL 11/A1.1
 - PROVIDE BOLLARDS TO MATCH EXISTING
 - PROPOSED ADDITION SHOWN AS CROSS HATCHED
 - EXISTING LANDSCAPING TO REMAIN
 - SITE ACCESS TO REMAIN
 - PROVIDE OSHA COMPLIANT ROOF TOP LADDER AND CAGE. SEE 3/A5.2 FOR DETAIL.
 - NO PARKING FIRE LANE
 - PYLON SIGN. SEE A4.0 AND A4.1 FOR SCOPE.
 - REPLACE ALL EXTERIOR BUILDING AND SITE LIGHTING.

- SITE PLAN KEY NOTES**
- | MARK | DESCRIPTION |
|------|---|
| PA | DEMOLISH AND REMOVE EXISTING LIGHTING FIXTURES AND POLE. REPLACE WITH:
POLE: SOLAS LITE POLE ON EXISTING CONCRETE BASE AND ANCHOR BOLTS. CONTRACTOR TO VERIFY EXACT ANCHOR BOLT PATTERN AND NOTIFY BROOKSHIRE'S.
FITTURE TYPE: SOLAS GL3-12H-TSQ-740 (2) @ 90° FIXTURES
SOLAS GL3-23H-TSQ-740 (2) @ 90° FIXTURES
SOLAS GL3-17H-TSQ-740 (2) @ 90° FIXTURES. CONNECT TO EXISTING CIRCUIT AND LIGHTING CONTROLS. |

SYMBOL LEGEND

	NEW LIGHT FIXTURES & PILES - PROVIDED BY BGC
	NEW LIGHT FIXTURES & PILES - PROVIDED BY BGC
	NEW LIGHT FIXTURES & PILES - PROVIDED BY BGC

1 SITE PLAN
 SCALE: 1" = 20'-0"

BGC fs
 BROOKSHIRE GROCERY COMPANY
 facility services

430 E. Front St.
 Tyler, TX 75702
 903-579-0500

39,756 SF
#906
 LANGLEY, OK

REMODEL
 Reason's
 1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:
 PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE: 09/23
 PROJECT NO.: 4090600-0
 STORE NO.: 906
 SHEET NO.: A1.0

AS OF: 11/11/24

CORE STATES GROUP

CORESTATES DESIGN P.C.

111 3rd Avenue S
Suite 400
612.347.1300
Minneapolis, MN 55401
www.core-states.com

ANGELA FEULNER
REGISTERED ARCHITECT
008726

Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR

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ISSUED FOR:

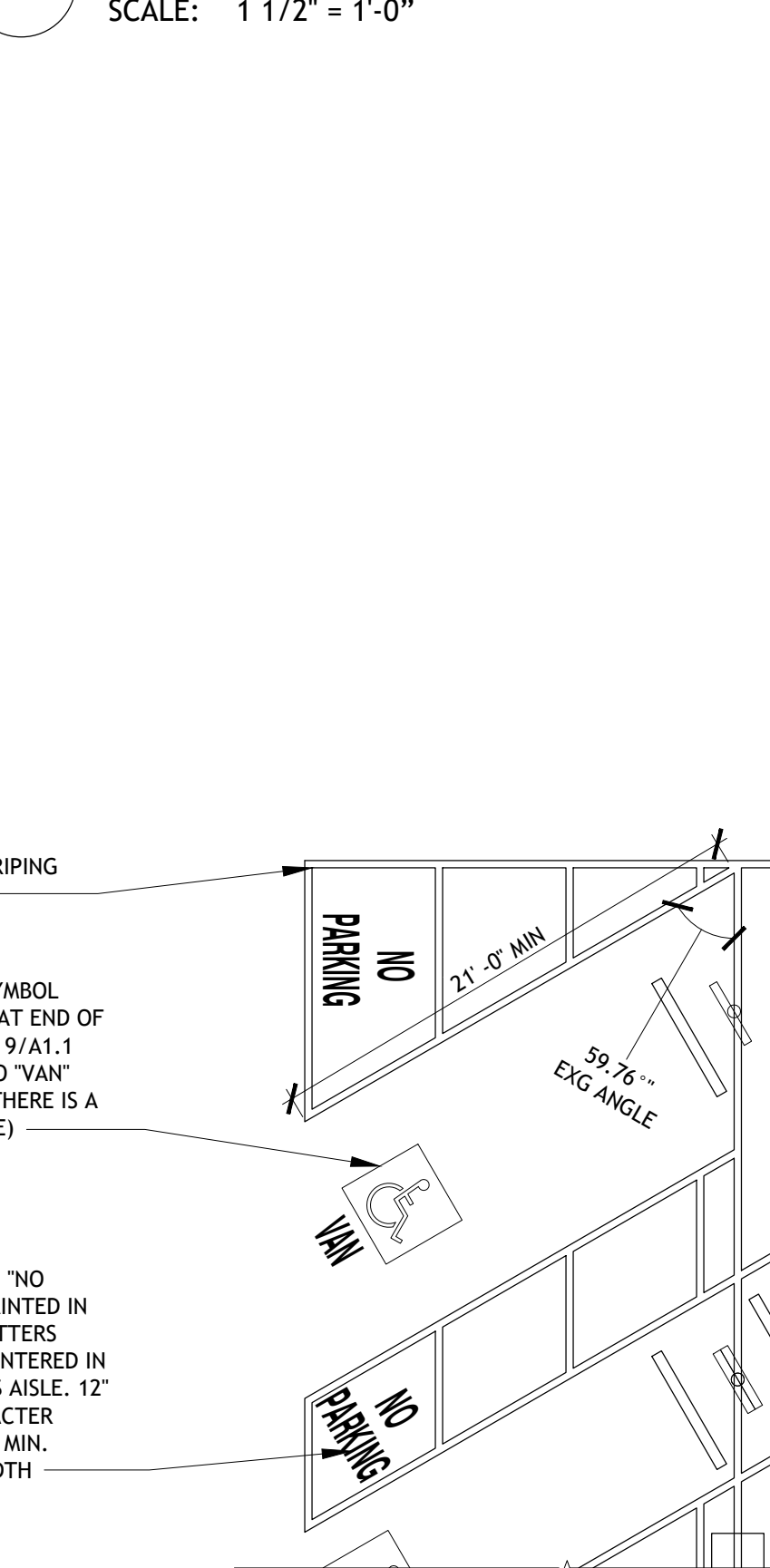
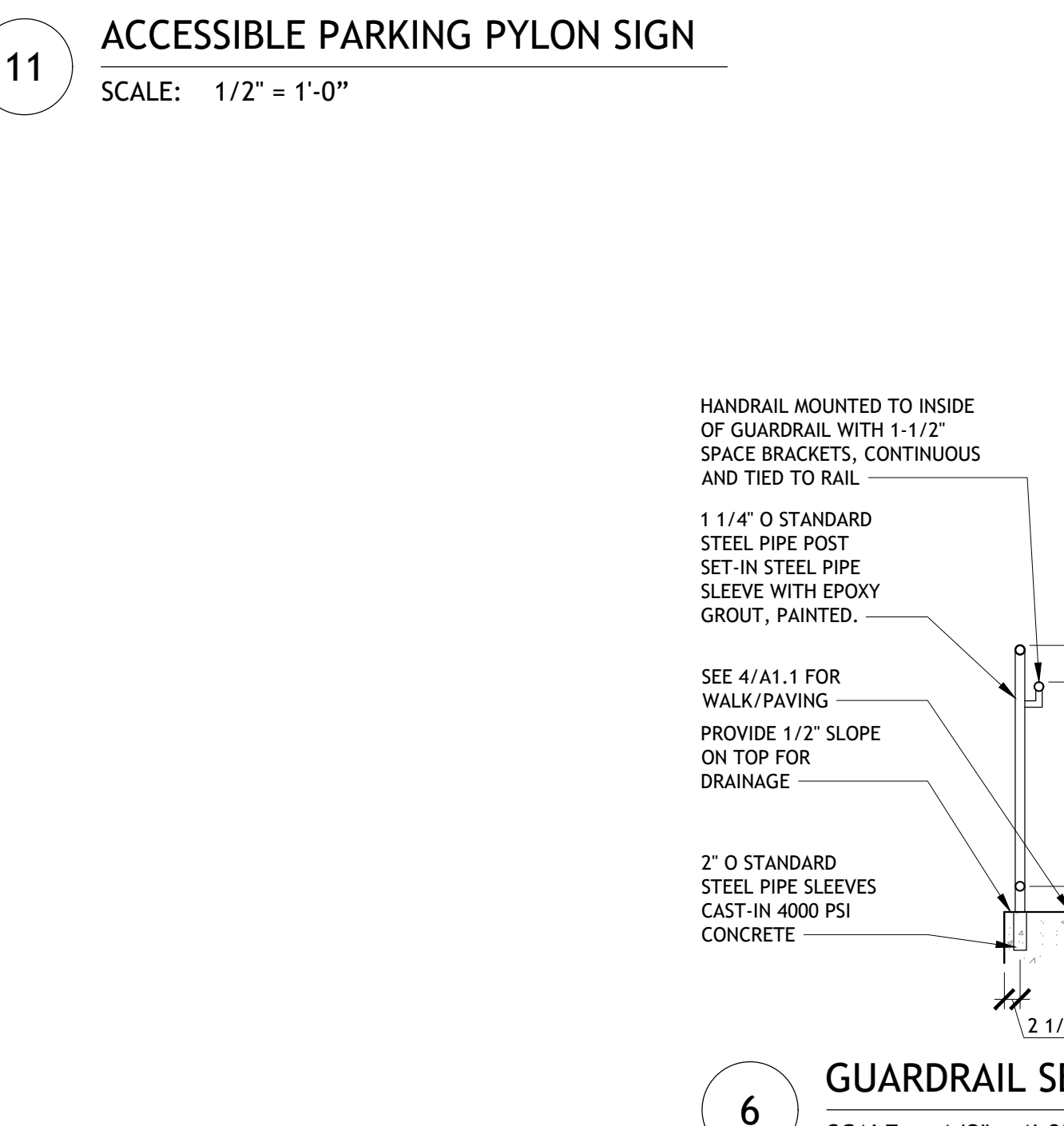
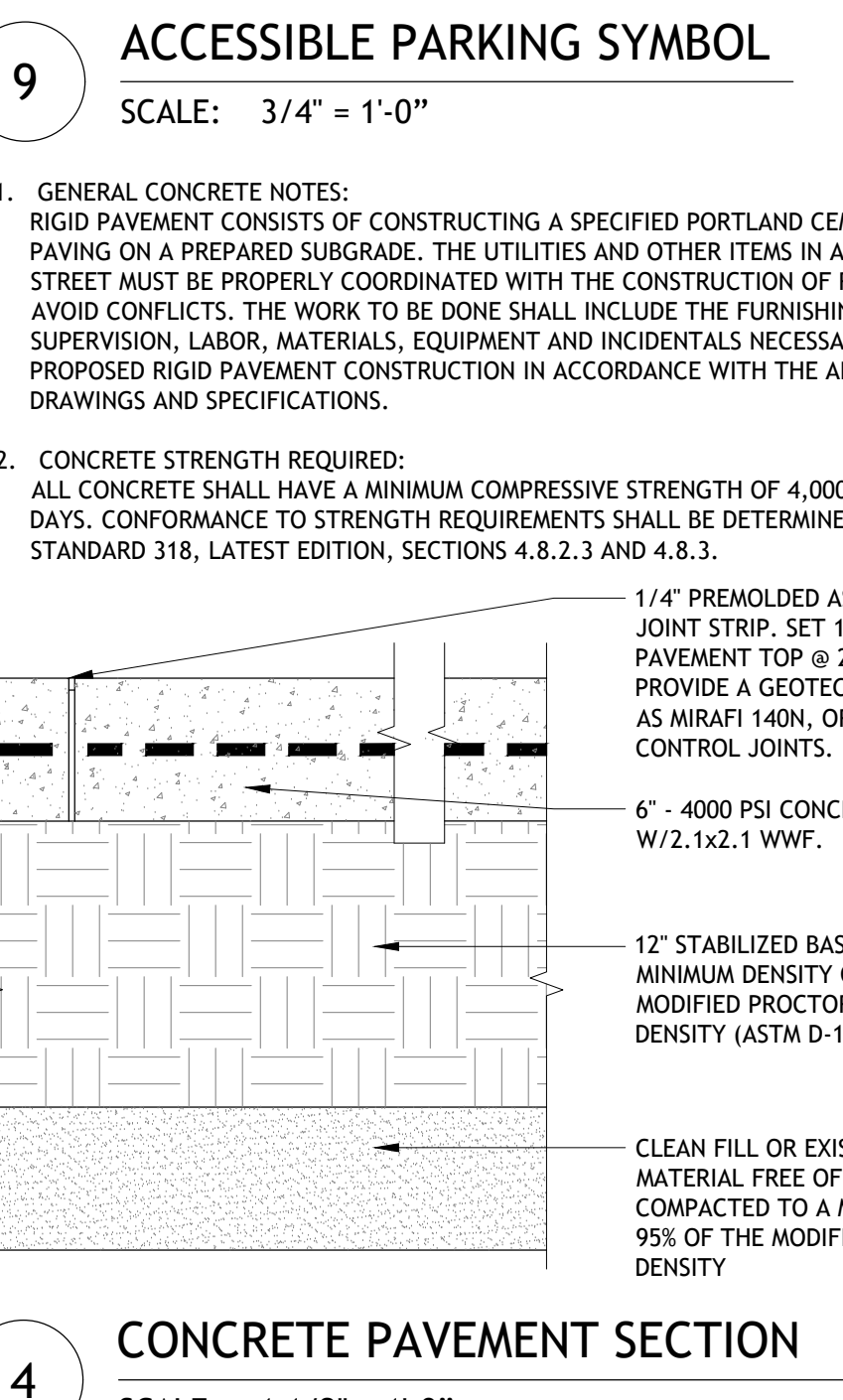
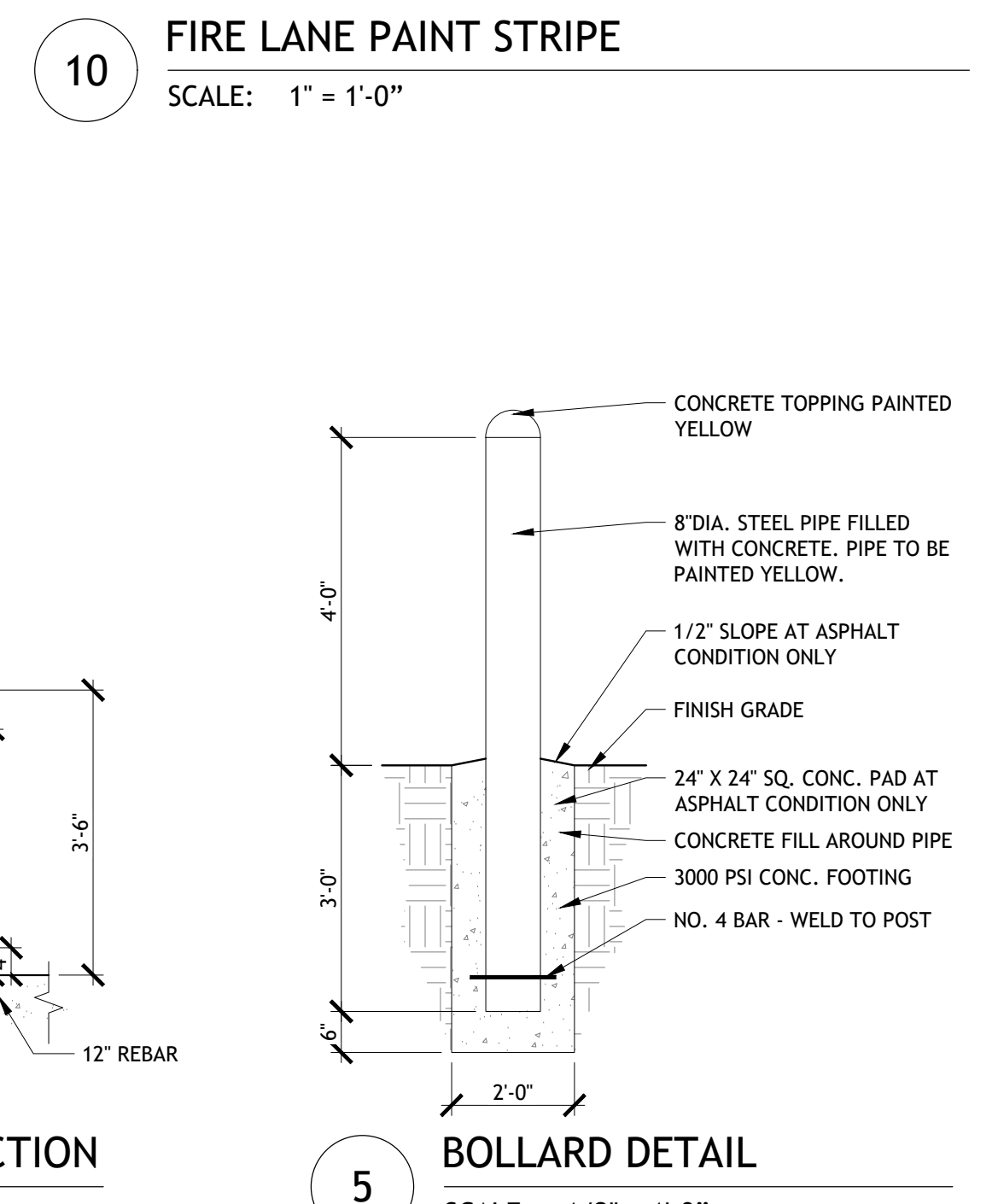
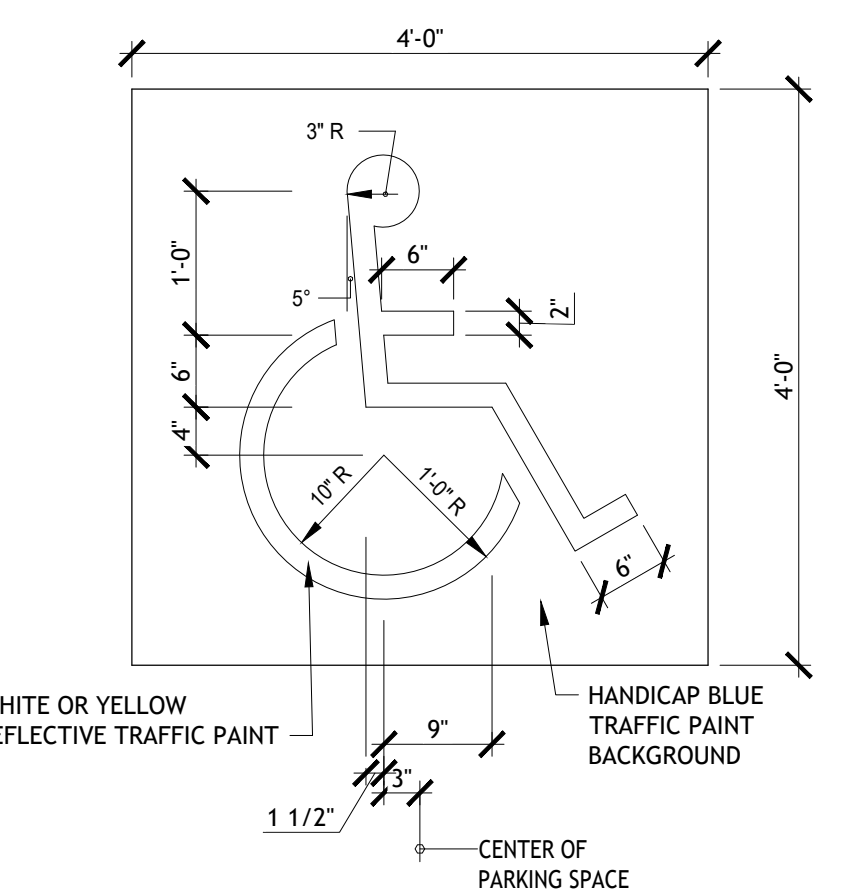
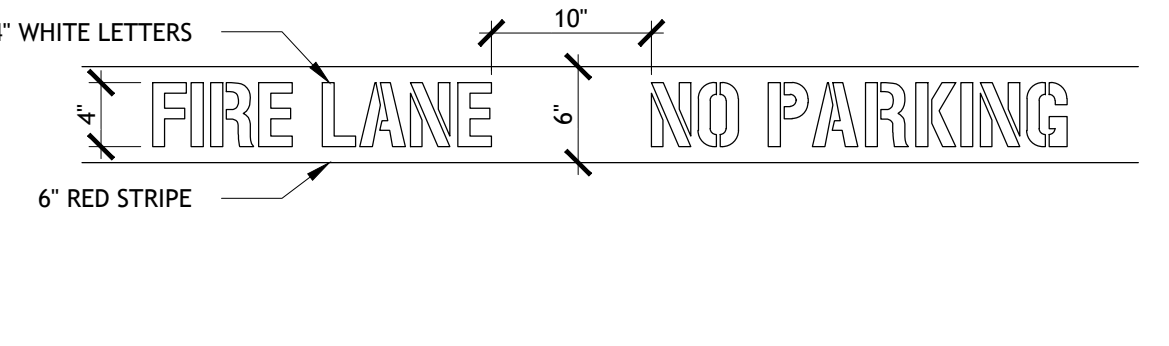
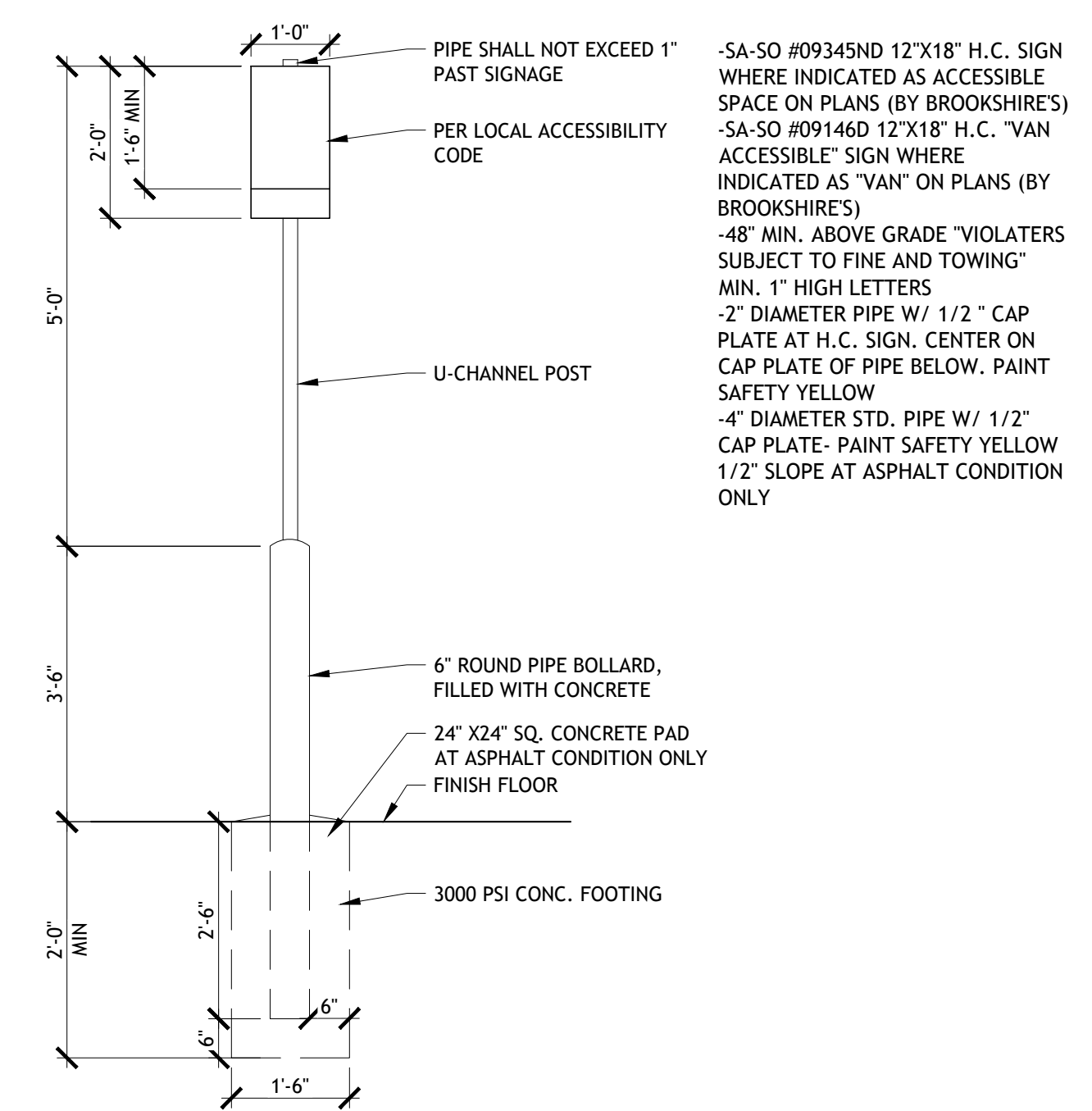
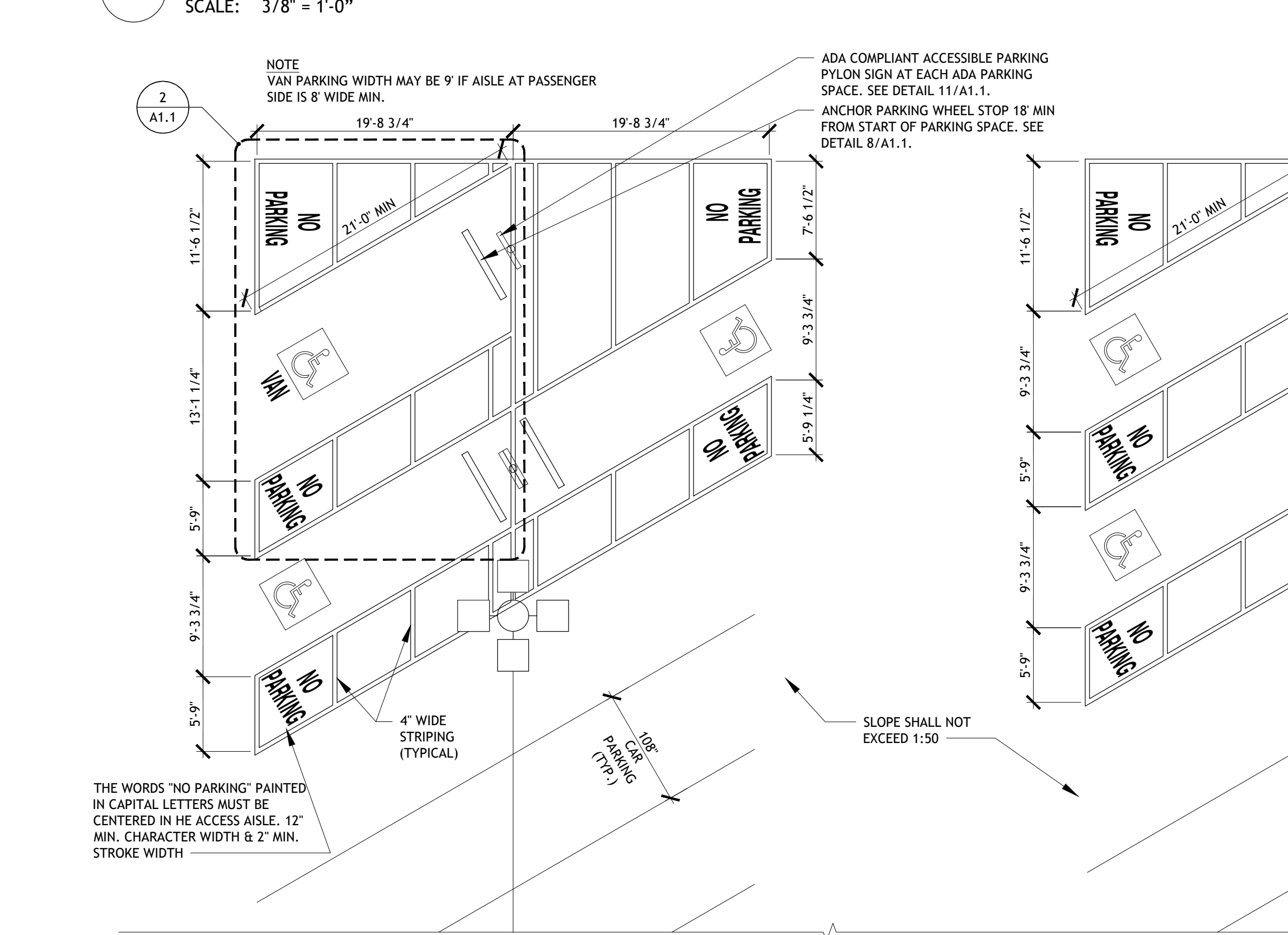
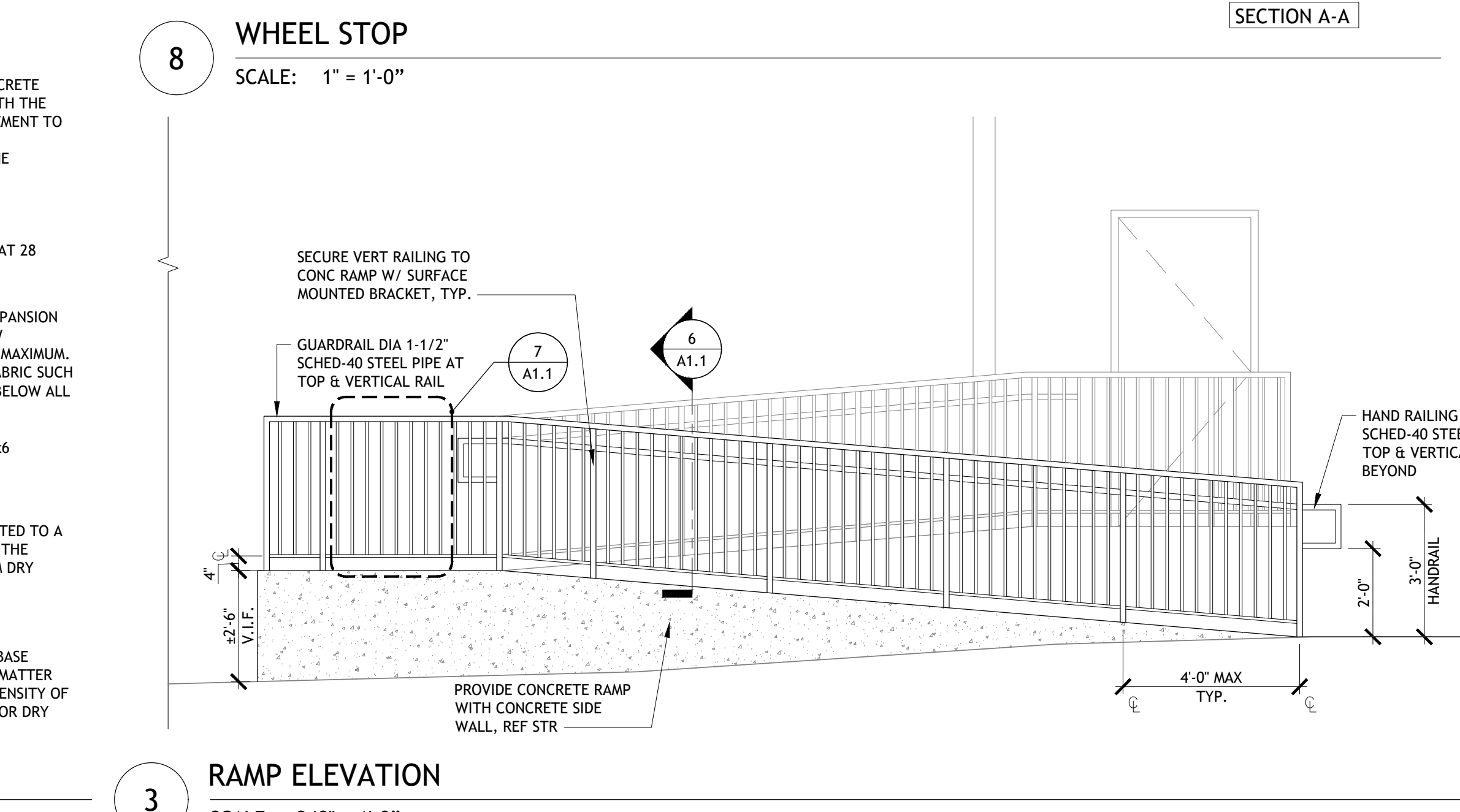
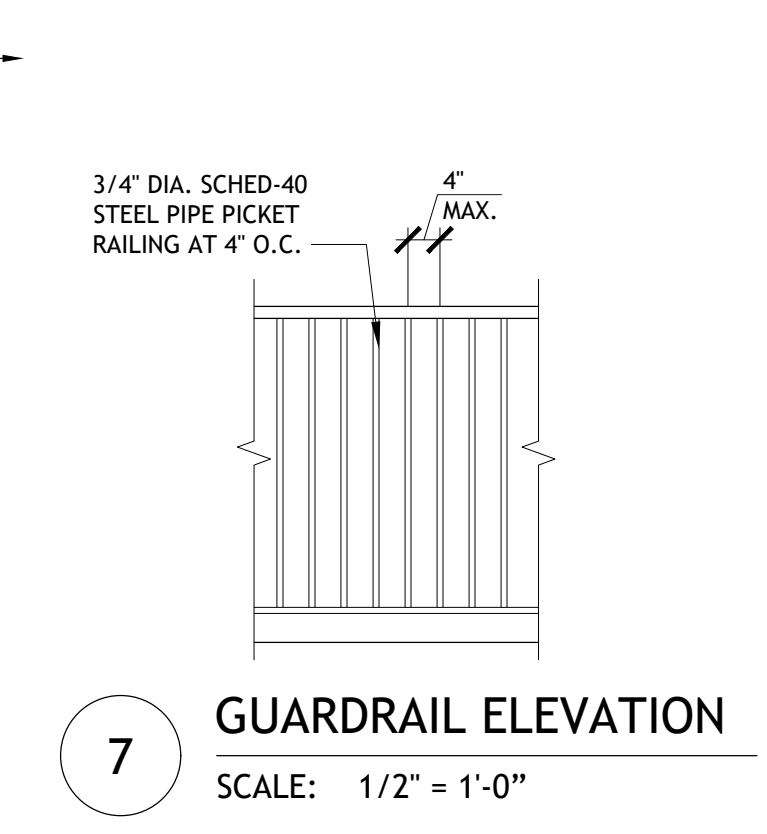
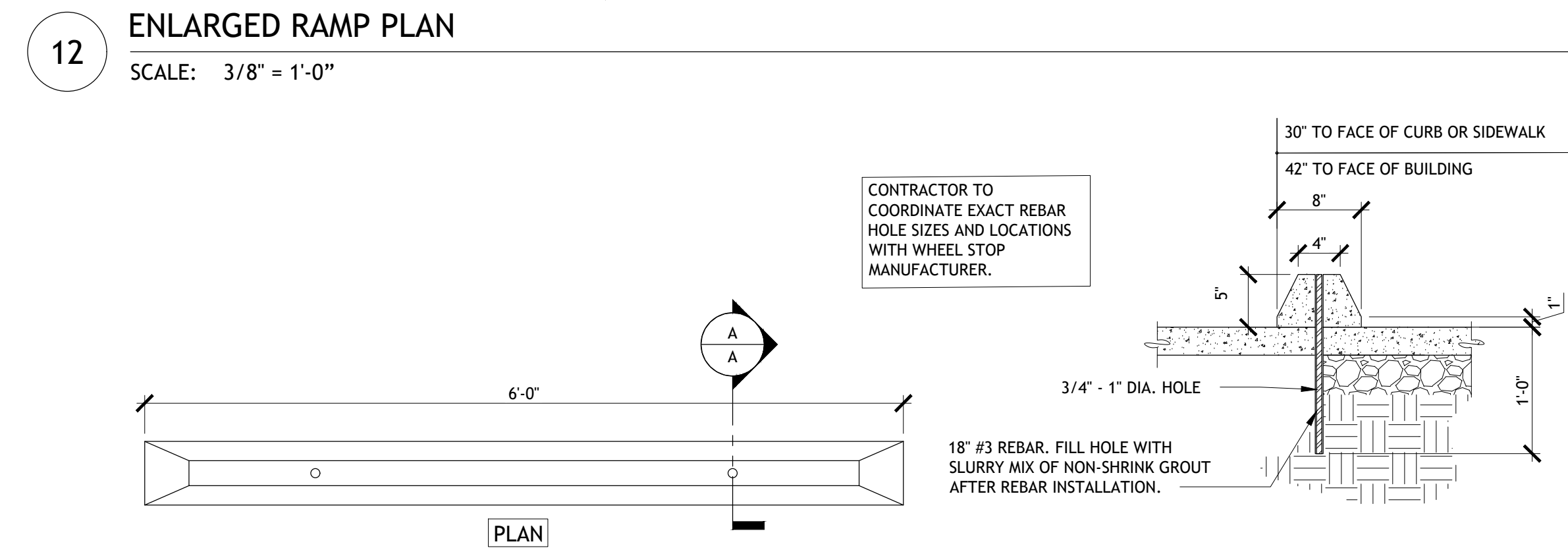
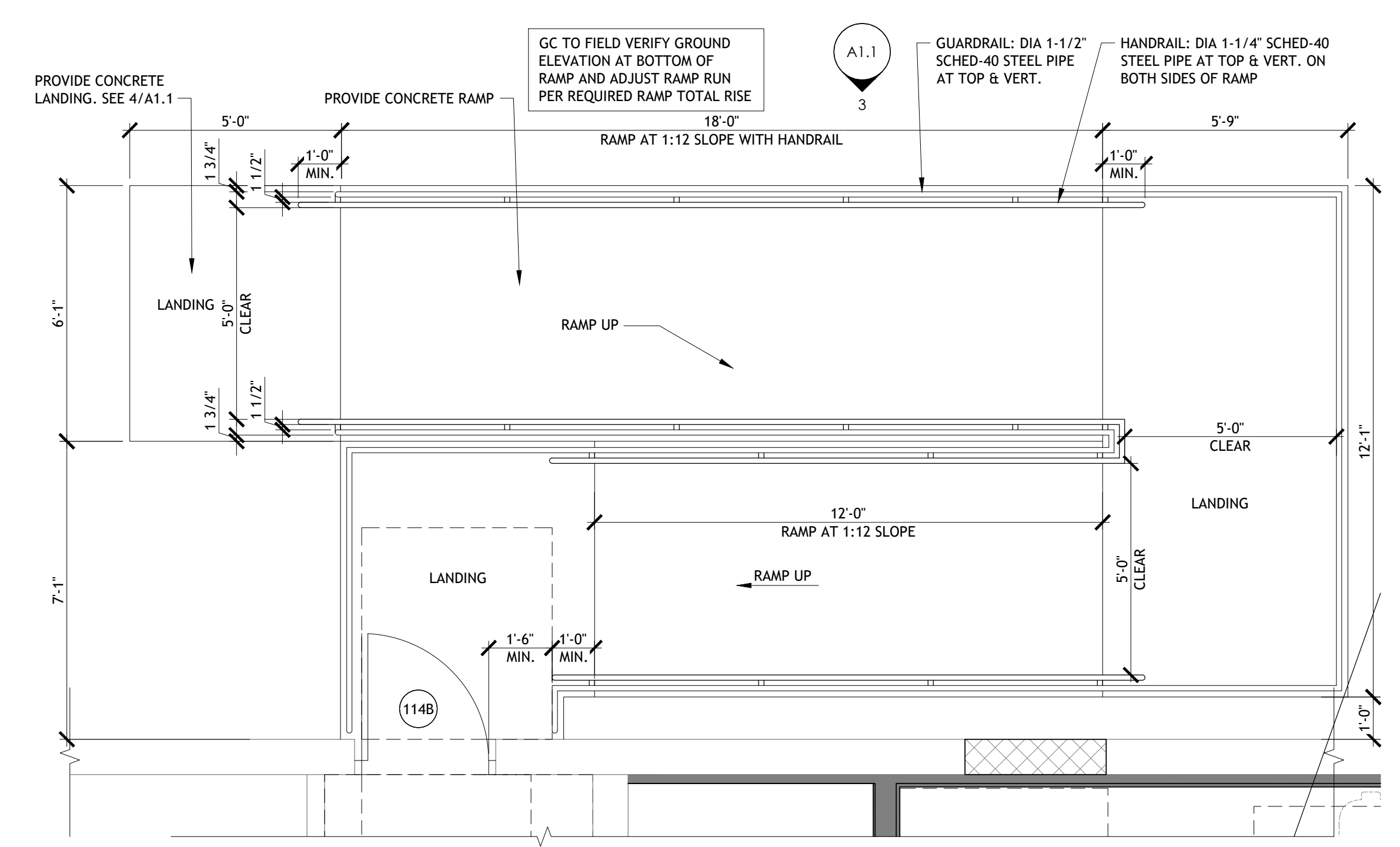
PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE: **09/23**

PROJECT NO: **4090600-0**

STORE NO: **906**

SHEET NO: **A1.1**



AS OF: 11/11/24

EQUIPMENT SCHEDULE table with columns: MARK, ITEM, MANUFACTURER, MODEL NO., VOLTS, PH, AMPS, BRANCH, DRAIN, BTU, WATER, GAS, VENT, DEPARTMENT, NOTES, COUNT.

FIXTURE SCHEDULE table with columns: MARK, ITEM, MANUFACTURER, MODEL NO., COLOR, DEPARTMENT, NOTES, COUNT.

REFRIGERATED CASE SCHEDULE table with columns: MODEL, MANUFACTURER, LENGTH, DOORS, TYPE, MISTING, DEPARTMENT, NOTES, COUNT.

CORE STATES GROUP logo and contact information for Angela Fullner, including phone number 952-937-3300 and website www.core-states.com.



Drawn: EDUARDO GUZMAN
Reviewed: A. FULLNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR

EQUIPMENT NOTES table with columns: NOTES, DESCRIPTION.

TABLES SCHEDULE table with columns: MARK, LENGTH, TOP, FRONT, DEPTH, BACKSPLASH, BOTTOM_SHELF, DEPARTMENT, COUNT.

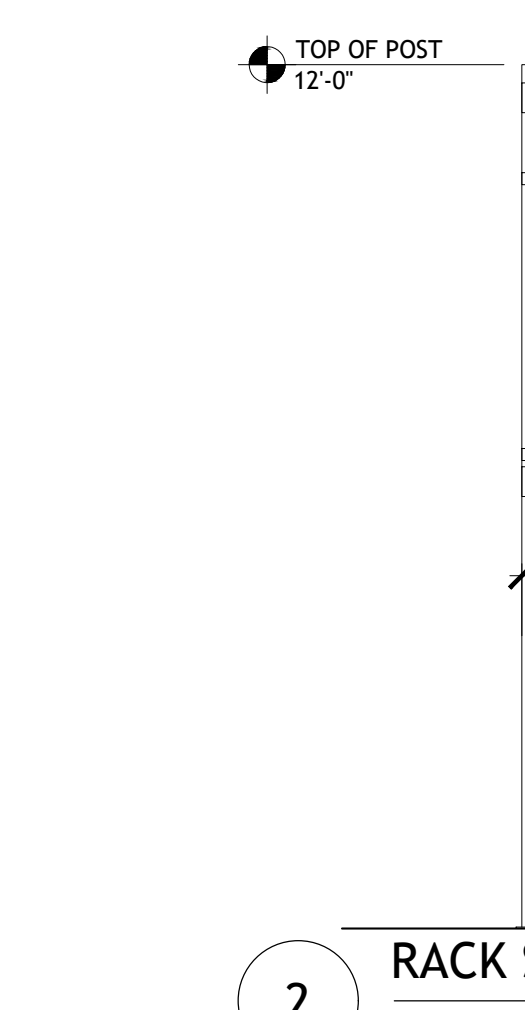
GONDOLA SCHEDULE table with columns: LENGTH, BASE SHELF, HEIGHT, MANUFACTURER, COLOR, DEPARTMENT, NOTES, COUNT, TOTAL.

RACKS & SHELVES SCHEDULE table with columns: MARK, TYPE, LENGTH, SHELF_MATERIAL, DEPTH, HEIGHT, CASTERS, CANTILEVERED, DEPARTMENT, NOTES, COUNT.

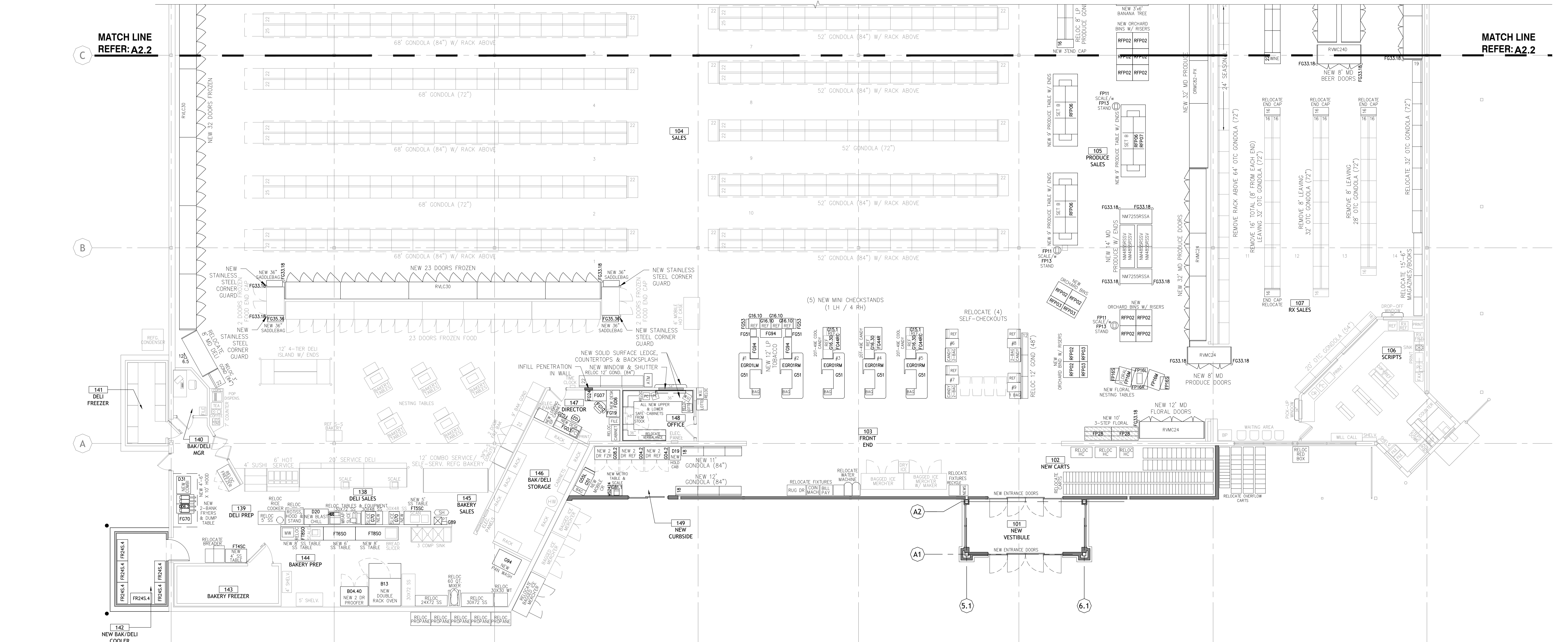
METRO SCHEDULE table with columns: MARK, TYPE, SHELF_MATERIAL, DEPTH, LENGTH, HEIGHT, CASTERS, COLOR, DEPARTMENT, NOTES, COUNT.

MAYCO PRODUCE FIXTURE ACCESSORIES table with columns: QTY, DESCRIPTION.

FIXTURE TOTALS table with columns: DEPARTMENT, DESCRIPTION, AMOUNT.



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



ENLARGED FIXTURE PLAN WEST SCALE: 1/8" = 1'-0"

REASON'S facility services logo with contact information.

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

REASON'S logo and address: 1624 N 3RD ST.

REVISION DESCRIPTION table with columns: NO., DATE, REVISION DESCRIPTION.

AS OF: 11/11/24
PROJECT NO: 4090600-0
STORE NO. 906
SHEET NO. A2.1

EQUIPMENT SCHEDULE table with columns: MARK, ITEM, MANUFACTURER, MODEL NO., VOLTS, PH, AMPS, BRANCH, DRAIN, BTU, WATER, GAS, VENT, DEPARTMENT, NOTES, COUNT.

FIXTURE SCHEDULE table with columns: MARK, ITEM, MANUFACTURER, MODEL NO., COLOR, DEPARTMENT, NOTES, COUNT.

REFRIGERATED CASE SCHEDULE table with columns: MODEL, MANUFACTURER, LENGTH, DOORS, TYPE, MISTING, DEPARTMENT, NOTES, COUNT.

CORE STATES GROUP logo and contact information: 111 3rd Avenue S, Suite 400, Minneapolis, MN 55401, www.core-states.com.



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Reviewed: A. FEULLNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR

REFRIGERATED CASE NOTES table with columns: NOTES, DESCRIPTION.

MAYCO PRODUCE FIXTURE ACCESSORIES table with columns: QTY, DESCRIPTION.

FIXTURE TOTALS table with columns: DEPARTMENT, DESCRIPTION, AMOUNT.

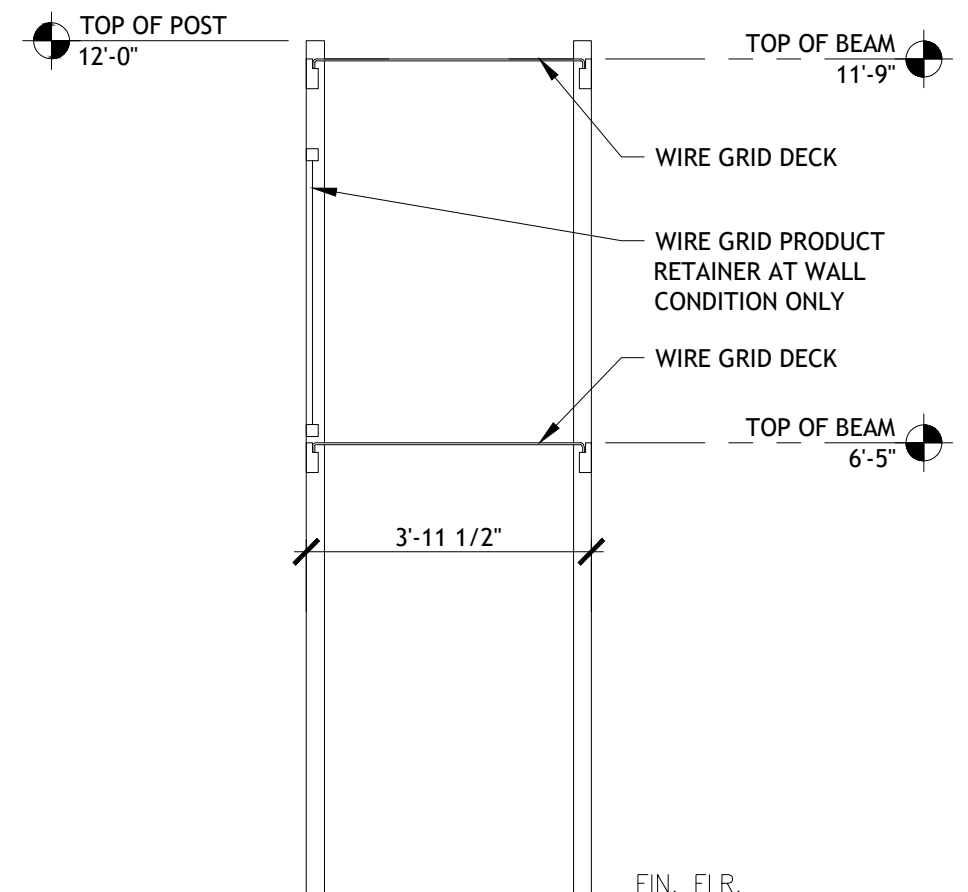
EQUIPMENT NOTES table with columns: NOTES, DESCRIPTION.

RACKS & SHELVES SCHEDULE table with columns: MARK, TYPE, LENGTH, SHELF MATERIAL, DEPTH, HEIGHT, CASTERS, CANTILEVERED, DEPARTMENT, NOTES, COUNT.

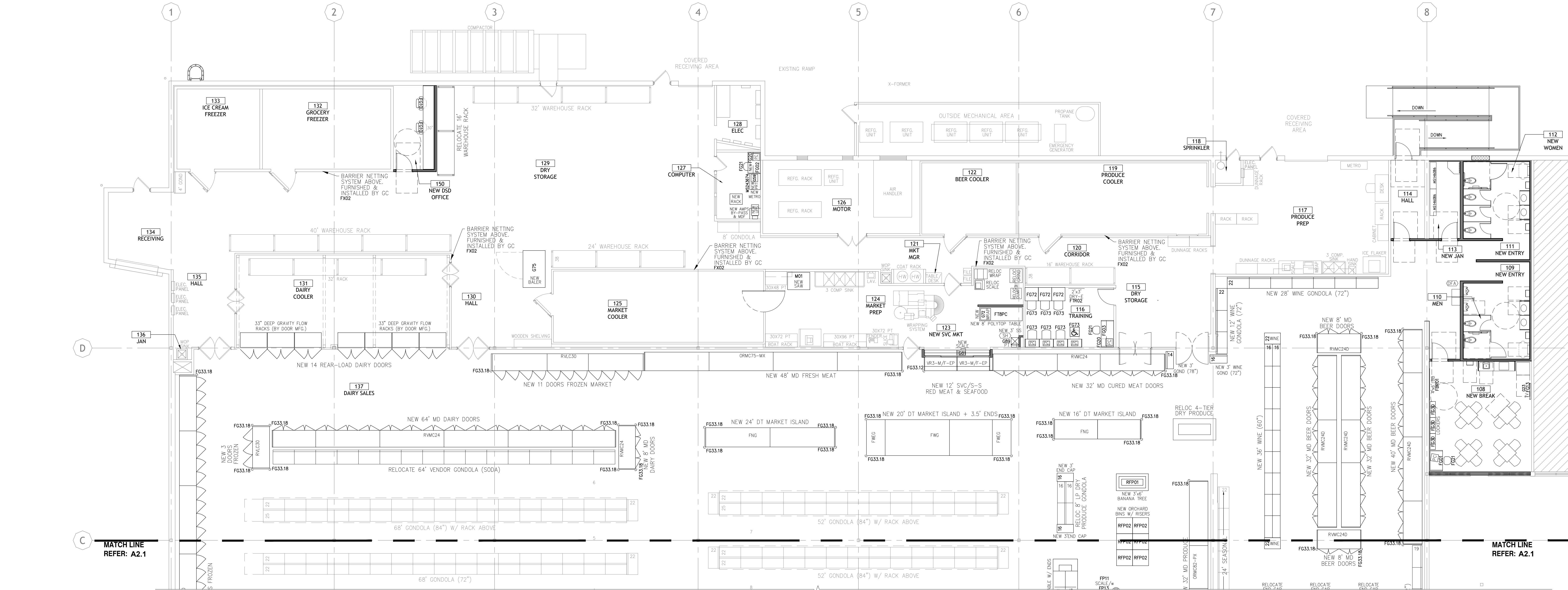
METRO SCHEDULE table with columns: MARK, TYPE, SHELF MATERIAL, DEPTH, LENGTH, HEIGHT, CASTERS, COLOR, DEPARTMENT, NOTES, COUNT.

TABLES SCHEDULE table with columns: MARK, LENGTH, TOP, FRONT, DEPTH, BACKSPLASH, BOTTOM SHELF, DEPARTMENT, COUNT.

GONDOLA SCHEDULE table with columns: LENGTH, BASE SHELF, HEIGHT, MANUFACTURER, COLOR, DEPARTMENT, NOTES, COUNT, TOTAL.



2 RACK SECTION SCALE: 3/8" = 1'-0"



1 ENLARGED FIXTURE PLAN EAST SCALE: 1/8" = 1'-0"

Vertical advertisement for BGC BROOKSHIRE GROCERY COMPANY facility services, featuring the phone number #906 and address 430 E. Front St. Tyler, TX 75702.

Vertical advertisement for Remodel Reason's, featuring the phone number #906 and address 1624 N 3RD ST.

Vertical advertisement for Project No. 4090600-0, Store No. 906, Sheet No. A2.2, dated 09/23.

DEMO GENERAL NOTES

1. THESE DRAWINGS ARE FOR INTENT ONLY. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.
2. REMOVE ALL EXISTING APPLIED DECORATIVE GRAPHICS AND ASSOCIATED DECOR. EXISTING WALLS ARE TO BE PREPPED FOR NEW PAINT.
3. PATCH AND REPAIR EXISTING WALLS TO MATCH SURROUNDING WALLS WHERE DEMOLITION OR REMOVAL OF ELEMENTS OCCURS.
4. TAKE PRECAUTIONS TO PROTECT ANY AREA NOT TO BE DEMOLISHED. REPAIR ANY DAMAGED SURFACES SCHEDULED FOR NEW FINISH.
5. SHORE ANY LOAD BEARING STRUCTURE AS REQUIRED TO DEMOLISHED AREAS.

DEMO KEY NOTES

- 1 REMOVE PORTION OF EXISTING WALL
- 2 REMOVE PORTION OF EXISTING COOLER/FREEZER WALL AND CEILING PANEL
- 3 REMOVE EXISTING DOOR AND FRAME
- 4 CUT PICK-UP WINDOW FLUSH AND PREP FOR NEW ACCESSIBLE COMPLIANT COUNTER (SEE 9/A3.1.1)
- 5 REMOVE EXISTING FLOORING AND RELATED ITEMS TO CONCRETE SLAB THROUGHOUT. TYP. PREP AS REQUIRED FOR NEW FLOOR FINISH. REF. FINISH PLAN
- 6 BOLLARDS TO BE CUT FLUSH AT GROUND LEVEL. PATCH & REPAIR CONCRETE
- 7 REMOVE PORTION OF STOREFRONT/WALL AND PREP FOR NEW DOORS AND VESTIBULE. COLUMNS WITHIN STOREFRONT TO REMAIN.
- 8 REMOVE MILLWORK
- 9 REMOVE PANELING AND PREP FOR GYP BD. FINISH.

DEMO KEY NOTES

- 10 EXISTING COOLERS AND HORIZONTAL COOLER STRUCTURAL FRAME TO REMAIN U.N.O.
- 11 REMOVE CONCRETE PAD
- 12 REMOVE PLUMBING FIXTURES, STALLS, AND ACCESSORIES
- 13 EXISTING COLUMN TO REMAIN - TYP
- 14 REMOVE STAIRS AND PREPARE AREA TO RAISE FLOOR
- 15 REMOVE STOREFRONT SYSTEM & DOOR. PREPARE OPENING FOR INFILL
- 16 RELOCATE COLUMN AS NECESSARY.
- 17 PLUMBING TRENCHING. SEE SHEET A4.0 FOR PIT PLAN
- 18 REMOVE AND RELOCATE HOSE BIB.
- 19 REMOVE PORTION OF CANOPY STRUCTURE
- 20 LINE OF OVERHEAD STRUCTURE TO REMAIN
- 21 REMOVE RECEIVING WINDOW AND PREPARE OPENING FOR NEW WINDOW AND SECURITY SHUTTER ON OFFICE SIDE

DEMO LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED

NOTE:

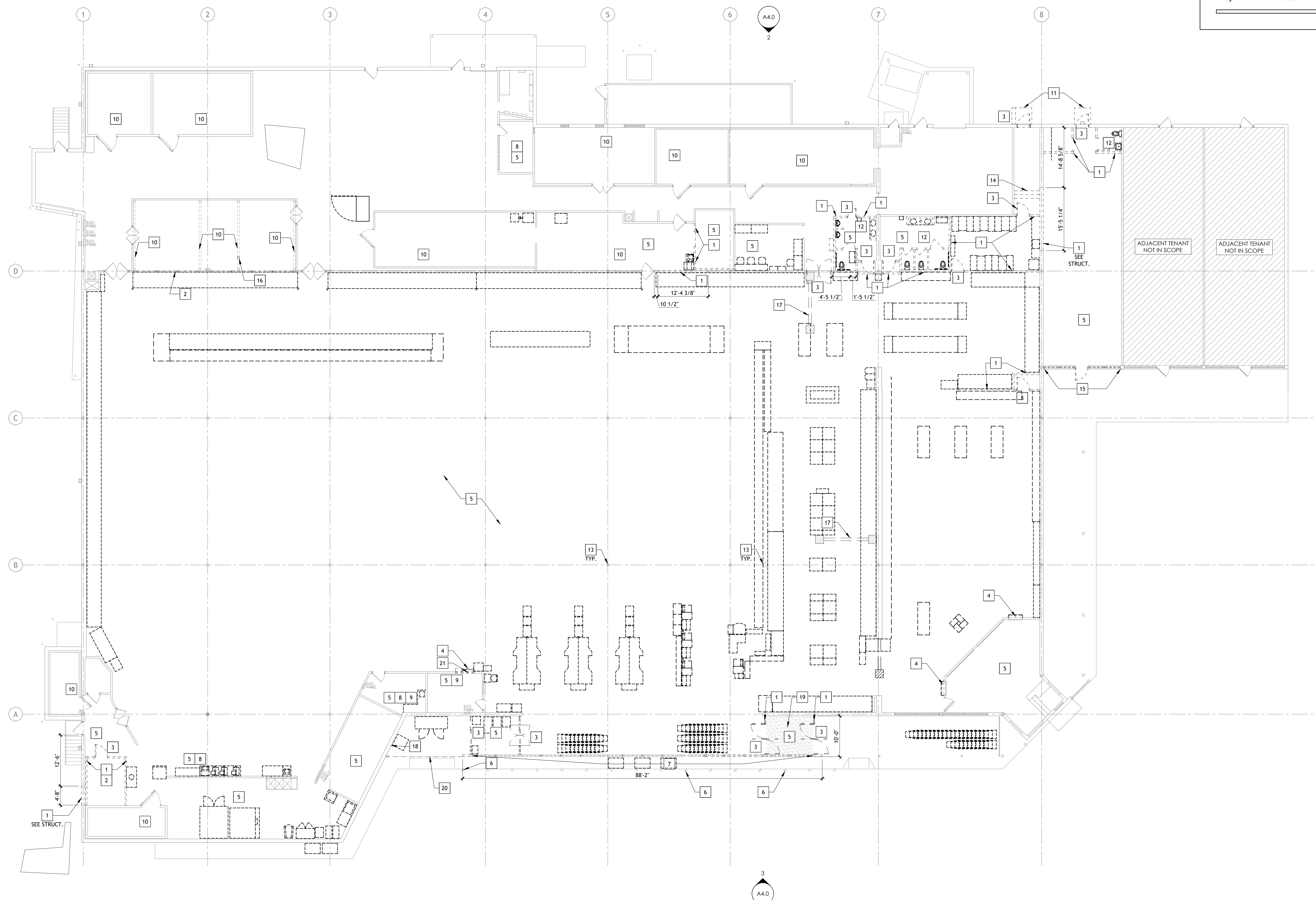
TYP. = TYPICAL
UNO = UNLESS NOTED OTHERWISE

CORE STATES GROUP

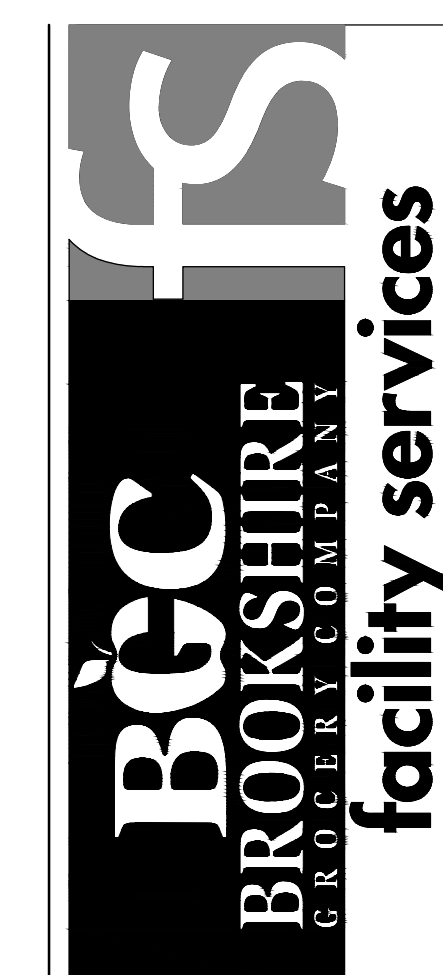
CORESTATES DESIGN P.C.
111 3rd Avenue S
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612.547.1300
Minneapolis, MN 55401
www.core-states.com



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Reviewed: A. FEULNER
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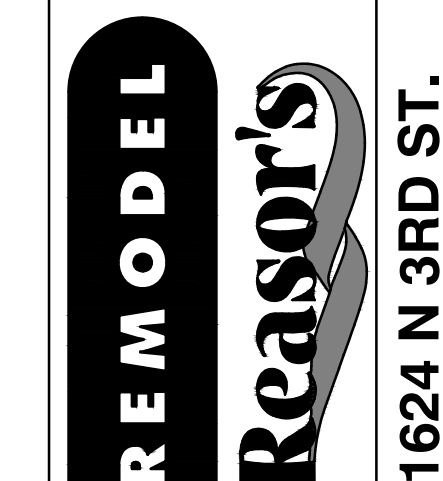


1 OVERALL DEMOLITION FLOOR PLAN
SCALE: 3/32" = 1'-0"



430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK



NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:	DATE
<input type="checkbox"/> PRELIMINARY	09/23
<input type="checkbox"/> REVIEW	PROJECT NO.
<input type="checkbox"/> PERMIT	4090600-0
<input type="checkbox"/> BIDDING	STORE NO.
<input type="checkbox"/> CONSTRUCTION	906

AS OF: 11/11/24
PROJECT NO. 4090600-0
STORE NO. 906
SHEET NO. A3.0

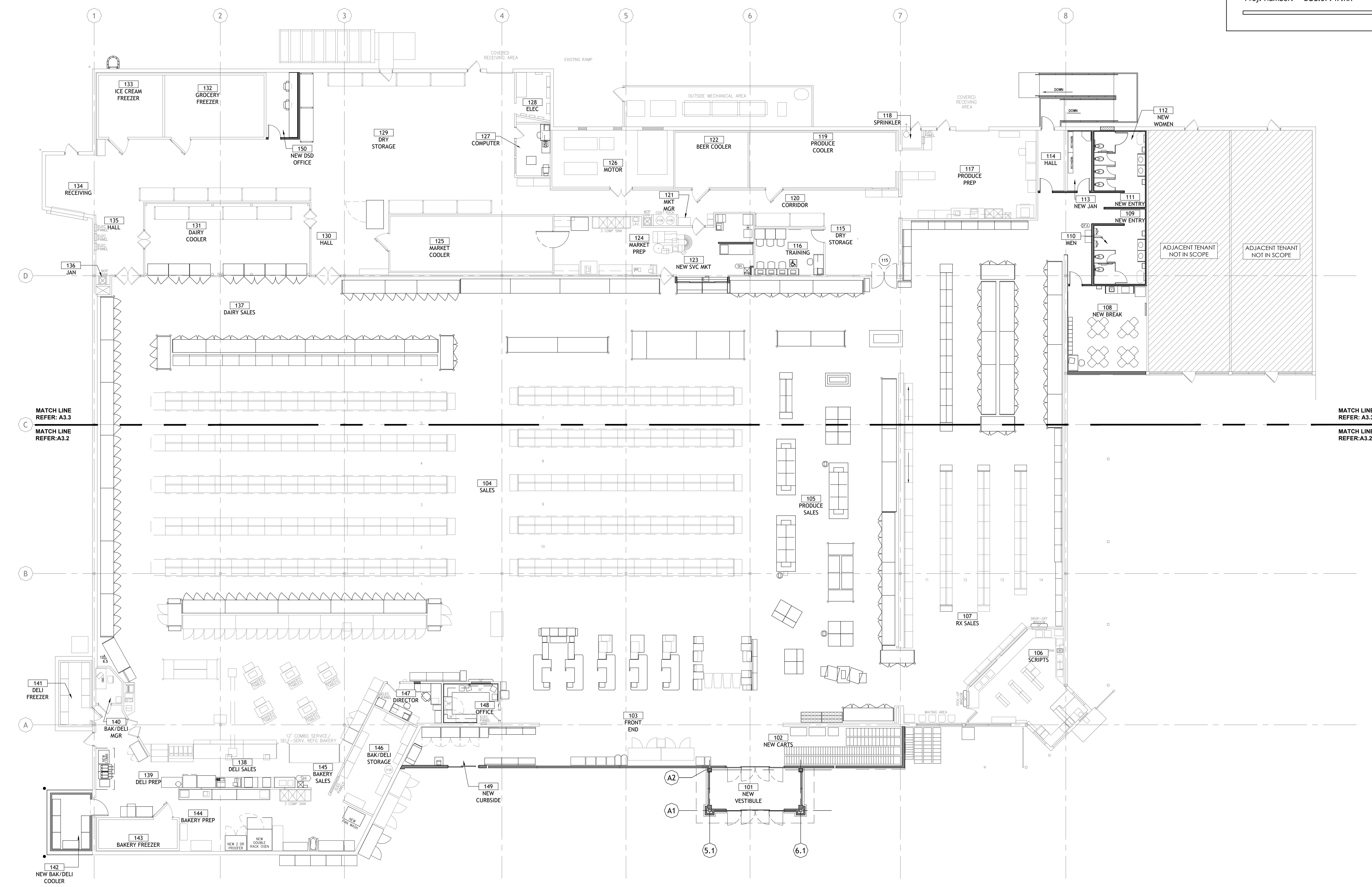
CORE STATES

GROUP

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GROCERY COMPANY
facility services

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39,756 SF
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REMODEL
Reason's
1624 N 3RD ST.

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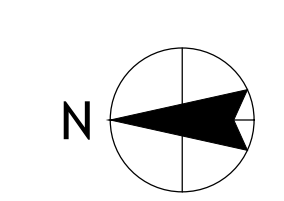
DATE
09/23
PROJECT NO.
4090600-0
STORE NO.

906
SHEET NO.

A3.1

AS OF: 11/11/24

1 OVERALL FLOOR PLAN
SCALE: 3/32" = 1'-0"



GENERAL NOTES

1. THESE DRAWINGS ARE FOR INTENT ONLY. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.
2. MOVE REFRIGERATION CASES AND GONDOLAS AS REQUIRED TO REPAIR MULTI-PLANE GYP. BD. SURFACES. ALL EXPOSED GYP. BD. SURFACES SHALL BE PAINTED AT REFRIGERATION CASES AND GONDOLAS LOCATED ALONG WALLS UNLESS NOTES OTHERWISE. REMOVAL OF EXISTING REFRIGERATION CASES AND GONDOLAS SCHEDULED TO REMAIN IS NOT REQUIRED SO AS TO PAINT THE ENTIRE WALL.
3. ALL WALLS ARE DIMENSIONED TO THE FACE OF THE STUD UNLESS NOTED OTHERWISE (U.N.O.)
4. CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING ELECTRICAL AND OTHER SYSTEM IN WALLS WITH LOCATIONS OF WALL-MOUNTED ACCESSORIES AND MILLWORK TO AVOID ANY CONFLICTS.
5. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION.
6. CONTRACTOR POSITION AND MOUNT ALL FIXTURES ACCORDING TO DIRECTIONS PROVIDED ON SHEET G2.0
7. REFER TO PROJECT MANUAL FOR ITEM SPECIFICATIONS.
8. DO NOT SCALE DRAWINGS IF DIMENSIONS ARE IN QUESTION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT.
9. CONTRACTOR SHALL FILL AND PATCH ALL OPENINGS AND HOLES, SEAL AROUND ALL PIPES, DUCTS, ETC. AND ENSURE THE INTEGRITY OF ALL REQUIRED FIRE AND/OR SMOKE SEPARATIONS. IN ACCORDANCE WITH APPLICABLE CODES AND ORDINANCES PROVIDE MANUFACTURER PRODUCT DATA SHEETS FOR EACH PRODUCT APPLICATION INDICATING PROPER INSTALLATIONS REQUIREMENTS AND UL RATING

FLOOR PLAN KEY NOTES

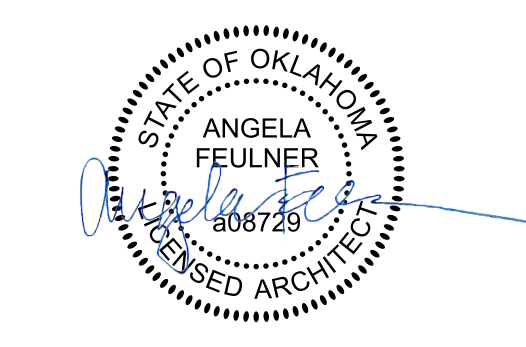
- 1 DELI COOLER TO BE PROVIDED BY MANUFACTURER
- 2 EXISTING IMPACT DOORS, GC TO BRING TO LIKE NEW CONDITIONS AS NECESSARY
- 3 PREP ALL EXISTING GYP BD SURFACES IN SALES, PRODUCE SALES & FRONT END FOR NEW PAINT
- 4 PREP EXISTING FLOOR TO RECEIVE NEW FLOORING. SEE A3.4 FOR FLOORING FINISHES
- 5 CONCRETE PAD TO MATCH EXISTING. SEE STRUCTURAL FOR ADTLL. INFO
- 6 EXISTING COLUMN TO REMAIN, PREP TO PAINT PT-1
- 7 PROVIDE ROOF ACCESS LADDER. CONFIRM LOCATION WITH OWNER
- 8 PROVIDE GYPSUM BOARD ON WALLS
- 9 8" DIA. STEEL PIPE FILLED CONCRETE. PIPE TO BE PAINTED YELLOW. SEE DETAIL S/A1.1
- 10 REPLACE DOCK SEALS WITH NEW
- 11 REPAIR CONCRETE CURB TO LIKE NEW CONDITION, PAINT YELLOW.
- 12 HATCH INDICATES TO RAISE CONCRETE FLOOR TO SALES FLOOR FINISHED FLOOR
- 13 PROVIDE HANDSINK (HS)
- 14 PROVIDE ADA COMPLIANT COUNTER AND SERVICE WINDOW
- 15 CAP FLOOR DRAINS FROM PREVIOUS RESTROOM LOCATION
- 16 INFILL PENETRATION IN WALL TO MATCH ADJACENT WALL

FLOOR PLAN LEGEND (NOT ALL ITEMS BELOW MAY BE USED.)

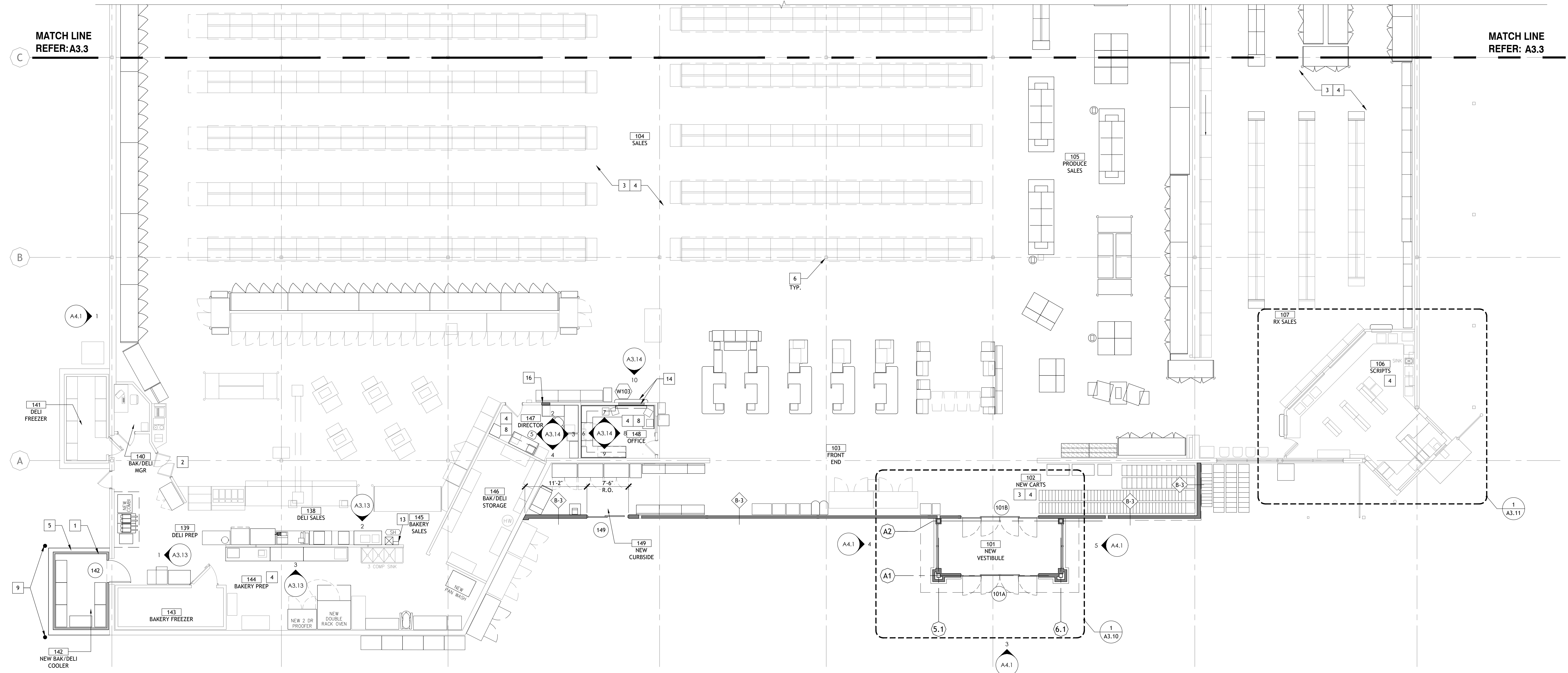
- WALL CONSTRUCTION: REFER TO WALL TYPE DETAILS
- INFILL WALL TO MATCH EXG
- FREEZER/ COOLER WALL PANEL BY VENDOR
- EXISTING WALL CONSTRUCTION UNDER SEPARATE PERMIT

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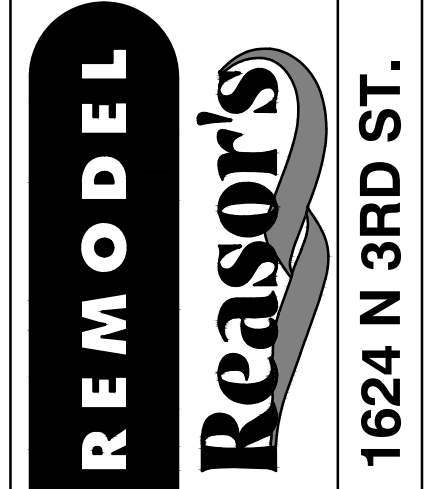


1 ENLARGED FLOOR PLAN WEST
SCALE: 1/8" = 1'-0"



430 E. Front St.
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39,756 SF
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LANGLEY, OK



1624 N 3RD ST.

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<input type="checkbox"/> PERMIT	4090600-0
<input type="checkbox"/> BIDDING	STORE NO.
<input type="checkbox"/> CONSTRUCTION	906

AS OF: 11/11/24
SHEET NO. A3.2

- GENERAL NOTES**
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 2. MOVE REFRIGERATION CASES AND GONDOLAS AS REQUIRED TO REPAIR MULTI-PLANE GYP. BD. SURFACES. ALL EXPOSED GYP. BD. SURFACES SHALL BE PAINTED AT REFRIGERATION CASES AND GONDOLAS LOCATED ALONG WALLS UNLESS NOTES OTHERWISE. REMOVAL OF EXISTING REFRIGERATION CASES AND GONDOLAS SCHEDULED TO REMAIN IS NOT REQUIRED SO AS TO PAINT THE ENTIRE WALL.
 3. ALL WALLS ARE DIMENSIONED TO THE FACE OF THE STUD UNLESS NOTED OTHERWISE (U.N.O.)
 4. CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING ELECTRICAL AND OTHER SYSTEM IN WALLS WITH LOCATIONS OF WALL-MOUNTED ACCESSORIES AND MILLWORK TO AVOID ANY CONFLICTS.
 5. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION.
 6. CONTRACTOR POSITION AND MOUNT ALL FIXTURES ACCORDING TO DIRECTIONS PROVIDED ON SHEET G2.0
 7. REFER TO PROJECT MANUAL FOR ITEM SPECIFICATIONS.
 8. DO NOT SCALE DRAWINGS IF DIMENSIONS ARE IN QUESTION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT.
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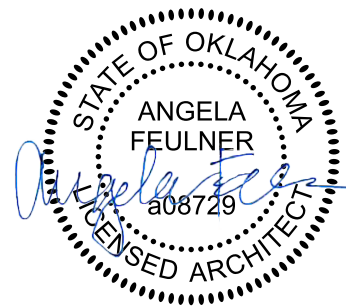
- FLOOR PLAN KEY NOTES**
- 1 DELI COOLER TO BE PROVIDED BY MANUFACTURER
 - 2 EXISTING IMPACT DOORS. GC TO BRING TO LIKE NEW CONDITIONS AS NECESSARY
 - 3 PREP ALL EXISTING GYP BD SURFACES IN SALES, PRODUCE SALES & FRONT END FOR NEW PAINT
 - 4 PREP EXISTING FLOOR TO RECEIVE NEW FLOORING. SEE A3.4 FOR FLOORING LAYOUT
 - 5 CONCRETE PAD TO MATCH EXISTING. SEE STRUCTURAL FOR ADDTL. INFO
 - 6 EXISTING COLUMN TO REMAIN, PREP FOR PAINT, SEE A3.4
 - 7 PROVIDE OSHA COMPLIANT ROOF TOP LADDER AND CAGE. SEE 3/A5.2 FOR DETAIL.
 - 8 PROVIDE GYPSUM BOARD ON WALLS
 - 9 8" DIA. STEEL PIPE FILLED CONCRETE. PIPE TO BE PAINTED YELLOW. SEE DETAIL 8 ON SHEET A1.1
 - 10 REPLACE DOCK SEALS WITH NEW
 - 11 REPAIR CONCRETE CURB TO LIKE NEW CONDITION, PAINT YELLOW.
 - 12 HATCH INDICATES CONCRETE SLAB. INFILL TO MATCH LEVEL FLOOR AT SALES FLOOR
 - 13 PROVIDE HANDSINK (H5)
 - 14 PROVIDE ADA COMPLIANT COUNTER AT SALES FLOOR SIDE
 - 15 CAP FLOOR DRAINS FROM PREVIOUS RESTROOM LOCATION

- FLOOR PLAN LEGEND** (NOT ALL ITEMS BELOW MAY BE USED.)
- WALL CONSTRUCTION: REFER TO WALL TYPE DETAILS
 - INFILL WALL TO MATCH EXG
 - FREEZER/COOLER WALL PANEL BY VENDOR
 - EXISTING WALL CONSTRUCTION UNDER SEPARATE PERMIT

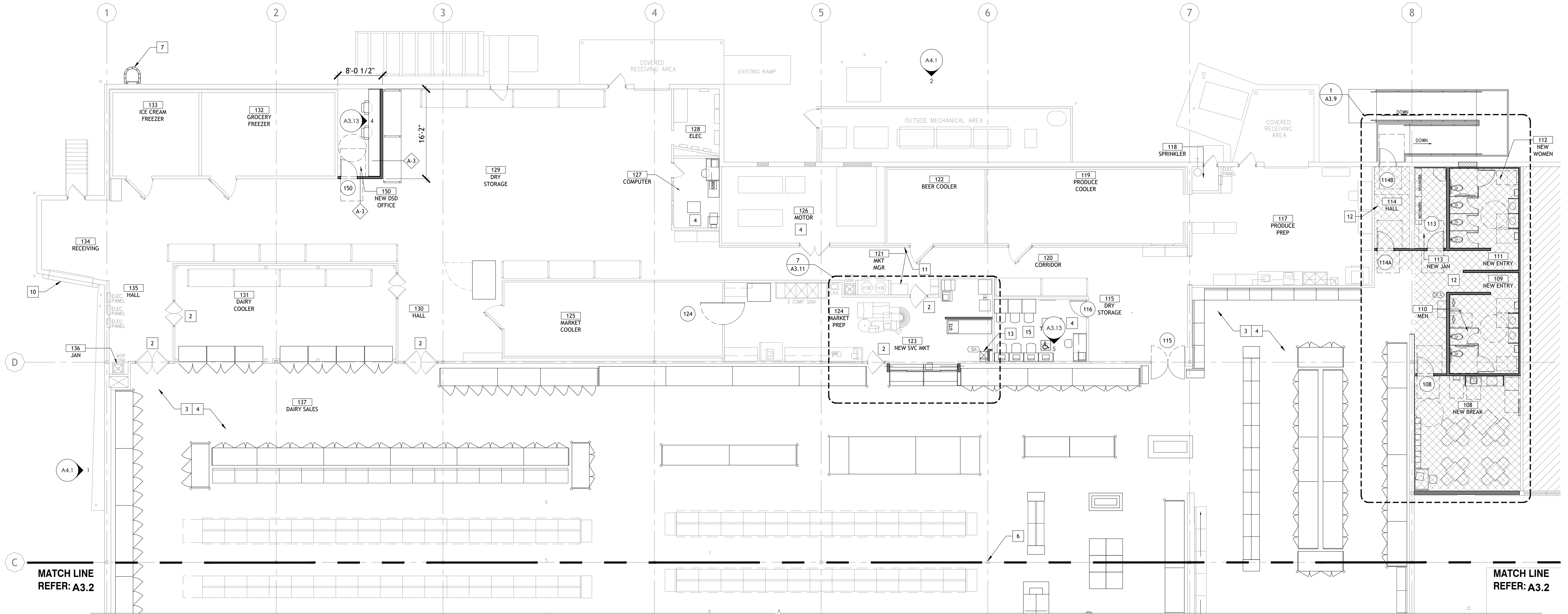
CORE STATES GROUP

CORESTATES DESIGN P.C.

111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com



Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR



1 ENLARGED FLOOR PLAN EAST
SCALE: 1/8" = 1'-0"

BGC BROOKSHIRE
GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

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	<input type="checkbox"/> BIDDING
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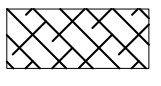

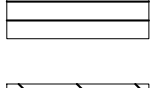

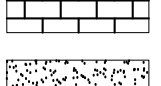

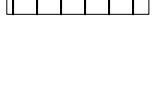
DATE: **09/23**
PROJECT NO: **4090600-0**
STORE NO.: **906**
SHEET NO.: **A3.3**

AS OF: 11/11/24

GENERAL NOTES

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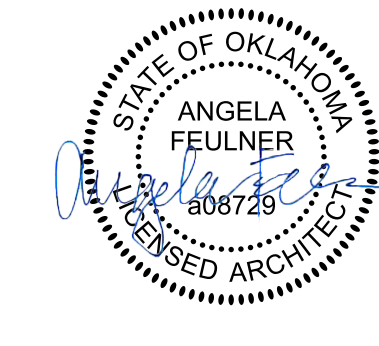
FINISH FLOOR PLAN LEGEND

-  VCT-1 GERFLOR - CREATION CLIC SYSTEM #0360 "DEEP FOREST" RANDOM STAGGERED PLANKS
-  EXG EXISTING TO REMAIN
-  CPT-1 MATWORKS REPP - TILE, PATTERN: DIAGONAL, COLOR: ANTHRACITE
-  CPT-2 ANTI-FATIGUE CARPET TILE; PORTICO SYSTEMS, SENATOR SOFT-STEP PLUS, 18" X 18" MODULAR, "CHARCOAL," INSTALL IN MONOLITHIC PATTERN
-  FT-1 PORCELAIN TILE (DIAGONAL GRID PATTERN)
-  CR-1 SEALED CONCRETE
-  EPX-1 ECO GRIP FLOORING

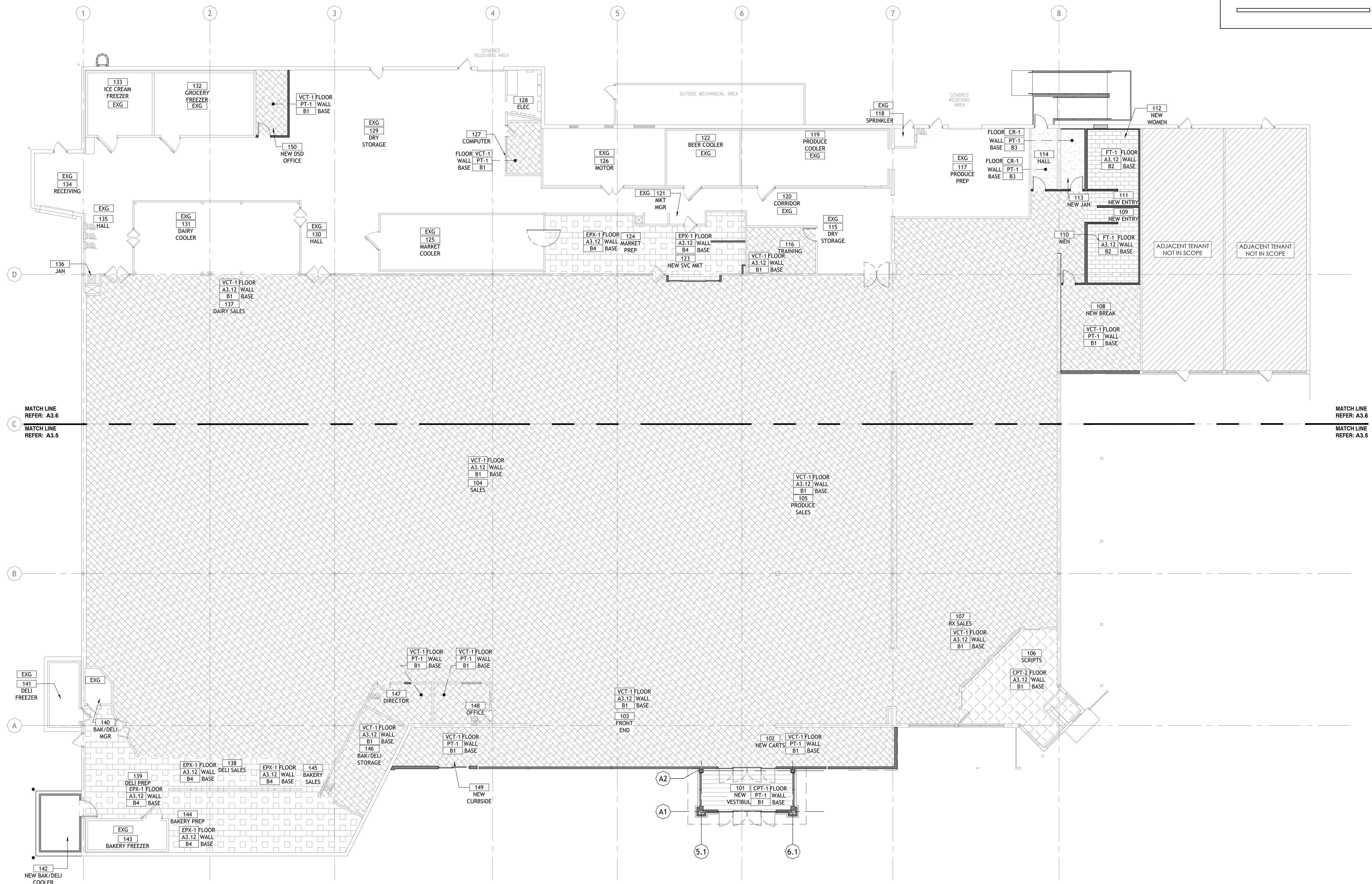
CORE STATES GROUP

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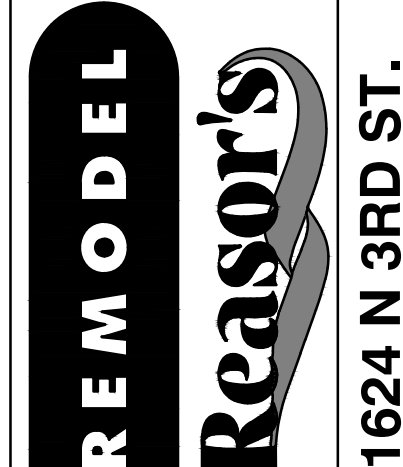


Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR



430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK



1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
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	<input type="checkbox"/> CONSTRUCTION

DATE: **09/23**
PROJECT NO: **4090600-0**
STORE NO.

906
SHEET NO.

A3.4

1 OVERALL FLOOR FINISH PLAN
SCALE: 3/32" = 1'-0"



AS OF: 11/11/24

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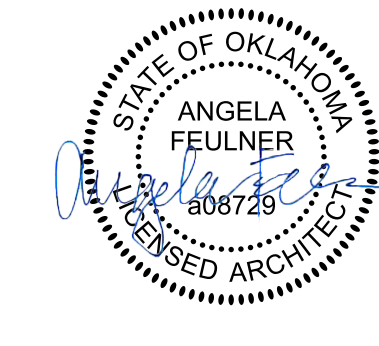
FINISH FLOOR PLAN LEGEND

	VCT-1	GERFLOR - CREATION CLIC SYSTEM #0360 "DEEP FOREST" RANDOM STAGGERED PLANKS
	EXG	EXISTING TO REMAIN
	CPT-1	MATTWORKS REPP - TILE, PATTERN: DIAGONAL, COLOR: ANTHRACITE
	CPT-2	ANTI-FATIGUE CARPET TILE; PORTICO SYSTEMS, SENATOR SOFT-STEP PLUS, 18" X 18" MODULAR, "CHARCOAL," INSTALL IN MONOLITHIC PATTERN
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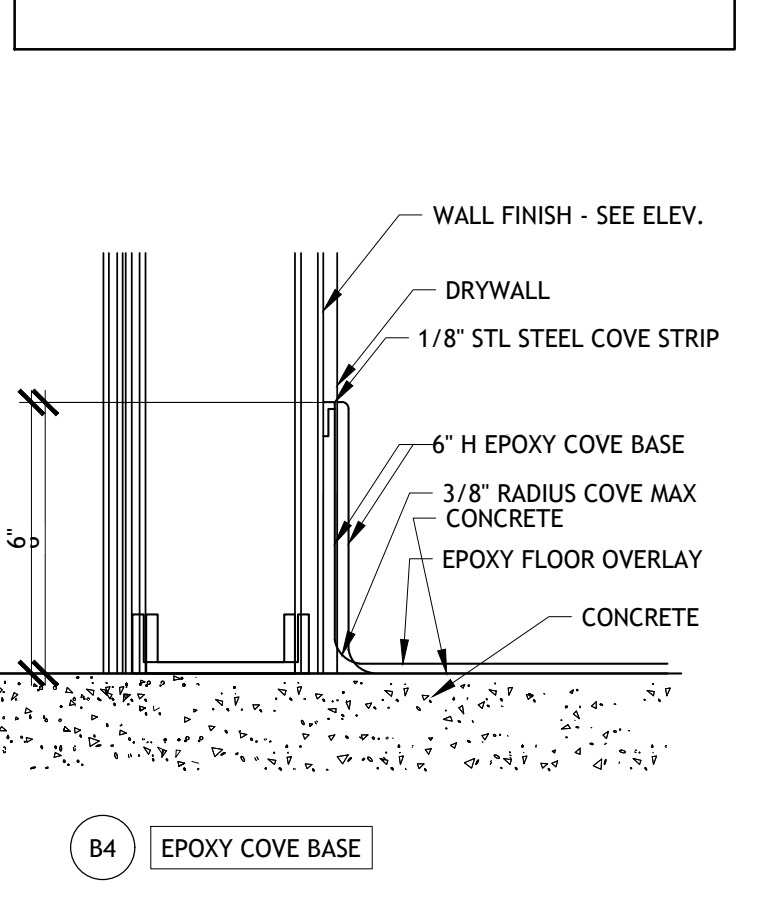
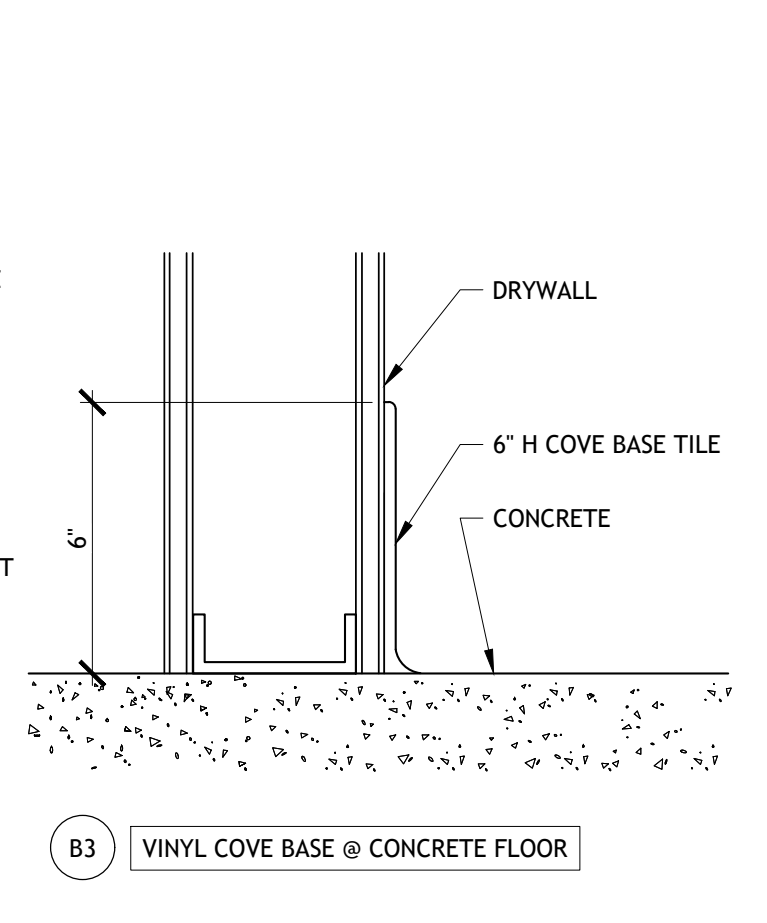
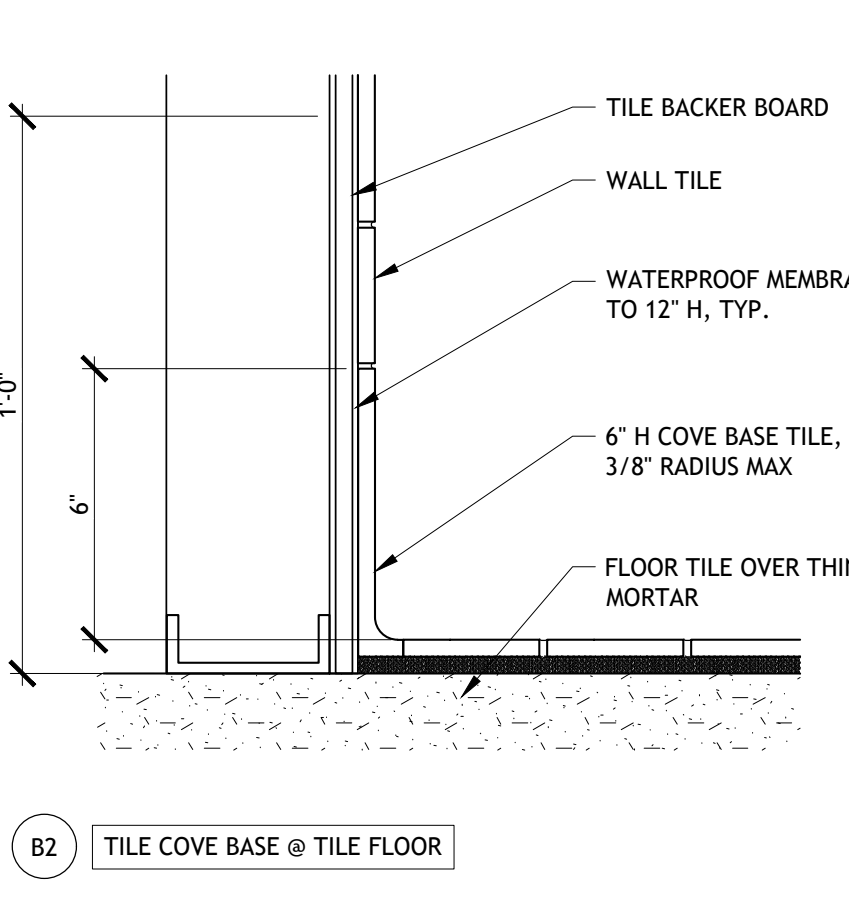
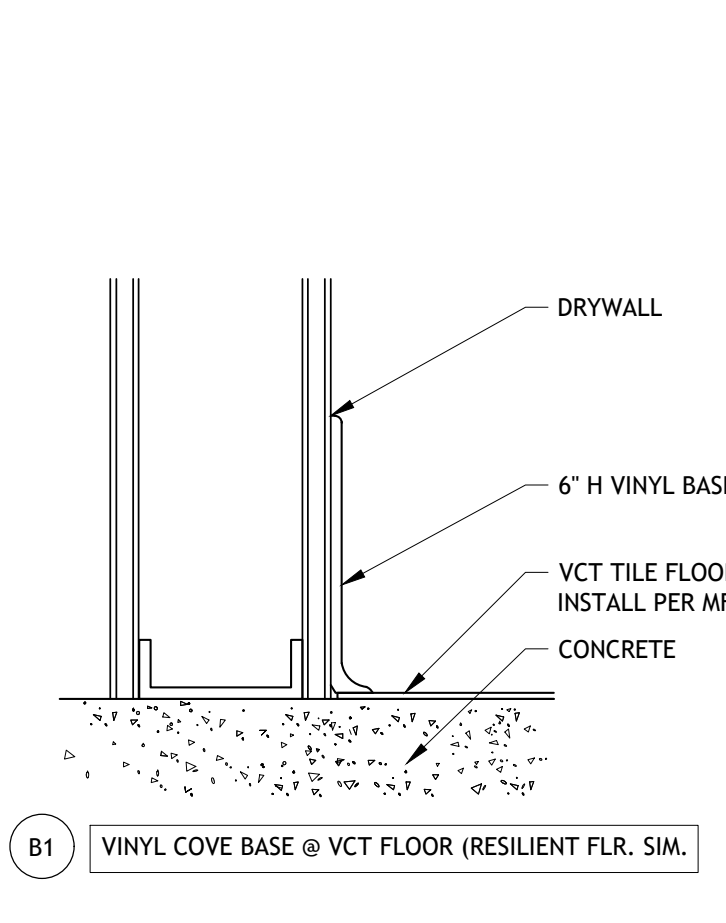
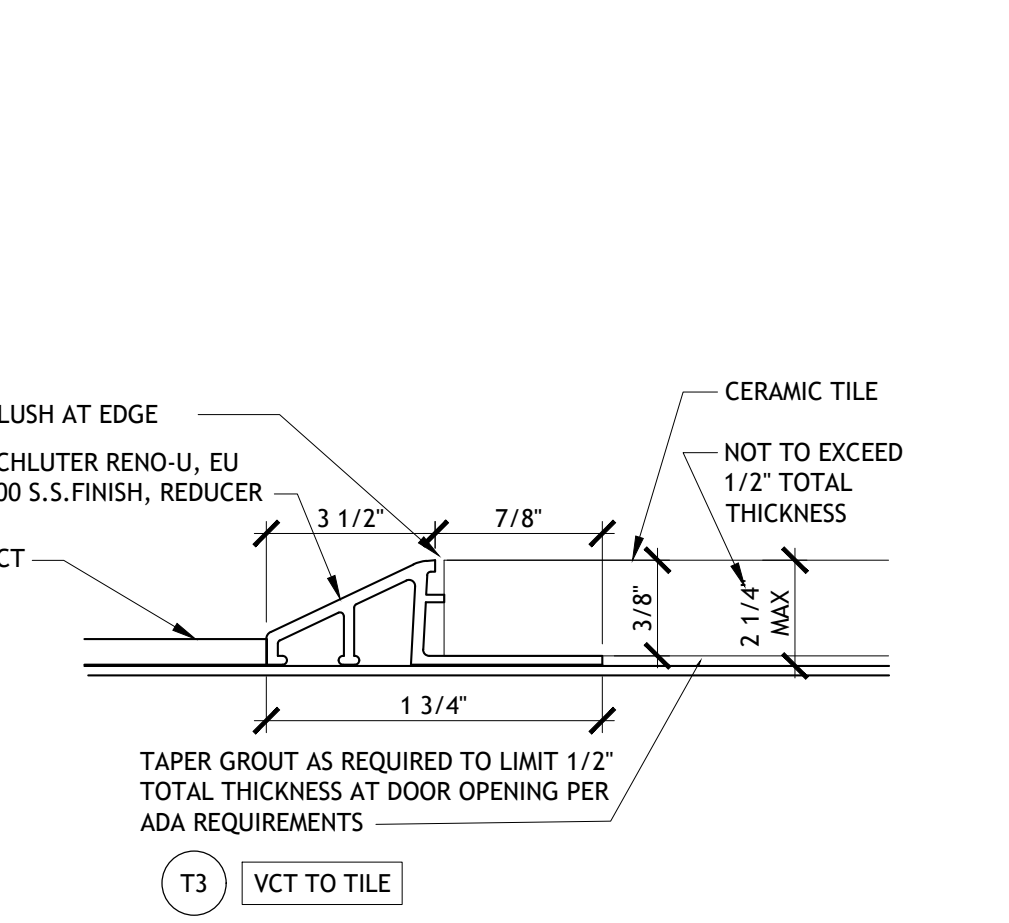
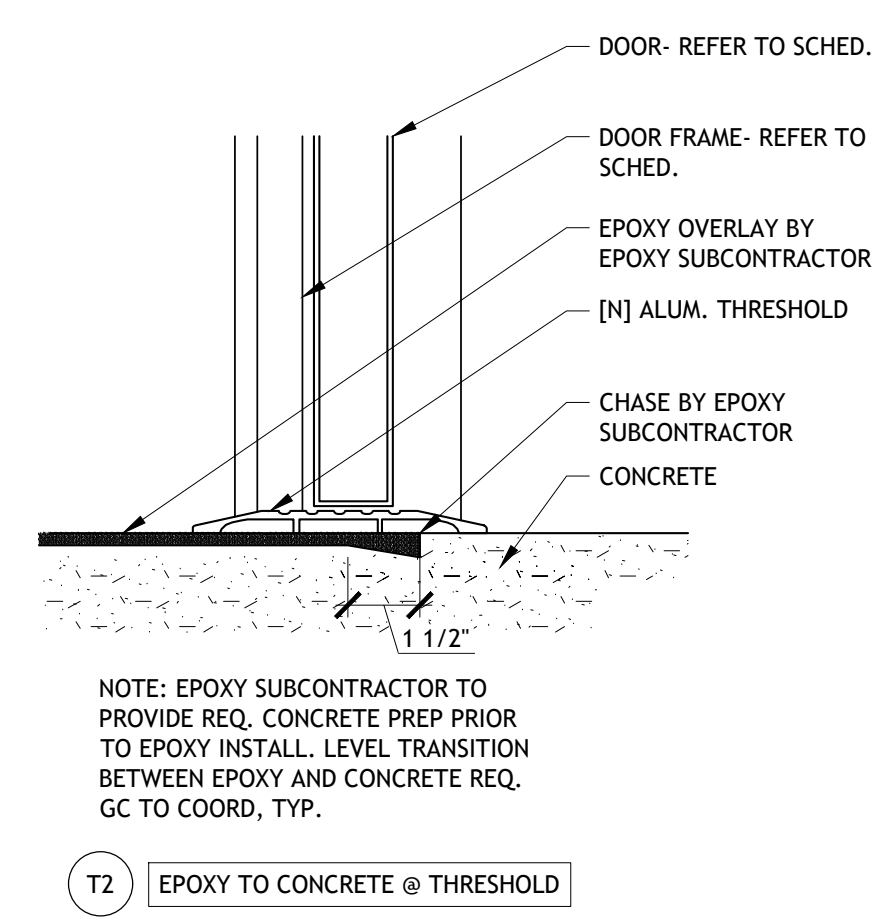
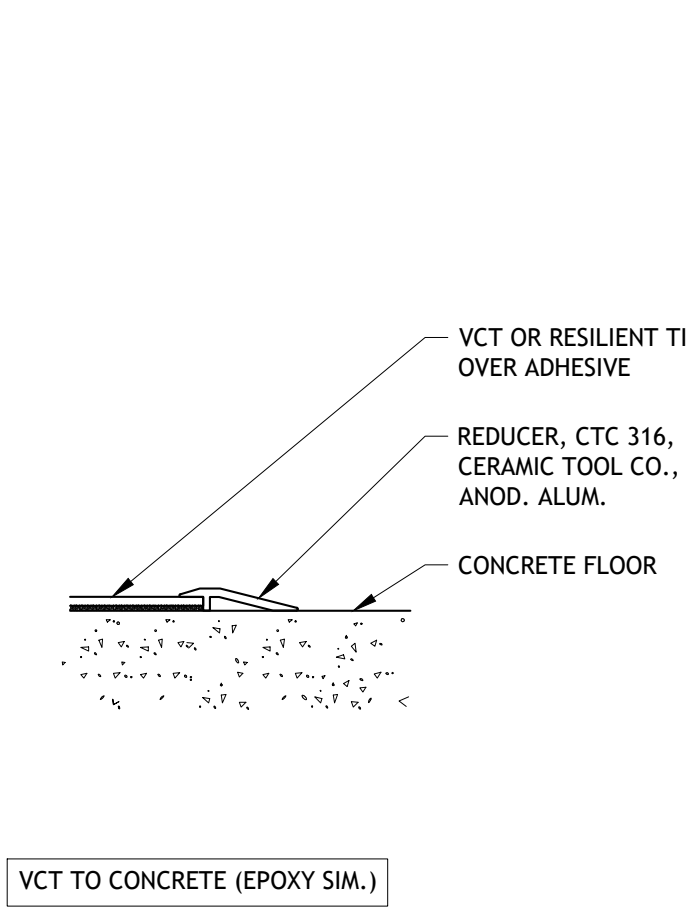
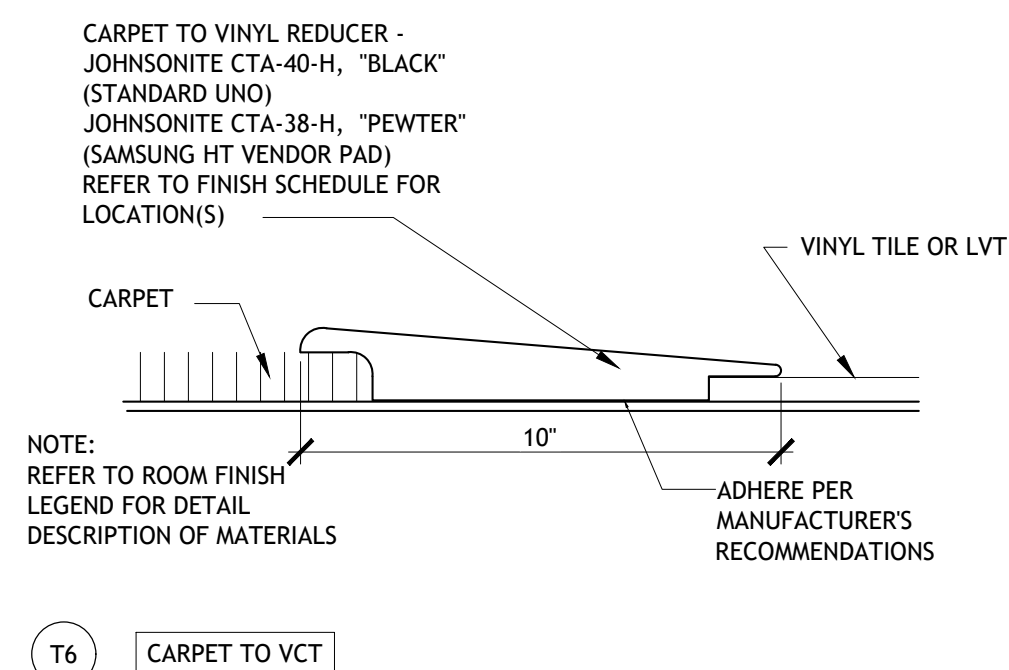
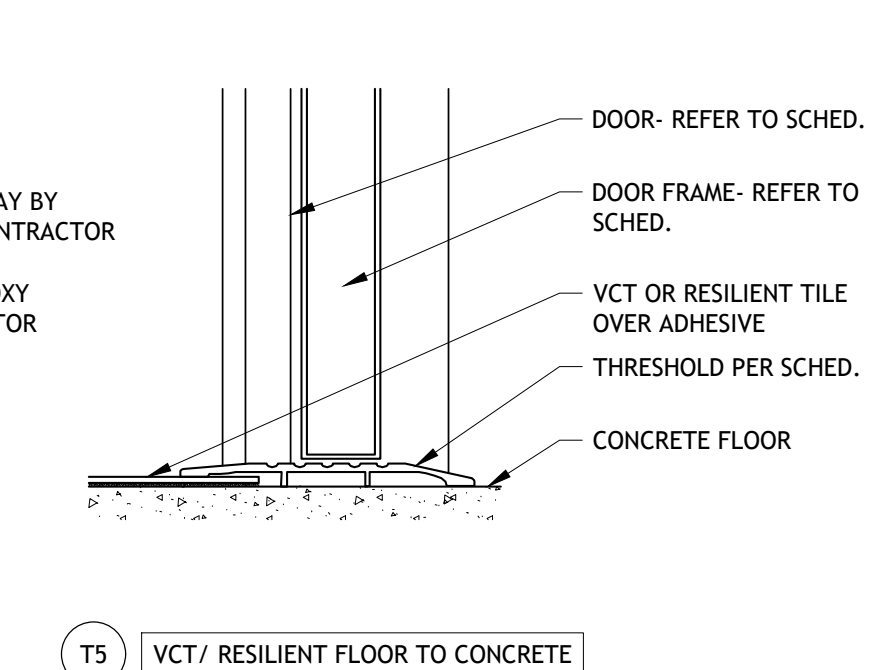
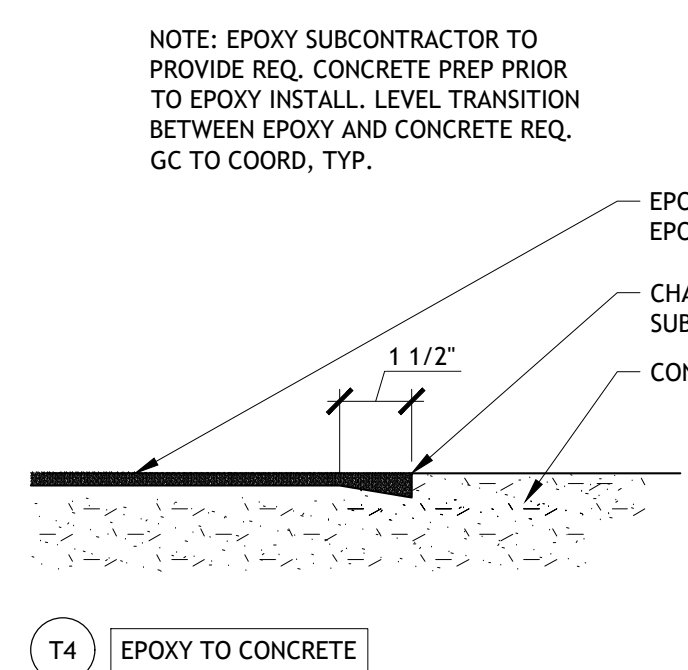
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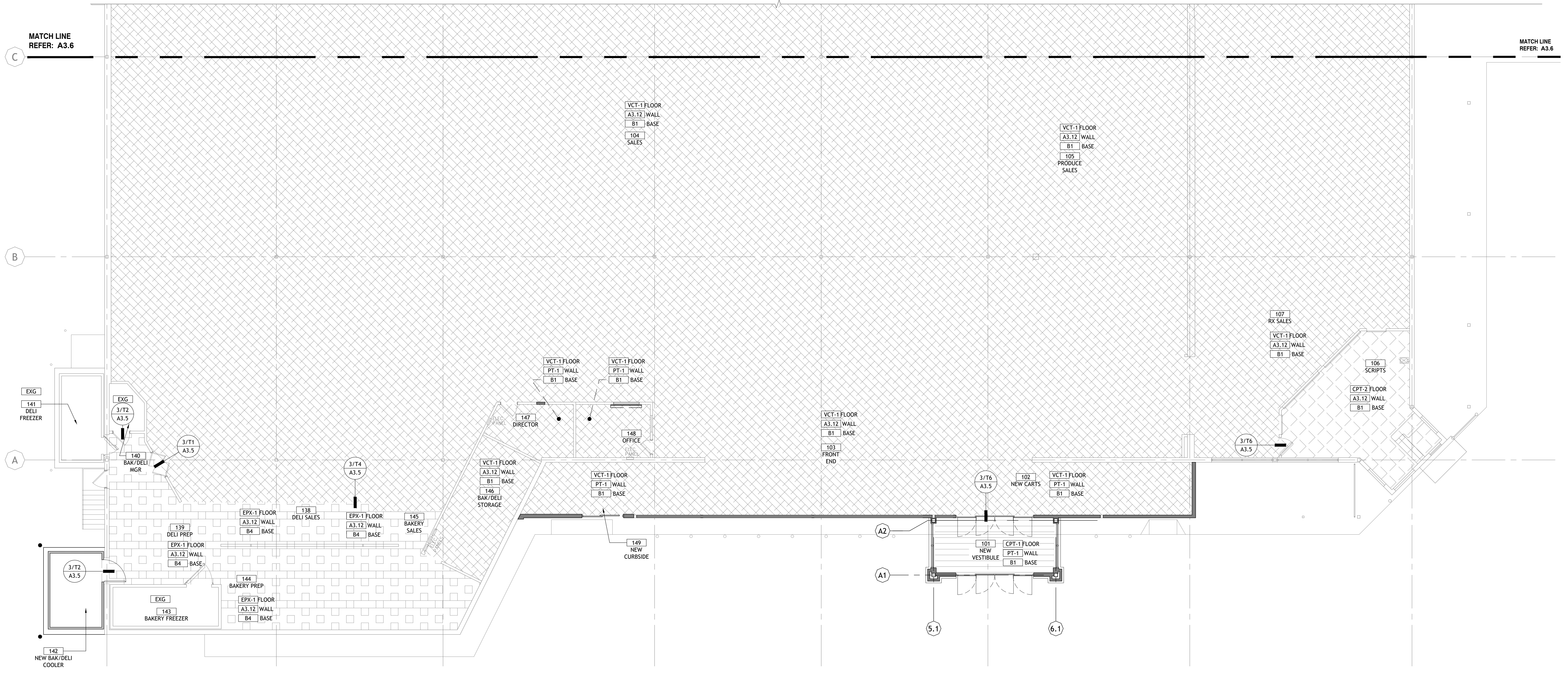


Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR



3 FLOOR TRANSITION TYPES
SCALE: 3" = 1'-0"

2 FLOOR BASE TYPES
SCALE: 3" = 1'-0"



1 ENLARGED FINISH PLAN WEST
SCALE: 1/8" = 1'-0"

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

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	<input type="checkbox"/> REVIEW
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	<input type="checkbox"/> BIDDING
	<input type="checkbox"/> CONSTRUCTION

AS OF: 11/11/24
DATE: 09/23
PROJECT NO: 4090600-0
STORE NO.: 906
SHEET NO.: A3.5

GENERAL NOTES

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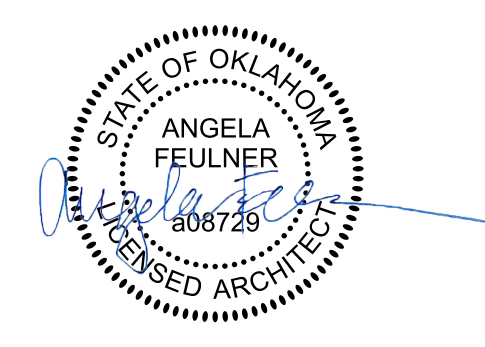
FINISH FLOOR PLAN LEGEND

	VCT-1	GERFLOR - CREATION CLIC SYSTEM #0360 "DEEP FOREST" RANDOM STAGGERED PLANKS
	EXG	EXISTING TO REMAIN
	CPT-1	MATTWORKS REPP - TILE, PATTERN: DIAGONAL, COLOR: ANTHRACITE
	CPT-2	ANTI-FATIGUE CARPET TILE: PORTICO SYSTEMS, SENATOR SOFT-STEP PLUS, 18" X 18" MODULAR, "CHARCOAL," INSTALL IN MONOLITHIC PATTERN
	FT-1	PORCELAIN TILE (DIAGONAL GRID PATTERN)
	CR-1	SEALED CONCRETE
	EPX-1	ECO GRIP FLOORING

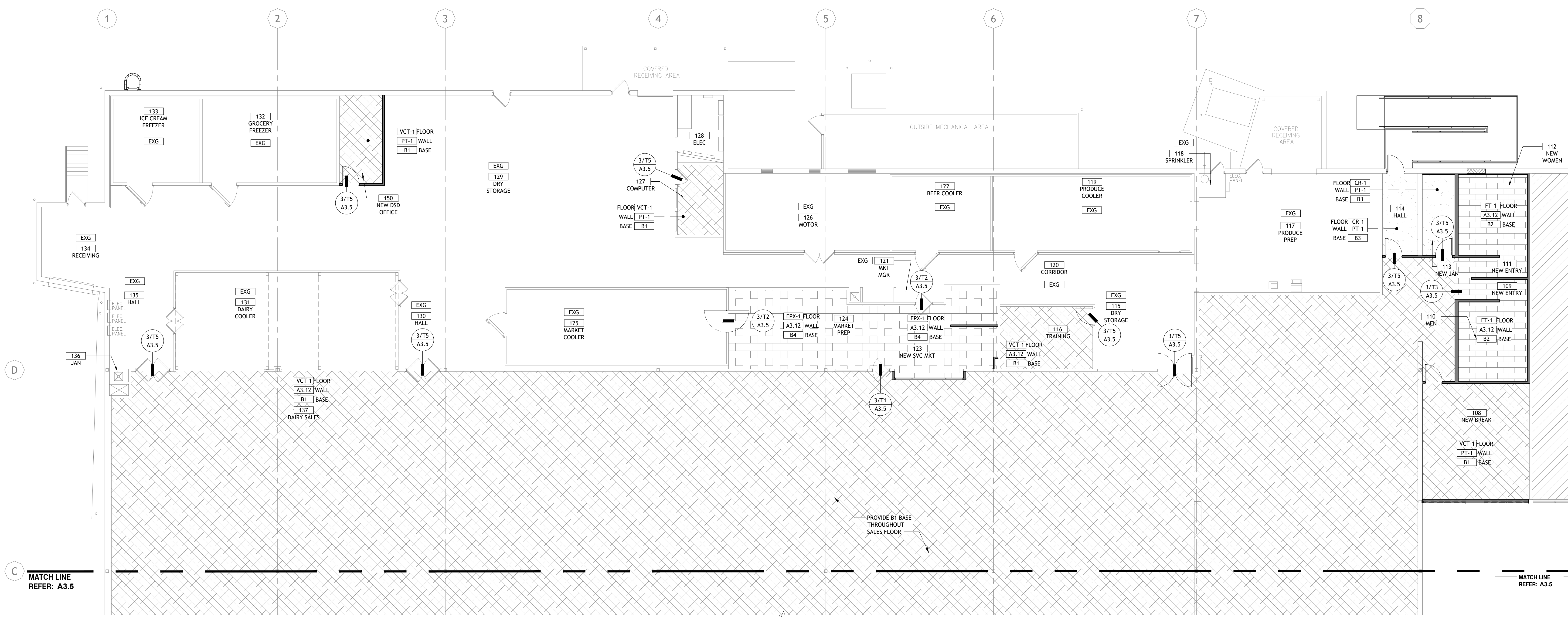
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1 ENLARGED FINISH PLAN EAST
SCALE: 1/8" = 1'-0"

BGC fs
BROOKSHIRE GROCERY COMPANY
facility services

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39,756 SF
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REMODEL
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	<input type="checkbox"/> CONSTRUCTION

DATE: **09/23**
PROJECT NO: **4090600-0**
STORE NO.: **906**
SHEET NO.: **A3.6**

AS OF: 11/11/24

DOOR HARDWARE SCHEDULE	
HARDWARE GROUP 1 - REFER TO SPEC BOOK FOR SUPPLIER INFORMATION	
PBE-MAX NRP 4.5" SECURITY STUD HINGE	1 1/2 PR
EXIT CONTROL DEVICE	1 EA
VON DUPRIN - CX9975 ED DELAY EGRESS PANIC ALARM	
PS873 POWER SUPPLY W/ALX HORN TCH-458990	1 EA
DORMA - ES105 POWER TRANSFER	
SCHLAGE LFC MORTISE CYLINDER W/CONST. CORE	1 EA
THRESHOLD	1 ST
SILL SWEEP	1 EA
WEATHER-STRIP SET W/ DRIP CAP	1 EA
FULL LENGTH LATCH GUARD TCH-214305	1 EA
HARDWARE GROUP 2 - REFER TO SPEC BOOK FOR SUPPLIER INFORMATION	
HARDWARE BY DOOR SUPPLIER APPROVED VENDOR RECORD-USA SERIES 5100 AUTOMATIC SLIDING DOOR. REFER TO SPECIFICATION FOR DETAILS.	
HARDWARE GROUP 3 - REFER TO SPEC BOOK FOR SUPPLIER INFORMATION	
PBE-MAX NRP 4.5" SECURITY STUD HINGE	1 1/2 PR
KEYLOCK ENTRANCE HEAVY DUTY L-9453-J	1 EA
SCHLAGE LFC MORTISE CYLINDER W/CONST. CORE	1 EA
CLOSER	1 EA
THRESHOLD	1 ST
SILL SWEEP	1 EA
WEATHER-STRIP SET W/ DRIP CAP	1 EA
KICKPLATE 10" X 34"	1 EA
FULL LENGTH LATCH GUARD TCH-214305	1 EA
HARDWARE GROUP 4 - REFER TO SPEC BOOK FOR SUPPLIER INFORMATION	
HINGES (FB8179 4-1/2 X 4-1/2, 26D)	1 1/2 PR
LOCKSET - N80JD	1 EA
CONSTRUCTION CORE	2 EA
LCN CLOSER (1461 R/W/PA X SRT, AL)	1 EA
WALL DOOR STOP (WS406/407-CCV, US260)	1 EA
180° DOOR VIEWER	1 EA
SILENCERS (INCLUDED IN FRAME)	3 EA
KICKPLATE 10" X 34"	1 EA
HARDWARE GROUP #4A	
- SAME AS GROUP #4 EXCEPT PASSAGE SET D10 & NO VIEWER	
HARDWARE GROUP #4C	
- SAME AS GROUP #4 EXCEPT NO VIEWER	
HARDWARE NOTES	
1. ALL LOCKSETS TO BE SCHLAGE RHODES LEVER.	
2. HARDWARE FINISH TO BE 24D. UNLESS NOTED	
3. WALL-MOUNTED OR FLOOR-MOUNTED DOOR STOP TO BE SELECTED PER SITE SPECIFIC LAYOUT, AS REQD TO BEST PROTECT WALL.	
4. ALL EXIT DOORS (HARDWARE GROUP 1,2) SHARED INSTALLATION RESPONSIBILITIES BELOW.	
- GC IS RESPONSIBLE TO MOUNT DEVICE ON THE DOOR AND DRILL ALL RELATED HOLES FOR LOW VOLTAGE WIRING TO TAKE PLACE FOR LOADING DOCK DOOR REQUIREMENTS REFER TO SHEET E-6 FOR WIRING AND MOUNTING LOCATIONS PER DOOR TYPE.	
- ELECTRICAL CONTRACTOR IS RESPONSIBLE TO MOUNT WIRE AND MOUNT TRANSFORMER AT CONVENIENT LOCATION. 10' ABOVE EACH FIRE EXIT. SPECIAL DOCK DOOR TRANSFORMER REQUIREMENTS ARE: 120V/1AMP. ELECTRICAL CONTRACTOR IS TO PULL BUILDING FIRE DETECTION WIRES TO EACH EXIT DOOR IN ACCORDANCE WITH LOCAL CODE. ELECTRICAL CONTRACTOR WILL ALSO PROVIDE CONDUIT PROTECTED LOW VOLTAGE WIRING FROM THE TRANSFORMER TO THE DEVICE. ELECTRICAL CONTRACTOR WILL MAKE ALL LOW VOLTAGE CONNECTIONS. INSTRUCTIONS PROVIDED WITH PANICS. REFER TO GC.	

WINDOW SCHEDULE									
WINDOW NO.	ROOM NAME	FRAME		GLAZING	DETAIL				NOTES
		MATERIAL	FINISH		HEAD	MULLION	JAMB	SILL	
W101	VESTIBULE	ALUM	DK BRNZ	GL-1, TMP	6/D4	6/D2	6/D3	6/D1	KAWNEER OR EQUAL
W102	SERVICE MARKET	ALUM	BRNZ	TMP	7/S1	-	7/S1	7/S2	CRL DURANODIC SERVICE WINDOW
W103	OFFICE	ALUM	BRNZ	1/4" PLEXI GLASS	8/A3.7	-	8/A3.7	8/A3.7	

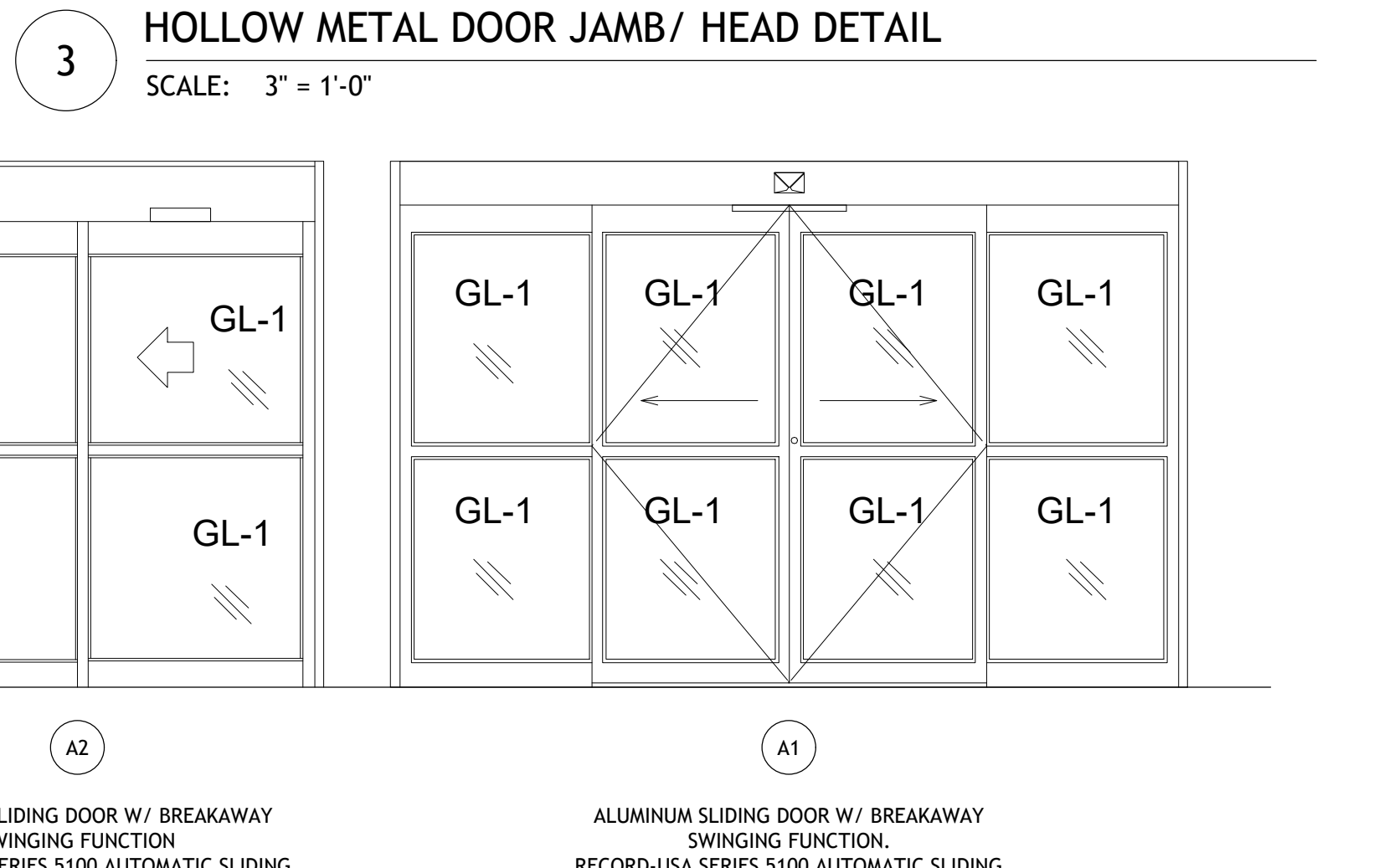
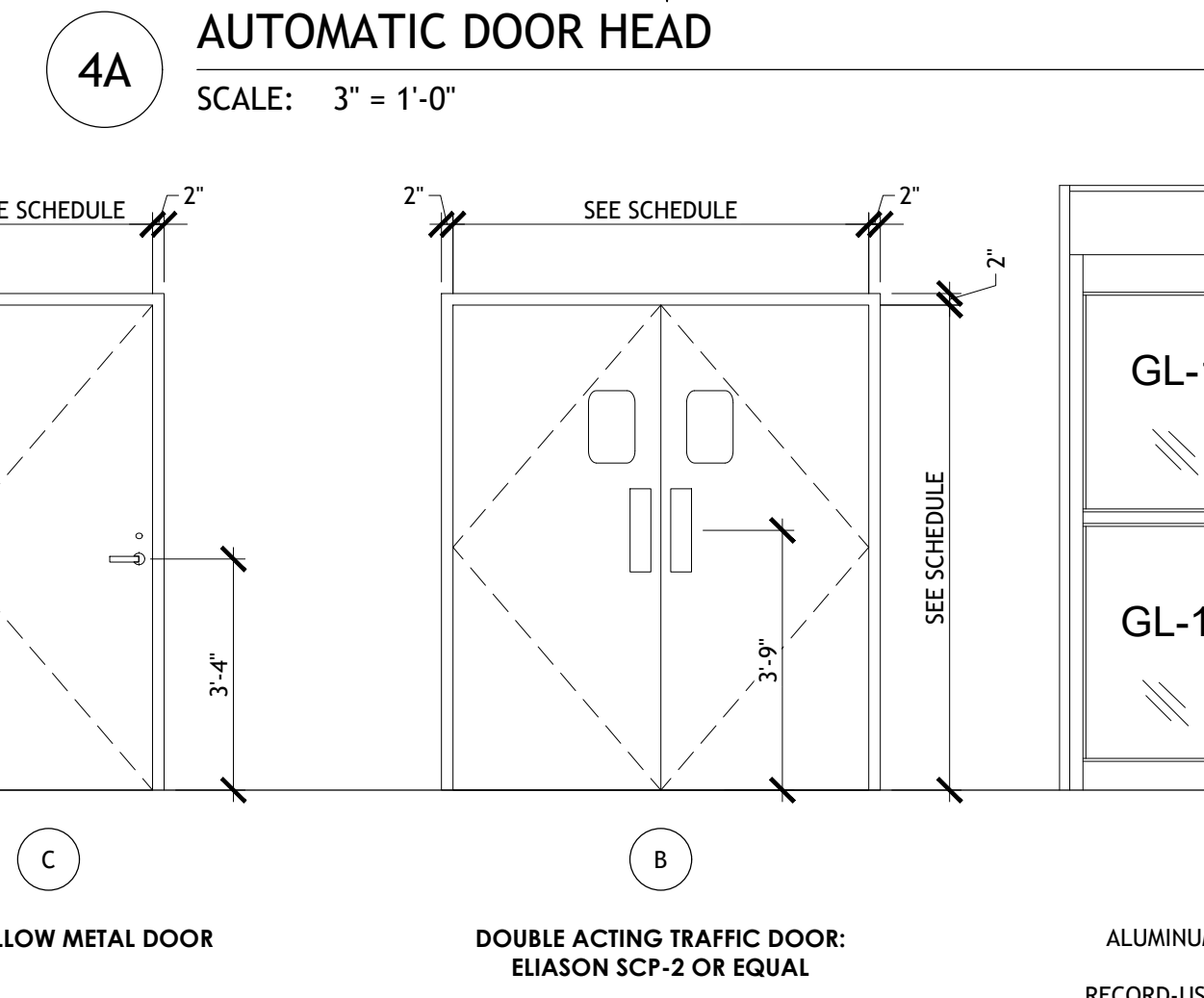
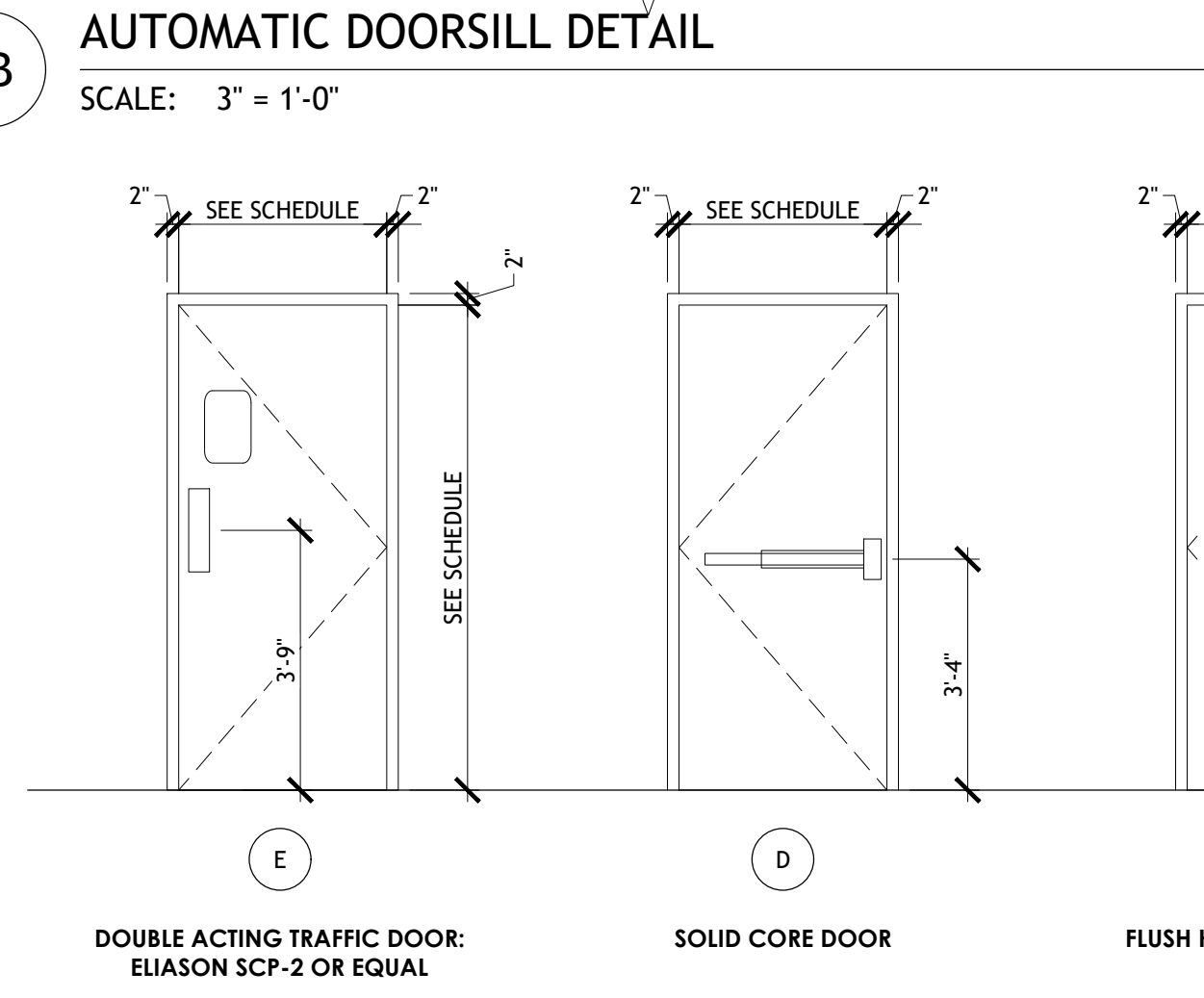
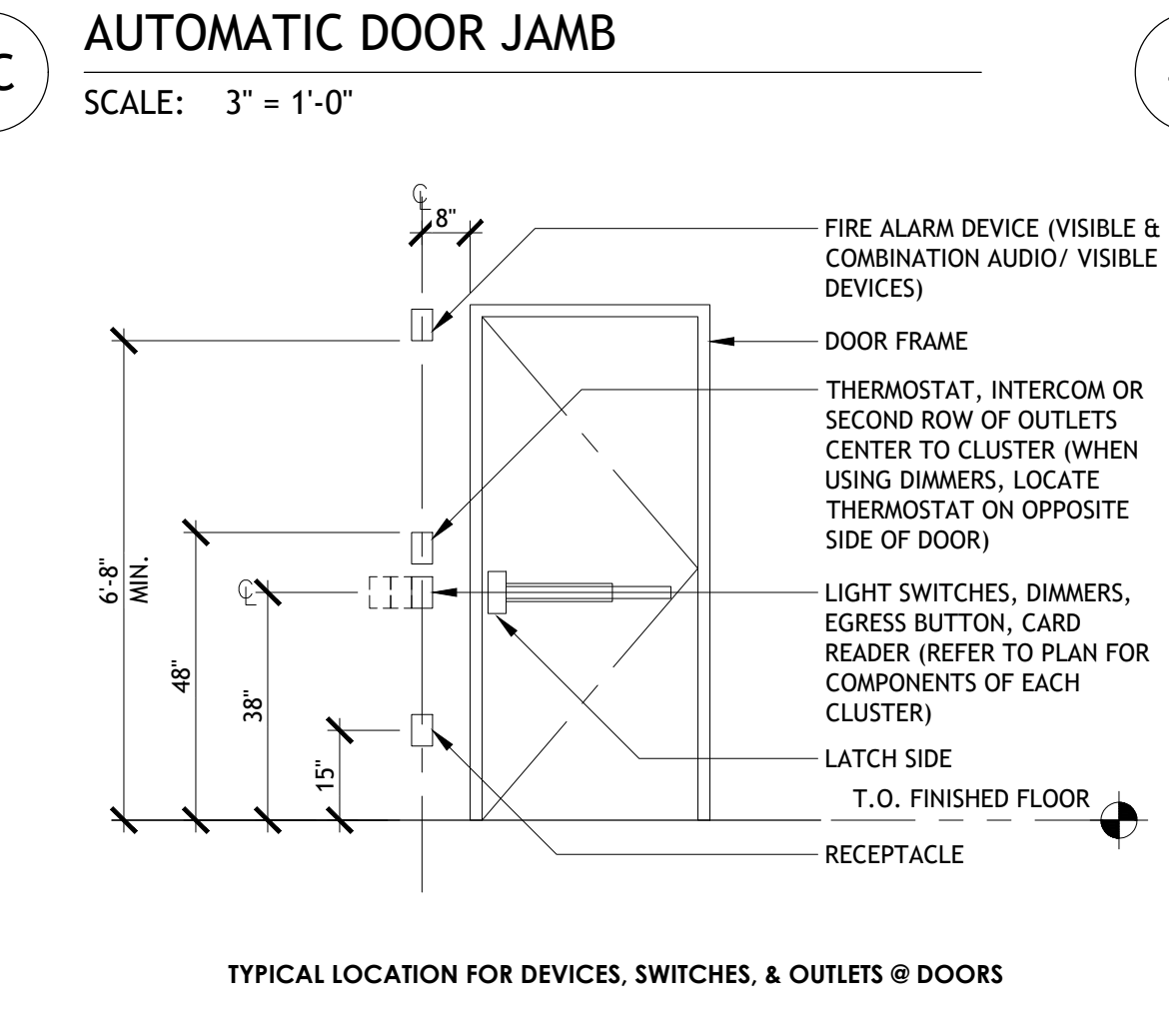
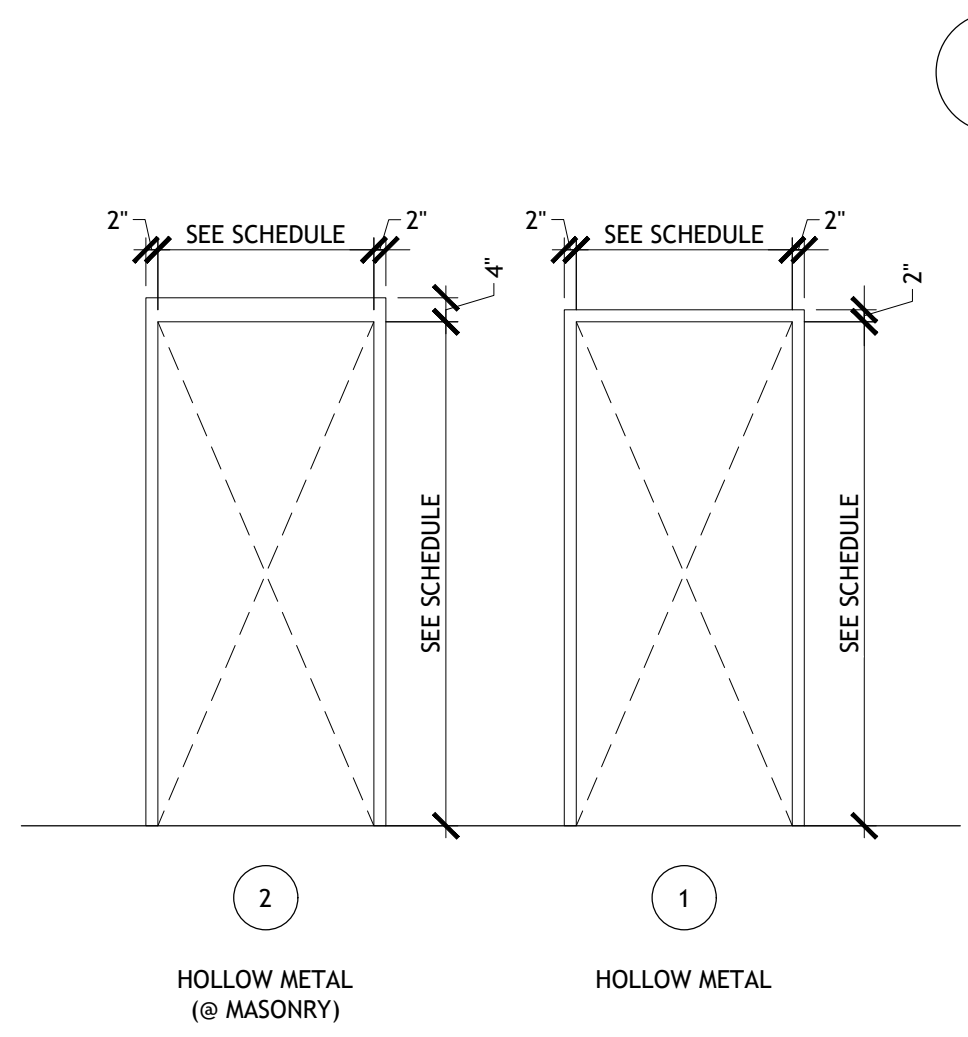
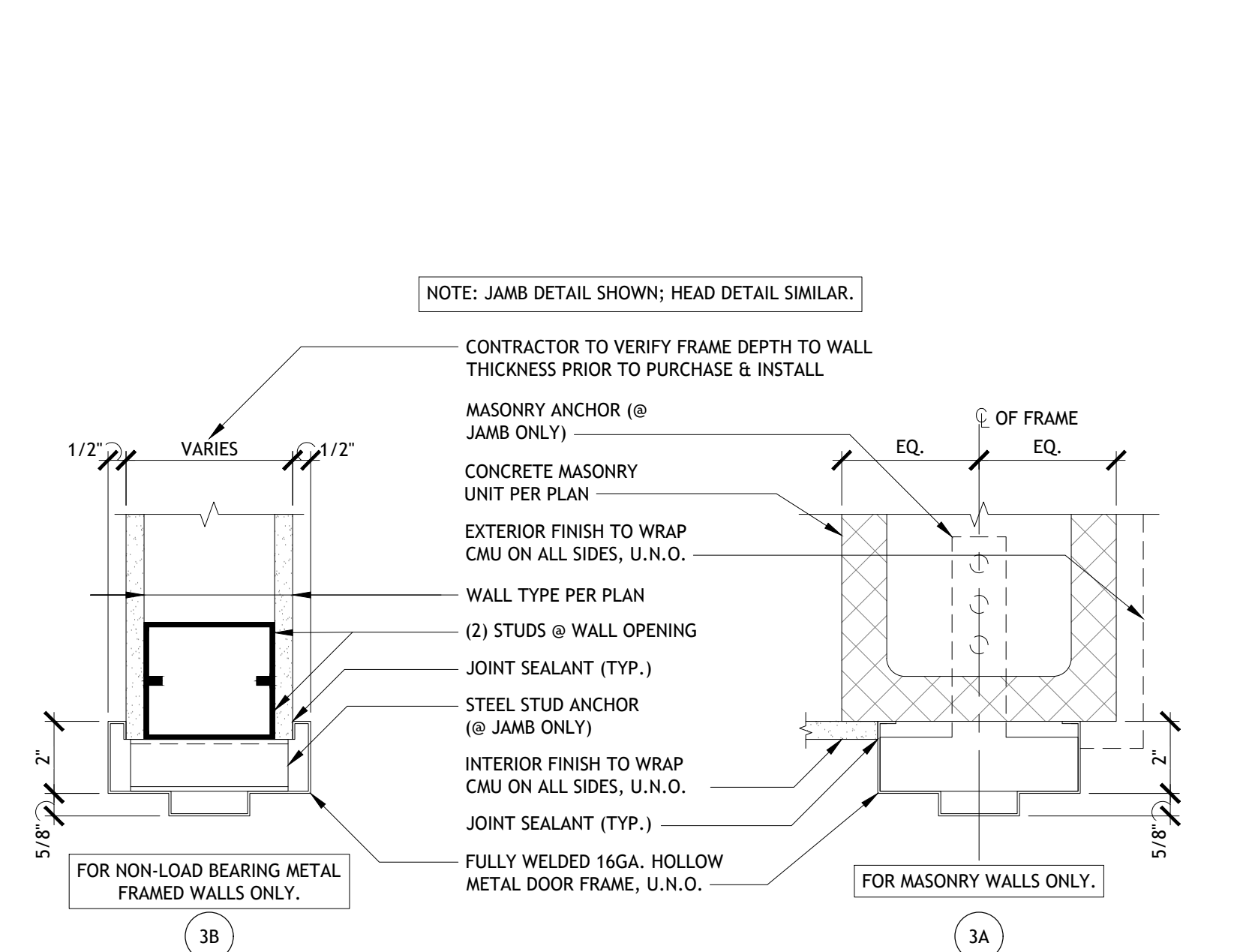
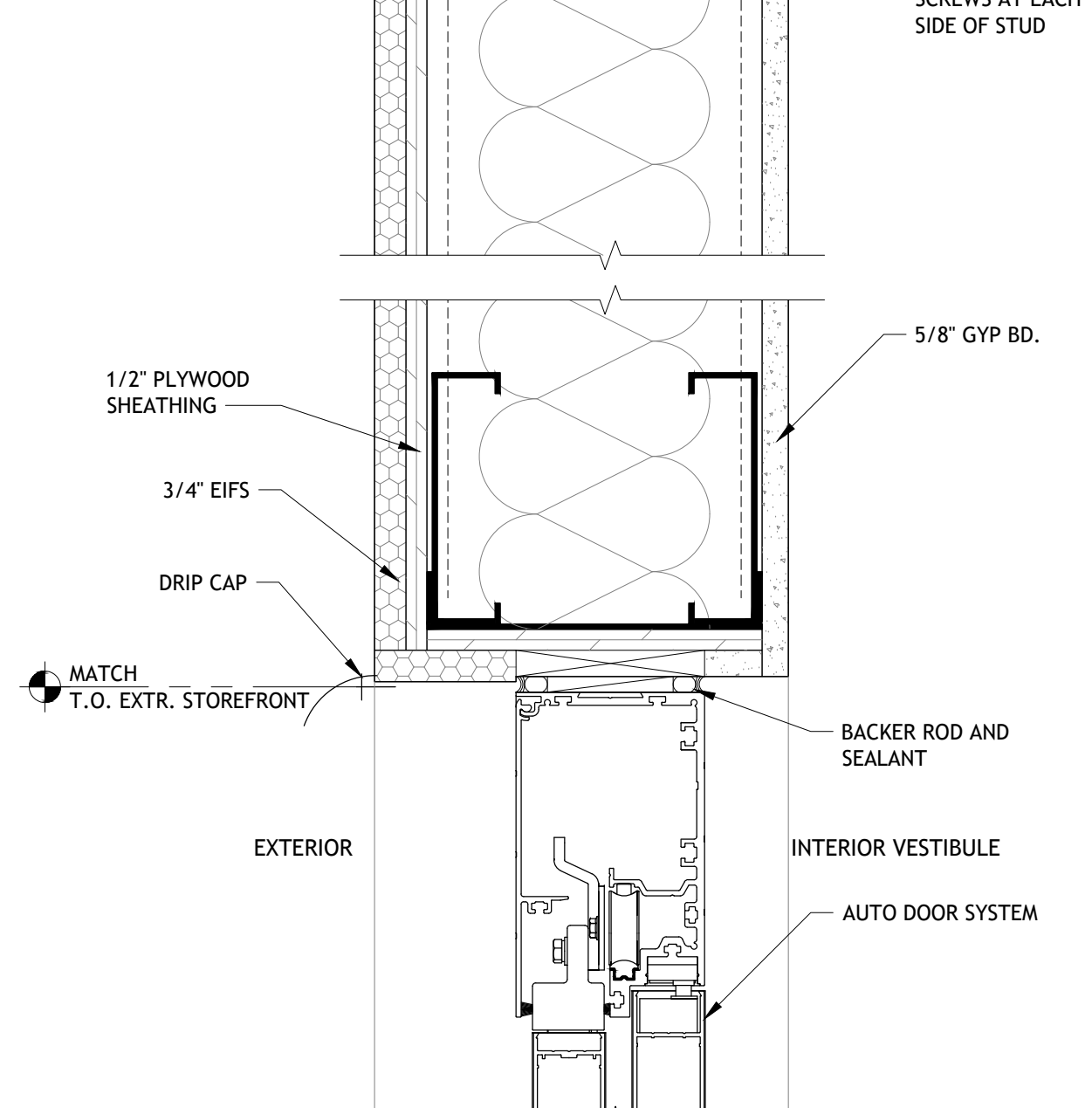
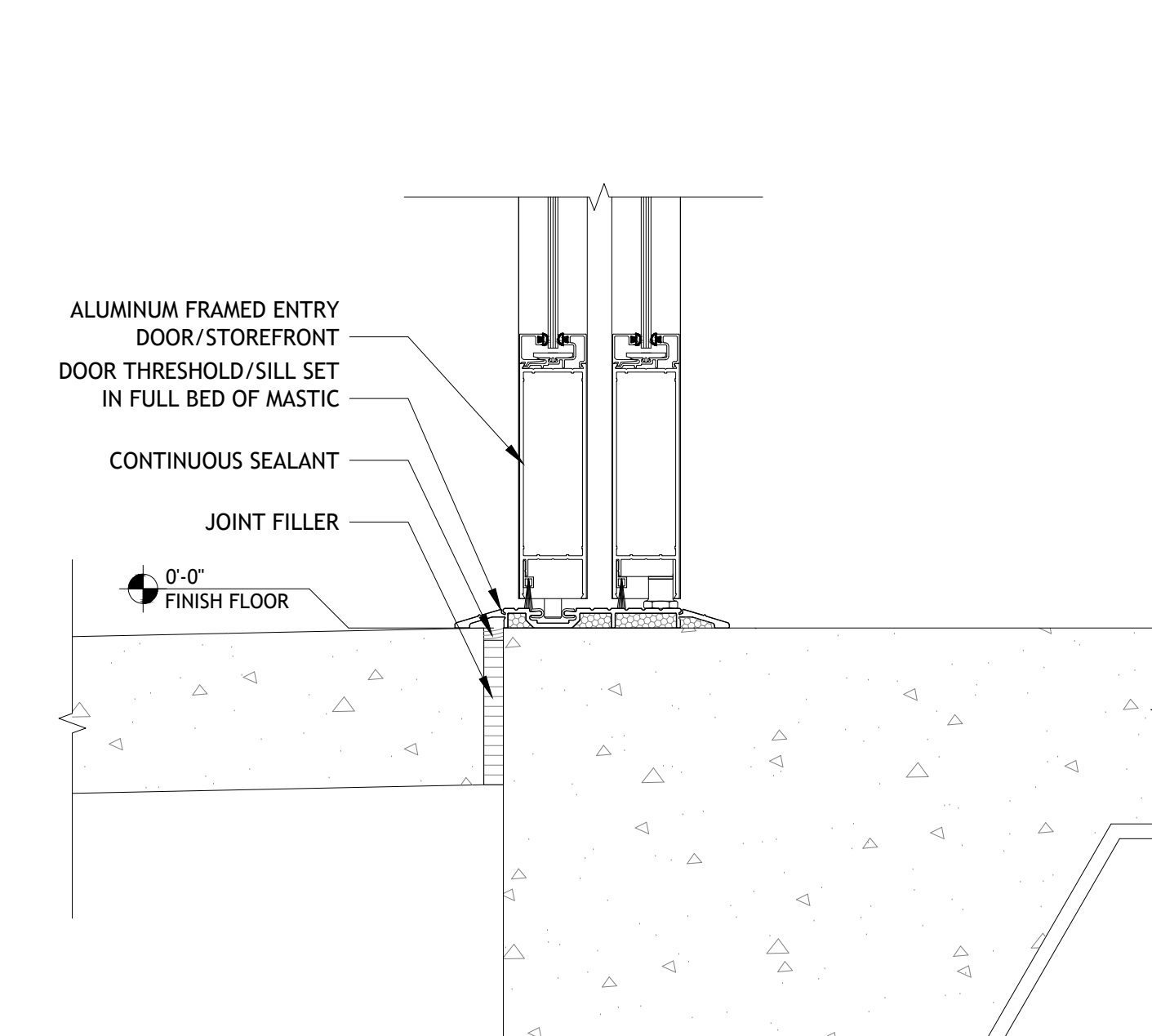
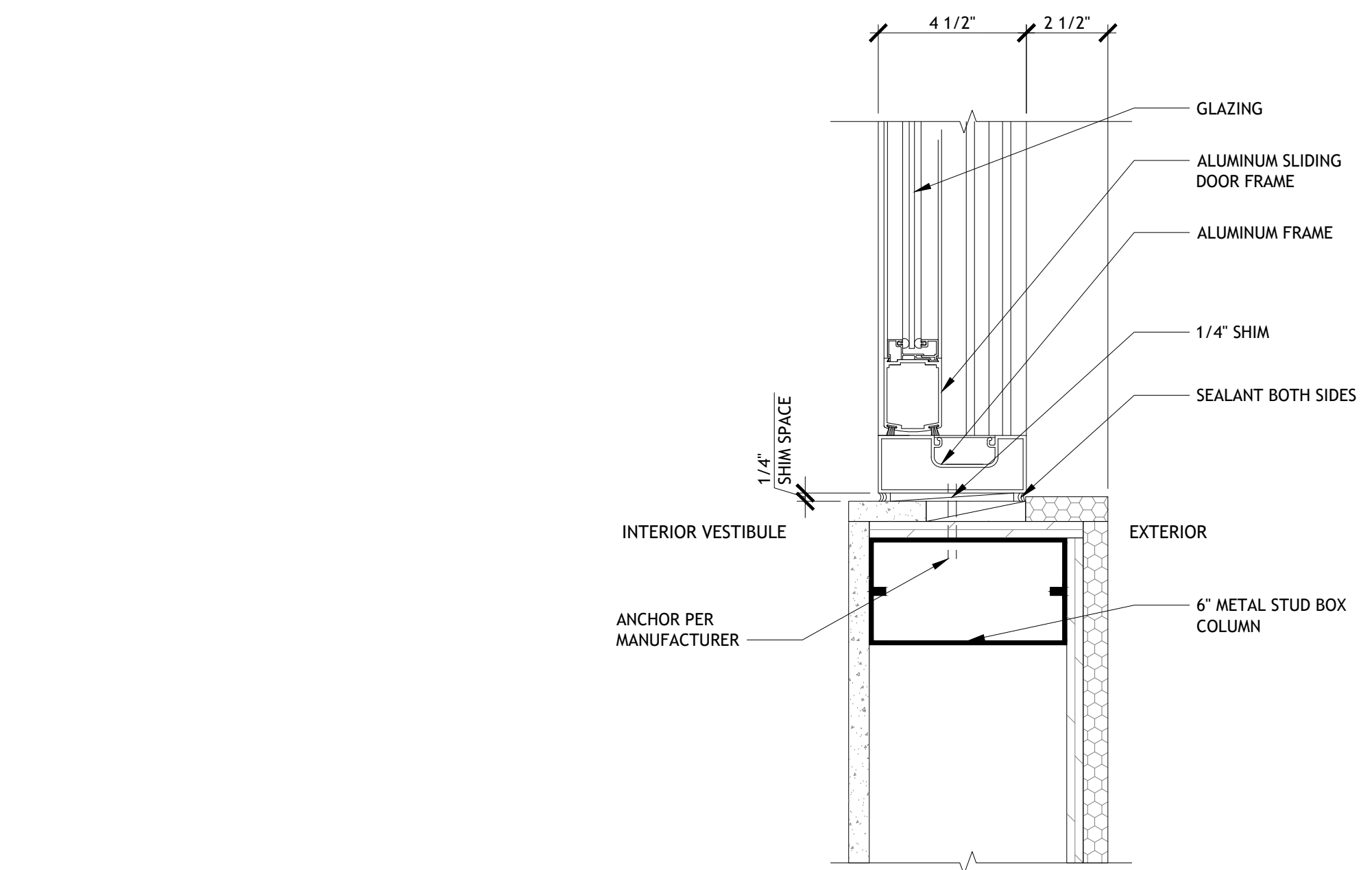
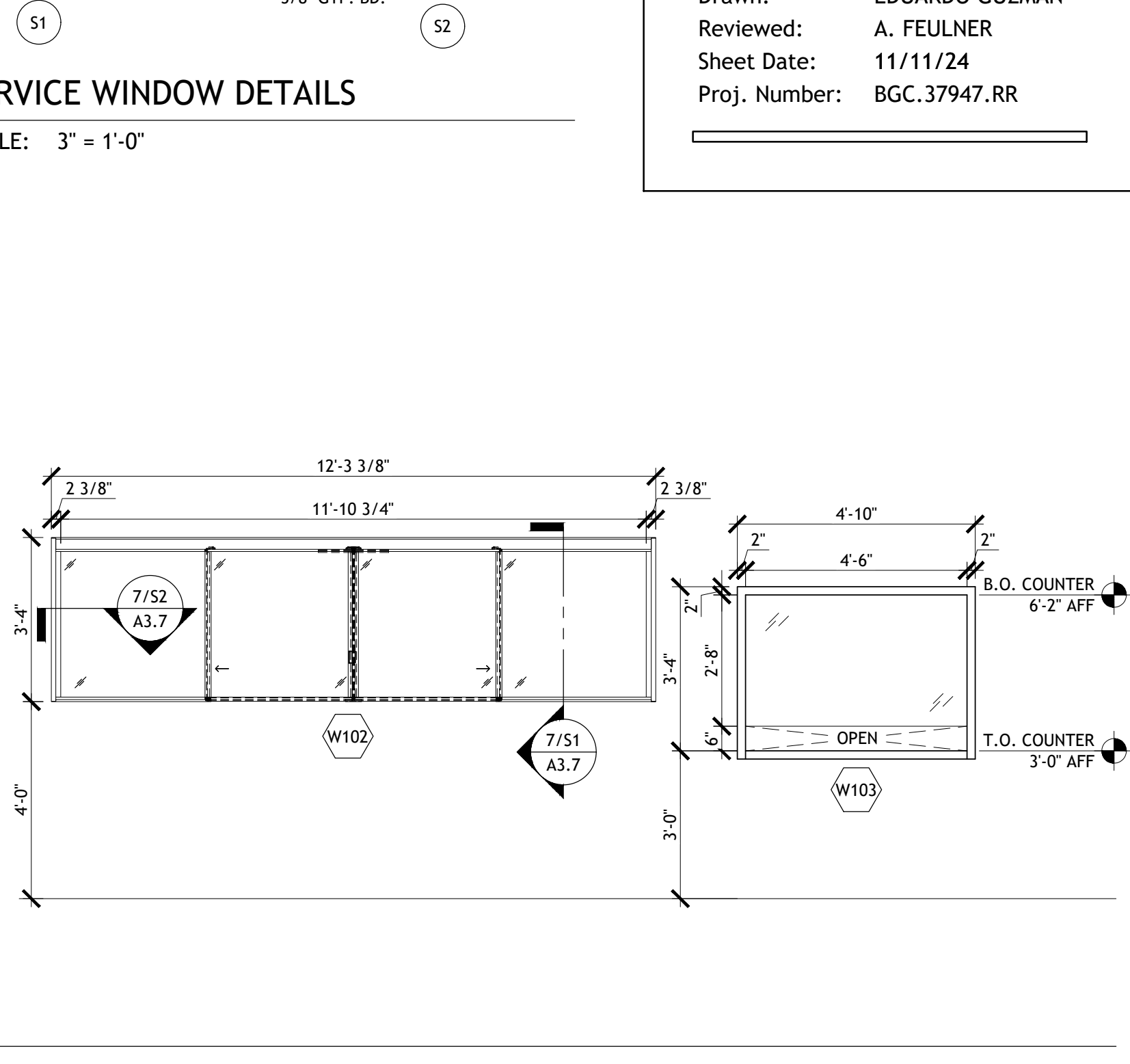
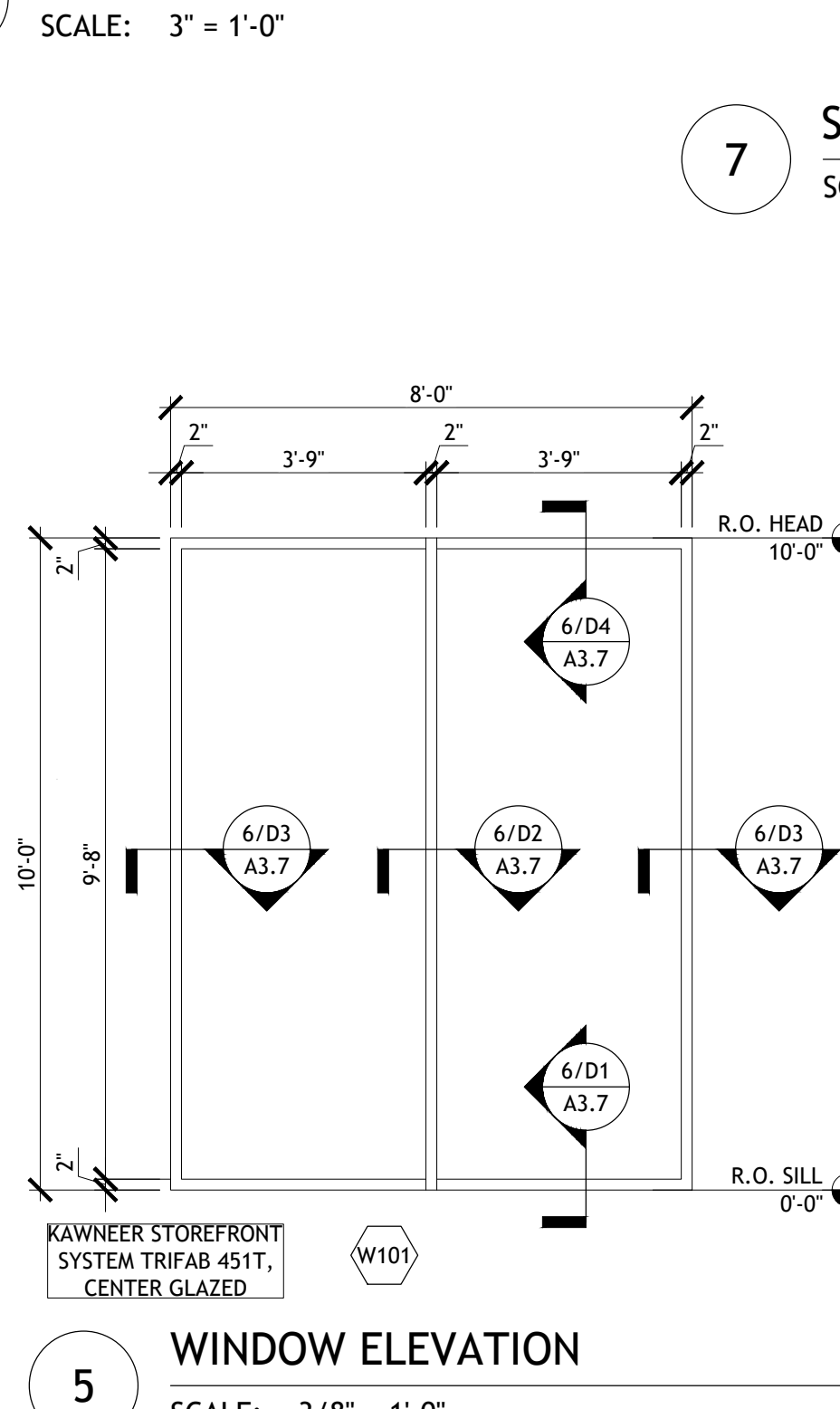
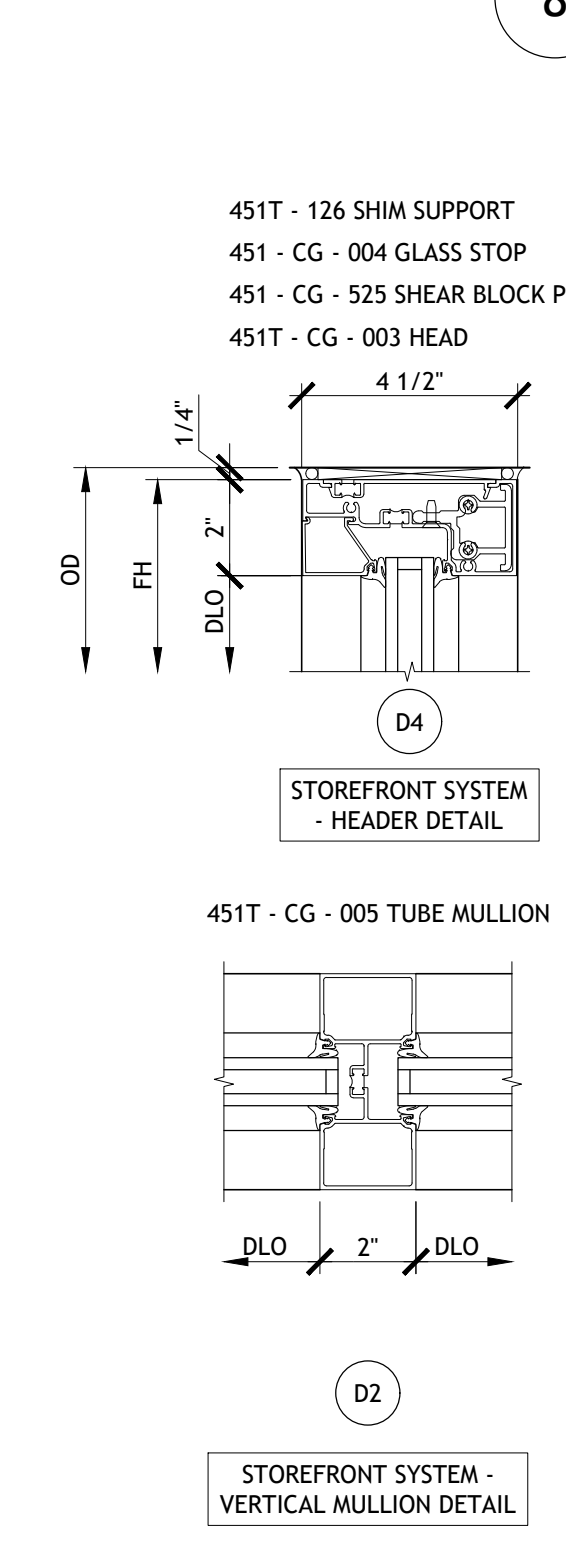
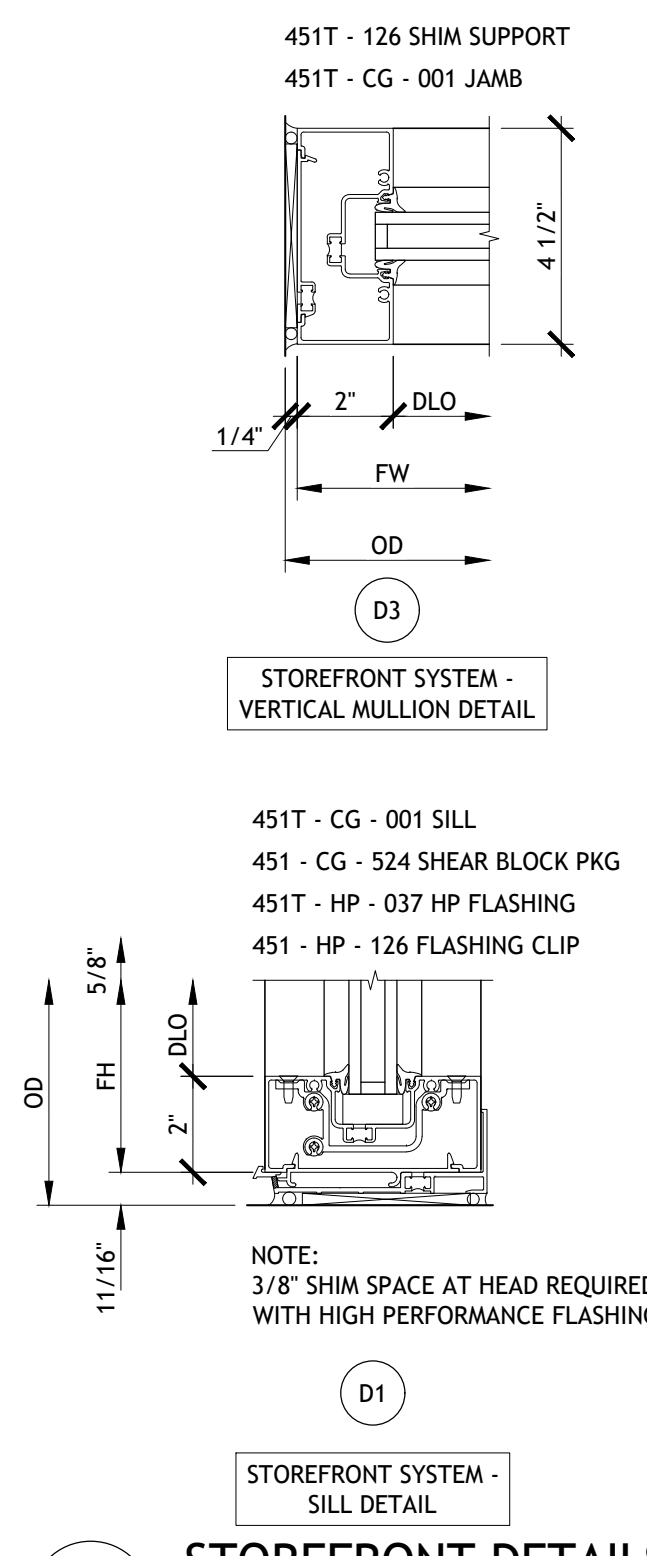
ABBREVIATIONS: GL-GLAZING, TMP-TEMPERED, ALUM-ALUMINUM, NA-NOT APPLICABLE. SEE FINISH SCHEDULE FOR GLAZING SPEC, TYP.

DOOR SCHEDULE												
DOOR NO.	ROOM NAME	SIZE			DOOR		FRAME		GLAZING	HWDR SET	NOTES	
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	TYPE				FINISH
101A	VESTIBULE	14'-0"	8'-0"	1 3/4"	A1	STF	ALUM/GL	-	DK BRNZ	DBL PANE/ LOW E/ TMP	2	POWER SLIDING 1/2" CLEAR, TEMPERED GLAZING
101B	VESTIBULE	14'-0"	8'-0"	1 3/4"	A1	STF	ALUM/GL	-	DK BRNZ	DBL PANE/ LOW E/ TMP	2	POWER SLIDING 1/2" CLEAR, TEMPERED GLAZING
108	NEW BREAK ROOM	3'-0"	7'-0"	1 3/4"	C	H.M.	PT	1	PT	-	4C	PROVIDE SIGN "EMPLOYEE ONLY"
113	NEW JAN	3'-0"	7'-0"	1 3/4"	C	H.M.	PT	1	PT	-	4A	PROVIDE SIGN "EMPLOYEE ONLY"
114A	HALL	3'-0"	7'-0"	1 3/4"	C	H.M.	PT	1	PT	-	4A	
114B	HALL	3'-0"	7'-0"	1 3/4"	D	H.M.	PT	2	PT	-	1	DOOR HEAD 3A
115	DRY STORAGE	6'-0"	8'-0"	1 3/4"	B	H.M.	PT	1	PT	-	-	SEE NOTE #2 BULKHEAD AT 9'-0" AFF
116	TRAINING	6'-0"	7'-0"	1 3/4"	C	H.M.	PT	1	PT	-	4C	PROVIDE SIGN "EMPLOYEE ONLY"
124	MARKET PREP	4'-0"	8'-0"	1 3/4"	E	H.M.	PT	1	PT	-	-	SEE NOTE #2 BULKHEAD AT 9'-0" AFF
142	MFR											
149	CURBSIDE	7'-2"	8'-0"	1 3/4"	A2	STF	ALUM/GL	-	DK BRNZ	DBL PANE/ LOW E/ TMP	2	POWER SLIDING 1/2" CLEAR, TEMPERED GLAZING
150	DSD OFFICE	3'-0"	7'-0"	1 3/4"	C	H.M.	PT	1	PT	-	4C	PROVIDE SIGN "EMPLOYEE ONLY"

1. REFER TO ROOM FINISH PLAN AND INTERIOR ELEVATIONS FOR DOOR/FRAMES PAINT COLOR.
2. TRAFFIC DOOR CHASE: JOURNITE RETAILER / TCH: PHOENIX DOOR SYSTEMS EAGLE VC
3. COOLER/FREEZER DOORS (REFER TO SPECIFICATIONS)

GENERAL DOOR NOTES

- ALL DOORS TO BE PRE-MORTISED & BORED FOR HARDWARE
- GC TO COORDINATE ALL DOOR HARDWARE WITH SECURITY CONTRACTOR FOR ALARM & KEYCARD ACCESS
- CONTRACTOR TO COORDINATE ALL HARDWARE NEEDS WITH OWNER PRIOR TO ORDERING DOORS. CONTRACTOR TO INSTALL. ARCHITECT TO VERIFY HARDWARE PACKAGE.
- CONTRACTOR TO PROVIDE, INSTALL & REINFORCE FRAMES FOR ALL DOUBLE ACTING TRAFFIC DOORS, PER MANUF. SPECS.
- ENTRANCE DOOR GLAZING & ALL GLAZING ADJACENT TO & WITHIN 24" OF DOORS & WITHIN 60" OF FLOOR MUST BE IMPACT RESISTANT TEMPERED GLASS. GLAZING PANELS LARGER THAN 9 SQFT. W/ BOTTOM EDGE LESS THAN 18" ABOVE ADJACENT FLOOR OR WALKING SURFACE MUST BE IMPACT RESISTANT TEMPERED GLASS.



CORE STATES GROUP

CORESTATES DESIGN P.C.

111 3rd Avenue S
Suite #900
612.547.1300
Minneapolis, MN 55401
www.core-states.com

ANGELA FEULLNER
REGISTERED ARCHITECT

Drawn: EDUARDO GUZMAN
Reviewed: A. FEULLNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR

BCC fs
BROOKSHIRE GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

ISSUED FOR:
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09/23

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4090600-0

STORE NO.
906

SHEET NO.
A3.7

AS OF: 11/11/24

NO. DATE REVISION DESCRIPTION

0 11/11/2024 PERMIT SET

FINISH SCHEDULE							
ACT / ACOUSTIC SUSPENDED CEILING							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
ACT-1	SEE RCP	ARMSTRONG	PANELS AND GRID SYSTEM 24X48	WHITE/WHITE	A	CLEAN ROOM VL, PRELUDE ML 15/16" EXPOSED T SYSTEM	
CR / CONCRETE FLOORING							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
CR-1	HALL	TBD	SEALED				
CPT / CARPET FLOORING							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
CPT-1	VESTIBULE	MATTOWRKS	REPP-TILE	ATHRACITE	2	DIAGONAL PATTERN	
CPT-2	PHARMACY	PORTICO SYSTEMS	18X18 ANTI FATIGUE CARPET TILE	CHARCOAL		MONOLITHIC PATTERN	
EPX / EPOXY FLOORING							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
EPX-1	EPOXY FLOORING	ECOGRIP					
FT / FLOOR TILE							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
FT-1	RESTROOMS
FRP / FIBERGLASS REINFORCED PLASTIC							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
FRP-1	FRP, BOH	MARLITE WALL PANELS	SMOOTH	S 100G WHITE	A	SMOOTH FINISH FRP	
GL / GLAZING							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
GL-101	GLAZING STOREFRONT	VIACOM OR EQ.	LOW E GLASS VEI-48	CLEAR/TEMPERED	A	DUAL PANE WINDOW STOREFRONT SYSTEM	TEMPERED
LAM / PLASTIC LAMINATE - FOR REFERENCE ONLY							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
LAM-1	PHARMACY	LAMIN-ART	VELVA-TEX FINISH	MYSTIC WOOD #3056-VT			
LAM-2	PARTITIONS, MENS, WOMENS RR	ABET LAMINATI OR EQ.	1722 SEI DUE	MATCH 1722 SEI DUE			
MTL / METALS							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
MTL-1	STAINLESS STEEL WALL PANEL AT HOODS	TBD				STAINLESS STEEL PANEL	
MTL-2	EXTERIOR STEEL FRAMING					MATCH ALLUM. STOREFRONT FINISH	
PT / PAINTS							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
PT-1	SEE SHEET A3.12	BENJAMIN MOORE OR EQ.	EGG SHELL	HORIZON OC-53	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
PT-2	SEE SHEET A3.12	BENJAMIN MOORE OR EQ.	SEMI-GLOSS	ORIENTAL IRIS BM1418	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
PT-3	SEE SHEET A3.12	BENJAMIN MOORE OR EQ.	EGGSHELL	TURQUOISE POWDER 2057-30	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
PT-4	SEE SHEET A3.12	BENJAMIN MOORE OR EQ.	EGGSHELL	WOODLAND SNOW 2161-70	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
PT-5	SEE SHEET A3.12	BENJAMIN MOORE OR EQ.	SEMI-GLOSS	YELLOW MARGOLD 2155-30	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
PT-6	SEE SHEET A3.12	BENJAMIN MOORE OR EQ.	EGGSHELL	ORANGE JUICE 2017-10	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
PT-7	SEE SHEET A3.12	BENJAMIN MOORE OR EQ.	EGGSHELL	COURTYARD GREEN 546	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
PT-8	SEE SHEET A3.12	SHERWIN-WILLIAMS	EGGSHELL	INKWELL 6992	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
PT-9	SEE SHEET A3.12	SHERWIN-WILLIAMS	EGGSHELL	PURE WHITE 7005	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
EPT / EXTERIOR PAINTS							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
EPT-1	EXTERIOR	SHERWIN-WILLIAMS	EGG SHELL	SW CUSTOM AMARILLO WHITE	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
EPT-2	EXTERIOR	SHERWIN-WILLIAMS	SEMI-GLOSS	SW 2845 BUNGLEHOUSE GRAY	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
EPT-3	EXTERIOR	SHERWIN-WILLIAMS	EGGSHELL	SW 6335 FIREB BRICK	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
EPT-4	EXTERIOR	SHERWIN-WILLIAMS	EGGSHELL	SW 3532 HILL COUNTRY	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
EPT-5	EXTERIOR	SHERWIN-WILLIAMS	SEMI-GLOSS	SW 6994 GREENBLACK	A	LOW VOC COMMERCIAL INTERIOR LATEX PAINT FOR MULTI-SURFACE APPLICATION	PREP SUBSTRATE AS REQ'D BY MANUF. SPECS APPLY PAINT PER MANUF. SPECS.
EXC / EXTERIOR CLADDING							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
EXC-1	EXTERIOR	KNOTWOOD		MUSKET GREY			
ROOF / ROOF							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
ROOF-101	METAL ROOF	DMI METALS	TL25 PROFILE	MUSKET GREY		STANDING SEAM METAL ROOF	CONTINUOUS GUTTER
SS / SOLID SURFACE							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
SS-1	WOMEN/MENS RR - COUNTER						
WB / WALL BASE							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
WB-1	COVE BASE TILE, RR	LOUISVILLE TILE		COTTON/GLOSSY		6"X12" COVE BASE TILE	INSTALL PER MANUFACTURERS REQUIREMENT
WB-2	TOP SET COVE BASE, RR	LOUISVILLE TILE		COTTON/GLOSSY		6" TOP SET COVE BASE, BULLNOSE TOP	INSTALL PER MANUFACTURERS REQUIREMENT
WD / WOOD FINISH - FOR REFERENCE ONLY							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
WD-1	EXTERIOR	KNOTWOOD		SW3532		4" CLADDING ST. KEC150	INSTALL PER MANUFACTURERS REQUIREMENT
WT / WALL TILE							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
WT-1	WALL TILE	LOUISVILLE TILE	12X24 / GLOSSY	GRAY		BRICK PATTERN	GROUT SHALL BE LATICRETE, SPECTRALOCK PRO EPOXY, #45 "RAVEN" W/ 1/8" GROUT SPACERS
WT-2	WALL TILE	LOUISVILLE TILE	4X12 TRIM 12X12 MOSAIC CUT IN (2)6X12 STRIPS	GRAY		3X6" SUBWAY TILE	GROUT SHALL BE LATICRETE, SPECTRALOCK PRO EPOXY, #45 "RAVEN" W/ 1/8" GROUT SPACERS
WT-3	WALL TILE	LOUISVILLE TILE	12X24 / GLOSSY	LIGHT		VERTICAL PATTERN	GROUT SHALL BE LATICRETE, SPECTRALOCK PRO EPOXY, #60 "DUSTY GREY" W/ 1/8" GROUT SPACERS
WT-4	WALL TILE	LOUISVILLE TILE	3X12	GRAY		BULLNOSE	GROUT SHALL BE LATICRETE, SPECTRALOCK PRO EPOXY, #45 "RAVEN" W/ 1/8" GROUT SPACERS
VCT / VCT FLOORING							
ID	LOCATION	MANUF.	STYLE/FINISH	COLOR	CLASS	DESCRIPTION	REMARKS
VCT-1	SEE FINISH PLAN	GERFLOR	CREATION CLIC SYSTEM 0360	DEEP FOREST	A	RANDOM STAGGERED PLANKS	INSTALL PER MANUFACTURERS REQUIREMENTS.

GENERAL WALL TYPE NOTES

- NOT ALL WALL TYPES SHOWN ON THIS SHEET MAY BE USED; REFER TO CONSTRUCTION FLOOR PLANS.
- VERTICAL & HORIZONTAL EXTENTS OF INTERIOR WALL SUBSTRATES & FINISHES ARE SHOWN ON SUBSTRATE G./or FINISH PLAN(S) G./or INTERIOR ELEVATIONS SHEETS.
- END CONDITION AT THE TOP OF WALLS SHALL VARY AS FOLLOWS:
 - FULL HEIGHT WALLS TO TERMINATE @ UNDERSIDE OF STRUCTURE ABOVE
 - PARTIAL HEIGHT WALLS SHALL TERMINATE ABOVE ARCHITECTURAL CEILINGS WITH DIAGONAL BRACING FROM TOP PLATE OR TRACK TO UNDERSIDE OF STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
- NOTE: SEE "WALL TYPE LEGEND" ON THIS SHEET.
- ALL STRUCTURAL CONNECTIONS, FRAMING SIZE/ SPACING, BLOCKING, ETC., SHOWN ON THESE SHEETS ARE TO BE VERIFIED WITH STRUCTURAL DRAWINGS, INSTRUCTIONS, DETAILS, ETC. SHOWN ON STRUCTURAL DRAWINGS ARE TO TAKE PRECEDENCE & SUPERCEDE ANY DRAWINGS SHOWN ON THIS SHEET.
- ALL SUBSTRATES TO BE GLUED & SCREWED TO FRAMING MEMBERS, UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.
- SUBSTRATE HEIGHT TO MATCH FRAMING HEIGHT, UNLESS NOTED OTHERWISE.
- PROVIDE 3/4" GAP BETWEEN SUBSTRATE & B.O. ROOF STRUCTURE ABOVE @ ALL AREAS W/ EXPOSED CEILINGS & FULL HEIGHT WALLS.
- DO NOT INSTALL SUBSTRATE BETWEEN ADJACENT FRAMING WHERE PACK-OUT WALL LOCATIONS ARE INDICATED, UNLESS NOTED OTHERWISE.
- ALL GYPSUM WALL BOARD IN TOILET OR OTHER "WET" ROOMS IS TO BE MOISTURE & MOLD RESISTANT.

FREEZER/ COOLER WALL TYPE NOTES

- INSULATED COOLER/ FREEZER WALL PANEL TO VARY IN THICKNESS AS FOLLOWS:
 - 3-1/2" THK @ "COOLER"
 - 4-1/2" THK @ "FREEZER"
- FINAL WALL PANEL THICKNESS TO BE DETERMINED BY FREEZER/ COOLER MANUFACTURER.
- G.C. TO VERIFY FREEZER/ COOLER SHOP DRAWINGS WITH CONSTRUCTION & SUBMIT TO ARCHITECT FOR APPROVAL.

CMU SIZING SCHEDULE

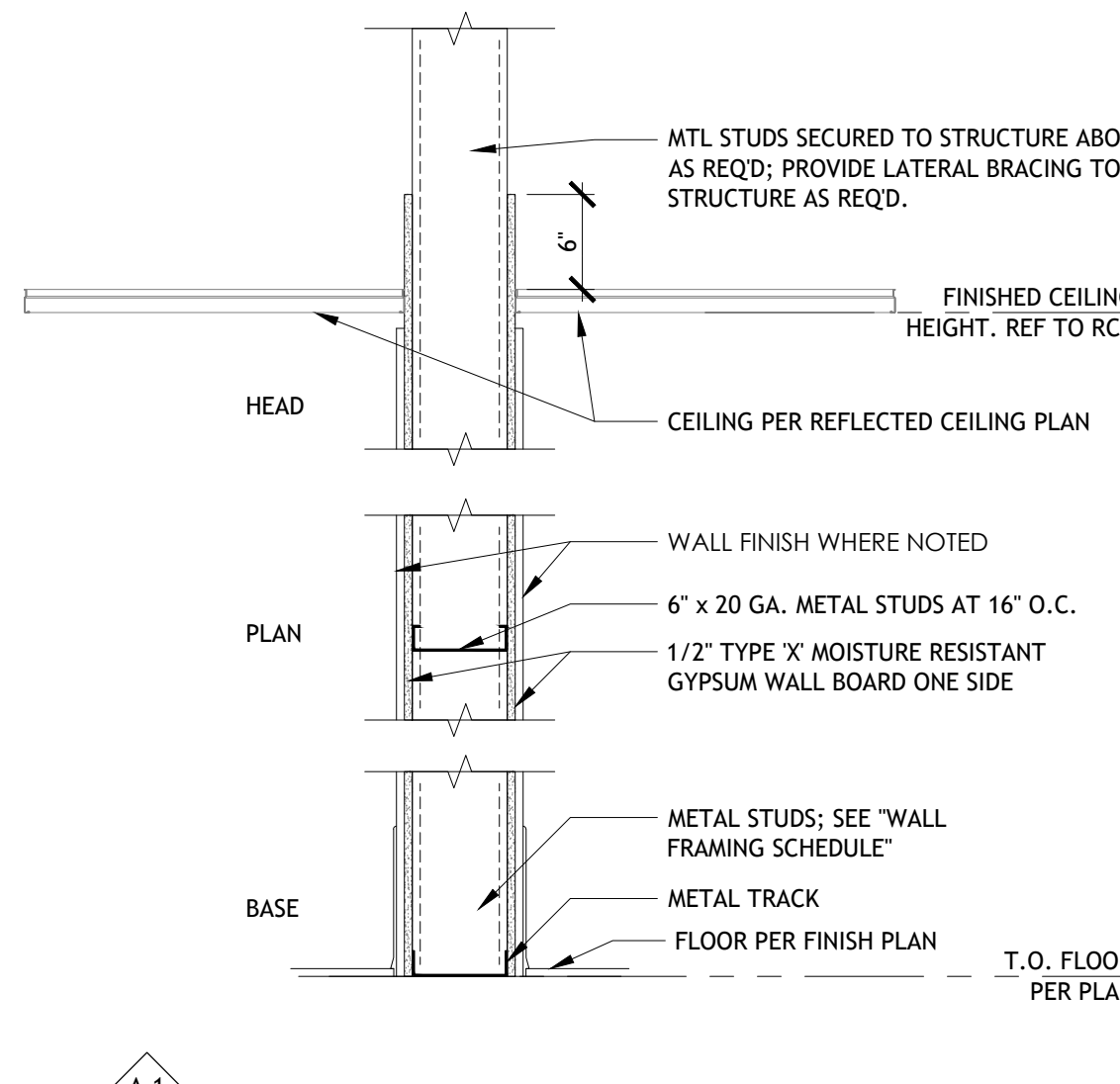
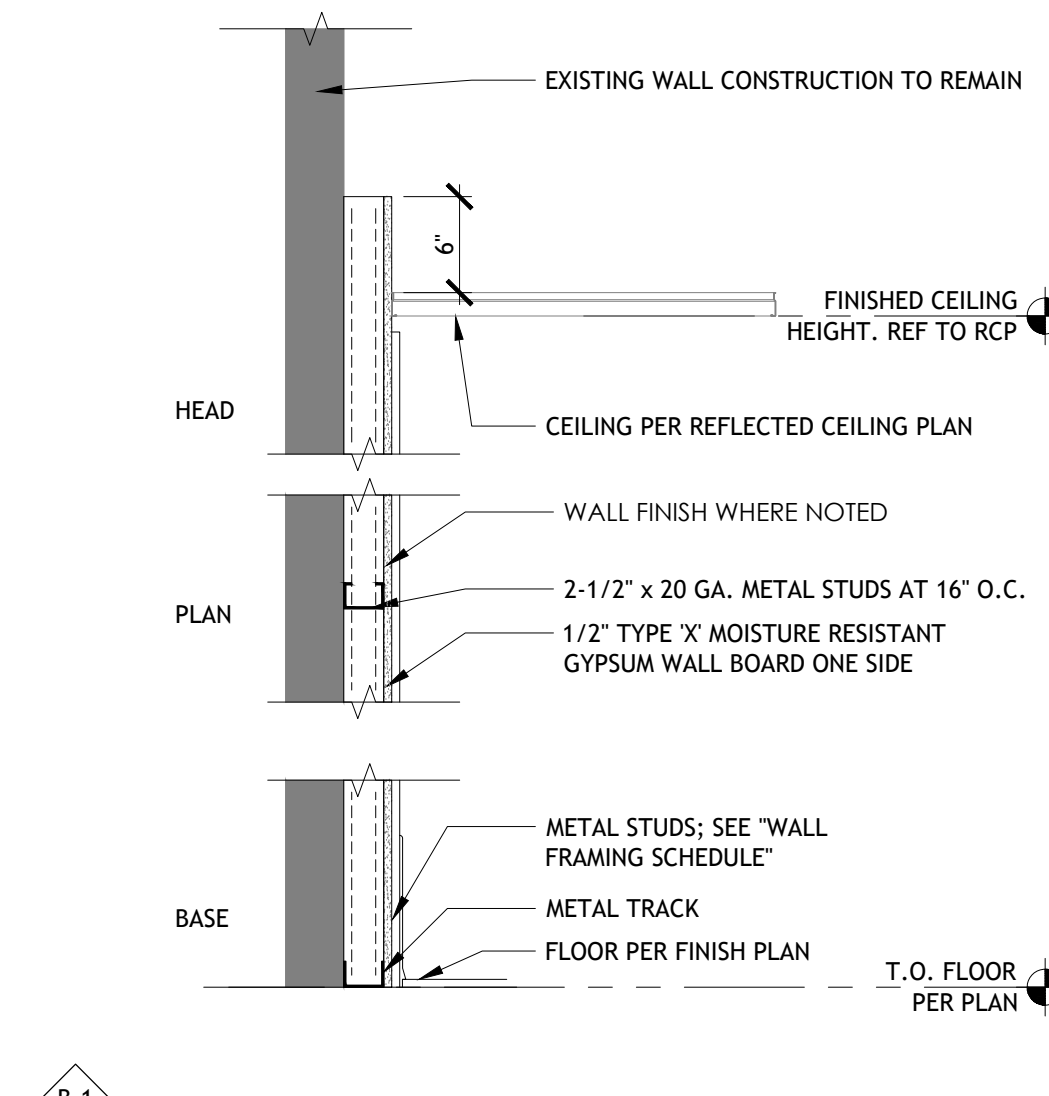
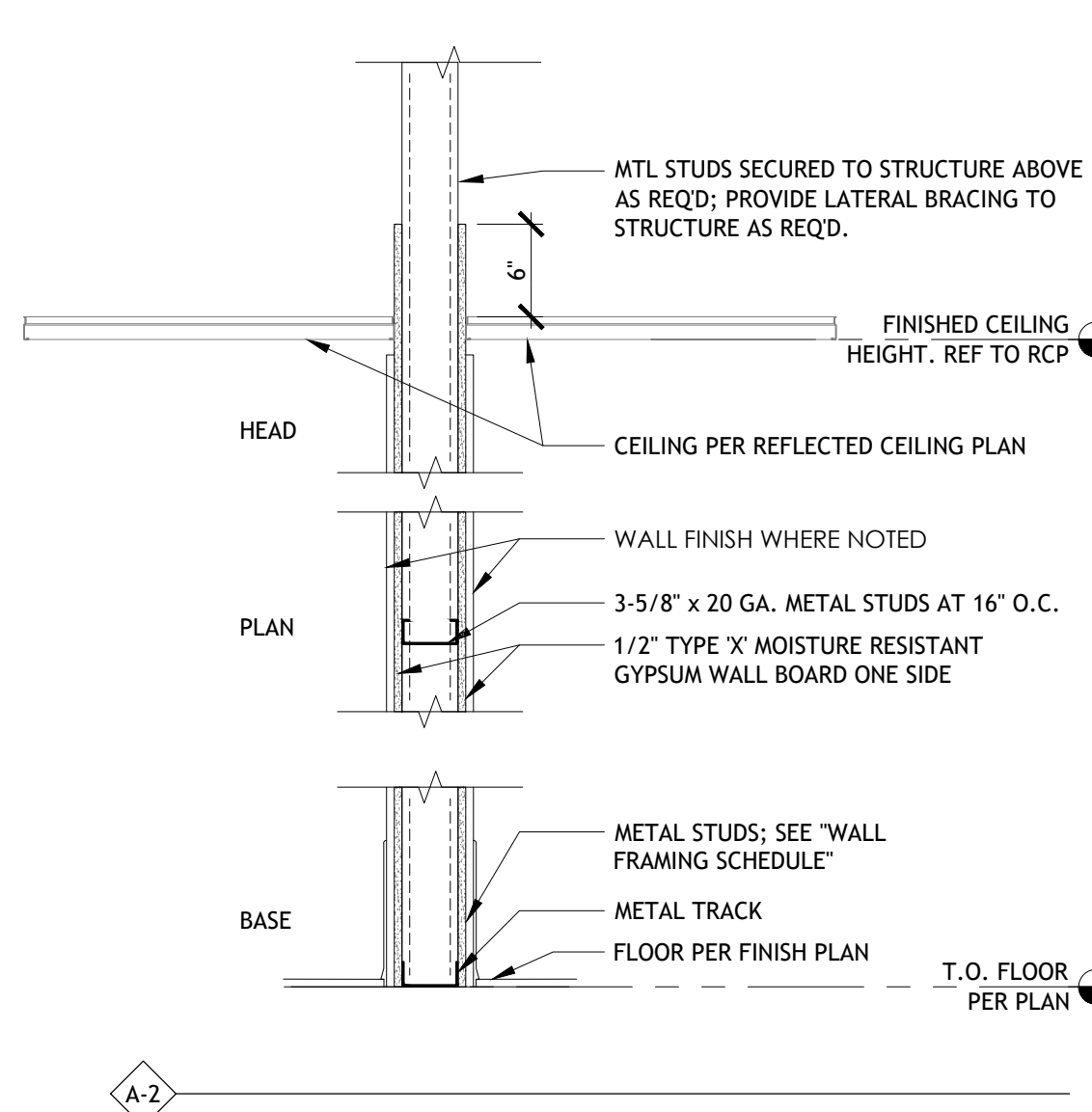
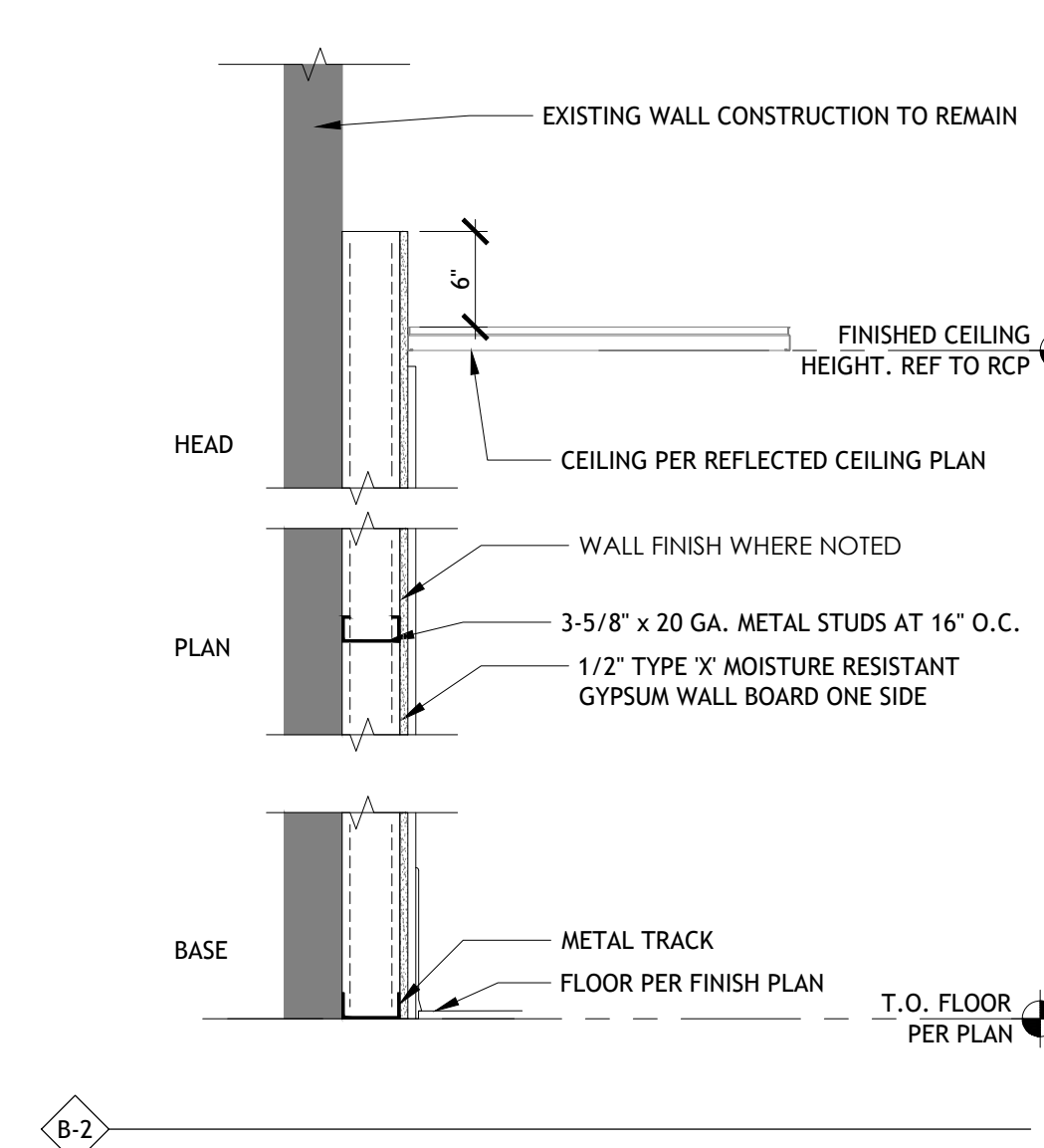
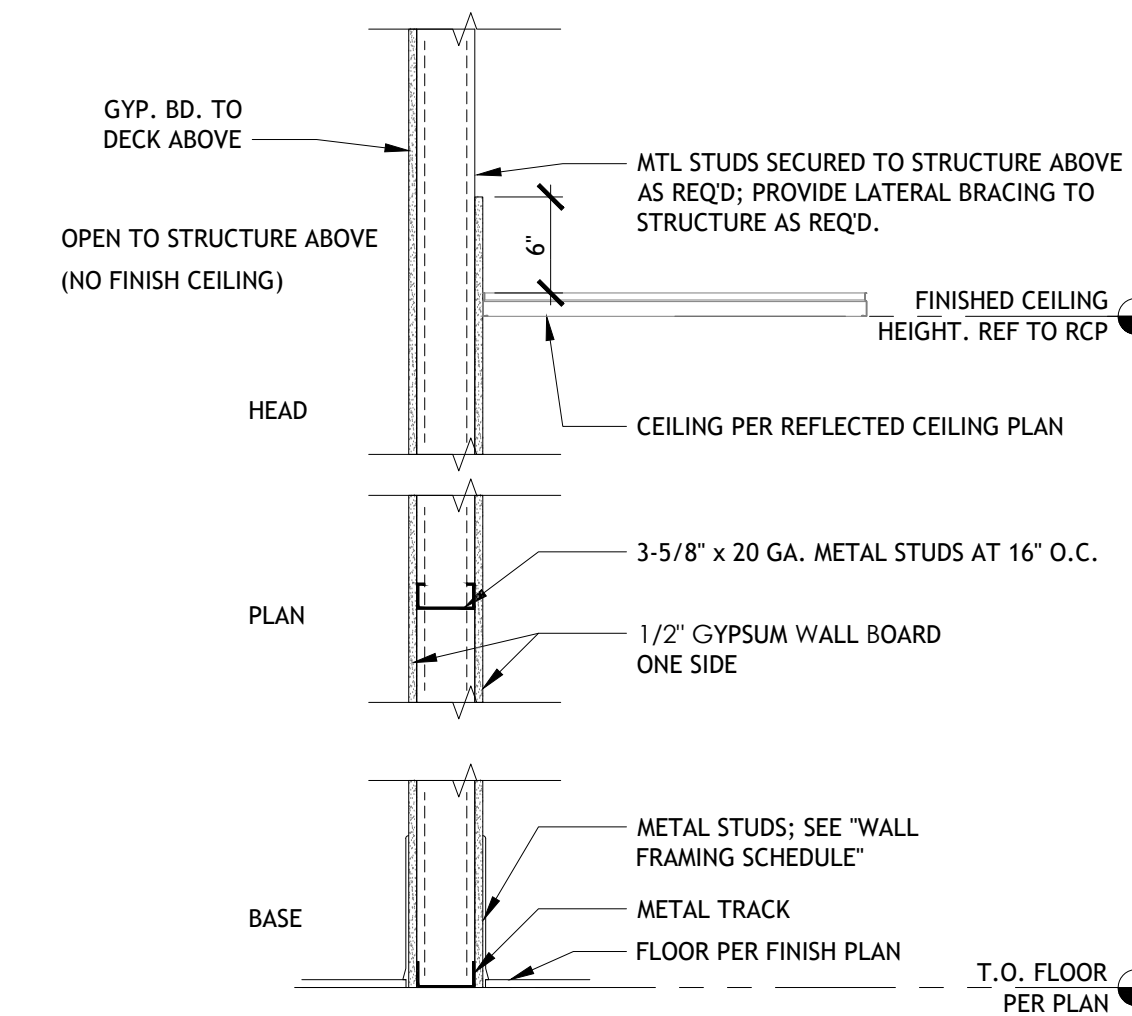
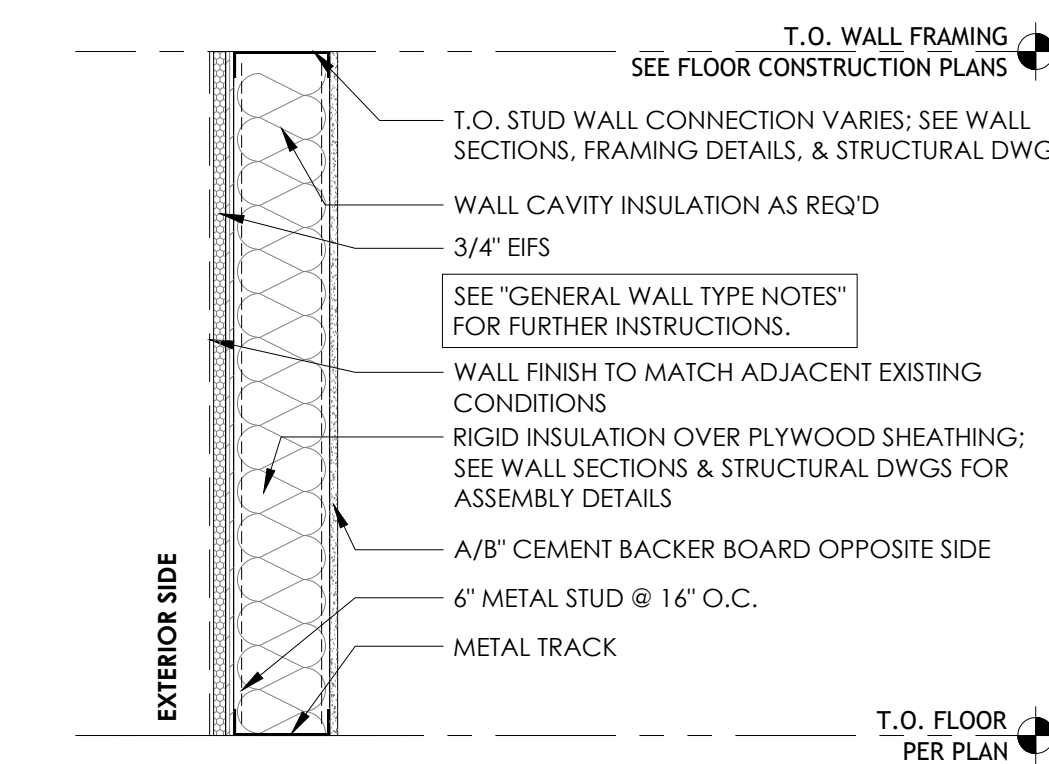
SUBTYPE	DEPTH (NOMINAL)	HEIGHT (NOMINAL)	WIDTH (NOMINAL)	NOTES
.4	4"	8"	16"	
.6	6"	8"	16"	
.8	8"	8"	16"	
.10	10"	8"	16"	ARCHITECTURAL SPLIT FACE
.12	12"	8"	16"	
.16	16"	8"	16"	

- NOTES
- WIDTH SIZES NOTED ABOVE MAY VARY PER OVERALL BUILDING LAYOUT; SUBCONTRACTOR TO DETERMINE FINAL WIDTH TO ALIGN W/ PLAN DIMENSIONS.
 - G.C. TO HOLD OUT-TO-OUT (EXTERIOR) DIMENSIONS OF MASONRY AS SHOWN ON PLAN. ALL OTHER INTERIOR DIMENSIONS ARE TO BE VERIFIED IN FIELD.

WALL FRAMING SCHEDULE

SUBTYPE	DEPTH	STRUCTURE	SPACING	NOTES
E or 0	EXISTING	EXISTING	EXISTING	SUBSTRATE ONLY (AS INDICATED IN WALL TYPE)
.1	1-1/2"	2x ON FLAT	16" O.C.	FURRING AT SPACING INDICATED IN WALL TYPE
.2	2-1/2"	METAL	16" O.C.	
.3	3-1/2"	2x4	16" O.C.	TYPICAL, DEFAULT WOOD STUD SIZE
NONE	3-4/8"	METAL	16" O.C.	TYPICAL, DEFAULT METAL STUD SIZE
.4	4"	METAL	16" O.C.	LOAD BEARING WALLS ONLY
.5	5-1/2"	2x6	16" O.C.	
.6	6"	METAL	16" O.C.	
.7	7-1/4"	2x8	16" O.C.	
.8	8"	METAL	16" O.C.	
.9	9-1/4"	2x10	16" O.C.	

- NOTES
- METAL STUD GAUGE:
 - INTERIOR NON-LOAD BEARING PARTITIONS: 20 GAUGE, UNLESS NOTED OTHERWISE.
 - EXTERIOR LOAD BEARING WALLS: GAUGE INDICATED IN STRUCTURAL DRAWINGS.
 - ALL FRAMING SIZES LARGER THAN 9 1/4" ARE INDICATED IN DETAILS & SECTIONS.
 - SEE STRUCTURAL DRAWINGS FOR TYPICAL STUD TO STUD CONNECTION & ATTACHMENT DETAILS.
 - STRUCTURAL DRAWINGS TO SUPERCEDE GAUGE & SPACING INDICATED ABOVE.



CORE STATES GROUP

CORESTATES DESIGN P.C.

111 3rd Avenue S
Suite #90
612.547.1300
Minneapolis, MN 55401
www.core-states.com

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RESTROOM ACCESSORIES						
ID	ITEM	LOCATION	MANUFACTURER	MODEL	FINISH/COLOR	REMARKS
PA-1	WALL MOUNTED SANITARY NAPKIN RECEPTACLE	WOMENS ADA RR	CONTINENTAL	260W	CHROME	
PA-2	TISSUE DISPENSER	MENS /WOMENS RR	KIMBERLY-CLARK SCOTT	44518	BLACK	FURNISHED BY BROOKSHIRES INSTALLED BY G.C.
PA-3	SURFACE MOUNTED WASTE RECEPTACLE	MENS /WOMENS RR	BOBRICK	B-277	STAINLESS STEEL	TYPE 304 PROVIDE WITH REUSABLE LINER BAG
PA-4	ELECTRICAL ROLL PAPER TOWEL DISP.	MENS /WOMENS RR	KIMBERLY-CLARK SCOTT	34368	BLCK	FURNISHED BY BROOKSHIRES INSTALLED BY G.C.
PA-5	RESTROOM PARTITION (SET)	MENS/WOMENS RR	ACCURATE PARTITIONS CORP	9205	BLACK	CONTINUOUS HINGES AND BRACKETS
PA-6	SOAP DISPENSER	MENS/WOMENS RR	KIMBERLY-CLARK SCOTT	32508	FAUX STAINLESS	FURNISHED BY BROOKSHIRES AND INSTALLED BY G.C.
PA-7	SNAP FLANGE GRAB BAR	MENS/WOMENS RR	AMERICAN SPECIALTIES, INC	3800	SATIN	VERIFY LENGTHS WITH PLANS
PA-8	MIRROR @ SINKS	MENS/WOMENS RR	AMERICAN SPECIALTIES, INC	0620		1/4"X22"X36" PLATE GLASS MIRROR W/ BOTTOM 1" ABOVE TOP OF SPLASH
PA-9	DIAPER CHANGING TABLE	MENS/WOMENS RR	PLUIE	P100 PLUS		PROVIDE POWER

PLUMBING FIXTURES						
ID	ITEM	LOCATION	MANUFACTURER	MODEL	FINISH/COLOR	REMARKS
DFA	DRINKING FOUNTAIN	SALES AREA	HALSEY TAYLOR	HTB-HAC8BLS5-NF	STAINLESS STEEL	ELKAY EZSTLWBLK OR OASIS PVBBSL STAINLESS STEEL FINISH
WC	WATER CLOSET	MENS /WOMENS RR	KOHLER	FLUSH VALVE KOHLER K-4406-0 W/ SLOAN ROYAL 111 YB	WHITE	
WCA	ACCESSIBLE WATER CLOSET	MENS /WOMENS RR	KOHLER	FLUSH VALVE KOHLER K-4405-0 W/ SLOAN ROYAL 111 YB FLUSH VALVE LESS LEVER W/ SLOAN OPTIMA SMO EBV-89-A-M SIDE MOUNT	WHITE	
WH3	WATER HEATER	MENS /WOMENS RR	STIEBEL	STIEBEL-ELTRON DHC 3-1 TANKLESS WATER HEATER (ELECTRIC)	-	SET TEMPERATURE FOR 113° F. MOUNT TO WALL BELOW COUNTER AS HIGH AS POSSIBLE
UWF	URINAL	MENS RR	KOHLER	KOHLER K-4920-T-0 W/ SLOAN ROYAL 186 YB FLUSH VALVE LESS LEVER	-	
SJ	JANITOR SINK	JANITOR	KOHLER	KOHLER K-6710-0 W/ K-8940	-	K-9146CP 3" NPT SINK STRAINER
SC	COUNTERTOP HAND SINK	BREAK ROOM	ELKAY	ACCESSIBLE ELKAY BPSR-15	-	
MC	FUSED GRANITE COUNTERTOP	MENS /WOMENS RR	-	-	-	"UBA TUBA" FUSED GRANITE ANCIORA #LI-SV-14 BY C-TECH-1

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Suite #400
412.547.1300
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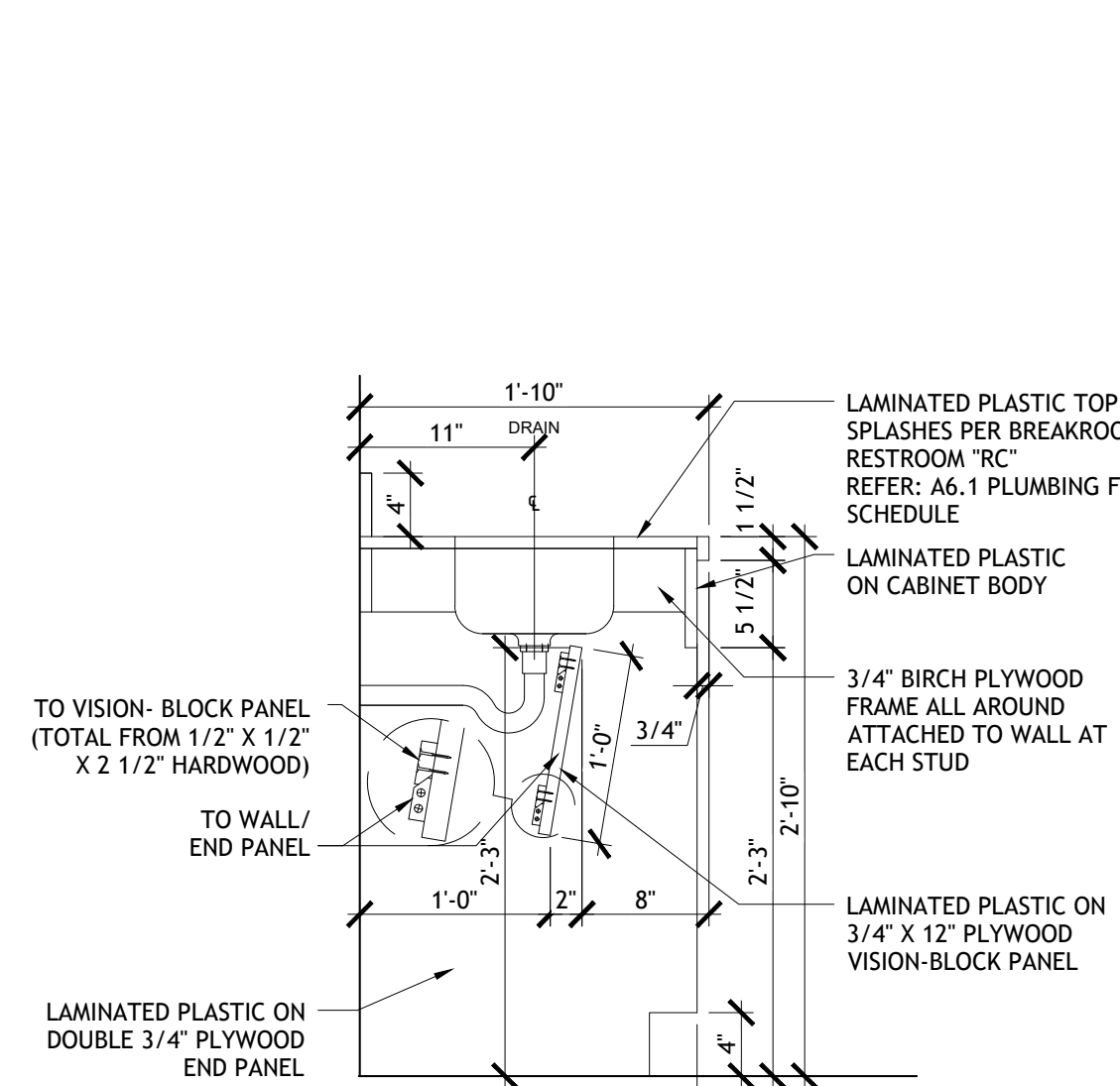
Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR

BREAKROOM CABINET FINISHES
"BREAKROOM" BODIES, DOORS, DRAWERS = WILSONART #4876-38 "SHEER MESH"
"BREAKROOM" COUNTERTOPS, EDGES, SPLASHES, ETC. = WILSONART GIBALTAR #9038EA "FLAGSTONE"
ALL SEMI-EXPOSED SURFACES = WHITE MELAMINE

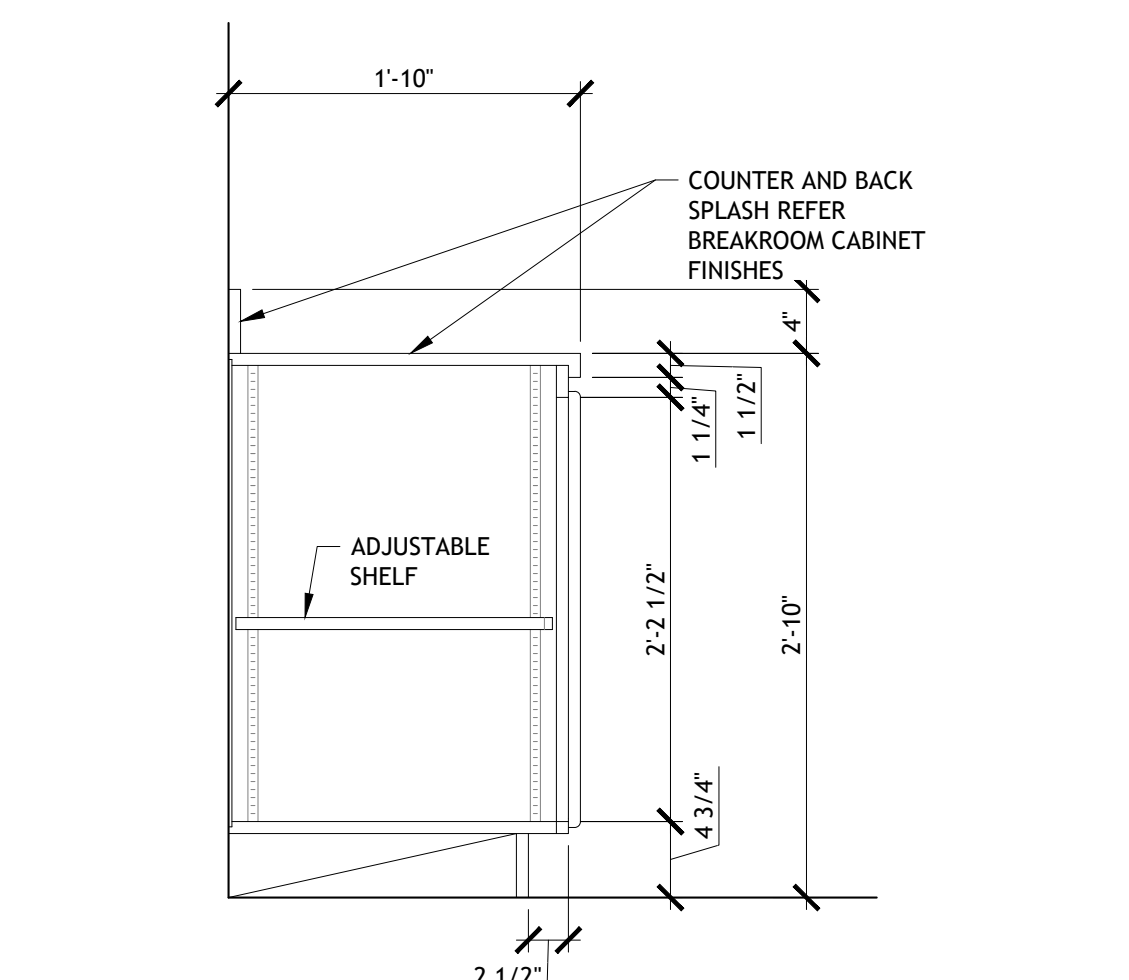
BREAKROOM CABINET HARDWARE
HINGES = BLUM 125 SERIES, SELF-CLOSING, FULLY CONCEALED
PULLS, RECESSED = OUTWATER PLASTICS #370-BK (BLACK)
ADJUSTABLE SHELF HARDWARE = K & V #345NP PINS (HOLES BORED AT 1 1/4" O.C.)

GENERAL TOILET ROOM NOTES:
1. TOILET PARTITION & ALL TOILET ACCESSORY LAYOUT DIMENSIONS ARE FROM FINISH WALL. "DENOTES CRITICAL FINISHED DIMENSION - NO TOLERANCE."
2. COUNTERTOP/LAVATORY LAYOUT DIMS. ARE FROM FINISH WALL.
3. ROUGH-IN DIMENSIONS ARE FROM WALL FRAME LINE.
4. MOUNT TOP OF DIAPER DECK UNIT AT 47 1/2" ABOVE FINISH FLOOR WITH OPEN DIAPER TABLE BED TO NOT BE LESS THAN 30" ABOVE FINISH FLOOR.
5. REFER: A3.9 FOR OTHER TOILET ACCESSORY LAYOUT DIMENSIONS.
6. REFER SHEET A3.4 FOR COLORS & FINISHES.

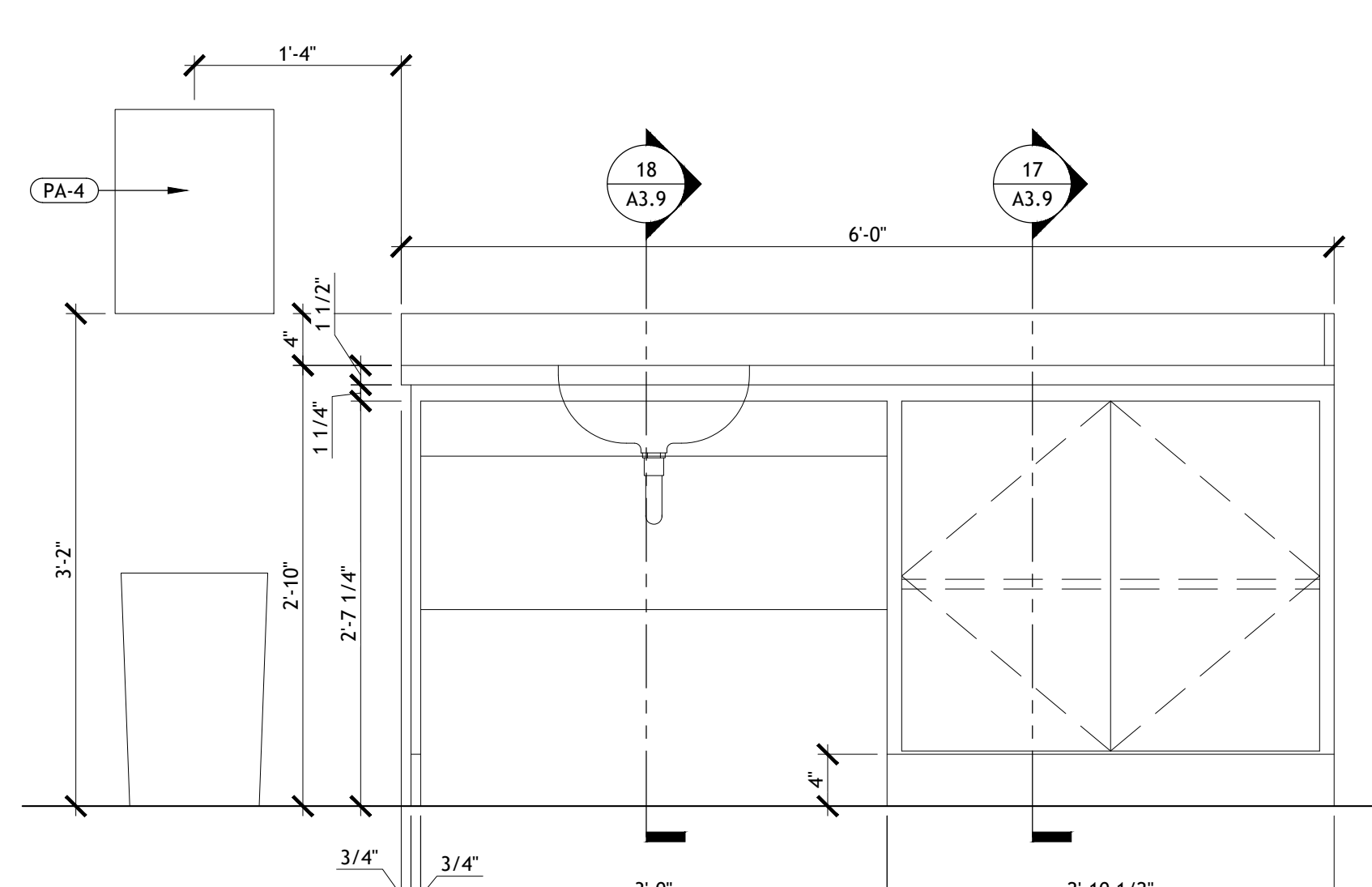
RESTROOM COVERING SCHEDULE NOTES:
1. CORIAN COUNTERTOP/SPLASH W/ BRUSHED NICKEL BOTTOM-MOUNT SINK SHALL BE CORIAN "DEEP BEDROCK".



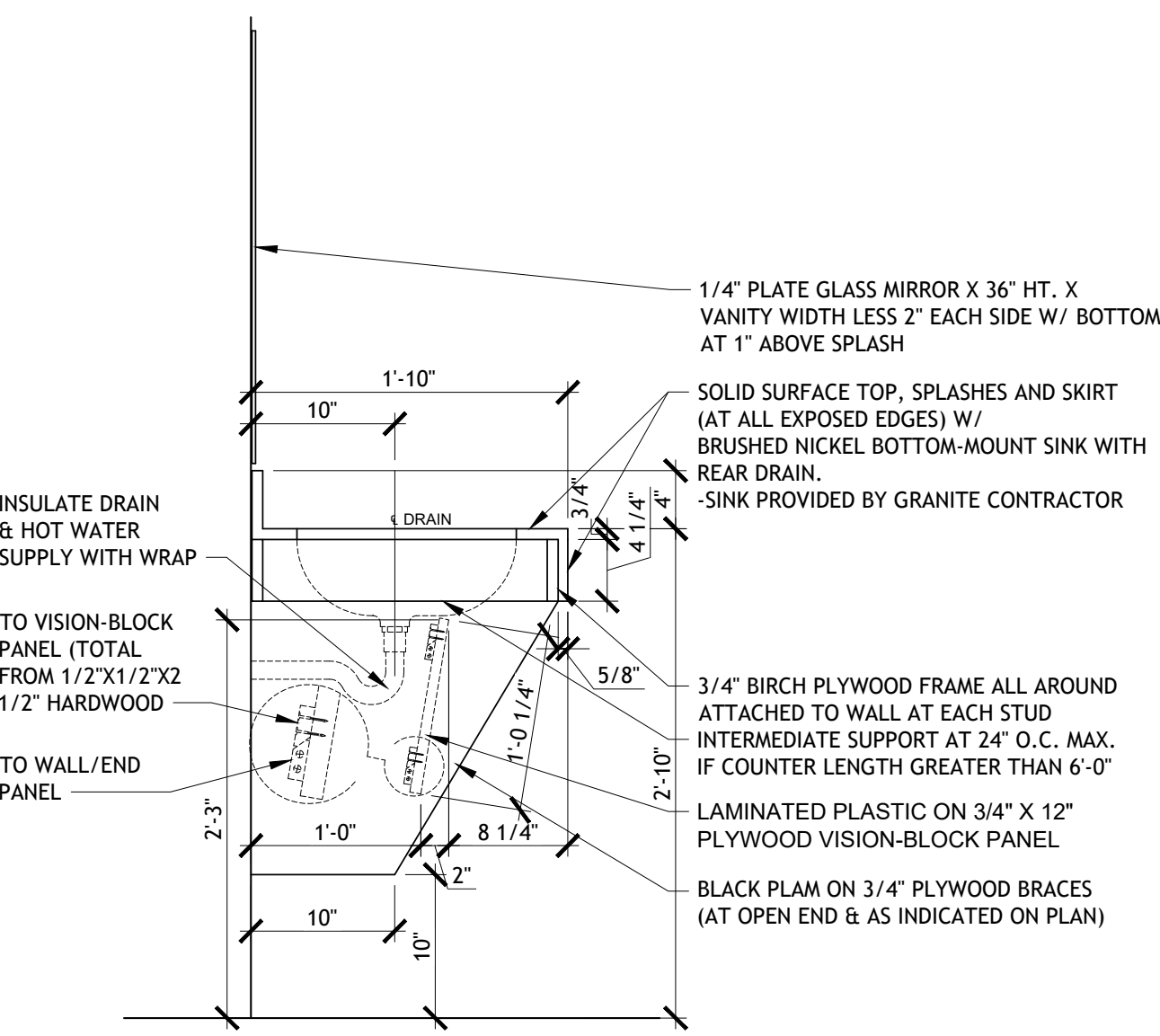
18 BREAK ROOM COUNTER SINK SECTION
SCALE: 1" = 1'-0"



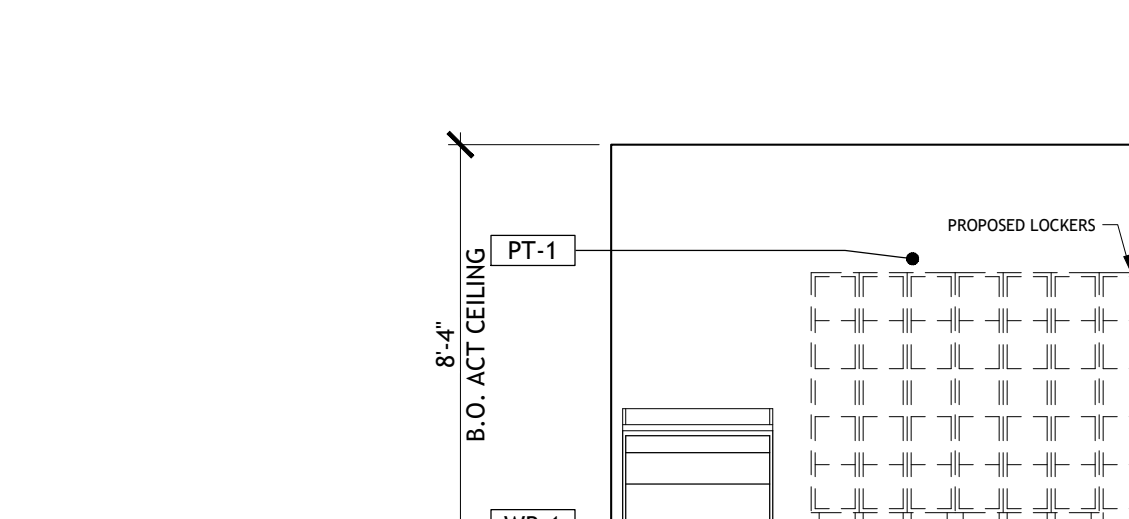
17 BREAK ROOM COUNTER SECTION
SCALE: 1" = 1'-0"



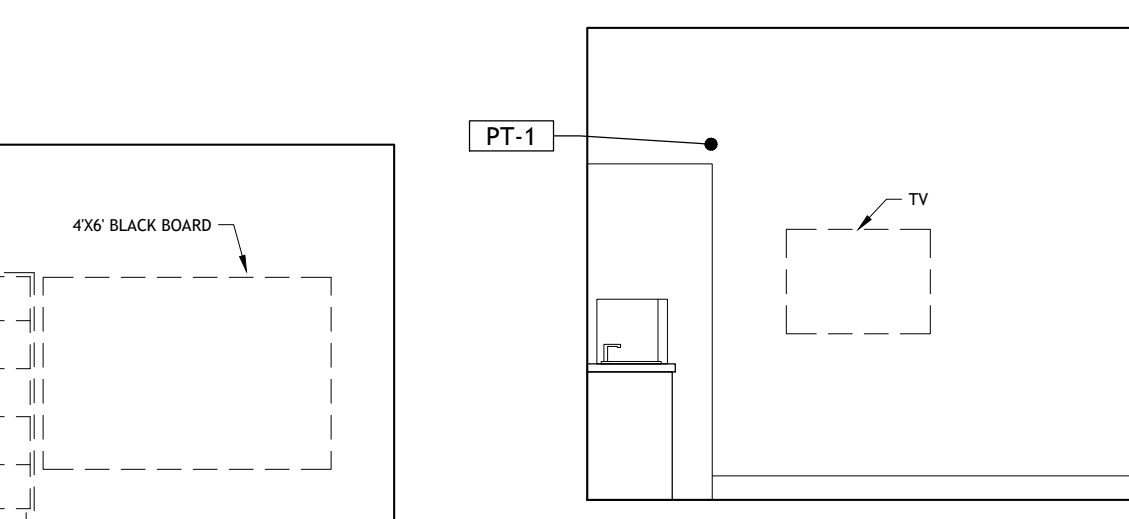
16 BREAK ROOM COUNTER
SCALE: 1" = 1'-0"



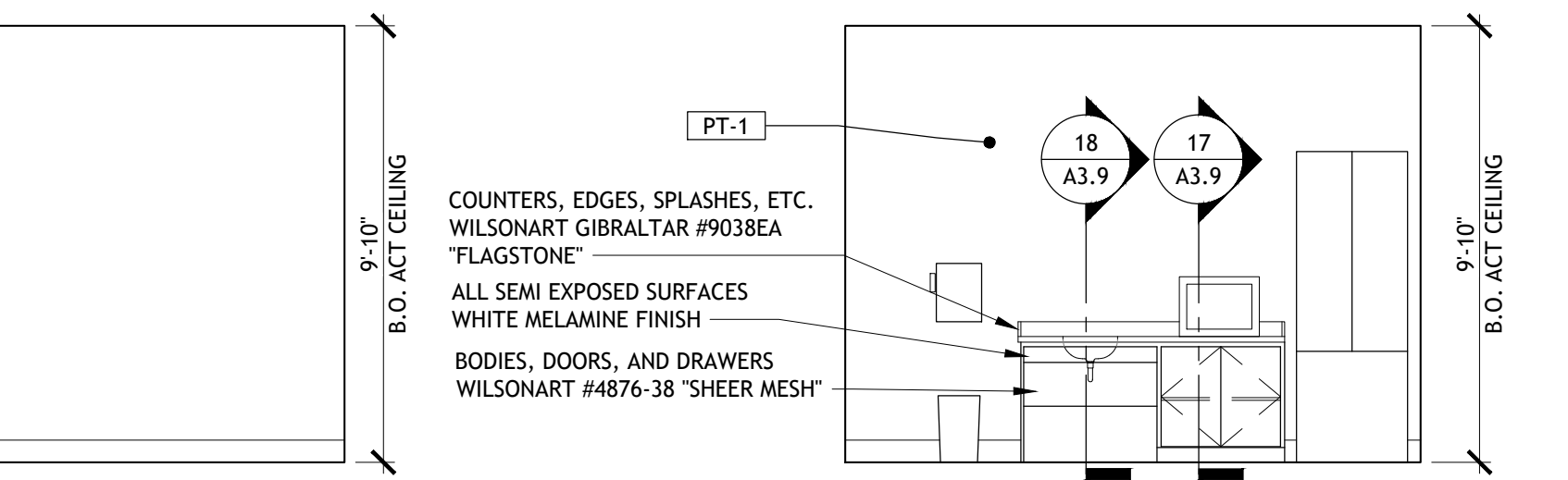
12 RESTROOM COUNTER
SCALE: 1" = 1'-0"



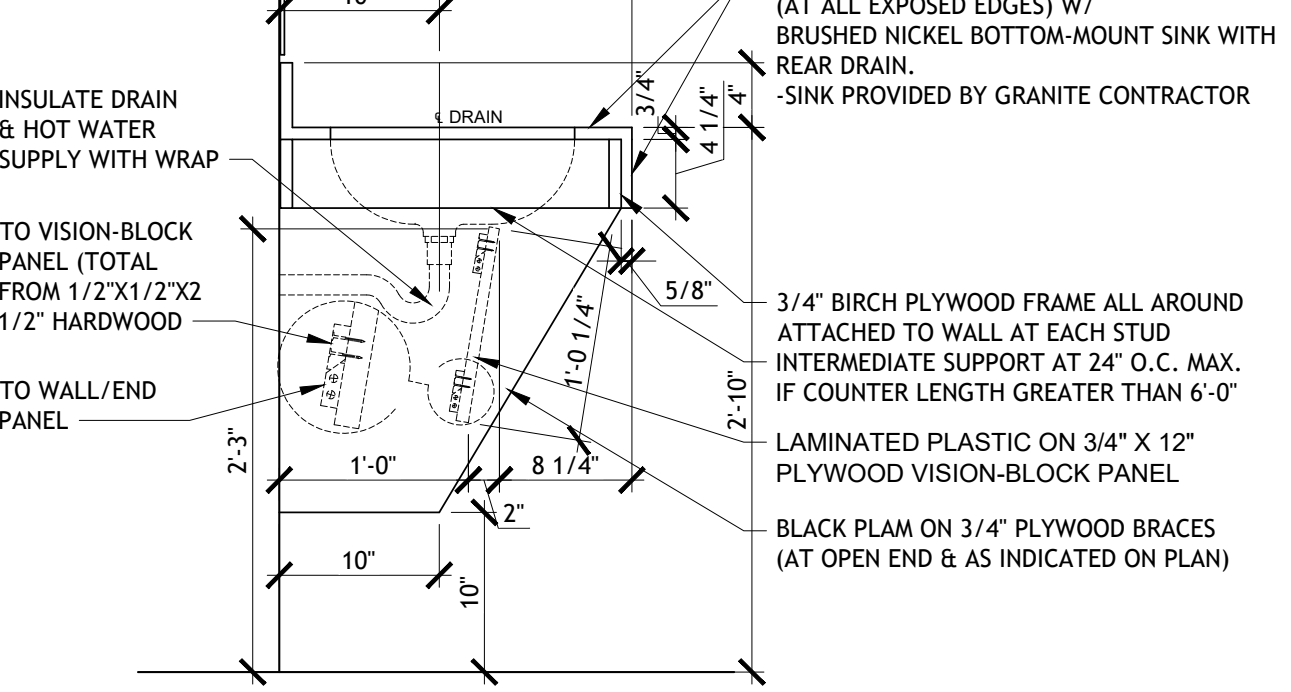
15 BREAK ROOM ELEVATION
SCALE: 1/4" = 1'-0"



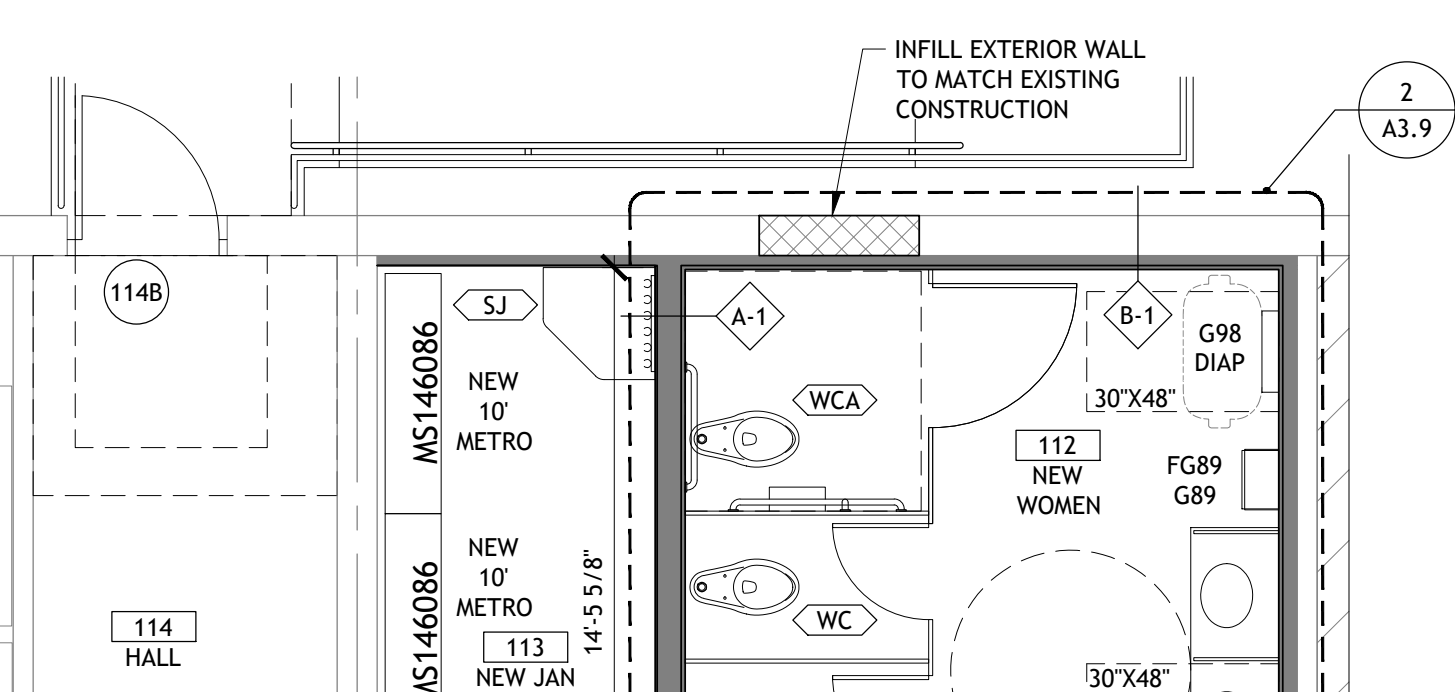
14 BREAK ROOM ELEVATION
SCALE: 1/4" = 1'-0"



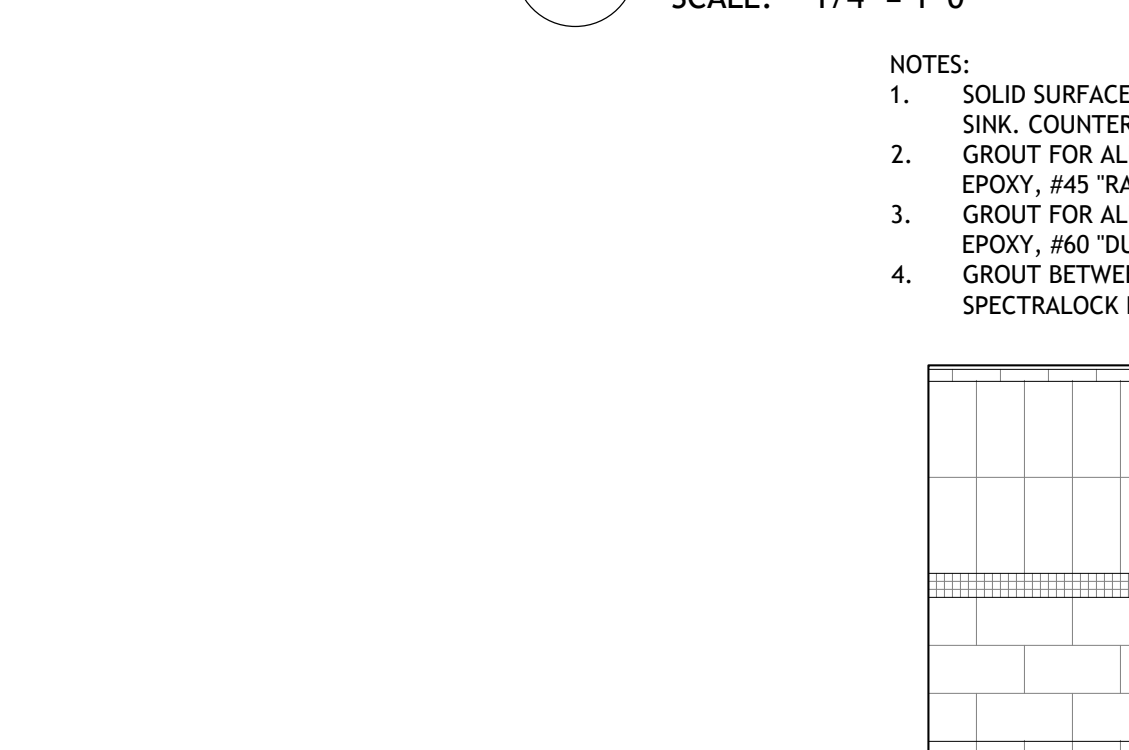
13 BREAK ROOM ELEVATION
SCALE: 1/4" = 1'-0"



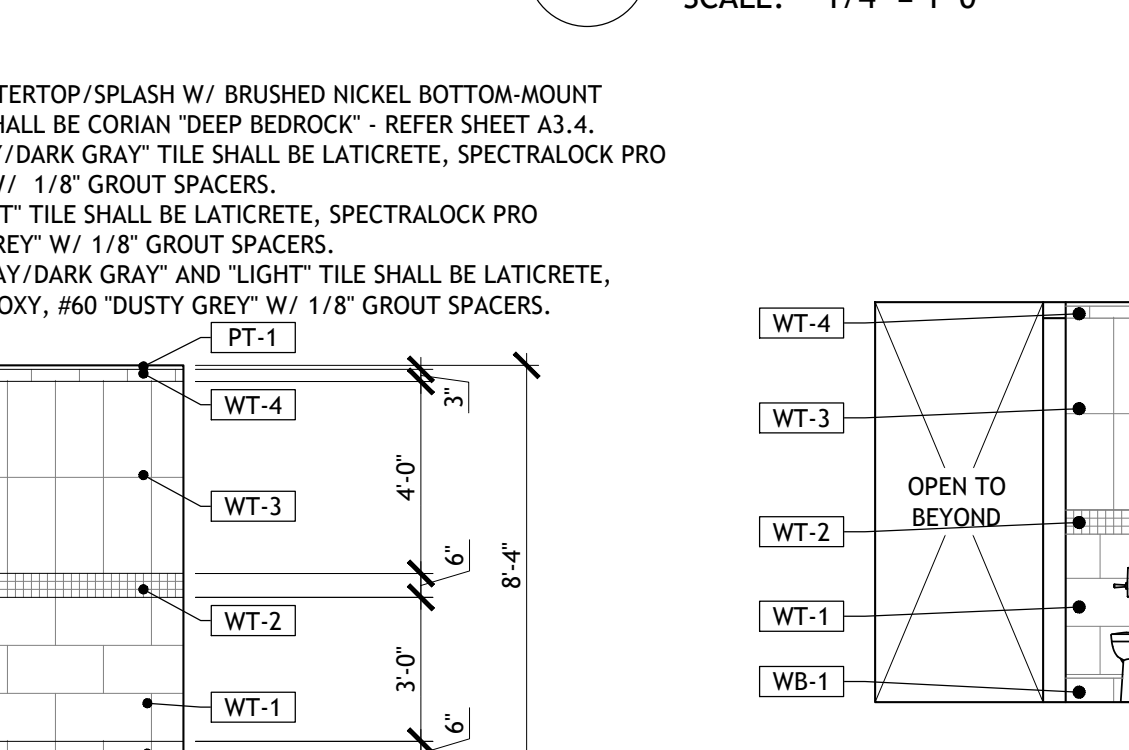
12 RESTROOM COUNTER
SCALE: 1" = 1'-0"



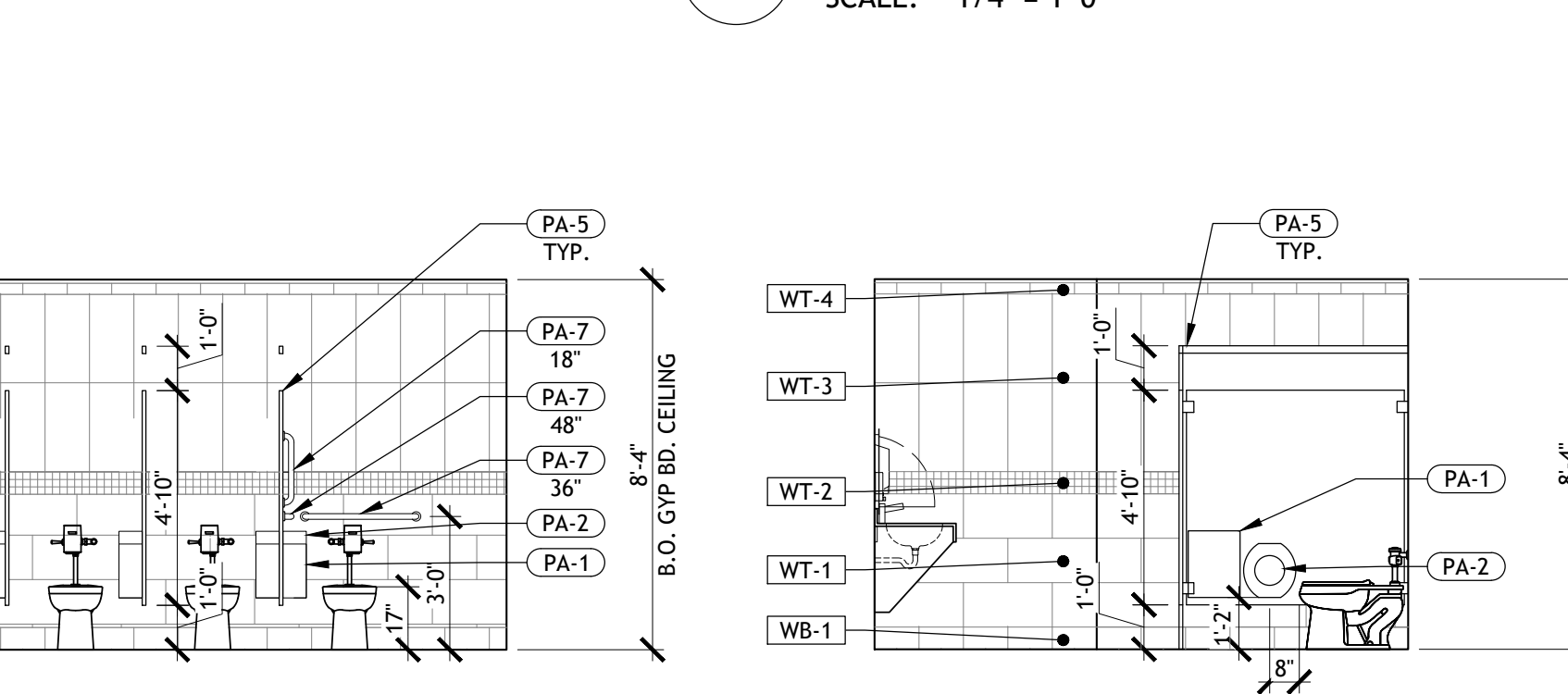
1 ENLARGED RESTROOM/BREAK ROOM PLAN
SCALE: 1/4" = 1'-0"



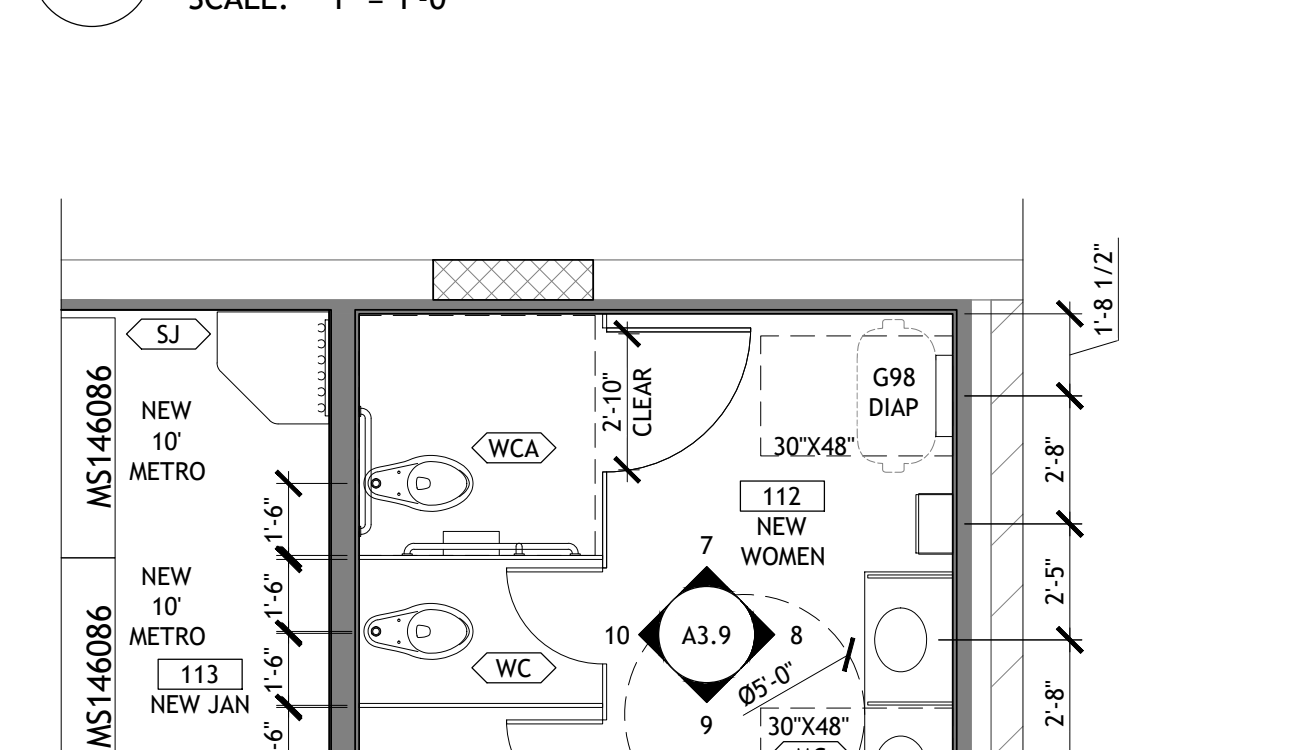
11 RESTROOM WALL TILE PATTERN
SCALE: 1/2" = 1'-0"



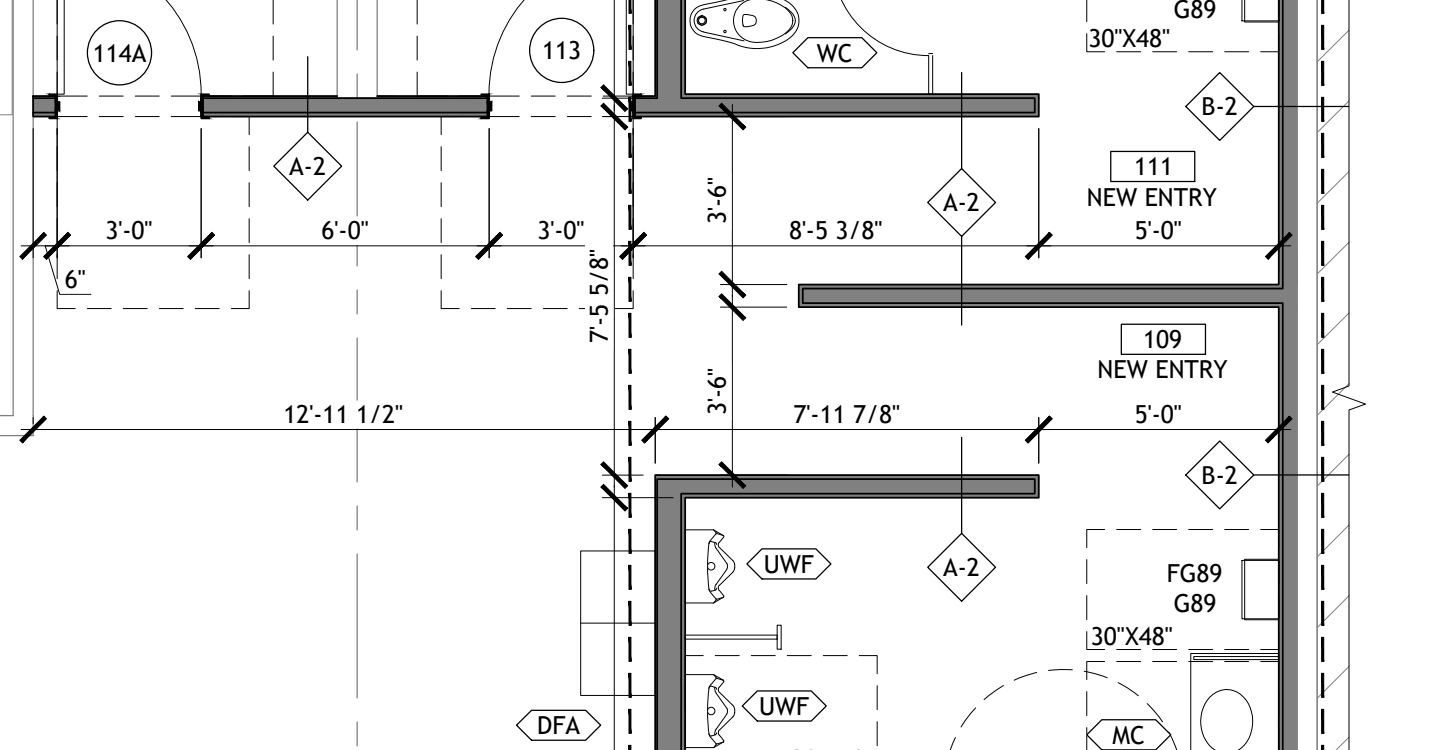
10 WOMENS RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



9 WOMENS RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



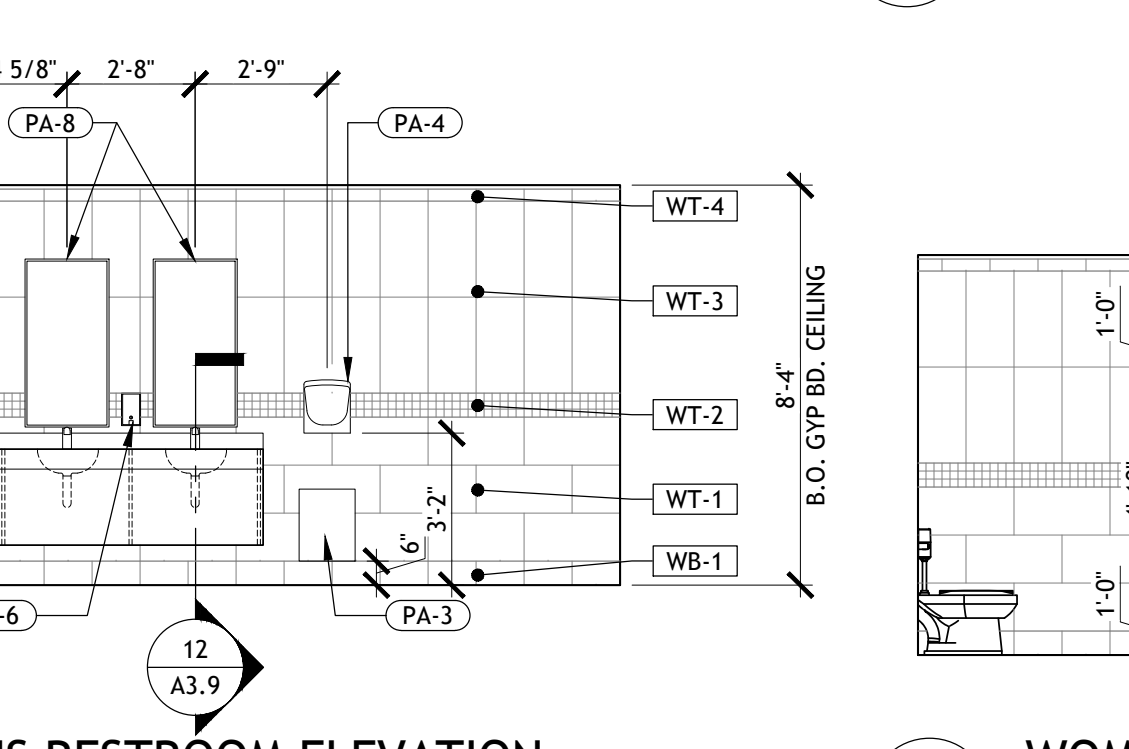
2 ENLARGED RESTROOM FLOOR PLAN
SCALE: 1/4" = 1'-0"



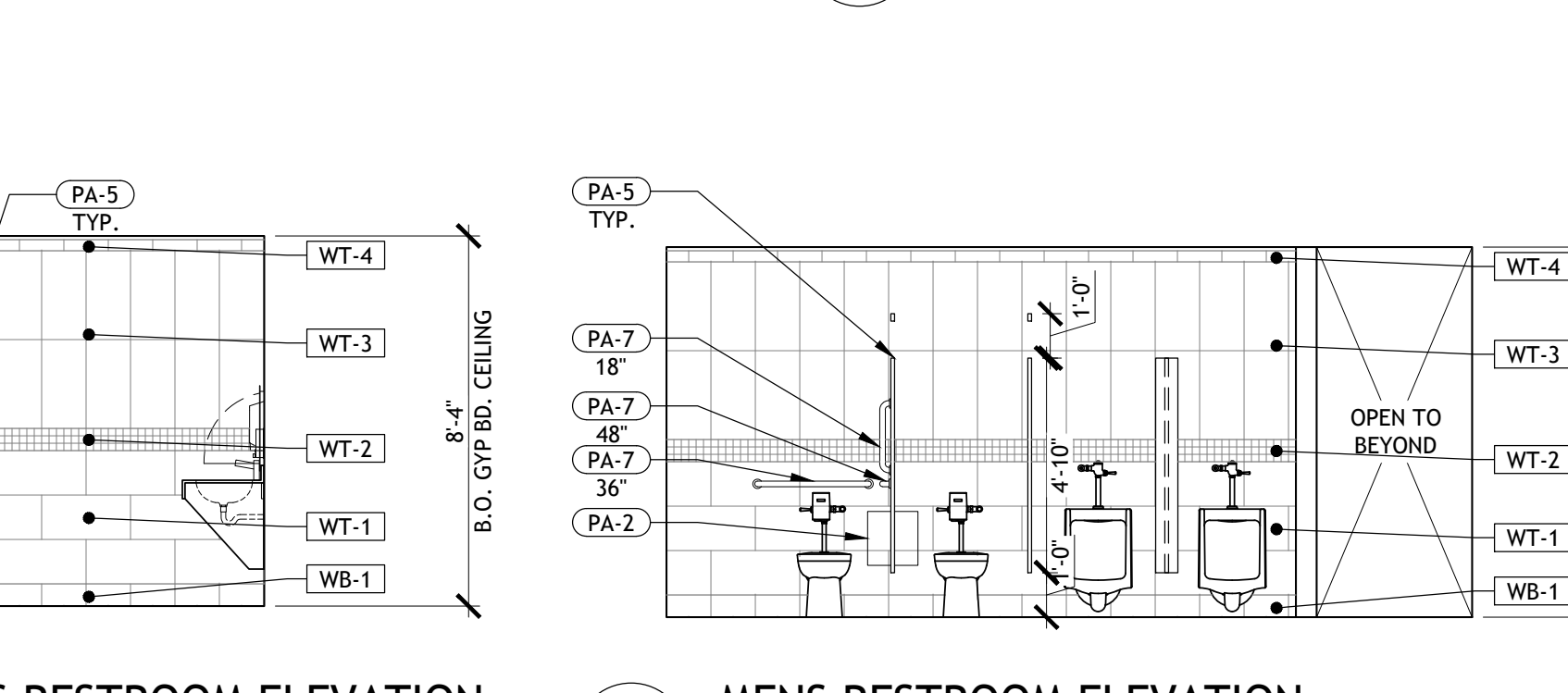
1 ENLARGED RESTROOM/BREAK ROOM PLAN
SCALE: 1/4" = 1'-0"



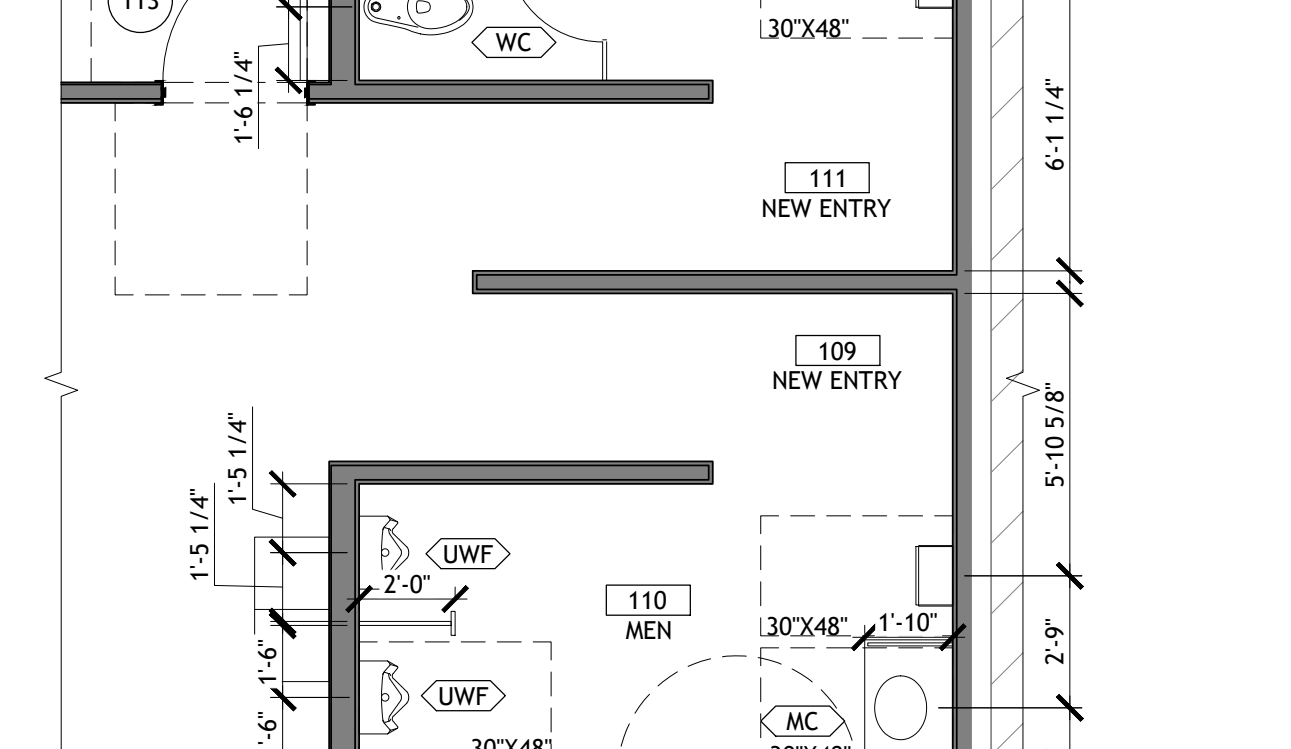
8 WOMENS RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



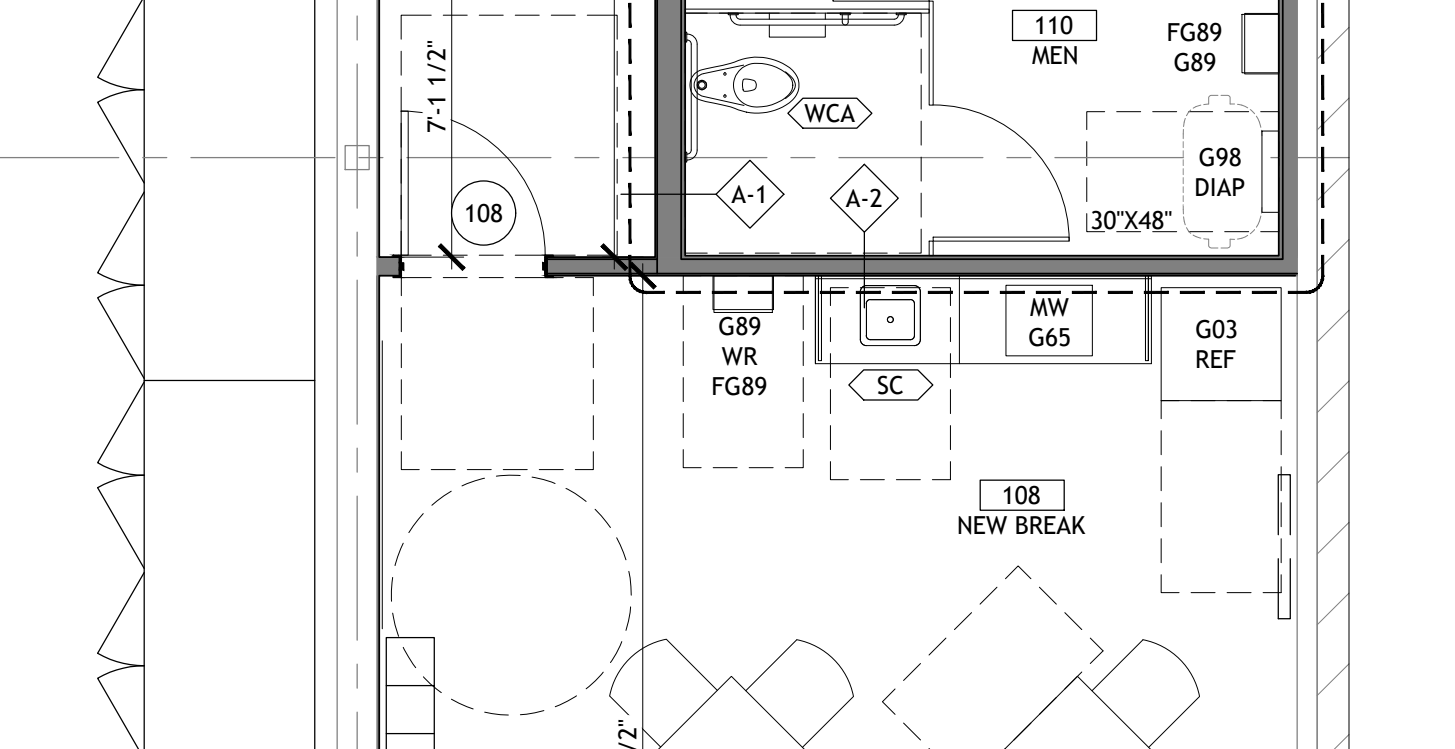
7 WOMENS RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



6 MENS RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



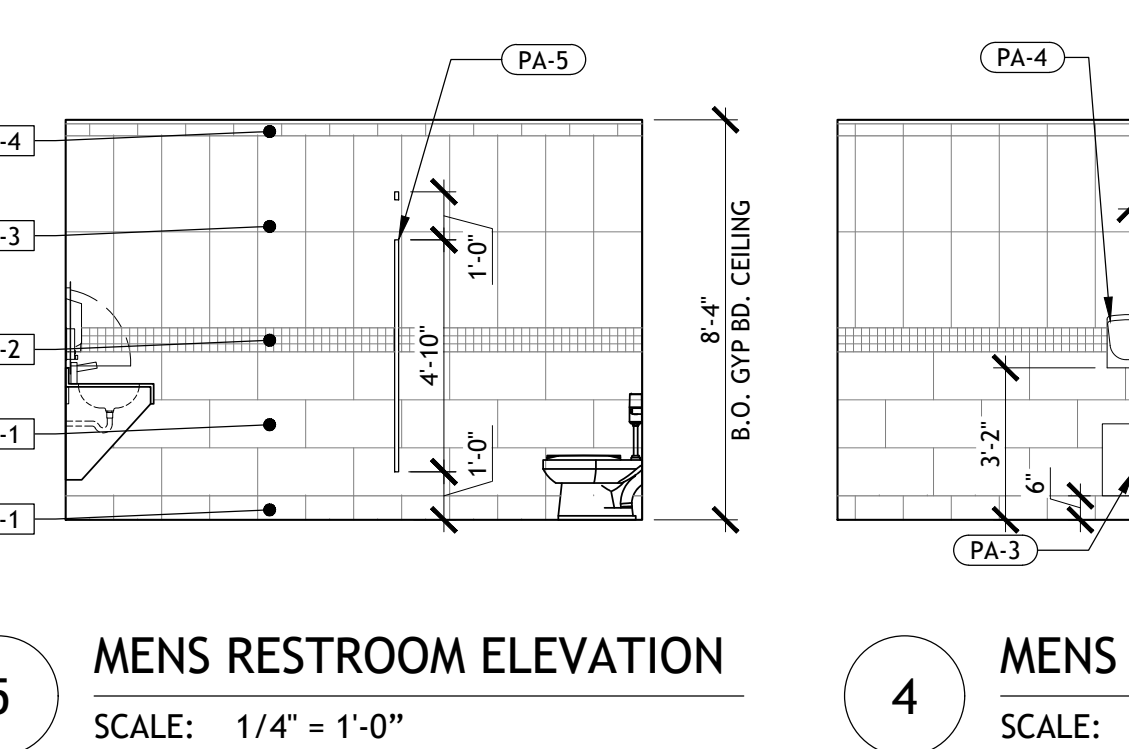
2 ENLARGED RESTROOM FLOOR PLAN
SCALE: 1/4" = 1'-0"



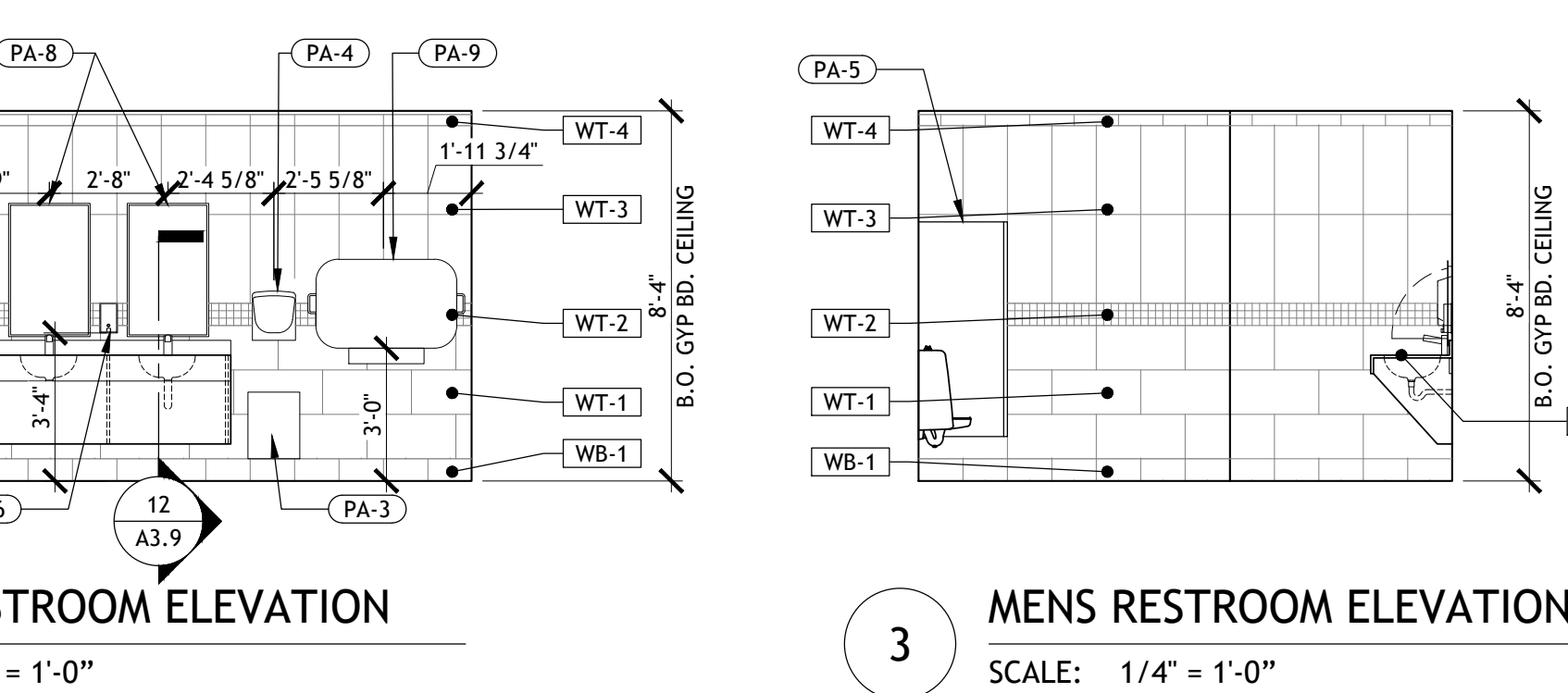
1 ENLARGED RESTROOM/BREAK ROOM PLAN
SCALE: 1/4" = 1'-0"



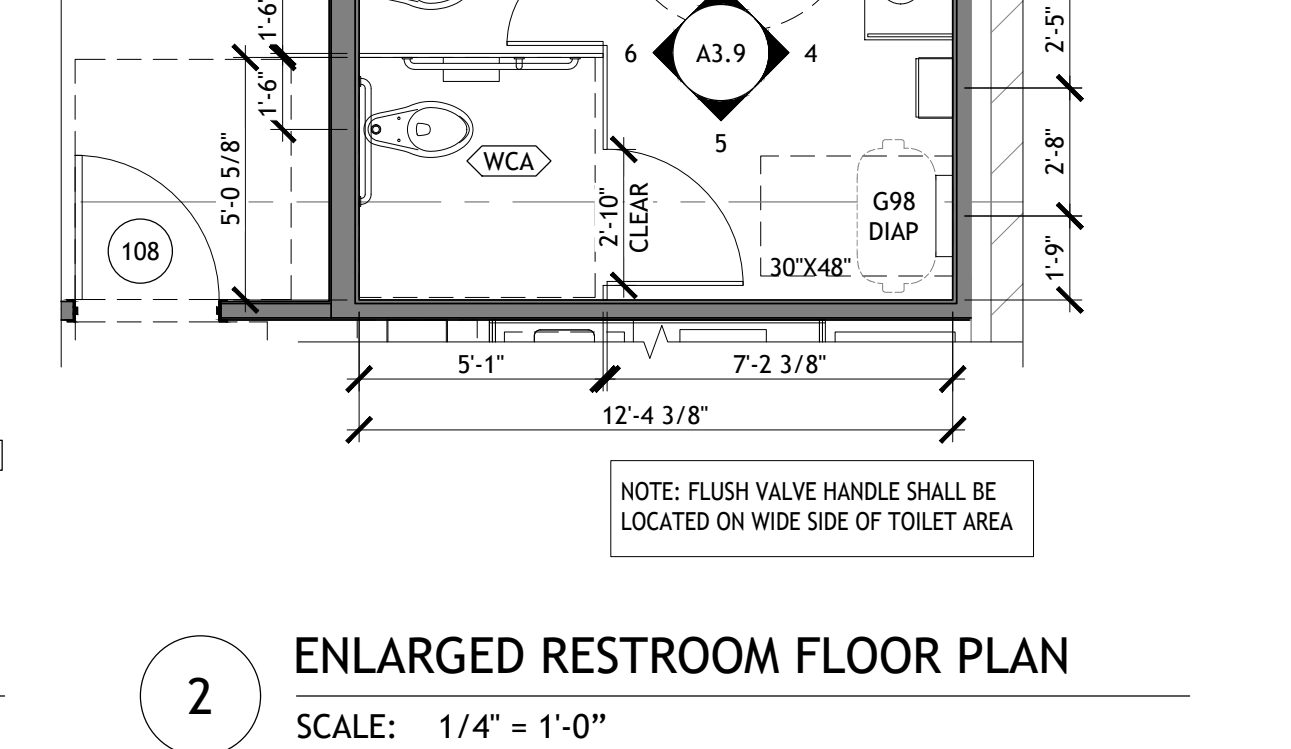
5 MENS RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



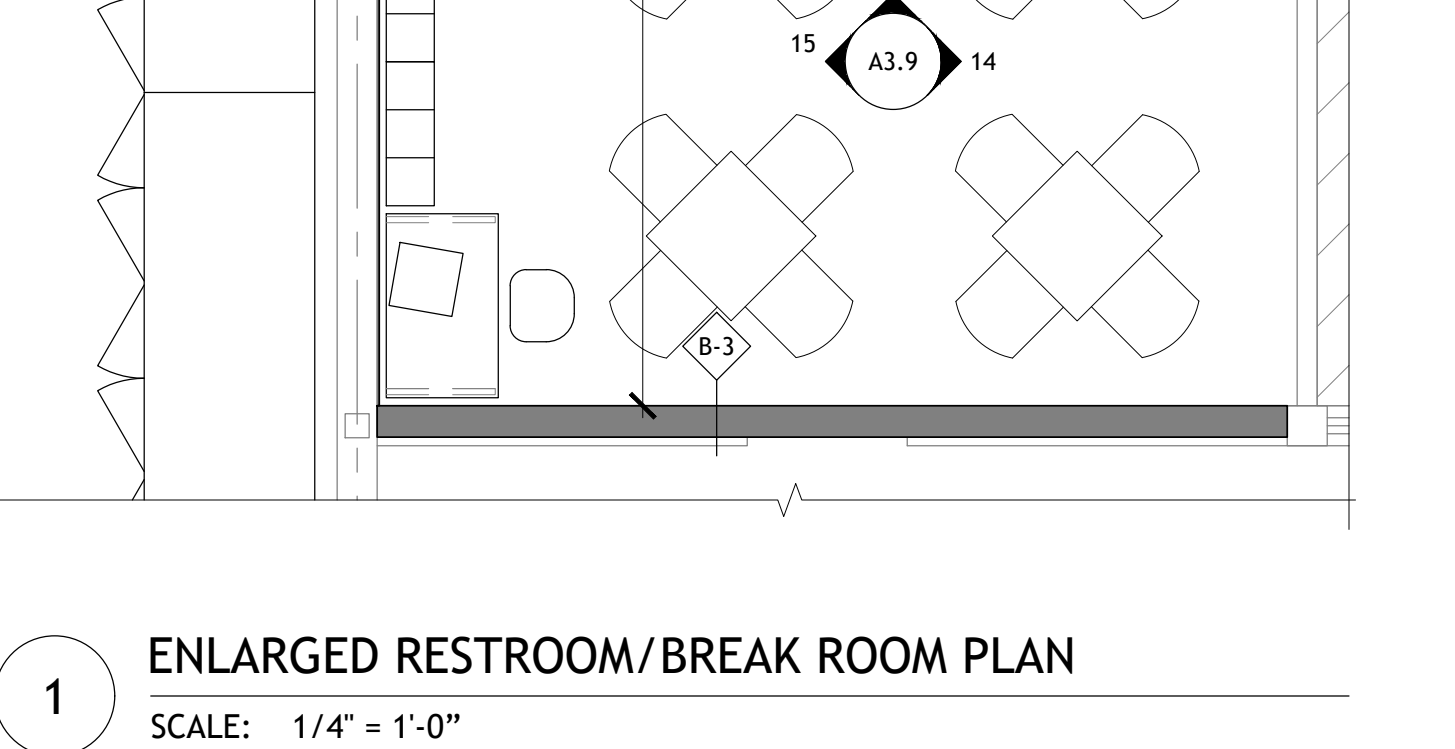
4 MENS RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



3 MENS RESTROOM ELEVATION
SCALE: 1/4" = 1'-0"



2 ENLARGED RESTROOM FLOOR PLAN
SCALE: 1/4" = 1'-0"



1 ENLARGED RESTROOM/BREAK ROOM PLAN
SCALE: 1/4" = 1'-0"

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39,756 SF
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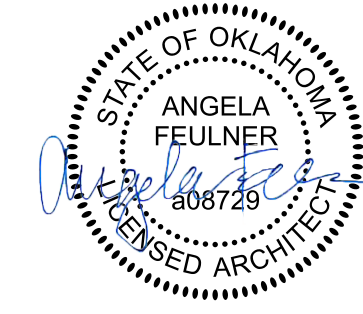
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Reason's
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SHEET NO.
A3.9

AS OF: 11/11/24



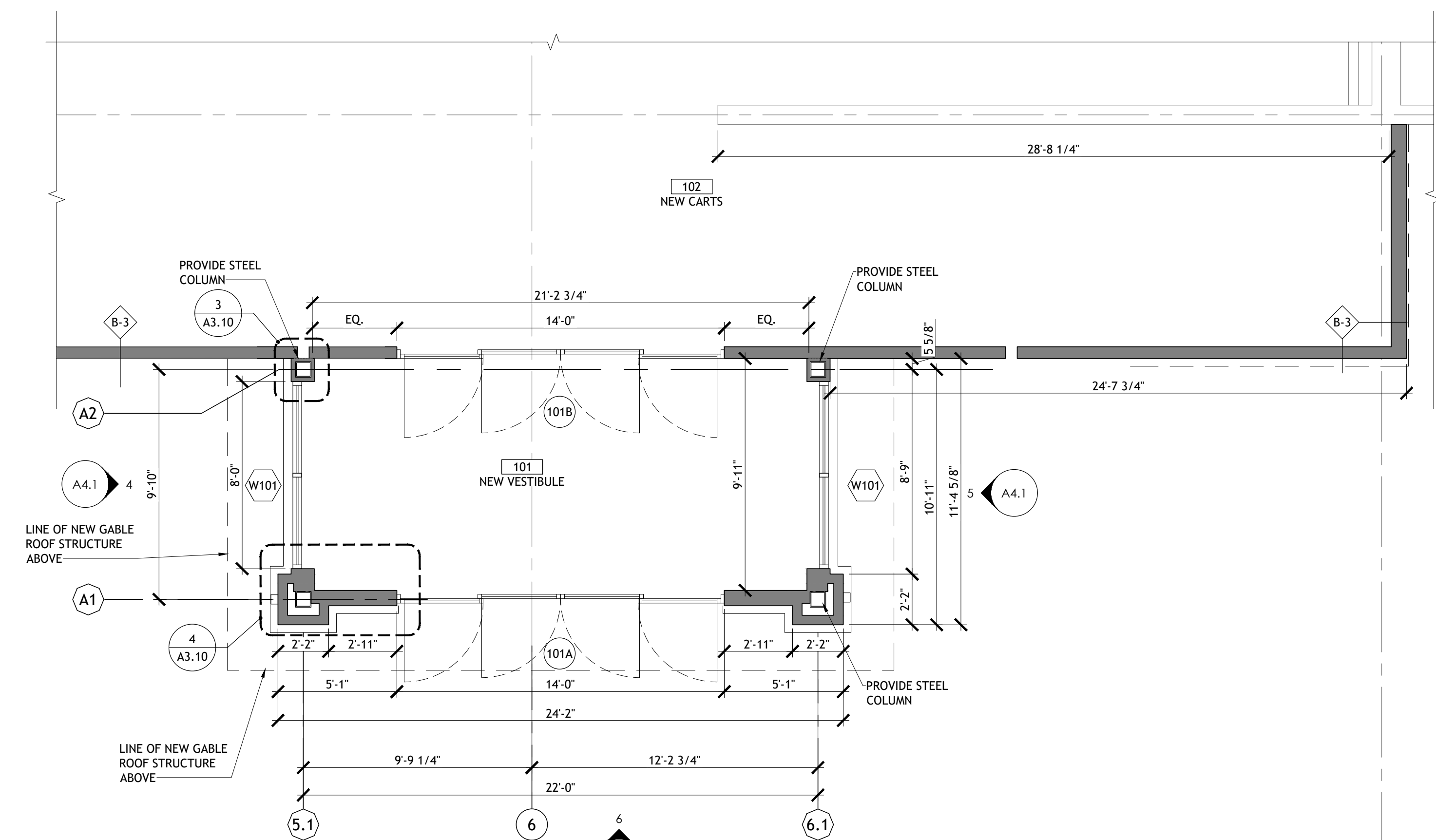
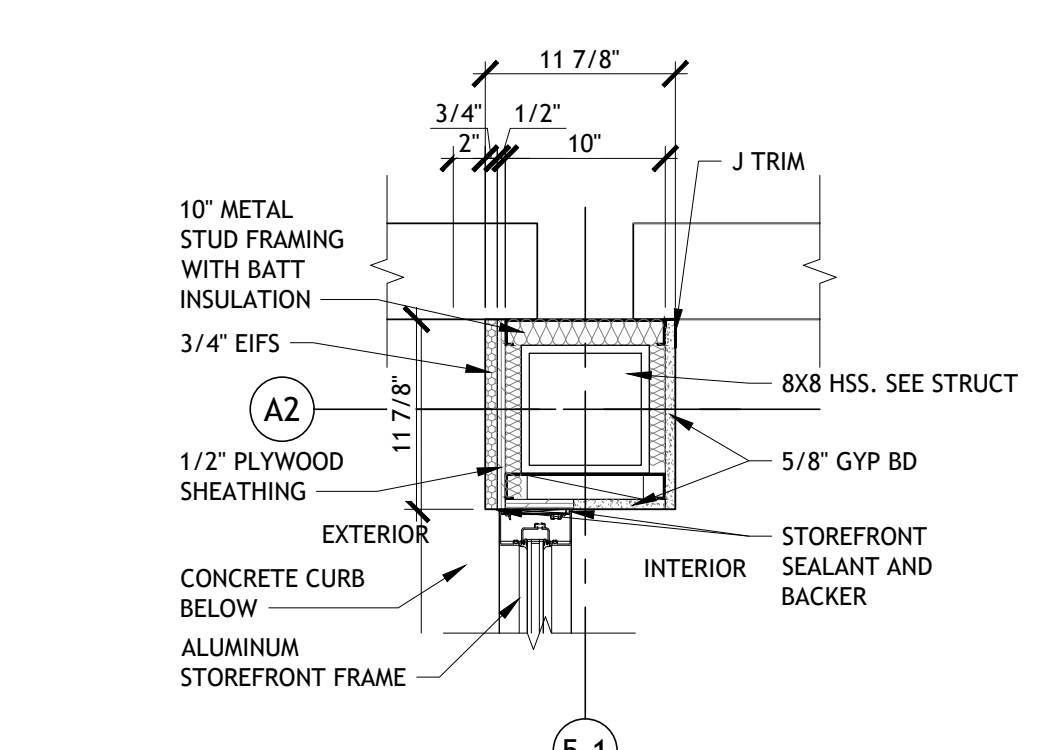
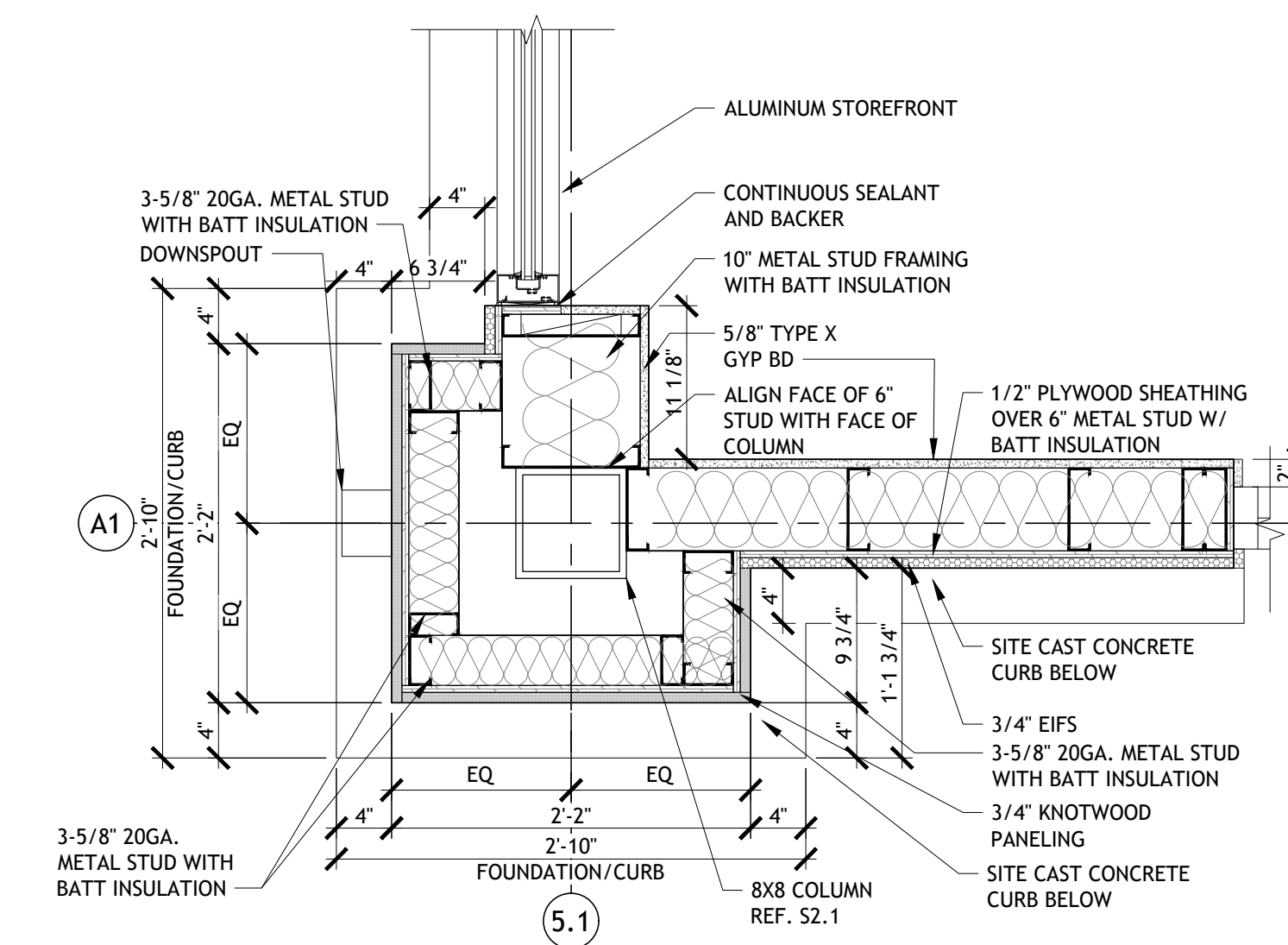
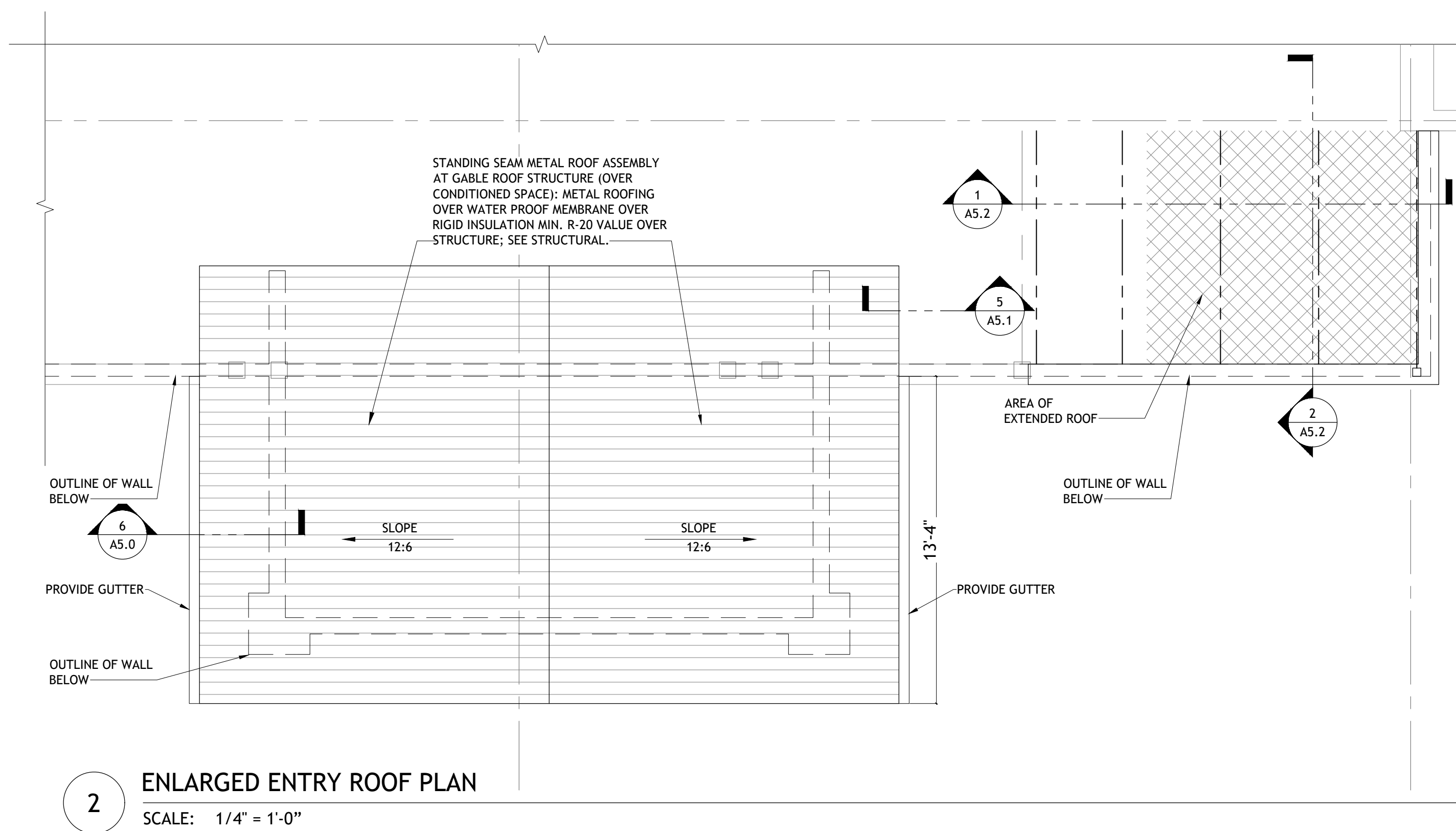
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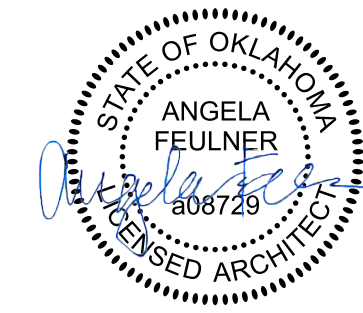
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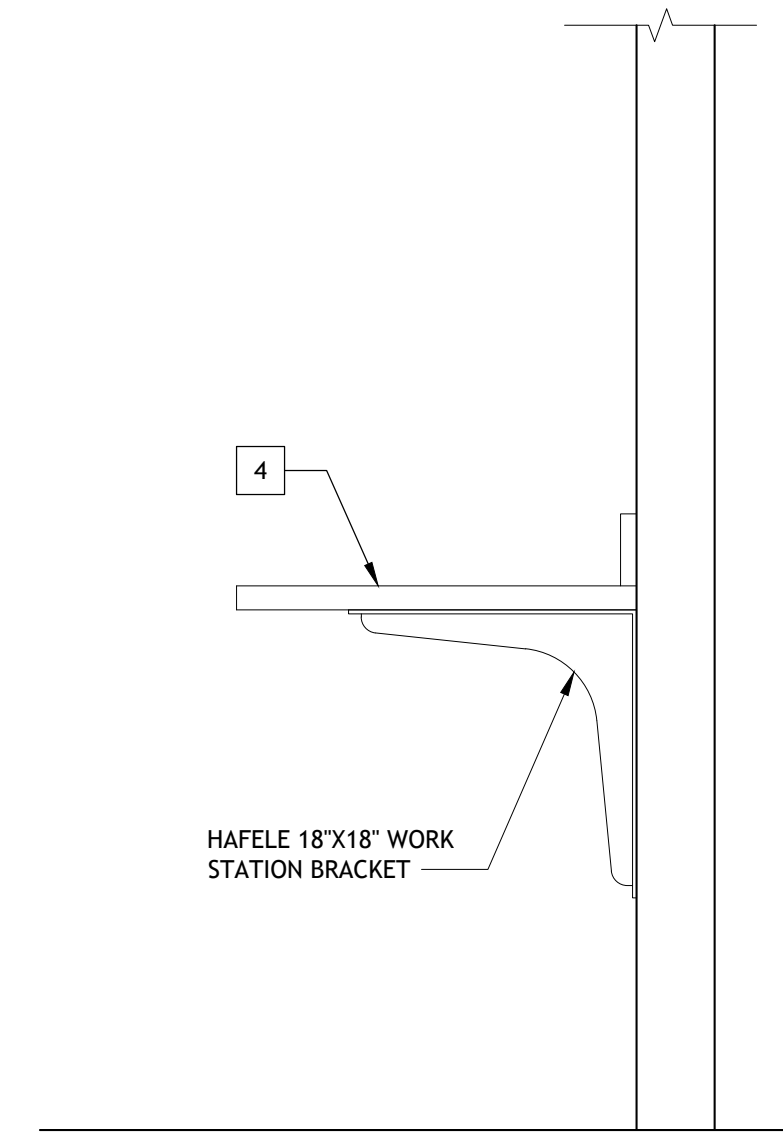




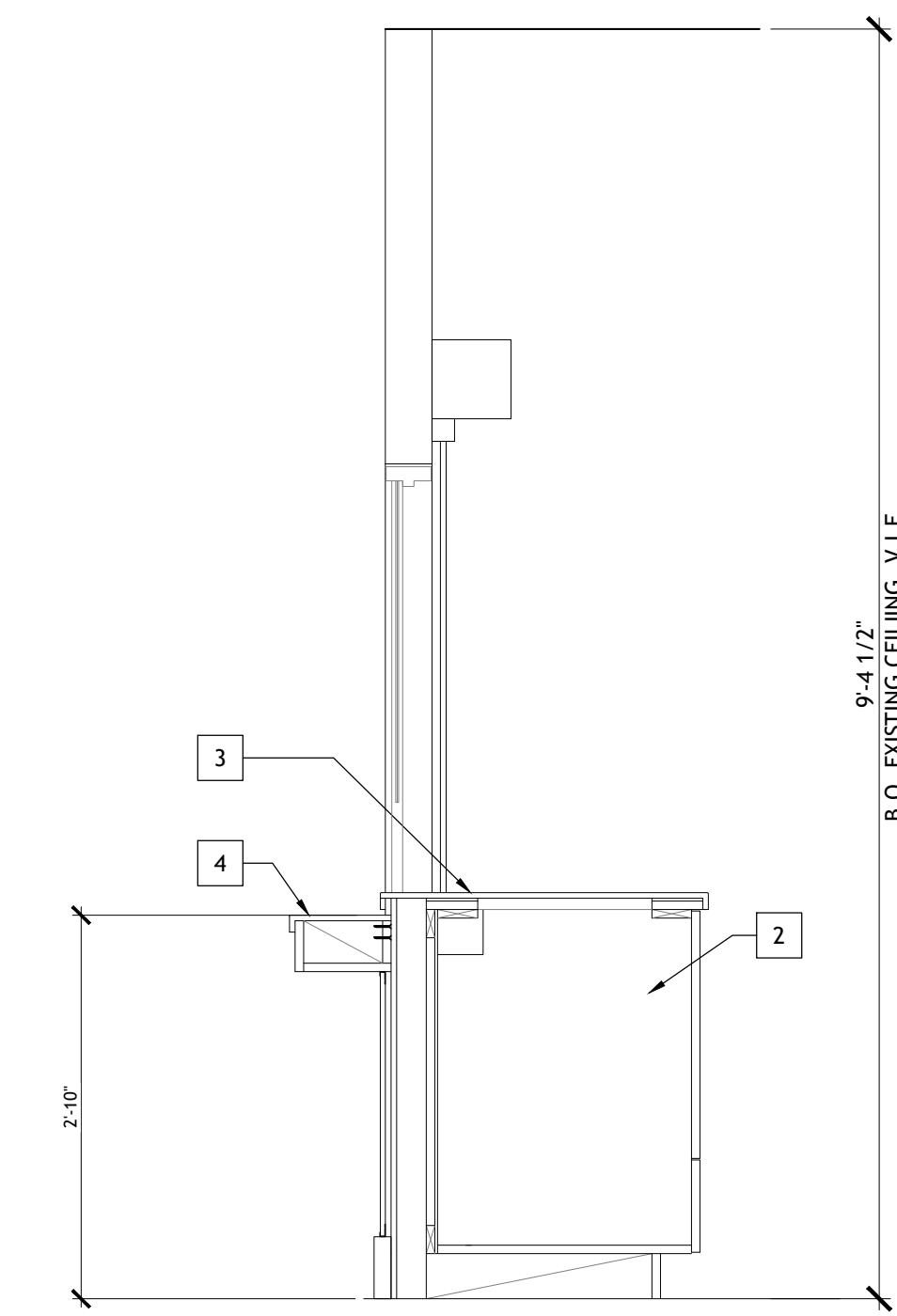
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ENLARGED FLOOR PLAN KEY NOTES

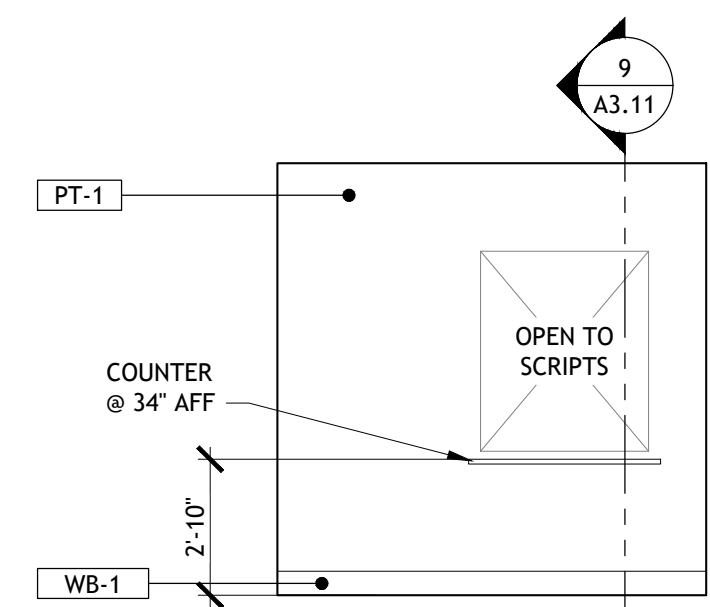
- 1 EXISTING ROLLING SECURITY GRILL TO REMAIN
- 2 REPAIR / REPLACE CABINET HARDWARE THROUGHOUT
- 3 RELAMINATE EXISTING COUNTER
- 4 PROVIDE ADA COMPLIANT COUNTER AND MATCH EXG FINISHES AT SALES FLOOR SIDE
- 5 EXISTING STAIRS
- 6 EXISTING CABINET



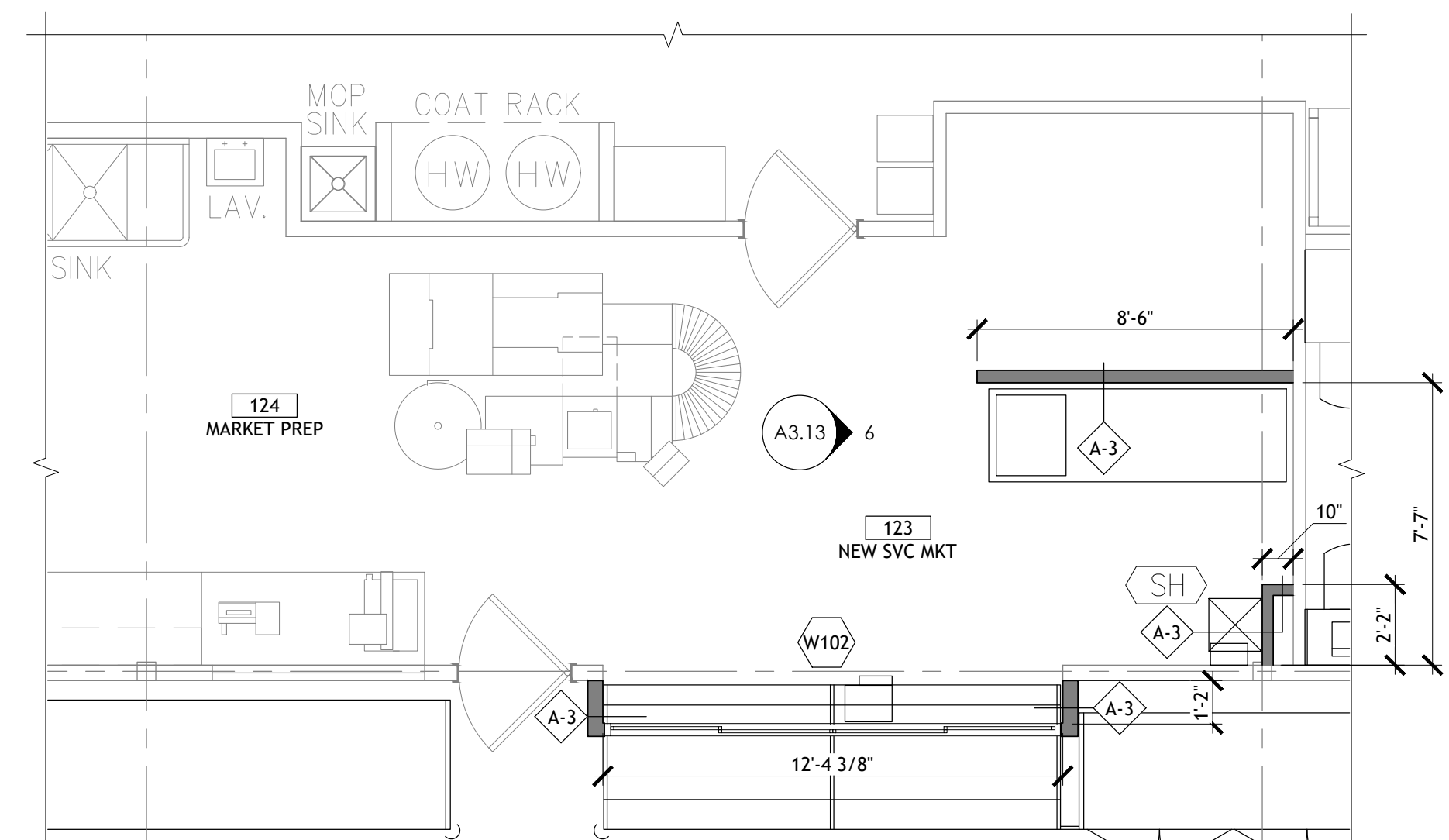
10 SCRIPTS COUNTER SECTION
 SCALE: 1/2" = 1'-0"



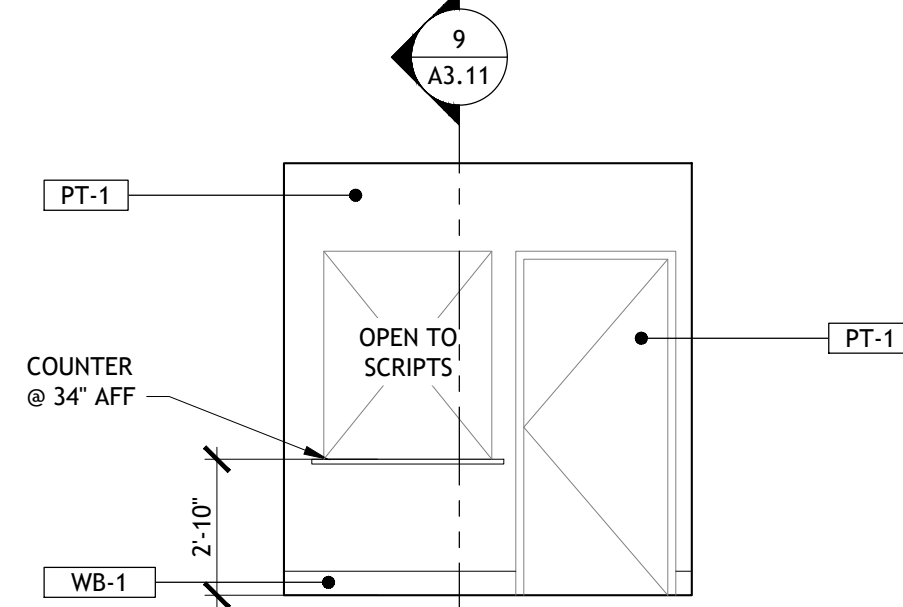
9 MILLWORK DETAIL OPEN WINDOW w/ SHUTTER
 SCALE: 3/4" = 1'-0"



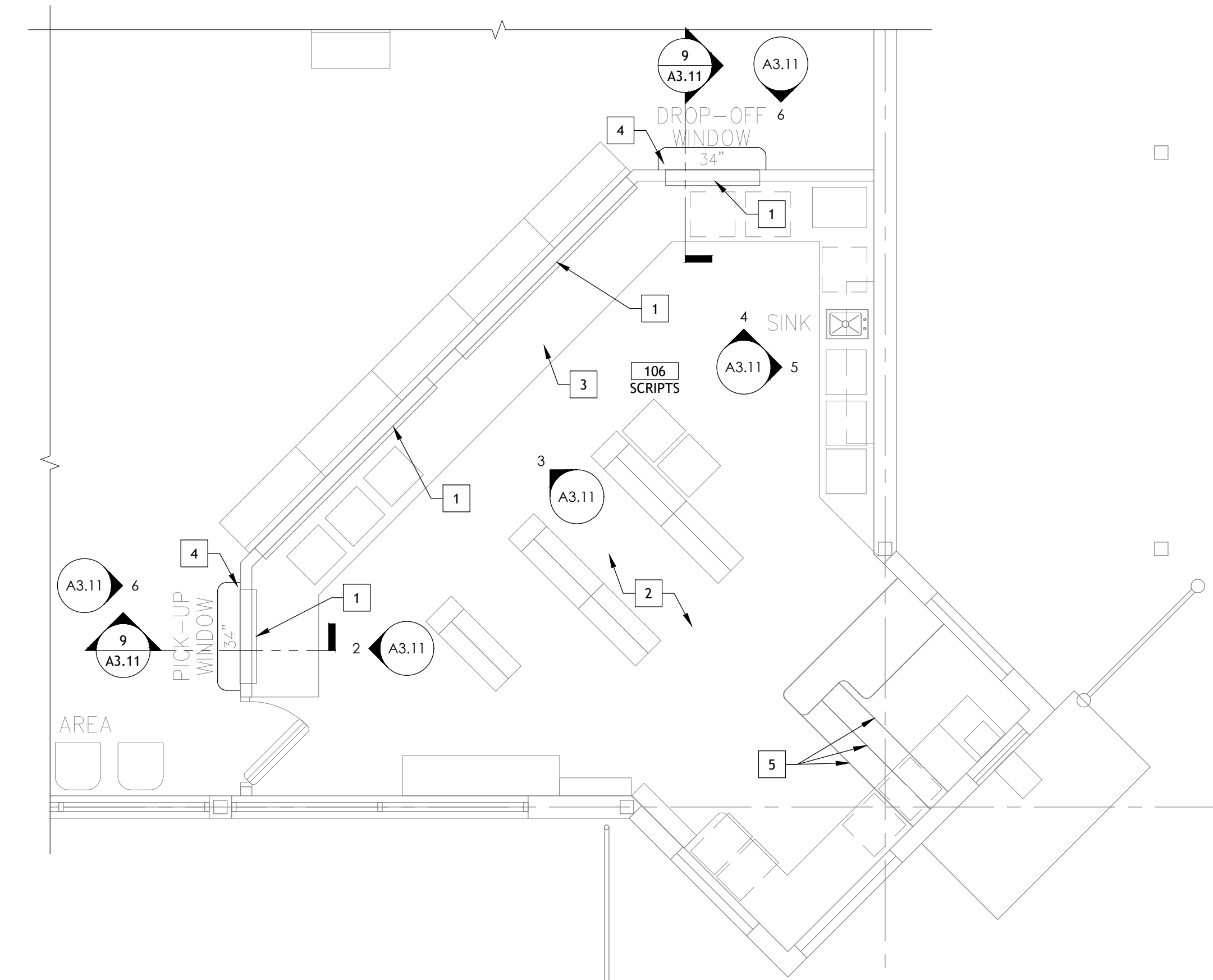
8 OFFICE ELEVATION
 SCALE: 1/4" = 1'-0"



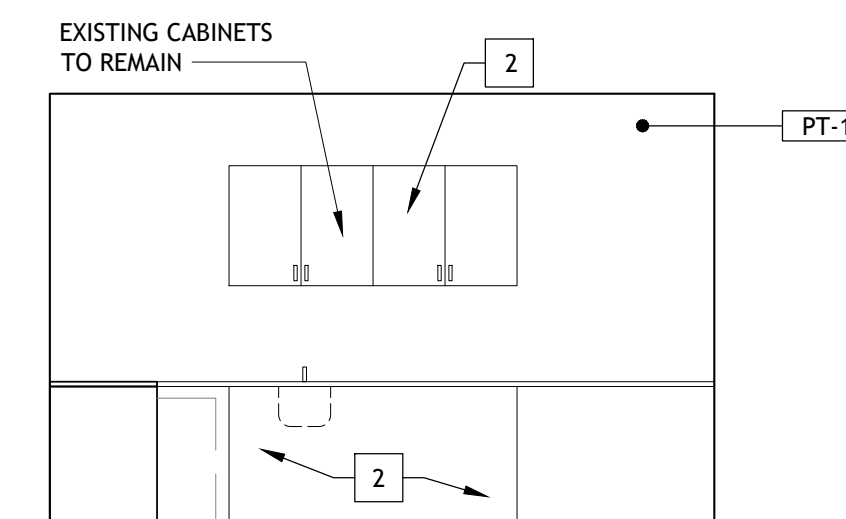
7 SVC MARKET PLAN
 SCALE: 1/4" = 1'-0"



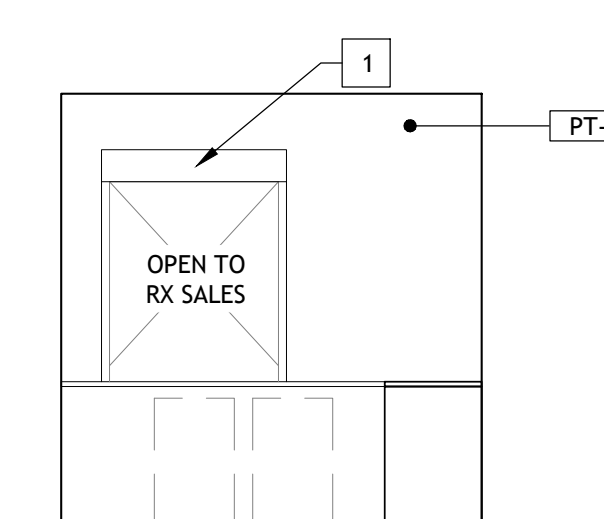
6 SCRIPTS ELEVATION
 SCALE: 1/4" = 1'-0"



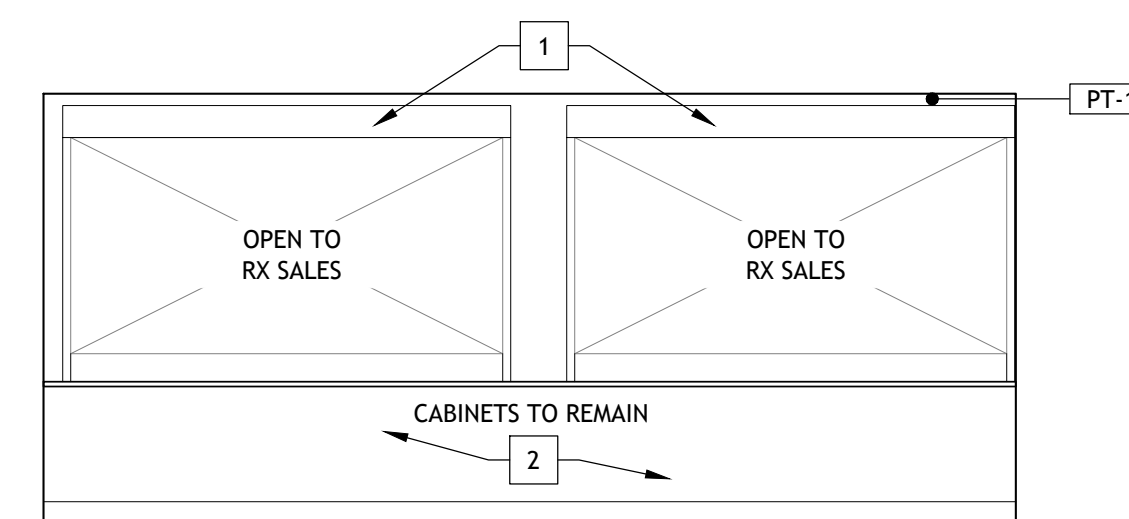
1 ENLARGED SCRIPTS PLAN
 SCALE: 1/4" = 1'-0"



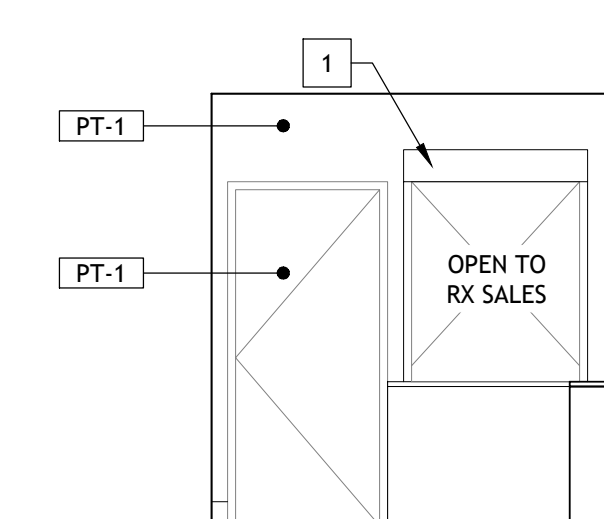
5 SCRIPTS ELEVATION
 SCALE: 1/4" = 1'-0"



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



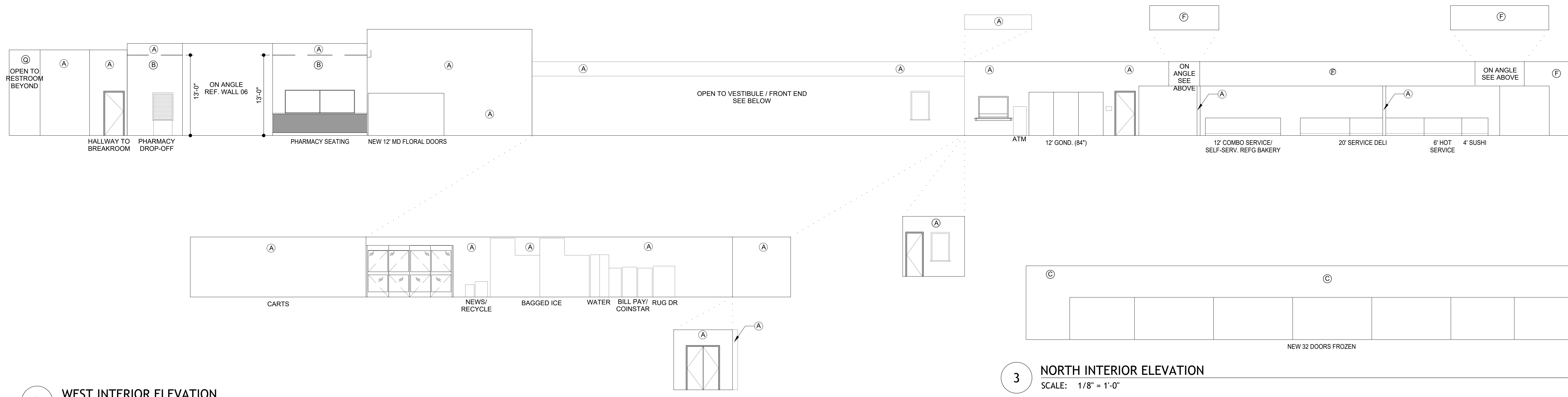
3 SCRIPTS ELEVATION
 SCALE: 1/4" = 1'-0"



2 SCRIPTS ELEVATION
 SCALE: 1/4" = 1'-0"

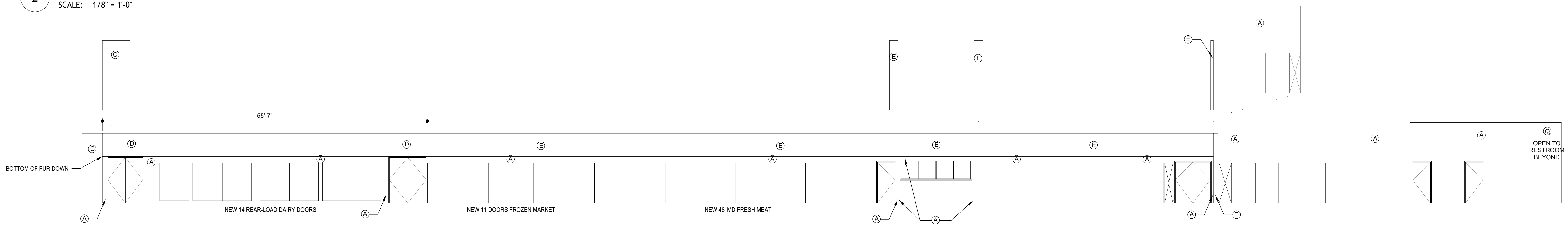
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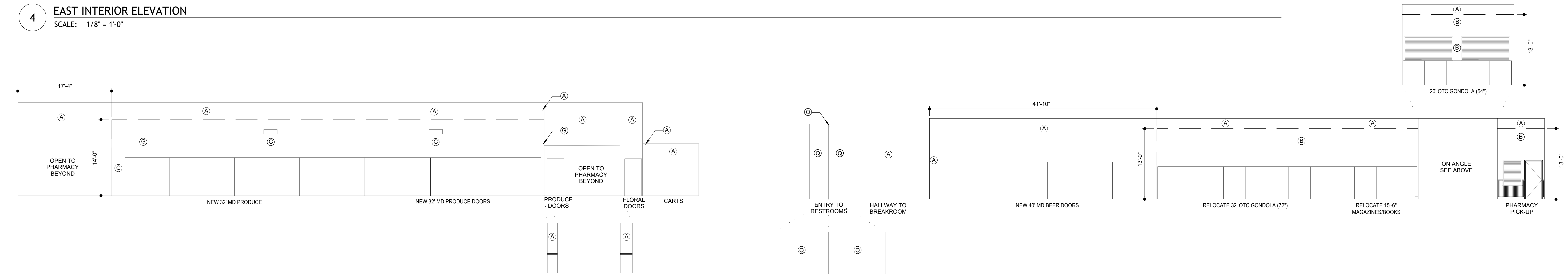


2 WEST INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

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

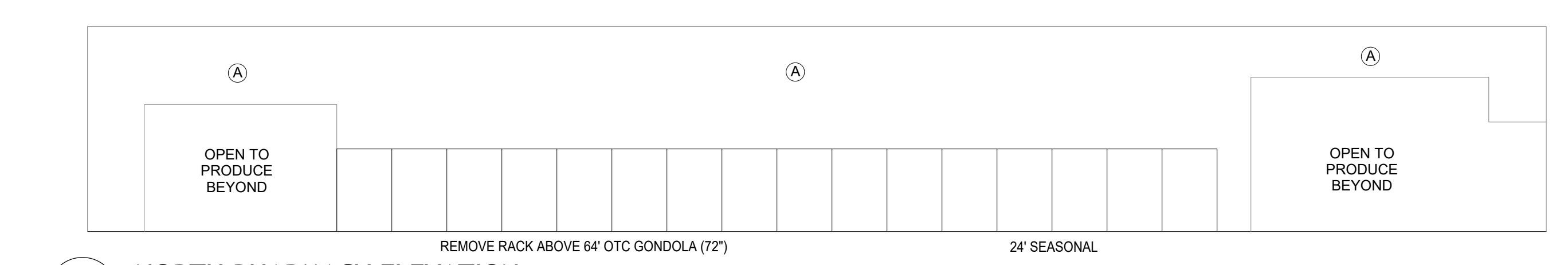


4 EAST INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

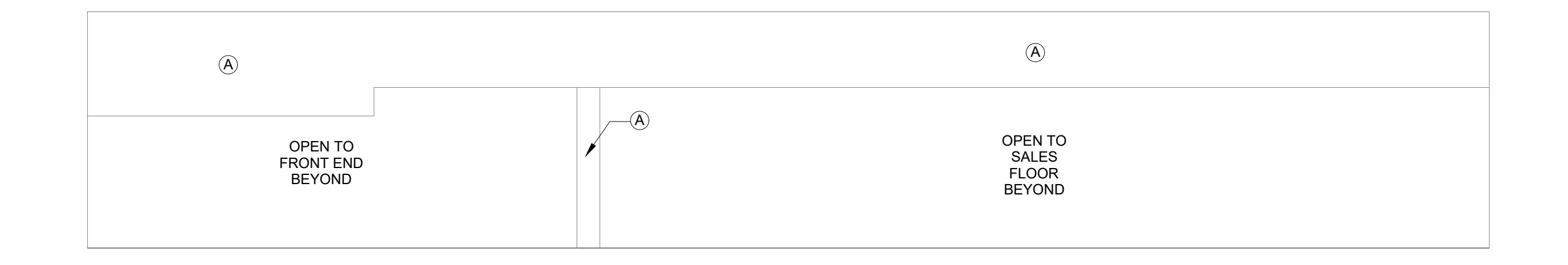


5 SOUTH PRODUCE ELEVATION
SCALE: 1/8" = 1'-0"

6 SOUTH PHARMACY ELEVATION
SCALE: 1/8" = 1'-0"



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

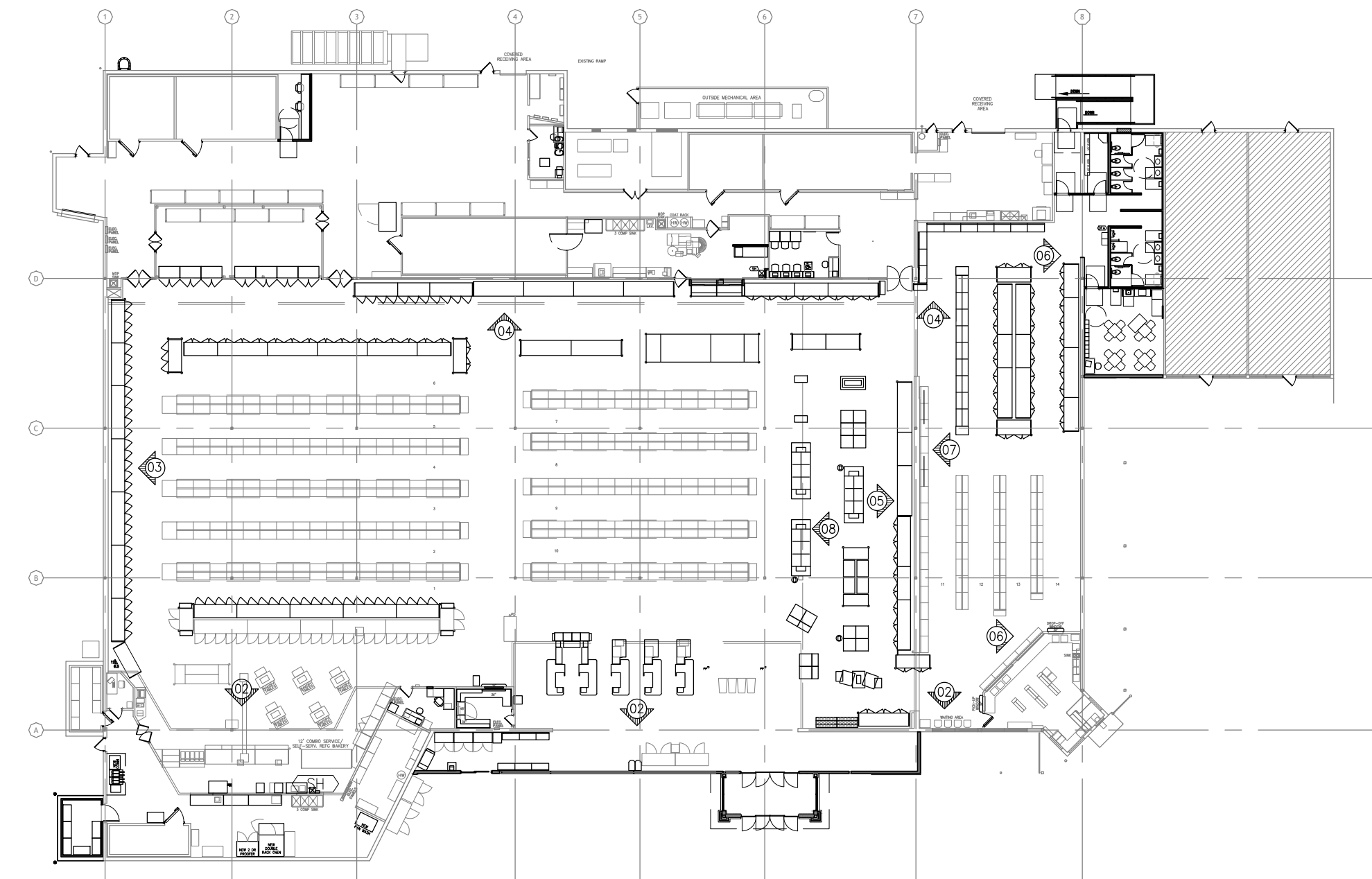


8 NORTH PRODUCE ELEVATION
SCALE: 1/8" = 1'-0"

FINISH MATERIALS	
(A)	PAINTE BM OC-S3 "HORIZON" FINISH "EGGSHELL"
(B)	PAINTE BM 1418 "ORIENTAL IRIS" FINISH "EGGSHELL"
(C)	PAINTE BM 2057-50 "TURQUOISE POWDER" FINISH "EGGSHELL"
(D)	PAINTE BM 2161-70 "WOODLAND SNOW" FINISH "EGGSHELL"
(E)	PAINTE BM 2155-30 "YELLOW MARIGOLD" FINISH "EGGSHELL"
(F)	PAINTE BM 2017-10 "ORANGE JUICE" FINISH "EGGSHELL"
(G)	PAINTE BM 546 "COURTYARD GREEN" FINISH "EGGSHELL"
(H)	PAINT NOT USED
(I)	PAINT NOT USED
(J)	PAINT NOT USED
(K)	PAINT NOT USED
(L)	PAINT NOT USED
(M)	DALTILE ARTIGIANO AR96 "VENICE STATUE" 3X12 FINISH "POLISHED"
(N)	DALTILE ARTIGIANO AR97 "MILLAN ARENA" 3X12 FINISH "POLISHED"
(O)	DALTILE ARTIGIANO AR93 "ITALIAN ALPS" 3X12 FINISH "POLISHED"
(P)	ANATOLIA MAYFAIR "STATUARIO VENATO" 24X24 FINISH "POLISHED"
(Q)	FORMICA FENIX 30718 "GRIGIO LONDRA"
(R)	FORMICA 6998 "WOOD BRUSHSTROKE"
(S)	FRP WALL PANEL SYSTEM MARLITE "S 490N LIGHT GREY"
(T)	FRP WALL PANEL SYSTEM MARLITE "S 100G WHITE"
(U)	CORIAN SOLID SURFACE "DOMINO TERRAZZO"
(V)	CEILING/STRUCTURE/UPPER WALLS PAINT-SW 6992 "INKWELL"
(W)	FLOOR RESTROOMS TILE-ANATOLIA MAYFAIR "STATUARIO VENATO" 24X24 FINISH "MATTE"
(X)	FORMICA 3245 "SMOKE" FINISH "MATTE"

LINE TYPE LEGEND	
---	C.J. CONTROL JOINT
---	LIMITS OF FIXTURES
---	PAINT LINE
---	GIRTS

FINISH MATERIALS	
NOTES	
1) PAINT DOORS, TRIM, ETC. (A) U.N.O.	
2) PAINT ALL EXPOSED SIDES OF FURDOWN THE SAME COLOR AS FURDOWN FACE	
3) CHECKSTANDS TO BE (G) ON TOP (F) ON BOTTOM & STAINLESS ON DECKS	
4) PAINT COLUMNS (A) U.N.O.	
5) PAINT EXPOSED COLUMNS IN PREP AREAS (U)	
6) PAINT GYPSUM CEILING (U)	
7) FRP IN PREP AREAS TO BE CLEANED & REPAIRED AS NEEDED	
8) PAINT ROOF DECK EXPOSED STRUCTURE (Q) U.N.O.	
9) PAINT WALLS IN ROOMS 101, 102, 106, 113, 114, 127, 147, 148, 149, 150 TO BE (A)	
10) FRP ON WALLS IN ROOM 123 TO BE (V)	
11) PAINT ALL WALL GIRTS TO MATCH ADJACENT WALL COLOR	
12) TOP LAMINATE IN ROOMS 108, 116, 148, 149, 150 TO BE (S)	
13) BOTTOM LAMINATE IN ROOMS 108, 116, 148, 149, 150 TO BE (Z)	
14) TILE ON WALLS IN ROOMS 109, 110, 111, 112 TO BE (Q)	



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

CORE STATES GROUP
 CORESTATES DESIGN P.C.
 111 3rd Avenue S
 Suite 400
 612.547.1300
 Minneapolis, MN 55401
 www.core-states.com

ANGELA FEULNER
 LICENSED ARCHITECT
 008726

Drawn: EDUARDO GUZMAN
 Reviewed: A. FEULNER
 Sheet Date: 11/11/24
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BGC fs
 BROOKSHIRE GROCERY COMPANY
 facility services

430 E. Front St.
 Tyler, TX 75702
 903-579-0500

39,756 SF
#906
 LANGLEY, OK

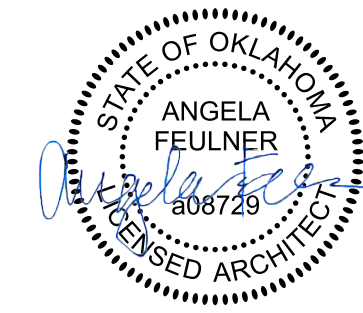
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Reason's
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 STORE NO.: **906**
 SHEET NO.: **A3.12**

AS OF: 11/11/24



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 Reviewed: A. FEULNER
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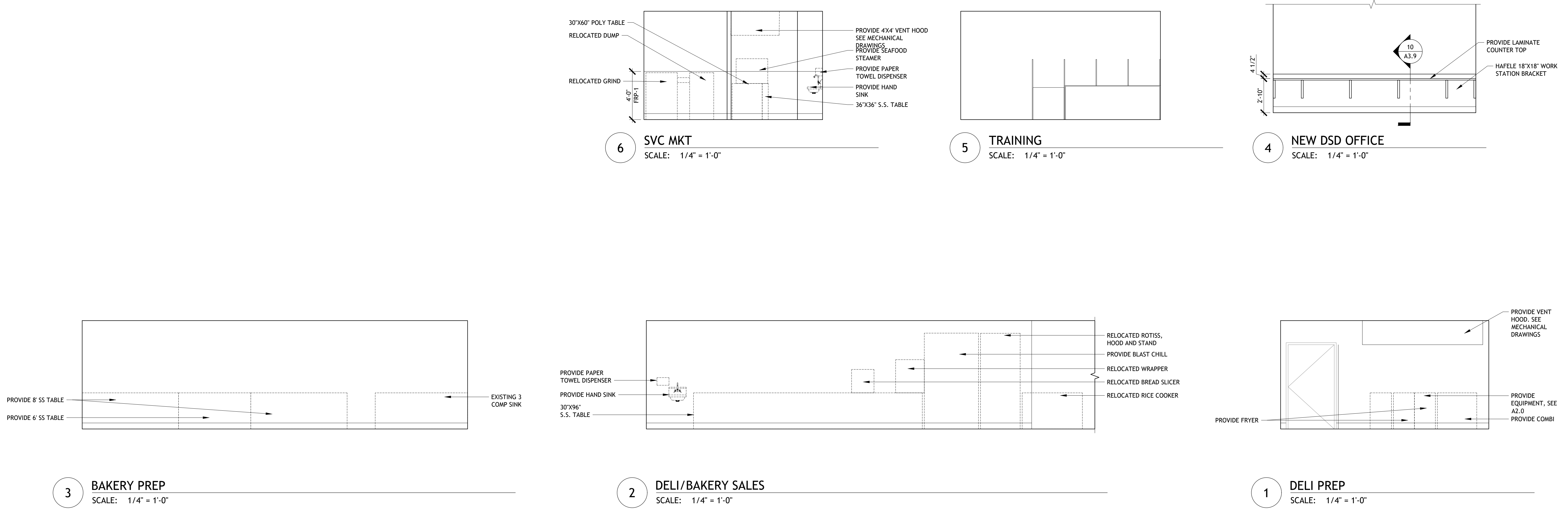
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4090600-0
STORE NO.
906
SHEET NO.

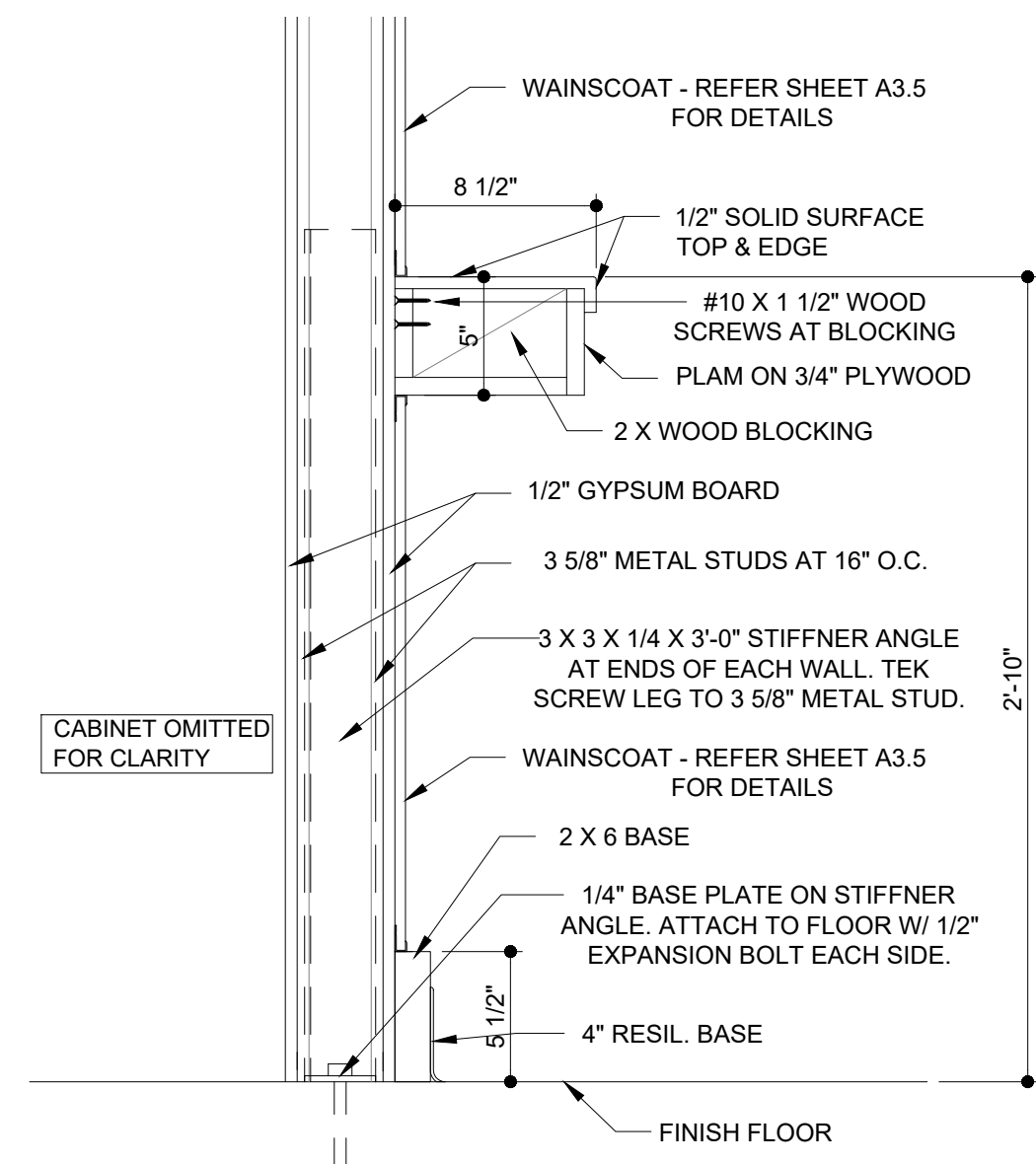
AS OF: 11/11/24



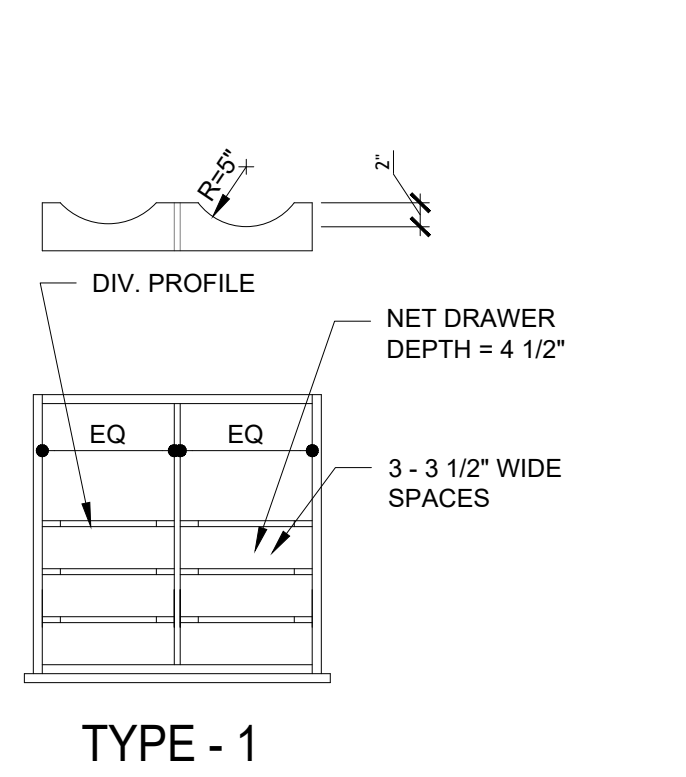
CORE STATES
GROUP

CORESTATES DESIGN P.C.
111 3rd Avenue S
Suite 400
412.547.1300
Minneapolis, MN 55401
www.core-states.com

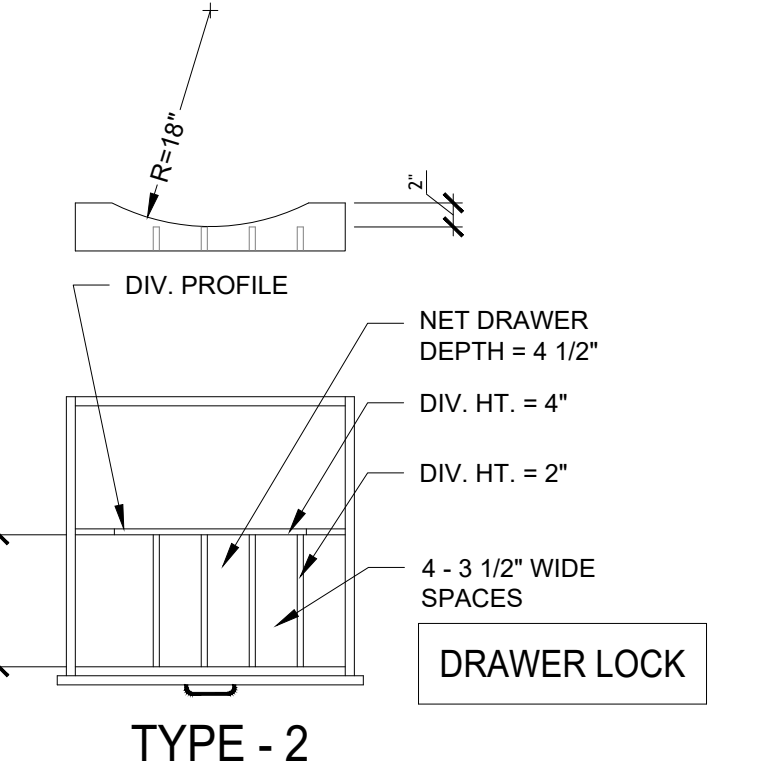
Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR



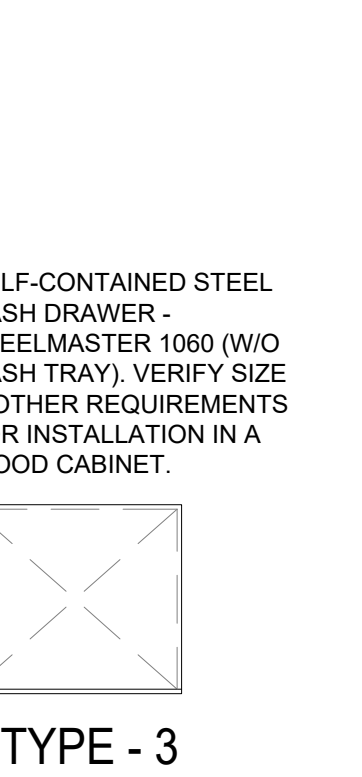
21 SECTION @ SVC COUNTER WALL
SCALE: 1 1/2" = 1'-0"



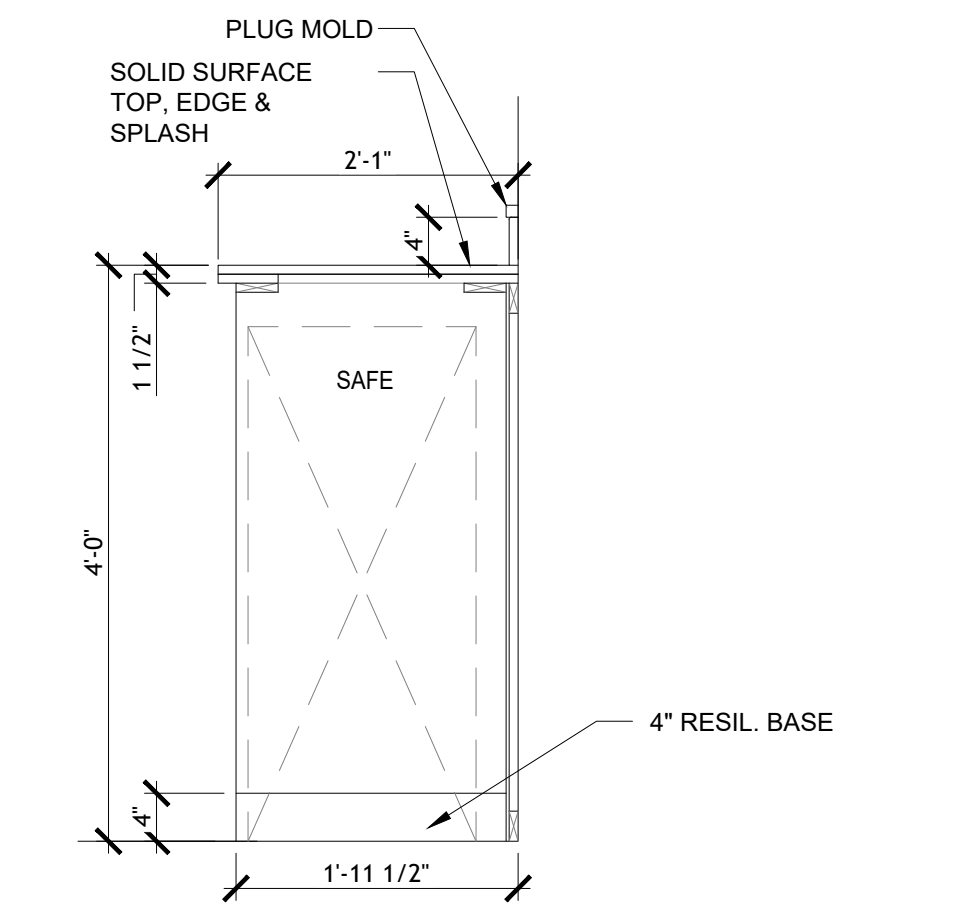
20 MILLWORK DETAIL DRAWER TYPES
SCALE: NTS



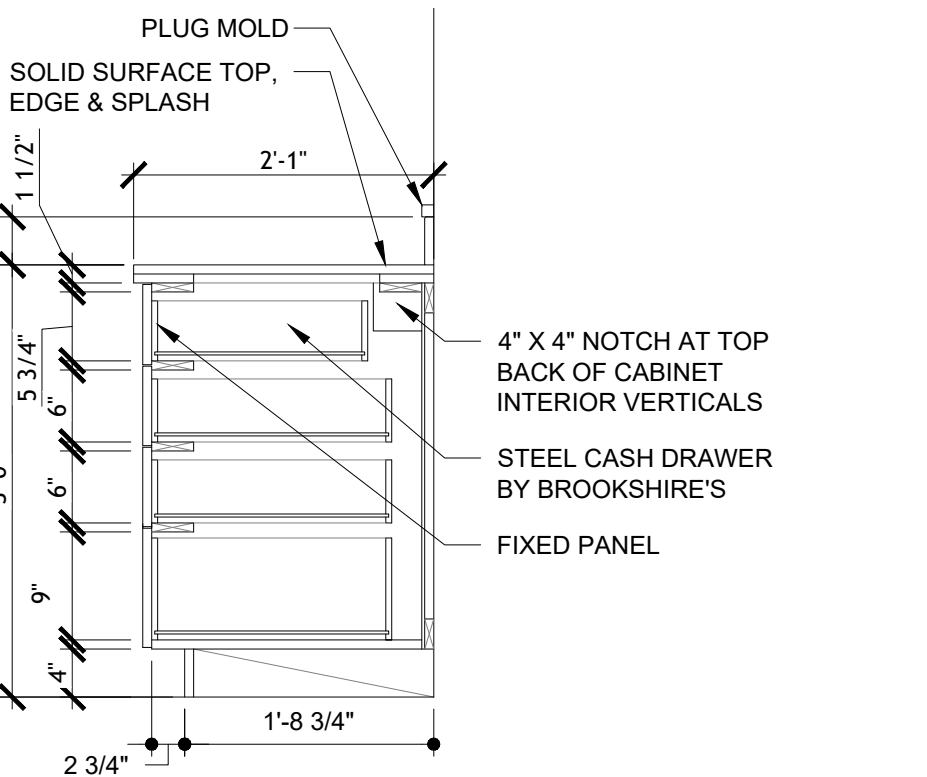
TYPE - 2



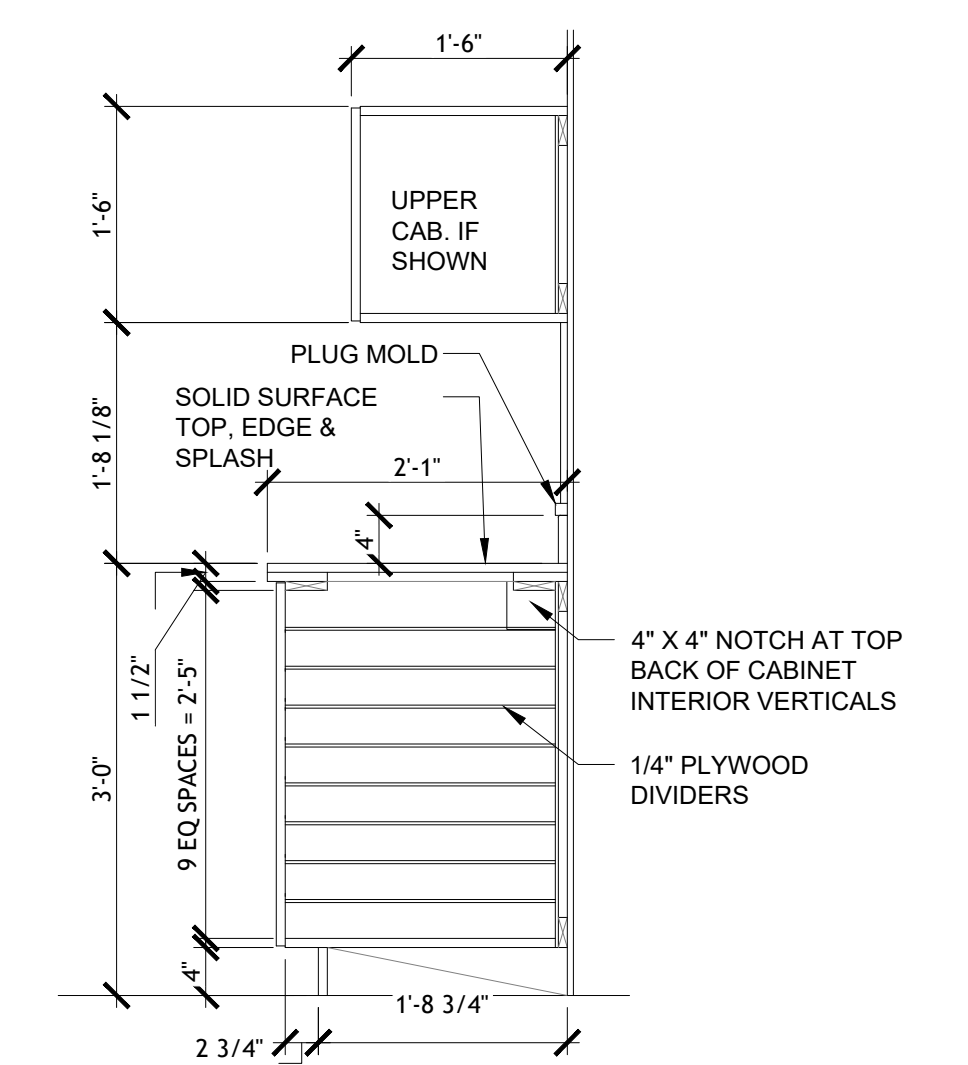
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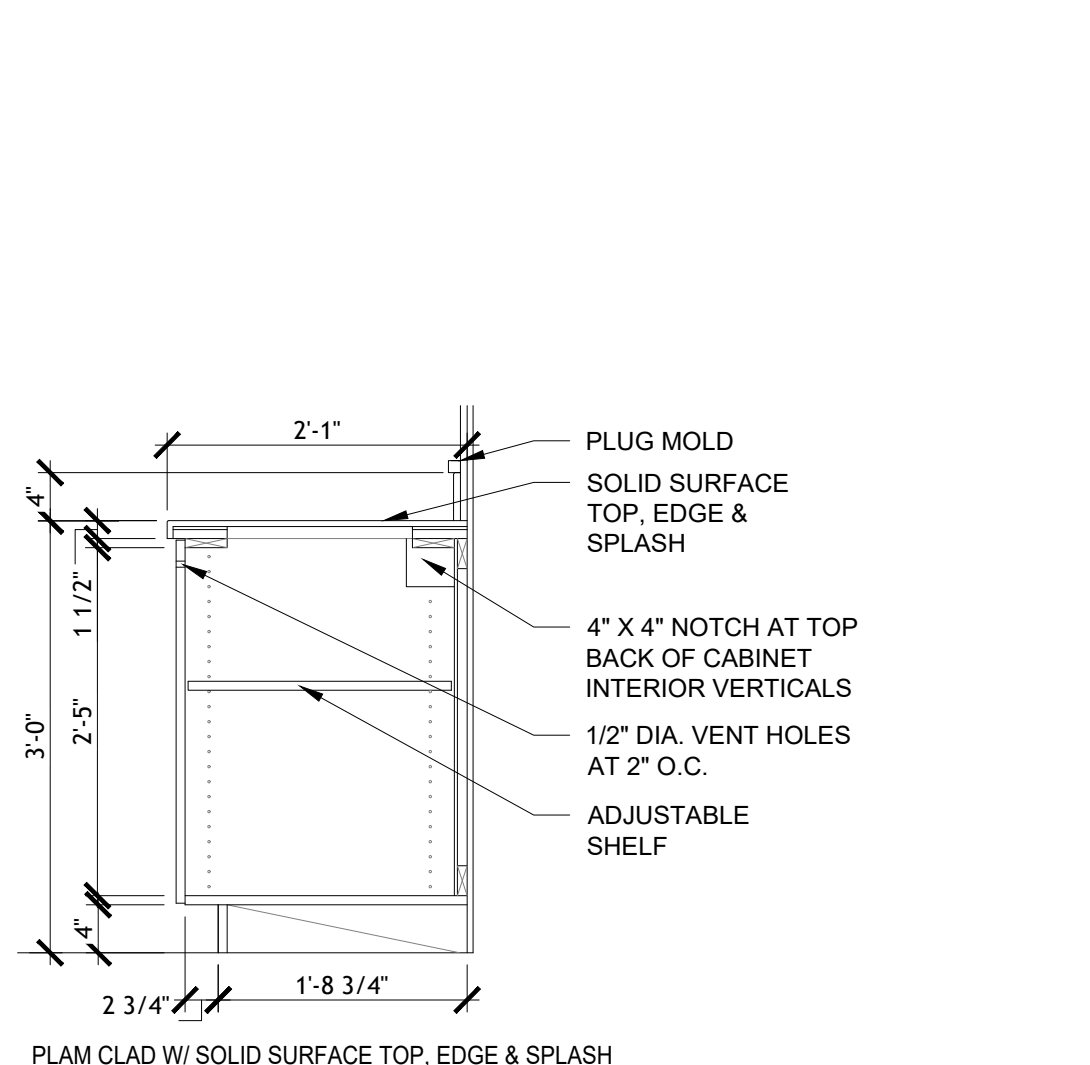
19 MILLWORK DETAIL HIGH COUNTER
SCALE: 3/4" = 1'-0"



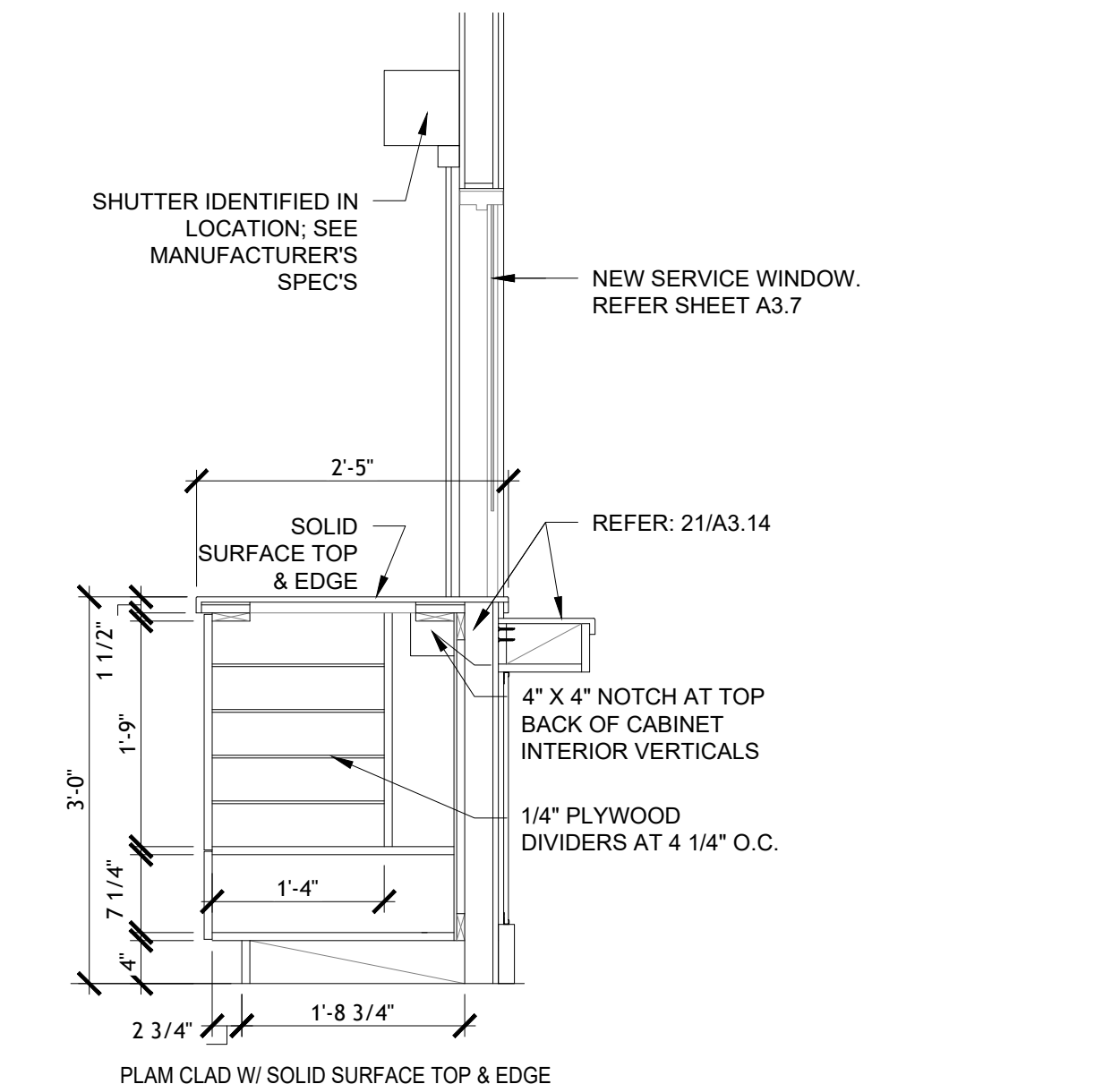
18 MILLWORK DETAIL WORK COUNTER
SCALE: 3/4" = 1'-0"



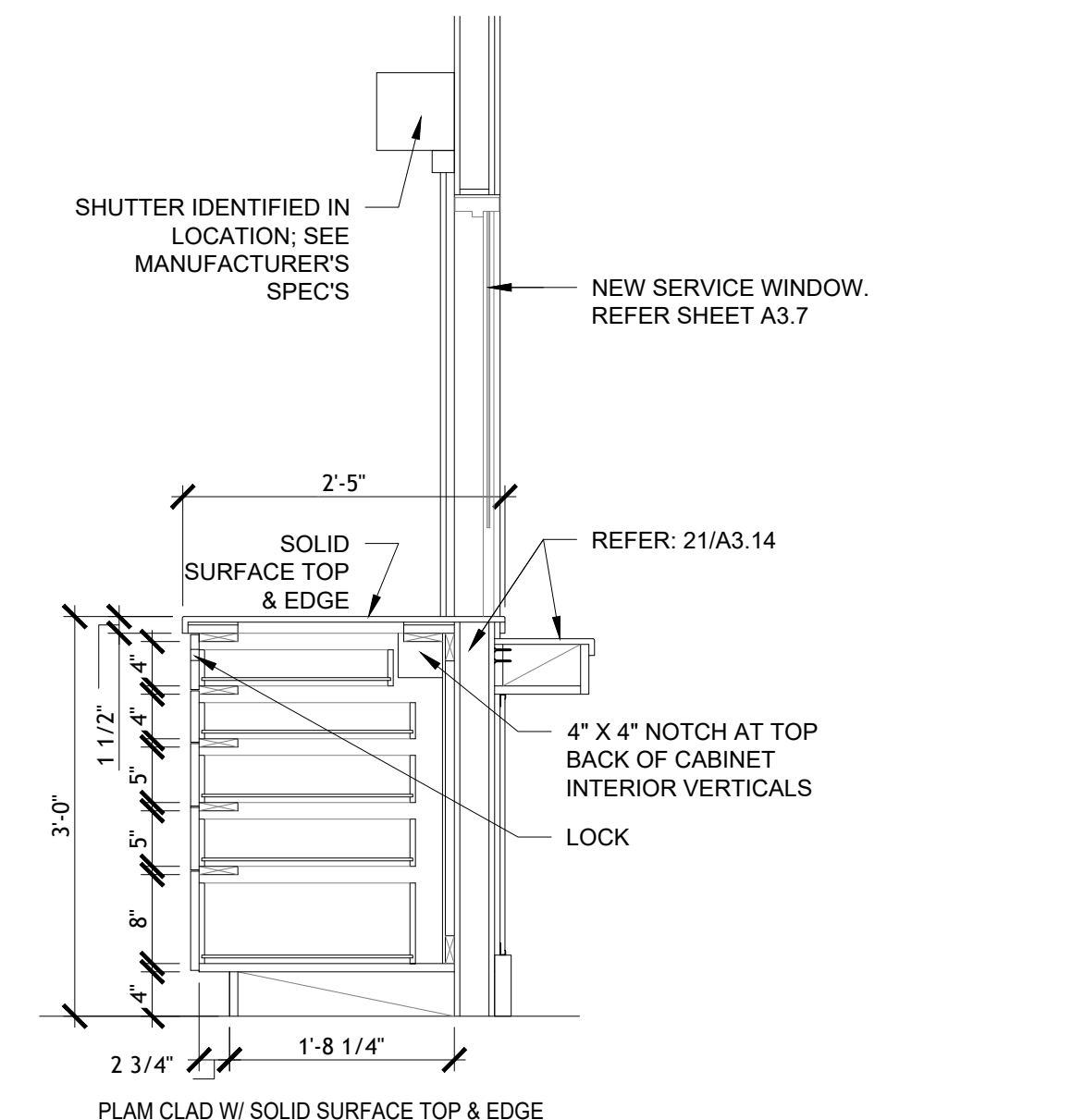
17 MILLWORK DETAIL CASH TILL CAB
SCALE: 3/4" = 1'-0"



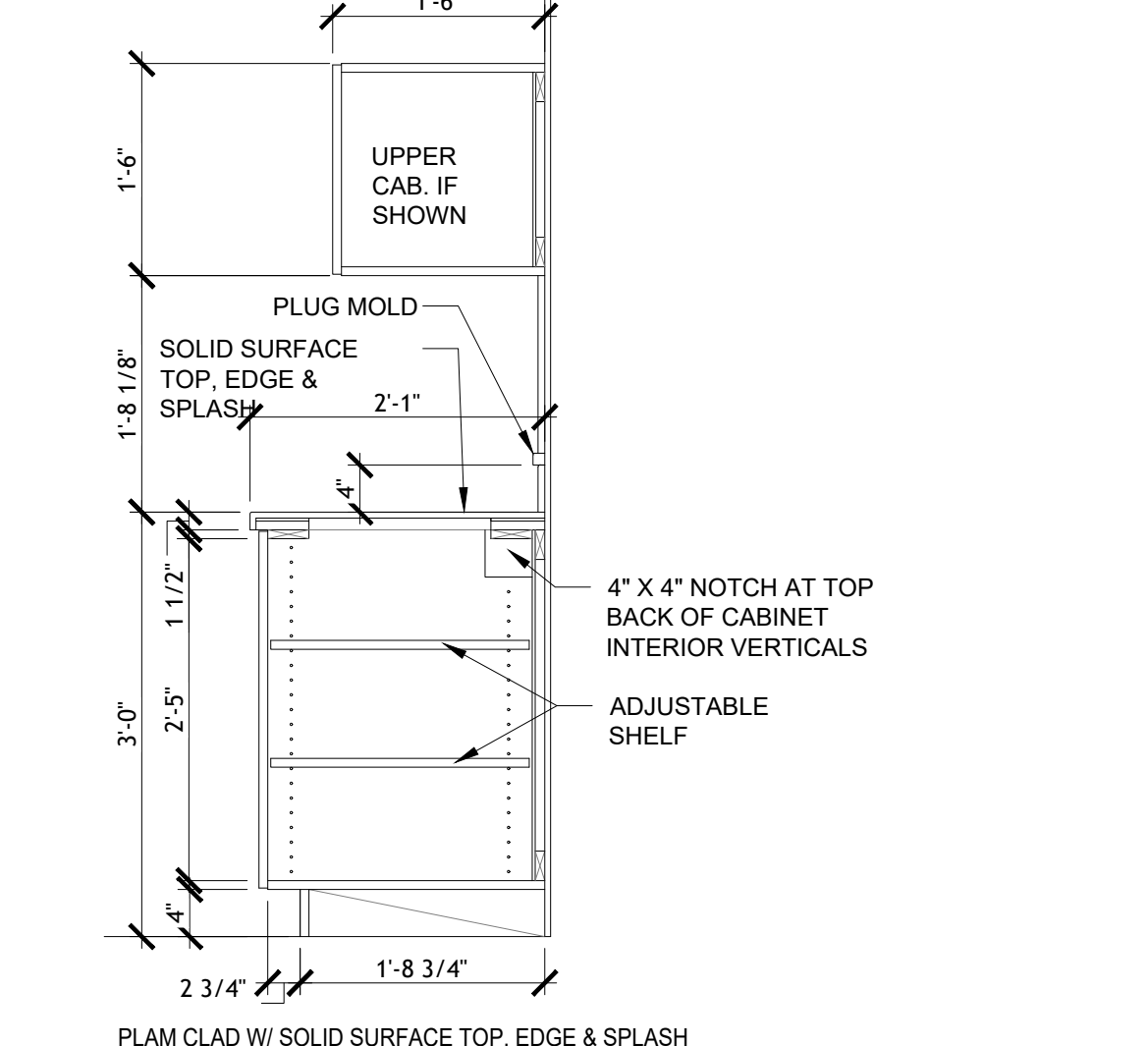
16 MILLWORK DETAIL CABINET w/ ADJ SHELF
SCALE: 3/4" = 1'-0"



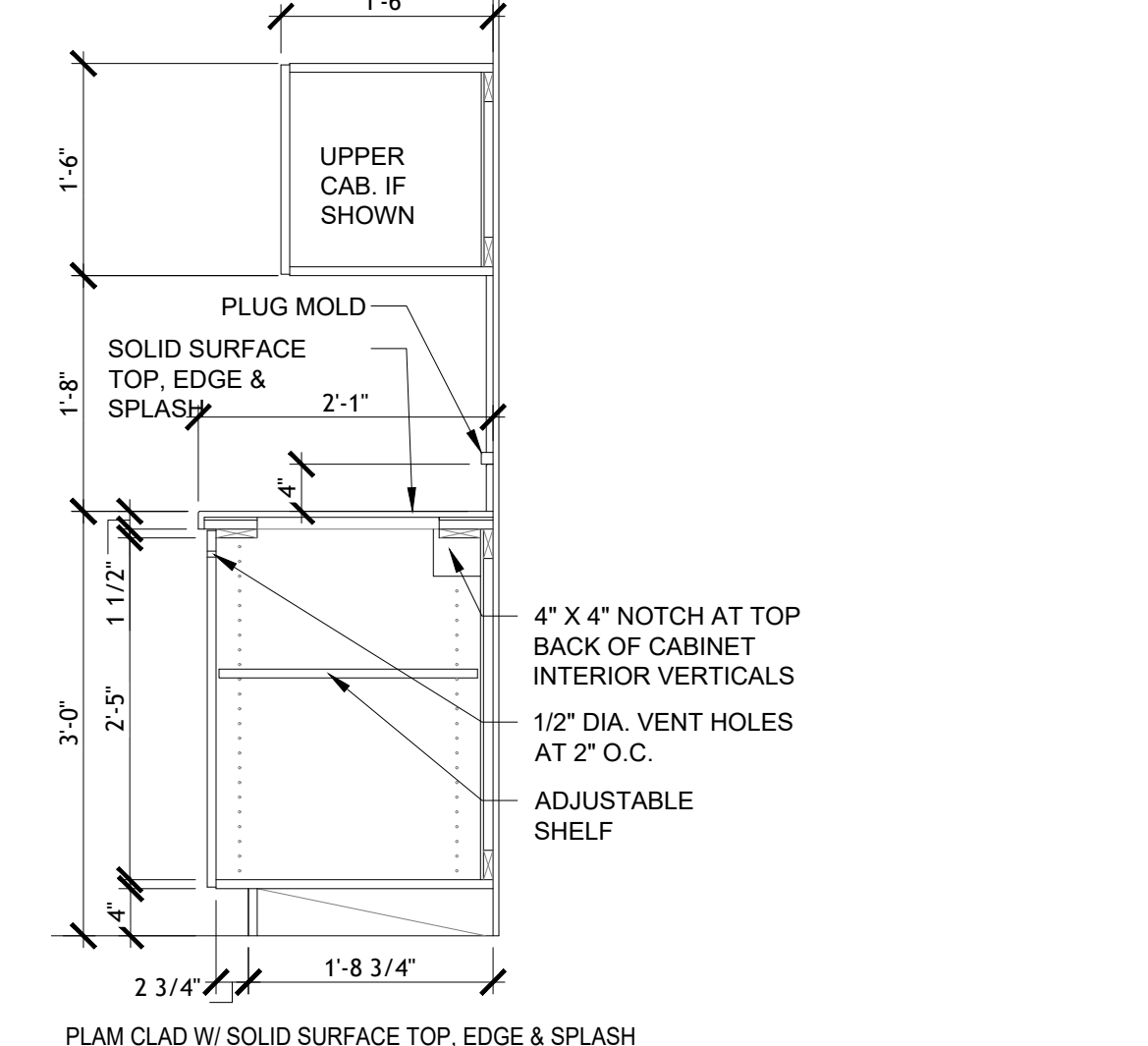
15 MILLWORK DETAIL OPEN WINDOW w/ SHUTTER
SCALE: 3/4" = 1'-0"



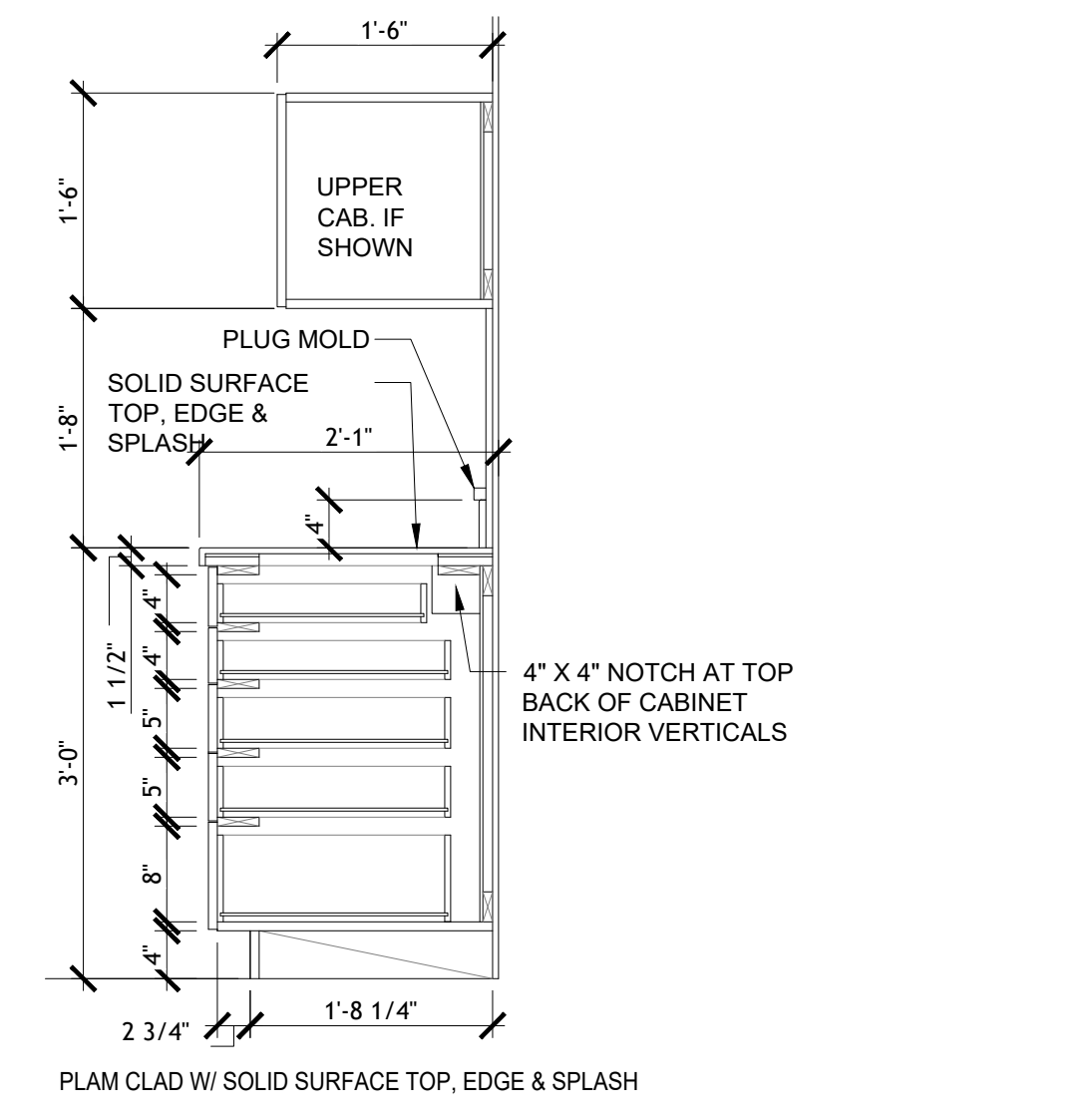
14 MILLWORK DETAIL OPEN WINDOW w/ SHUTTER
SCALE: 3/4" = 1'-0"



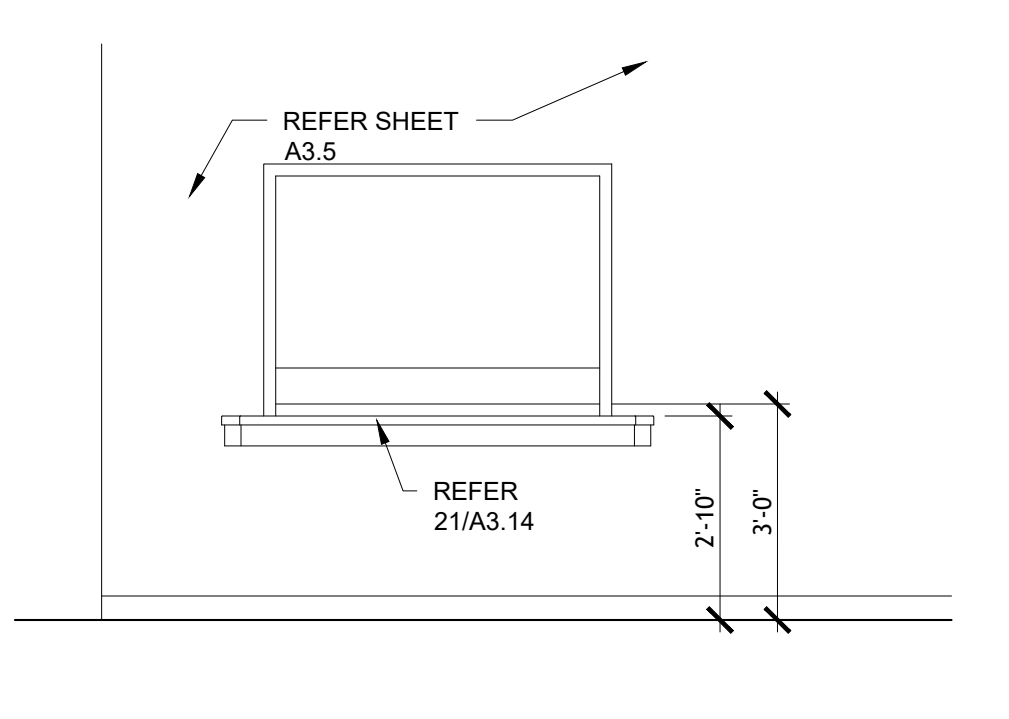
13 MILLWORK DETAIL CABINET w/ ADJ SHELF
SCALE: 3/4" = 1'-0"



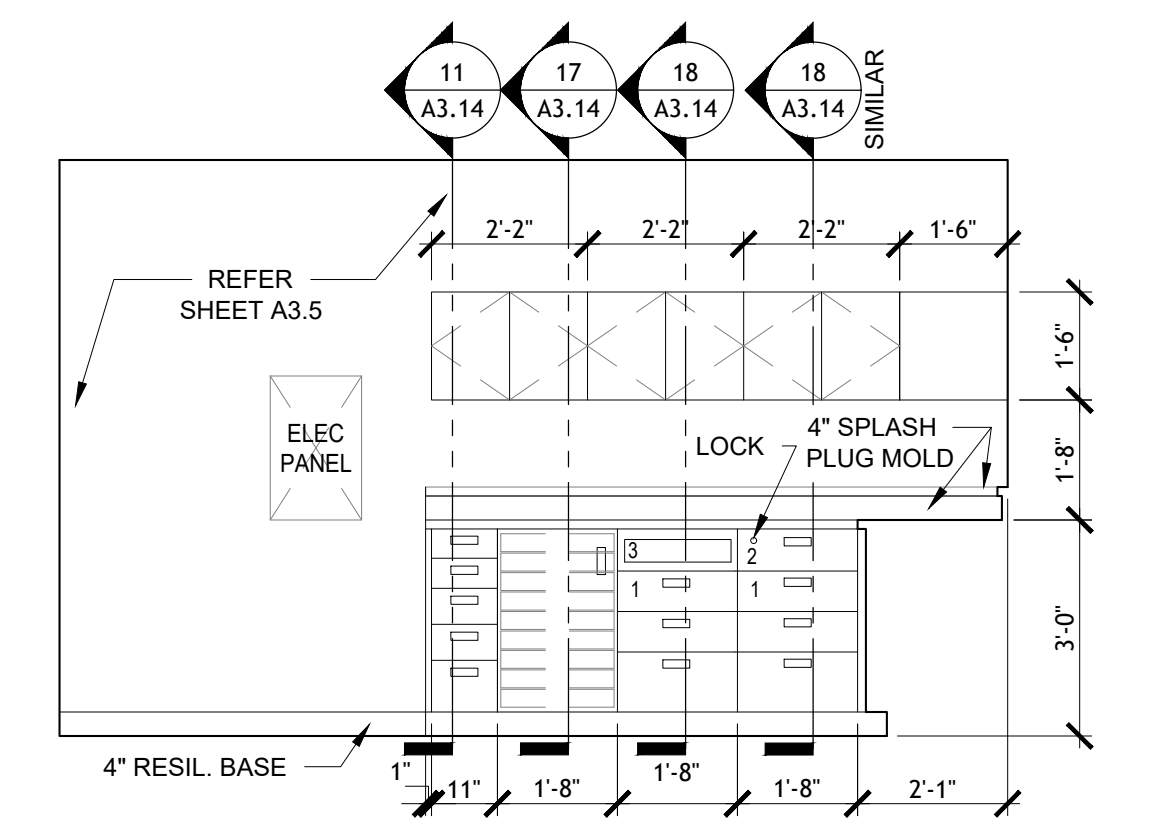
12 MILLWORK DETAIL CABINET w/ ADJ SHELF
SCALE: 3/4" = 1'-0"



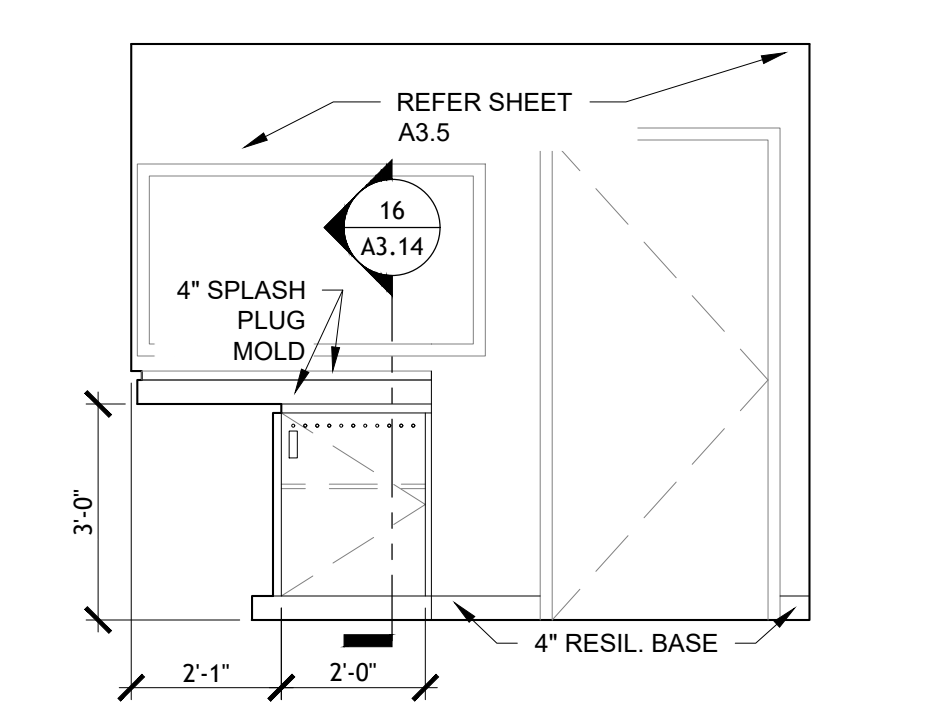
11 MILLWORK DETAIL CABINET w/ DRAWERS
SCALE: 3/4" = 1'-0"



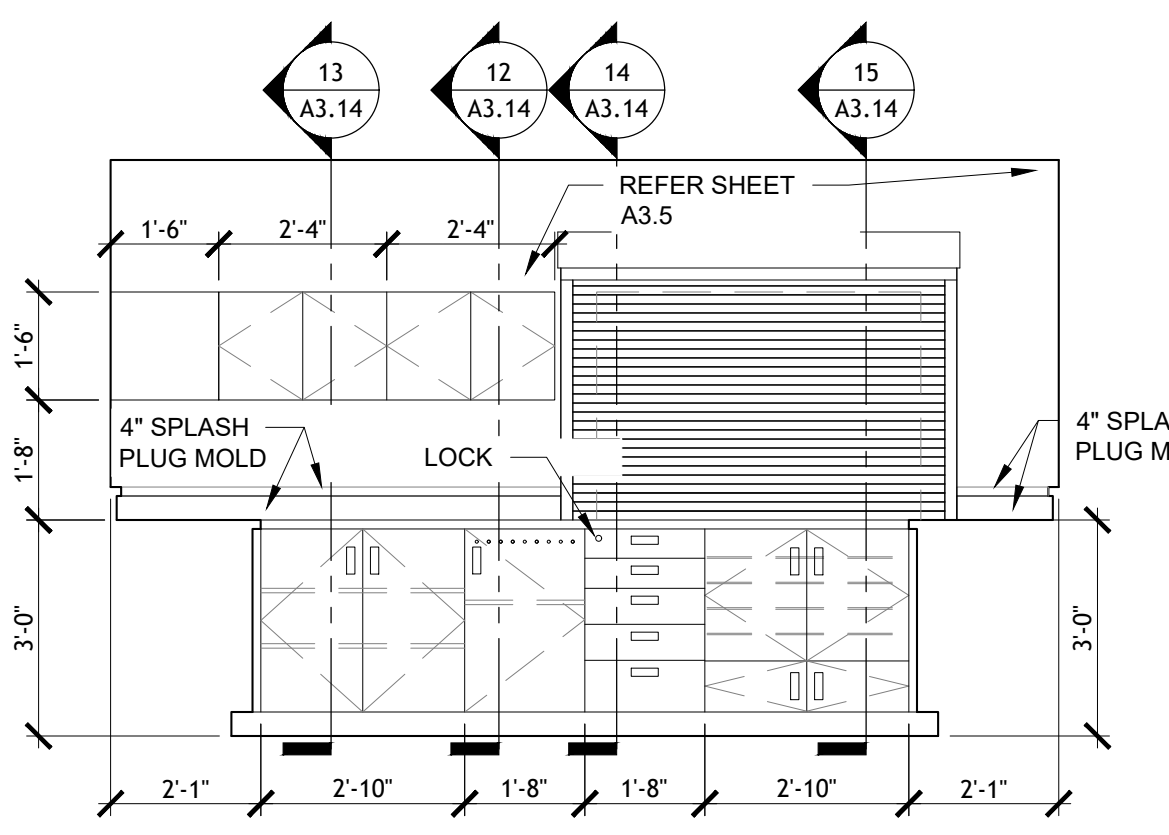
10 SERVICE OFFICE ELEVATION
SCALE: 3/8" = 1'-0"



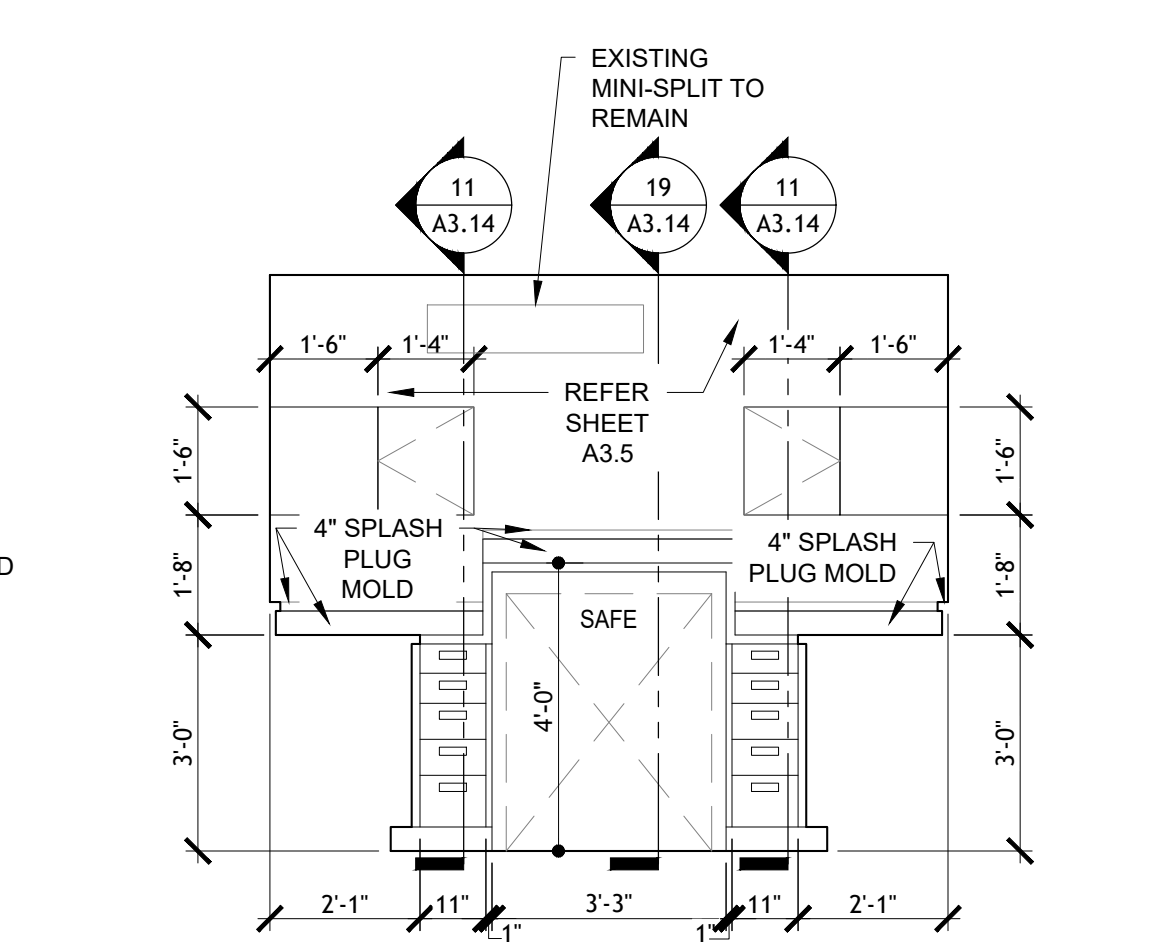
9 SERVICE OFFICE ELEVATION
SCALE: 3/8" = 1'-0"



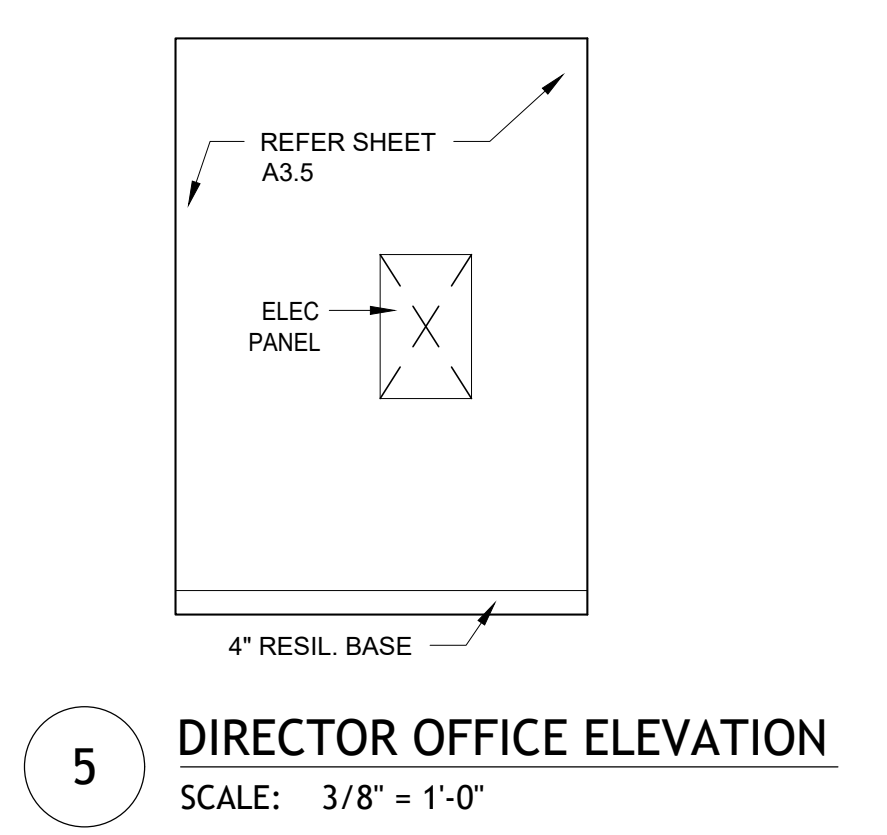
8 SERVICE OFFICE ELEVATION
SCALE: 3/8" = 1'-0"



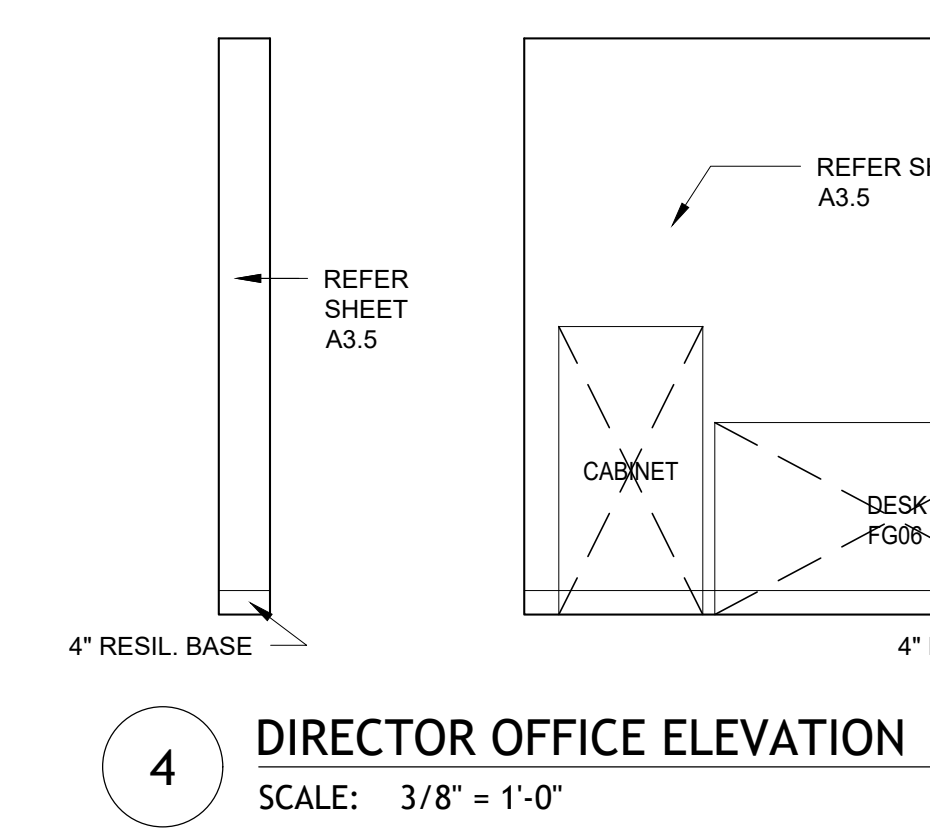
7 SERVICE OFFICE ELEVATION
SCALE: 3/8" = 1'-0"



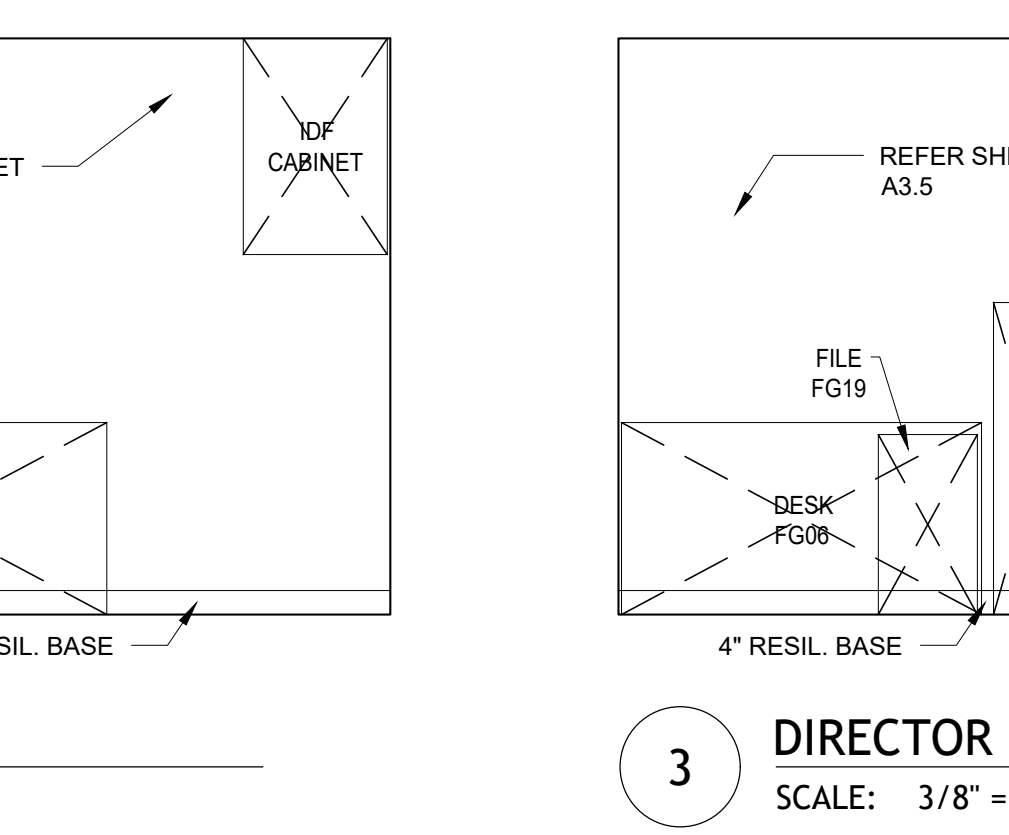
6 SERVICE OFFICE ELEVATION
SCALE: 3/8" = 1'-0"



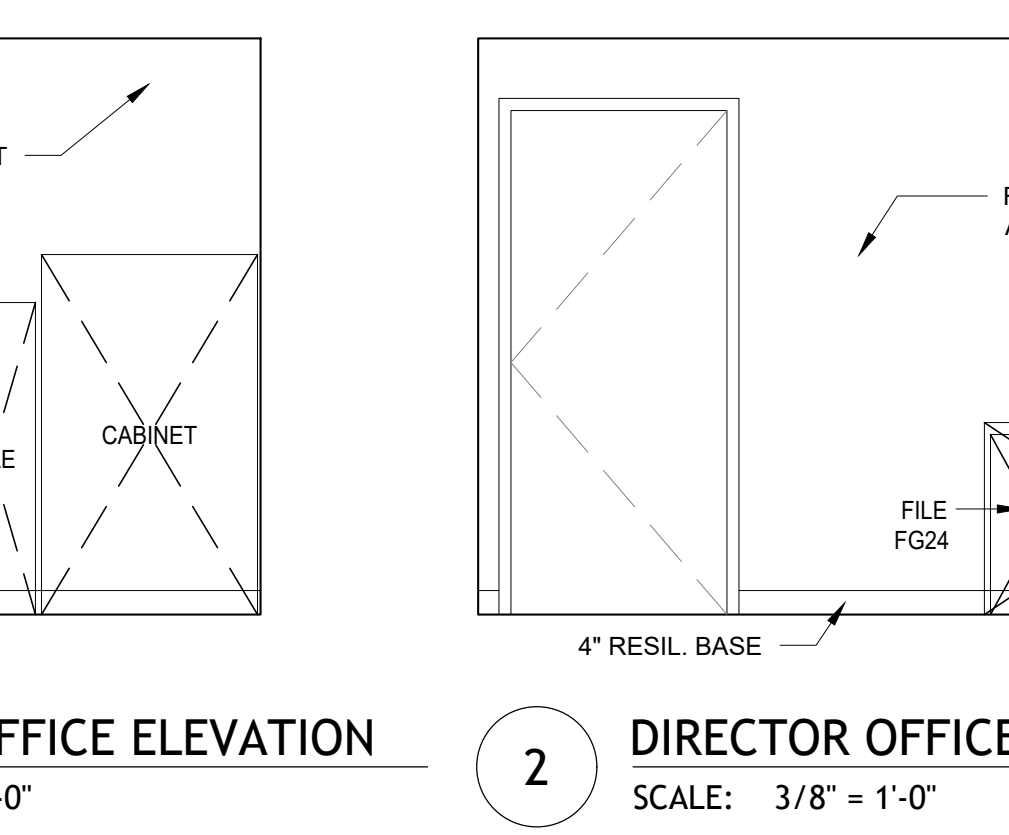
5 DIRECTOR OFFICE ELEVATION
SCALE: 3/8" = 1'-0"



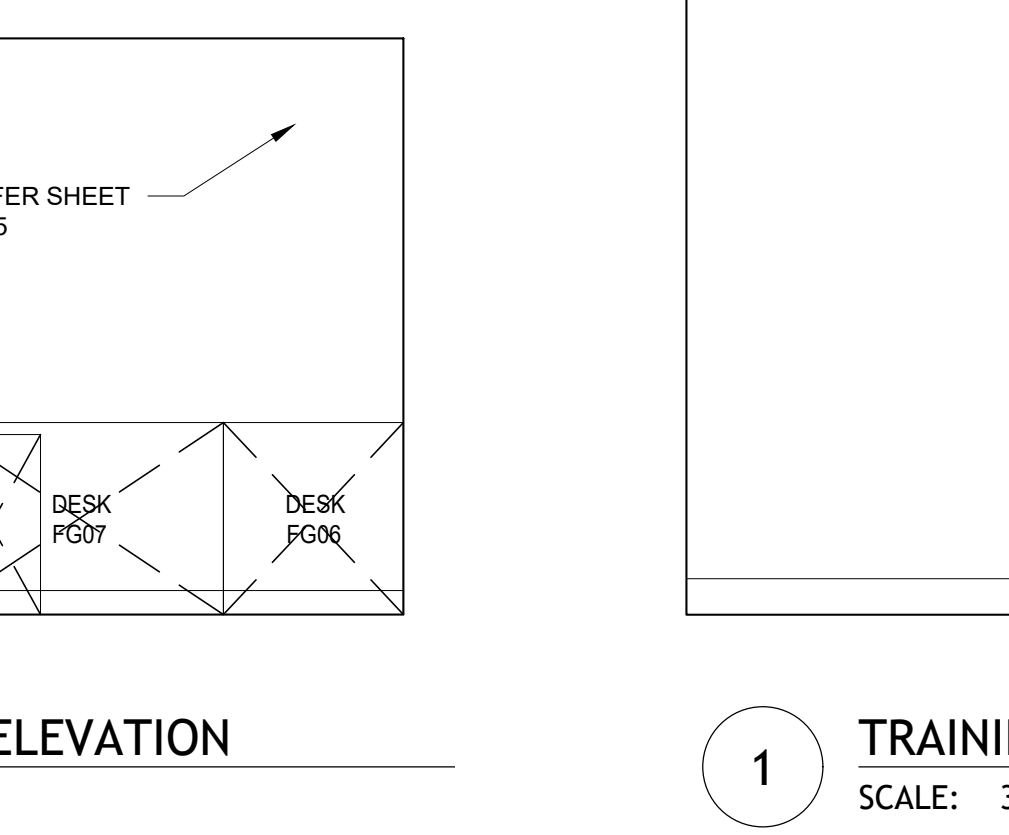
4 DIRECTOR OFFICE ELEVATION
SCALE: 3/8" = 1'-0"



3 DIRECTOR OFFICE ELEVATION
SCALE: 3/8" = 1'-0"



2 DIRECTOR OFFICE ELEVATION
SCALE: 3/8" = 1'-0"



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

BGC fs
BROOKSHIRE GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:
 PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE: **09/23**
 PROJECT NO: **4090600-0**
 STORE NO.: **906**
 SHEET NO.: **A3.14**

AS OF: 11/11/24

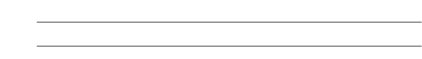
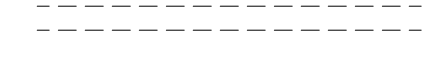

DEMO GENERAL NOTES

1. THESE DRAWINGS ARE FOR INTENT ONLY. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.
2. REMOVE ALL EXISTING APPLIED DECORATIVE GRAPHICS AND ASSOCIATED DECOR. EXISTING WALL ARE TO BE PREPPED FOR NEW PAINT.
3. PATCH AND REPAIR EXISTING WALLS TO MATCH SURROUNDING WALLS WHERE DEMOLITION OR REMOVAL OF ELEMENTS OCCURS.
4. TAKE PRECAUTIONS TO PROTECT ANY AREA NOT TO BE DEMOLISHED REPAIR ANY DAMAGED SURFACES SCHEDULED FOR NEW FINISH..
5. SHORE ANY LOAD BEARING STRUCTURE AS REQUIRED TO DEMOLISHED AREAS.

DEMO ELEVATION KEY NOTES

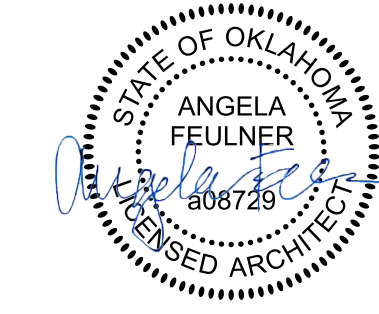
- 1 DEMOLISH & REMOVE PORTION OF EXISTING WING WALL TO REMAIN
- 2 BOLLARDS TO BE CUT FLUSH AT GROUND LEVEL. PATCH & REPAIR CONCRETE
- 3 REMOVE STOREFRONT GLAZING SYSTEM AND PREP FOR NEW VESTIBULE AND STOREFRONT
- 4 REMOVE EXISTING EXTERIOR WALL ELEMENTS IN THIS AREA SEE SHEET A3.0
- 5 REMOVE EXISTING DOOR AND FRAME. PREPARE FOR INFILL
- 6 CUT EXTERIOR WALL SEE SHEET 1/A3.0 FOR ADDITIONAL INFORMATION REF STRUCTURAL
- 7 REMOVE EXISTING DOOR AND FRAME REFER: STRUCTURAL FOR RAISING OPENING HEIGHT
- 8 REMOVE STOREFRONT AND GLAZING. PREPARE OPENING FOR INFILL
- 9 REMOVE EXISTING SIGNAGE. PATCH & REPAIR WALL TO MATCH EXG
- 10 REMOVE AWNING. PATCH & REPAIR WALL TO MATCH EXG
- 11 REMOVE PANEL. PREP FOR NEW
- 12 RELOCATE & REFACE EXISTING SIGNAGE
- 13 REMOVE SIGNAGE PANEL

DEMO SITE LEGEND

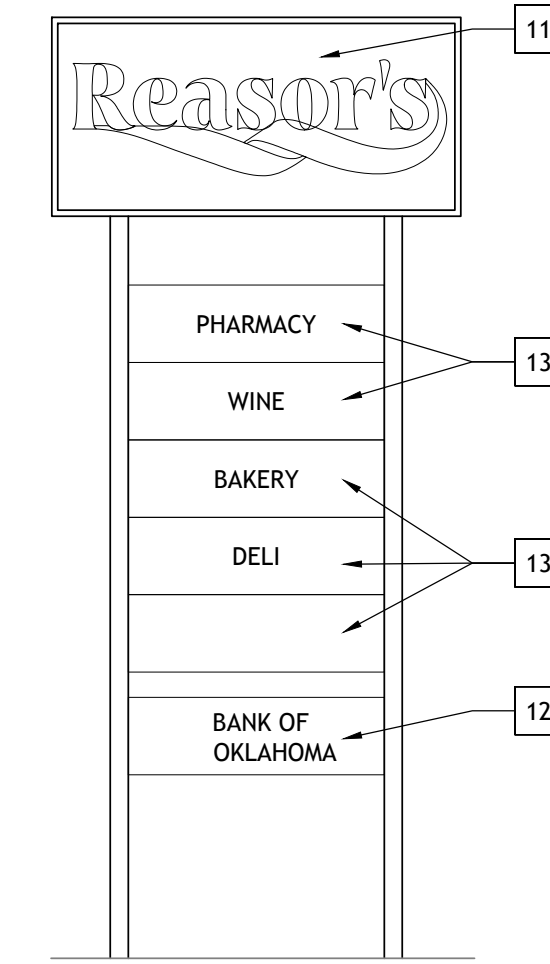
-  EXISTING SITE CONSTRUCTION TO REMAIN
-  EXISTING SITE CONSTRUCTION TO BE REMOVED
-  PREP AREA FOR NEW

CORE STATES GROUP

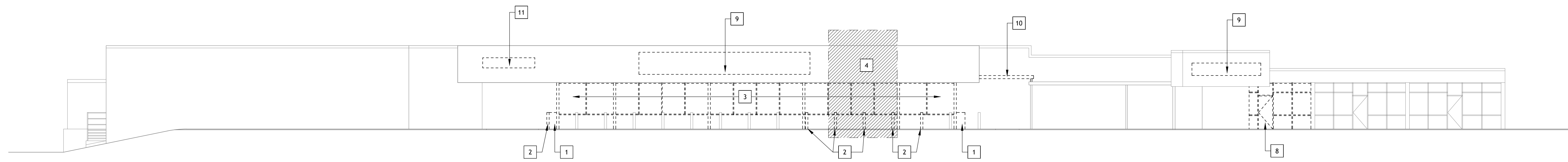
CORESTATES DESIGN P.C.
 111 3rd Avenue S
 Suite 400
 612.547.1300
 Minneapolis, MN 55401
 www.core-states.com



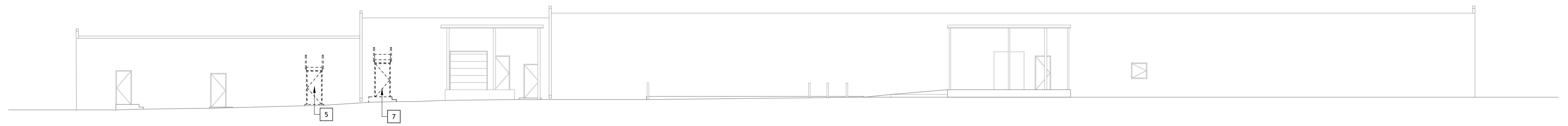
Drawn: EDUARDO GUZMAN
 Reviewed: A. FEULNER
 Sheet Date: 11/11/24
 Proj. Number: BGC.37947.RR



4 PYLON DEMO ELEVATION
 SCALE: NTS



3 EAST DEMO ELEVATION
 SCALE: 3/32" = 1'-0"



2 WEST DEMO ELEVATION
 SCALE: 3/32" = 1'-0"

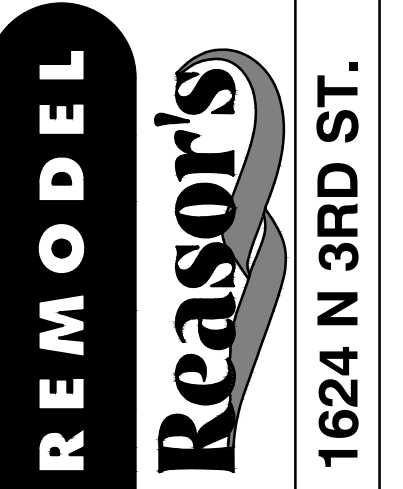


1 SOUTH DEMO ELEVATION
 SCALE: 3/32" = 1'-0"



430 E. Front St.
 Tyler, TX 75702
 903-579-0500

39,756 SF
#906
 LANGLEY, OK



NO.	DATE	REVISION DESCRIPTION
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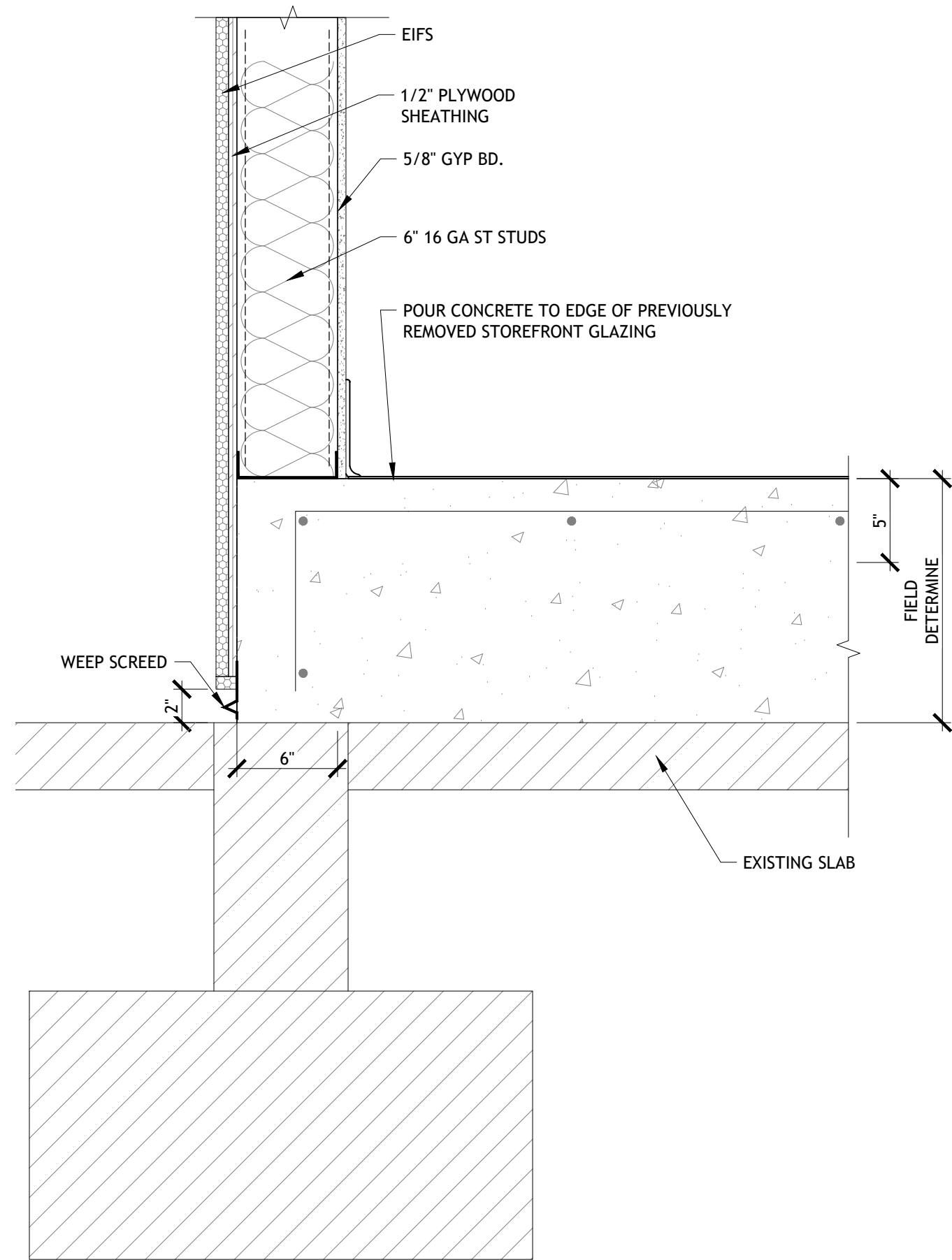
ISSUED FOR:	DATE
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<input type="checkbox"/> REVIEW	PROJECT NO.
<input type="checkbox"/> PERMIT	4090600-0
<input type="checkbox"/> BIDDING	STORE NO.
<input type="checkbox"/> CONSTRUCTION	906

AS OF: 11/11/24
 PROJECT NO. 4090600-0
 STORE NO. 906
 SHEET NO.

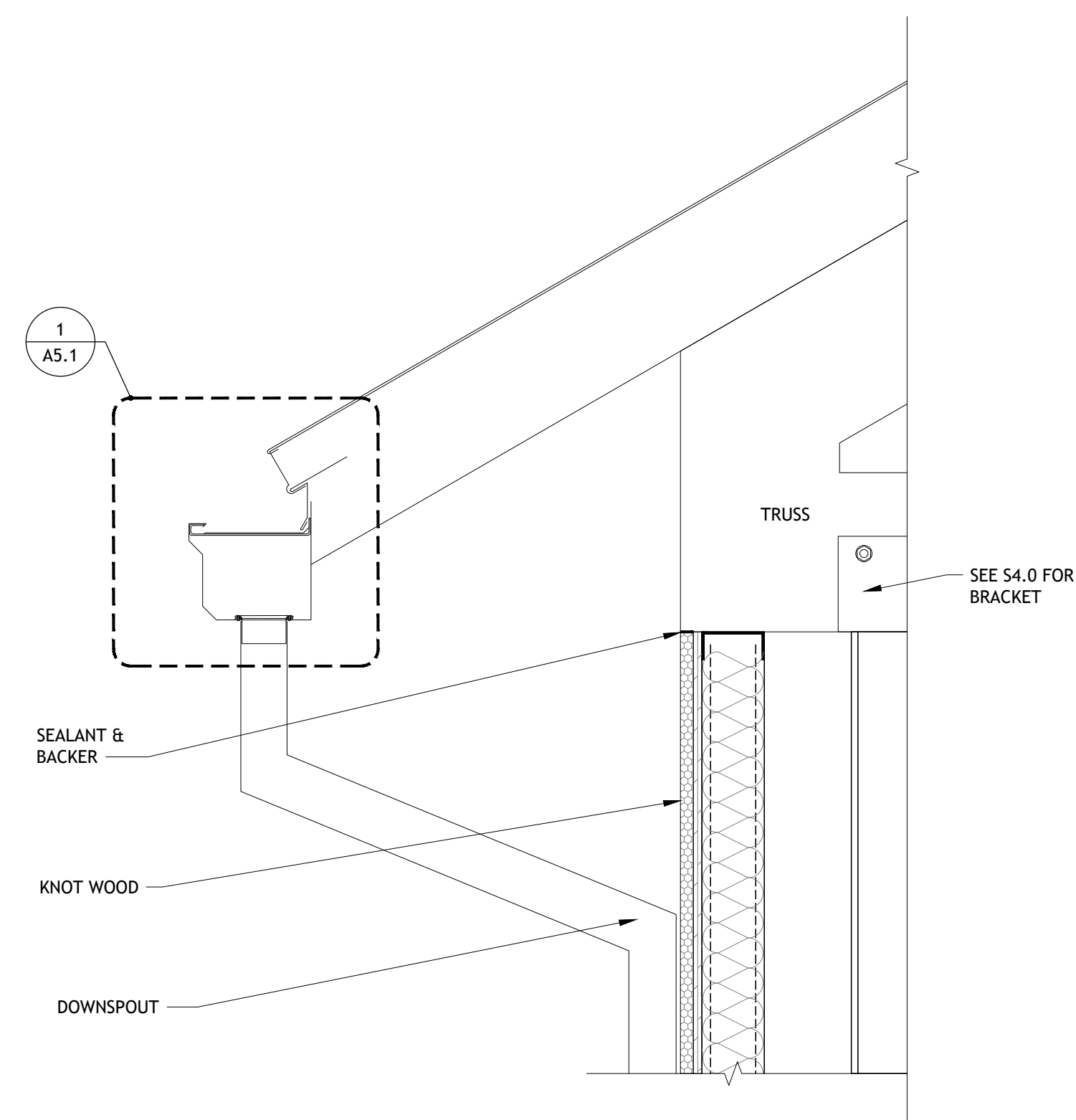
A4.0



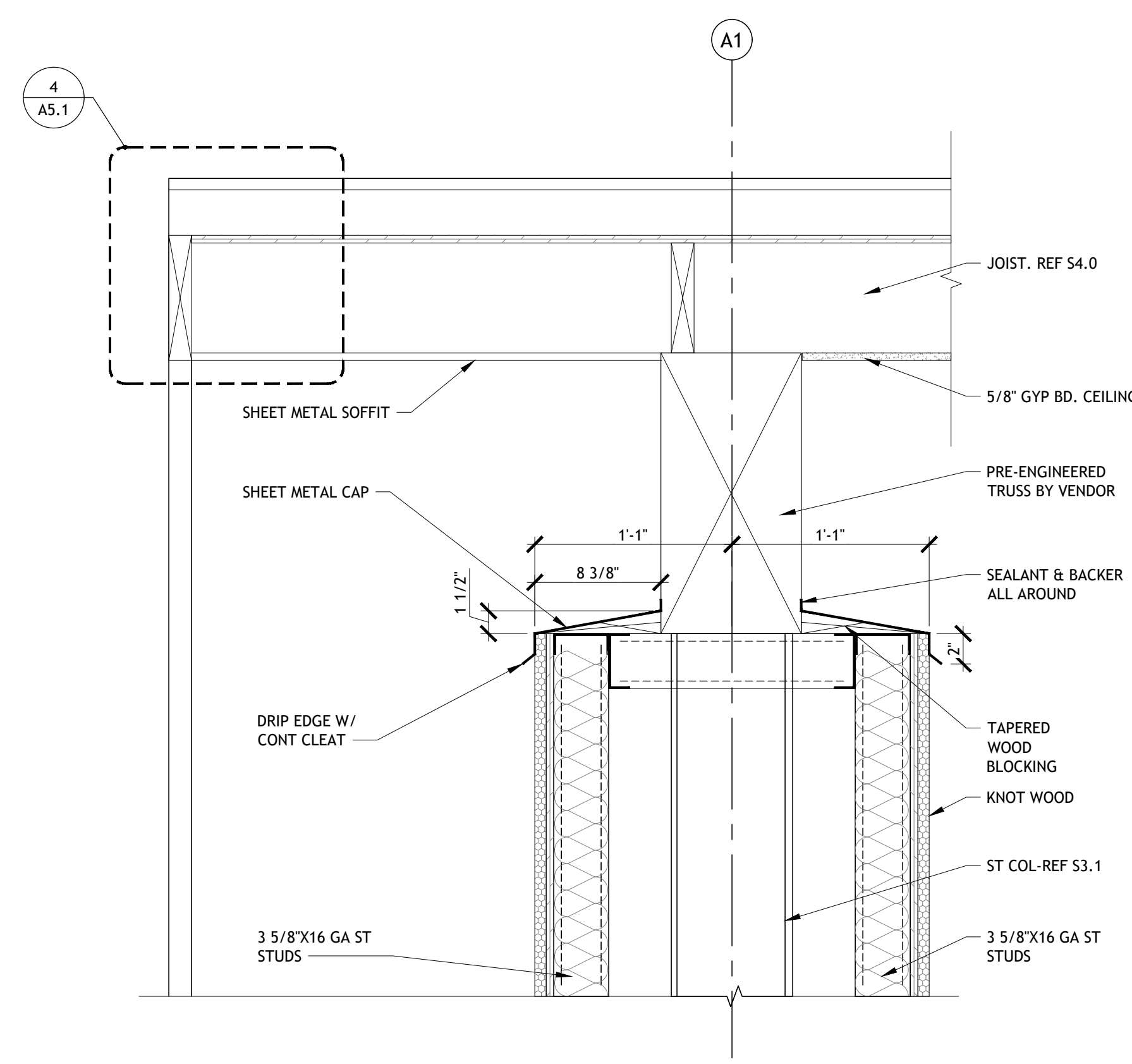
Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR



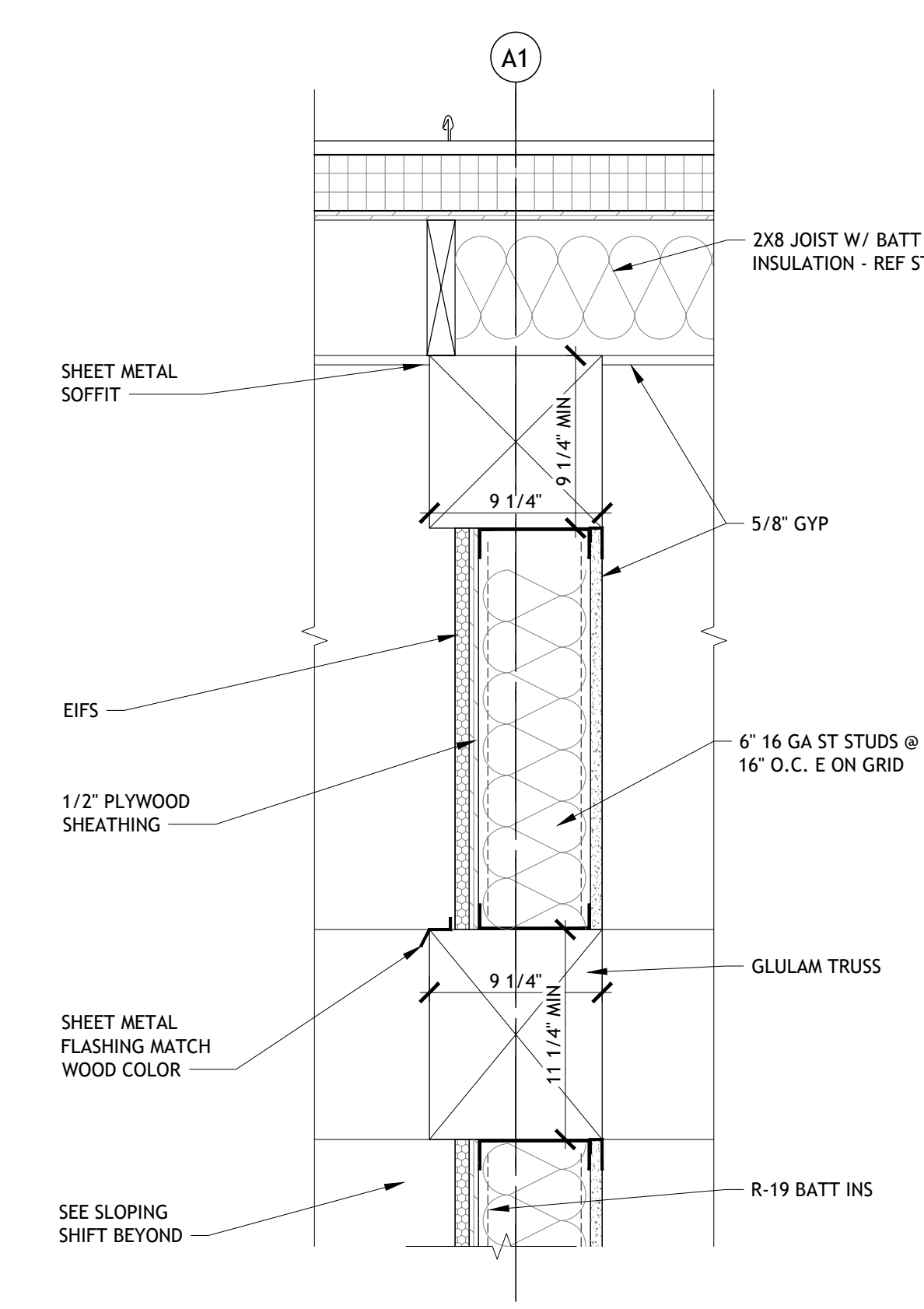
7 SECTION AT ELEVATED BREAK ROOM
SCALE: 1 1/2" = 1'-0"



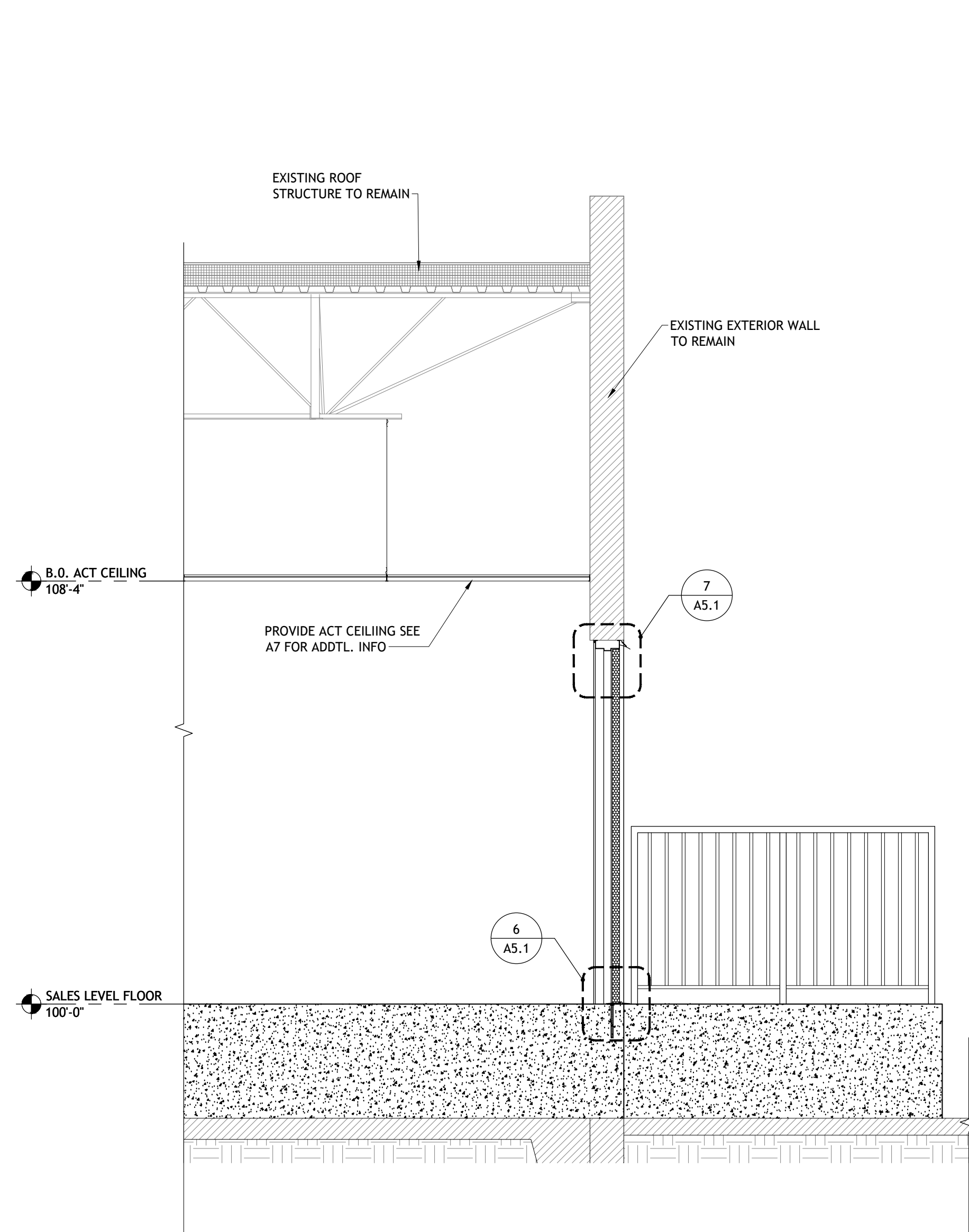
6 GUTTER SECTION
SCALE: 1 1/2" = 1'-0"



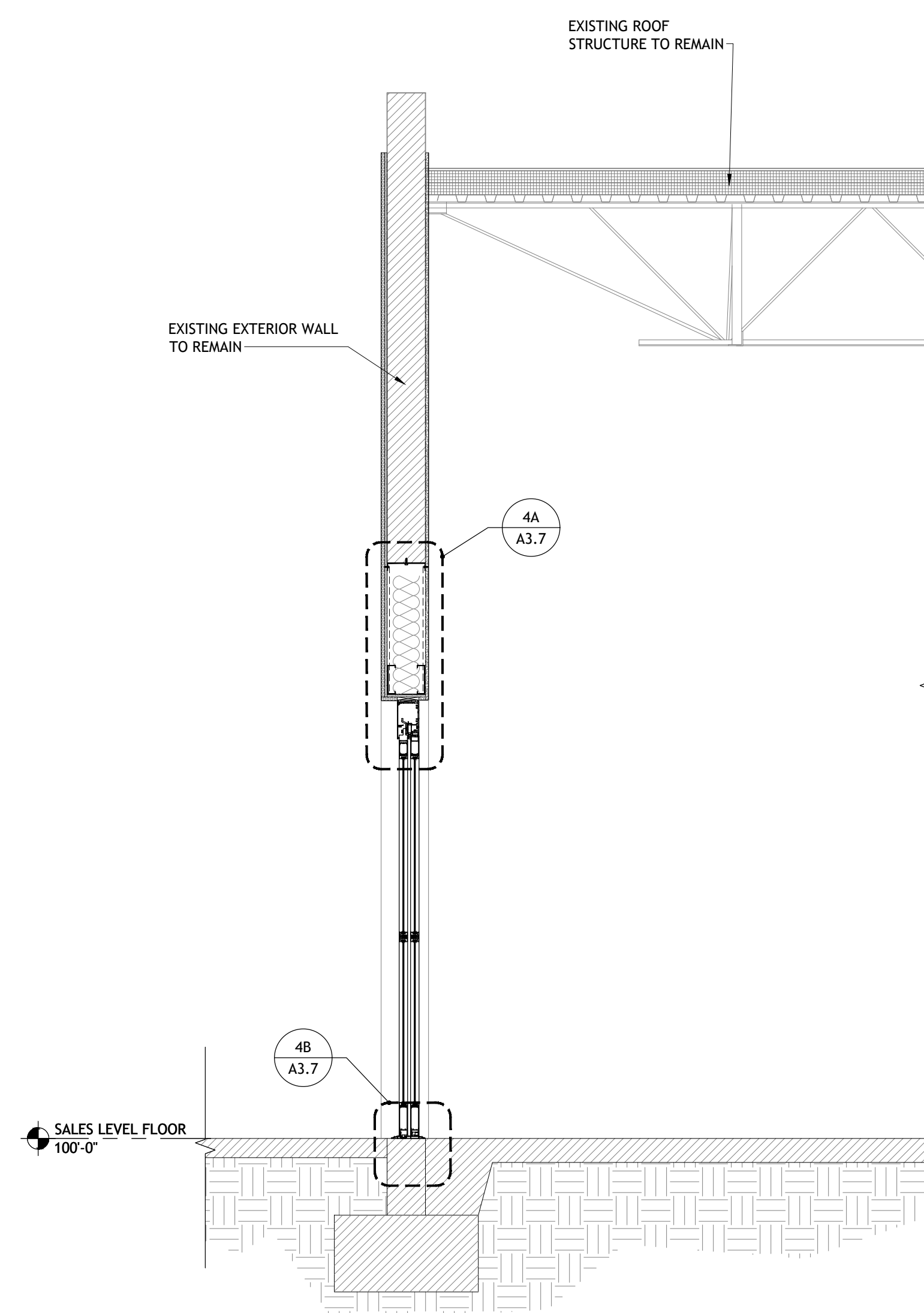
5 TRUSS SECTION SECTION
SCALE: 1 1/2" = 1'-0"



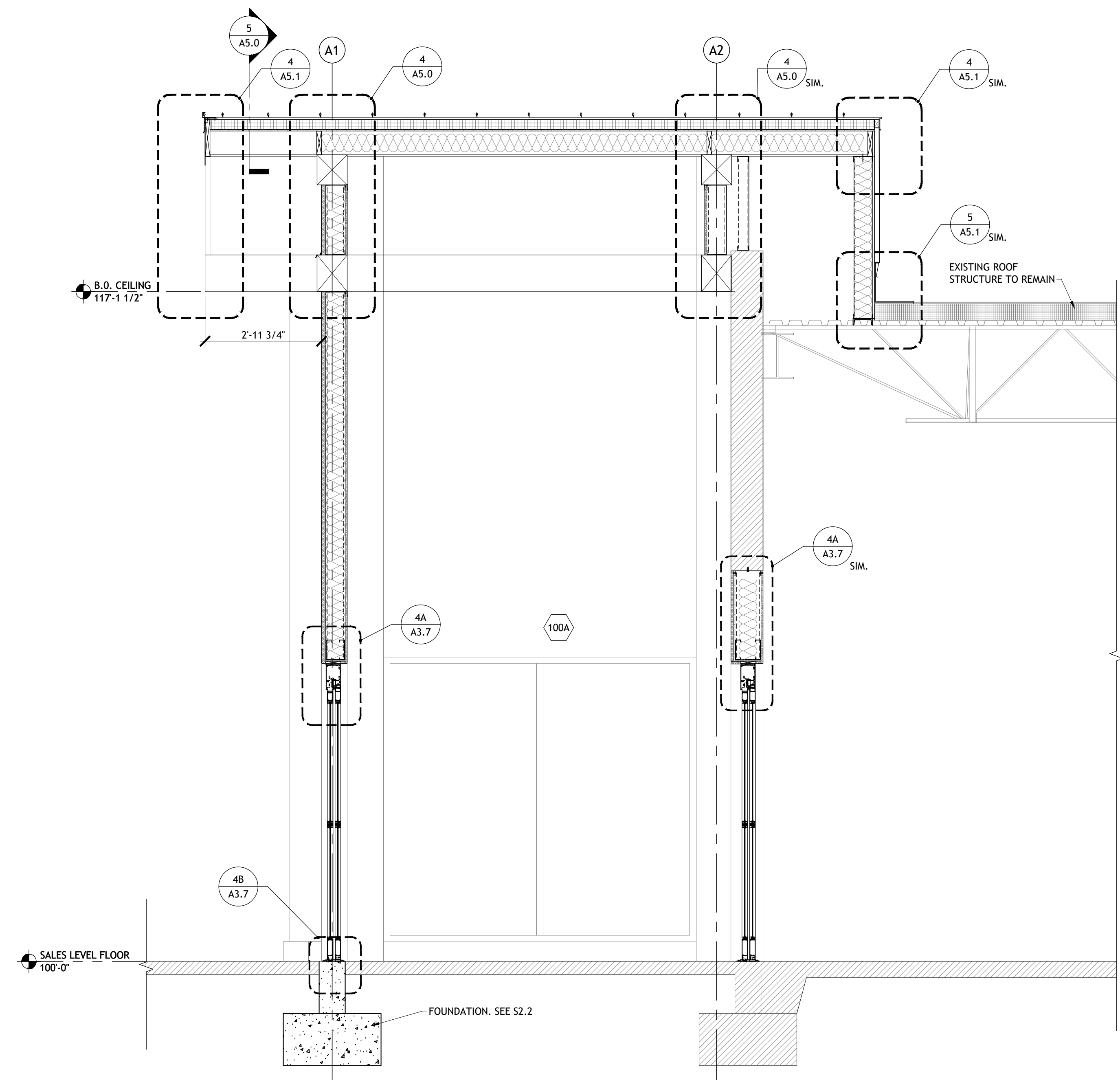
4 TRUSS SECTION SECTION
SCALE: 1 1/2" = 1'-0"



3 WALL SECTION AT HALL RAMP
SCALE: 1/2" = 1'-0"



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



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

REVISION DESCRIPTION

NO. DATE REVISION DESCRIPTION

0 11/11/2024 PERMIT SET

ISSUED FOR:
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 CONSTRUCTION

DATE
09/23
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4090600-0
STORE NO.

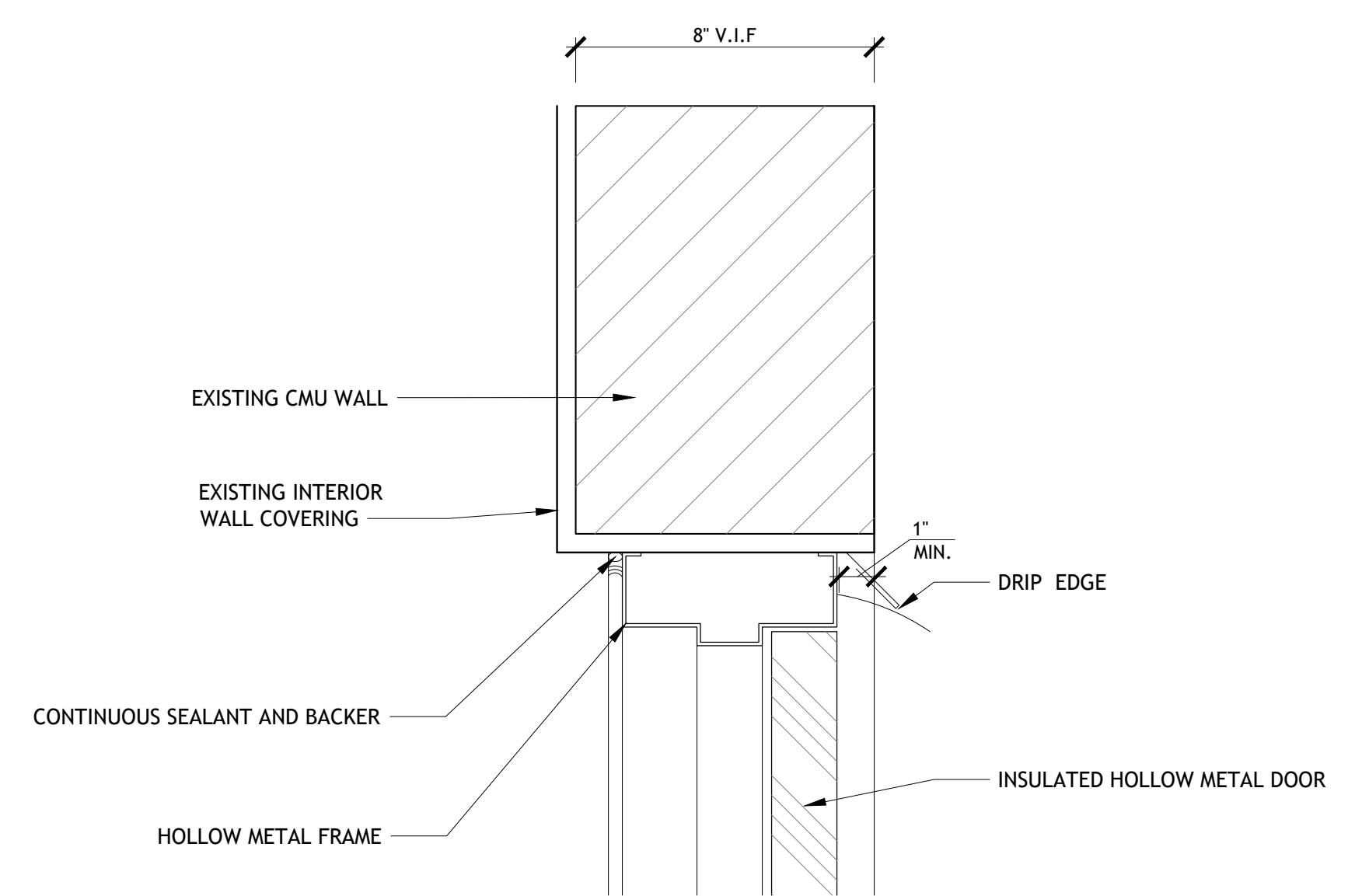
906
SHEET NO.

A5.0

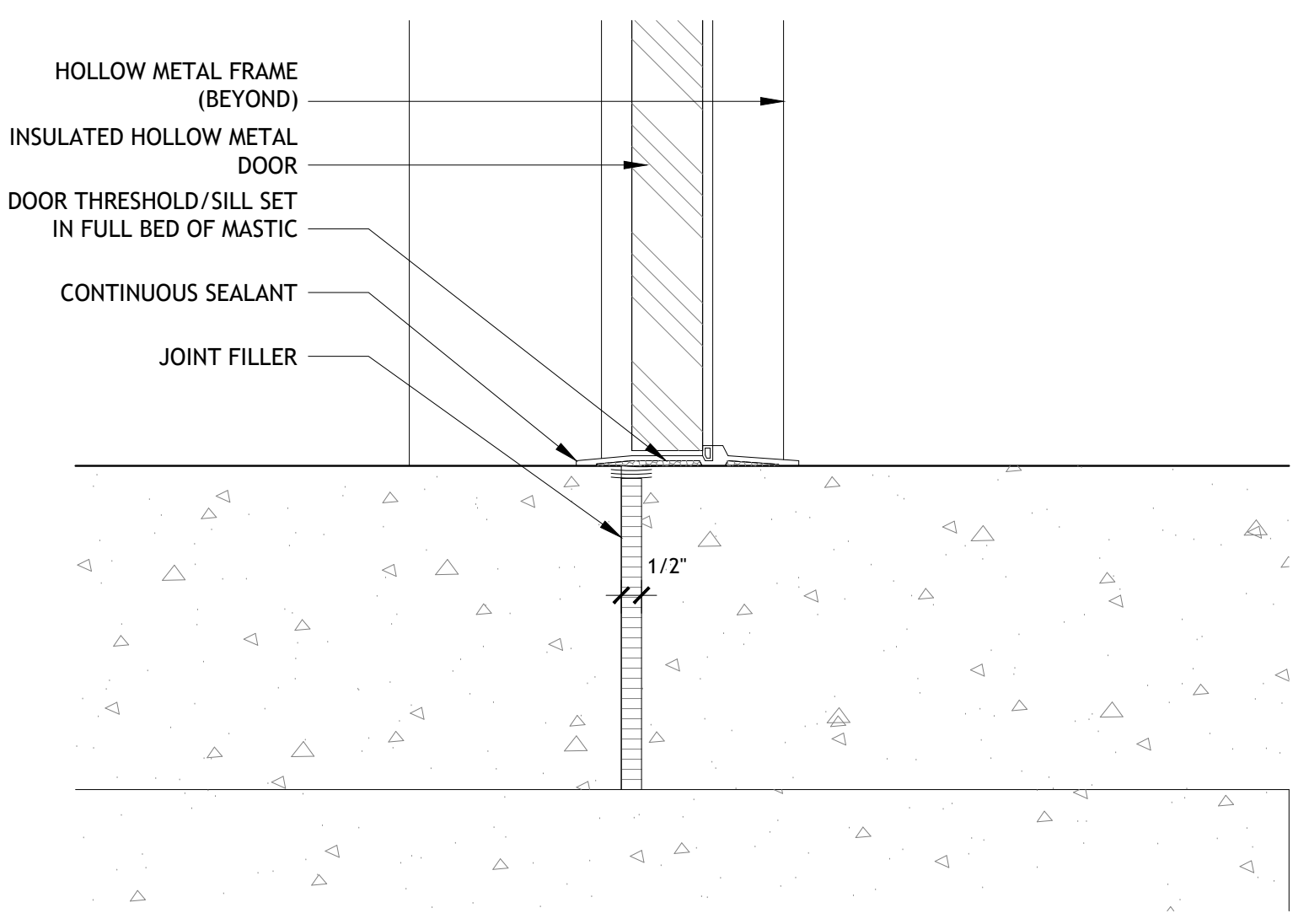
AS OF: 11/11/24



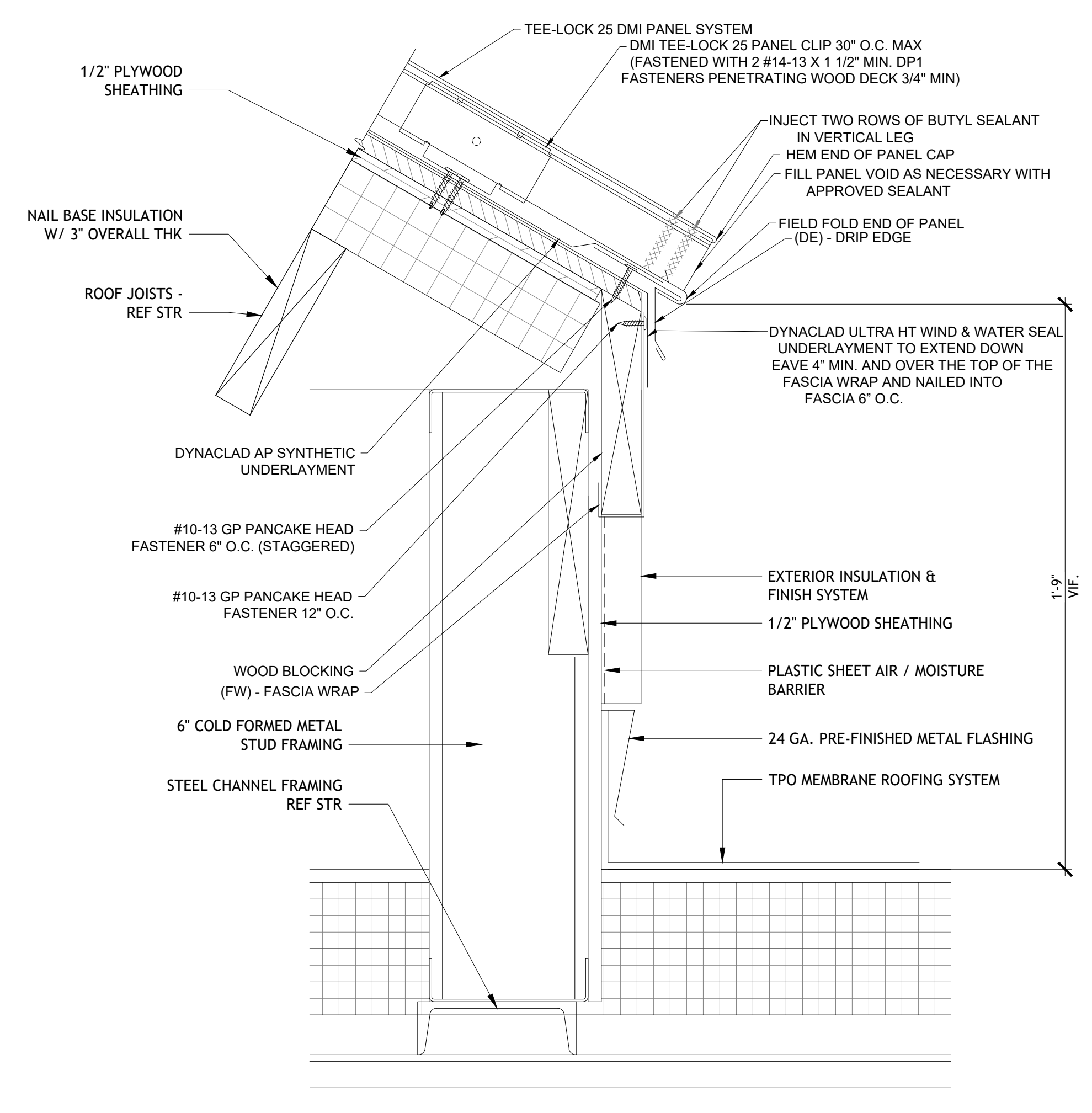
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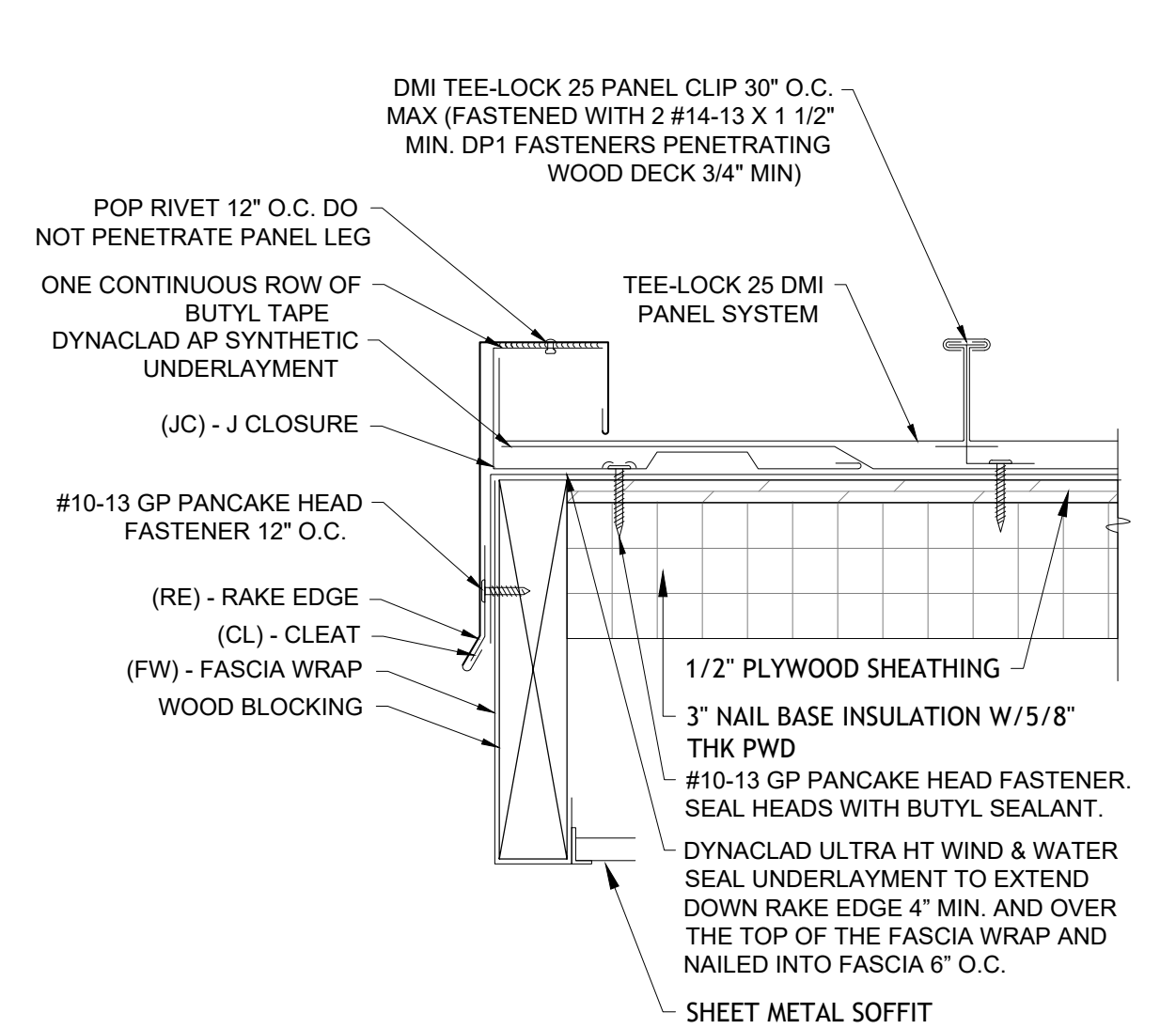
7 SECTION DETAIL
SCALE: 3" = 1'-0"



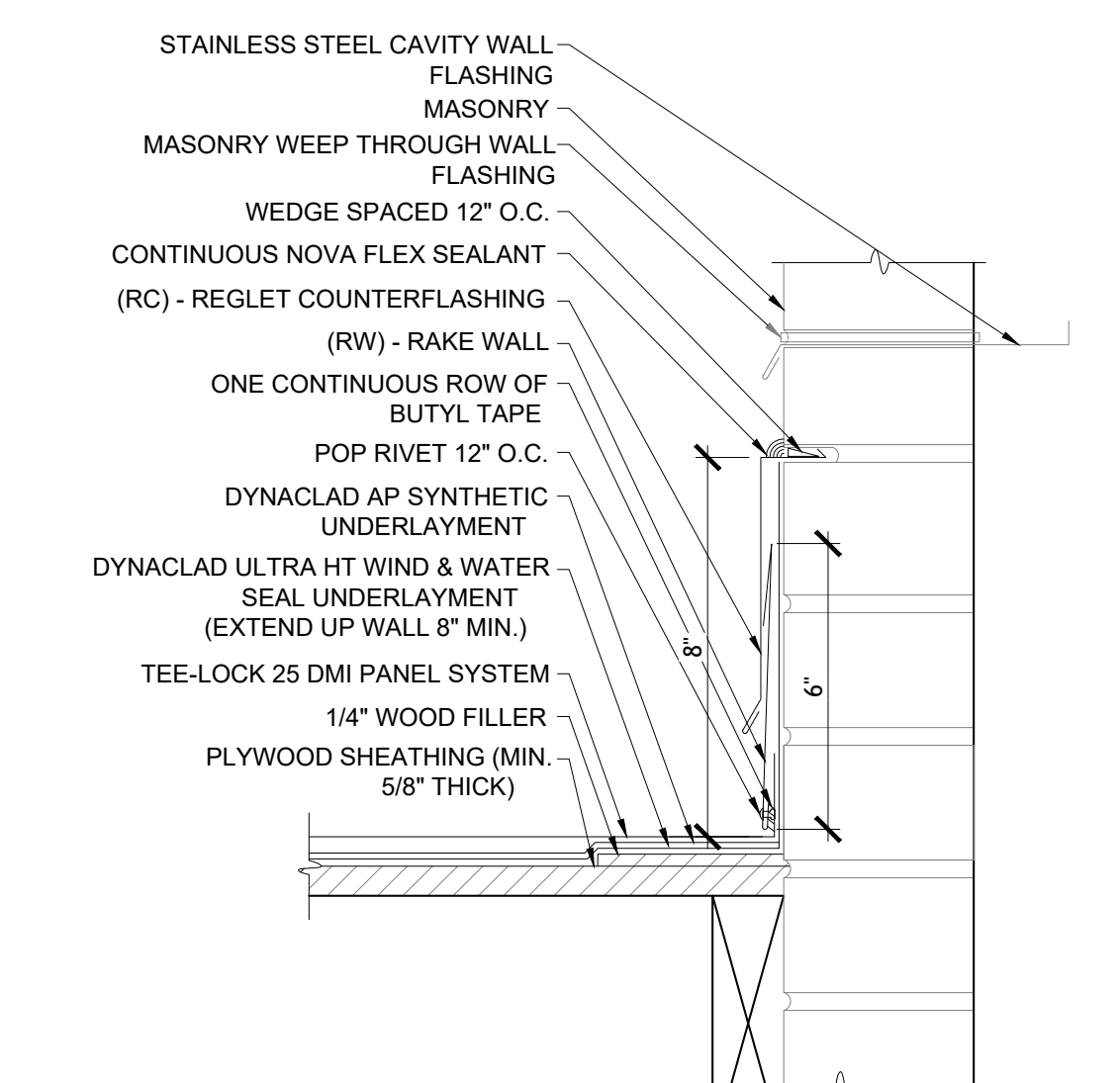
6 SECTION DETAIL
SCALE: 3" = 1'-0"



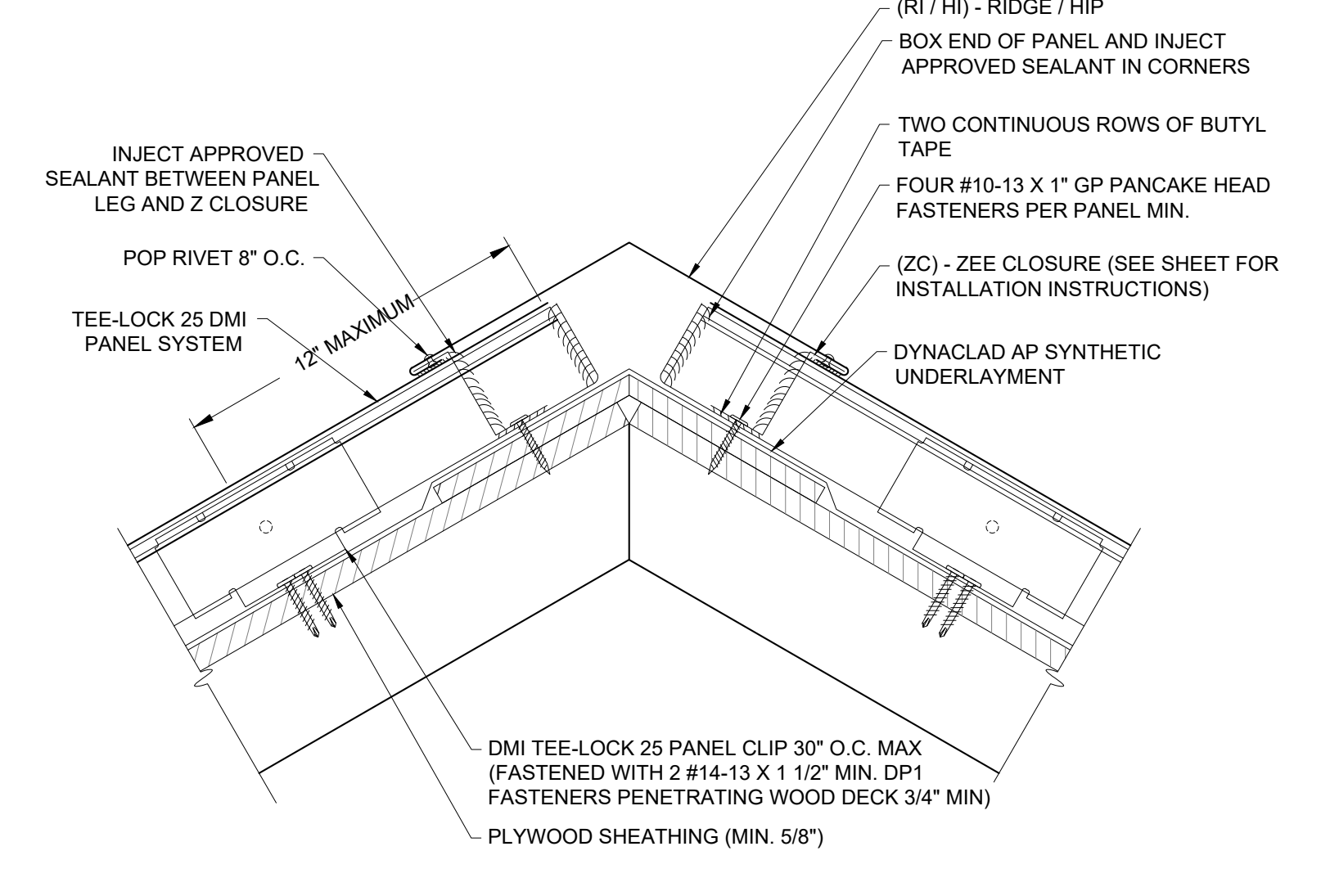
5 SECTION DETAIL
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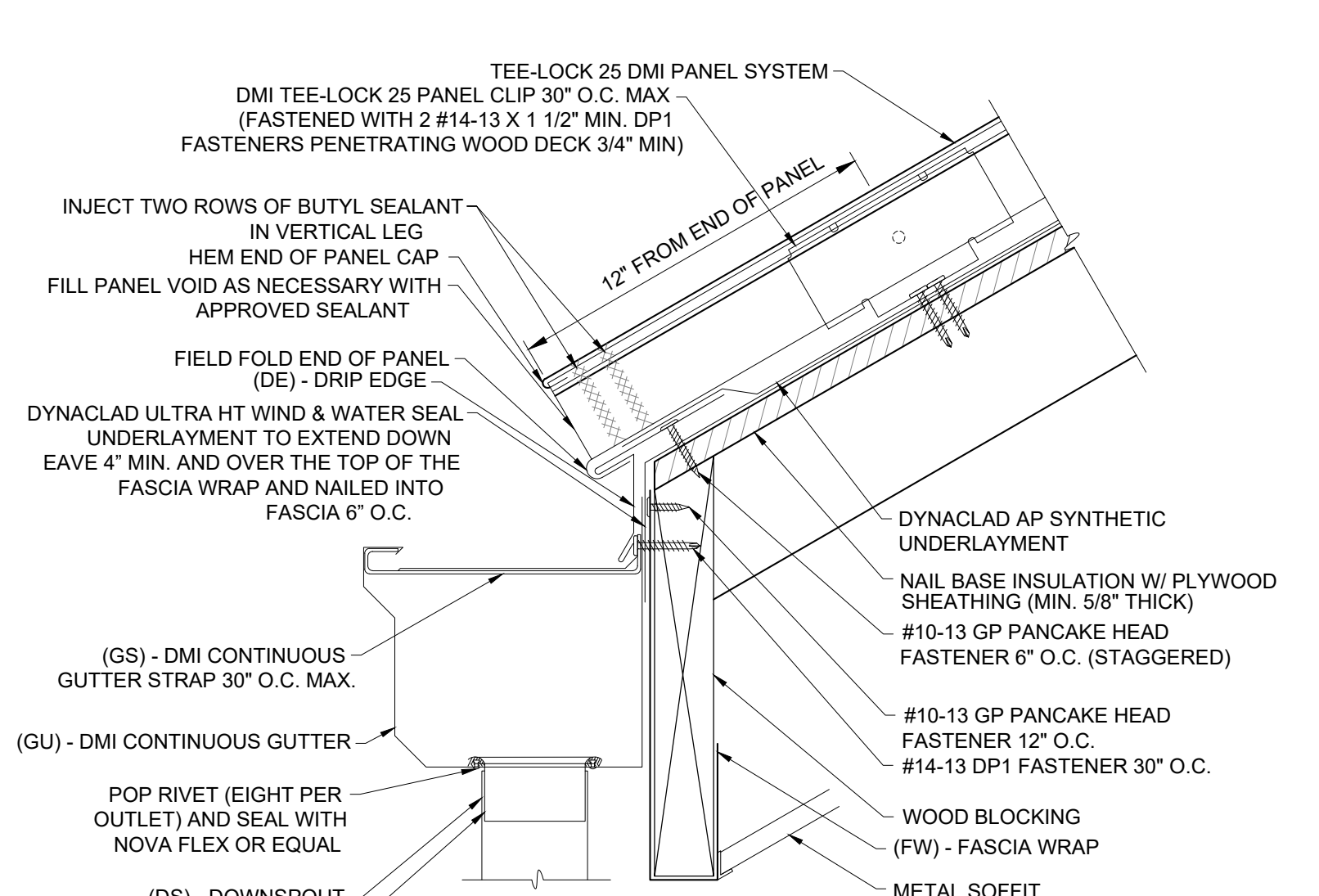
4 SECTION DETAIL
SCALE: 3" = 1'-0"



3 SECTION DETAIL
SCALE: 3" = 1'-0"



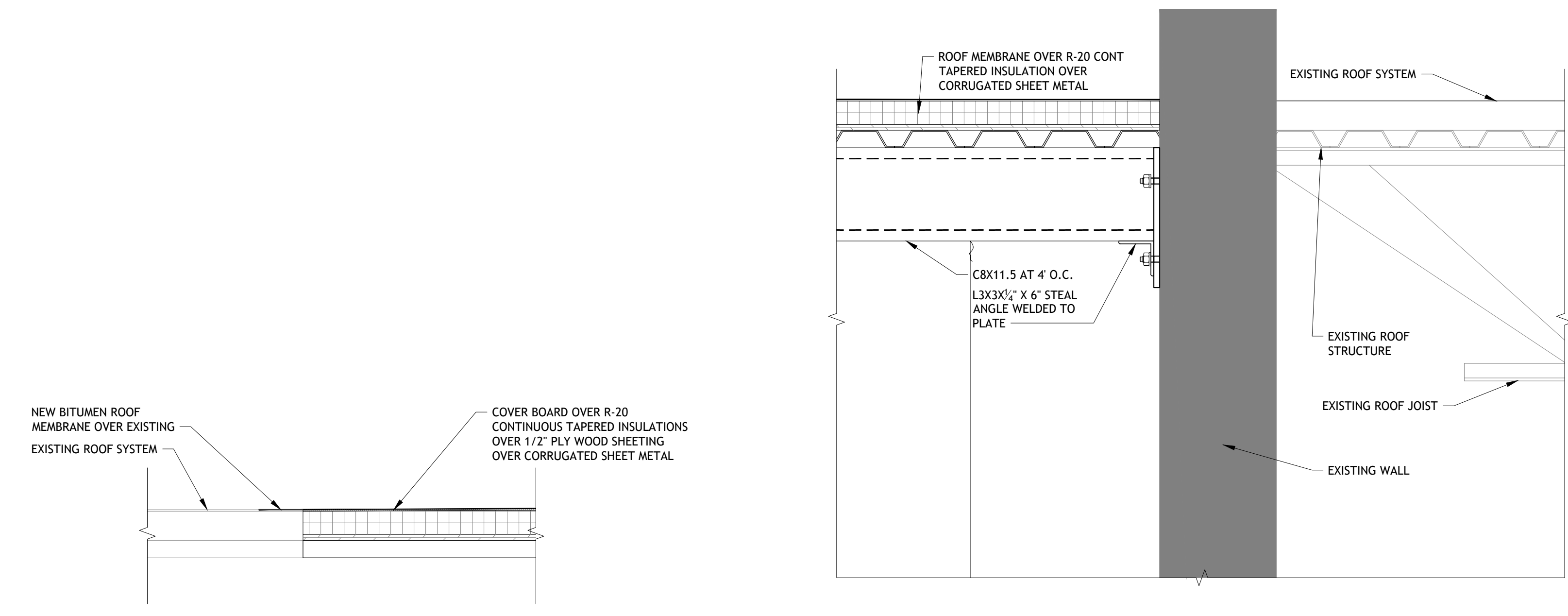
2 SECTION DETAIL
SCALE: 3" = 1'-0"



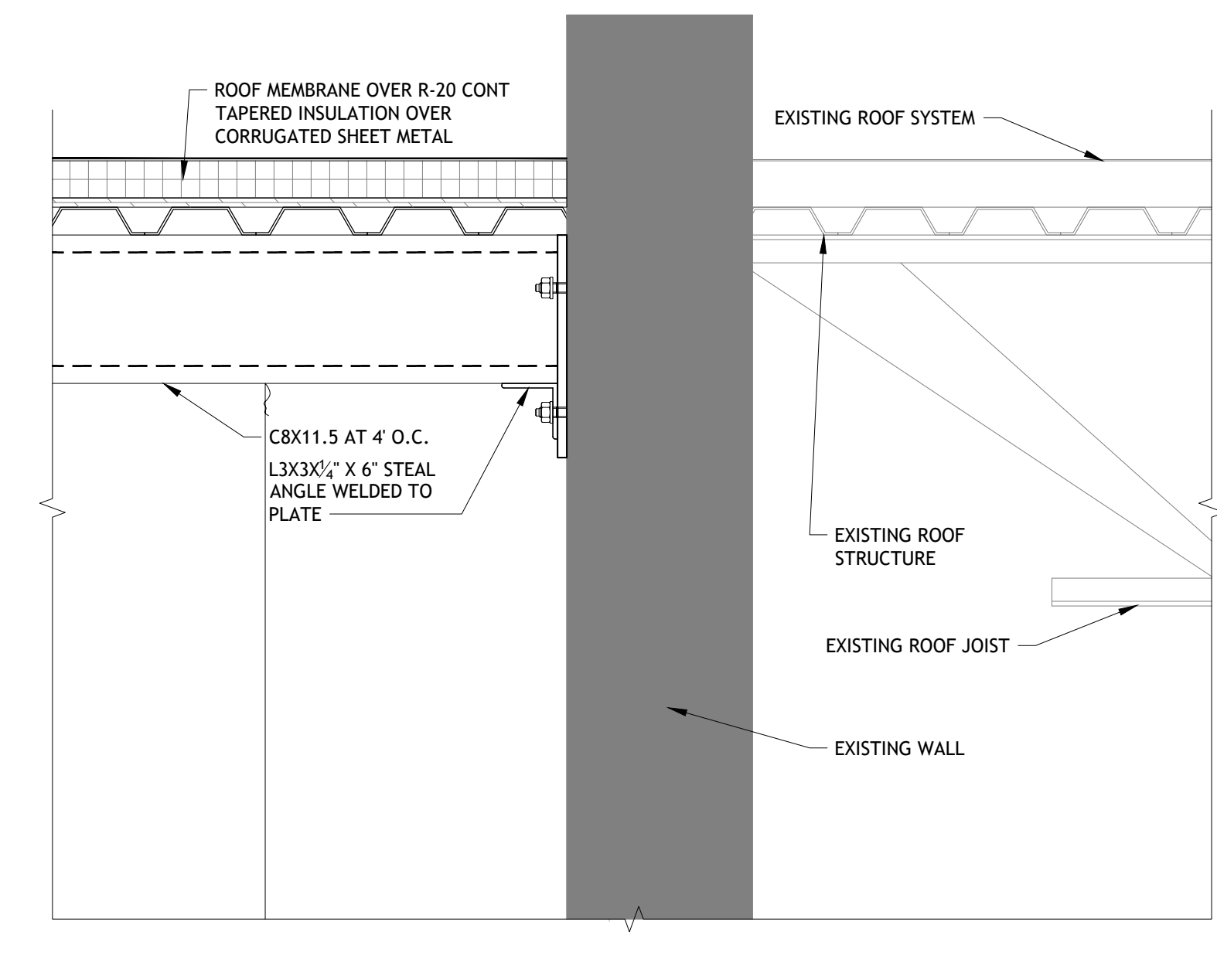
1 SECTION DETAIL
SCALE: 3" = 1'-0"



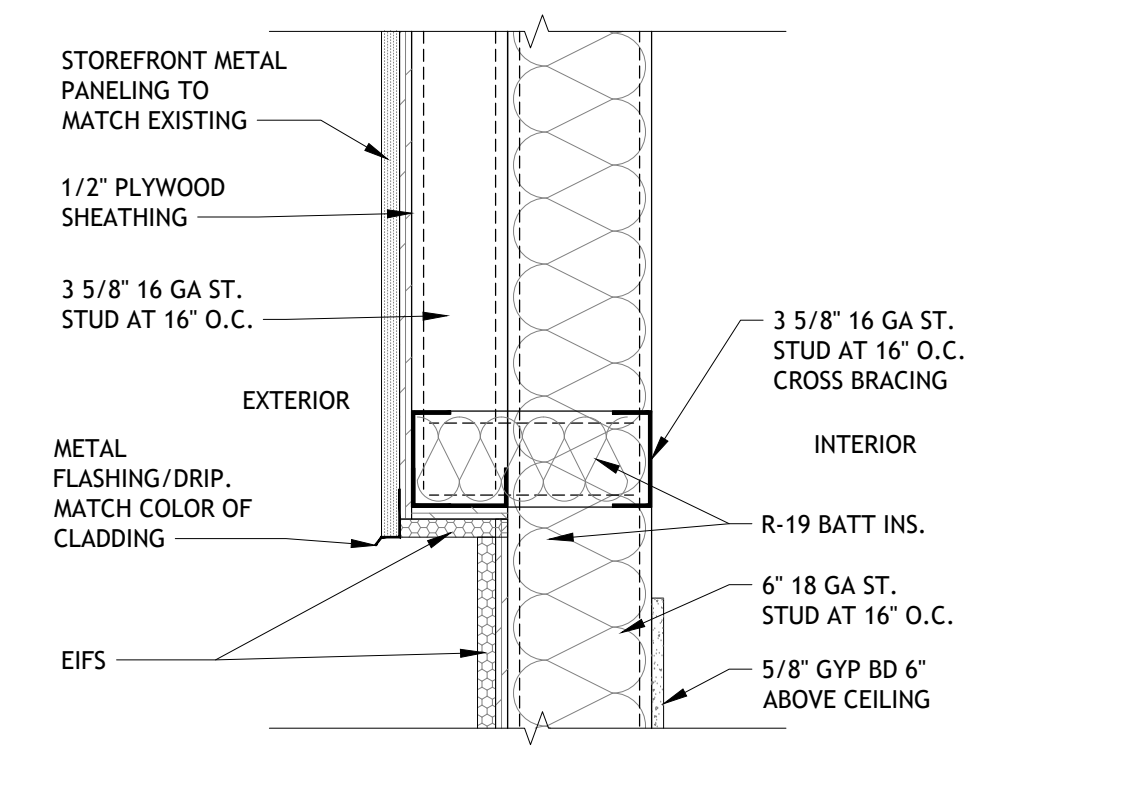
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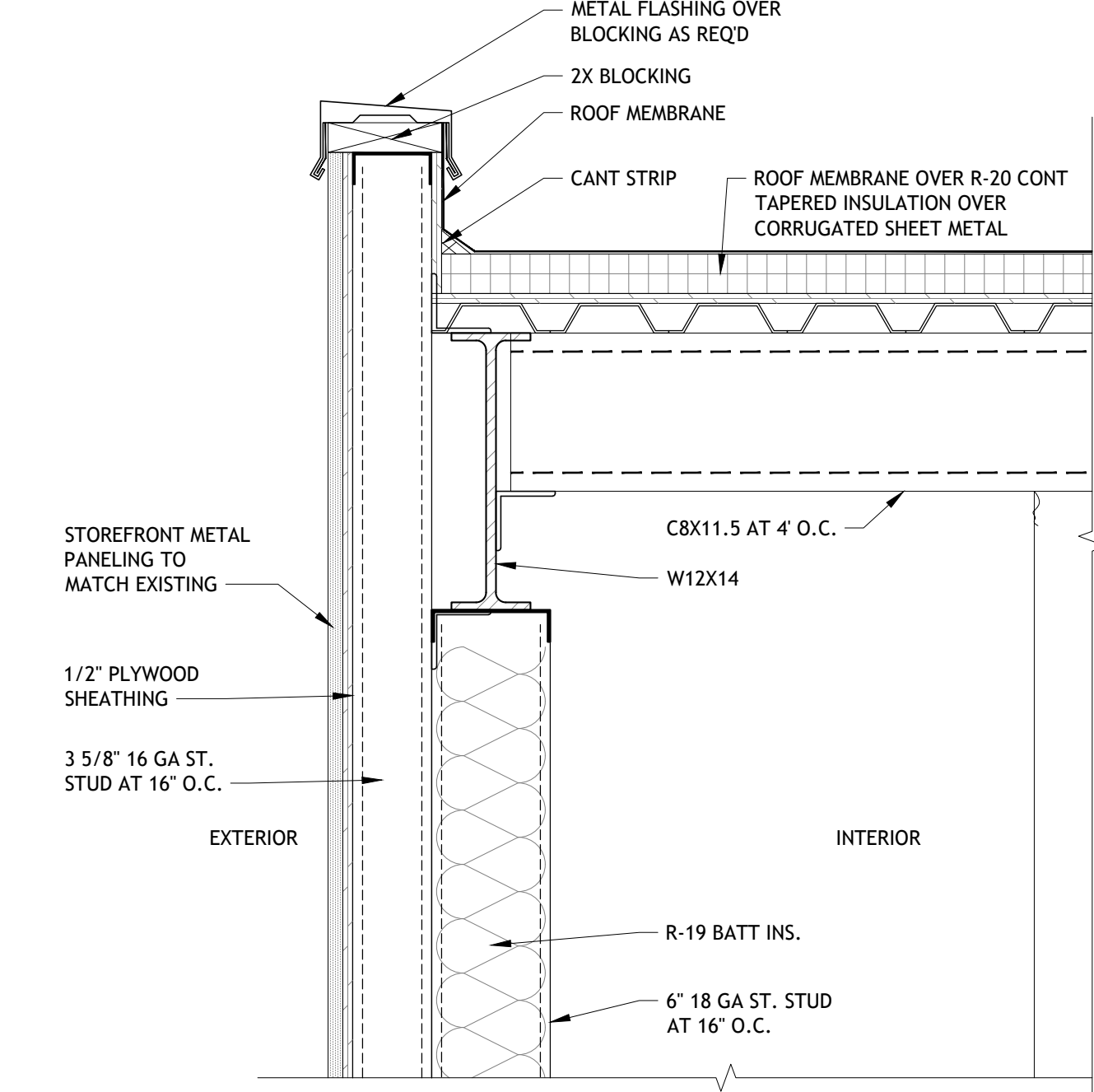
7 ROOF TIE IN DETAIL
SCALE: 1 1/2" = 1'-0"



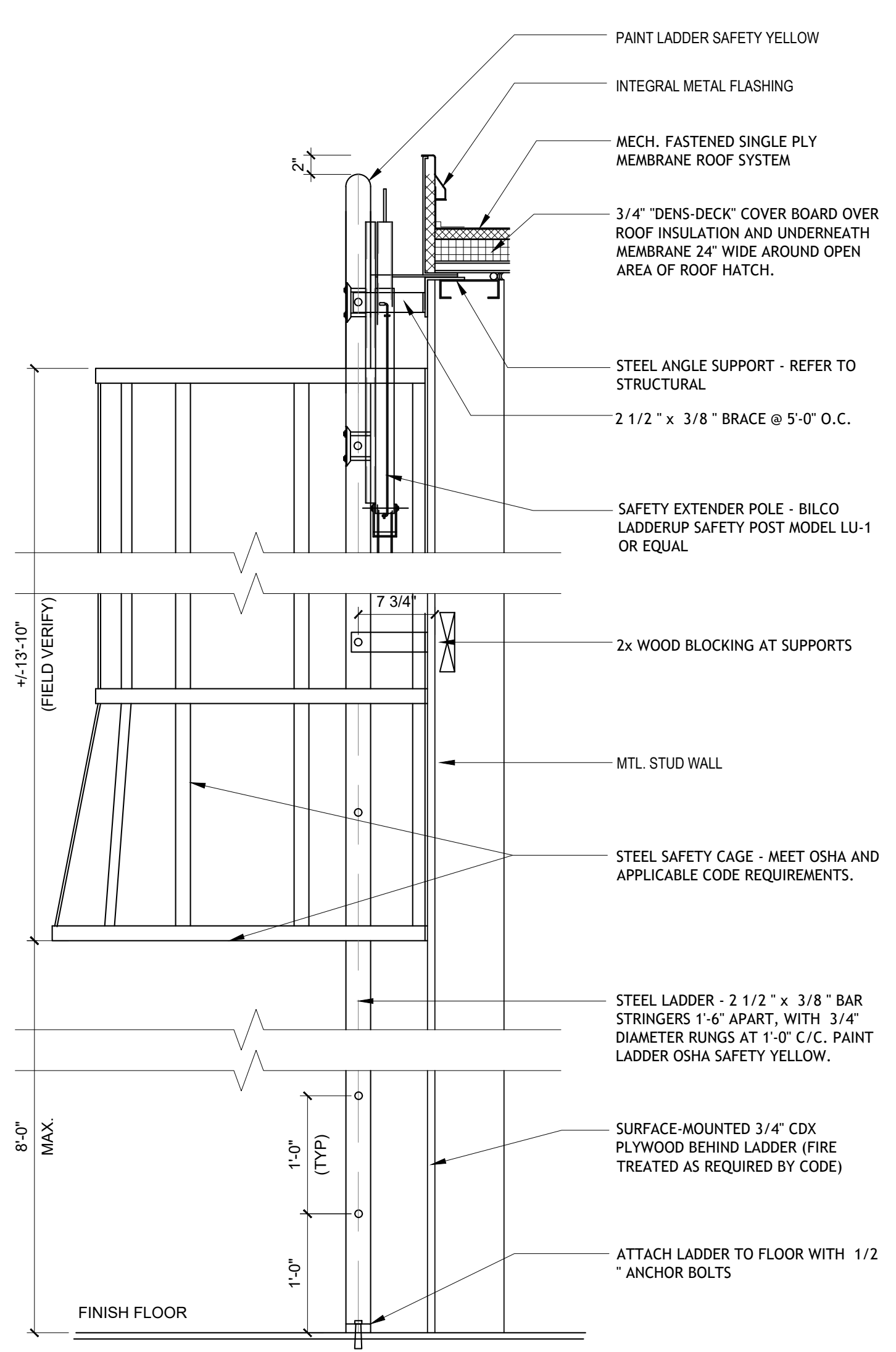
6 ROOF CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"



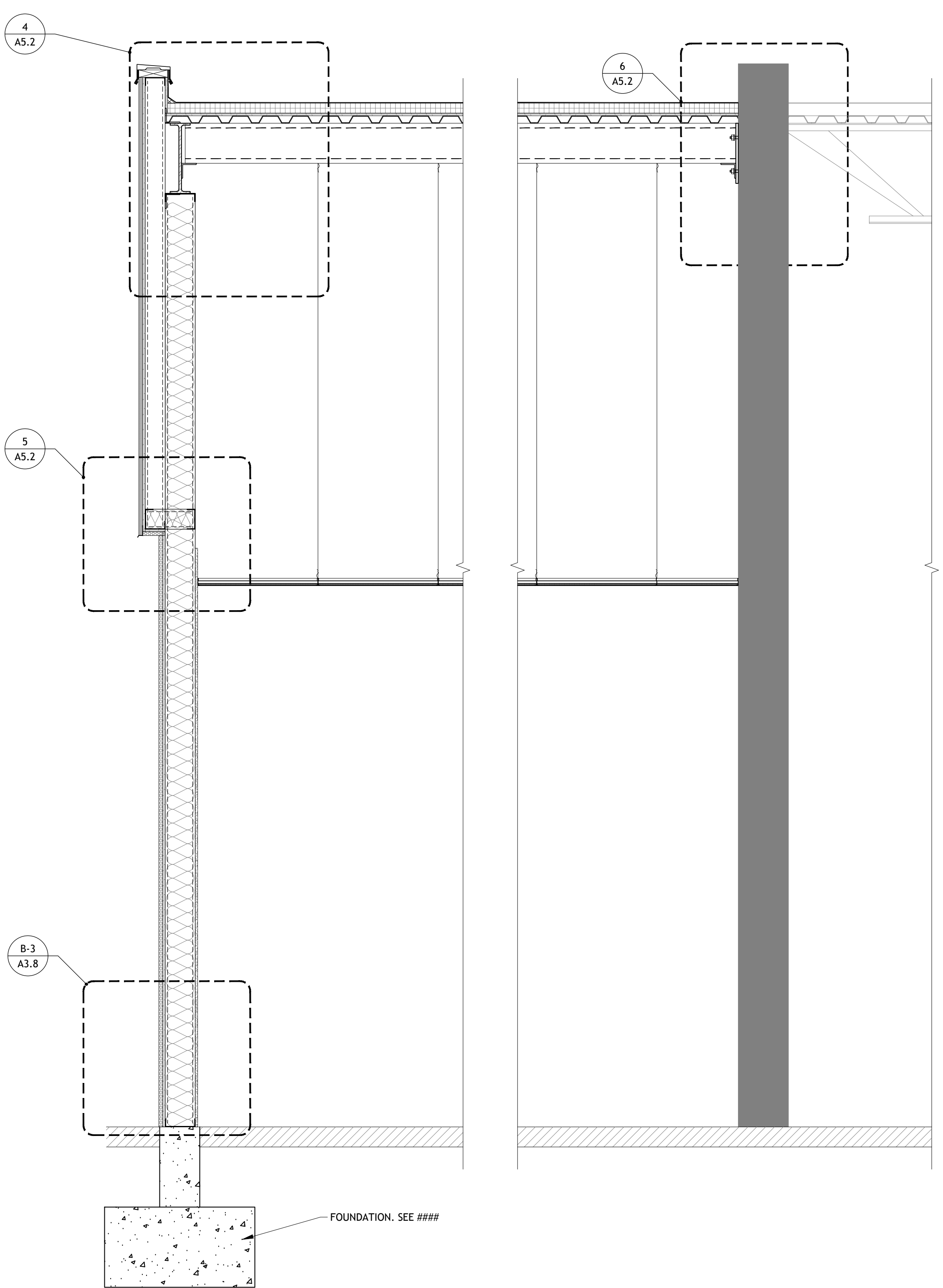
5 FACADE SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



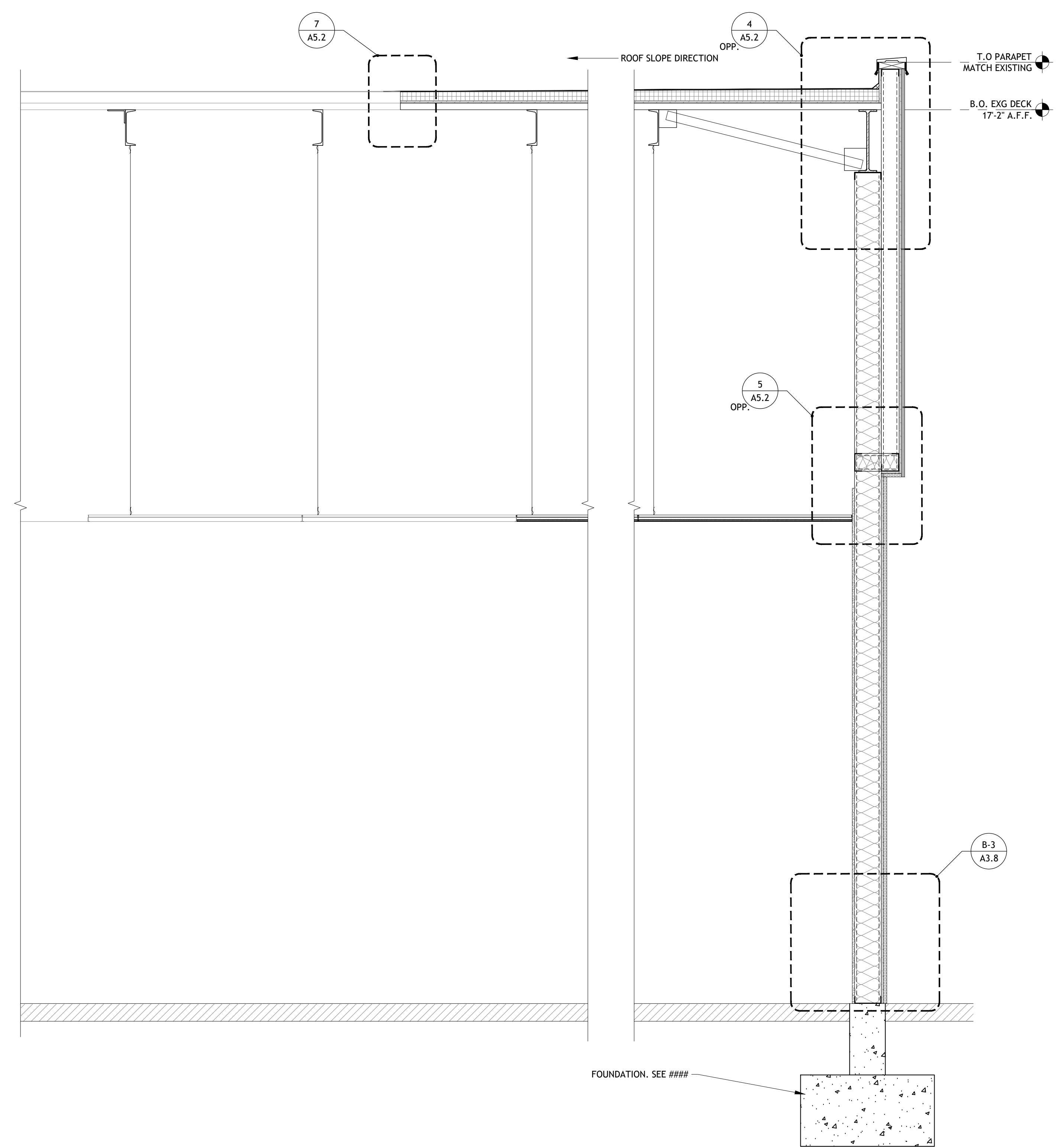
4 PARAPET DETAIL
SCALE: 1 1/2" = 1'-0"



3 ROOF LADDER DETAIL
SCALE: 1" = 1'-0"



2 NEW CART AREA WALL SECTION
SCALE: 3/4" = 1'-0"



1 NEW CART AREA WALL SECTION
SCALE: 3/4" = 1'-0"

PLUMBING FIXTURES		
MARK	DESCRIPTION	FITTING/NOTE
(DFA)	DRINKING FOUNTAIN - ACCESSIBLE - TWO LEVEL- W/ BOTTLE FILLER HALSEY TAYLOR HTHB-HACBLS-NF, ELKAY EZSTLRWSLK, OR OASIS PV8BPSL, STAINLESS STEEL FINISH	
(FDT)	FLOOR DRAIN - WADE 1100-TY-STD6-1-6 W/ WATTS A200 SERIES OR MIFAB M-500 SERIES TRAP PRIMER	
(HBE)	HOSE BIBB - EXTERIOR WADE W-8600 OR EQUAL W/ LOOSE KEY HANDLE MOUNTED @ 24" ABOVE FINISHED GRADE U.N.O.	
(MC)	FUSED GRANITE COUNTERTOP, SPLASHES & SKIRTS W/ UNDERCOUNTER MOUNTED LAVATORY (18 GA. BRUSHED NICKEL, ANCIRA #J-SV-14 BY C-TECH-1 WITH REAR DRAIN) FURNISHED & INSTALLED BY COUNTERTOP CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE & INSTALL WATTS A200 SERIES OR MIFAB M-500 SERIES TRAP PRIMER CONNECTED TO FLOOR DRAIN. ALL FITTINGS & ACCESSORIES FURNISHED & INSTALLED BY PLBG CONTRACTOR. COUNTERTOP COLOR - "UBA TURB" FUSED GRANITE	VIII, IX
(SC)	COUNTERTOP HAND SINK ACCESSIBLE ELKAY BPSR-15	XIV
(SH)	HAND SINK - ADVANCE 7-PS-90 (NO SUBSTITUTION)	X
(SJ)	JANITOR SINK KOHLER K-4710-0 W/ K-8940 COATED WIRE RIM GUARD & K-9146CP 3" NPT SINK STRAINER.	IV
(TD2)	TRENCH DRAIN - WADE W-2950-IC-1 W/ W-2950-1FT-EXT	
(UWF)	KOHLER K-4920-T-0 W/ SLOAN ROYAL 186 YB FLUSH VALVE LESS LEVER (NO SUBSTITUTES) W/ SLOAN OPTIMA SMO EBV-89-A-M SIDE MOUNT OPERATOR	
(WC)	WATER CLOSET - STANDARD - FLUSH VALVE KOHLER K-4405-0 W/ SLOAN ROYAL 111 YB FLUSH VALVE LESS LEVER W/ SLOAN OPTIMA SMO EBV-89-A-M SIDE MOUNT OPERATOR SUPPLY ROUGH-IN @ 25-1/2" AFF WHITE SEAT. OLSONITE 10CC OR CHURCH 295N5SC	
(WCA)	WATER CLOSET - ACCESSIBLE - FLUSH VALVE KOHLER K-4405-0 W/ SLOAN ROYAL 111 YB FLUSH VALVE LESS LEVER W/ SLOAN OPTIMA SMO EBV-89-A-M SIDE MOUNT OPERATOR SUPPLY ROUGH-IN @ 25-1/2" AFF WHITE SEAT. OLSONITE 10CC OR CHURCH 295N5SC	
(WH3)	WATER HEATER - STIEBEL-ELTRON DHC 3-1 TANKLESS WATER HEATER (ELECTRIC). SET TEMPERATURE FOR 113° F. MOUNT TO WALL BELOW COUNTER AS HIGH AS POSSIBLE	

FITTING TYPES	
MARK	DESCRIPTION
IV	MOP SINK FAUCET - MOUNTED 36" AFF T&S B-0667-RGH, CHICAGO 897, OR ELKER 749-1200.
VIII	LAVATORY FAUCET - ACCESSIBLE ZURN AQUASENSE Z6950-XL-S-CWB-MV FAUCET W/ GRID STRAINER DRAIN & ELJER 804-1180 P-TRAP. SET FOR 20 SECONDS RUN TIME MINIMUM.
IX	PROVIDE (1) LEONARD 210-SB MIXING VALVE @ HOT WATER SUPPLY BRANCH. LOCATE BEHIND 12"X12" ACCESS PANEL (PER SPECIFICATIONS).
X	PROVIDE COMPLETE W/ PACKAGE FAUCET & FITTINGS.
XIV	FAUCET - ELKAY LK-2223, T&S B-301 OR CHICAGO 50-CP, ELKAY LK-36 DRAIN & ELJER 804-1180 P-TRAP.

PLUMBING NOTES	
SUBSTITUTIONS - KOHLER & AMERICAN STANDARD ARE ACCEPTABLE AS EQUAL MANUFACTURERS TO ELKER. JOSAM AND ZURN ARE ACCEPTABLE AS EQUAL MANUFACTURERS TO WADE RUID IS ACCEPTABLE AS EQUAL MANUFACTURER TO A.O. SMITH NO OTHER MANUFACTURERS WILL BE CONSIDERED (UNO)	
PROVIDE CHROME-PLATED CAST BRASS TAILPIECE, P-TRAPS, ANGLE STOPS & ESCUTCHEONS - TYPICAL ALL SINKS & LAVATORIES	
ALL DRAINBOARDS SHALL BE INTEGRAL W/ SINK UNIT COORDINATE LOCATION FOR 2X WOLMANIZED BLOCKING WITHIN WALL (UNO) = UNLESS NOTED OTHERWISE	
CONTRACTOR IS RESPONSIBLE FOR ANY SCANNING AND/OR SURVEYING UNDERGROUND UTILITIES INSIDE AND OUTSIDE OF BUILDING PRIOR TO ANY CONCRETE CUTS OR REMOVAL OF DIRT. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES IF SCANS AND/OR SURVEYS ARE NOT COMPLETED PRIOR.	
CONTRACTOR IS RESPONSIBLE FOR JETTING ALL SANITARY SEWER LINES PRIOR TO SUBSTANTIAL COMPLETION OF PROJECT.	

SYMBOL LEGEND	
MARK	DESCRIPTION
(EFD)	FLOOR DRAIN - REFER: 07/A6.1 - SET TOP OF GRATE TO RECEIVE TILE @ SLOPED FLOORS
(TD2)	TRENCH DRAIN @ REFRIGERATED CASES REFER: 01/A6.1
(HD)	HUB DRAIN - 6" A.F.F. U.N.O.
(EHD)	HUB DRAIN - EXISTING TO REMAIN U.N.O.
(ETD)	TRENCH DRAIN - EXISTING TO REMAIN U.N.O.
(EFD)	FLOOR DRAIN - EXISTING TO REMAIN U.N.O.
(EFS)	FLOOR SINK - EXISTING TO REMAIN U.N.O.
(EPD)	PIT DRAIN - EXISTING TO REMAIN U.N.O.
(ECO)	CLEAN OUT DRAIN - EXISTING TO REMAIN U.N.O.
(O)	OPEN PIT - SIZE & ELEVATION AS NOTED ON PLAN - REFER: 03, 05, & 06/A6.1
(R)	REFRIGERATION SYSTEM NO.

NOTE: 2020, 2020, ETC. LABELS ON PLANS @ FDS
& FSS INDICATED THE SLAB BLOCK-OUT SIZES
OF 3'-0" X 3'-0", 2'-0" X 2'-0", ETC.

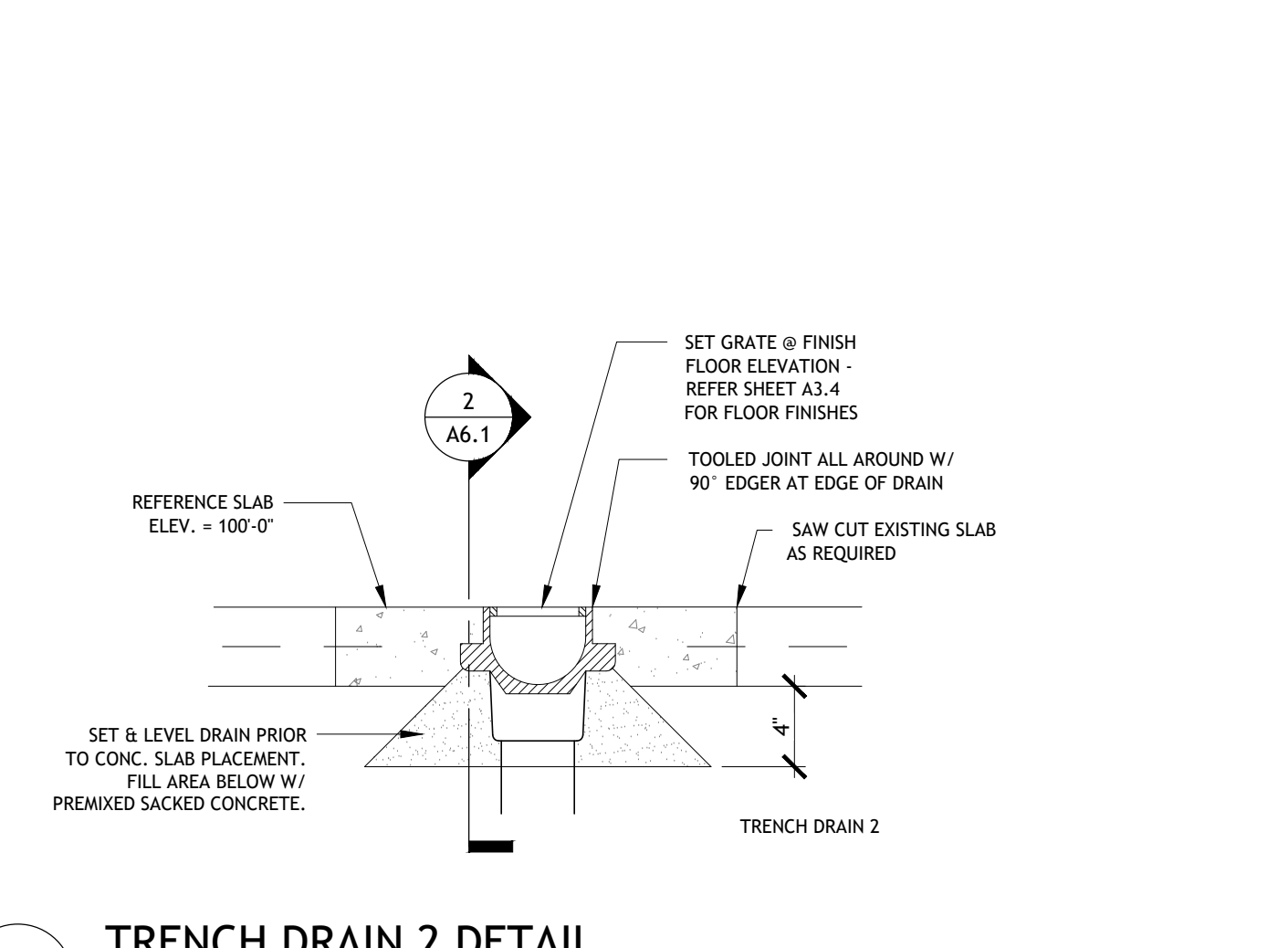
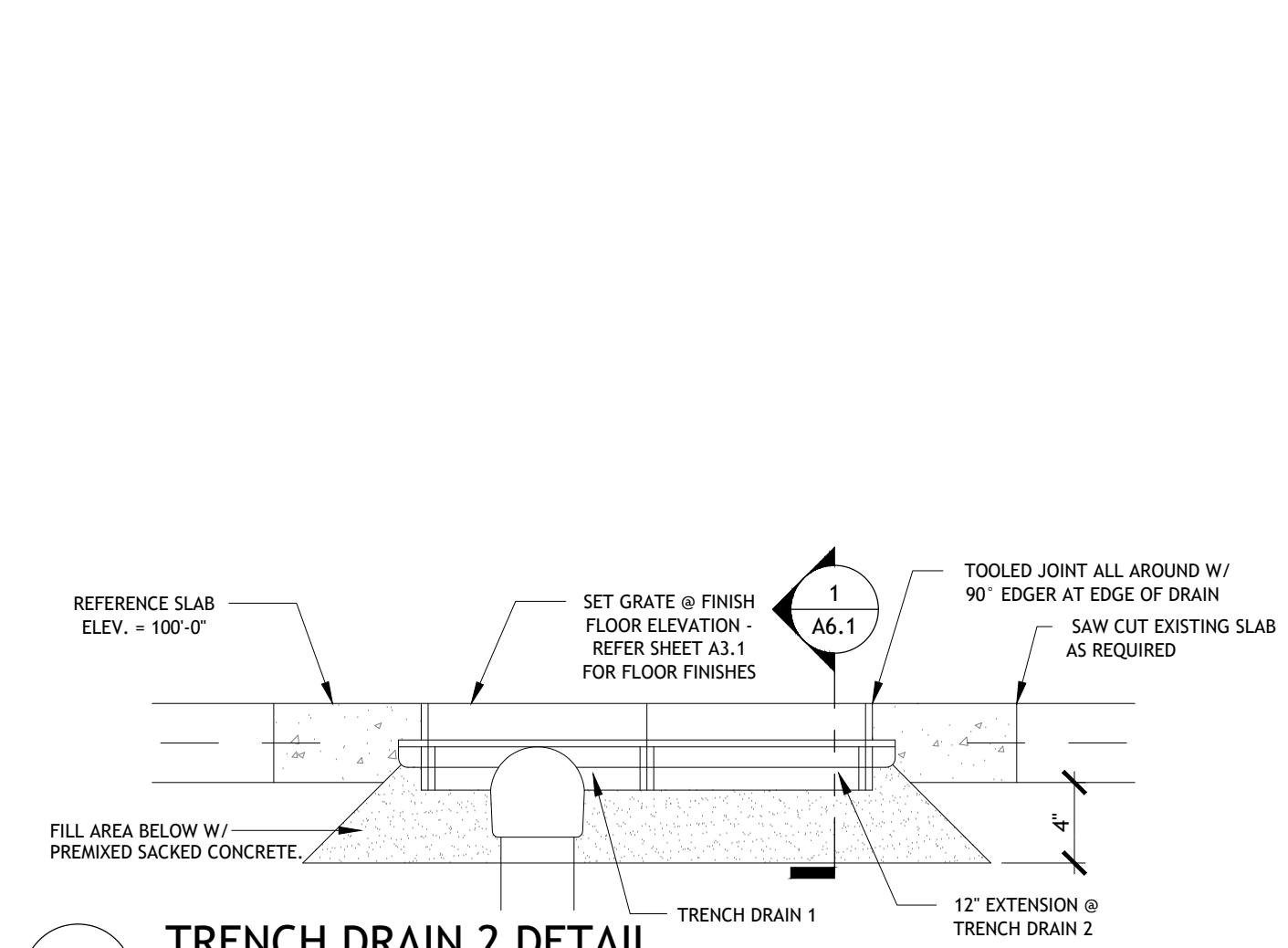
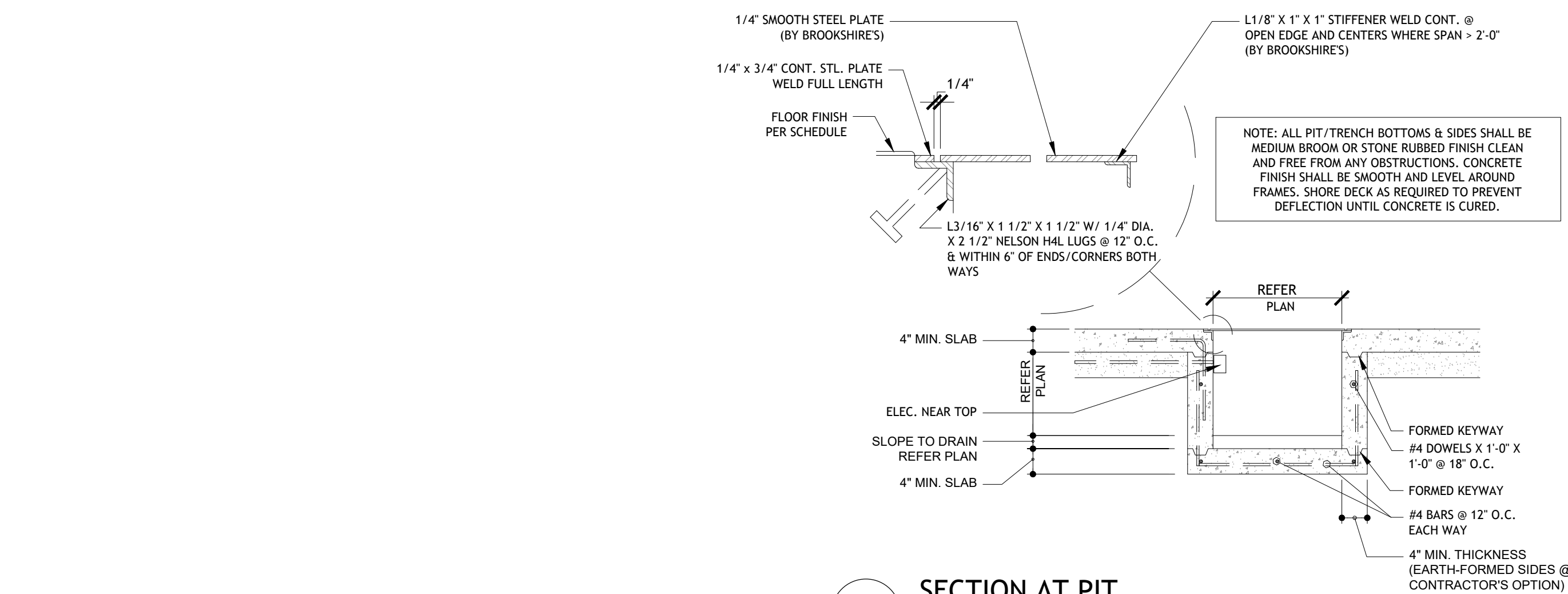
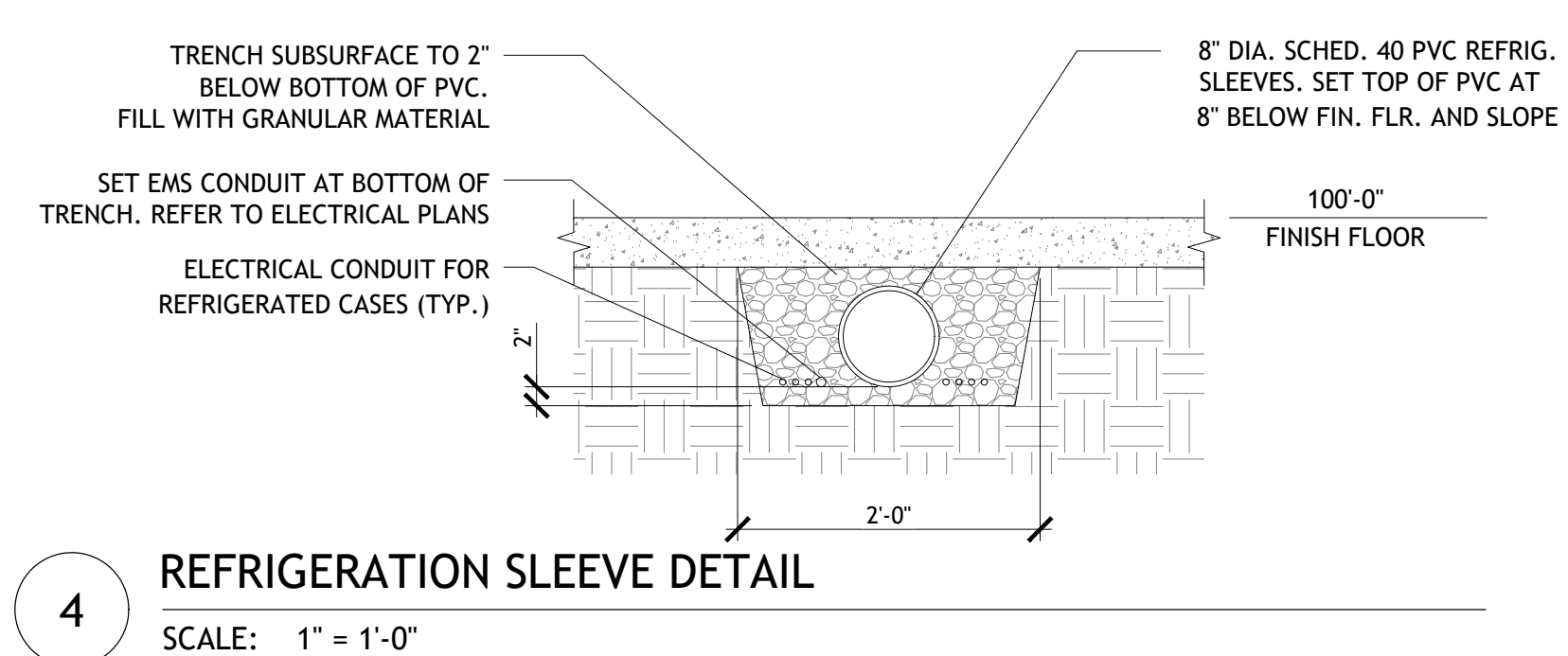
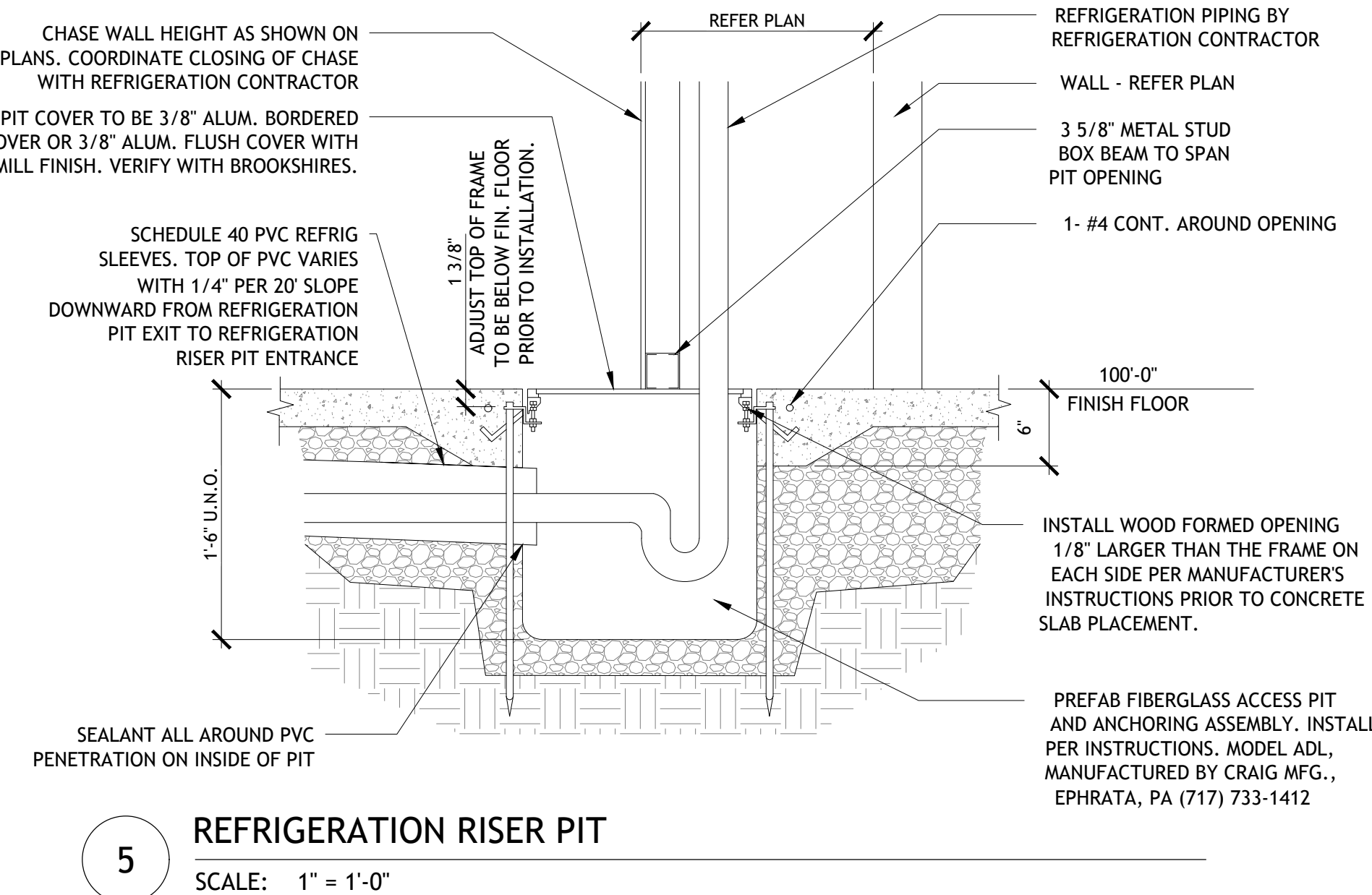
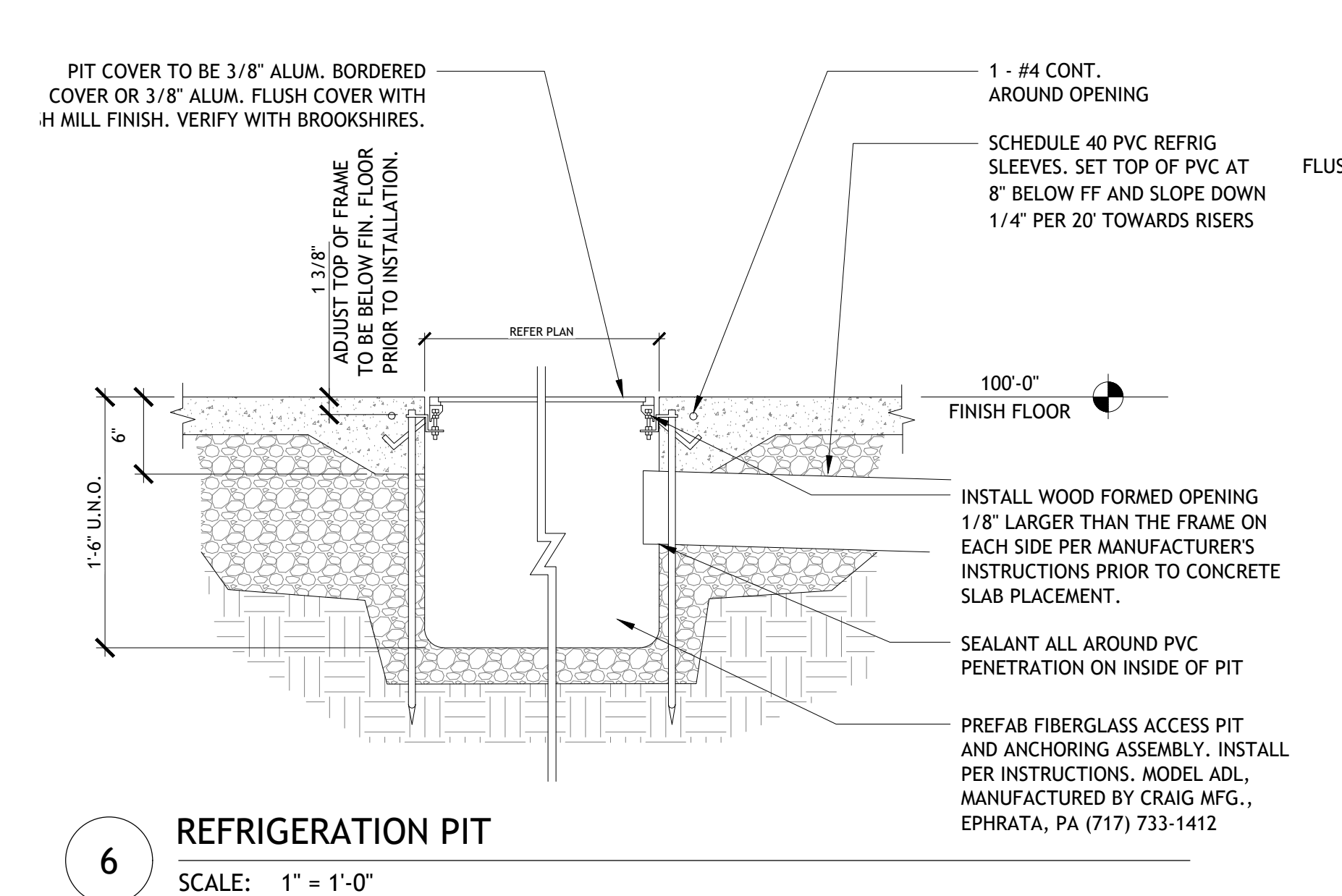
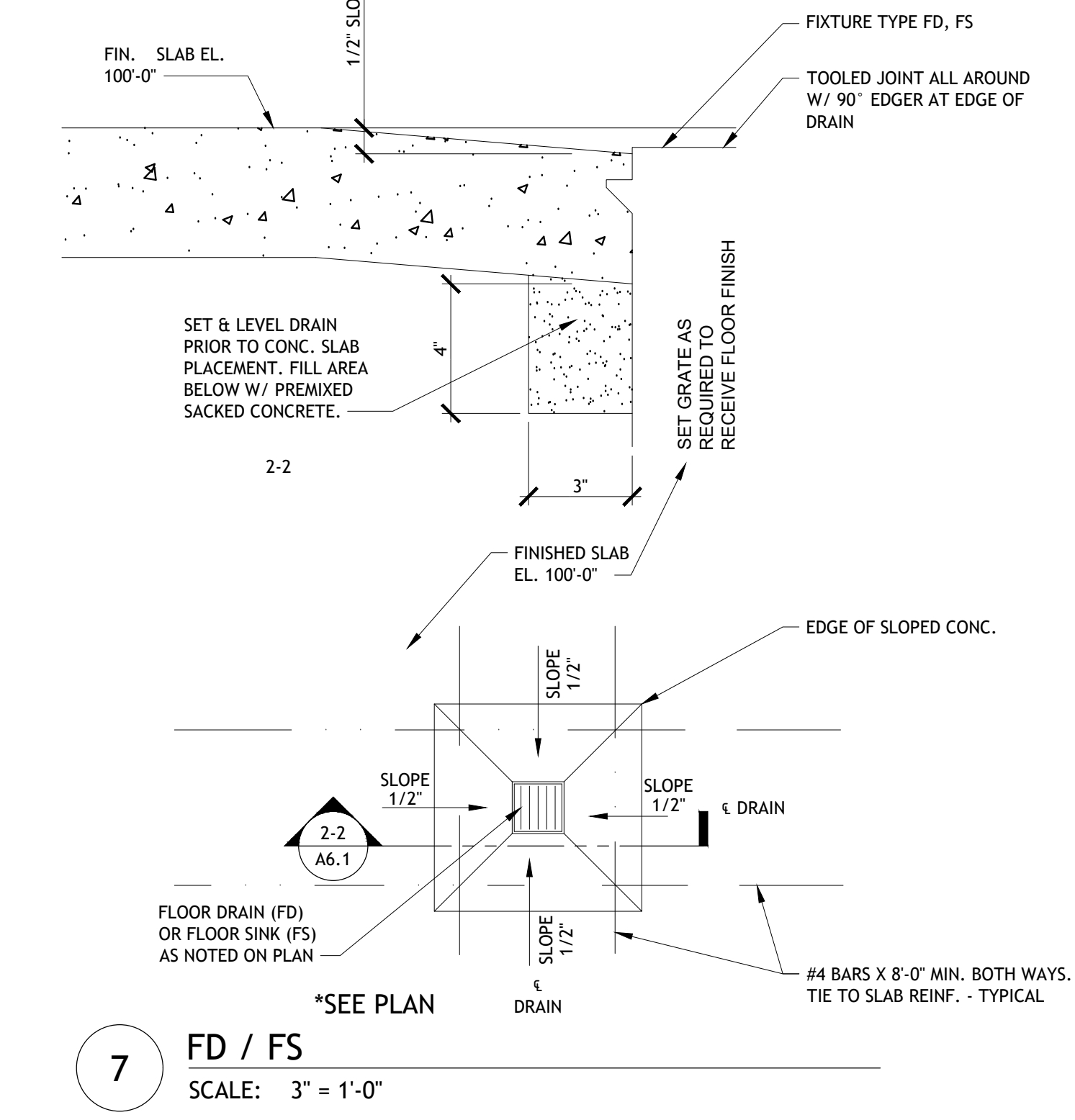
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612.547.1300
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ANGELA FEULNER
REGISTERED ARCHITECT
008725

Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR



BCC fs
BROOKSHIRE GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF

#906
LANGLEY, OK

REMODEL

Reason's

1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
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 CONSTRUCTION

DATE: **09/23**

PROJECT NO.: **4090600-0**

STORE NO.: **906**

SHEET NO.: **A6.1**

AS OF: 11/11/24

DEMO GENERAL NOTES

1. THESE DRAWINGS ARE FOR INTENT ONLY. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.
2. REMOVE ALL EXISTING APPLIED DECORATIVE GRAPHICS AND ASSOCIATED DECOR. EXISTING WALL ARE TO BE PREPPED FOR NEW PAINT.
3. PATCH AND REPAIR EXISTING WALLS TO MATCH SURROUNDING WALLS WHERE DEMOLITION OR REMOVAL OF ELEMENTS OCCURS.
4. TAKE PRECAUTIONS TO PROTECT ANY AREA NOT TO BE DEMOLISHED REPAIR ANY DAMAGED SURFACES SCHEDULED FOR NEW FINISH.
5. SHORE ANY LOAD BEARING STRUCTURE AS REQUIRED TO DEMOLISHED AREAS.

DEMO REFLECTED CEILING PLAN KEY NOTES

- 1 REMOVE PORTION OF EXISTING ACT CEILING. PREP SPACE FOR GYP. BD. CEILING
- 2 REMOVE EXISTING LIGHTING. TYP.
- 3 REMOVE LIGHTING AND GYP BD CEILING IN HATCHED AREA
- 4 REMOVE EXISTING LIGHTING AND RETAIN FOR RELOCATION. TYPICAL OF 5
- 5 REMOVE EXTERIOR LIGHTING FIXTURE
- 6 REMOVE EXIT SIGN
- 7 REMOVE AND REPLACE EXISTING LIGHTING. SEE REFLECTED CEILING PLAN
- 8 REMOVE PORTION OF PARAPET FOR INSTALLATION OF PROPOSED CANOPY
- 9 EXISTING SOFFIT TO REMAIN
- 10 REMOVE ACT CEILING TILE. AND PREP FOR NEW ACT.

DEMO LEGEND

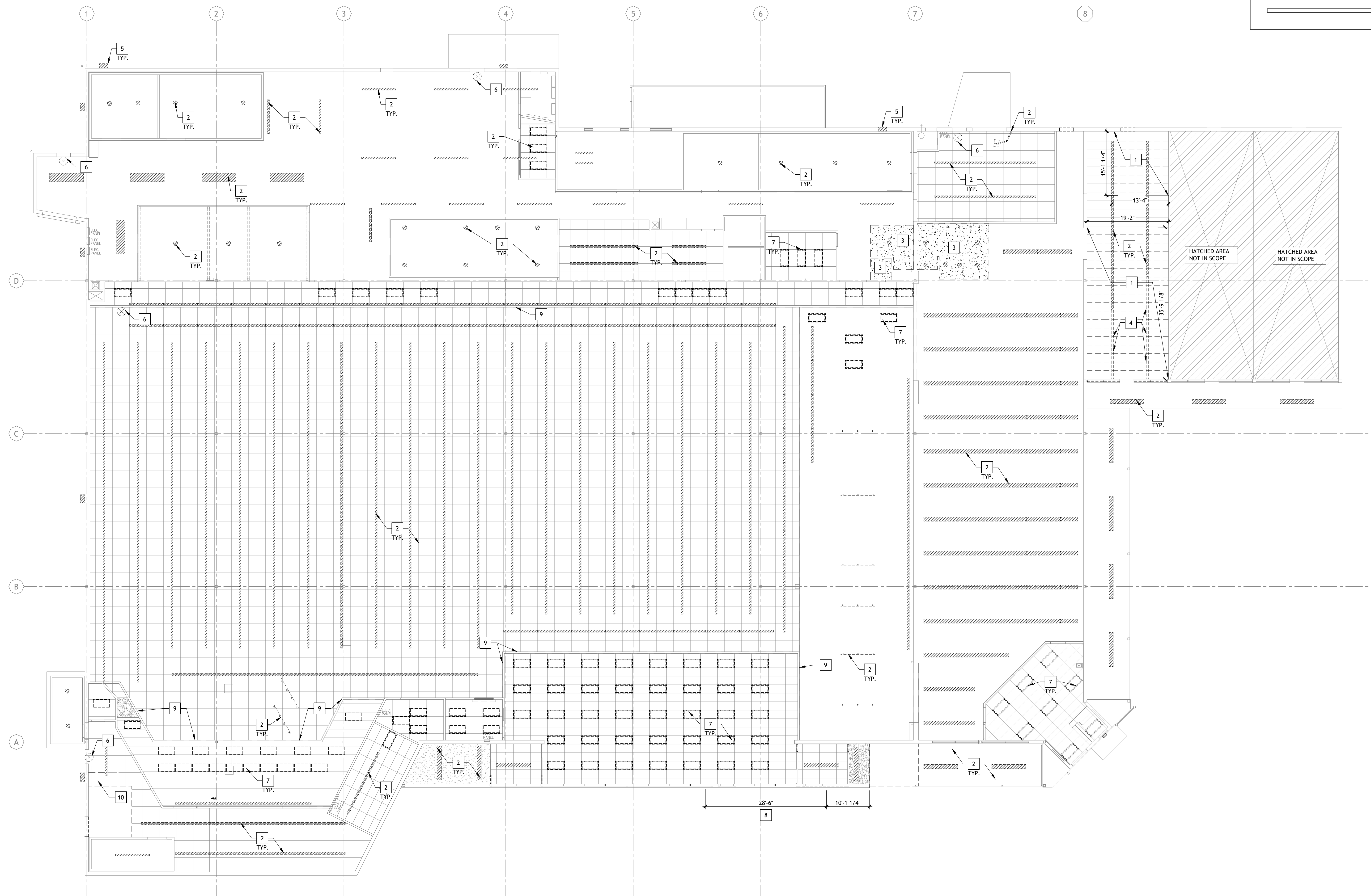
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING CEILING TO BE REMOVED

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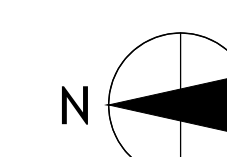
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DATE: **09/23**
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STORE NO.: **906**
SHEET NO.:

A7.0

AS OF: 11/11/24

1 DEMOLITION REFLECTED CEILING PLAN
SCALE: 3/32" = 1'-0"



GENERAL NOTES

1. REFER TO SHEET E2 FOR FIXTURES ON GENERATOR CIRCUIT
2. FIXTURES ON GENERATOR CIRCUIT SHALL NOT BE SWITCHED, U.N.O.
3. COORDINATE WORK W/ MECHANICAL & REFRIGERATION TRADES. NOTIFY REASER'S AT TRADE CONFLICTS.
4. ALL LIGHT FIXTURES SHALL BE FURNISHED BY REASER'S F.O.B. JOB SITE.
5. FIXTURE PLAN SHEET IS TO SET FIXTURES, COUNT AND LOCATION. SHEET E2 IS FOR CIRCUIT INFORMATION ONLY.
6. RECONNECT ALL REPLACEMENT LIGHT FIXTURES TO EXISTING ELECTRICAL CIRCUITS AS REQUIRED.
7. ELECTRICAL CONTRACTOR TO FURNISH ALL NECESSARY CONDUITS, WIRING ETC. FOR NEW "Y" LIGHT FIXTURES AS REQUIRED FOR COMPLETE INSTALLATION PER ELECTRICAL CODE.

REFLECTED CEILING PLAN KEYNOTES

- 1 PROVIDE GYP BD CEILING
- 2 PATCH/REPAIR EXISTING ACT CEILING TO MATCH EXISTING
- 3 REPAIR EXISTING CEILING TO LIKE NEW CONDITION
- 4 PROVIDE ACT CEILING
- 5 RELOCATED LIGHTS
- 6 PAINT EXISTING GREEN CEILING AREAS WITH PT-8 DRYFALL
- 7 PROVIDE VENTHOOD
- 8 CLEAN/PROCOAT CEILING

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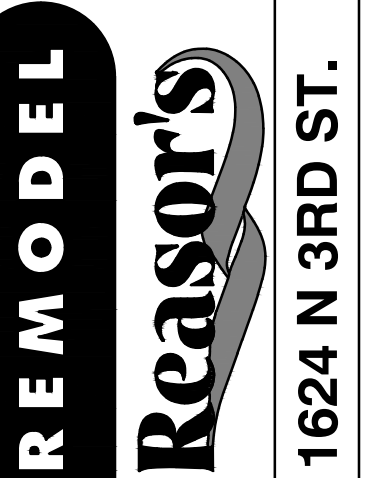


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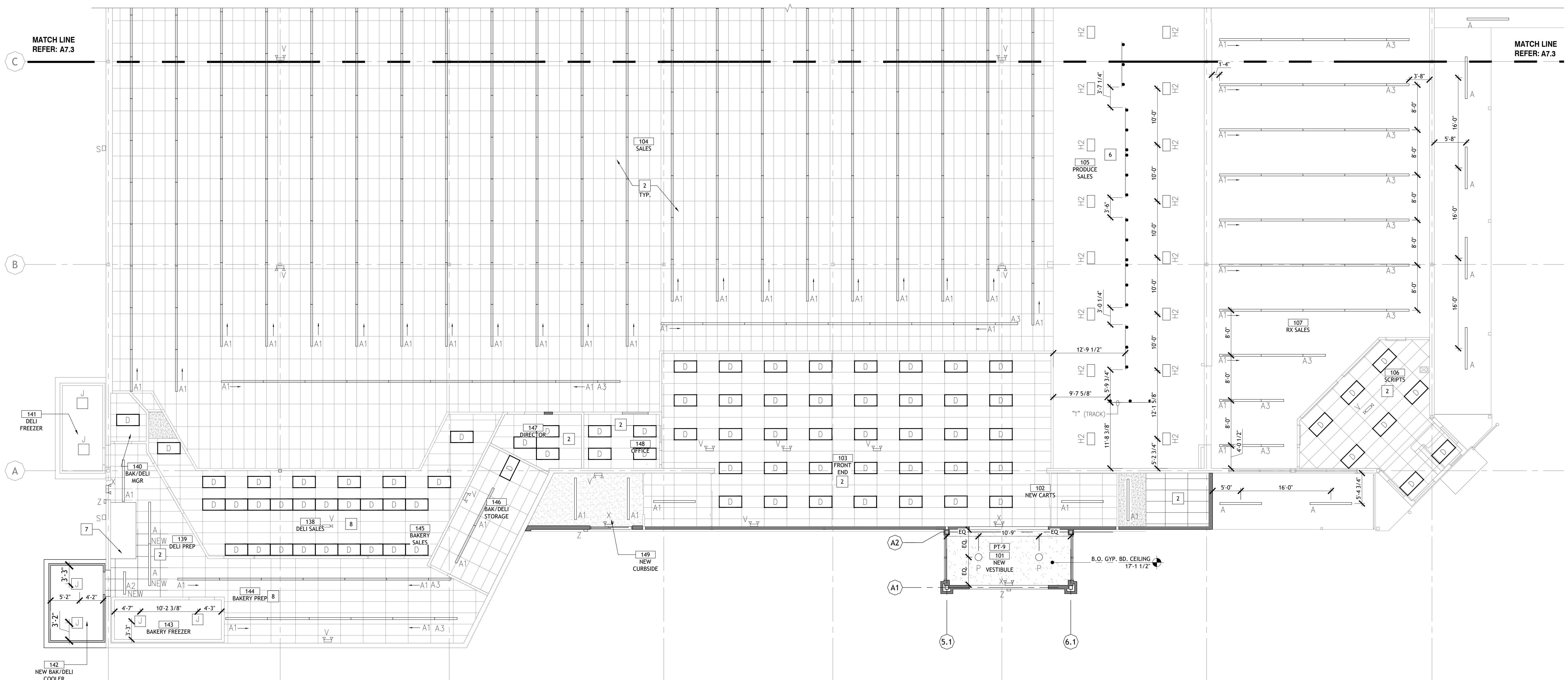
REVISION DESCRIPTION

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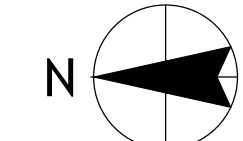
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DATE: **09/23**
PROJECT NO: **4090600-0**
STORE NO.: **906**
SHEET NO.: **A7.2**

AS OF: 11/11/24



1 ENLARGED REFLECTED CEILING PLAN WEST
SCALE: 1/8" = 1'-0"



GENERAL NOTES

- REFER TO SHEET E2 FOR FIXTURES ON GENERATOR CIRCUIT
- FIXTURES ON GENERATOR CIRCUIT SHALL NOT BE SWITCHED, U.N.O.
- COORDINATE WORK W/ MECHANICAL & REFRIGERATION TRADES. NOTIFY REASER'S AT TRADE CONFLICTS.
- ALL LIGHT FIXTURES SHALL BE FURNISHED BY REASER'S F.O.B. JOB SITE.
- FIXTURE PLAN SHEET IS TO SET FIXTURES, COUNT AND LOCATION. SHEET E2 IS FOR CIRCUIT INFORMATION ONLY.
- RECONNECT ALL REPLACEMENT LIGHT FIXTURES TO EXISTING ELECTRICAL CIRCUITS AS REQUIRED.
- ELECTRICAL CONTRACTOR TO FURNISH ALL NECESSARY CONDUITS, WIRING ETC. FOR NEW "Y" LIGHT FIXTURES AS REQUIRED FOR COMPLETE INSTALLATION PER ELECTRICAL CODE.

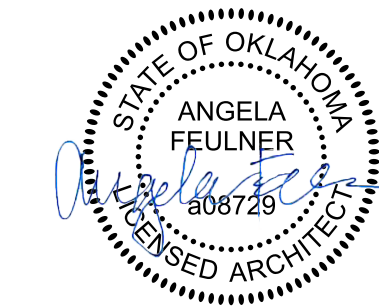
REFLECTED CEILING PLAN KEYNOTES

- PROVIDE GYP BD CEILING
- PATCH/REPAIR EXISTING ACT CEILING TO MATCH EXISTING
- REPAIR EXISTING CEILING TO LIKE NEW CONDITION
- PROVIDE ACT CEILING
- RELOCATED LIGHTS
- PAINT EXISTING GREEN CEILING AREAS WITH PT-8 DRYFALL
- PROVIDE VENTHOOD
- CLEAN/PROCOAT CEILING

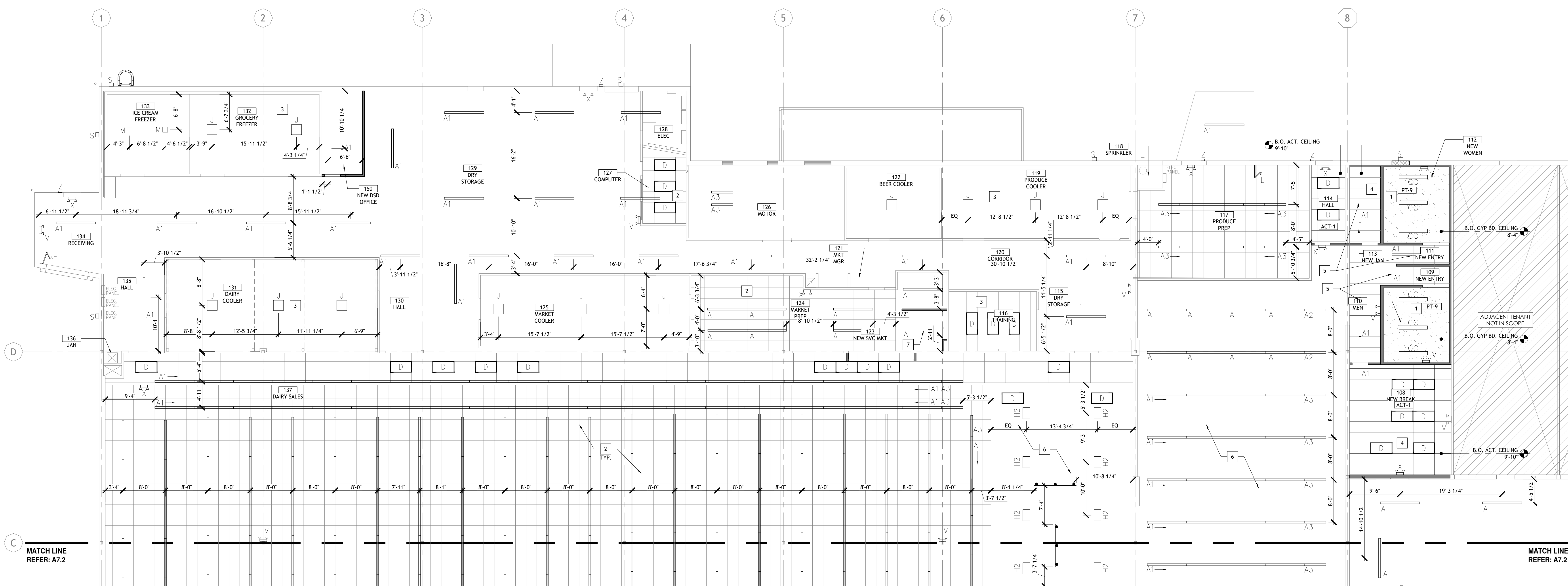
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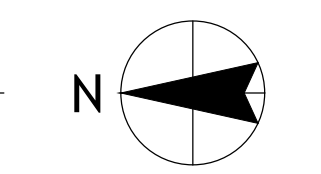
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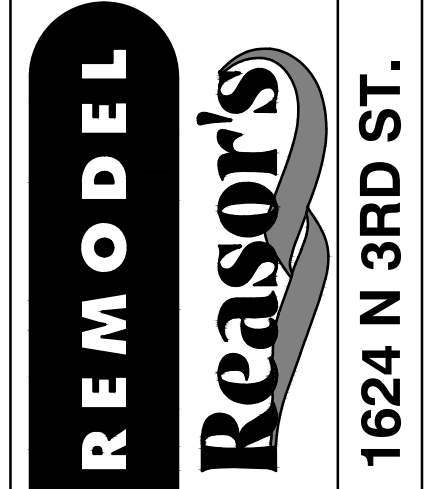


1 ENLARGED REFLECTED CEILING PLAN EAST
SCALE: 1/8" = 1'-0"



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<input type="checkbox"/> REVIEW	PROJECT NO. 4090600-0
<input type="checkbox"/> PERMIT	STORE NO. 906
<input type="checkbox"/> BIDDING	SHEET NO. A7.3
<input type="checkbox"/> CONSTRUCTION	

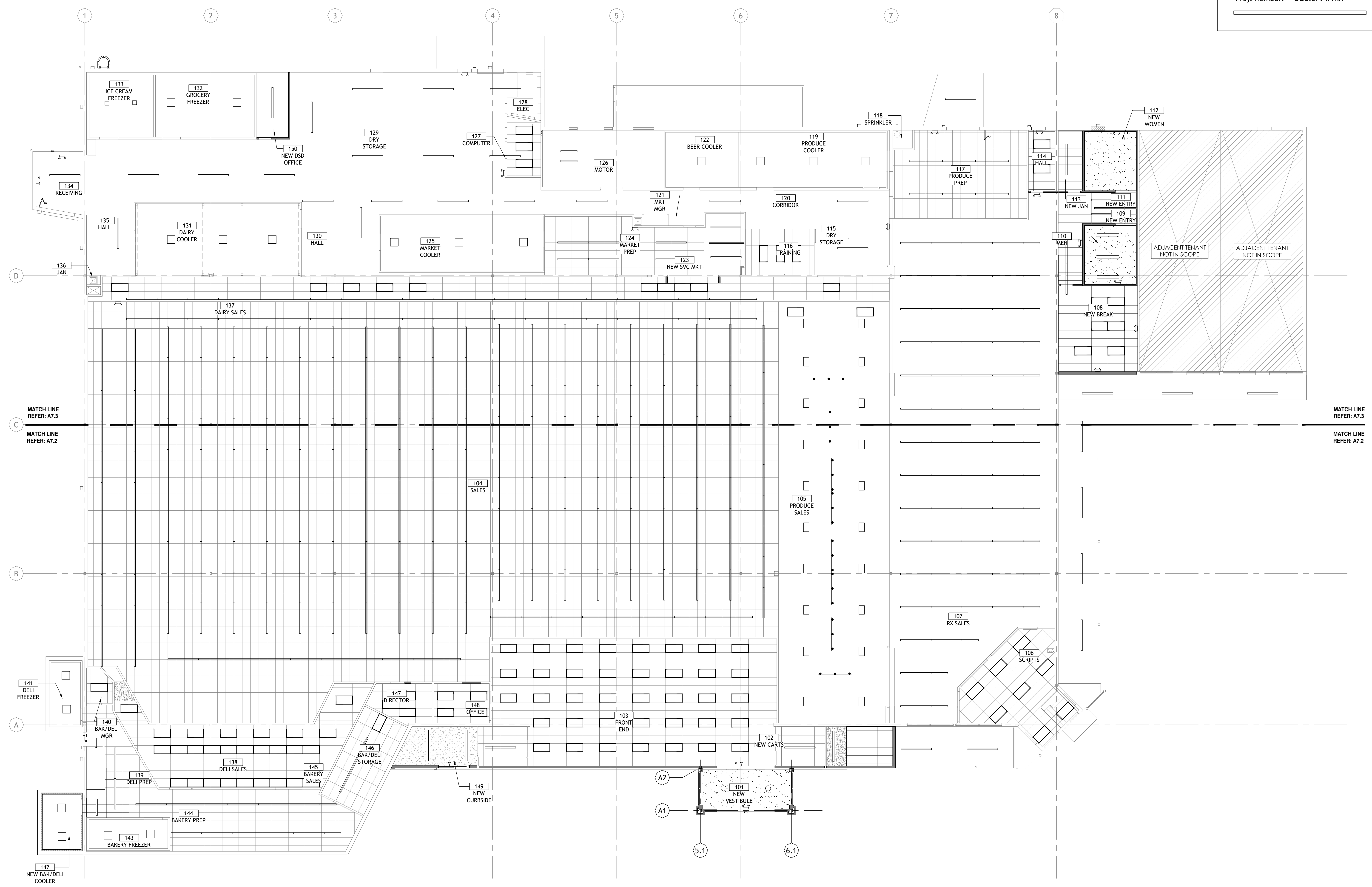
AS OF: 11/11/24
PROJECT NO. 4090600-0
STORE NO. 906
SHEET NO. A7.3

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1 OVERALL REFLECTED CEILING PLAN
SCALE: 3/32" = 1'-0"

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Reason's
1624 N 3RD ST.

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 CONSTRUCTION

DATE
09/23
PROJECT NO.
4090600-0
STORE NO.

906
SHEET NO.

A7.1

AS OF: 11/11/24

GENERAL NOTES

1. THESE DRAWINGS ARE FOR INTENT ONLY. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.
2. MOVE REFRIGERATION CASES AND GONDOLAS AS REQUIRED TO REPAIR MULTI-PLANE GYP. BD. SURFACES. ALL EXPOSED GYP. BD. SURFACES SHALL BE PAINTED AT REFRIGERATION CASES AND GONDOLAS LOCATED ALONG WALLS UNLESS NOTES OTHERWISE. REMOVAL OF EXISTING REFRIGERATION CASES AND GONDOLAS SCHEDULED TO REMAIN IS NOT REQUIRED SO AS TO PAINT THE ENTIRE WALL.
3. ALL WALLS ARE DIMENSIONED TO THE FACE OF THE STUD UNLESS NOTED OTHERWISE (U.N.O.)
4. CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING ELECTRICAL AND OTHER SYSTEM IN WALLS WITH LOCATIONS OF WALL-MOUNTED ACCESSORIES AND MILLWORK TO AVOID ANY CONFLICTS.
5. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION.
6. CONTRACTOR POSITION AND MOUNT ALL FIXTURES ACCORDING TO DIRECTIONS PROVIDED ON SHEET GZ.0
7. REFER TO PROJECT MANUAL FOR ITEM SPECIFICATIONS.
8. DO NOT SCALE DRAWINGS IF DIMENSIONS ARE IN QUESTION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT.
9. CONTRACTOR SHALL FILL AND PATCH ALL OPENINGS AND HOLES, SEAL AROUND ALL PIPES, DUCTS, ETC. AND ENSURE THE INTEGRITY OF ALL REQUIRED FIRE AND/OR SMOKE SEPARATIONS, IN ACCORDANCE WITH APPLICABLE CODES AND ORDINANCES PROVIDE MANUFACTURER PRODUCT DATA SHEETS FOR EACH PRODUCT APPLICATION INDICATING PROPER INSTALLATIONS REQUIREMENTS AND UL RATING
10. REMOVE PORTION OF PARAPET FOR INSTALLATION OF PROPOSED CANOPY

ROOF PLAN KEY NOTES

- 1 EXISTING ROOF TO REMAIN
- 2 EXISTING PARAPET TO REMAIN
- 3 EXISTING ROOF TOP EQUIPMENT TO REMAIN
- 4 PROPOSED METAL ROOF FOR VESTIBULE INDICATED WITH CROSS HATCH
- 5 PROVIDE OSHA COMPLIANT ROOF TOP LADDER, REF LADDER DETAIL.
- 6 PROVIDE CONDENSING UNIT. SEE MECHANICAL FOR ADDITIONAL INFO.
- 7 ROOF PENETRATION HOOD LOCATION

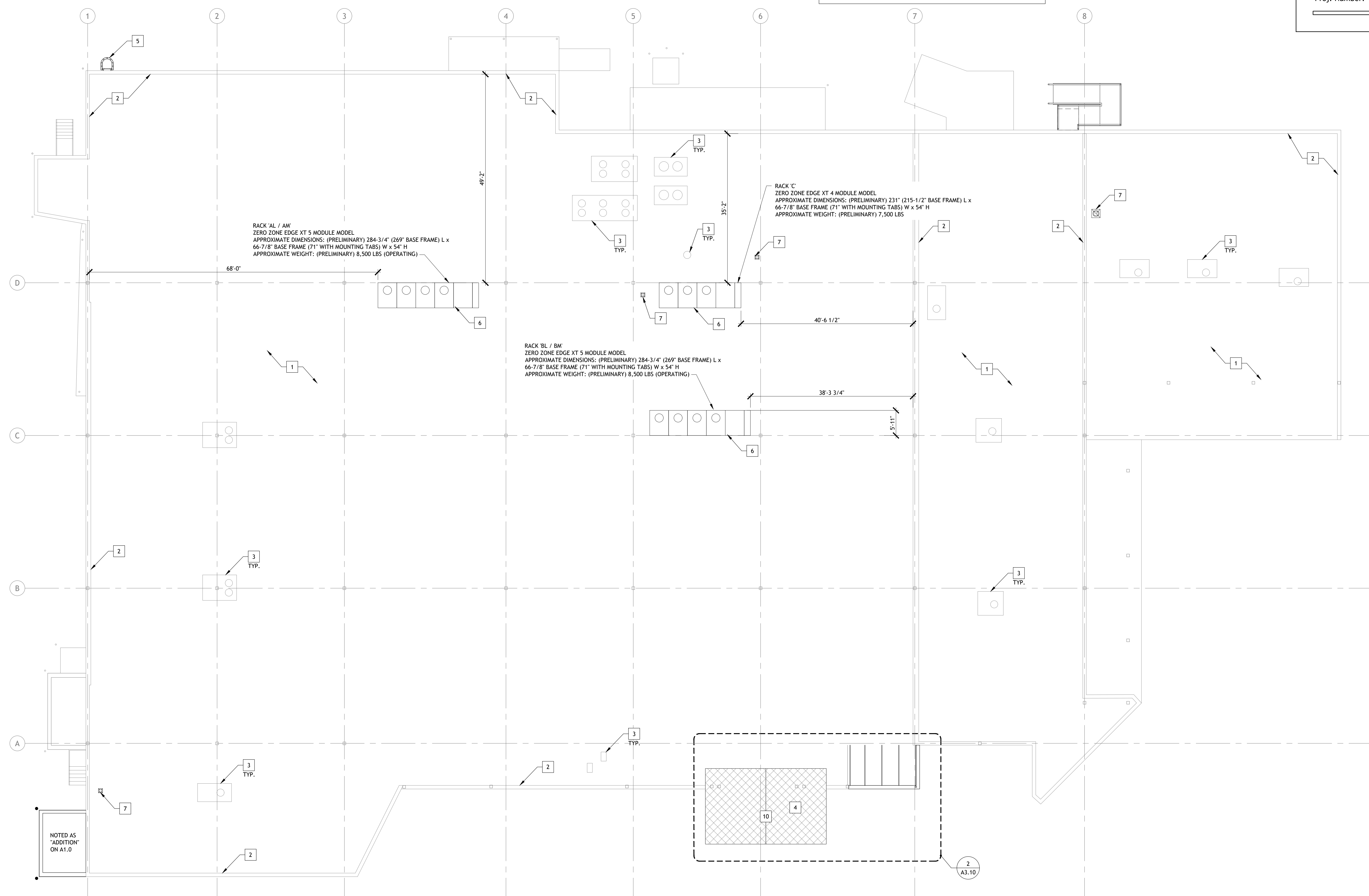
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RACK 'AL' / AM
ZERO ZONE EDGE XT 5 MODULE MODEL
APPROXIMATE DIMENSIONS: (PRELIMINARY) 284-3/4" (269" BASE FRAME) L x 66-7/8" BASE FRAME (71" WITH MOUNTING TABS) W x 54" H
APPROXIMATE WEIGHT: (PRELIMINARY) 8,500 LBS (OPERATING)

RACK 'BL' / BM
ZERO ZONE EDGE XT 5 MODULE MODEL
APPROXIMATE DIMENSIONS: (PRELIMINARY) 284-3/4" (269" BASE FRAME) L x 66-7/8" BASE FRAME (71" WITH MOUNTING TABS) W x 54" H
APPROXIMATE WEIGHT: (PRELIMINARY) 8,500 LBS (OPERATING)

RACK 'C'
ZERO ZONE EDGE XT 4 MODULE MODEL
APPROXIMATE DIMENSIONS: (PRELIMINARY) 231" (215-1/2" BASE FRAME) L x 66-7/8" BASE FRAME (71" WITH MOUNTING TABS) W x 54" H
APPROXIMATE WEIGHT: (PRELIMINARY) 7,500 LBS

NOTED AS
'ADDITION'
ON A1.0

1 ROOF PLAN
SCALE: 3/32" = 1'-0"



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Reason's
1624 N 3RD ST.

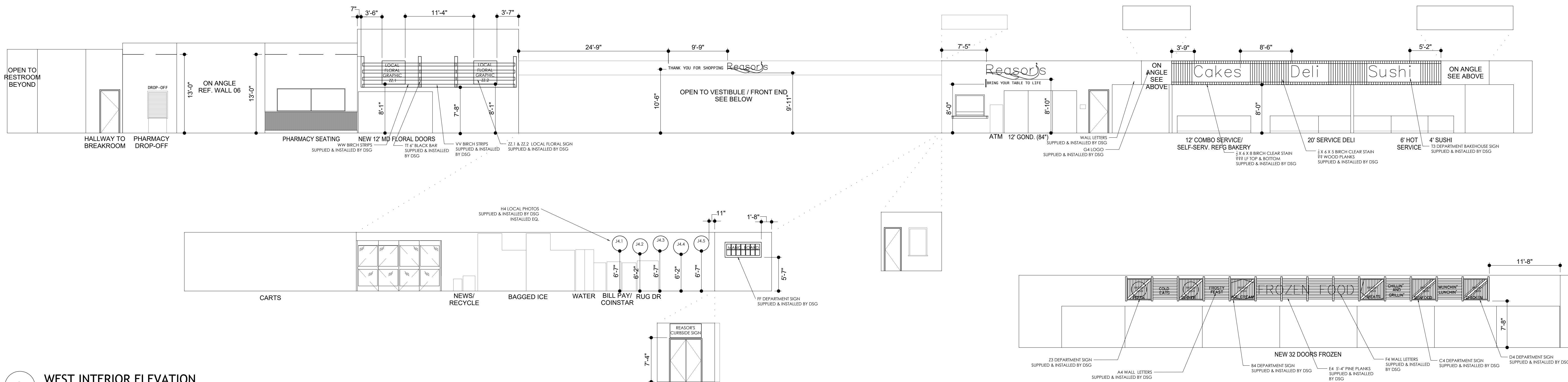
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STORE NO.
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SHEET NO.

A8.0

AS OF: 11/11/24



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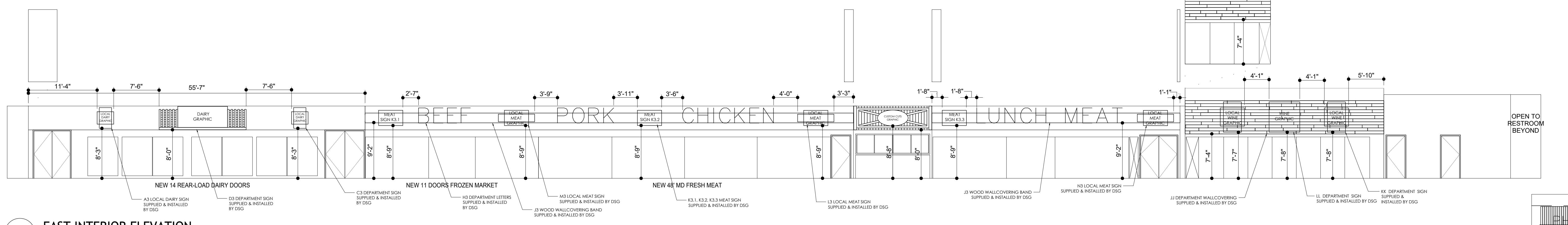
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ANGELA FEULNER
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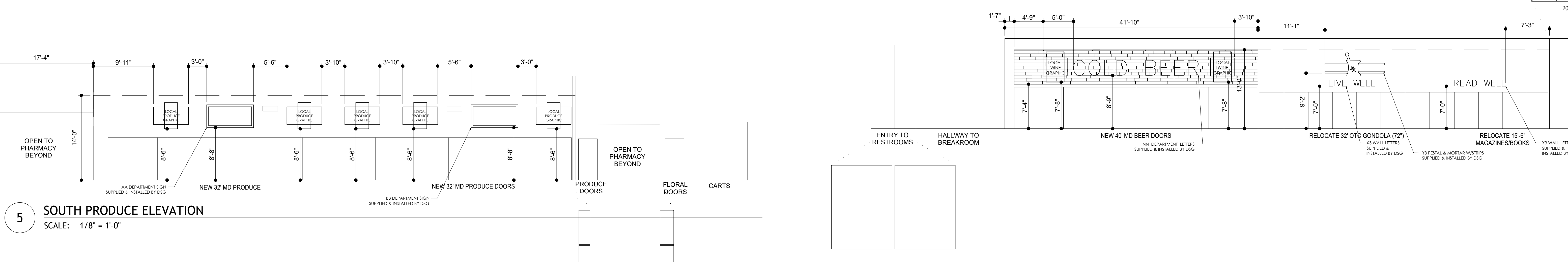
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2 WEST INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

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

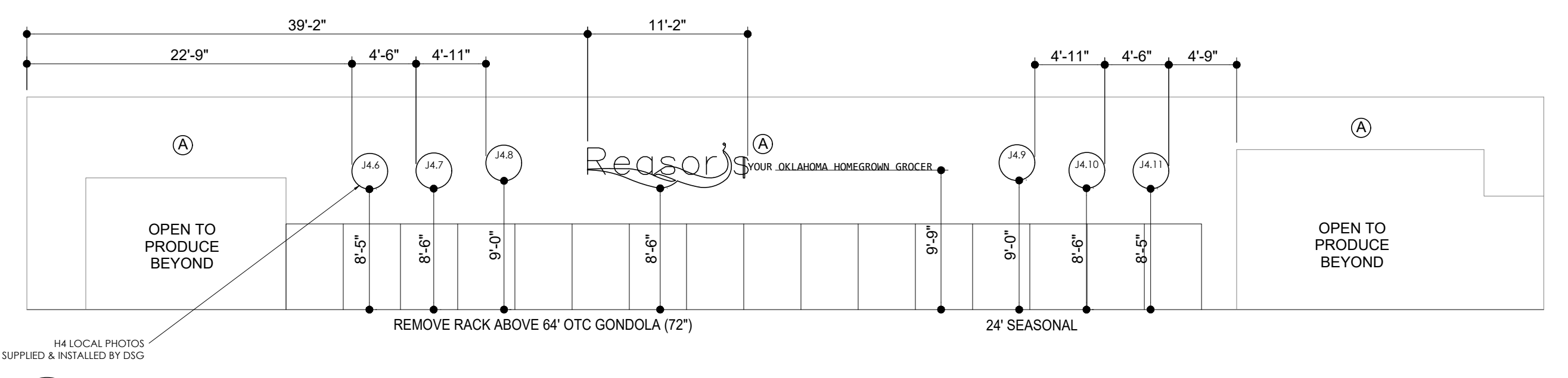


4 EAST INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

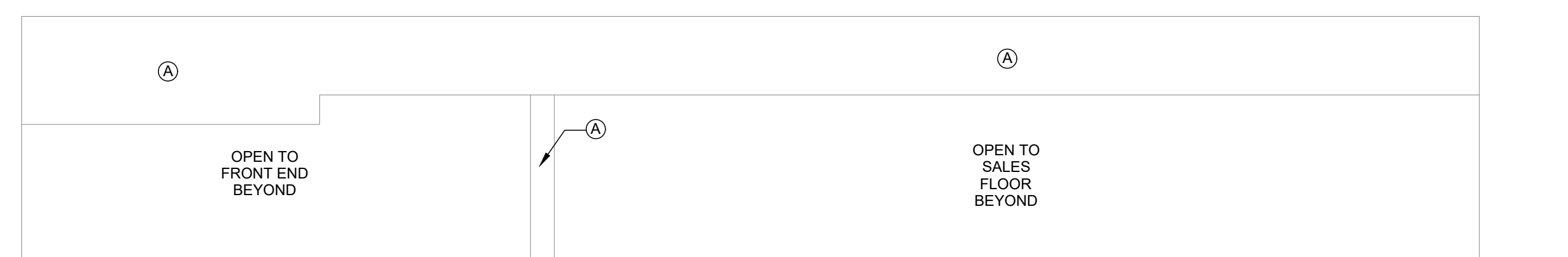


5 SOUTH PRODUCE ELEVATION
SCALE: 1/8" = 1'-0"

6 SOUTH PHARMACY ELEVATION
SCALE: 1/8" = 1'-0"



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

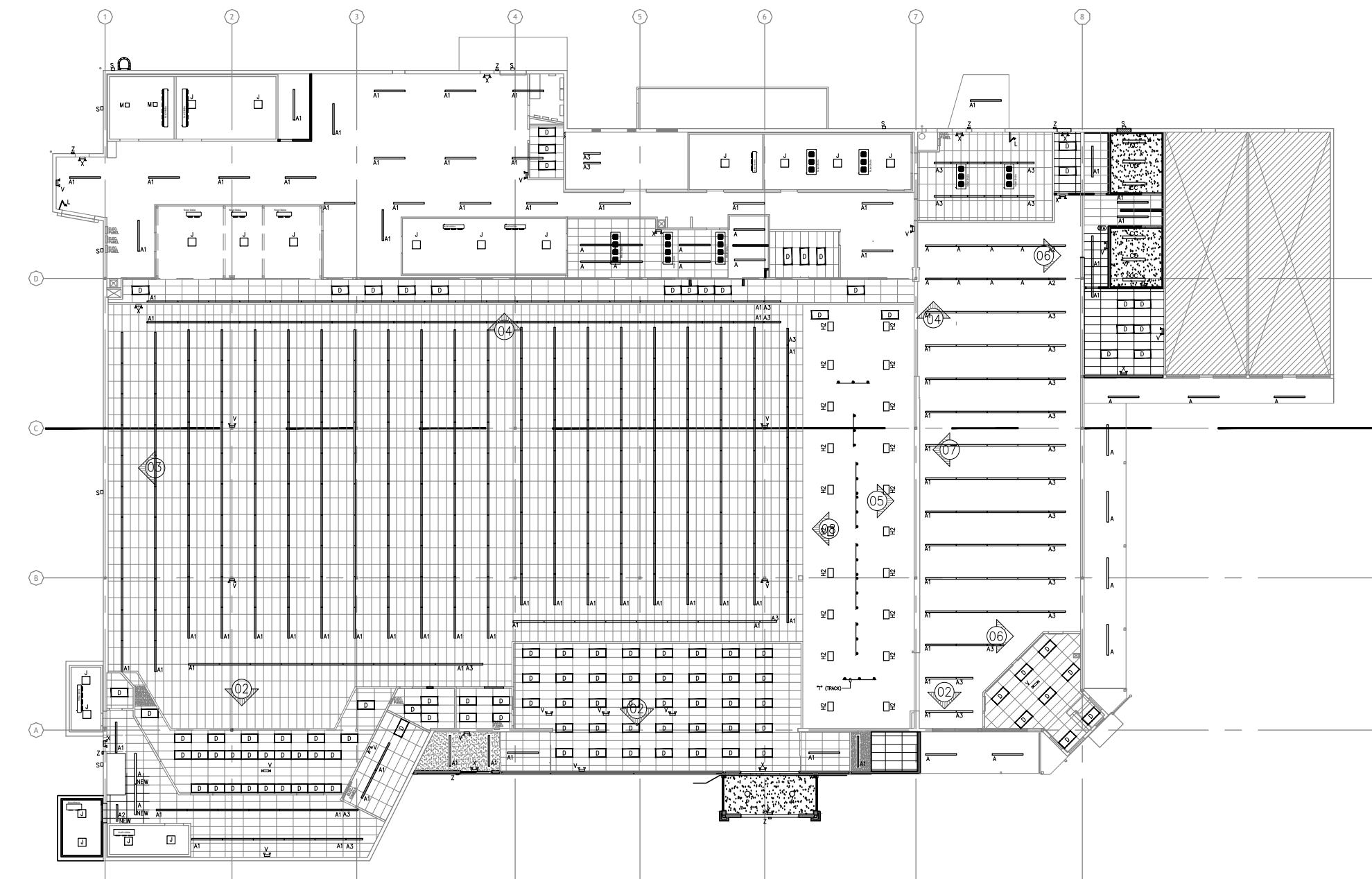


8 NORTH PRODUCE ELEVATION
SCALE: 1/8" = 1'-0"

FINISH MATERIALS	
Ⓐ	PAINT BM 0C-53 "HORIZON" FINISH "EGGSHELL"
Ⓑ	PAINT BM 1418 "ORIENTAL IRIS" FINISH "EGGSHELL"
Ⓒ	PAINT BM 2057-50 "TURQUOISE POWDER" FINISH "EGGSHELL"
Ⓓ	PAINT BM 2161-70 "WOODLAND SNOW" FINISH "EGGSHELL"
Ⓔ	PAINT BM 2155-30 "YELLOW MARIGOLD" FINISH "EGGSHELL"
Ⓕ	PAINT BM 2017-10 "ORANGE JUICE" FINISH "EGGSHELL"
Ⓖ	PAINT BM 546 "COURTYARD GREEN" FINISH "EGGSHELL"
Ⓗ	PAINT NOT USED
Ⓘ	PAINT NOT USED
Ⓚ	PAINT NOT USED
Ⓛ	PAINT NOT USED
Ⓜ	DALTILE ARTIGIANO AR86 "VENICE STATUE" 3X12 FINISH "POLISHED"
Ⓝ	DALTILE ARTIGIANO AR87 "MILIAN ARENA" 3X12 FINISH "POLISHED"
Ⓟ	DALTILE ARTIGIANO AR93 "ITALIAN ALPS" 3X12 FINISH "POLISHED"
Ⓠ	ANATOLIA MAYFAIR "STATUARIO VENATO" 24X24 FINISH "POLISHED"
Ⓡ	FORMICA FENIX J0718 "GRIGIO LONDRA"
Ⓢ	FORMICA 6998 "WOOD BRUSHSTROKE"
Ⓣ	FRP WALL PANEL SYSTEM MARLITE "S 490N LIGHT GREY"
Ⓤ	PAINT SW 7005 "PURE WHITE"
Ⓡ	FRP WALL PANEL SYSTEM MARLITE "S 100G WHITE"
Ⓢ	CORIAN SOLID SURFACE "DOMINO TERRAZZO"
Ⓣ	CEILING/STRUCTURE/UPPER WALLS PAINT-SW 6992 "INKWELL"
Ⓥ	FLOOR RESTROOMS TILE-ANATOLIA MAYFAIR "STATUARIO VENATO" 24X24 FINISH "MATTE"
Ⓦ	FORMICA 3245 "SMOKE" FINISH "MATTE"

LINE TYPE LEGEND	
— C.J. —	CONTROL JOINT
—	LIMITS OF FIXTURES
---	PAINT LINE
---	GIRTS

FINISH MATERIALS	
NOTES:	
1)	PAINT DOORS, TRIM, ETC. (A), (U), (N), (O).
2)	PAINT ALL EXPOSED SIDES OF FURROW DOWN THE SAME COLOR AS FURROW DOWN FACE.
3)	CHECKSTANDS TO BE (S) ON TOP ON BOTTOM & STAINLESS ON DECKS.
4)	PAINT COLUMNS (J), (N), (O).
5)	PAINT EXPOSED COLUMNS IN PREP AREAS (I).
6)	PAINT CYPRESS CEILINGS (I).
7)	FRP IN PREP AREAS TO BE CLEANED & REPAIRED AS NEEDED.
8)	PAINT ROOF DECK, EXPOSED STRUCTURE (U), (N), (O).
9)	PAINT WALLS IN ROOMS 101, 102, 108, 113, 114, 127, 147, 148, 149, 150 TO BE (A).
10)	FRP ON WALLS IN ROOM 123 TO BE (Z).
11)	PAINT ALL WALL GIRTS TO MATCH ADJACENT WALL COLOR.
12)	TOP LAMINATE IN ROOMS 108, 116, 148, 149, 150 TO BE (S).
13)	BOTTOM LAMINATE IN ROOMS 108, 116, 148, 149, 150 TO BE (Z).
14)	TILE ON WALLS IN ROOMS 108, 110, 111, 112 TO BE (G).



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

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903-579-0500

39,756 SF

#906
LANGLEY, OK

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PROJECT NO.
4090600-0

STORE NO.
906

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D1.0


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ELECTRICAL KEY NOTES

1 REMOVE EXISTING POWER IN ALL WALLS THAT WILL BE DEMOLISHED. REMOVE CONDUIT AND CIRCUITRY BACK TO J-BOX WHERE EXISTING CIRCUITRY IS TO REMAIN AND TERMINATE PER NEC. IF FED FROM A BREAKER AND TIED TO NO OTHER LOADS THEN REMOVE BACK TO BREAKER, TURN OFF BREAKER AND LABEL AS "SPARE". TYP.

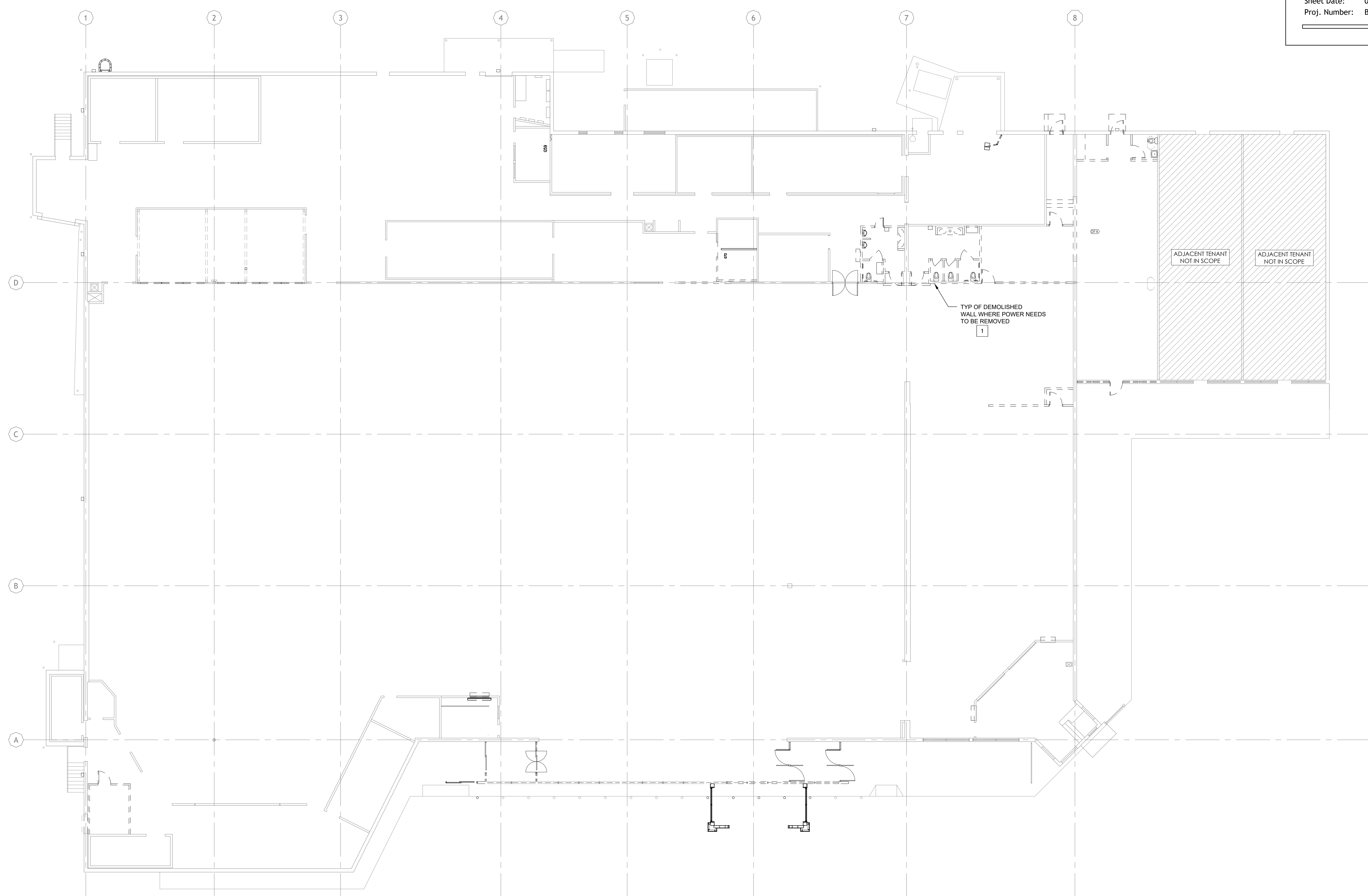
CORE STATES
GROUP

111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com

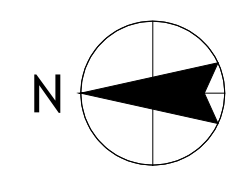


11/11/24

Drawn: K.NORBURY
Reviewed: K.CRAIG
Sheet Date: 03/05/24
Proj. Number: BGC.37947.RR



1 ELECTRICAL DEMO POWER PLAN
SCALE: 3/32" = 1'-0"



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ELECTRICAL SYMBOLS LEGEND

(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)

SYMBOL	DESCRIPTION
	LIGHT FIXTURE (WALL MOUNTED/CEILING MOUNTED)
	LIGHT FIXTURE
	LIGHT FIXTURE, NIGHT LIGHT
	VOLUMETRIC LIGHT FIXTURE
	TRACK LIGHTING
	EXIT FIXTURE (WALL MOUNTED/CEILING MOUNTED)
	EMERGENCY LIGHT (WALL MOUNTED/CEILING MOUNTED)
	EMERGENCY LIGHT REMOTE HEADS (WALL MOUNTED/CEILING MOUNTED)
	SINGLE POLE SWITCH
	3-WAY SWITCH
	4-WAY SWITCH
	KEYED SWITCH
	DIMMER SWITCH
	VARIABLE SPEED SWITCH
	MANUAL MOTOR SWITCH
	SINGLE POLE OCCUPANCY SENSOR SWITCH
	DOUBLE POLE OCCUPANCY SENSOR SWITCH
	OCCUPANCY SENSOR SWITCH, FOUR-DIRECTION SENSING
	OCCUPANCY SENSOR SWITCH, ONE-DIRECTION SENSING
	RECEPTACLE, DUPLEX
	RECEPTACLE, DUPLEX, MOUNTED HORIZONTALLY
	RECEPTACLE, GFI
	RECEPTACLE, DUPLEX FLUSH FLOOR
	RECEPTACLE, DUPLEX ISOLATED GROUND FLUSH FLOOR
	RECEPTACLE, DOUBLE DUPLEX
	RECEPTACLE, DUPLEX ISOLATED GROUND
	RECEPTACLE, DOUBLE DUPLEX, ISOLATED GROUND
	RECEPTACLE, SIMPLEX TWIST LOCK, L5-15R, UNO
	RECEPTACLE, SIMPLEX TWIST LOCK, ISOLATED GROUND, L5-15R, UNO
	RECEPTACLE, DUPLEX TWIST LOCK, L5-15R, UNO
	RECEPTACLE, DUPLEX TWIST LOCK, ISOLATED GROUND, L5-15R, UNO
	RECEPTACLE, SPECIAL
	RECEPTACLE, SIMPLEX
	RECEPTACLE, PLUG-MOLD
	JUNCTION BOX (WALL MOUNTED/CEILING MOUNTED)
	THERMOSTAT (WALL MOUNTED/CEILING MOUNTED)
	ALARM JUNCTION BOX (WALL MOUNTED/CEILING MOUNTED)
	ALARM JUNCTION BOX, FOR REMOTE TEST/RESET (WALL MOUNTED/CEILING MOUNTED)
	SMOKE DETECTOR
	NON-FUSED DISCONNECT
	FUSED DISCONNECT
	EQUIPMENT CONNECTION POINT (PROVIDED WITH EQUIPMENT)
	CIRCUIT, CONCEALED IN WALLS OR CEILING, E INDICATES EXISTING WIRING
	CIRCUIT, CONCEALED IN SLAB FLOOR, E INDICATES EXISTING WIRING
	CIRCUIT, EXPOSED, E INDICATES EXISTING WIRING
	LOW VOLTAGE WIRING
	CONDUIT SLEEVE
	FLUSH MOUNTED PANELBOARD
	SURFACE MOUNTED PANELBOARD
	TELEPHONE / DATA BOX FOR ISD
	LOW VOLTAGE CABLE BOX FOR OTHER
	TELEPHONE, FLUSH FLOOR
	MOTOR
	TELEPOWER POLE
	PUSH BUTTON
	BUZZER
	SAIL SWITCH JUNCTION BOX
	HORN / STROBE
	DOOR HOLD OPEN
	TIME CLOCK

ABBREVIATIONS

a, b, c LOWER CASE LETTERS INDICATE SWITCHING CONFIGURATION

AFF ABOVE FINISHED FLOOR
AFG ABOVE FINISHED GRADE
C CONDUIT
CCT CIRCUIT
CF CEILING FAN
CW CASH WRAP
EC ELECTRICAL CONTRACTOR
EF EXHAUST FAN
ETR EXISTING TO REMAIN
EWG ELECTRIC WATER COOLER
G GROUND
GC GENERAL CONTRACTOR
GFEP GROUND FAULT EQUIPMENT PROTECTION
GFI GROUND FAULT CIRCUIT INTERRUPTER
HD HAND DRYER
IG ISOLATED GROUND
LCU LIGHTING CONTROL UNIT
NL NIGHT LIGHT
NTS NOT TO SCALE
REC REFRIGERATION ELECTRICAL CONTRACTOR
RC REFRIGERATION CONTRACTOR
RH RADIANT HEATER
SC SECURITY CAMERA
TR TAMPER RESISTANT
TYP TYPICAL
UH UNIT HEATER
UNO UNLESS NOTED OTHERWISE
WH WATER HEATER
WP WEATHER PROOF
WR WEATHER RESISTANT

NOTES AND SYMBOLS

SCALE: NTS

GENERAL LIGHTING NOTES

- EXIT SIGN MOUNTING
 - WALL FIXTURE: CENTER 12" ABOVE DOOR OPENING.
 - CEILING FIXTURE: ON CEILING OR AT HEIGHT SPECIFIED ON DRAWINGS.
 - PENDANT FIXTURE: MATCH HEIGHT OF EXISTING PENDANT MOUNTED EXIT SIGNS. IF STORE DOES NOT HAVE PENDANT MOUNTED EXIT SIGNS, THEN PENDANT MOUNT SIGN 24" BELOW BOTTOM OF BAR JOIST.
 - COORDINATE HEIGHT WITH AHJ.
 - COORDINATE LOCATIONS OF EXIT SIGNS TO ENSURE STORE SIGNAGE DOES NOT OBSTRUCT THEIR VIEW.
 - THE USE OF TRITIUM BASED RADIOACTIVE EXIT SIGNAGE IS PROHIBITED.
- EMERGENCY LIGHT FIXTURE INSTALLATION
 - EXIT SIGNS, EMERGENCY LIGHTS AND NIGHT LIGHTS SHALL NOT BE SWITCHED.
 - MOUNTING
 - WALL FIXTURE: 12" BELOW FINISHED CEILING OR +10'-0" IN AREAS OF EXPOSED STRUCTURE, UNLESS NOTED OTHERWISE.
 - PENDANT FIXTURE: BOTTOM CHORD OF BAR JOIST OR AT HEIGHT SPECIFIED ON DRAWINGS.
 - REMOTE HEAD FIXTURE: HEADS CENTERED ABOVE DOOR OPENING +9'-0", UNLESS NOTED OTHERWISE AND BATTERY PACK MOUNTED ON INTERIOR SIDE OF WALL 12" BELOW FINISHED CEILING OR AT BAR JOIST IN AREAS OF EXPOSED STRUCTURE.
 - REFER TO MANUFACTURER'S WRITTEN INSTRUCTIONS. ALLOW BATTERY TO CHARGE CONTINUOUSLY FOR A MINIMUM OF 24 HOURS BEFORE INITIAL TESTING.
 - AFTER EMERGENCY LIGHT HAS BEEN POWERED DO NOT TURN OFF FOR EXTENDED PERIODS OF TIME.
- IN AREAS OF OPEN STRUCTURE, MOUNT STRIP FIXTURE TO BOTTOM CHORD OF BAR JOIST, UNLESS NOTED OTHERWISE.
- FIXTURES DENOTED WITH 'ABJ' ARE TO BE FASTENED ON UNISTRUT CHANNELS MOUNTED TO THE BOTTOM SIDE OF THE TOP CHORD OF BAR JOISTS. LOCATE THE FIXTURES RUNNING PERPENDICULAR TO BAR JOISTS WITHIN BAR JOISTS WEBBING SPACES. DO NOT FASTEN FIXTURE OR UNISTRUT CHANNELS TO ROOF DECK.
- CONTRACTOR SHALL PROVIDE ALL UNISTRUT AND HARDWARE NECESSARY TO SPAN BAR JOIST AS REQUIRED FOR A COMPLETE INSTALLATION OF THE LIGHTING SYSTEM.
- PROVIDE SEPARATE BOXES FOR GANGED SWITCHES ON SEPARATE BRANCH CIRCUITS.
- CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE INSTALLATION OF THE LIGHTING SYSTEM AS INDICATED ON PLANS AND/OR AS MODIFIED TO ACCOMMODATE EXISTING OBSTRUCTIONS. IDENTIFY CONFLICTS PRIOR TO ROUGH-IN. WHERE CONFLICTS WITH EXISTING UTILITIES OCCUR, ADJUST FIXTURE LOCATION AS REQUIRED. FIXTURES SHALL BE INSTALLED AS NEAR AS POSSIBLE TO LOCATIONS INDICATED ON PLANS.

OCCUPANCY SENSOR NOTES

- OCCUPANCY SENSORS IN RESTROOMS SHALL BE PROGRAMMED FOR AUTOMATIC ON AND MAXIMUM AVAILABLE TIME DELAY SETTINGS.
- OCCUPANCY SENSORS IN DELI, PRODUCE, AND BAKERY PREP AREAS SHALL BE PROGRAMMED WITH MAXIMUM AVAILABLE TIME DELAY SETTINGS.
- OCCUPANCY SENSORS IN WALK-IN COOLERS/FREEZERS SHALL BE LOW TEMPERATURE RATED AND CEILING MOUNTED WITH INCLUDED BRACKET. ADJUST AIMING FOR MAXIMUM COVERAGE, 10 MINUTE TIME DELAY.
- ALL OTHER OCCUPANCY SENSORS SHALL BE PROGRAMMED WITH THE MINIMUM AVAILABLE TIME DELAY SETTING UNLESS NOTED OTHERWISE.
- ALL SINGLE-POLE OCCUPANCY SENSORS SHALL BE PROGRAMMED FOR MANUAL ON LIGHTING CONTROL UNLESS NOTED OTHERWISE.
- ALL BI-LEVEL OCCUPANCY SENSORS SHALL BE PROGRAMMED FOR AUTOMATIC ON LIGHTING CONTROL FOR 50% OF FIXTURES AND WITH MANUAL ON MODE FOR REMAINING FIXTURES.
- WHERE TWO OCCUPANCY SENSORS ARE SHOWN IN THE SAME LOCATION WIRE FOR PARALLEL OPERATION.

GENERAL NOTES

- FURNISH AND INSTALL ALL MATERIALS, EQUIPMENT, AND LABOR FOR A COMPLETE INSTALLATION IN ALL RESPECTS. READY FOR INTENDED USE AND IN STRICT ACCORDANCE WITH NEC, NESC, STATE, AND LOCAL CODES, AND MANUFACTURER'S RECOMMENDATIONS. PAY ALL NECESSARY FEES AND PERMITS.
 - NO CIRCUITRY SHALL BE ALLOWED TO BE ROUTED ACROSS THE ROOF OR THE EXTERIOR SIDE OF THE EXTERIOR WALLS.
 - ALL EQUIPMENT SHALL BE UL LISTED WHERE APPLICABLE.
 - ARRANGE ALL WORK TO MINIMIZE DISRUPTIONS TO STORE OPERATIONS. COORDINATE ALL DISRUPTIONS WITH REASORS CONSTRUCTION MANAGER AND STORE MANAGER.
 - CONTRACTOR SHALL VERIFY ALL WALL FINISH THICKNESS BEFORE INSTALLING BOXES. FURNISH AND INSTALL EXTENDED BOXES OR BOX EXTENDERS WHERE REQUIRED.
 - CONTRACTOR SHALL VERIFY THAT ALL AFFECTED PANELBOARDS HAVE CIRCUIT BREAKER KNOCKOUTS PROPERLY COVERED AND ALL TRIM IS IN GOOD CONDITION, ALLOWING NO ACCESS TO LIVE PARTS.
- PROVIDE SEALS AT RACEWAY PENETRATIONS AS FOLLOWS:
 - FIRE RATED WALLS: SEAL PER SPECIFICATIONS FOR FIRE STOPPING.
 - NEUTRALIZATION AREA: SEAL PER MECHANICAL DETAIL C. FREEZER/COOLER BOXES: SEAL WITH EXPANDING FOAM SEALANT.
 - EXTERIOR: REFER TO ARCHITECTURAL DOCUMENTS FOR SEALING REQUIREMENTS AT ALL EXTERIOR MOUNTED DEVICES, FIXTURES, ENCLOSURES, AND RACEWAY PENETRATIONS.
- PROVIDE A SEPARATE EQUIPMENT GROUNDING CONDUCTOR (SIZE PER NEC) IN PVC TYPE CONDUIT. POWER AND LIGHTING CIRCUITS, ISOLATED GROUND CIRCUITS, OR AS SHOWN ON PLANS. CONDUIT SHALL BE SIZED PER NEC BASED ON THWN 600 VOLT COPPER SINGLE CONDUCTORS, PLUS THE EQUIPMENT GROUNDING CONDUCTOR.
- WIRING DEVICES: DEVICE MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO CENTER OF OUTLET BOX UNLESS NOTED OTHERWISE ON PLANS. COORDINATE THE STANDARD MOUNTING HEIGHTS WITH MASONRY.
 - SWITCHES +48"
 - RECEPTACLES +18"
 - VOICE/DATA +18"
- WIRING SHALL INCLUDE FINAL CONNECTION TO ALL EQUIPMENT IN CONFORMANCE WITH EQUIPMENT SUPPLIER WIRING DIAGRAMS.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN UPDATED AND COMPLETE TYPEWRITTEN CIRCUIT IDENTIFICATION SCHEDULE FOR EVERY PANELBOARD AFFECTED BY THIS PROJECT.
- NEW OVERCURRENT PROTECTIVE DEVICES INSTALLED IN EXISTING PANELBOARDS OR DISTRIBUTION BOARDS SHALL MATCH THE TYPE AND AIC RATING OF EXISTING OVERCURRENT PROTECTIVE DEVICES.
- BRANCH CIRCUIT CONDUCTORS SHALL BE MINIMUM #12 AWG UNLESS NOTED OTHERWISE IN SCHEDULES. WHERE 20A BRANCH CIRCUITS HAVE #8 AND LARGER WIRE SPECIFIED, #10 AWG WIRE SHALL BE USED FOR THE FINAL CONNECTION (15-FT MAXIMUM).
- WHERE BRANCH CIRCUITS ARE GROUPED, SIZE CONDUIT AND DERATE CURRENT CARRYING CAPACITY PER NEC.
- PROVIDE UL LISTED HANDLE TIES ON ALL MULTIWIRE BRANCH CIRCUITS PER NEC REQUIREMENTS.
- SUPPORTS FROM STRUCTURE: NO ATTACHMENT OF ANY TYPE SHALL BE MADE TO BRIDGING OR JOIST WEB MEMBERS. UTILIZE ONLY THE TOP AND BOTTOM CHORDS FOR SUPPORTING THE ELECTRICAL SYSTEM INSTALLATIONS.
- SURFACE MOUNTED CONDUIT ON COOLER/FREEZER PANELS OR IN FOOD PREP AREAS SHALL BE INSTALLED WITH GALVANIZED 1/2" STANDOFF CONDUIT HANGERS TO ALLOW FOR CLEANING.
- ONLY FEEDER CIRCUITS NOTED ON THE ONE LINE DIAGRAM AND BRANCH CIRCUITS NOTED BY LEGEND SHALL BE INSTALLED UNDER SLAB. PROVIDE EXTERIOR COATED GRC BENDS ON ALL CONDUIT RUNS THAT HAVE 45 DEGREE BENDS OR GREATER. REFER TO SPECIFICATION SECTION 16.100 FOR UNDER SLAB.
- EXISTING ELECTRICAL AND ALARM
 - WHERE DEMOLITION OR NEW CONSTRUCTION INTERRUPTS EXISTING ELECTRICAL CIRCUITS FEEDING EXISTING EQUIPMENT, DEVICES, OR LIGHTING TO REMAIN, BUT NOT SHOWN ON DRAWINGS, PROVIDE LABOR AND MATERIALS TO REWORK CIRCUITRY, AS REQUIRED, TO MAINTAIN EXISTING OPERATION.
 - IF DEMOLITION OR NEW CONSTRUCTION WILL DISRUPT EXISTING UNDERGROUND SERVICES (ELECTRICAL, TELEPHONE, PARKING LOT LIGHTING CIRCUITRY, ETC.) PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO REROUTE, SLEEVE, OR OTHERWISE REWORK THESE SERVICES TO MAINTAIN THEIR EXISTING OPERATION.
 - EXERCISE CAUTION AROUND ALARM AND SECURITY CABLES DURING DEMOLITION AND CONSTRUCTION. PROTECT ALARM AND SECURITY CABLES FROM ACCIDENTAL DAMAGE SO THAT SYSTEMS REMAIN OPERATIONAL AT ALL TIMES.
 - DISPOSE OF ALL REMOVED MATERIALS, UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL DEMOLITION:
 - GENERAL: REMOVE OR RELOCATE EXISTING ELECTRICAL EQUIPMENT, CONDUIT AND CONDUCTORS AS INDICATED ON THE DRAWINGS, OR ONLY AS REQUIRED BY DEMOLITION.
 - SALES FLOOR: REMOVE UNUSED POWER DROP CONDUIT, CONDUCTORS AND RELATED DEVICES SERVING SALES AREA GONDOLAS BEING RELOCATED OR REMOVED. EXISTING CONDUIT AND CONDUCTORS MAY BE REUSED FOR NEW POWER DROPS WHERE SIZE, RATING, AND CONDITION MEET REQUIREMENTS INDICATED ON PLANS AND ALL U.L. RATINGS. REMOVE ALL UNUSED CONDUIT AND CONDUCTORS BACK TO POINT OF ORIGIN WHENEVER FEASIBLE. IF CIRCUIT IS NOT REUSED, REMOVE CIRCUIT BREAKER AND REPLACE WITH FILLER PLATE. UPDATE TYPEWRITTEN CIRCUIT IDENTIFICATION SCHEDULE AS "SPACE" OR "SPARE"
 - CONDUIT AND WIRING TO BE ABANDONED IN CEILING SPACES AND OTHER NON-PUBLIC AREAS (I.E., THROUGH STOCKROOM AREA): CUT WIRING LOOSE AND REMOVE FROM RACEWAY(S), LEAVING RACEWAY(S) IN PLACE. CONDUIT TO BE ABANDONED IN WALLS OR FLOORS SHALL BE REMOVED BACK TO FINISHED SURFACE AND CAPPED INSIDE. APPROVED ELECTRICAL ENCLOSURE REPAIR SURFACE(S) TO MATCH.
 - ALL CIRCUIT BREAKERS SERVING BRANCH CIRCUITS TO BE REMOVED SHALL ALSO BE REMOVED. REMOVE CIRCUITRY TYPEWRITTEN CIRCUIT IDENTIFICATION SCHEDULE AS "SPACE" OR "SPARE".
 - BUILDING COMPONENTS ABANDONED BY THE SCOPE OF WORK SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.
- ETHERNET CABLE:
 - FURNISH AND INSTALL JUNCTION BOXES AS SHOWN ON PLANS. PROVIDE CONDUIT AS REQUIRED BY LOCAL CODES AND/OR ORDINANCES.
 - ETHERNET CABLE IS FURNISHED BY OTHERS.
 - ELECTRICAL CONTRACTOR SHALL INSTALL CABLE IN POWER POLES.
 - ELECTRICAL CONTRACTOR SHALL INSTALL OTHER CABLE AS DIRECTED BY REASORS CONSTRUCTION MANAGER.

CORE STATES GROUP

111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com

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LIGHTING LEGEND				
A	NEW (7'-5 1/4") SQUARE STRIP LIGHTS, MOUNT TO CEILING WITH MOUNTING BRACKETS. 4000K	QTY. SGT 281	85.9 WATTS	H.E. WILLIAMS 755-8-1100/840-C2B/R/Y-315-DM-UNV
A1	EXISTING FIXTURE TO REMAIN. INSTALL 4 NEW LITE TECHNOLOGY DOUBLE-ENDED LAMPS INTO EXISTING SOCKETS (BY-PASS EXISTING BALLAST)	QTY. SGT 340		LITE TECHNOLOGY RX-3X-L1800C-48-18W-2100L-40K
A2	NEW LIGHT FIXTURE TO BE INSTALLED IN EITHER EXISTING OR NEW LOCATIONS.	QTY. SGT 3	18 WATTS	H.E. WILLIAMS 755-4-145/840-C2B/R/Y-315-DM-UNV
A3	F-2 LAMP-TO STRIP OR 2X4 EXISTING FIXTURE TO REMAIN. INSTALL 2 NEW LITE TECHNOLOGY DOUBLE-ENDED LAMPS INTO EXISTING SOCKETS (BY-PASS EXISTING BALLAST)	QTY. SGT 34	18 WATTS	LITE TECHNOLOGY RX-3X-L1800C-48-18W-2100L-40K
CC	SURFACE MOUNT TO GYPSUM BOARD CEILING IN EXISTING LOCATION	QTY. SGT 6	37.2 WATTS	H.E. WILLIAMS 39-4-152/840-A-DRI-UNV
D	LED FLAT PANEL, 2X4 LAY-IN CEILING GRID	QTY. SGT 107	38.0 WATTS	LITHONIA EPANL-2X4-400LMHE-800R-40K-MINI0-MVOLT
H2	MOUNT BOTTOM OF FIXTURE EVEN WITH BOTTOM OF JOIST. ELECTRICAL CONTRACTOR TO PROVIDE AERODRAFT CABLE W/ OVAL SLEEVES FOR INSTALLATION.	QTY. SGT 20	114 WATTS	LITHONIA 80-1800LM-SEF-AFL-FD-MVOLT-G210-35K-80CR-DNA-18GACH.
J	COOLER/FREEZER LIGHTING, MOUNT NEW FIXTURE AT EXISTING OR NEW LOCATION.	QTY. SGT 16	92 WATTS	USI CRUS-SM-SC-LED-SS-OW-UE-WHT
L	BOOK LIGHTING MOUNT TO WALL AT 72" A.F.F.	QTY. SGT 2	250 WATTS	C-LITE LED BOOK LIGHT C-SPC-A-WD-42H-3L-57K-120V-YLW
M	COOLER/FREEZER LIGHTING, MOUNT NEW FIXTURE AT EXISTING OR NEW LOCATION.	QTY. SGT 2	90 WATTS	C-LITE C-CP-B-SQ-12L-40K-WH
O	INSTALL WITH CORD IN GALVANIZED CONDUIT FULL HEIGHT. MOUNT BOTTOM OF FIXTURE AT 12'-0" A.F.F.	QTY. SGT 2	40 WATTS	LITHONIA VCL-LED-V8-P3-35K-80CR-TSW-MVOLT-TM-LED18W-1800K
S	EXTERIOR WALL PACK FOR WET LOCATIONS. FIXTURE AT EXISTING OR NEW LOCATION.	QTY. SGT 9	20-277 WATTS	LITHONIA TWX3 LED P4 50K MVOLT DOBBD
T	SOLAIS TRACK (B1 1/8") SOLAIS JOINER STRAIGHT CONNECTOR SOLAIS END CAP SOLAIS LIVE END FEED	QTY. SGT 21 QTY. 51 QTY. 6 QTY. 6	80-75 WATTS	LOC-1-WL-940-1600-BK-J J1-S1-B-BK J1-S1-S-C-BK J1-S1-E-C-BK J1-S1-EFS-BK
V	PROVIDE TRACK LENGTHS AND CONNECTION ACCESSORIES AS REQUIRED. SUSPEND TRACK LIGHTING AT 12'-0" A.F.F. WITH ALL-THREADS PAINTED TO MATCH LIGHTING.			
V	MOUNT TO BOTTOM CHORD OF JOIST AT SALES AREA. MOUNT TO CEILING AT FINISHED CEILING. MOUNT TO FACE OF INSULATED PANEL, MOUNT TO WALL W/ TOP OF FIXTURE 6" BELOW CEILING OR MOUNT BOTTOM OF FIXTURE AT 12'-0" A.F.F. IF MOUNTED AT EXPOSED STRUCTURE (U.N.O.)	QTY. SGT 21	14.2 WATTS	LITHONIA ELM6L-W-UVOLT-LTP
X	MOUNTED AT 9'-0" A.F.F. CENTERED ABOVE DOOR. ARROWS AS INDICATED OR REQUIRED.	QTY. 6	4.3 WATTS	LITHONIA LHOM-LED-R-16 (CEILING OR WALL)
Z	SET FOR "EMERGENCY ONLY" MODE. SET PATH OF EGRESS PHOTOEYES TO BE PARALLEL WITH WALL. INSTALL FIXTURE AT 9'-0" A.F.F. AT 1'-0" BEYOND STRIKE SIDE OF DOOR (U.N.O.)	QTY. SGT 5	3-8 WATTS	PHILIPS CHLORIDE FLEM8Z
	SOLAIS LITE POLE ON EXISTING CONCRETE BASE AND ANCHOR BOLTS. CONTRACTOR TO VERIFY EXACT ANCHOR BOLT PATTERN AND NOTIFY BROOKSHIRE'S.	QTY. SGT 2	151 WATTS	SOLAIS GL3-12H-150-740
	SOLAIS LITE POLE ON EXISTING CONCRETE BASE AND ANCHOR BOLTS. CONTRACTOR TO VERIFY EXACT ANCHOR BOLT PATTERN AND NOTIFY BROOKSHIRE'S.	QTY. SGT 2	137 WATTS	SOLAIS GL3-17H-150-740
	SOLAIS LITE POLE ON EXISTING CONCRETE BASE AND ANCHOR BOLTS. CONTRACTOR TO VERIFY EXACT ANCHOR BOLT PATTERN AND NOTIFY BROOKSHIRE'S.	QTY. SGT 2	80 WATTS	SOLAIS GL3-23H-150-740

- ELECTRICAL KEY NOTES**
- RE-BALLAST/RE-LAMP EXISTING LIGHT FIXTURE. REFERENCE LIGHT FIXTURE SCHEDULE
 - REPLACE EXISTING LIGHT FIXTURES IN THIS AREA WITH TYPE AND QUANTITY INDICATED. INSTALL NEW LIGHT FIXTURE IN SAME LOCATION AS EXISTING LIGHT FIXTURE BEING REPLACED. RECONNECT TO EXISTING CIRCUITRY AND CONTROLS.
 - CONNECT TO EXISTING CIRCUIT PREVIOUSLY SERVING AREA. MAINTAIN EXISTING CIRCUIT CONTROL UNLESS NOTED OTHERWISE. PROVIDE CONSTANT HOT FOR EMERGENCY EXIT AND LOCALLY CONTROLLED LIGHT FIXTURES.

CORE STATES GROUP

111 3rd Avenue S
Suite 400
Minneapolis, MN 55401
www.core-states.com

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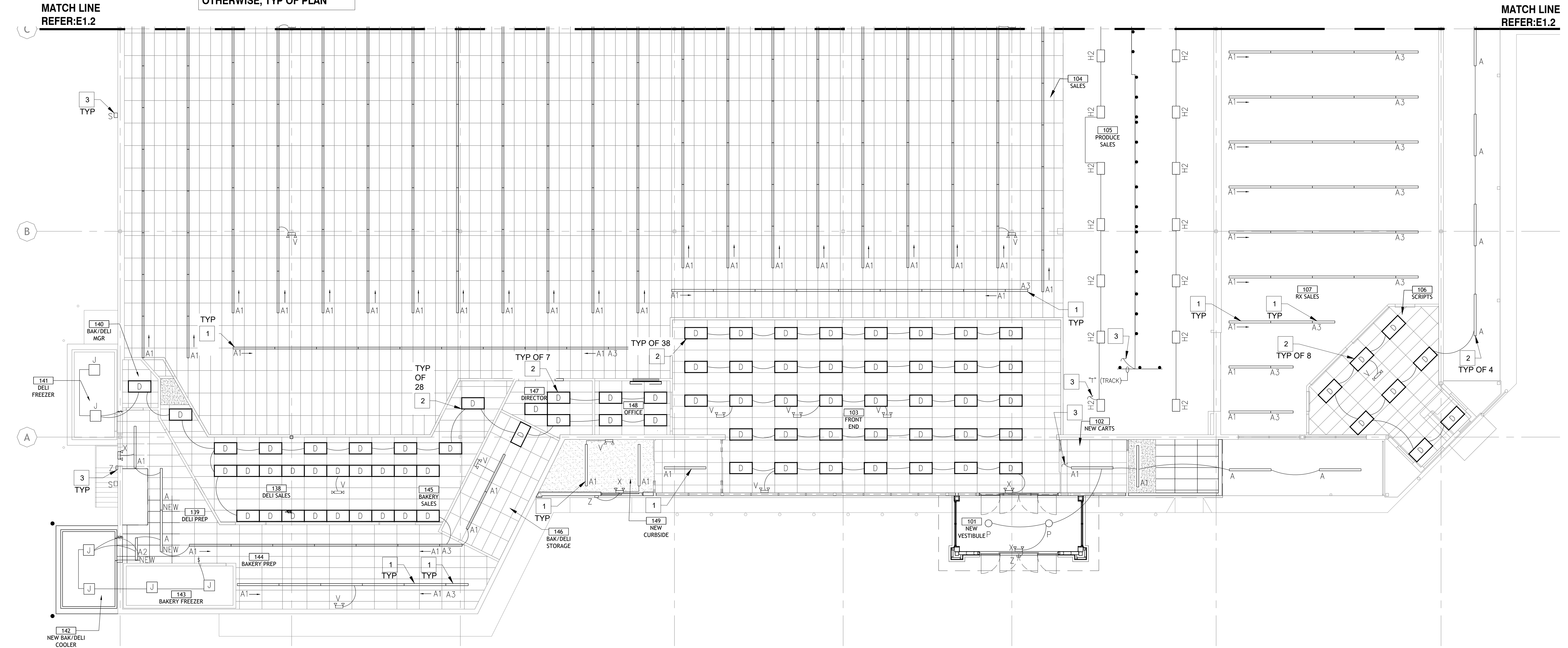
PROJECT NO: **4090600-0**

STORE NO.: **906**

SHEET NO.: **E1.1**

EXISTING LIGHTING CONTROLS TO REMAIN UNLESS NOTED OTHERWISE, TYP OF PLAN

REFERENCE DETAIL #1 SHEET E2.0 FOR PANELBOARD LOCATIONS



1 ENLARGED LIGHTING PLAN WEST
SCALE: 1/8" = 1'-0"

AS OF: 11/11/24

LIGHTING LEGEND				
A	NEW (7"-5 1/4") SQUARE STRIP LIGHTS, MOUNT TIGHT TO CEILING WITH MOUNTING BRACKETS, 4000K	QTY: SGT 281	65.9 WATTS	H.E. WILLIAMS 755-4-165/840-C28W/RV-315-DM-UNV
A1	EXISTING FIXTURE TO REMAIN, INSTALL 4 NEW LITE TECHNOLOGY DOUBLE-ENDED LAMPS INTO EXISTING SOCKETS BY-PASS EXISTING BALLAST	QTY: SGT 345		LITE TECHNOLOGY HSL SW-L1880GC-48L-18W-2100L-40K
A2	NEW LIGHT FIXTURE TO BE INSTALLED IN EITHER EXISTING OR NEW LOCATIONS.	QTY: SGT 18	18 WATTS	H.E. WILLIAMS 755-4-165/840-C28W/RV-315-DM-UNV
A3	2'-2 LAMP-16 STRIP OR 2'x4 EXISTING FIXTURE TO REMAIN, INSTALL 2 NEW LIGHTS, DOUBLE ENDED LAMPS INTO EXISTING SOCKETS (BY-PASS EXISTING BALLAST)	QTY: SGT 34	18 WATTS	LITE TECHNOLOGY HSL SW-L1880GC-48L-18W-2100L-35K
CC	SURFACE MOUNT TO GYPSUM BOARD CEILING IN EXISTING LOCATION	QTY: SGT 6	37.2 WATTS	H.E. WILLIAMS 39-4-152/840-A-DRY-UNV
D	LED FLAT PANEL, 2'x4 LAY-IN CEILING GRID	QTY: SGT 107	38.0 WATTS	LITHONIA EPANL-2'x4-4000LME-800R-40K-MN10-MVOLT
H2	MOUNT BOTTOM OF FIXTURE EVEN WITH BOTTOM OF JOIST, ELECTRICAL CONTRACTOR TO PROVIDE ARCHITECT CABLE W/ CVAL SLEEVES FOR INSTALLATION	QTY: SGT 20	114 WATTS	LITHONIA BG-1800LM-SEF-AFL-FD-MVOLT-G210-35K-800R-UNV-8000W
J	COOLER/FREEZER LIGHTING, MOUNT NEW FIXTURE AT EXISTING OR NEW LOCATION	QTY: SGT 18	90 WATTS	LSI CRUS-SM-SC-LED-SS-CW-UE-WHT
L	HOOK LIGHTING MOUNT TO WALL AT 7'2" A.F.F.	QTY: SGT 2	250 WATTS	C-LITE LED DOCK LIGHT C-SPC-A-WD-42N-3L-57K-120V-YLW
M	COOLER/FREEZER LIGHTING, MOUNT NEW FIXTURE AT EXISTING OR NEW LOCATION	QTY: SGT 2	90 WATTS	C-LITE C-CP-B-50-12L-40K-WH
P	NEURAL WITH CONDUIT IN GALVANIZED CONDUIT FULL HEIGHT, MOUNT BOTTOM OF FIXTURE AT 12'-0" A.F.F.	QTY: SGT 2	40 WATTS	LITHONIA VOL-LED-V8-P3-35K-800R-158-MVOLT-FW-LDS108-00000
S	EXTERIOR WALL PACK FOR NET LOCATIONS FIXTURE AT EXISTING OR NEW LOCATION	QTY: SGT 8	20-27 WATTS	LITHONIA TWO LED P4 50K MVOLT DDBXD
T	SOLAS HEAD SOLAS JOINER STRAIGHT CONNECTOR SOLAS END CAP SOLAS LIVE END FEED	QTY: 24 QTY: 8 QTY: 2 QTY: 6	60-75 WATTS	LSI-T-NFL-940-1600-BK-J J11-S1-B-BK J11-S1-SJC-BK J11-S1-EOS-BK J11-S1-EFS-BK
V	PROVIDE TRACK LENGTHS AND CONNECTION ACCESSORIES AS REQUIRED, SUSPEND TRACK LIGHTING AT 12'-0" A.F.F. WITH ALL-THREADS PAINTED TO MATCH LIGHTING.			
V	MOUNT TO BOTTOM CHORD 12" JUST AT SALES AREA, MOUNT TO CEILING AT FINISHED CEILING, MOUNT TO FACE OF INSULATED PANEL, MOUNT TO WALL BY TOP OF FIXTURE 6" BELOW CEILING OR MOUNT BOTTOM OF FIXTURE AT 12'-0" A.F.F. IF MOUNTED AT EXPOSED STRUCTURE (U.N.O.)	QTY: SGT 21	14.2 WATTS	LITHONIA ELMBL-W-UVOLT-LTP
X	MOUNTED AT 9'-0" A.F.F. CENTERED ABOVE DOOR, ARROWS AS INDICATED OR REQUIRED.	QTY: 8	4.3 WATTS	LITHONIA L10M-LED-R-M6 (CEILING OR WALL)
Z	SET FOR "EMERGENCY ONLY" MODE, SET PATH OF EGRESS PHOTOMETRICS TO BE PARALLEL WITH WALL, INSTALL FIXTURE AT 9'-0" A.F.F. AT 1'-0" BEYOND STRIKE SIDE OF DOOR U.N.O.	QTY: SGT 5	3-8 WATTS	PHILIPS CHLORIDE PLEMBZ
	SOLAS LITE POLE ON EXISTING CONCRETE BASE AND ANCHOR BOLTS, CONTRACTOR TO VERIFY EXACT ANCHOR BOLT PATTERN AND NOTIFY BROOKSHIRE'S.	QTY: SGT 2	151 WATTS	SOLAS GL3-12H-150-740
	SOLAS LITE POLE ON EXISTING CONCRETE BASE AND ANCHOR BOLTS, CONTRACTOR TO VERIFY EXACT ANCHOR BOLT PATTERN AND NOTIFY BROOKSHIRE'S.	QTY: SGT 2	127 WATTS	SOLAS GL3-17H-150-740
	SOLAS LITE POLE ON EXISTING CONCRETE BASE AND ANCHOR BOLTS, CONTRACTOR TO VERIFY EXACT ANCHOR BOLT PATTERN AND NOTIFY BROOKSHIRE'S.	QTY: SGT 2	82 WATTS	SOLAS GL3-23H-150-740

ELECTRICAL KEY NOTES

- 1 RE-BALLAST/RE-LAMP EXISTING LIGHT FIXTURE. REFERENCE LIGHT FIXTURE SCHEDULE
- 2 REPLACE EXISTING LIGHT FIXTURES IN THIS AREA WITH TYPE AND QUANTITY INDICATED. INSTALL NEW LIGHT FIXTURE IN SAME LOCATION AS EXISTING LIGHT FIXTURE BEING REPLACED. RECONNECT TO EXISTING CIRCUITRY AND CONTROLS.
- 3 CONNECT TO EXISTING CIRCUIT PREVIOUSLY SERVING AREA. MAINTAIN EXISTING CIRCUIT CONTROL UNLESS NOTED OTHERWISE. PROVIDE CONSTANT HOT FOR EMERGENCY EXIT AND LOCALLY CONTROLLED LIGHT FIXTURES.

CORE STATES

GROUP

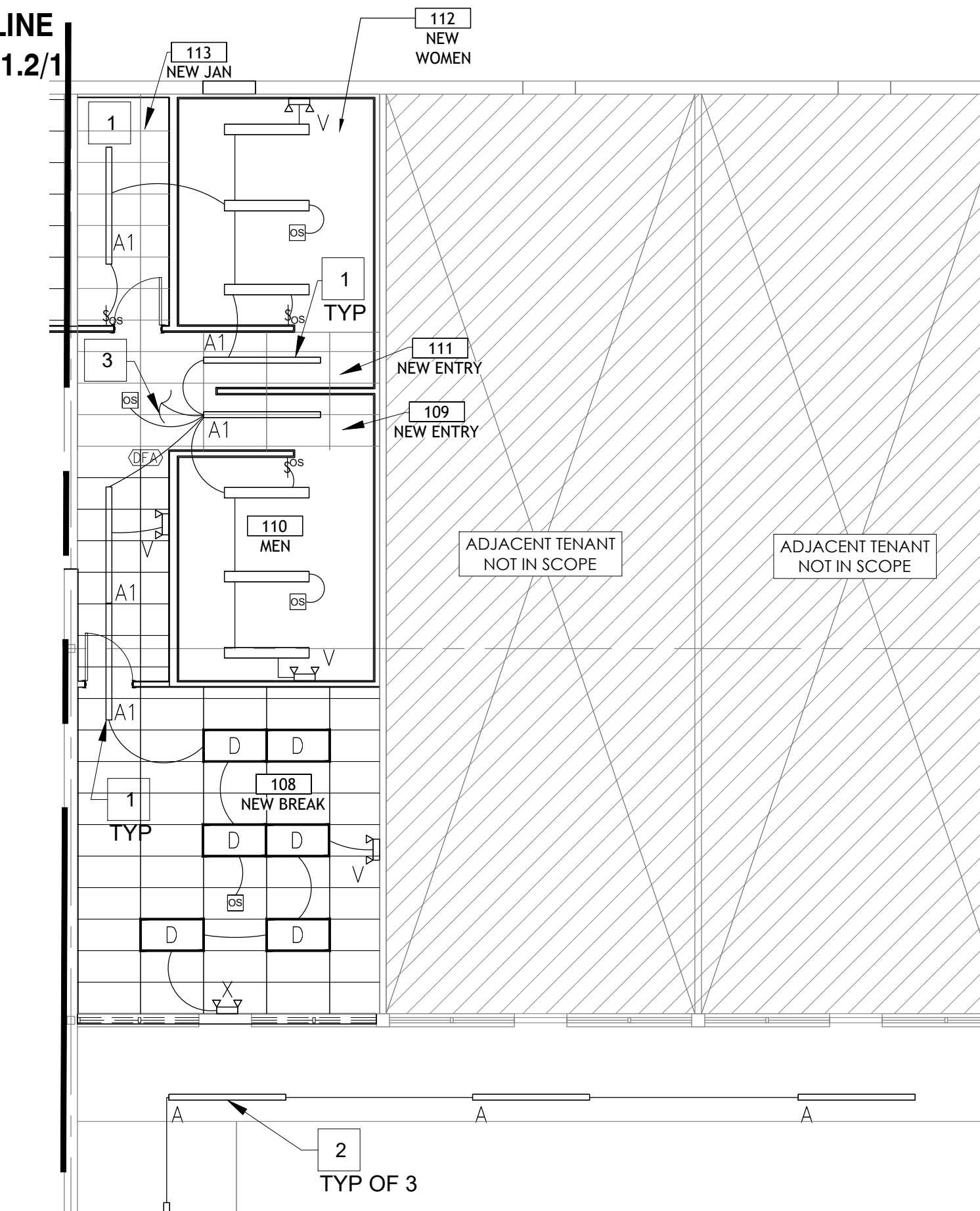
111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com



11/11/24

Drawn: K.NORBURY
Reviewed: K.CRAIG
Sheet Date: 03/05/24
Proj. Number: BGC.37947.RR

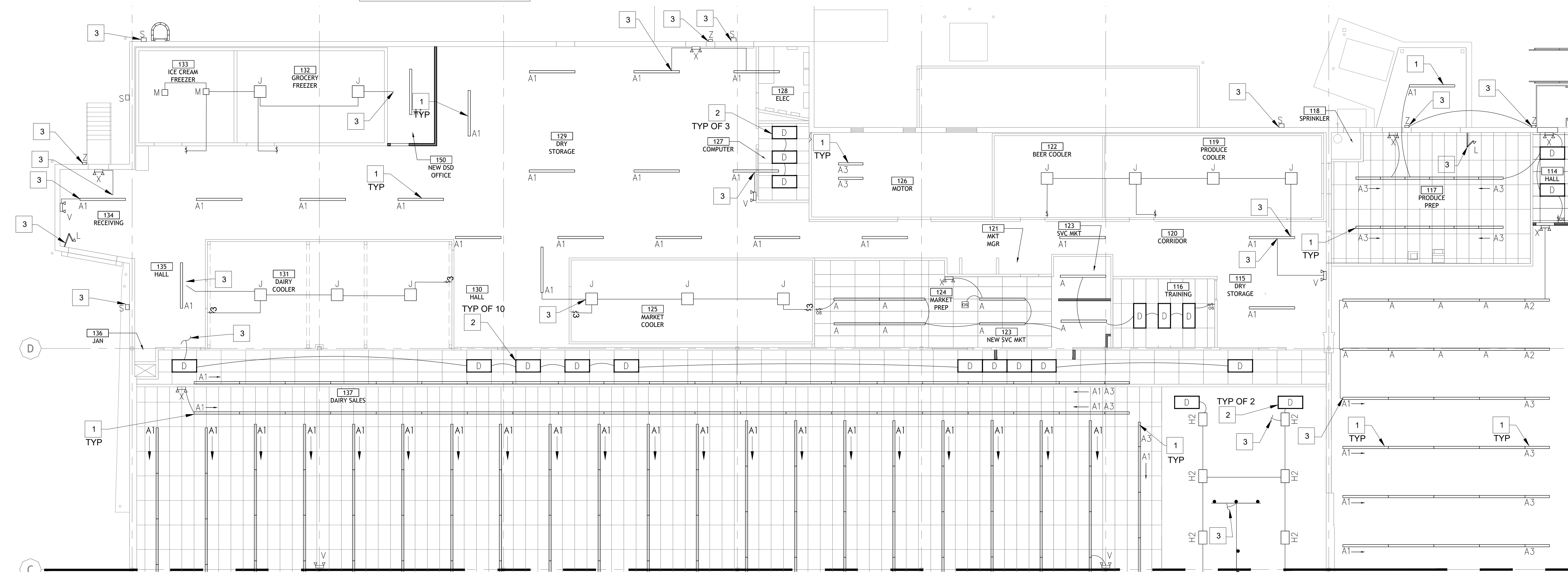
MATCH LINE
REFER: E1.2/1



2 RESTROOM/BREAKROOM/EXTERIOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

EXISTING LIGHTING CONTROLS TO REMAIN UNLESS NOTED OTHERWISE, TYP OF PLAN

REFERENCE DETAIL #1 SHEET E2.0 FOR PANELBOARD LOCATIONS



1 ENLARGED LIGHTING PLAN EAST
SCALE: 1/8" = 1'-0"

BGC fs
BROOKSHIRE GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

REMODEL
Reasor's
1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	ISSUED FOR BID/PERMIT SET

ISSUED FOR:
 PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE: **09/23**
PROJECT NO: **4090600-0**
STORE NO.: **906**
SHEET NO.: **E1.2**

AS OF: 11/11/24



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Reviewed: K.CRAIG
Sheet Date: 03/05/24
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NO.

ISSUED FOR:

- PRELIMINARY
- REVIEW
- PERMIT
- BIDDING
- CONSTRUCTION

DATE

09/23

PROJECT NO.

4090600-0

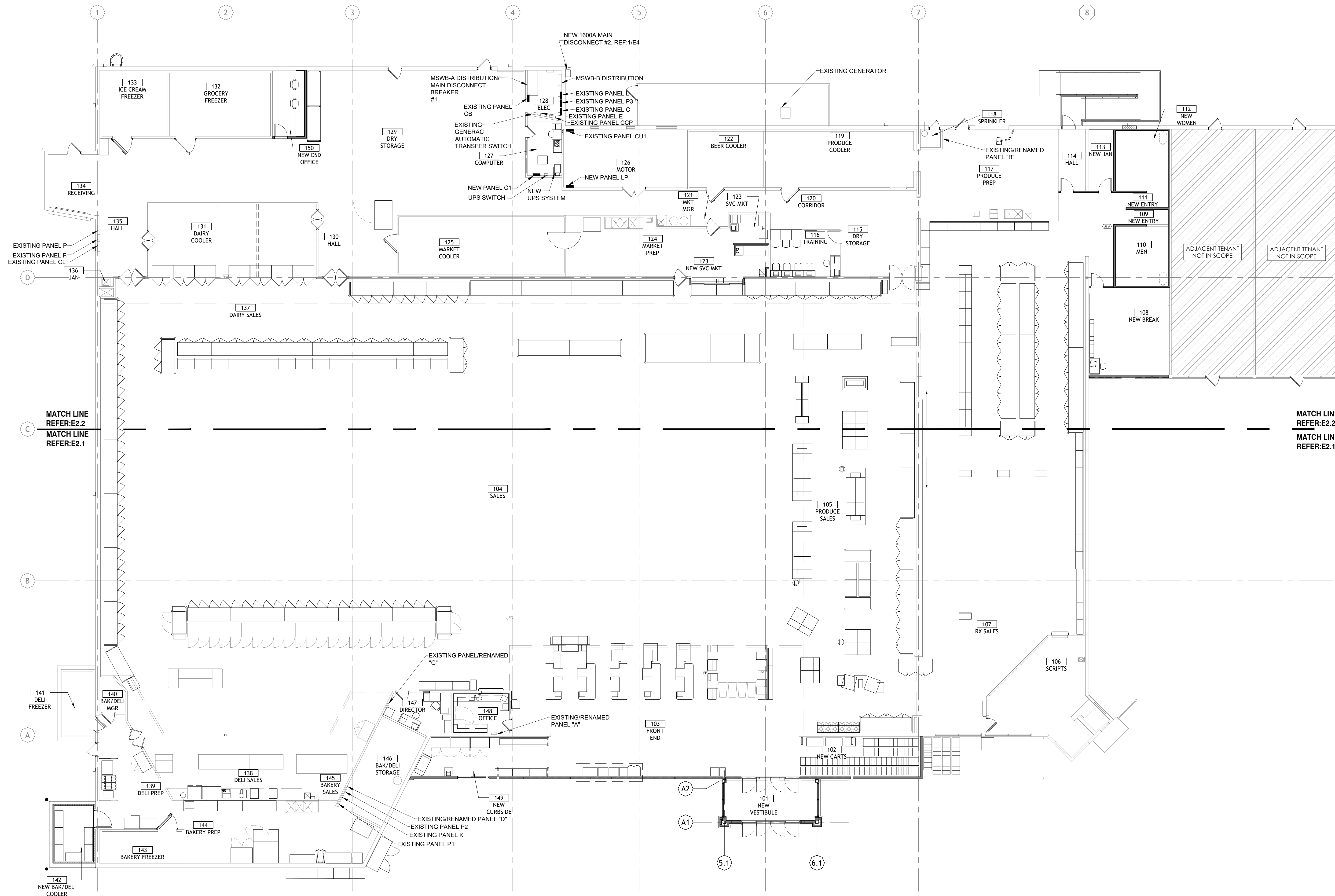
STORE NO.

906

SHEET NO.

E2.0

AS OF: 11/11/24



1 OVERALL POWER PLAN N
SCALE: 3/32" = 1'-0"

ELECTRICAL KEY NOTES	
1	E.C. SHALL DISCONNECT, EXTEND AND RECONNECT ALL ELECTRICAL CIRCUITRY FOR NEW OR RELOCATED EQUIPMENT. REFERENCE POWER PLANS & APPLICABLE. VERIFY CONDITION OF BRANCH CIRCUIT, CONDUIT, AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET ALL I.L. RATINGS AND REPLACE AS REQUIRED. COORDINATE THIS PROCESS WITH CONSTRUCTION MANAGER TO MINIMIZE DOWNTIME. LABEL ALL ASSOCIATED PANELBOARD SCHEDULES TO REFLECT LOAD DESCRIPTIONS. ACCOUNT FOR VOLTAGE DROP AND UPSIZE/REPLACE CIRCUITRY AS REQUIRED.
2	SURFACE MOUNT WP JUNCTION BOX ON WALL 24" BELOW COOLER/FREEZER BOX CEILING FOR CONDENSATE DRAIN HEAT TRACE TAPE. PROVIDE LIQUID TIGHT FLEXIBLE METAL CONDUIT CONNECTION TO HEAT TAPE.

CORE STATES
GROUP

111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com

11/11/24

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Reviewed: K.CRAIG
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Proj. Number: BGC.37947.RR

BGC
BROOKSHIRE
GROCERY COMPANY
facility services

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Tyler, TX 75702
903-579-0500

39,756 SF
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LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
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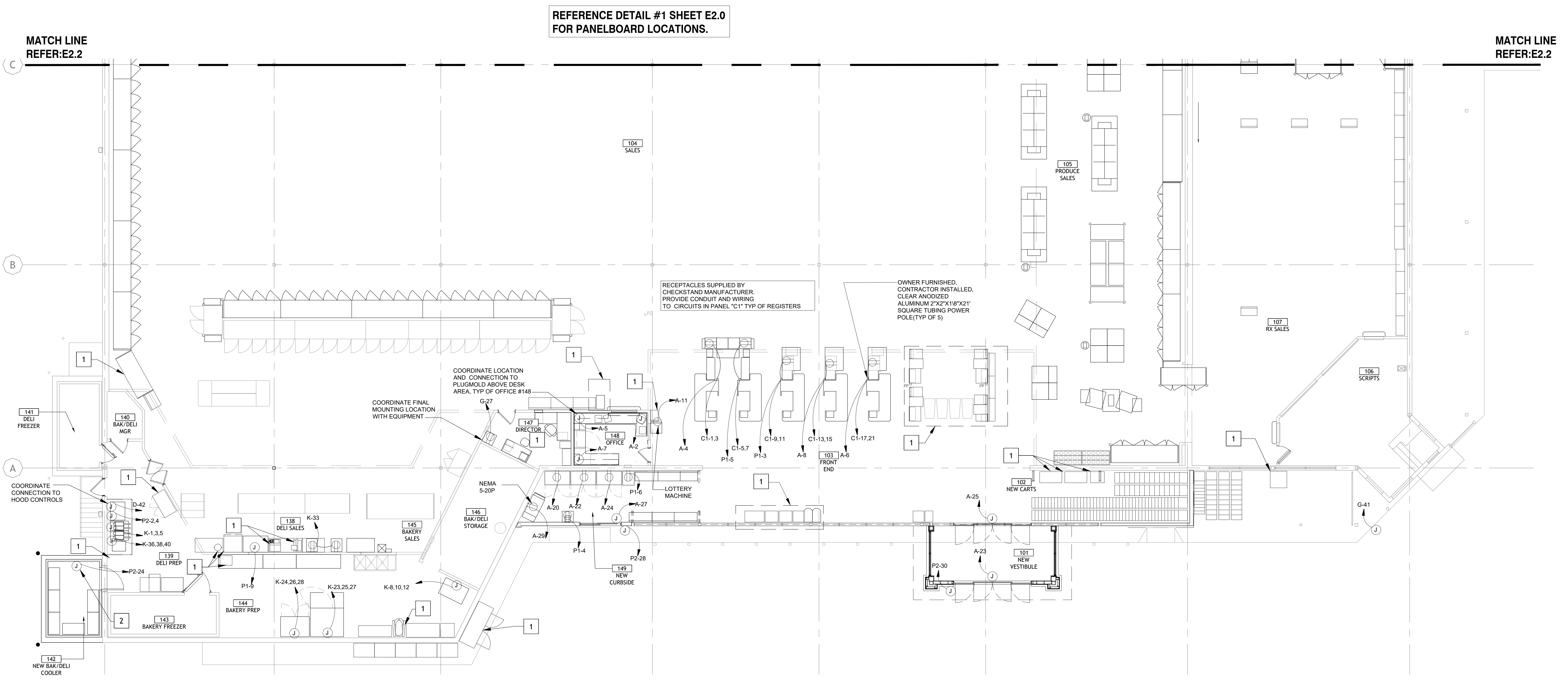
DATE: **09/23**

PROJECT NO.: **4090600-0**

STORE NO.: **906**

SHEET NO.: **E2.1**

AS OF: 11/11/24



REFERENCE DETAIL #1 SHEET E2.0
FOR PANELBOARD LOCATIONS.

1 ENLARGED POWER PLAN WEST
SCALE: 1/8" = 1'-0"

ELECTRICAL KEY NOTES

1 E.C. SHALL DISCONNECT, EXTEND AND RECONNECT ALL ELECTRICAL CIRCUITRY FOR NEW OR RELOCATED EQUIPMENT. REFERENCE POWER PLANS AS APPLICABLE. VERIFY CONDITION OF BRANCH CIRCUIT, CONDUIT, AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET ALL U.L. RATINGS AND REPLACE AS REQUIRED. COORDINATE THIS PROCESS WITH CONSTRUCTION MANAGER TO MINIMIZE DOWNTIME. LABEL ALL ASSOCIATED PANELBOARD SCHEDULES TO REFLECT LOAD DESCRIPTIONS. ACCOUNT FOR VOLTAGE DROP AND UPSIZE/REPLACE CIRCUITRY AS REQUIRED.

CORE STATES

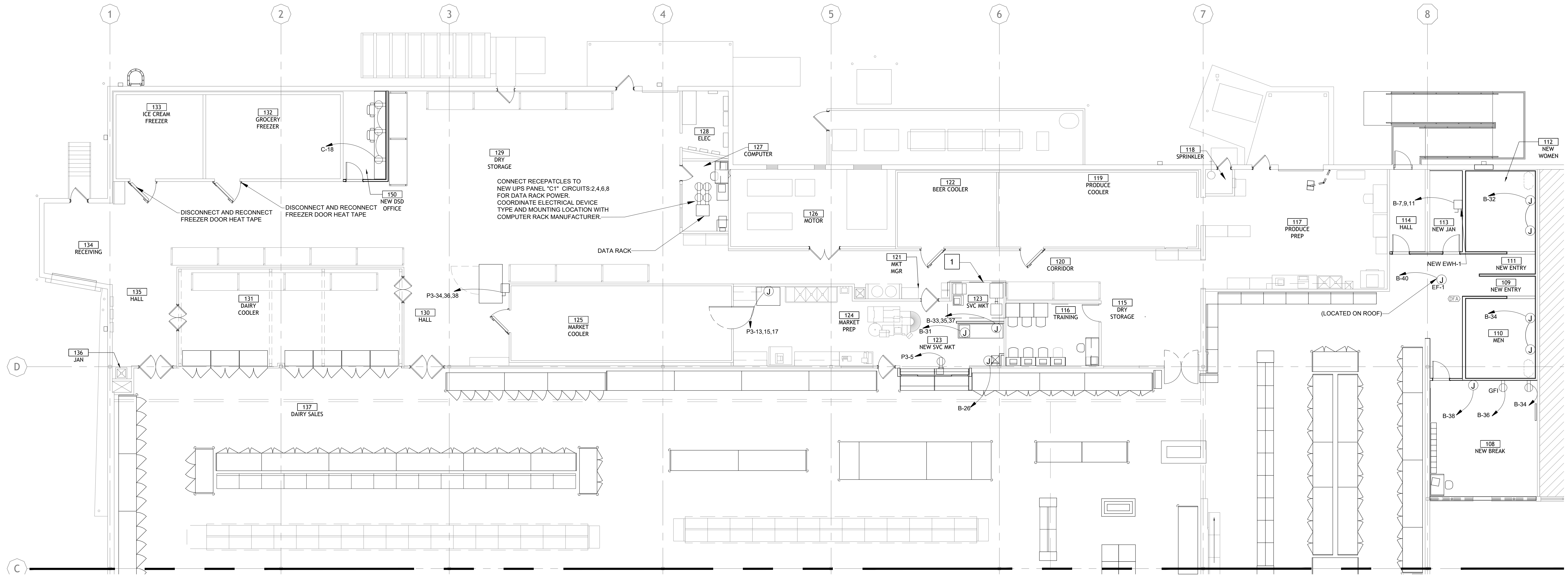
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Suite 400
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Minneapolis, MN 55401
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Reviewed: K.CRAIG
Sheet Date: 03/05/24
Proj. Number: BGC.37947.RR

REFERENCE DETAIL #1 SHEET E2.0 FOR PANELBOARD LOCATIONS.



MATCH LINE
REFER: E2.1

MATCH LINE
REFER: E2.1

1 ENLARGED POWER PLAN EAST
SCALE: 1/8" = 1'-0"



430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

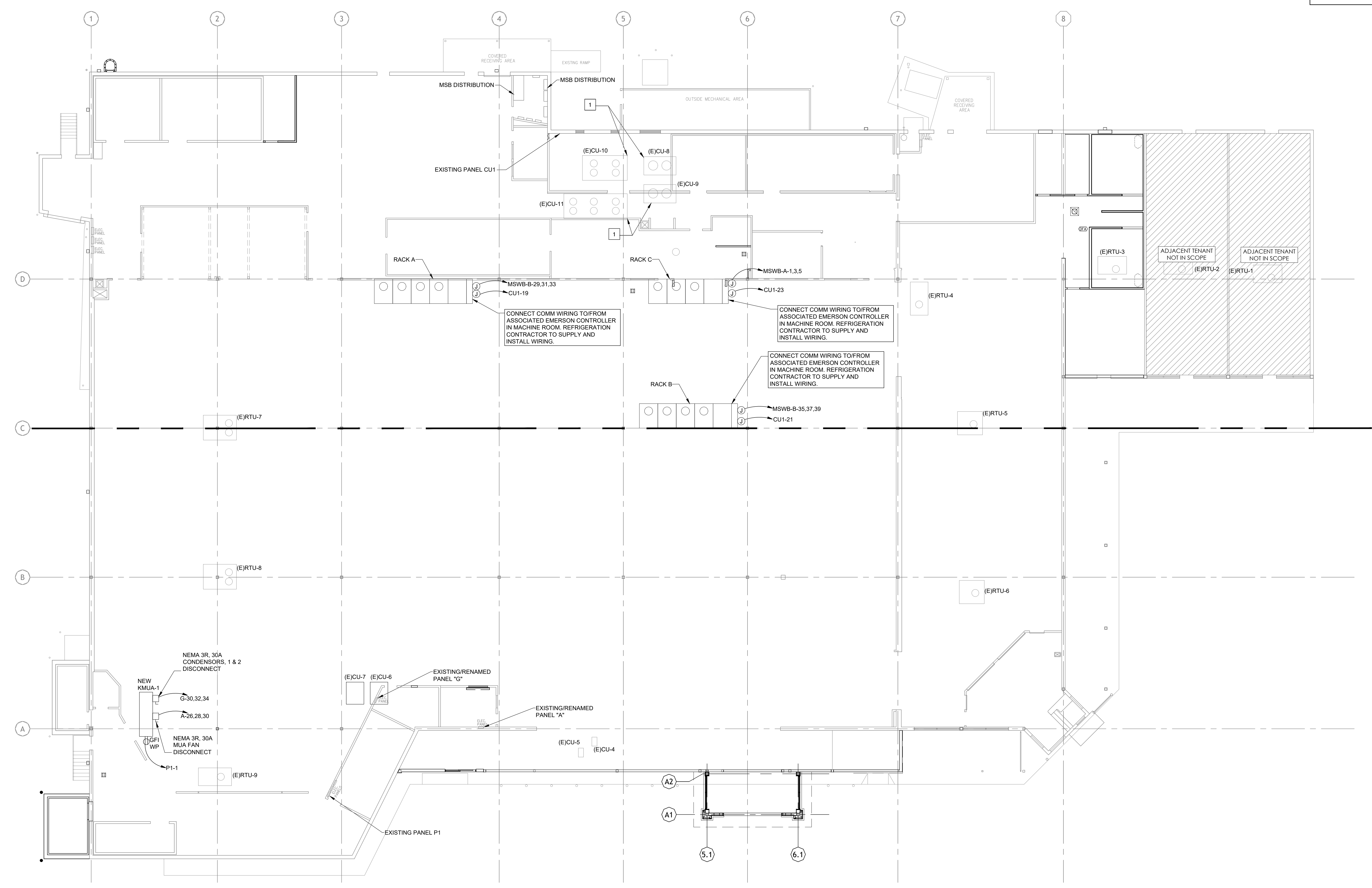
NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	ISSUED FOR BID/PERMIT SET

ISSUED FOR:	DATE
<input type="checkbox"/> PRELIMINARY	09/23
<input type="checkbox"/> REVIEW	PROJECT NO.
<input type="checkbox"/> PERMIT	4090600-0
<input type="checkbox"/> BIDDING	STORE NO.
<input type="checkbox"/> CONSTRUCTION	906

AS OF: 11/11/24
PROJECT NO. 4090600-0
STORE NO. 906
SHEET NO. E2.2



Drawn: K.NORBURY
Reviewed: K.CRAIG
Sheet Date: 03/05/24
Proj. Number: BGC.37947.RR



1 ROOF POWER PLAN N
SCALE: 3/32" = 1'-0"

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	ISSUED FOR BID/PERMIT SET

ISSUED FOR:	DATE
<input type="checkbox"/> PRELIMINARY	09/23
<input type="checkbox"/> REVIEW	PROJECT NO.
<input type="checkbox"/> PERMIT	4090600-0
<input type="checkbox"/> BIDDING	STORE NO.
<input type="checkbox"/> CONSTRUCTION	906

PANELBOARD: L (EXISTING)													EQUIPMENT GROUND BUS									
BUS AMPS: 225A MAIN SIZE/TYPE: MLO VOLTS/PHASE: 208Y/120V, 3PH, 4W SERVES: BLDG LOCATION: ELECTRICAL ROOM																						
CKT NO.	DESCRIPTION	MOUNTING SURFACE			WIRE NO.	BKR AMP	P	BKR WIRE NO.	VAPPHASE			DESCRIPTION	CKT NO.									
		A	B	C					A	B	C											
1	show room lights				20	1	20				800	show room lights	2									
3	show room lights				20	1	20				800	show room lights	4									
5	show room lights				20	1	20				800	show room lights	6									
7	show room lights				20	1	20				800	show room lights	8									
9	show room lights				20	1	20				800	show room lights	10									
11	show room lights				20	1	20				800	show room lights	12									
13	show room lights				20	1	20				800	show room lights	14									
15	show room lights				20	1	20				800	show room lights	16									
17	register lights				20	1	20				800	show room lights	18									
19	show room lights				20	1	20				800	show room lights	20									
21	show room lights				20	1	20				800	show room lights	22									
23	show room lights				20	1	20				800	show room lights	24									
25	show room lights				20	1	20				800	show room lights	26									
27	show room lights				20	1	20				800	show room lights	28									
29	show room lights				20	1	20				800	show room lights	30									
31	canopy lights				20	1	20				800	show room lights	32									
33	canopy lights				20	1	20				800	show room lights	34									
35	produce area lights/spotlights				20	1	20				800	show room lights	36									
37	produce area lights/spotlights				20	1	20				800	show room lights	38									
39	produce area lights/spotlights				20	1	20				800	show room lights	40									
41	register lights				20	1	20				800	show room lights	42									
SUBTOTAL													5,600	5,600	5,600	SUBTOTAL						
TOTAL PHASE A - VA													11,200	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	SUBTOTAL		
TOTAL PHASE B - VA													11,200	COOLING	0	1.00	REFRIGERATION	912	1.00			
TOTAL PHASE C - VA													11,200	HEATING	0	1.25	SIGN/DISPLAY	1.25	1.00			
TOTAL PNLBD - VA													33,600	LIGHTING	1.00	1.05	KITCHEN	35,200	1.00	TOTAL DEMAND		
TOTAL PNLBD - VA													33,600	RECEPTACLES	1.00	1.05	EXISTING	35,200	1.00			
TOTAL PNLBD - VA													33,600	MOTORS	1.00	1.05	LARGE MOTOR	1.25	1.25			
TOTAL PNLBD - VA													33,600	SUPP HEAT	1.00	1.00	SHOW WINDOW	1.25	1.25			
TOTAL PNLBD - VA													33,600	MISC EQUIP	1.00	1.00	LTG TRACK	1.00	1.00			

PANELBOARD: P3 (EXISTING)													EQUIPMENT GROUND BUS									
BUS AMPS: 225A MAIN SIZE/TYPE: MLO VOLTS/PHASE: 208Y/120V, 3PH, 4W SERVES: BLDG LOCATION: ELECTRICAL ROOM																						
CKT NO.	DESCRIPTION	MOUNTING SURFACE			WIRE NO.	BKR AMP	P	BKR WIRE NO.	VAPPHASE			DESCRIPTION	CKT NO.									
		A	B	C					A	B	C											
1	register lights				20	1	20				1,000	water heater	2									
3	wall packs				20	1	20				1,000	water heater	4									
5	SCALE				20	1	20				1,000	ice box	6									
7	recept below panel				20	1	20				800	ice box	8									
9	register lights				20	1	20				800	ice box	10									
11	water pump				20	1	20				1,000	meat grinder	12									
13	MEAT SAW				12	20	3	30			1,000	meat grinder	14									
15	lights walk-in				20	1	20				1,000	water heater	16									
17	lights walk-in				20	1	20				1,000	water heater	18									
19	fans freezer walk-in				20	2	20				1,000	1,000	roof top a/c	20								
21	fans freezer walk-in				20	2	20				1,000	1,000	roof top a/c	22								
23	door htr. Freezer				20	1	20				1,000	1,000	roof top a/c	24								
25	fans cooler walk-in produce				20	1	20				1,000	1,000	roof top a/c	26								
27	fan produce walk ins				20	1	20				1,000	1,000	roof top a/c	28								
29	fan produce walk ins				20	1	20				1,000	1,000	roof top a/c	30								
31	comp. fans meat prep				20	1	20				1,681	1,681	BALER	32								
33	existing load				20	2	20				1,681	1,681	BALER	34								
35	hood ex fan				20	1	20				1,000	1,000	meat market receipt	36								
37	meat warmer				20	2	20				1,000	1,000	break room receipt	38								
39	water circ pump				20	1	20				1,000	1,000	break room receipt	40								
41	water circ pump				20	1	20				1,000	1,000	break room receipt	42								
SUBTOTAL													5,916	5,916	5,476	7,481	7,481	7,681	SUBTOTAL			
TOTAL PHASE A - VA													13,397	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	SUBTOTAL		
TOTAL PHASE B - VA													13,397	COOLING	0	1.00	REFRIGERATION	1.25	1.25			
TOTAL PHASE C - VA													13,157	HEATING	0	1.25	SIGN/DISPLAY	1.25	1.00			
TOTAL PNLBD - VA													39,951	LIGHTING	1.00	1.05	KITCHEN	31,400	1.00	TOTAL DEMAND		
TOTAL PNLBD - VA													39,951	RECEPTACLES	1.00	1.05	EXISTING	31,400	1.00			
TOTAL PNLBD - VA													39,951	MOTORS	1.00	1.05	LARGE MOTOR	1.25	1.25			
TOTAL PNLBD - VA													39,951	SUPP HEAT	1.00	1.00	SHOW WINDOW	1.25	1.25			
TOTAL PNLBD - VA													39,951	MISC EQUIP	8.751	1.00	LTG TRACK	1.00	1.00			

PANELBOARD: C (EXISTING)													EQUIPMENT GROUND BUS									
BUS AMPS: 400A MAIN SIZE/TYPE: MLO VOLTS/PHASE: 208Y/120V, 3PH, 4W SERVES: BLDG LOCATION: ELECTRICAL ROOM																						
CKT NO.	DESCRIPTION	MOUNTING SURFACE			WIRE NO.	BKR AMP	P	BKR WIRE NO.	VAPPHASE			DESCRIPTION	CKT NO.									
		A	B	C					A	B	C											
1	panel motor				20	1	20					sp croul j-box above beer	2									
3	telephone				20	1	20					n. produce fans and lights	4									
5	o/s light				20	1	30					new produce case	6									
7	not usable				1	1	30					del case fans and lights	8									
9	not usable				1	1	30					beer case lights an fans	10									
11	not usable				1	1	30					beer case lights an fans	12									
13	produce heater				50	3	30				540	DISP OFFICE RECEIPTS	14									
15	produce heater				50	3	30				540	DISP OFFICE RECEIPTS	16									
17	heater				50	3	30					beer case fans and lights	18									
19	heater				50	3	30					reach-in meat case	20									
21	heater				50	3	30					back room lights	22									
23	air handler				40	3	30					lights over meat	24									
25	air handler				40	3	30					lights over dairy	26									
27	air handler				40	3	30					new deli case	28									
29	front office panel a				100	3	30					existing load	30									
31	front office panel a				100	3	30					existing load	32									
33	front office panel a				100	3	30					existing load	34									
35	heater				70	3	30				4,000	rear load deli cases	36									
37	heater				70	3	30				4,000	rear load deli cases	38									
39	heater				70	3	30				4,000	rear load deli cases	40									
41	heater				70	3	30				4,000	rear load deli cases	42									
SUBTOTAL													28,372	28,500	29,820	4,000	4,000	4,540	SUBTOTAL			
TOTAL PHASE A - VA													30,372	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	SUBTOTAL		
TOTAL PHASE B - VA													32,500	COOLING	0	1.00	REFRIGERATION	3,984	1.00			
TOTAL PHASE C - VA													271	HEATING	0	1.25	SIGN/DISPLAY	1.25	1.00			
TOTAL PNLBD - VA													24,360	LIGHTING	1.00	1.05	KITCHEN	77,700	1.00	TOTAL DEMAND		
TOTAL PNLBD - VA													24,360	RECEPTACLES	540	1.05	EXISTING	77,700	1.00			
TOTAL PNLBD - VA													24,360	MOTORS	1.00	1.05	LARGE MOTOR	1.25	1.25			
TOTAL PNLBD - VA													24,360	SUPP HEAT	1.00	1.00	SHOW WINDOW	1.25	1.25			
TOTAL PNLBD - VA													24,360	MISC EQUIP	15,008	1.00	LTG TRACK	1.00	1.00			

PANELBOARD: CCP (EXISTING)													EQUIPMENT GROUND BUS									
BUS AMPS: 225A MAIN SIZE/TYPE: MLO VOLTS/PHASE: 208Y/120V, 3PH, 4W SERVES: BLDG LOCATION: ELECTRICAL ROOM																						
CKT NO.	DESCRIPTION	MOUNTING SURFACE			WIRE NO.	BKR AMP	P	BKR WIRE NO.	VAPPHASE			DESCRIPTION	CKT NO.									
		A	B	C					A	B	C											
1	space				1	1	1					space	2									
3	space				1	1	1					space	4									
5	space				1	1	1					space	6									
7	printed terminal				20	1	20				600	recept in grt front office	8									
9	master terminal				20	1	20				600	existing load	10									
11	processor east wal				20	1	20				600	existing load	12									
13	SPARE				20	1	20					space	14									
15	SPARE				20	1	20					space	16									
17	SPARE				20	1	20				600	existing load	18									
19	SPARE				20	1	20				600	pharmacy receipts	20									
21	SPARE				20	1	20				600	existing load	22									
23	SPARE				20	1	20				600	pharmacy refrigerator	24									
25	SPARE				20	1	15				600	existing load	26									
27	SPARE				20	1	20				600	existing load	28									
29	SPARE				20	1	20					space	30									
31	space				20	1	20					space	32									
SUBTOTAL													600	600	600	1,800	1,800	1,800	SUBTOTAL			
TOTAL PHASE A - VA													2,400	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	SUBTOTAL		
TOTAL PHASE B - VA													2,400	COOLING	0	1.00	REFRIGERATION	1.00	1.00			
TOTAL PHASE C - VA													2,400	HEATING	0	1.25	SIGN/DISPLAY	1.25	1.00			
TOTAL PNLBD - VA													20	LIGHTING	0	1.25	KITCHEN	7,200	1.00	TOTAL DEMAND		
TOTAL PNLBD - VA													20	RECEPTACLES	1.00	1.05	EXISTING	7,200	1.00			
TOTAL PNLBD - VA													20	MOTORS	1.00	1.05	LARGE MOTOR	1.25	1.25			
TOTAL PNLBD - VA													20	SUPP HEAT	1.00	1.00	SHOW WINDOW	1.25	1.25			
TOTAL PNLBD - VA													20	MISC EQUIP	1.00	1.00	LTG TRACK	1.00	1.00			

UPS-RELOCATE EXISTING CASH REGISTER LOAD TO NEW UPS PANELBOARD C1

PANELBOARD: P2 (EXISTING)													EQUIPMENT GROUND BUS		
BUS AMPS: 225A MAIN SIZE/TYPE: MLO VOLTS/PHASE: 208Y/120V, 3PH, 4W SERVES: BLDG LOCATION: DELIBAKERY															
CKT NO.	DESCRIPTION	MOUNTING SURFACE			WIRE NO.	BKR AMP	P	BKR WIRE NO.	VAPPHASE			DESCRIPTION	CKT NO.		
		A	B	C					A	B	C				
1	deli lights and fans cooler				30	1	20				2,880	SMOKER OVEN	2		
3	deli lights and fans cooler				20	1	20				800	existing load	4		
5	existing load				20	1	20				800	existing load	6		
7	SPARE				20	1	20					ice	8		
9	SPARE				20	1	20				800	ice	10		
11	SPARE				20	1	20				800	ice	12		
13	SPARE				20	1	20				800	ice	14		

PANELBOARD: LP (NEW)																
EQUIPMENT GROUND BUS																
BUS AMPS: 100A MAIN SIZE/TYPE: MLO VOLTS/PHASE: 208Y120V, 3PH, 4W SERVES: FIRST FLOOR LOCATION: MOTOR ROOM																
AIC RATING: 10000 FULLY RATED																
MOUNTING SURFACE																
CKT NO.	DESCRIPTION	VAPHASE			WIRE			BKR			P			DESCRIPTION	CKT NO.	
		A	B	C	NO.	AMP	NO.	AMP	NO.	AMP	NO.	AMP				
1	AL-1 REACH-IN LIGHTS	312			12	20	1	1	20	12	372			BM-1 MULTIDECK LIGHTS	2	
3	AL-2 REACH-IN LIGHTS		240		12	20	1	1	20	12		372		BM-2 MULTIDECK LIGHTS	4	
5	AL-3 REACH-IN LIGHTS			264	12	20	1	1	20	12			192	BM-3 MARKET CASES LIGHTS	6	
7	AL-4 REACH-IN LIGHTS	168			12	20	1	1	20	12	384			BM-4 REACH-IN LIGHTS	8	
9	AL-5 REACH-IN LIGHTS		264		12	20	1	1	20	10		432		BM-5 REACH-IN LIGHTS	10	
11	AL-6 REACH-IN LIGHTS			192	12	20	1	1	20	12			300	BM-6 REACH-IN LIGHTS	12	
13	AL-7 REACH-IN LIGHTS	156			12	20	1	1	20	12	216			BM-7 REACH-IN LIGHTS	14	
15	AL-8 REACH-IN LIGHTS		60		12	20	1	1	20	10		336		BM-8 REACH-IN LIGHTS	16	
17	AL-9 REACH-IN LIGHTS			216	12	20	1	1	20	8			504	BM-9 MULTIDECK LIGHTS	18	
19	AM-1 SERVICE BAKERY LIGHTS	276			12	20	1	1	20	10	384			BM-10 REACH-IN LIGHTS	20	
21	AM-2 SERVICE DELI LIGHTS		396		12	20	1	1	20	12		96		BM-11 REACH-IN LIGHTS	22	
23	AM-3 DELI ISLAND LIGHTS			216	12	20	1	1	20	12			144	BM-12 REACH-IN LIGHTS	24	
25	AM-4 MULTIDECK DELI LIGHTS	144			12	20	1	1	20					SPARE	26	
27	AM-5 REACH-IN LIGHTS		480		12	20	1	1	20					SPARE	28	
29	AM-6 REACH-IN LIGHTS			364	12	20	1	1	20					SPARE	30	
31	SPARE				20	1	1	20						SPARE	32	
33	SPARE				20	1	1	20						SPARE	34	
35	SPARE				20	1	1	20						SPARE	36	
37	SPARE				20	1	1	20						SPARE	38	
39	SPARE				20	1	1	20						SPARE	40	
41	SPARE				20	1	1	20						SPARE	42	
SUBTOTAL		1,056	1,440	1,272						1,356	1,236	1,140				
TOTAL PHASE A - VA		2,412			LOAD		CONN. VA	DF	LOAD		CONN. VA	DF				
AMPS		29			COOLING		1.00		REFRIGERATION		1.00					
TOTAL PHASE B - VA		2,676			HEATING		0		SIGN/DISPLAY		1.25					
AMPS		22			LIGHTING		7,500	1.25	KITCHEN		1.00					
TOTAL PHASE C - VA		2,412			RECEPTACLES		10/5		EXISTING		1.00					
AMPS		20			MOTORS		1.00		LARGE MOTOR		1.25					
TOTAL PNLBD - VA		7,500			SUPP HEAT		1.00		SHOW WINDOW		1.25				9,375 VA	
AMPS		21			MISC EQUIP		1.00		LTG TRACK		1.00				26 A	

NOTES:
PROVIDE CONTACTOR TO INTERGRATE WITH REFRIGERATION EMS CONTROLS TO OPERATE REFRIGERATED CASE LIGHTS

PANELBOARD: C1 (NEW)																
EQUIPMENT GROUND BUS																
BUS AMPS: 60A MAIN SIZE/TYPE: MLO VOLTS/PHASE: 240/120V, 1PH, 3W SERVES: LOCATION: COMPUTER ROOM #127																
AIC RATING-10,000 FULLY RATED																
MOUNTING SURFACE																
CKT NO.	DESCRIPTION	VAPHASE			WIRE			BKR			P			DESCRIPTION	CKT NO.	
		A	B	C	NO.	AMP	NO.	AMP	NO.	AMP	NO.	AMP				
1	CASH REGISTERS	800			10	20	1	1	20	12	800			COMPUTER RACK	2	
3	CASH REGISTERS		800		10	20	1	1	20	12		800		COMPUTER RACK	4	
5	CASH REGISTERS	800			10	20	1	1	20	12	800			COMPUTER RACK	6	
7	CASH REGISTERS		800		10	20	1	1	20	12		800		COMPUTER RACK	8	
9	CASH REGISTERS	800			10	20	1	1	20	10	800			SECURITY RECEPITS	10	
11	CASH REGISTERS		800		10	20	1	1	20					SPARE	12	
13	CASH REGISTERS	800			10	20	1	1	20					SPARE	14	
15	CASH REGISTERS		800		10	20	1	1	20					SPARE	16	
17	CASH REGISTERS	800			10	20	1	1	20					SPARE	18	
19	CASH REGISTERS		800		10	20	1	1	20					SPARE	20	
21	SPARE				20	1	1	20						SPARE	22	
23	SPARE				20	1	1	20						SPARE	24	
25	SPARE				20	1	1	20						SPARE	26	
27	SPARE				20	1	1	20						SPARE	28	
29	SPARE				20	1	1	20						SPARE	30	
SUBTOTAL		6,400			4,000	4,000					2,400	1,600				
TOTAL PHASE A - VA		6,400			LOAD		CONN. VA	DF	LOAD		CONN. VA	DF				
AMPS		53			COOLING		1.00		REFRIGERATION		1.00					
TOTAL PHASE B - VA		5,600			HEATING		0		DISPLAY CASE		1.25					
AMPS		47			LIGHTING		1.25		KITCHEN		1.00					
TOTAL PNLBD - VA		12,000			RECEPTACLES		10/5		EXISTING		1.00					
AMPS		50			MOTORS		1.00		LARGE MOTOR		1.25					
TOTAL PNLBD - VA		12,000			SUPP HEAT		1.00		SHOW WINDOW		1.25				12,000 VA	
AMPS		50			MISC EQUIP		1.00		LTG TRACK		1.00				50 A	

UPS-RELOCATE EXISTING CASH REGISTER LOAD TO NEW UPS PANELBOARD AT
VD-CONDUCTORS HAVE BEEN UPSIZED PER VOLTAGE DROP CALCULATIONS
IG-ISOLATED GROUND

PANELBOARD: F (EXISTING)																
EQUIPMENT GROUND BUS																
BUS AMPS: 225A MAIN SIZE/TYPE: MLO VOLTS/PHASE: 208Y120V, 3PH, 4W SERVES: BLDG LOCATION: STOCKROOM																
MOUNTING SURFACE																
CKT NO.	DESCRIPTION	VAPHASE			WIRE			BKR			P			DESCRIPTION	CKT NO.	
		A	B	C	NO.	AMP	NO.	AMP	NO.	AMP	NO.	AMP				
1	SPARE				20	1	1	20						SPARE	2	
3	space				20	1	1	20						SPARE	4	
5	space				20	1	1	20						SPARE	6	
7	space				20	1	1	20						SPARE	8	
9	AL-2 REACH-IN ANTI SWEAT		1,656		8	20	1	2	20					SPARE	10	
11	AL-1 REACH-IN ANTI SWEAT			2,076	6	25	1							SPARE	12	
13	AL-3 REACH-IN ANTI SWEAT	1,440			10	20	1	2	20					existing load	14	
15	AL-4 REACH-IN ANTI SWEAT		924		10	20	1							existing load	16	
17	AL-5 REACH-IN ANTI SWEAT			1,440	10	20	1	2	20					existing load	18	
19	AL-6 REACH-IN ANTI SWEAT		1,032		12	20	1							existing load	20	
21	AL-7 REACH-IN ANTI SWEAT		828		12	20	1	2	20					existing load	22	
23	AL-8 REACH-IN ANTI SWEAT			312	12	20	1							existing load	24	
25	AL-9 REACH-IN ANTI SWEAT	1,140			10	20	1	2	20					SPARE	26	
27	BL-1 DUAL TEMP A/S & EVAP		324		12	20	1							SPARE	28	
29	BL-2 DUAL TEMP A/S & EVAP		504		12	20	1	2	20					SPARE	30	
31	BL-3 DUAL TEMP A/S & EVAP	396			12	20	1							SPARE	32	
33	BL-4 DUAL TEMP A/S & EVAP		264		12	20	1	2	20					SPARE	34	
35	BM-3/4 MARKET CASE A/S			312	12	20	1							SPARE	36	
37	SPARE				20	1	1	20						SPARE	38	
39	SPARE				20	1	1	20						SPARE	40	
41	SPARE				20	1	1	20						SPARE	42	
SUBTOTAL		4,008	3,996	4,644												
TOTAL PHASE A - VA		4,008			LOAD		CONN. VA	DF	LOAD		CONN. VA	DF				
AMPS		33			COOLING		1.00		REFRIGERATION		1.00					
TOTAL PHASE B - VA		3,996			HEATING		12,648	1.00	SIGN/DISPLAY		1.25					
AMPS		33			LIGHTING		1.25		KITCHEN		1.00					
TOTAL PHASE C - VA		4,644			RECEPTACLES		10/5		EXISTING		1.00					
AMPS		39			MOTORS		1.00		LARGE MOTOR		1.25					
TOTAL PNLBD - VA		12,648			SUPP HEAT		1.00		SHOW WINDOW		1.25				12,648 VA	
AMPS		35			MISC EQUIP		1.00		LTG TRACK		1.00				35 A	

VD-CONDUCTORS HAVE BEEN UPSIZED PER VOLTAGE DROP CALCULATIONS
LO-LOCK OFF DEVICE ON BREAKER

PANELBOARD: CL (EXISTING)															
EQUIPMENT GROUND BUS															
BUS AMPS: 225A MAIN SIZE/TYPE: MLO VOLTS/PHASE: 208Y120V, 3PH, 4W SERVES: BLDG LOCATION: STOCKROOM															
MOUNTING SURFACE															
CKT NO.	DESCRIPTION	VAPHASE			WIRE			BKR			P			DESCRIPTION	CKT NO.
		A	B	C	NO.	AMP	NO.	AMP	NO.	AMP	NO.	AMP			
1	AL-2 FREEZER EVAP	432			12	20	1	1	20					neon lights	2
3	AL-1 FREEZER EVAP		540		10	20	1	1	20			800		neon lights	4
5	AL-3 FREEZER EVAP			504	12	20	1	1	20			800		neon lights	6
7	AL-4 FREEZER EVAP	324			12	20	1	1	20			800		neon lights	8
9	AL-5 FREEZER EVAP		504		12	20	1	1	20	10		504		BM-7 REACH-IN EVAP	10
11	AL-6 FREEZER EVAP		360		12	20	1	1	20	10		360		BM-8 REACH-IN EVAP	12
13	AL-7 FREEZER EVAP	288			12	20	1	1	20	10		576		BM-9 REACH-IN EVAP	14
15	AL-8 FREEZER EVAP		108		12	20	1	1	20	6		1,152		BM-10 MULTIDECK EVAP	16
17	AL-9 FREEZER EVAP			396	12	20	1	1	20	12		288		BM-11 REACH-IN EVAP	18
19	AM-5 DAIRY EVAP	360			12	20	1	1	20	12	72			BM-12 REACH-IN EVAP	20
21	AM-6 DAIRY EVAP		288		12	20	1	1	20	6		1,068		BM-13 MULTIDECK EVAP FANS	22
23	AM-8 DAIRY EVAP			576	12	20	1	1	20	12		108		BM-14 REACH-IN EVAP	24
25	coffee grinder	800			20	1	1							space	26
27	space				20	1	1							space	28
29	AM-5 DAIRY EVAP			576	12	20	1	1						space	30
31	AM-8 DAIRY EVAP	576			12	20	1	1						space	32
33	BM-1 MULTIDECK EVAP		312		12	20	1	1						space	34
35	BM-2 MULTIDECK EVAP			312	12	20	1	1						space	36
37	BM-3/4 MARKET CASE EVAP	192			12	20	1	1						space	38



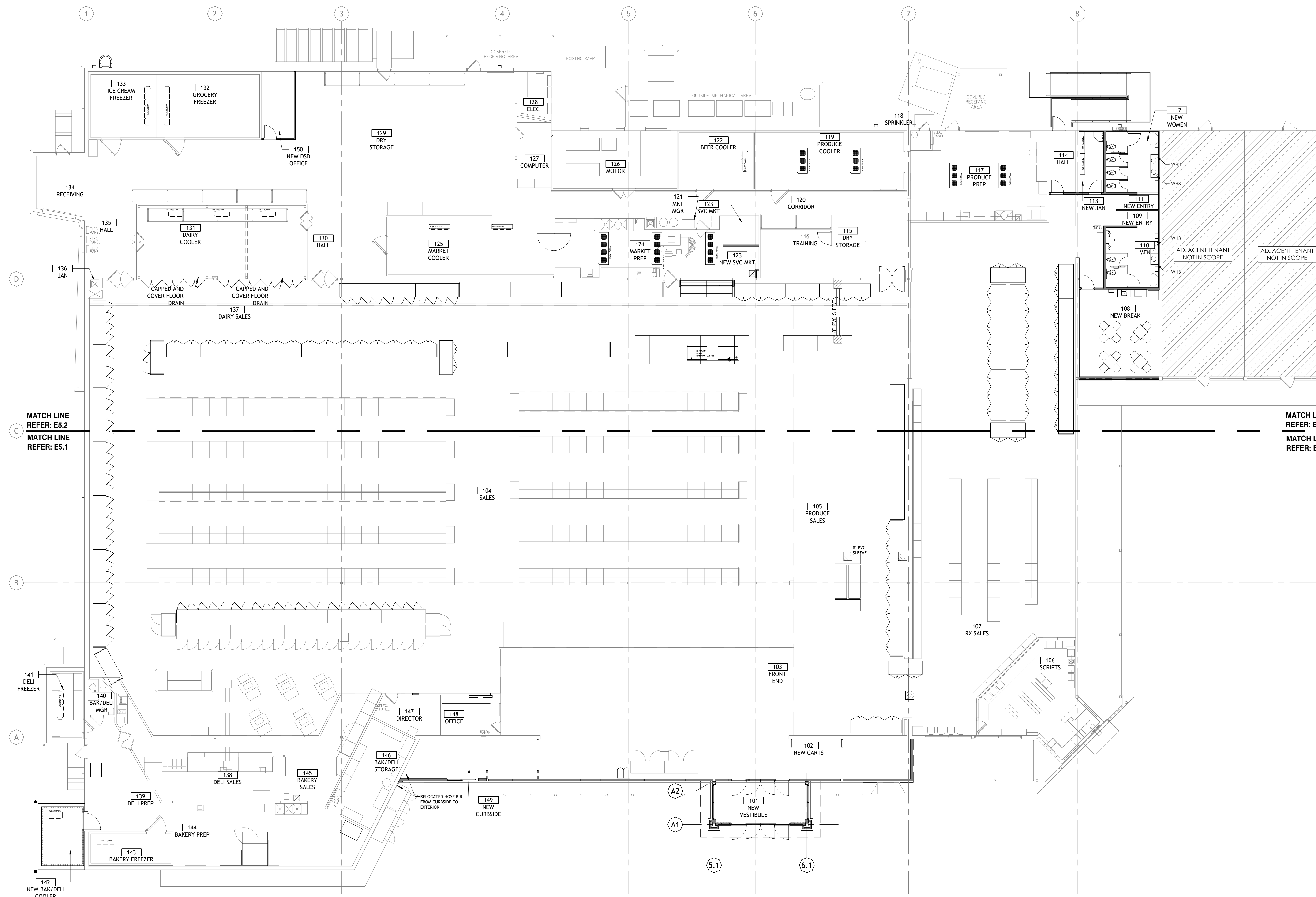
11/11/24

Drawn: K.NORBURY
Reviewed: K.CRAIG
Sheet Date: 03/05/24
Proj. Number: BGC.37947.RR

GENERAL REFRIGERATION ELECTRICAL NOTES

- COORDINATE ALL WORK WITH REFRIGERATION CONTRACTOR (R.C.) PRIOR TO INSTALLATION.
- REFRIGERATED CASES, E.C. SHALL PROVIDE CONDUIT AND WIRE FOR REFRIGERATED CASE FANS, LIGHTS AND ANTI-SWEAT HEATERS AND (IF APPLICABLE) ELECTRICAL DEFROST. PROVIDE ADEQUATE CONDUCTOR LENGTH TO ALLOW TERMINATION. NEATLY BUNDLE CIRCUITS AND CLEARLY TAG AND LABEL EACH CIRCUIT WITH BRANCH CIRCUIT DESIGNATION AND REFRIGERATION SYSTEM NUMBER FOR FINAL TERMINATION AT CASE BY R.C. REF. CASE CONNECTION WIRING DETAIL.
- IF NEW CASES ARE PROVIDED WITH A FACTORY INSTALLED TERMINAL STRIP AND JUMPERS FOR CONNECTION TO A SINGLE CIRCUIT FOR 120V CASE LOADS, R.C. SHALL REMOVE FACTORY INSTALLED JUMPERS AS REQUIRED TO UTILIZE EXISTING SEPARATE 120V FAN/LIGHT/ANTI-SWEAT CIRCUITS AS INDICATED ON PLANS AND/OR PANELBOARD SCHEDULES. ANY EXISTING ANTI-SWEAT CONTROL (HEATER/RESISTOR) SHALL BE BY-PASSED. CASES UTILIZING ELECTRICAL DEFROST WILL BE PROVIDED WITH SEPARATE 208V TERMINATIONS AT THE TERMINAL STRIP FOR CONNECTION TO THE 208V ELECTRIC DEFROST CIRCUIT. R.C. SHALL MAKE FINAL TERMINATIONS OF 120V AND 208V POWER CIRCUIT(S) AT CASE TERMINAL STRIP. REFER TO CASE CONNECTION SCHEMATIC ON REFRIGERATION SHEETS.
- WALK-IN UNITS: PROVIDE CONDUIT AND WIRE FOR EVAPORATOR COIL FANS (CF) AND (IF APPLICABLE) ELECTRICAL DEFROST (ED). PROVIDE ADEQUATE CONDUCTOR LENGTH TO ALLOW TERMINATION. NEATLY BUNDLE CIRCUITS AND CLEARLY TAG AND LABEL EACH CIRCUIT WITH BRANCH CIRCUIT DESIGNATION AND REFRIGERATION SYSTEM NUMBER FOR FINAL TERMINATION AT COIL BY R.C. REF. EVAPORATOR COIL WIRING DETAIL.
- ROUTE REFRIGERATED CASE AND WALK-IN UNIT COIL FAN, LIGHTS, ANTI-SWEAT AND DEFROST CIRCUITS TO WIREWAYS PROVIDED AT REFRIGERATION EQUIPMENT AND/OR PANELBOARDS AS REQUIRED.
- REFRIGERATED CASE WIRING COMPARTMENT REPRESENTED ON DRAWING BY JUNCTION BOX.
- KEEP PENETRATIONS THROUGH WALK-IN UNITS TO A MINIMUM. ROUTE ALL CONDUITS SERVING FREEZERS AND COOLERS ON INSIDE OF BOX.
- ALL CONDUITS INSTALLED ON TOP OF WALK-IN UNITS SHALL BE A MINIMUM OF 6" FROM ANY EDGE TO ALLOW SPACE FOR EDGE PROTECTION NETTING. DO NOT ROUTE CONDUITS ABOVE THE CEILING GRID ACCESS UNLESS CONDUITS ARE INSTALLED IN JOIST SPACE, REF. ARCH.
- UNDERSLAB CIRCUITS SHALL NOT BE ROUTED UNDER WALK-IN FREEZERS AND SHALL BE ROUTED ABOVE REFRIGERANT LINES WHERE THEY CROSS.
- CIRCUITS FOR REFRIGERATED CASES SERVED BY UNDERSLAB REFRIGERATION PIPING ARE TO BE ROUTED UNDERSLAB AND EXTENDED TO THE FIRST CASE IN EACH SYSTEM. WIRING AND CONDUIT FOR SLAVE WIRING BETWEEN CASES SHALL BE PROVIDED BY R.C. REFER TO UNDERSLAB CASE CONNECTION WIRING DETAIL.
- ALL UNDERSLAB CONDUITS SHALL BE 3/4" MIN.
- CIRCUITS FOR REFRIGERATED CASES SERVED BY OVERHEAD REFRIGERATION PIPING ARE TO BE ROUTED DOWN FROM STRUCTURE AT THE SAME LOCATION AS THE REFRIGERATION PIPING AND EXTENDED TO THE FIRST CASE IN EACH SYSTEM. WIRE AND CONDUIT FOR SLAVE WIRING BETWEEN CASES SHALL BE PROVIDED BY THE R.C. REFER TO OVERHEAD CASE CONNECTION WIRING DETAIL.
- ON GROUPS OF THREE OR MORE REFRIGERATED CASES WITH ELECTRIC DEFROST, R.C. SHALL CONNECT CASES TO CREATE A THREE-PHASE HEATER CIRCUIT. HEATER LOADS SHALL BE BALANCED BETWEEN PHASES AS EVENLY AS POSSIBLE. REF. CASE DEFROST WIRING DETAIL.
- PROVIDE A SEPARATE NEUTRAL FOR EACH NEW BRANCH CIRCUIT SERVING REFRIGERATED CASES OR WALK-IN UNITS AS INDICATED ON PLANS.
- PROVIDE CIRCUIT BREAKER LOCKING DEVICE (LOCK-OUT FOR MAINTENANCE) ON NEW AND/OR EXISTING CIRCUIT BREAKERS SERVING REFRIGERATED CASES.
- REFERENCE ARCHITECTURAL DEMOLITION PLANS FOR FULL EXTENT OF DEMOLITION WORK REQUIRED.

REFERENCE SHEET E2.0 FOR PANELBOARD LOCATIONS



1 OVERALL REFRIGERATION POWER PLAN
SCALE: 3/32" = 1'-0"

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	ISSUED FOR BID/PERMIT SET

ISSUED FOR:	<input type="checkbox"/> PRELIMINARY
	<input type="checkbox"/> REVIEW
	<input type="checkbox"/> PERMIT
	<input type="checkbox"/> BIDDING
	<input type="checkbox"/> CONSTRUCTION

DATE
09/23
PROJECT NO.
4090600-0
STORE NO.
906
SHEET NO.
E5.0

AS OF: 11/11/24

ELECTRICAL GENERAL NOTES

- MINIMUM CIRCUIT REQUIREMENTS SHOWN. EC TO VERIFY IF THE CIRCUITRY SERVING THE EXISTING UNITS MEETS THE REQUIREMENTS FOR THE CORRESPONDING NEW UNITS AND UPDATE EXISTING PANEL DIRECTORY AS REQUIRED. IF EXISTING IS NOT ADEQUATE, EC TO RUN NEW CIRCUITS WITH WIRE SIZES AS INDICATED.

ELECTRICAL KEY NOTES

- CONNECT CIRCUIT(S) TO EXISTING BRANCH CIRCUITRY. MINIMUM WIRE SIZE AND PANELBOARD CIRCUIT ARE NOTED. VERIFY SIZE RATING AND CONDITION OF EXISTING BRANCH CIRCUIT CONDUIT AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET REQUIRED SIZE, AND ALL U.L. RATINGS AND REPLACE AS REQUIRED
- E.C SHALL REMOVE EXISTING CONTACTOR IN RACK CABINET AND CONNECT CIRCUITRY DIRECTLY TO CIRCUIT OVERCURRENT PROTECTION DEVICE. REFRIGERATION SYSTEM EVAPORATOR FAN/DEFROST CIRCUITS SHALL BE CONTROLLED BY FACTORY INSTALLED CONTROLS IN NEW CASES OR BY FIELD INSTALLED CONTROLS AT WALK-INS. IF REQUIRED, E.D.C. SHALL INSTALL NEW VENDOR FURNISHED OVERCURRENT PROTECTION DEVICE FOR REFRIGERATION SYSTEM EVAPORATOR FAN/DEFROST CIRCUIT OVERCURRENT PROTECTION DEVICE, IF NEEDED. MOUNT NEMA 1 ENCLOSURE AS CLOSE AS POSSIBLE TO EXISTING RACK CABINET. REFER TO REFRIGERATION LEGENDS
- ROUTE COIL FAN (CF) AND/OR ELECTRIC DEFROST (ED) CIRCUITS FROM THE BAS CONTROLLER. FINAL TERMINATIONS AT ENCLOSURE BY R.C.

CORE STATES
GROUP

111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com

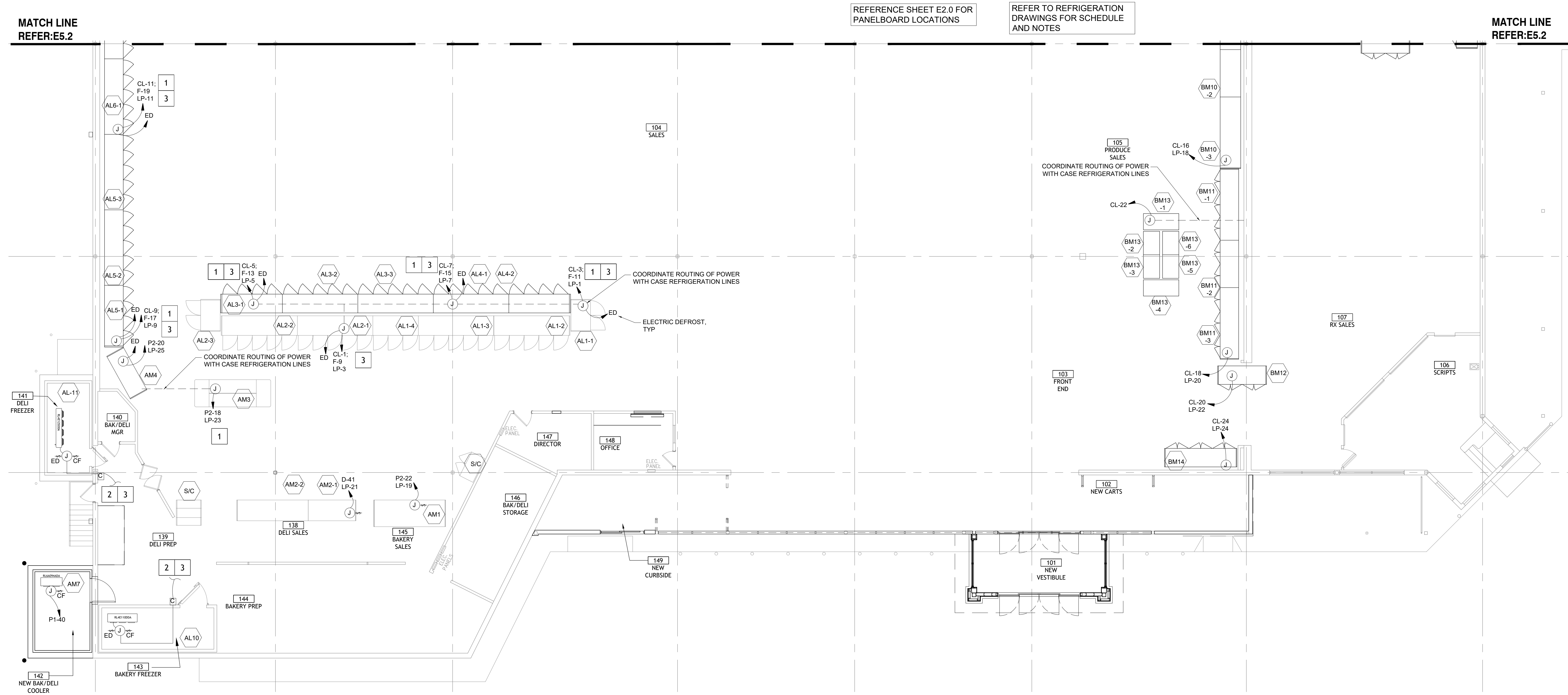
11/11/24

Drawn: K.NORBURY
Reviewed: K.CRAIG
Sheet Date: 03/05/24
Proj. Number: BGC.37947.RR

BGC fs
BROOKSHIRE
GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK



REFERENCE SHEET E2.0 FOR
PANELBOARD LOCATIONS

REFER TO REFRIGERATION
DRAWINGS FOR SCHEDULE
AND NOTES

MATCH LINE
REFER: E5.2

MATCH LINE
REFER: E5.2

1 REFRIGERATION POWER PLAN WEST
SCALE: 1/8" = 1'-0"

REMODEL
Reason's
1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	ISSUED FOR BID/PERMIT SET

ISSUED FOR:
<input type="checkbox"/> PRELIMINARY
<input type="checkbox"/> REVIEW
<input type="checkbox"/> PERMIT
<input type="checkbox"/> BIDDING
<input type="checkbox"/> CONSTRUCTION

DATE
09/23

PROJECT NO.
4090600-0

STORE NO.
906

SHEET NO.
E5.1

AS OF: 11/11/24

ELECTRICAL GENERAL NOTES


- MINIMUM CIRCUIT REQUIREMENTS SHOWN. EC TO VERIFY IF THE CIRCUITRY SERVING THE EXISTING UNITS MEETS THE REQUIREMENTS FOR THE CORRESPONDING NEW UNITS AND UPDATE EXISTING PANEL DIRECTORY AS REQUIRED. IF EXISTING IS NOT ADEQUATE, EC TO RUN NEW CIRCUITS WITH WIRE SIZES AS INDICATED.

ELECTRICAL KEY NOTES

- CONNECT CIRCUIT(S) TO EXISTING BRANCH CIRCUITRY. MINIMUM WIRE SIZE AND PANELBOARD CIRCUIT ARE NOTED. VERIFY SIZE RATING AND CONDITION OF EXISTING BRANCH CIRCUIT CONDUIT AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET REQUIRED SIZE, AND ALL U.L. RATINGS AND REPLACE AS REQUIRED
- E.C SHALL REMOVE EXISTING CONTACTOR IN RACK CABINET AND CONNECT CIRCUITRY DIRECTLY TO CIRCUIT OVERCURRENT PROTECTION DEVICE. REFRIGERATION SYSTEM EVAPORATOR FAN/DEFROST CIRCUITS SHALL BE CONTROLLED BY FACTORY INSTALLED CONTROLS IN NEW CASES OR BY FIELD INSTALLED CONTROLS AT WALK-IN'S. IF REQUIRED, E.C. SHALL INSTALL NEW VENDOR FURNISHED OVERCURRENT PROTECTION DEVICE FOR REFRIGERATION SYSTEM EVAPORATOR FAN/DEFROST CIRCUIT OVERCURRENT PROTECTION DEVICE, IF NEEDED. MOUNT NEMA 1 ENCLOSURE AS CLOSE AS POSSIBLE TO EXISTING RACK CABINET. REFER TO REFRIGERATION LEGENDS
- ROUTE COIL FAN (CF) AND/OR ELECTRIC DEFROST (ED) CIRCUITS FROM THE BAS CONTROLLER. FINAL TERMINATIONS AT ENCLOSURE BY R.C.

CORE STATES GROUP

111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com



11/11/24

Drawn: K.NORBURY
Reviewed: K.CRAIG
Sheet Date: 03/05/24
Proj. Number: BGC.37947.RR

BGC fs
BROOKSHIRE GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	ISSUED FOR BID/PERMIT SET

ISSUED FOR:

PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

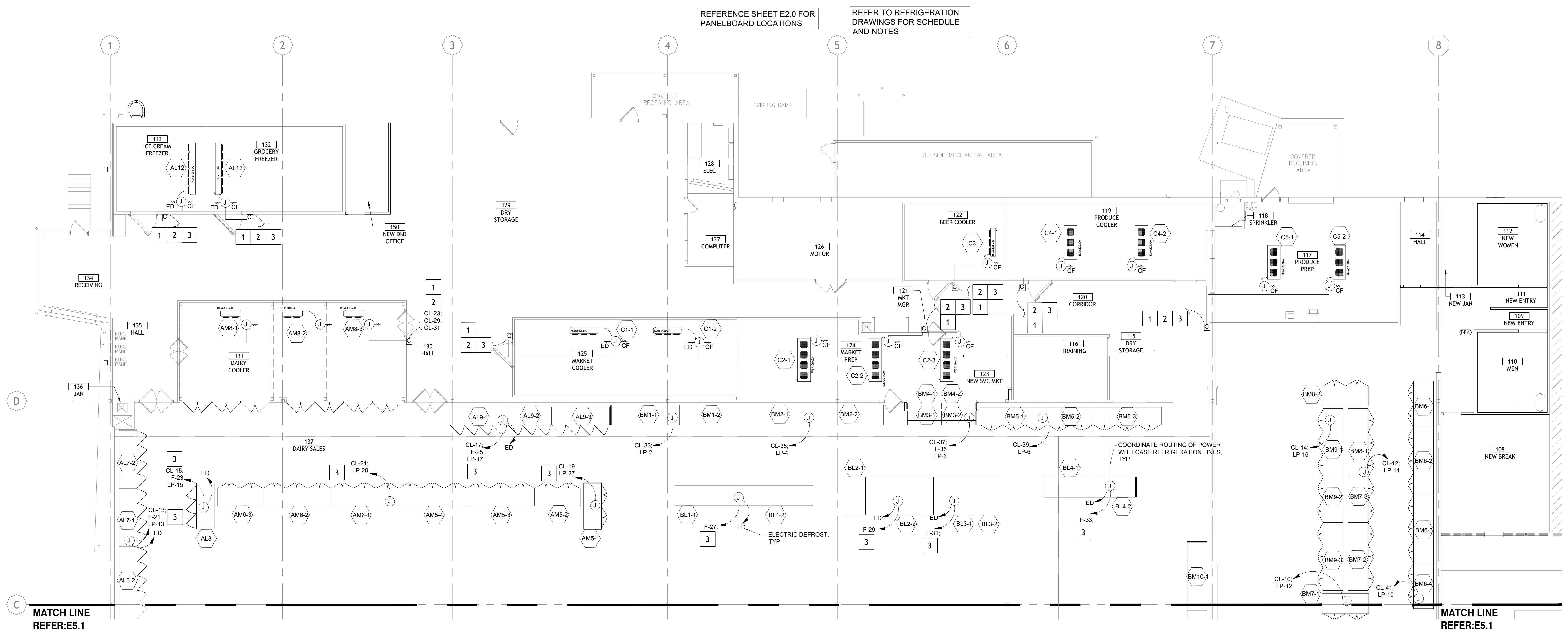
DATE: **09/23**

PROJECT NO: **4090600-0**

STORE NO.: **906**

SHEET NO.: **E5.2**

AS OF: 11/11/24



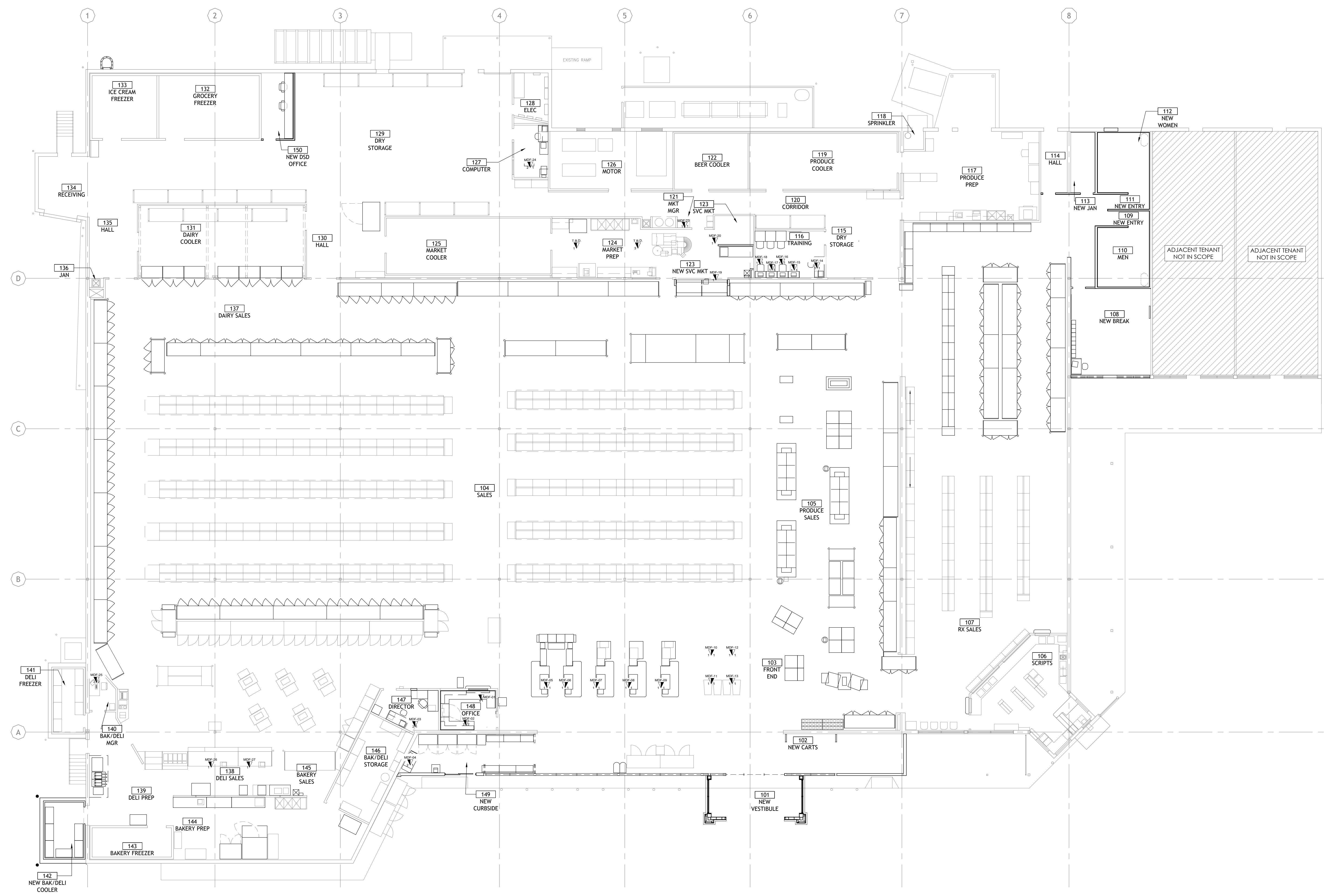
CORE STATES

GROUP

111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com



Drawn: K.NORBURY
Reviewed: K.CRAIG
Sheet Date: 03/05/24
Proj. Number: BGC.37947.RR



SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	WALL MOUNTED OUTLET WITH "X" FOR NUMBER OF CABLES (PHONE ON LEFT, DATA ON RIGHT)
	CEILING MOUNTED WIRELESS ACCESS POINT -LEFT SIDE "XXX" INDICATES MDF OR DF -RIGHT SIDE APXX "XX" INDICATES NUMBERING
	FIXTURE DATA AND PHONE OUTLET WITH "Y" FOR NUMBER OF CABLES (PHONE ON LEFT, DATA ON RIGHT)
	FIXTURE OUTLET WITH "X" FOR NUMBER OF CABLES

MDF DISTRIBUTION SCHEDULE			
PANEL	DESCRIPTION	NUMBER OF CONNECTIONS	
		FIBER	DATA
MDF	DMARC	1	4

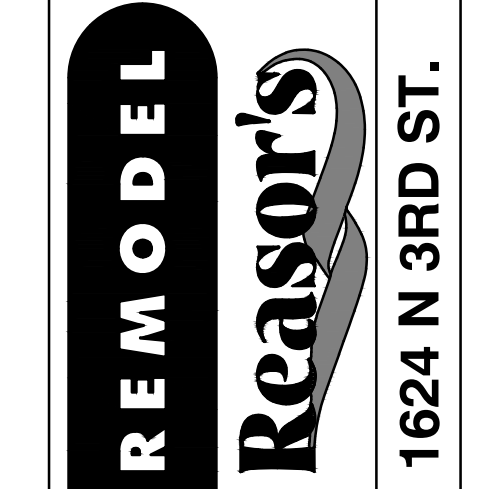
PATCH PANEL INDEX SCHEDULE (MDF)			
PANEL	LOCATION	NUMBER OF CONNECTIONS	
		PHONE	DATA
MDF-01	148 SERVICE (DESK)	4	1
MDF-02	148 SERVICE (DESK)	2	2
MDF-03	147 DIRECTOR	2	1
MDF-04	149 CURBSIDE	2	1
MDF-05	103 FRONT END (CHECKOUT #1)	1	1
MDF-06	103 FRONT END (CHECKOUT #2)	1	1
MDF-07	103 FRONT END (CHECKOUT #3)	1	1
MDF-08	103 FRONT END (CHECKOUT #4)	1	1
MDF-09	103 FRONT END (CHECKOUT #5)	1	1
MDF-10	104 FRONT END (SELF-CHECKOUT #6)	1	1
MDF-11	104 FRONT END (SELF-CHECKOUT #7)	1	1
MDF-12	104 FRONT END (SELF-CHECKOUT #8)	1	1
MDF-13	104 FRONT END (SELF-CHECKOUT #9)	1	1
MDF-14	116 TRAINING (DESK)	1	1
MDF-15	116 TRAINING (DESK)	1	1
MDF-16	116 TRAINING (DESK)	1	1
MDF-17	116 TRAINING (DESK)	1	1
MDF-18	116 TRAINING (DESK)	1	1
MDF-19	123 SVC MKT (SCALE)	1	0
MDF-20	123 SVC MKT (SCALE)	1	0
T.B.D.	124 MARKET PREP	3	0
T.B.D.	124 MARKET PREP	1	0
MDF-23	121 MKT MGR (DESK)	1	1
MDF-24	127 RECEIVING OFFICE	2	1
MDF-25	140 BAK/DELI MGR (DESK)	2	2
MDF-26	138 DELI SALES (SCALE)	1	0
MDF-27	138 DELI SALES (SCALE)	1	0

PATCH PANEL LEGEND	
	PANEL IDENTIFIER
	NUMBERING SEQUENCE
	MDF LOCATIONS: 146,110,115,114,113,150,100,110,111, 116,120



430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK



1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION

ISSUED FOR:
<input type="checkbox"/> PRELIMINARY
<input type="checkbox"/> REVIEW
<input type="checkbox"/> PERMIT
<input type="checkbox"/> BIDDING
<input type="checkbox"/> CONSTRUCTION

DATE: **09/23**
PROJECT NO: **4090600-0**
STORE NO.: **906**
SHEET NO.: **E6.0**

AS OF: 11/11/24

GENERAL INFORMATION

BROOKSHIRE'S GROCERY COMPANY IS REQUESTING PROPOSALS FOR NEW STRUCTURED CABLING INFRASTRUCTURE TO BE INSTALLED AT OUT FACILITY BROOKSHIRE'S #12 GUNBARREL CITY, LA. THE PROJECT IS TO PROVIDE VOICE/DATA CABLING INFRASTRUCTURE TO NEW LOCATION.

CONTRACTORS QUALIFICATIONS AND REQUIREMENTS

- A. CONTRACTOR SHALL DESIGN AND PROVIDE ALL MATERIALS TO INSTALL A COMPLETE STRUCTURE CABLING SOLUTION SUPPORTING VOICE AND DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMMUNICATIONS INFRASTRUCTURE COMPLIANT TO CURRENT STANDARDS, INCLUDING THE PROCUREMENT OF PRODUCTS, INSTALL OF CABLING INFRASTRUCTURE, CABLE PATHWAYS AS NEEDED, FIRE STOPPING, VERIFICATION OF PERFORMANCE AND DOCUMENTATION.
- B. THE CONTRACTOR MUST BE CERTIFIED BY ALL MANUFACTURERS OF ANY CABLING SOLUTIONS THAT WILL BE INSTALLED.
- C. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES AND PERMITS REQUIRED TO ANY GOVERNMENTAL AGENCY HAVING JURISDICTION OVER THE WORK IN THE PROPOSAL. THE CONTRACTOR SHALL ARRANGE FOR ANY REQUIRED INSPECTION.
- D. CONTRACTOR SHALL VISIT THE WORK SITE BEFORE PROPOSAL WILL BE ACCEPTED. NO ALLOWANCE SHALL BE MADE TO THE CONTRACTOR FOR ANY EXTRA EXPENSES, DUE TO FAILURE OR NEGLECT TO DISCOVER UNFORESEEN CONDITIONS AFFECTING THE WORK.
- E. CONTRACTOR EMPLOYEES SHALL ACT IN A PROFESSIONAL MANNER AND DRESS APPROPRIATELY FOR THE TASK. NO PERSON SHALL BRING ALCOHOLIC BEVERAGES, CONTROLLED SUBSTANCE, FIREARMS, OR ANIMALS TO THE JOB SITE. UNACCEPTABLE ATTIRE INCLUDES BUT NOT LIMITED TO TANK TOPS, SHORTS, OBSCENE TATTOOS, OFFENSIVE WORDING ON CLOTHING, OR TATTERED CLOTHING.
- F. CONTRACTOR SHALL CLEAR THE WORK AREA AFTER EACH SHIFT. IF AVAILABLE SPACE EXISTS, CONTRACTOR EQUIPMENT AND MATERIALS MAY BE STORED AT THE FACILITY WITH APPROVAL OF THE OWNER. ALL PACKING MATERIAL SHALL BE DISPOSED OF AT THE END OF EACH DAY. THE OWNER WILL NOT BE RESPONSIBLE FOR LOSS, THEFT OR DAMAGE OF ANY EQUIPMENT OR MATERIAL.
- G. CONTRACTOR SHALL FOLLOW THE SECURITY POLICIES AND PROCEDURES DEFINED BY THE OWNER. THIS MAY INCLUDE PROVIDING KEY ACCESS, CREATING ACCESS BADGES AND ESCORTS IN RESTRICTED AREAS.
- H. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING STRUCTURES AND FURNITURE. ANY ITEMS THAT ARE DAMAGED DURING THE WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- I. CONTRACTOR SHALL PROVIDE SCISSOR LIFT DIAPER TO CONTAIN HYDRAULIC OIL OR OTHER FLUID LEAKAGE OR SPILLS.
- J. OWNER WILL PROVIDE THE CONTRACTOR WITH REASONABLE ACCESS TO THE JOB SITE. THE OWNER MUST APPROVE ANY WORK THAT REQUIRES ACCESS OUTSIDE SET TIME PARAMETERS.
- K. CONTRACTOR WILL PROVIDE A PROJECT PLAN. THIS PLAN SHALL IDENTIFY TASKS, TIMELESS AND COMPLETION DATE. THE PROJECT PLAN SHALL CONTAIN UNIT COSTS FOR ALL MATERIAL AND A SCHEDULE OF VALUES FOR LABOR ACTIVITIES. THE PLAN MUST INCLUDE A UNIT COST FOR ADDITIONAL TYPICAL VOICE/DATA OUTLETS IF ADDED PRIOR TO CABLE BEING PULLED. ANY CHANGES TO THE DEFINED SCHEDULE SHALL BE EMAILED TO THE OWNER.
- L. CONTRACTOR SHALL ASSIGN A PROJECT MANAGER. THE PROJECT MANAGER SHALL EMAIL A WEEKLY PROGRESS REPORT TO THE OWNER PROJECT TEAM MEMBERS EVERY THURSDAY OF EACH WEEK. A CENTRAL OFF-HOURS EMERGENCY CONTACT NUMBER SHALL BE AVAILABLE FOR EVENING AND WEEKENDS.
- M. CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS TO ENSURE A SAFE WORK ENVIRONMENT FOR EMPLOYEES, CONTRACTORS, AND VISITORS.
- N. CONTRACTOR WILL MAKE A REASONABLE EFFORT TO NOT BE DISRUPTIVE TO OTHER CONTRACTORS OR WORKING STAFF AT THE JOB SITE.
- O. CONTRACTOR WILL INSTALL ONLY MATERIAL THAT IS NEW AND UNDAMAGED. REFURBISHED OR USED MATERIALS ARE NOT ACCEPTABLE.
- P. OWNER EXPECTS THE WORKMANSHIP TO BE OF HIGH QUALITY. ALL EQUIPMENT SHALL BE PLUMB AND TRUE WITH THE STRUCTURE. ALL MATERIALS SHALL BE FIRMLY SECURED IN PLACE, ADEQUATELY SUPPORTED AND PERMANENT.
- Q. OWNER WILL CONSIDER THE PROJECT COMPLETE WHEN ALL WORK HAS BEEN COMPLETED THE FINAL DOCUMENTATION DELIVERED AND THE WORKSITE HAS BEEN CLEANED TO THE OWNER'S SATISFACTION.
- R. CONTRACTOR AGREES TO REPLACE OR REPAIR AS NEW ANY DEFECTIVE WORK OR MATERIALS WHICH ARE IDENTIFIED BY THE OWNER WITHIN 1 YEAR OF FINAL PAYMENT.
- S. INSURANCE REQUIREMENTS PER THE CONTRACTOR POCKET.

CODES, STANDARDS, AND BEST PRACTICES

- A. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST CODES, STANDARDS, AND BEST PRACTICES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ACCESS TO EACH DOCUMENT. IN THE CASE THAT ONE OF THE FOLLOWING DOCUMENTS HAS A RATIFIED UPDATE OR ADDENDUM, IT SHALL BE INCORPORATED INTO THIS SCOPE OF WORK. IF MULTIPLE DOCUMENTS PROVIDE DIFFERENT REQUIREMENTS, THE STRICTEST REQUIREMENTS SHALL BE FOLLOWED. **NOT ALL DOCUMENTS MAY APPLY TO THIS PROJECT.**
- I. ANS/TIA/EIA - 568-B.1 - TELECOMMUNICATIONS CABLING STANDARDS, PART 1 : GENERAL REQUIREMENTS (INCLUDING ALL LATEST)
- II. ANS/TIA/EIA - 568-B.2 - TELECOMMUNICATIONS CABLING STANDARD, PART 2 : BALANCED TWISTED PAIR CABLING COMPONENTS
- III. ANS/TIA/EIA - 568-B.3 - TELECOMMUNICATIONS CABLING STANDARD, PART 3 : OPTICAL FIBER CABLING COMPONENTS STANDARD
- IV. ANS/TIA/EIA - 526-7 - MEASUREMENT OF OPTICAL POWER LOSS OF INSTALLED SINGLE - MODE FIBER CABLE PLANT
- V. ANS/TIA/EIA - MEASUREMENT OF OPTICAL POWER LOSS OF INSTALLED MULTIMODE FIBER CABLE PLANT
- VI. ANS/TIA/EIA - 569-A - PATHWAY AND SPACES
- VII. ANS/TIA/EIA - 606-A - ADMINISTRATION STANDARD FOR THE BUILDING (LABELING IDENTIFIERS WILL BE PROVIDED BY OWNER, IF REQUIRED)
- VIII. ANS/TIA/EIA - 606-A - COMMERCIAL BUILDING GROUNDING/BONDING REQUIREMENTS
- IX. ANS/TIA/EIA - 942 - TELECOMMUNICATION INFRASTRUCTURE STANDARDS FOR DATA CENTERS
- X. BICSI - TELECOMMUNICATION DISTRIBUTION METHODS MANUAL (LATEST ADDITION)
- XI. BICSI - CABLING INSTALLATION MANUAL (LATEST VERSION)
- XII. ADA - AMERICAN WITH DISABILITIES ACT
- XIII. ISO/JEC 11801 - GENERIC CABLING FOR CUSTOMER PREMISE STANDARD (INCLUDING ALL THE LATEST AMENDMENTS AND APPLICABLE ADDENDA)
- XIV. ALL FEDERAL, STATE, AND LOCAL CODES

I. EXECUTION

- 1. MDF --- LOCATED WITHIN THE NOTED COMPUTER ROOM LOCATION
 - a. INSTALL 7" FREESTANDING 19" LAN RACKING WITH VERTICAL MANAGEMENT BETWEEN EACH RACK.
 - b. SECURE RACKING TO WALL WITH 12" REQUIRED CABLE LADDER, ONE FOR EACH RACK.
 - c. ONLY VELCRO STRAPPING WILL BE ACCEPTABLE IN THE AREAS OF THE MDF. NO NYLON TIE WRAPS SHALL BE USED.
- 2. IDF --- LOCATED PER BUILDING PRINTS.
 - a. INSTALL 1/4" PLYWOOD BACKBOARD.
 - b. INSTALL WALL MOUNTED CABINET ON PROVIDED PLYWOOD BACKBOARD.
 - c. INSTALL FAN KIT IN EACH CABINET INSTALLED.
 - d. INSTALL (1) 48 PORT PATCH PANELS.
 - e. INSTALL (1) 1U WIRE MANAGEMENT.
 - f. INSTALL (1) 2U WIRE MANAGEMENT.
 - g. INSTALL (1) 1U RACK MOUNTED FIBER ENCLOSURE W/ 6-POSITION ADAPTER PLATE.
 - h. TERMINATE (1) 12-STRAND FIBER USING LC STYLE CONNECTOR.
 - i. ONLY VELCRO STRAPPING WILL BE ACCEPTABLE IN IDF LOCATION, NO NYLON TIE WRAPS SHALL BE USED.
 - j. INSTALL AND TERMINATE (3) CATEGORY 5E CABLING BETWEEN MDF AND IDF LOCATION. INSTALL CONDUIT FROM FLOOR OR OVERHEAD TO MATCH SIZE OF EXISTING CONDUIT INSTALLED DURING ROUGH-IN.
- 3. WORKSTATION --- THESE ARE DEFINED IN DIFFERENT AREAS THROUGHOUT THE LOCATION AND INCLUDE, BUT NOT LIMITED TO POS CHECKSTANDS, KIOSKS, SERVICES CENTER, CASH OFFICE, PHARMACY, SCALES, PHONE SETS, ETC.
 - a. TERMINATE CATEGORY 5E CABLE ON CATEGORY 5E JACK AND INSTALL IN DEFINED HOUSING OR FACE PLATE.
 - b. ROUTE CABLING AND SECURE USING SELECTED TYPE J-HOOKS, ESTABLISHED PATHWAYS OR CONDUITS.
 - c. INSTALLATION OF WIRE MOLD MAYBE REQUIRED TO ESTABLISH PATHWAYS TO SOME LOCATIONS, I.E. SCALES.
 - d. A PULL STRIPS IS TO BE PLACED IN ALL ESTABLISHED PATHWAYS FOR FUTURE USE.
- 4. SECURITY / ARUBA WIFI AP
 - a. TERMINATE CATEGORY 5E CABLE ON RJ45 CRIMP STYLE MALE CONNECTOR LEAVING 10' SERVICE LOOP AT EACH TERMINATION.
 - b. SEAL ANY EXTERIOR OR COOLER PANEL WALL PENETRATIONS WITH APPROVED SEALANT.
 - c. INSTALLATION OF UP TO (20) AP UNITS INCLUDING (5) OUTDOOR UNIT.
- 5. MECHANICAL --- EQUIPMENT DEFINED AS LIGHTING, REFRIGERATION, AIR CONDITIONING
 - a. TERMINATE CATEGORY 5E CABLE ON CATEGORY 5E JACK AND INSTALL IN DEFINED HOUSING OR FACE PLATE.
- 6. TELECOMMUNICATION
 - a. TERMINATE 25 PAIR CABLING AT ALL PHONE BOARDS, FUEL STATION KIOSK, COMPUTER ROOM AND ELECTRICAL ROOM.
 - b. TERMINATE AND LABEL REQUIRED CABLING PER PRINT LOCATIONS.
 - c. CATEGORY 3 CABLE FOR CASH OFFICE AND SERVICE CENTER.
 - d. TERMINATE AND LABEL (4) CATEGORY 5E CABLE AT MDF AND DMARC
 - e. (6) STRAND FIBER FROM MDF TO DMARC

II. DOCUMENTATION

- A. PERFORMANCE TEST RESULTS
- I. CONTRACTOR SHALL PROVIDE TESTER GENERATED DOCUMENTATION FOR THE VOICE, DATA CONNECTIONS AND FIBER OPTIC CABLING.
- II. THE RESULTS SHALL BE PROVIDED IN HARD AND SOFT FORMATS.
- B. SITE DOCUMENTATION
 - I. AS-BUILT DRAWING SHALL BE PROVIDED IDENTIFYING THE LOCATION OF DATA AND VOICE CONNECTIONS, CABLE PATHWAYS AND INSTALLED FIRESTOP.
 - II. THE DIAGRAMS SHALL BE IN HARD COPY AND SOFT COPY FORMATS.
 - III. OWNER WILL SUPPLY CONTRACTOR WITH CABLE INDEXING. INDEX WILL ALSO BE NOTED IN DETAIL ON SUPPLIED BUILDING PRINTS.
- III. PRODUCT REQUIREMENTS
 - A. MDF
 - I. (1) 7" DUAL EQUIPMENT RACK --- # OR-19-84-T4SDA2132
 - II. (2) VENTED ADJUSTABLE SHELF --- # OR-ESV-19-FDR2732
 - III. (2) 7" EQUIPMENT RACK 19" --- HUBBELL # HPW84R19 OR EQUIVALENT
 - IV. (4) 7" VERTICAL ORGANIZERS --- ORTRONICS # MMVMS104
 - V. (5) HORIZONTAL POWER STRIPS --- HUBBELL # MCCPSS19 OR EQUIVALENT
 - VI. (4) EQUIPMENT SHELF, CENTER-WEIGHTED --- HUBBELL # MCCOWS19 OR EQUIVALENT
 - VII. (2) EQUIPMENT SHELF, HEAVY DUTY --- HUBBELL # MCCOWS19HD OR EQUIVALENT
 - VIII. (1) 8' X 12' LADDER RACK --- HUBBELL # HLS1012B OR EQUIVALENT
 - IX. (2) MOUNTING KIT TO RELAY RACK --- HUBBELL # HLMK19 OR EQUIVALENT
 - X. (2) WALL ANGLE SUPPORT --- HUBBELL # HLX012 OR EQUIVALENT
 - XI. (2) J-BOLT KIT --- HUBBELL # HLB OR EQUIVALENT
 - XII. (1) 1RU FIBER ENCLOSURE --- LEVITON # 5R1UL-F03 OR EQUIVALENT
 - XIII. (42) LC MULTIMODE 62.5 FIBER CONNECTORS --- BELDEN # AX104240-B25
 - XIV. (1) 24 PORT PATCH PANEL --- LEVITON #49256-H24
 - XV. (2) 48 PORT PATCH PANEL --- LEVITON # 49256-D48
 - XVI. (3) BLACK 6-PACK BULKHEADS WITH LC DUPLEX ADAPTERS LEVITON #5F100-2EL

B. TELCO BOARD (COMPUTER ROOM TO DMARC LOCATION)

- I. (3) 31/2" M BLOCK / 50 PAIR --- LEVITON #40086-M50 OR EQUIVALENT
- II. (3) STAND-OFF BRACKET FOR M BLOCK --- LEVITON # 40086-B OR EQUIVALENT
- III. (6) LC MULTIMODE 62.5 FIBER CONNECTORS --- BELDEN # AX104240-B25
- IV. (1) WALL MOUNT FIBER ENCLOSURE --- BELDEN # 5R1UL-F03 OR EQUIVALENT
- V. (6) LC MULTIMODE 62.5 FIBER CONNECTORS - TBD

- I. SECURITY --- CAMERAS / EAS SYSTEM
- E. SECURITY --- CATEGORY 5E RJ45 CRIMP CONNECTOR SOLID --- CNE #16127 OR EQUIVALENT
- F. MECHANICAL
 - I. 4-PORT SURFACE MOUNT HOUSING --- LEVITON # 41089-1WP
 - G. CABLING
 - I. CATEGORY 5E NON-BONDED-PAIR PLENUM --- BELDEN # 1585A OR EQUIVALENT --- CABLE COLOR TO MATCH OR BLEND WITH BUILDING STRUCTURE
 - II. 12 STRAND FIBER 62.5 MM W/ AMOUR (ORANGE) --- OCC # DX012KWL590P16 OR EQUIVALENT
 - III. 6 STRAND FIBER 62.5 MM W/ AMOUR (ORANGE) --- OCC # DX000KWL590P16 OR EQUIVALENT
 - IV. 25 PAIR CATEGORY 3 PLENUM --- GENERAL CABLE # 2131005 OR EQUIVALENT
 - V. 25 PAIR DIRECT BURIAL (FUEL STATION KIOSK) --- GENERAL CABLE # 7525785 OR EQUIVALENT
 - VI. CATEGORY 3 PLENUM --- GENERAL CABLE # 2131313 OR EQUIVALENT
 - VII. 18 AWG 6 CONDUCTOR STRANDED OUTDOOR RATED HW150 01906 18GA 6C

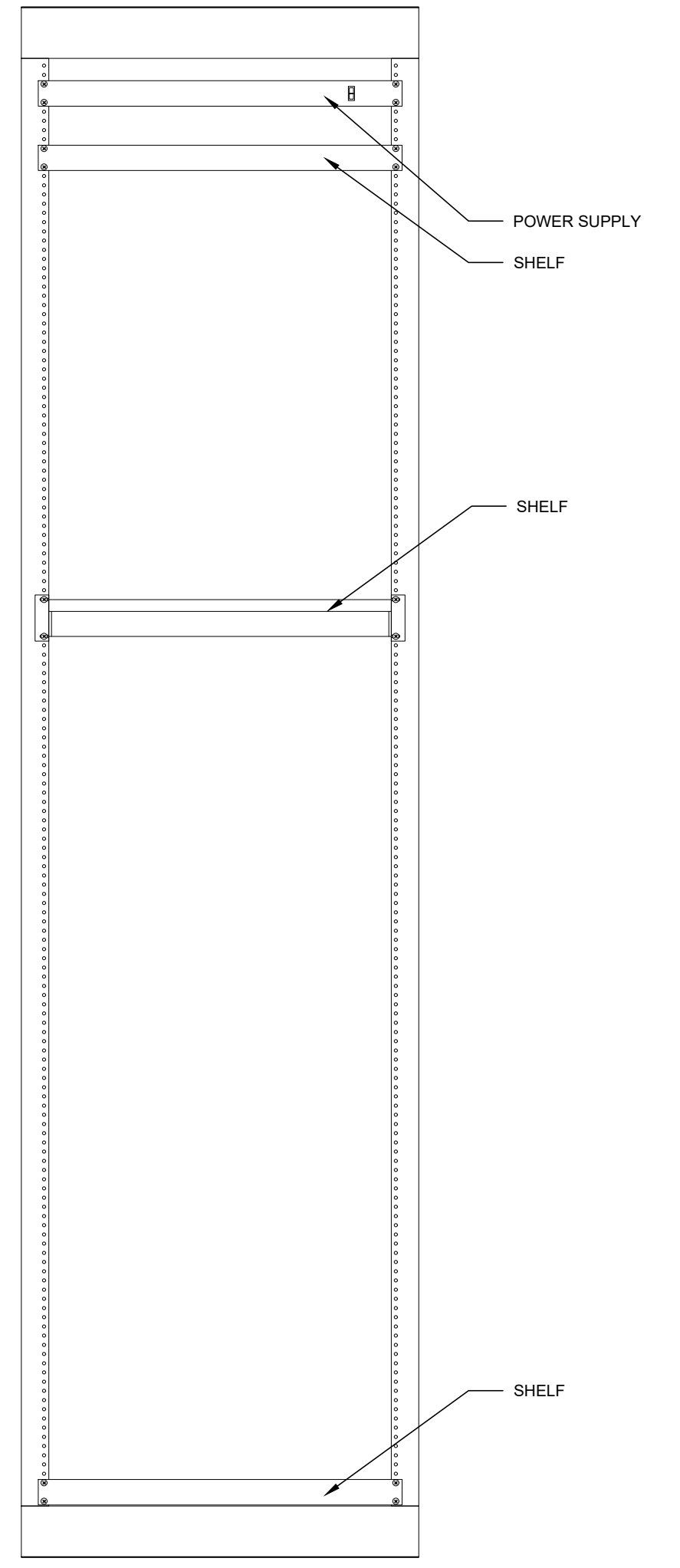
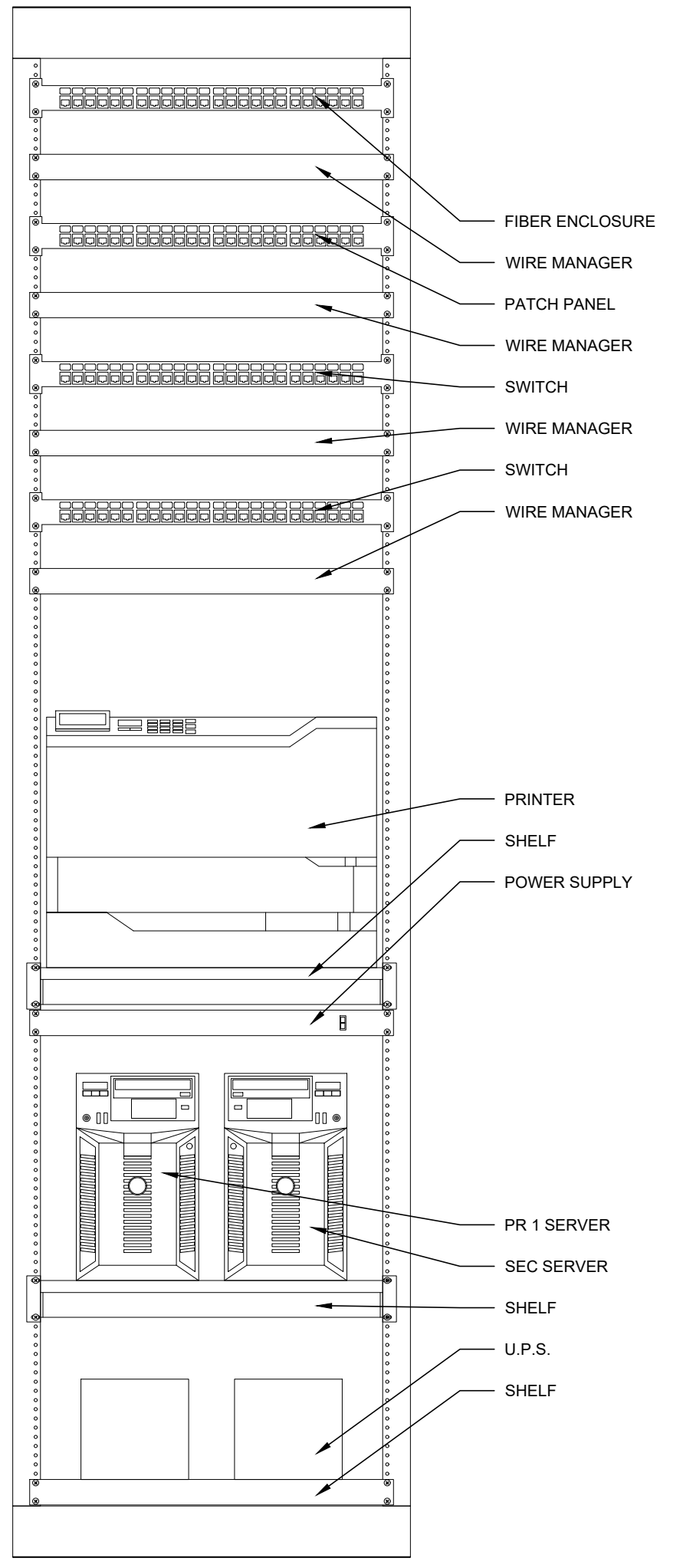
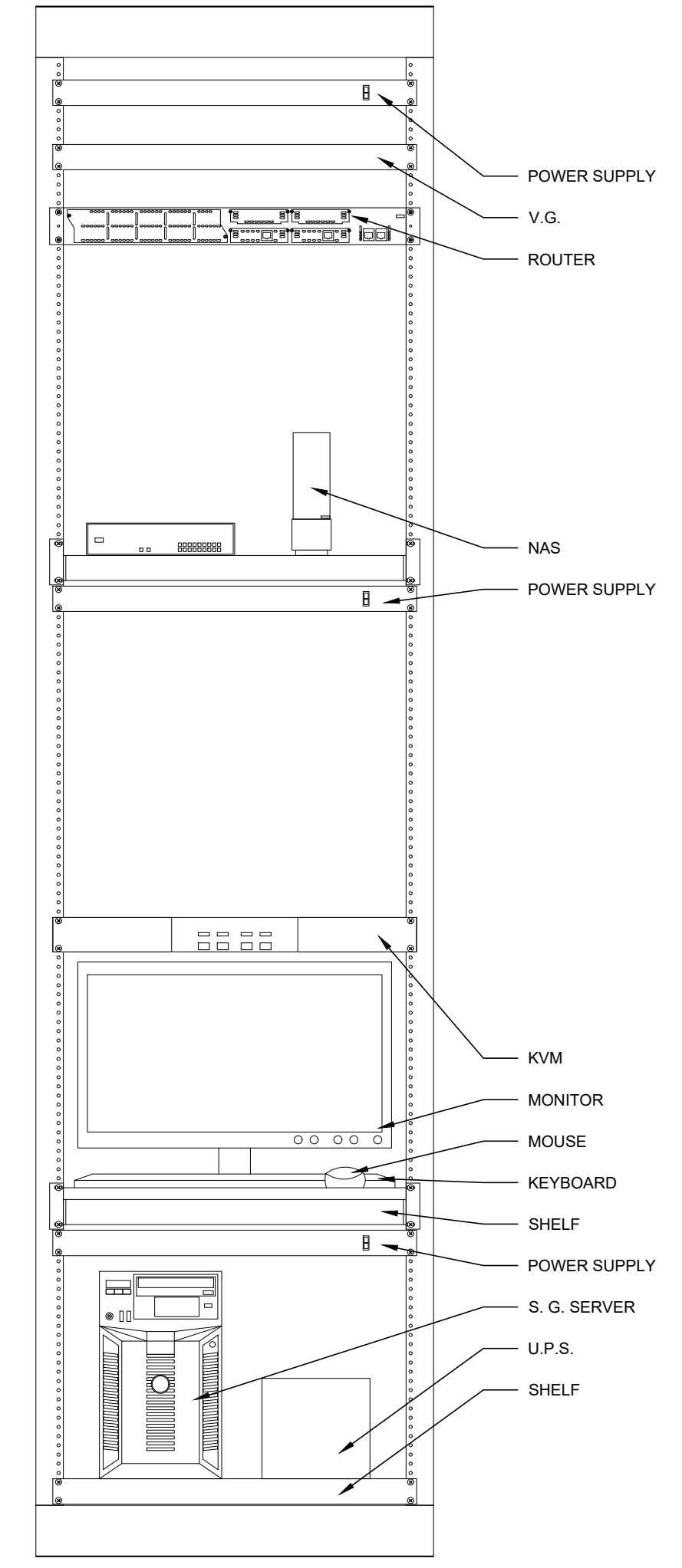
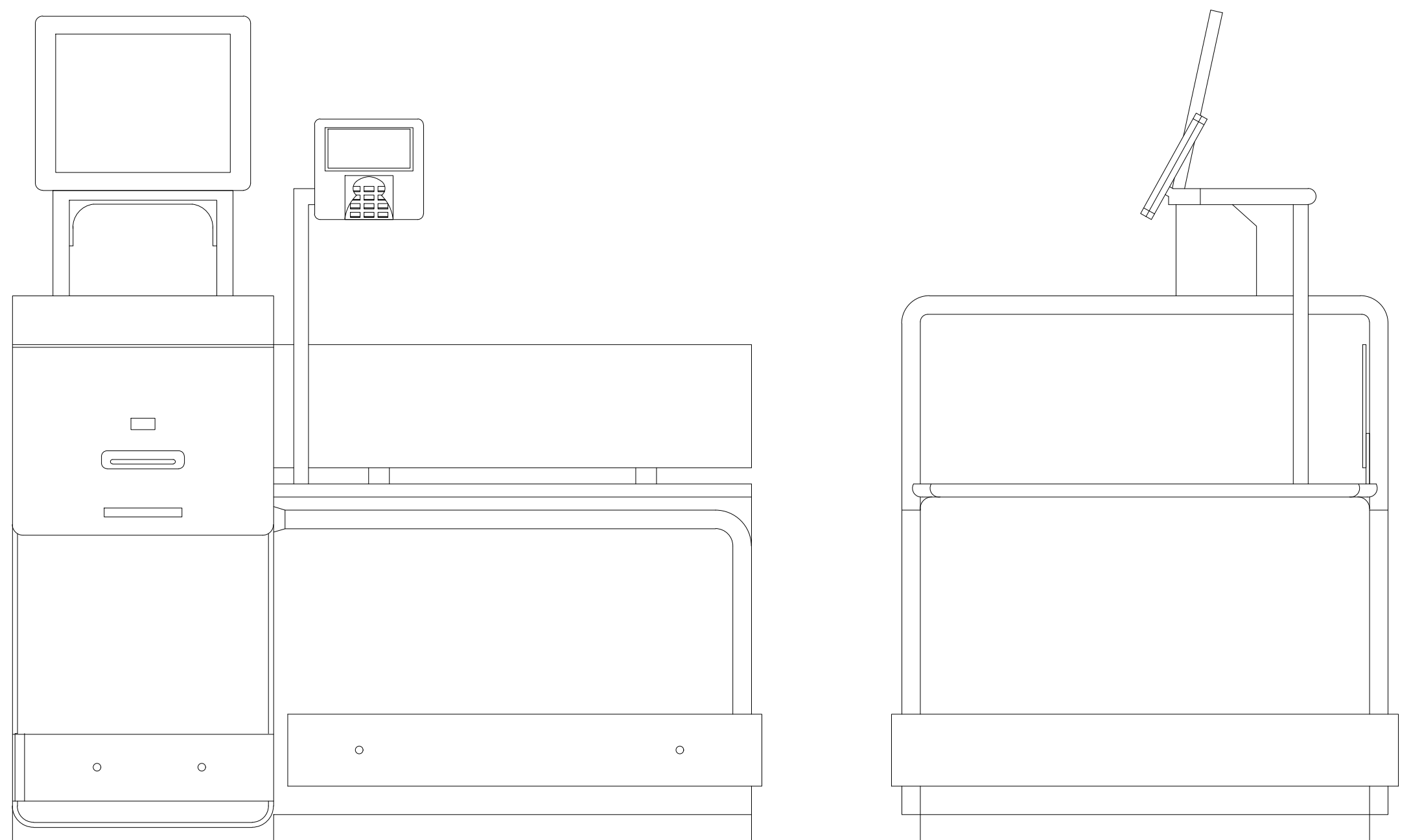
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111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com



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REMODEL
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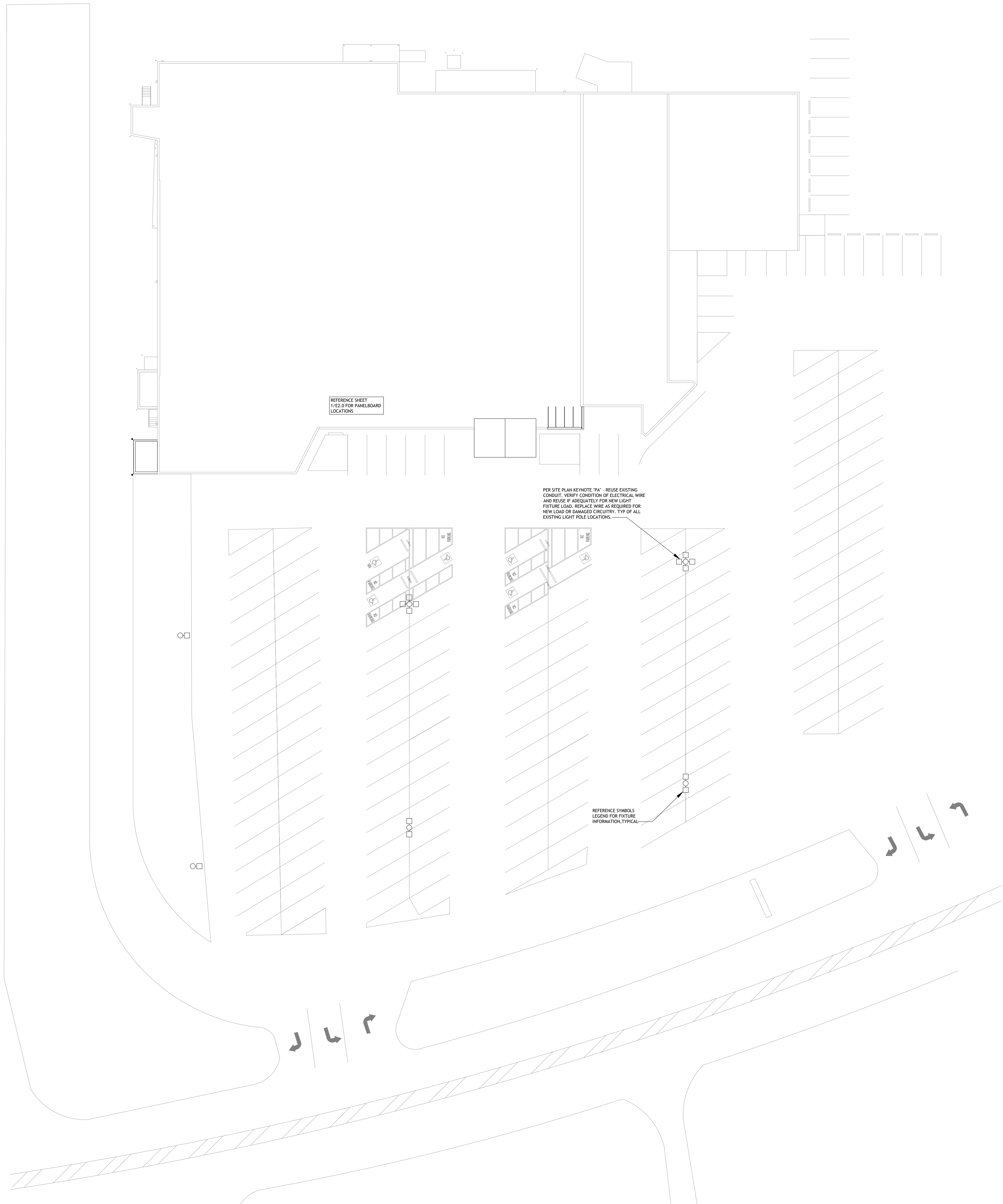
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CORE STATES

GROUP

111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com



11/11/24

Drawn: EDWARD SUZMAN
Reviewed: K. CRAIG
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SITE PLAN KEY NOTES

MARK	DESCRIPTION
PA	DEMOLISH AND REMOVE EXISTING LIGHTING FIXTURES AND POLE. REPLACE WITH: POLE: SOLAIS LITE POLE ON EXISTING CONCRETE BASE AND ANCHOR BOLTS. CONTRACTOR TO VERIFY EXACT ANCHOR BOLT PATTERN AND NOTIFY BROOKSHIRE'S. FITTURE TYPE: SOLAIS GL3-12H-TSQ-740 (2) @ 90° FIXTURES; SOLAIS GL3-23H-TSQ-740 (2) @ 90° FIXTURES; SOLAIS GL3-17H-TSQ-740 (2) @ 90° FIXTURES; CONNECT TO EXISTING CIRCUIT AND LIGHTING CONTROLS

SYMBOL LEGEND

	NEW LIGHT FIXTURES & PLOES - PROVIDED BY BGC
	NEW LIGHT FIXTURES & PLOES - PROVIDED BY BGC
	NEW LIGHT FIXTURES & PLOES - PROVIDED BY BGC

1 SITE LIGHTING PLAN
SCALE: 1" = 20'-0"



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REMODEL

Reason's

1624 N 3RD ST.

39,756 SF

#906

LANGLEY, OK

430 E. Front St.
 Tyler, TX 75702
 903-579-0500

BGC fs
 BROOKSHIRE
 GROCERY COMPANY
 facility services

GENERAL PIPING AND DEMOLITION NOTES

- CONTRACTOR MUST VISIT THE BUILDING TO DETERMINE THE FULL EXTENT OF THE EXISTING FIRE PROTECTION WORK AND EXISTING CONDITIONS. BECOME TOTALLY FAMILIAR WITH THE DISCONNECTIONS, REMOVALS, RELOCATIONS AND/OR RECONNECTIONS OF EXISTING FIRE PROTECTION EQUIPMENT REQUIRED, AND CONDITIONS IN THE PROPOSAL FOR THIS PROJECT. NO EXTRA COMPENSATION WILL BE PAID FOR LACK OF SUCH DETERMINATION, FAMILIARIZATION, AND/OR ALLOWANCE.
- UNLESS NOTED OTHERWISE, DISCONNECT AND REMOVE ALL EXISTING FIRE PROTECTION COMPONENTS NOT INTENDED TO BE REUSED.
- REMOVE ALL DEMOLITION MATERIALS AND DEBRIS TO AN APPROVED DUMPING SITE AND CLEAN ALL FIRE PROTECTION WORK PRIOR TO PROJECT COMPLETION.
- PERFORM ALL WORK ACCORDING TO THE PROJECT PHASING SCHEDULE INFORMATION FOR THIS PROJECT. PROVIDE ALL NECESSARY FIRE PROTECTION WORK, TEMPORARY AND/OR OTHERWISE, AND USE WHATEVER MEANS NECESSARY, TO CONFORM TO THE REQUIRED CONSTRUCTION PHASING OF THE PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING ITEMS DAMAGED DURING DEMOLITION AND CONSTRUCTION.
- CONTRACTOR SHALL PATCH ALL HOLES TO MATCH ADJACENT SURFACES LEFT UNUSED AFTER EXISTING SPRINKLER PIPING OR EQUIPMENT IS REMOVED AND VACATED FROM THESE HOLES.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING FIRE DEPARTMENT ACCESS ROADS THROUGHOUT THE PROJECT.
- SPRINKLER SYSTEMS NOT ASSOCIATED WITH THE DEMOLITION SHALL BE LEFT IN SERVICE.
- ALL WORK SHALL BE PERFORMED SO AS TO NOT INTERRUPT SERVICE. THE CONTRACTOR SHALL PROPERLY NOTIFY THE LANDLORD, THE LESSOR AND THE ADJACENT TENANTS A MINIMUM OF 48 HOURS IN ADVANCE BEFORE PROCEEDING WITH THIS WORK. ALL WORK SHALL BE SCHEDULED IN ADVANCE.
- ALL SYSTEMS TO BE LEFT IN SERVICE PRIOR TO THE END OF EACH WORKDAY.

SPRINKLER CONTRACTOR NOTES

SPRINKLER CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL SPRINKLER WORK WITH CURRENT PHASING PLAN TO MINIMIZE DISRUPTION TO BUILDING DURING OPERATING HOURS.

SPRINKLER CONTRACTOR TO MINIMIZE AND COORDINATE WITH BUILDING, ALARM COMPANY, AND AUTHORITIES ANY AND ALL DOWN TIME TO EXISTING SPRINKLER SYSTEM OR SYSTEMS.

SPRINKLER CONTRACTOR IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF AUTHORITIES FOR SHUTTING DOWN AND DRAINAGE OF EXISTING SPRINKLER SYSTEM OR SYSTEMS.

PRIOR TO BIDDING, SPRINKLER CONTRACTOR MUST OBTAIN VARIOUS INFORMATION FROM ANY AND ALL AUTHORITIES. THIS INFORMATION SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

- ANY AND ALL REQUIREMENTS OR RESTRICTIONS BY AUTHORITIES TO ALLOW THE BUILDING TO OPERATE DURING DOWN TIME OF SPRINKLER SYSTEM OR SYSTEMS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ANY TIME RESTRICTIONS OR LIMITATIONS, OR IF A FIRE WATCH IS REQUIRED.
- IN THE EVENT A FIRE WATCH IS REQUIRED BY THE AUTHORITIES, VERIFY WHAT WILL BE REQUIRED BY THE AUTHORITIES TO CARRY OUT THE FIRE WATCH.
- ANY AND ALL REQUIREMENTS OR RESTRICTIONS BY AUTHORITIES FOR DRAINAGE OF WATER IN EXISTING SPRINKLER SYSTEM OR SYSTEMS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ANY REQUIREMENT TO TREAT WATER BEFORE ALLOWING TO MAKE CONTACT WITH GROUND, OR ANY REQUIREMENT TO CONTAIN WATER FROM EXISTING SPRINKLER SYSTEM AND DISPOSE OF AT ALTERNATE LOCATION.

CORE STATES GROUP

CORESTATES, INC.
3039 Premiere Parkway
Suite 700
Duluth, GA 30097
770.242.9550

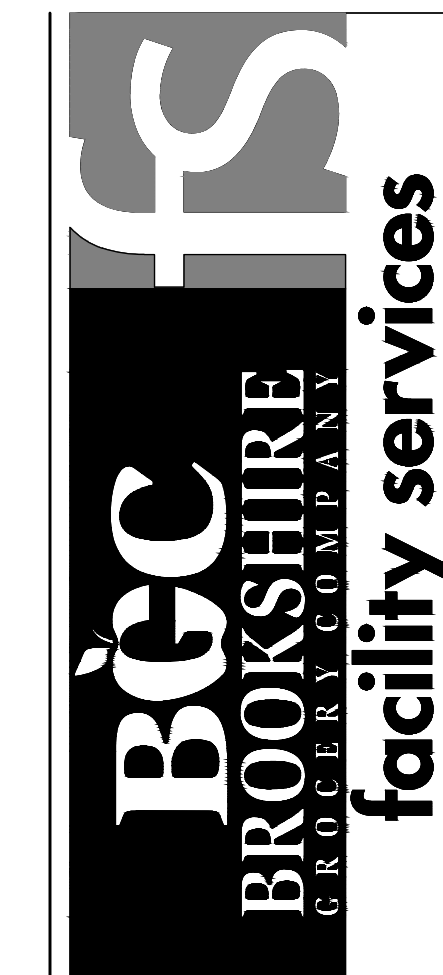
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Proj. Number: BGC.37947.RR

GENERAL NOTES

- THE DESIGN SHOWN ON THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED TO PROVIDE GUIDANCE FOR BIDDING ONLY. THE CONTRACTOR SHALL SUBMIT FIRE SPRINKLER SHOP DRAWINGS FOR APPROVAL BY THE AUTHORITY HAVING JURISDICTION (AHJ). CONTRACTOR SHALL BASE SHOP DRAWING DESIGN ON THE FIRE PROTECTION DRAWINGS AND SPECIFICATIONS. SPRINKLER SYSTEM SHOP DRAWINGS SHALL INCLUDE ALL NECESSARY ELEVATIONS, HANGER LOCATIONS, PIPE LENGTHS, DIMENSIONS, FABRICATION METHODS, NOTES, MATERIAL DATA, AND ANY OTHER INFORMATION REQUIRED DESCRIBING THE INTENT OF THE INSTALLATION. CONTRACTOR SHALL PROVIDE PIPE SIZES, SPRINKLER SPACING, AND ALL SYSTEM CONFIGURATIONS AS SHOWN. ANY ALTERNATES TO THE DESIGN OF THE SYSTEM OR IN MATERIALS AND EQUIPMENT USED MUST BE APPROVED IN WRITING VIA THE REQUEST FOR INFORMATION PROCESS BY THE FIRE PROTECTION ENGINEER OF RECORD PRIOR TO ANY BIDDING, FABRICATION, OR INSTALLATION.
- CONTRACTOR SHALL COORDINATE LOCATIONS OF FIRE PROTECTION COMPONENTS INCLUDING PIPING, ALARMS, DRAINS, TEST POINTS, ETC. WITH ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS. OBSTRUCTIONS TO SPRINKLERS DISCHARGE MUST BE CONSIDERED DURING SHOP DRAWING PRODUCTION AND INSTALLATION. EXTRA SPRINKLERS MAY BE REQUIRED AT NO ADDITIONAL COST TO THE OWNER. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- SUBMIT A REQUEST FOR INFORMATION (RFI) FOR ALL QUESTIONS RELATED TO THE FIRE PROTECTION DOCUMENTS.
- NEUTRALIZATION/DEMISING WALLS, IF APPLICABLE, ARE SHOWN ON ARCHITECTURAL DRAWINGS. REFER TO MECHANICAL DRAWINGS FOR NEUTRALIZATION WALL PENETRATIONS.
- SPRINKLER SYSTEMS WILL BE MONITORED BY AN OFF-SITE CENTRAL STATION, INCLUDING TAMPER SWITCHES ON ALL CONTROL VALVES AND FLOW SWITCHES.
- PENETRATIONS OF RATED WALLS OR ASSEMBLIES SHALL BE FIRE CAULKED WITH APPROVED CAULKING PER METHODS REQUIRED BY THE AHJ AND PROJECT SPECIFICATIONS.
- THE FIRE PROTECTION ENGINEER OF RECORD WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, NOR SHALL THEY BE REQUIRED TO SUPERVISE THE CONDUCT OF THE WORK. THE CONSTRUCTION PROCEDURES AS SET FORTH BY THE GENERAL CONTRACTOR, SUBCONTRACTORS, THEIR RESPECTIVE EMPLOYEES OR ANY OTHER PERSON AT THE JOBSITE OTHER THAN THE ENGINEERING FIRM'S OWN EMPLOYEES.
- THE CONTRACTOR MUST REVIEW ALL CONSTRUCTION DOCUMENTS PRIOR TO BID. SHOULD MODIFICATION TO THESE PLANS BECOME NECESSARY TO PROPERLY COORDINATE THE SYSTEM WITH OTHER TRADES, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVAL OF THESE CHANGES BY THE AHJ AND THE FIRE PROTECTION ENGINEER OF RECORD. IN ADDITION TO OBTAINING THE NECESSARY APPROVALS THE CONTRACTOR MUST MAKE NOTE OF ALL FIELD OR COORDINATION CHANGES ON THE INSTALLATION DRAWINGS. ONCE COMPLETE, THE CONTRACTOR SHALL SUPPLY ONE COPY OF THE AS-BUILT DRAWINGS TO THE FIRE PROTECTION ENGINEER OF RECORD FOR THEIR USE.
- WHEN SYSTEM PRESSURES EXCEED 100 PSI, REFER TO NFPA FOR MAXIMUM ARM OVER LENGTHS AND HANGING INSTRUCTIONS.
- PROVIDE A MINIMUM OF 10 PSI SAFETY FACTOR FOR HYDRAULIC CALCULATIONS OF SPRINKLER SYSTEMS. USE HIGHER SAFETY FACTOR WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.



430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF

#906

LANGLEY, OK

REMODEL

Reason's

1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION

ISSUED FOR:

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DATE
09/23

PROJECT NO.
4090600-0

STORE NO.
906

SHEET NO.
FP0.0

AS OF: 11/11/24

PROTECTION CRITERIA LEGEND BASED ON 2016 NFPA 13				
OCCUPANCY CLASSIFICATION	DENSITY	HOSE ALLOWANCE (GPM)	MAXIMUM SPRINKLER SPACING (SQ FT)	DESIGN BASIS
OFFICES/RESTROOMS/BREAK ROOM/VESTIBULE	0.10/1500 SQ FT	100	225	LIGHT HAZARD, 13: 11.2.3.1.1, FIGURE 11.2.3.1.1 AND TABLE 11.2.3.1.2

PIPE TABLE (WET)		
PRODUCT	NOMINAL PIPE SIZE	INSIDE DIAMETER
SCHEDULE 10	2"	2.157
SCHEDULE 10	2½"	2.635
SCHEDULE 10	3"	3.260
SCHEDULE 10	4"	4.260
SCHEDULE 10	6"	6.357
SCHEDULE 10	8"	8.249
SCHEDULE 40	1"	1.049
SCHEDULE 40	1½"	1.380
SCHEDULE 40	2"	1.610
SCHEDULE 40	2½"	2.067

FIRE SPRINKLER CONTRACTOR TO PROVIDE FULL SHOP DRAWINGS TO THE REVIEWING AUTHORITY FOR PERMITTING. PROVIDE ALL REQUIRED INFORMATION INCLUDING HYDRAULIC CALCULATIONS AS REQUIRED.

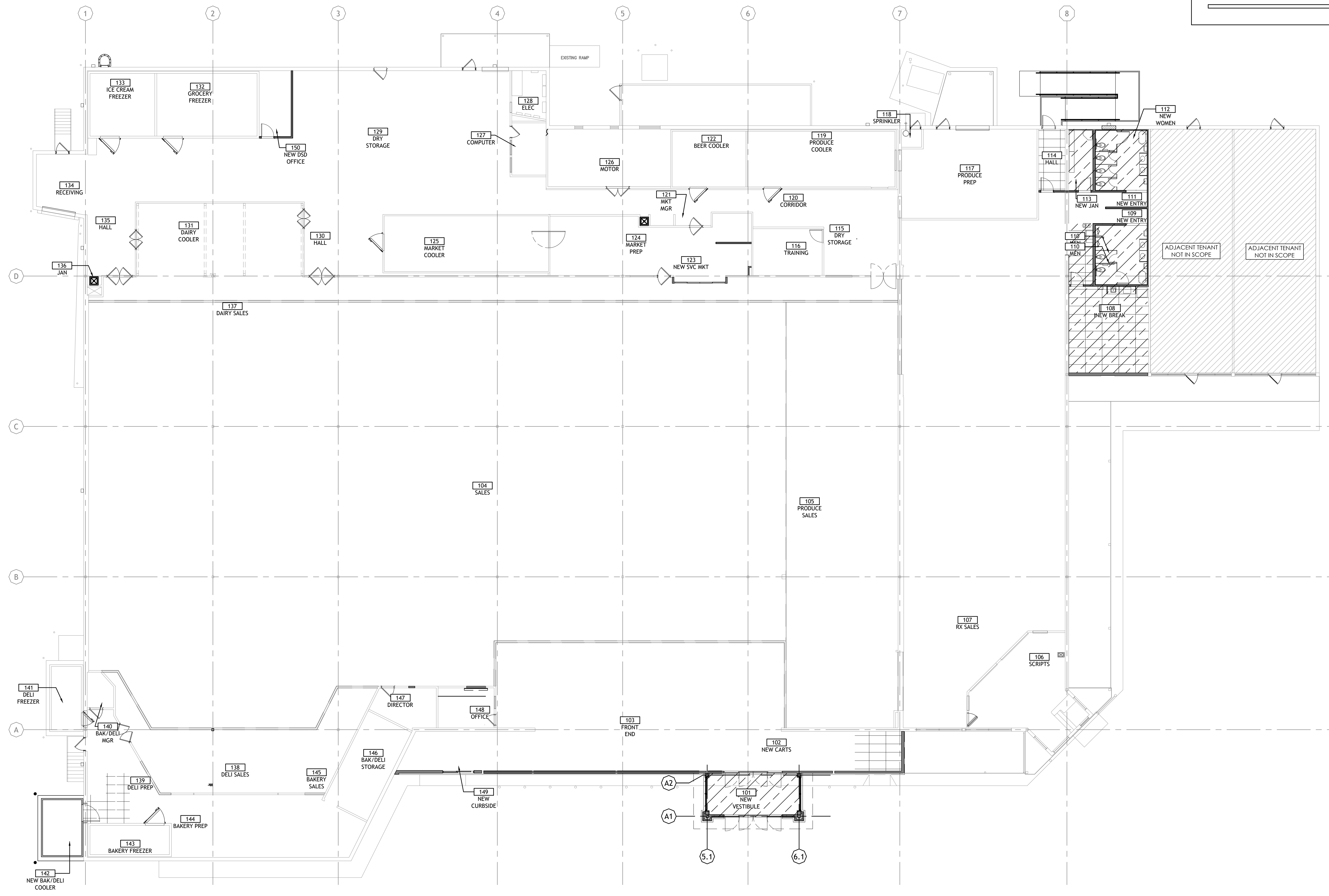
CONTRACTOR TO VERIFY THAT ALL SPRINKLER PIPING ELEVATIONS DO NOT CONFLICT WITH NEW CEILING PLAN ELEVATIONS. ADJUST PIPING ELEVATIONS SO THAT NO CONFLICTS OCCUR. RE-ROUTE EXISTING MAINS AND BRANCH LINES IN CONFLICT WITH NEW MECHANICAL UNITS AND DUCTWORK.

CORE STATES

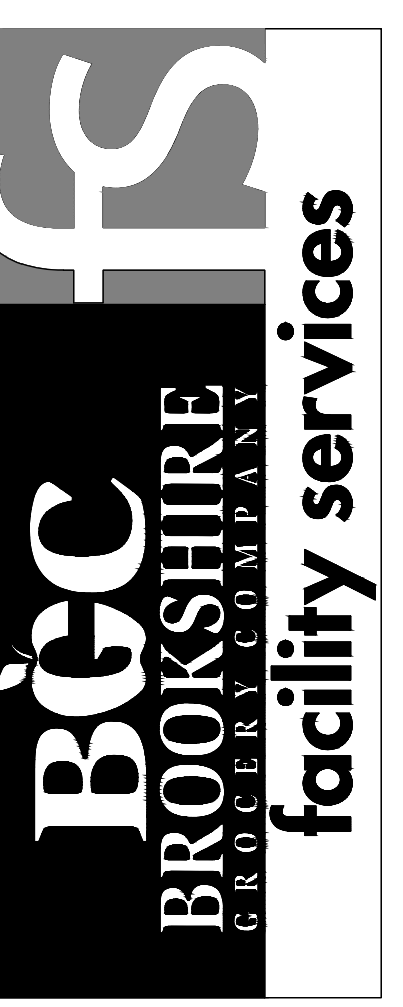
GROUP
 CORESTATES, INC.
 3039 Premiere Parkway
 Suite 700
 Duluth, GA 30097
 770.242.9550
www.core-states.com



Drawn: B. ZACH
 Reviewed: B. ZACH
 Sheet Date: 11/11/24
 Proj. Number: BGC.37947.RR



1 FIRE SPRINKLER CRITERIA PLAN
 SCALE: 3/32" = 1'-0"



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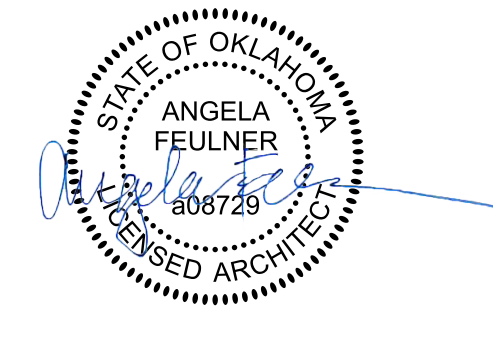
NO.	DATE	REVISION DESCRIPTION

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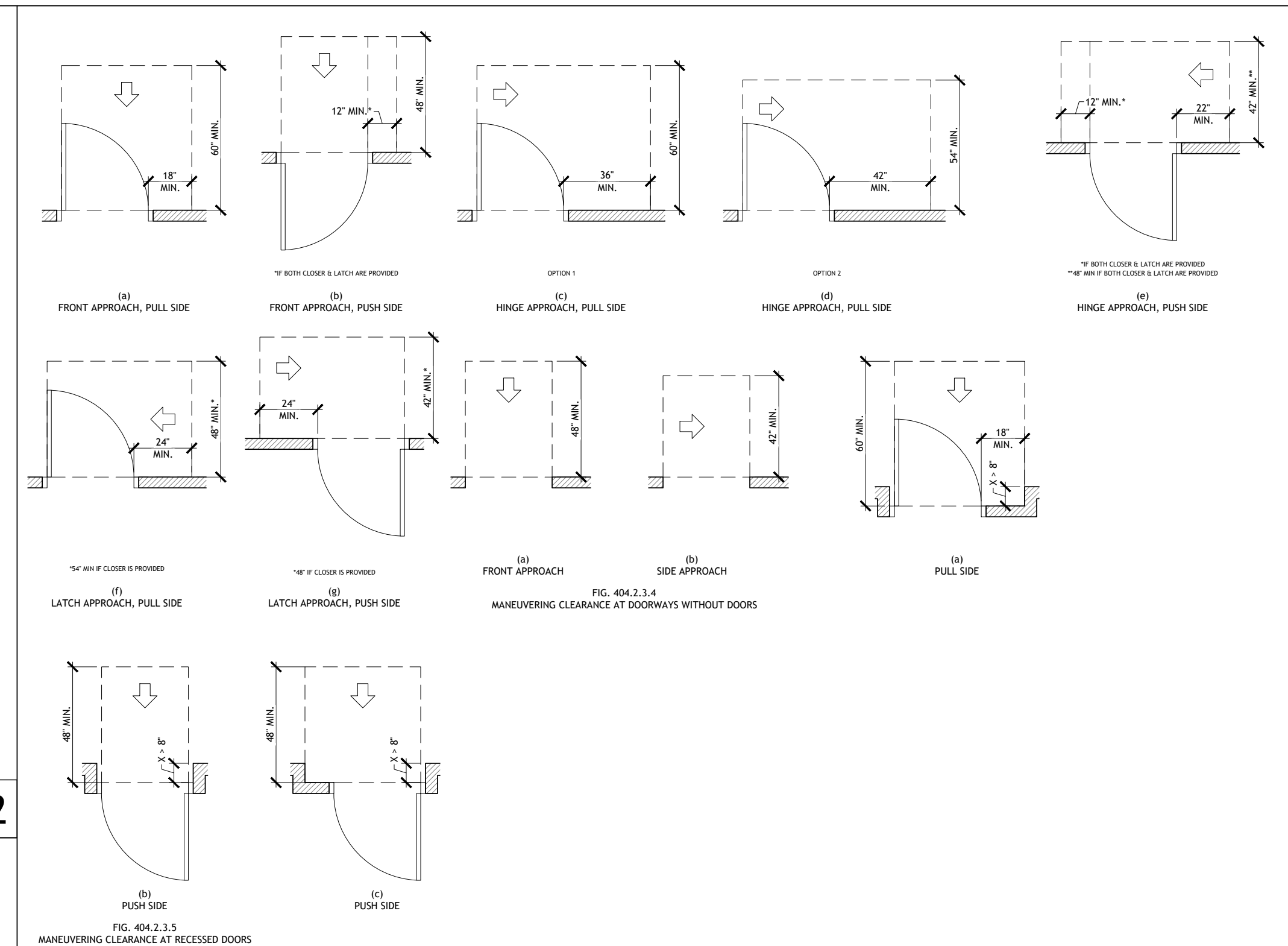
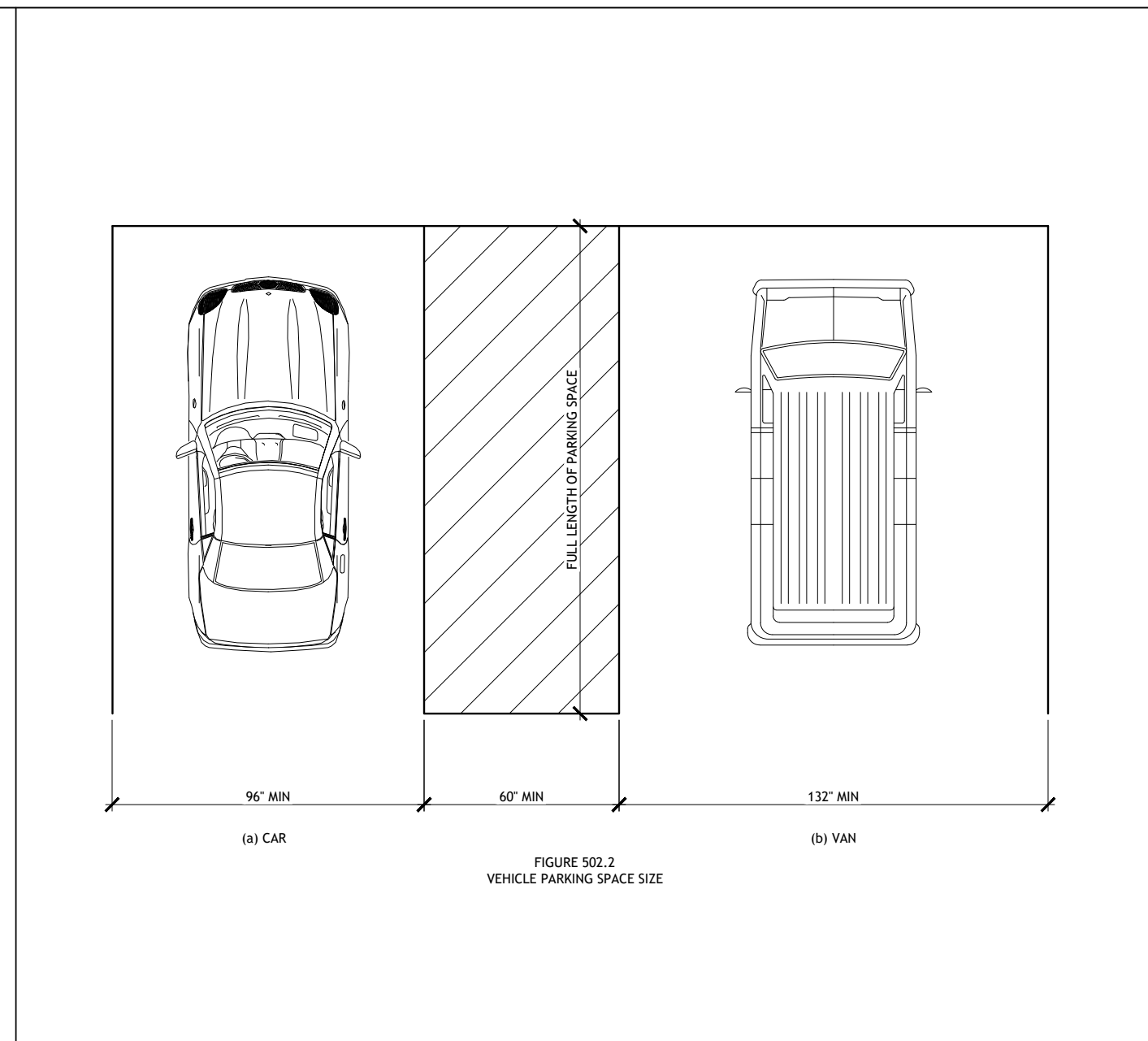
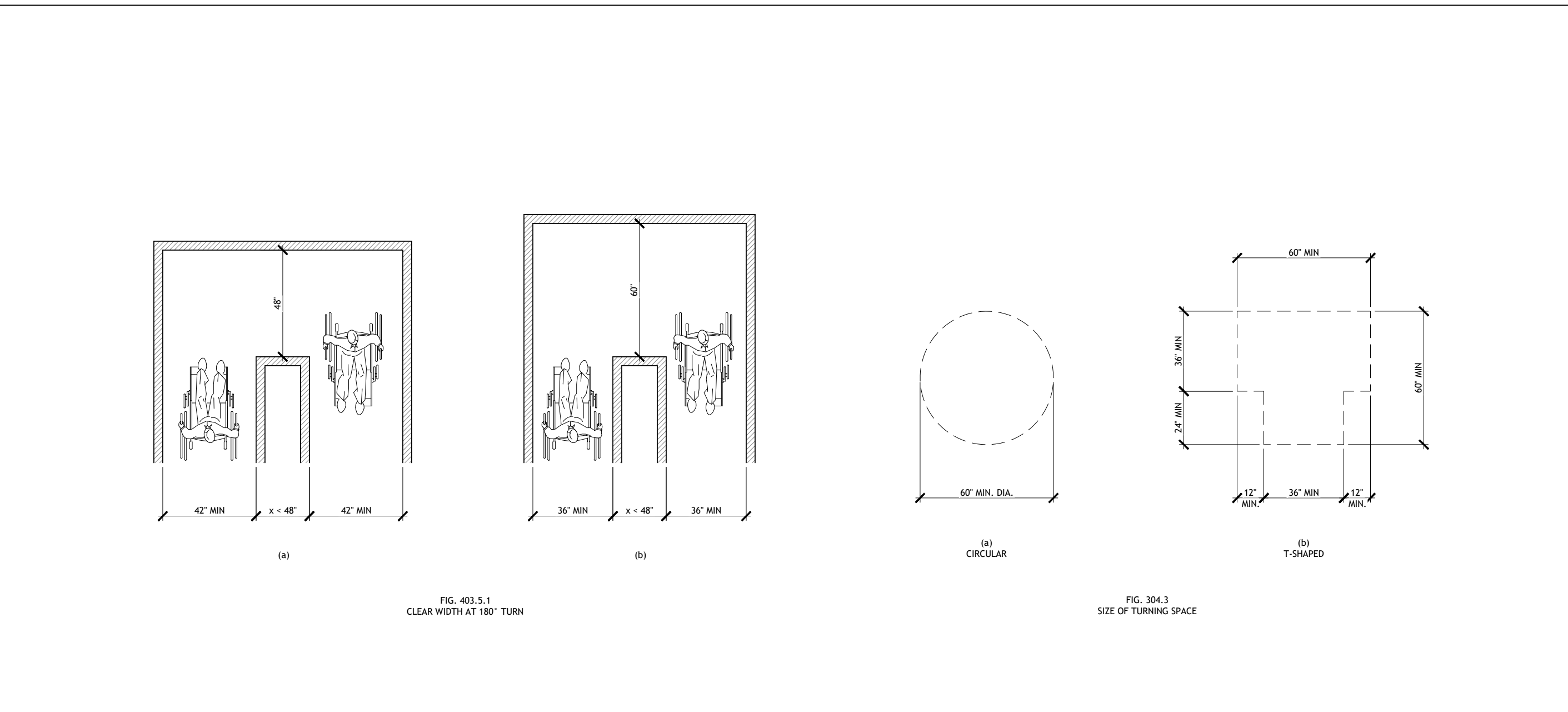
DATE: **09/23**
 PROJECT NO: **4090600-0**
 STORE NO.:

906
 SHEET NO.
FP1.0

AS OF: 11/11/24



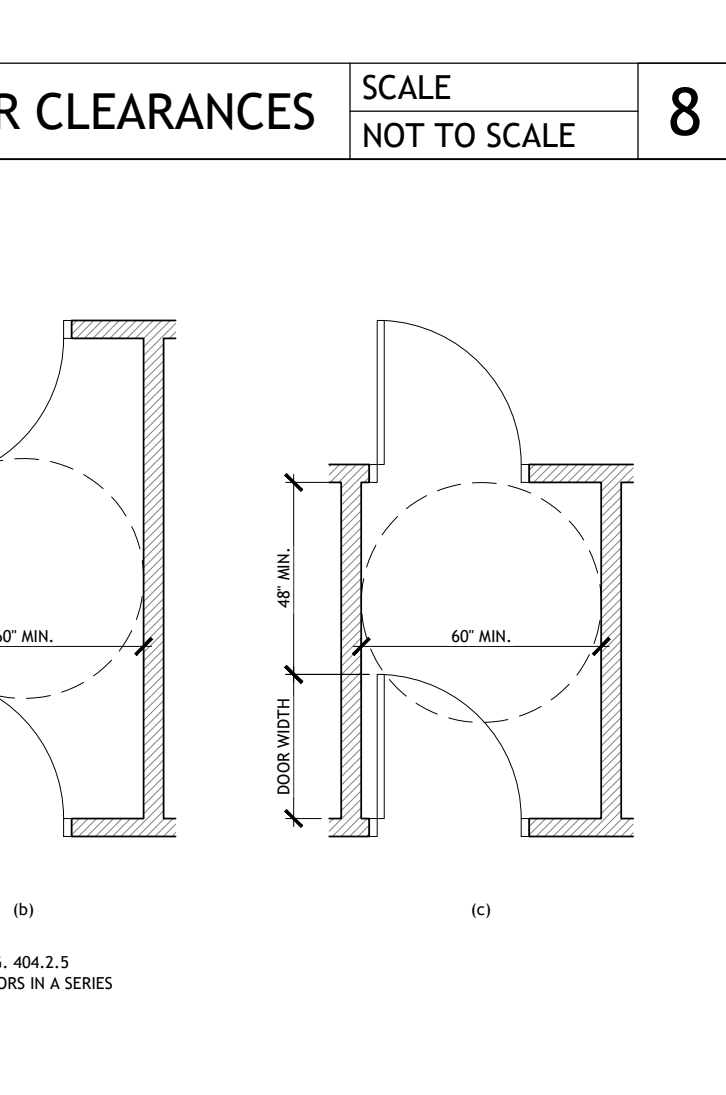
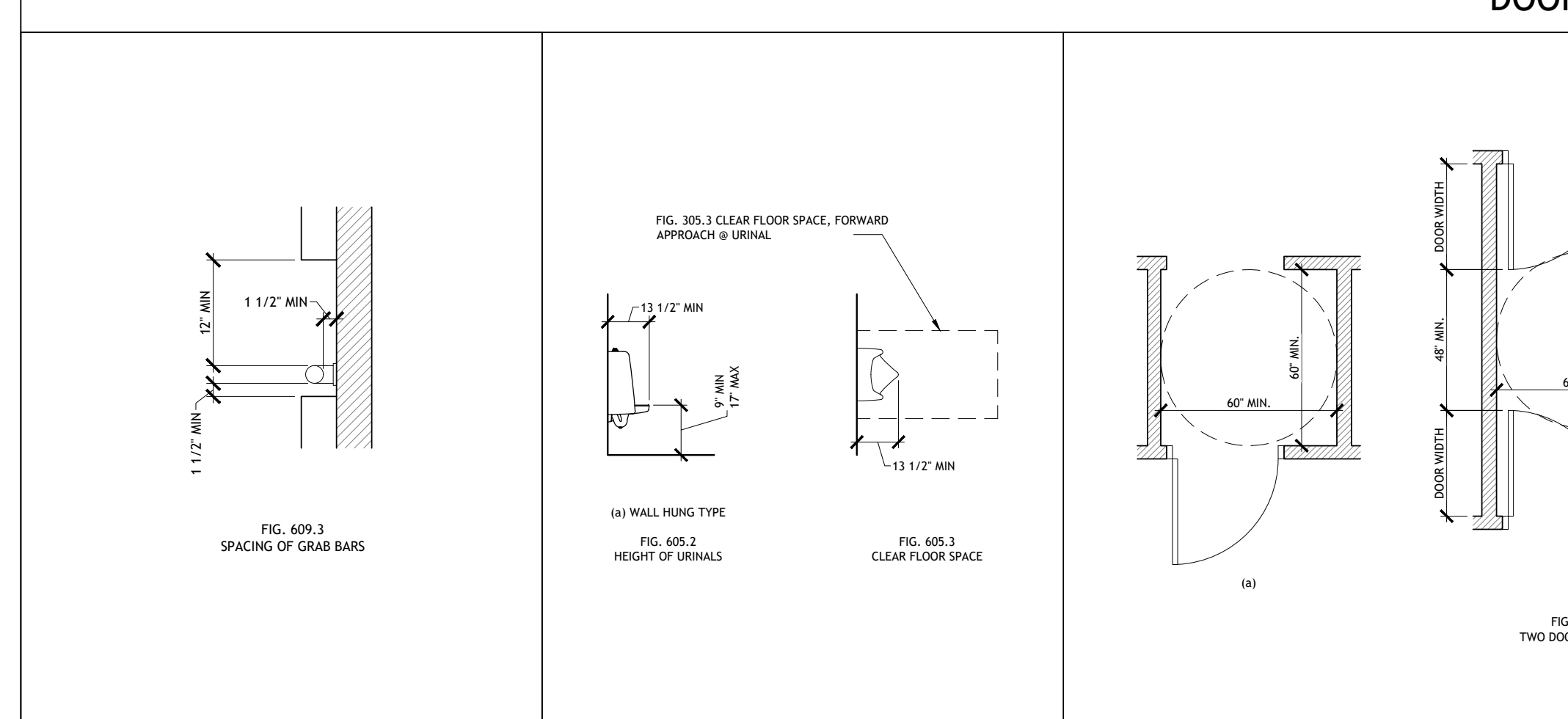
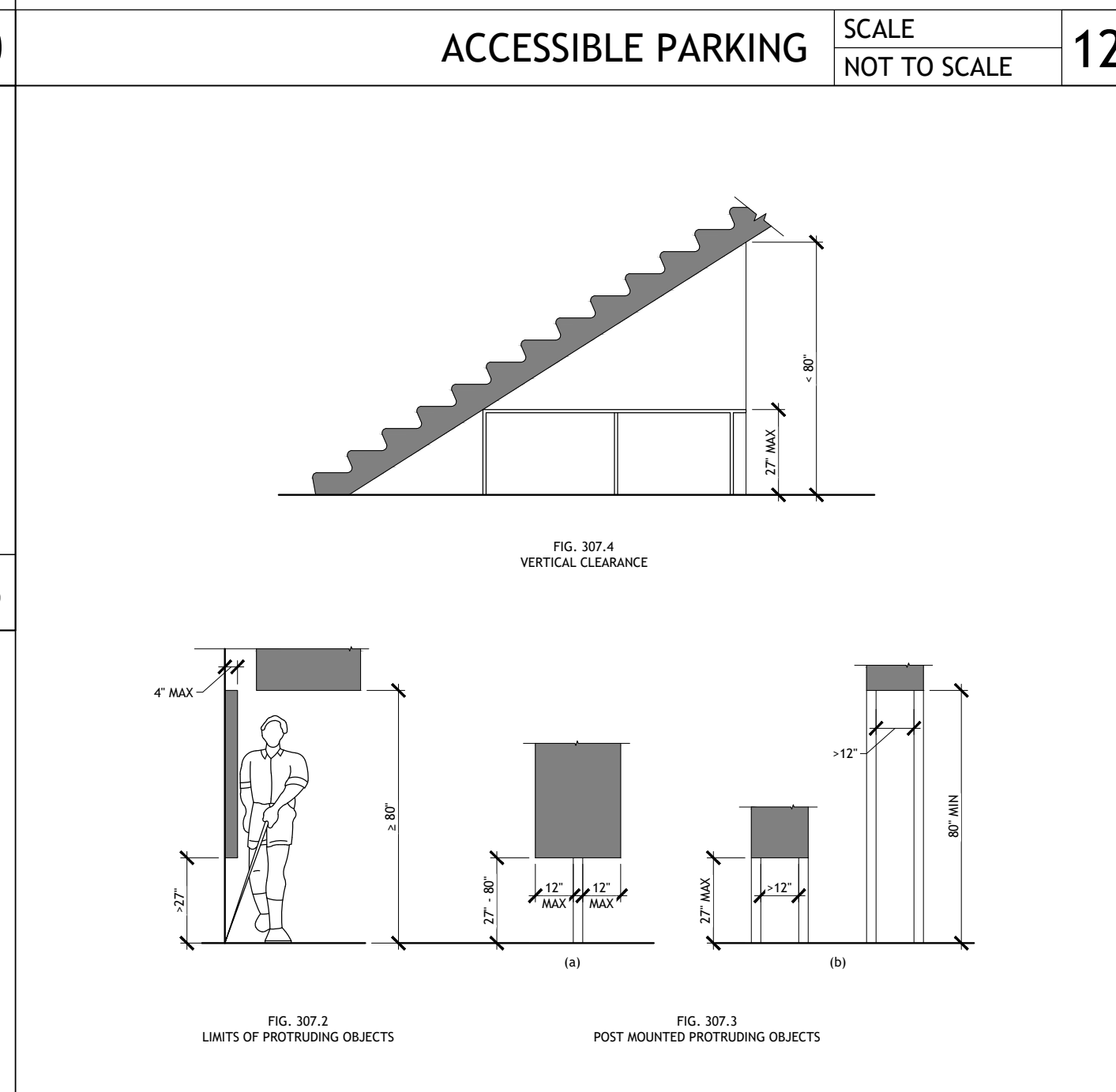
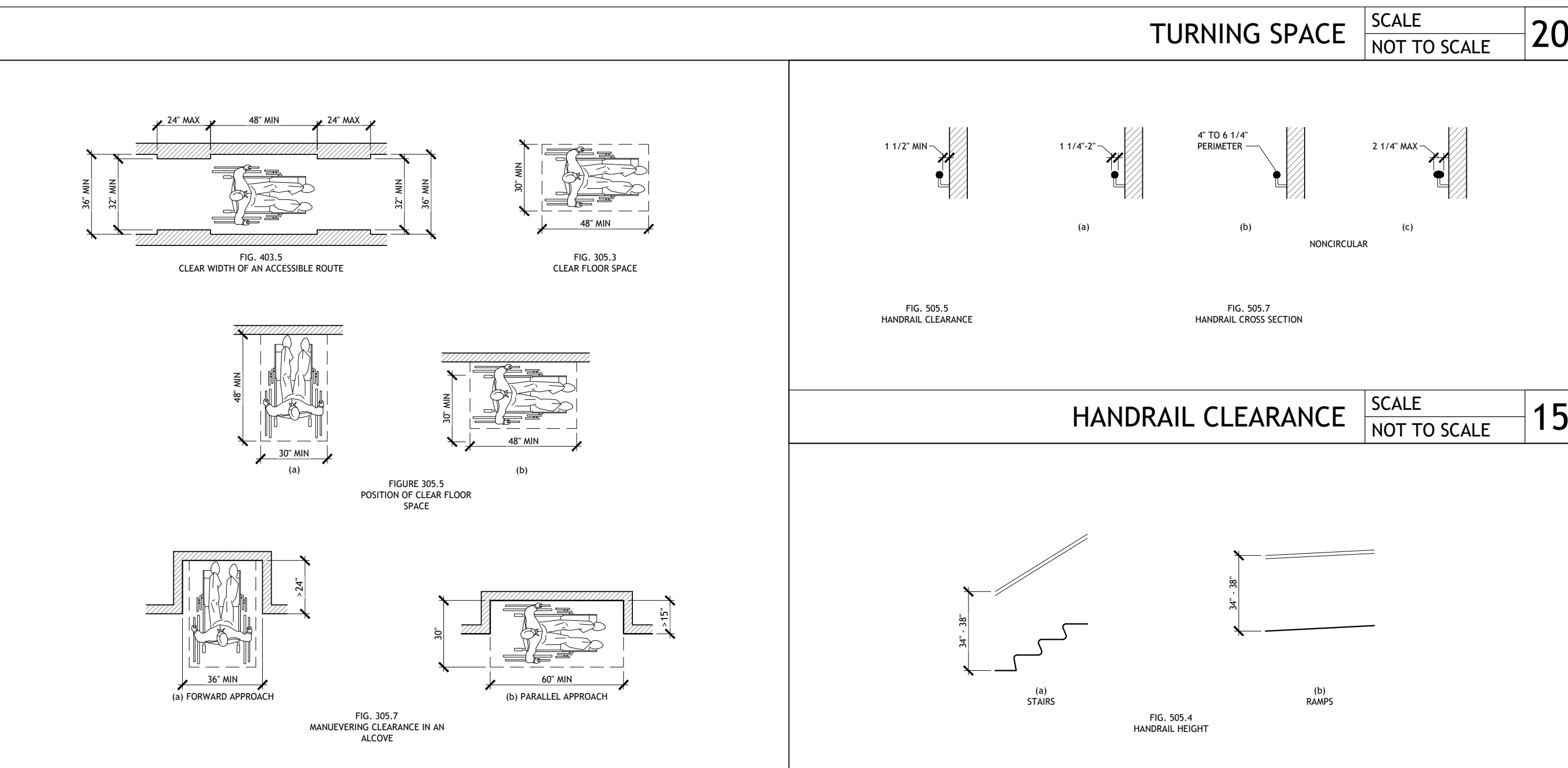
Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
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TURNING SPACE SCALE NOT TO SCALE 20

ACCESSIBLE PARKING SCALE NOT TO SCALE 12

DOOR CLEARANCES SCALE NOT TO SCALE 8



HANDRAIL CLEARANCE SCALE NOT TO SCALE 15

PROTRUDING OBJECTS SCALE NOT TO SCALE 11

GRAB BAR SPACING SCALE NTS 7

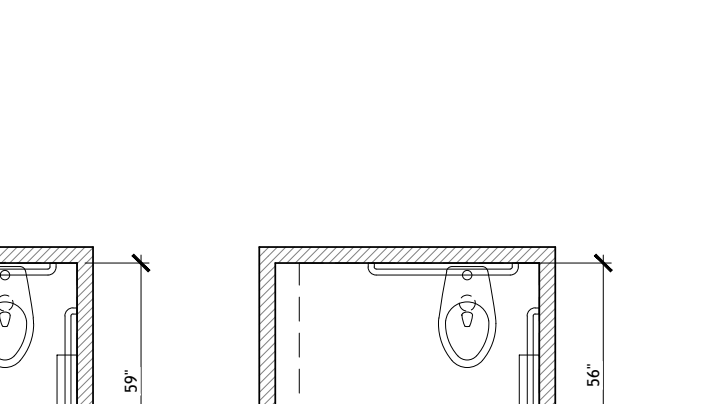
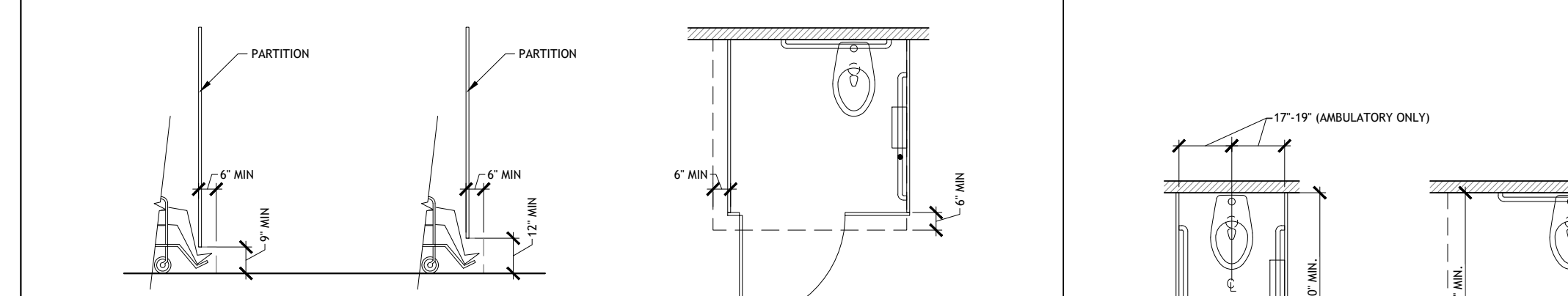
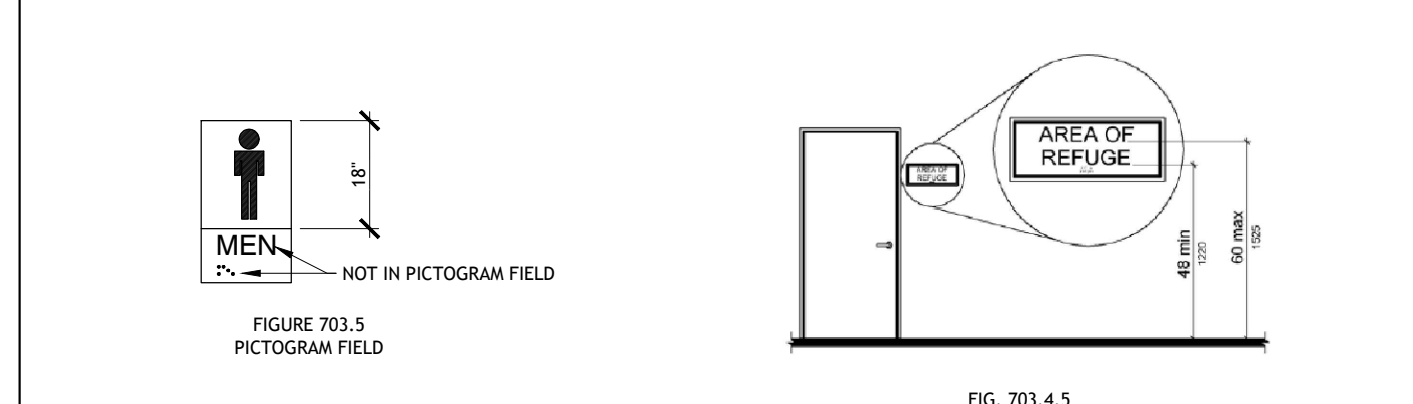
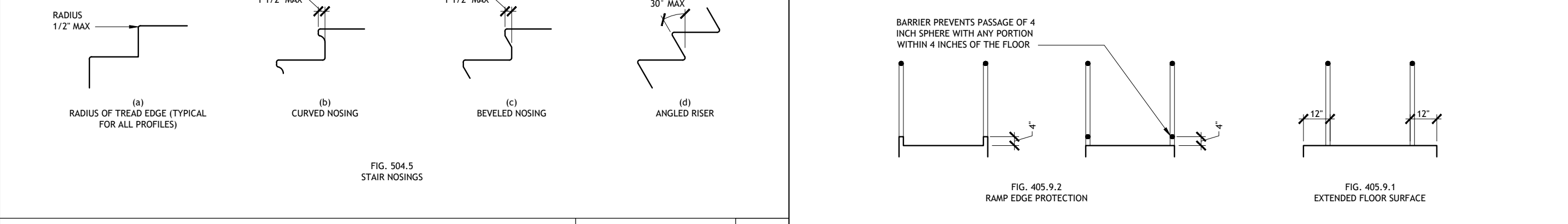
DOORS IN A SERIES SCALE NOT TO SCALE 2

MINIMUM CLEAR FLOOR SPACE SCALE NOT TO SCALE 19

HANDRAILS SCALE NOT TO SCALE 14

URINAL HEIGHT & CLEARANCE SCALE NTS 6

WHEELCHAIR TOE CLEARANCE SCALE NOT TO SCALE 5

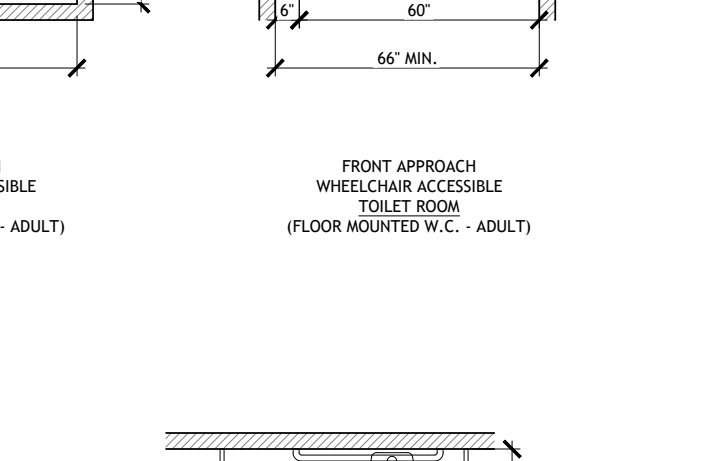
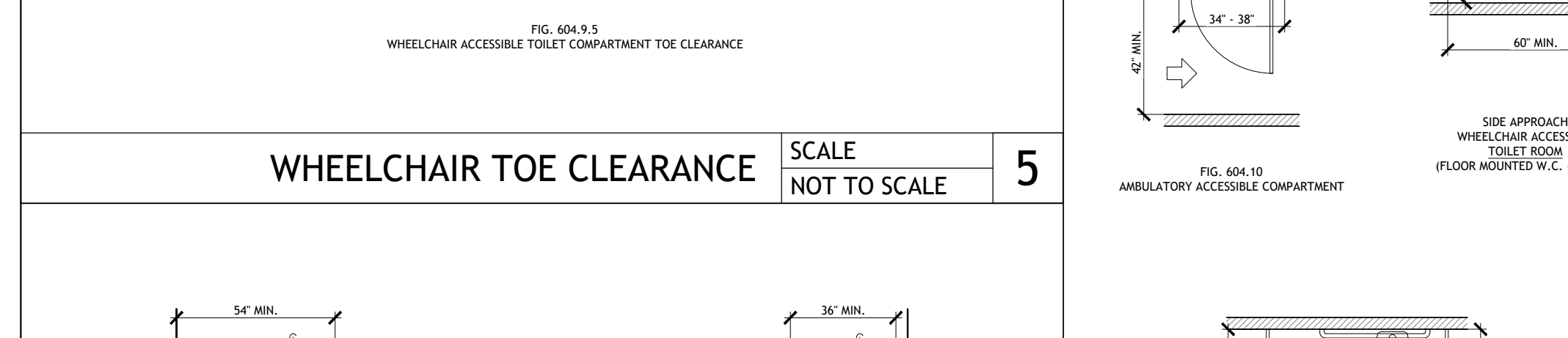
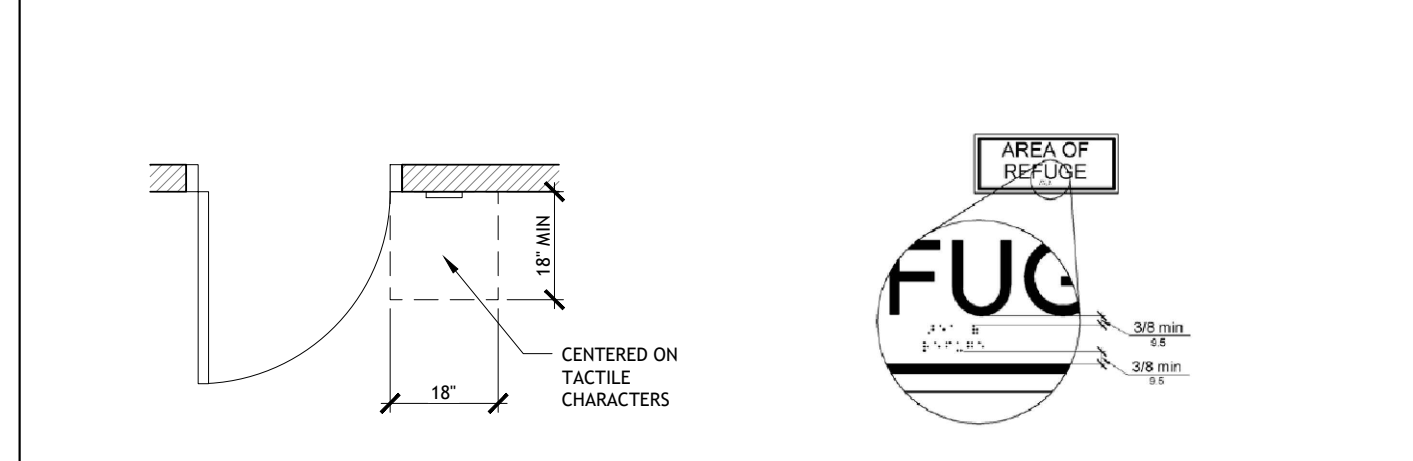
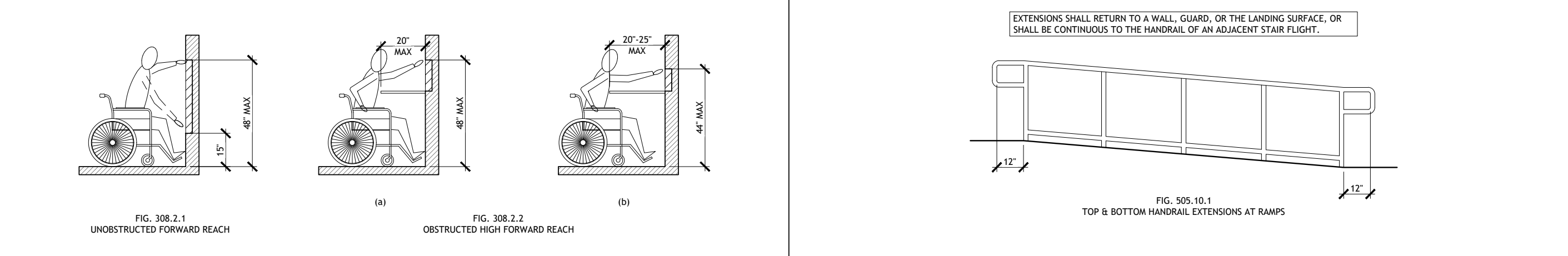


TREAD WIDTH/ NOSINGS SCALE NOT TO SCALE 18

TACTILE SIGNS SCALE NOT TO SCALE 10

GRAB BAR & PROTRUDING DISPENSER @ WATER CLOSET SCALE NOT TO SCALE 4

WATER CLOSET & TOILET COMPARTMENT SCALE NOT TO SCALE 1

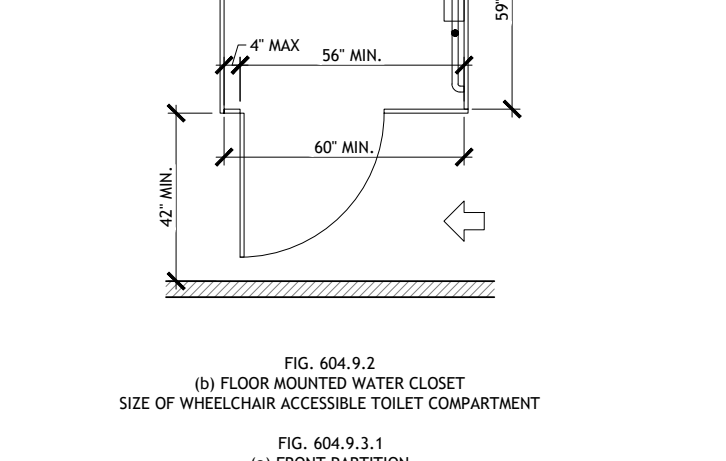
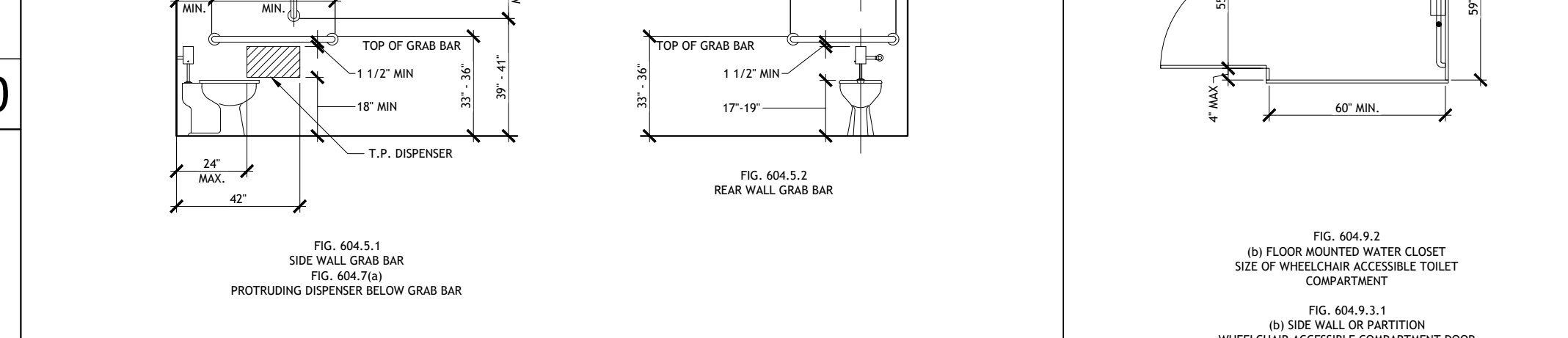
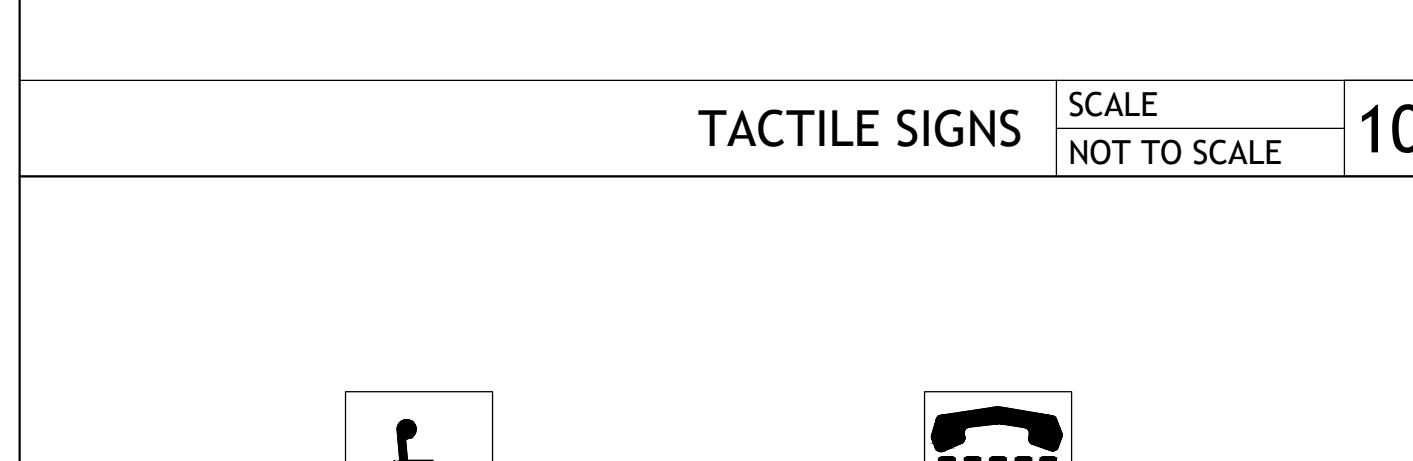
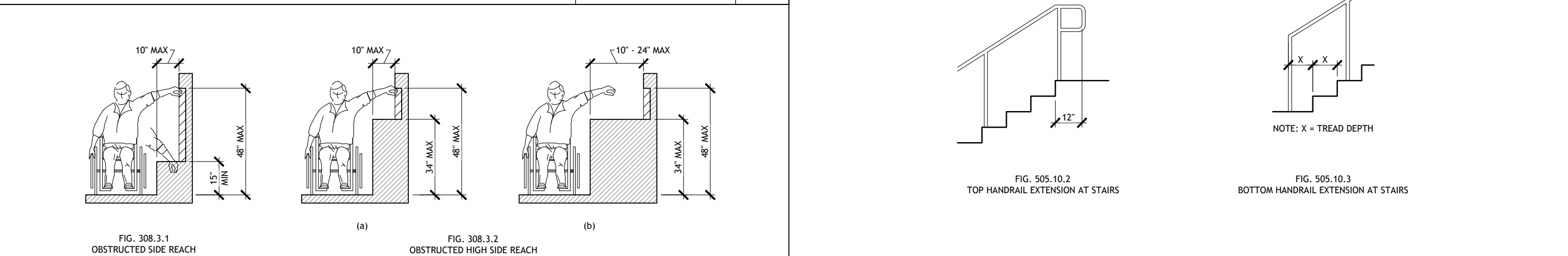


FORWARD REACH SCALE NOT TO SCALE 17B

HANDRAILS SCALE NOT TO SCALE 13

GRAB BAR & PROTRUDING DISPENSER @ WATER CLOSET SCALE NOT TO SCALE 4

WATER CLOSET & TOILET COMPARTMENT SCALE NOT TO SCALE 1

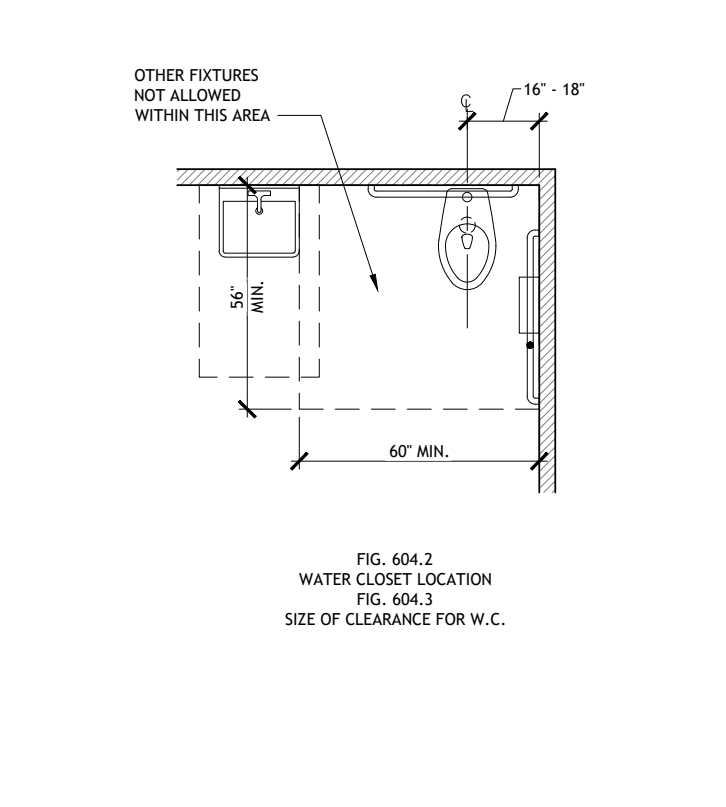
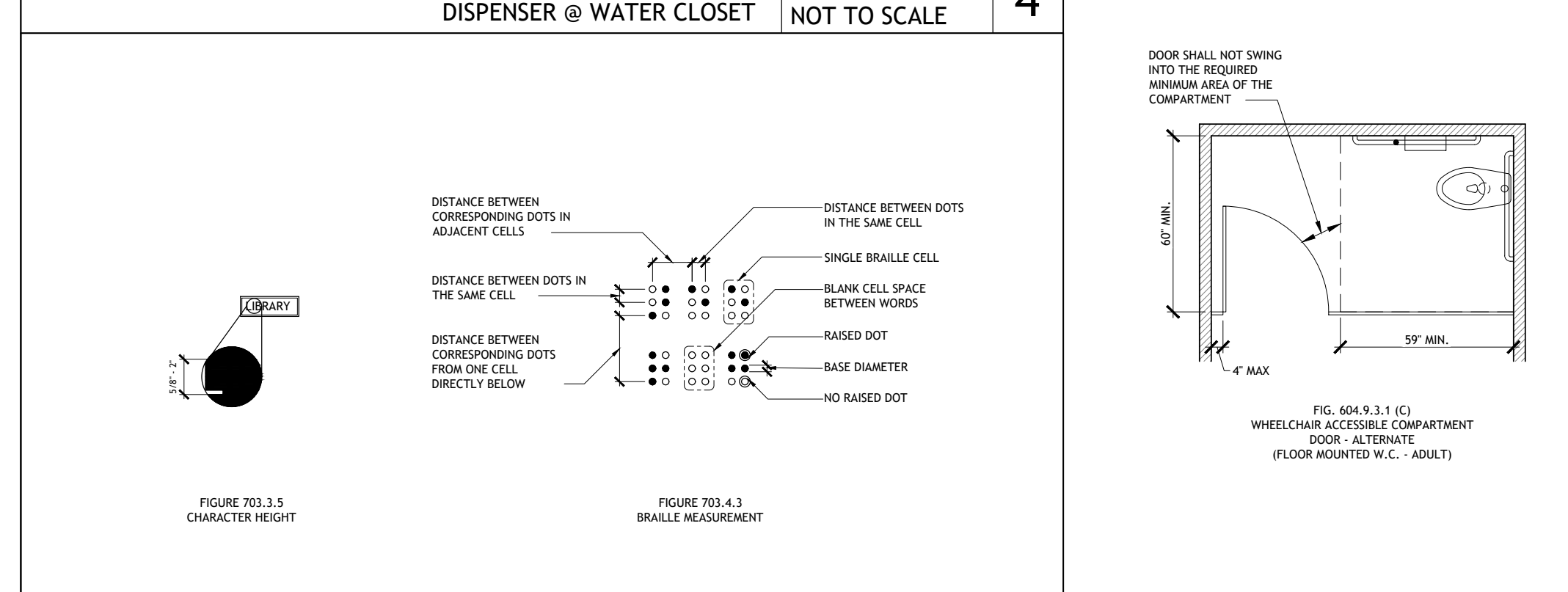
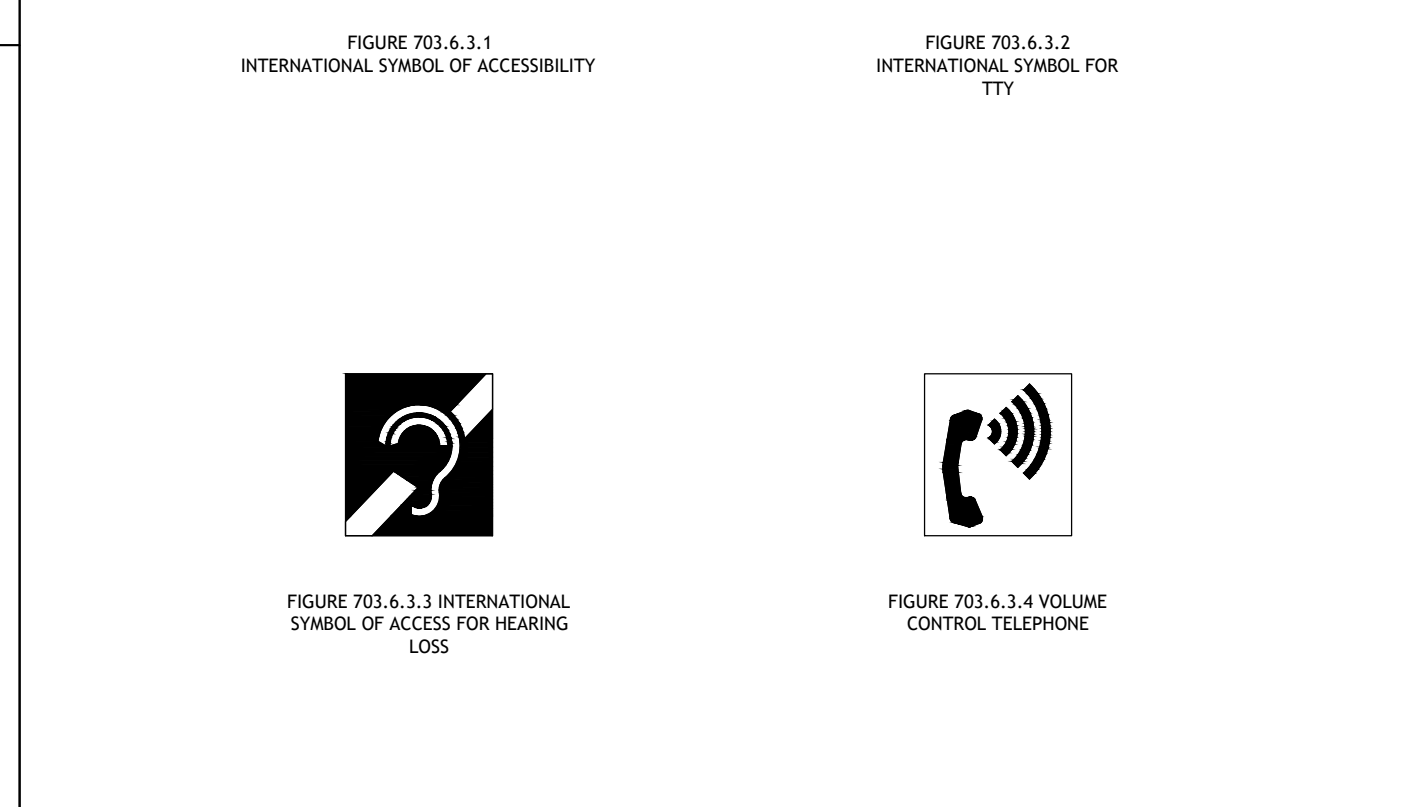
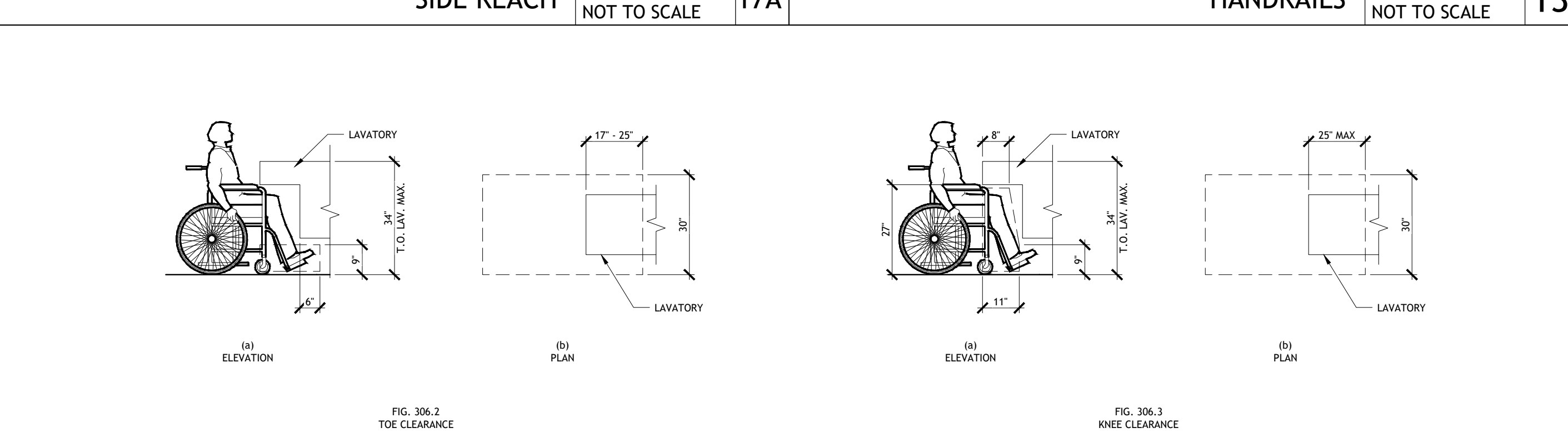


SIDE REACH SCALE NOT TO SCALE 17A

HANDRAILS SCALE NOT TO SCALE 13

GRAB BAR & PROTRUDING DISPENSER @ WATER CLOSET SCALE NOT TO SCALE 4

WATER CLOSET & TOILET COMPARTMENT SCALE NOT TO SCALE 1



LAVATORY KNEE & TOE CLEARANCES SCALE NOT TO SCALE 16

INTERNATIONAL ACCESSIBILITY SYMBOL SCALE NOT TO SCALE 9

HEIGHT OF RAISED CHARACTERS SCALE NOT TO SCALE 3

WATER CLOSET & TOILET COMPARTMENT SCALE NOT TO SCALE 1

LIFE SAFETY / ACCESSIBILITY NOTES

- WHILE IT IS THE INTENT OF THE ARCHITECT, HIS/HER EMPLOYEES, AND ASSIGNS TO ADHERE TO ALL ASPECTS AND REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL ACCESSIBILITY CODES, THE CONTRACTOR SHALL NOT BE RELIEVED OF SOLE RESPONSIBILITY TO VERIFY ALL REQUIREMENTS OF SAID ACTS AS PERTAINING TO CONTRACT DOCUMENT CONTAINED HEREIN PRIOR TO COMMENCEMENT OF ANY WORK.
- THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO IMMEDIATELY NOTIFY THE ARCHITECT OF POSSIBLE DISCREPANCIES & TO PAY SPECIAL ATTENTION TO ITEMS LISTED BELOW:
- A. REFER TO COVER SHEET FOR CODE SUMMARY & BUILDING DATA.
 - B. REFER TO ARCHITECTURAL FLOOR PLANS FOR BUILDING DIMENSIONS.
 - C. REQUIRED ACCESSIBLE PARKING AREAS, CURBS, CROSSWALKS, SIGNS, ETC., SHALL COMPLY WITH CURRENT STATE AND LOCAL CODES.
 - D. TACTILE EXIT SIGNS SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS:
 - D.1. EACH GRADE LEVEL EXTERIOR DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT".
 - D.2. EACH EXIT, EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE".
 - E. THE BOTTOM 10" OF ALL DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST.
 - F. NO THRESHOLD SHALL EXCEED 1/2" IN HEIGHT.
 - G. HAND-OPERATED DOOR OPENING HARDWARE SHALL NOT REQUIRE TIGHT GRASPING OR TWISTING OF THE WRIST IN ORDER TO OPERATE, AND SHALL BE MOUNTED NO HIGHER THAN 48" A.F.F.
 - H. MAXIMUM FORCE REQUIRED TO OPEN EXTERIOR DOORS SHALL NOT EXCEED 5 LBS. MAXIMUM FORCE REQUIRED TO OPEN INTERIOR DOORS SHALL NOT EXCEED 5 LBS.
 - I. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 5 INCHES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
 - J. FAUCET CONTROL AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. LEVER OPERATED, FLUSH TYPE AND ELECTRONICALLY OPERATED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. IF SELF CLOSING VALVES ARE USED, THE FAUCET SHALL REMAIN OPEN FOR A MINIMUM OF 10 SECONDS.
 - K. PROVIDE SIGNAGE WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI A117.1 (LATEST EDITION) AND ADA REQUIREMENT.
 - L. SIGNAGE HEIGHT SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ACCESSIBILITY CODES.
 - M. RESTROOM SIGNAGE SHALL BE MOUNTED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE RESPECTIVE RESTROOM DOOR.
 - N. FLAME SPREAD RATING SHALL BE CLASS C MINIMUM.

EXITING REQUIREMENTS

AREA	REQUIRED	PROVIDED
COMMON PATH OF EGRESS TRAVEL (CPET)	75'	65'-11"
MINIMUM NUMBER OF EXITS	3 EXITS	6
TRAVEL DISTANCE MAXIMUM	250'	156'-0"
DIAGONAL OF BUSINESS AREA: - 1/2 OF DIAGONAL DISTANCE W/O AUTOMATIC SPRINKLER - 1/3 OF DIAGONAL DISTANCE W/ AUTOMATIC SPRINKLER	DIAGONAL DISTANCE	DIA DIST/3

EXIT CAPACITY LEGEND

A	REQUIRED EXIT CAPACITY (0.2" PER OCCUPANT)
B	PROVIDED EXIT WIDTH

LIFE SAFETY LEGEND

- A LENGTH OF EXIT TRAVEL DISTANCE FROM START POINT (FEET)
- B CPET DISTANCE FROM START POINT (FEET)
- > EXIT TRAVEL DISTANCE (3'-4" CLEAR WIDTH MIN.)
- FEC FIRE EXTINGUISHER CABINET
- FE PORTABLE FIRE EXTINGUISHER
- TS TACTILE "EXIT" SIGN

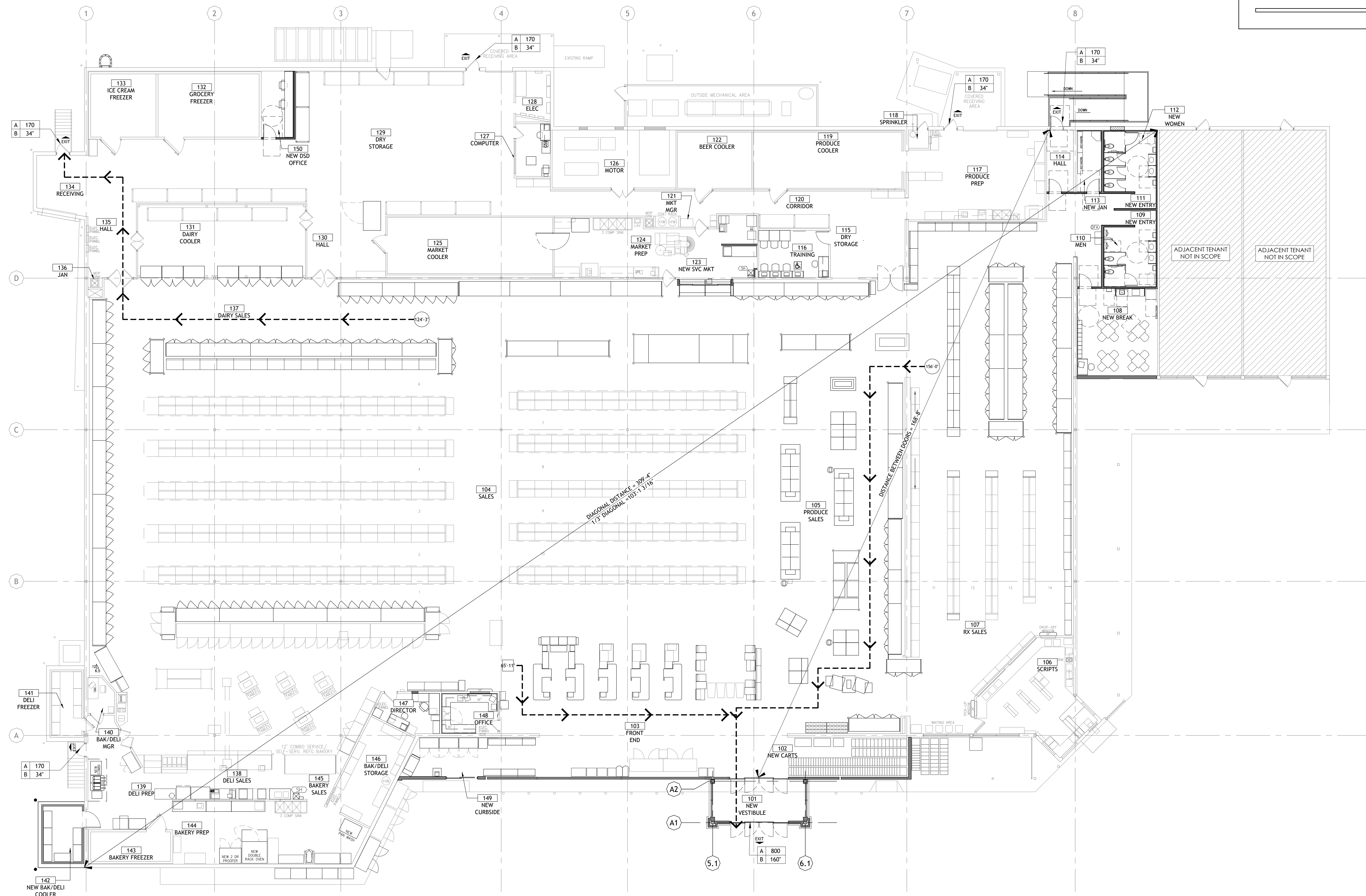
CORE STATES

CORESTATES DESIGN P.C.

111 3rd Avenue S
Suite 400
612.547.1300
Minneapolis, MN 55401
www.core-states.com



Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR



1 LIFE SAFETY / ACCESSIBILITY PLAN
SCALE: 3/32" = 1'-0"



BGC fs
BROOKSHIRE
GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
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LANGLEY, OK

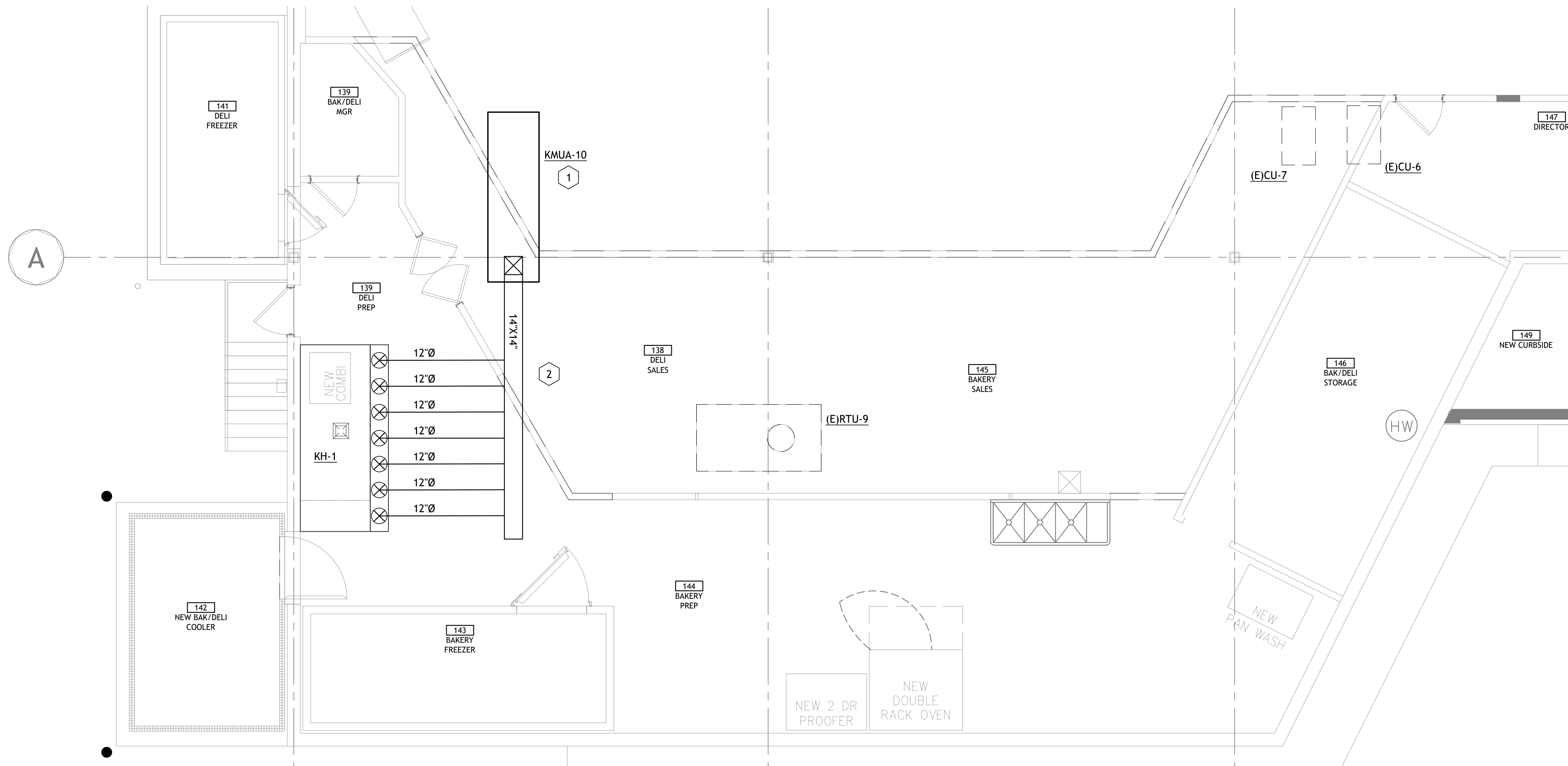
REMODEL
Reason's
1624 N 3RD ST.

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0	11/11/2024	PERMIT SET

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DATE: **09/23**
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 SHEET NO.: **LS1.0**

AS OF: 11/11/24



2 ENLARGED BAKERY HVAC PLAN
1/4" = 1'-0"

HVAC NOTES

- ONE (1) NEW KITCHEN MAKEUP AIR UNIT TO BE INSTALLED PER CAPTIVAIRE PAGES ON SHEETS M2.0 AND M2.1.
- ALL DUCT SIZES SHOWN ARE SHEET METAL SIZES AND ACCOUNT FOR INSULATION. INSULATE ALL ROUND DUCTS EXTERNALLY, EXCEPT EXHAUST DUCTS, WITH 2" FIBERGLASS INSULATION WITH VAPOUR BARRIER. INSULATE ALL RECTANGULAR DUCT WITH 1"-THICK, 1-1/2 LB. DENSITY DUCT LINER. TAPE ALL JOINTS.
- INSTALL FACE DAMPER ON ALL SIDEWALL DIFFUSERS ON MAIN TRUNK SERVING PHARMACY.

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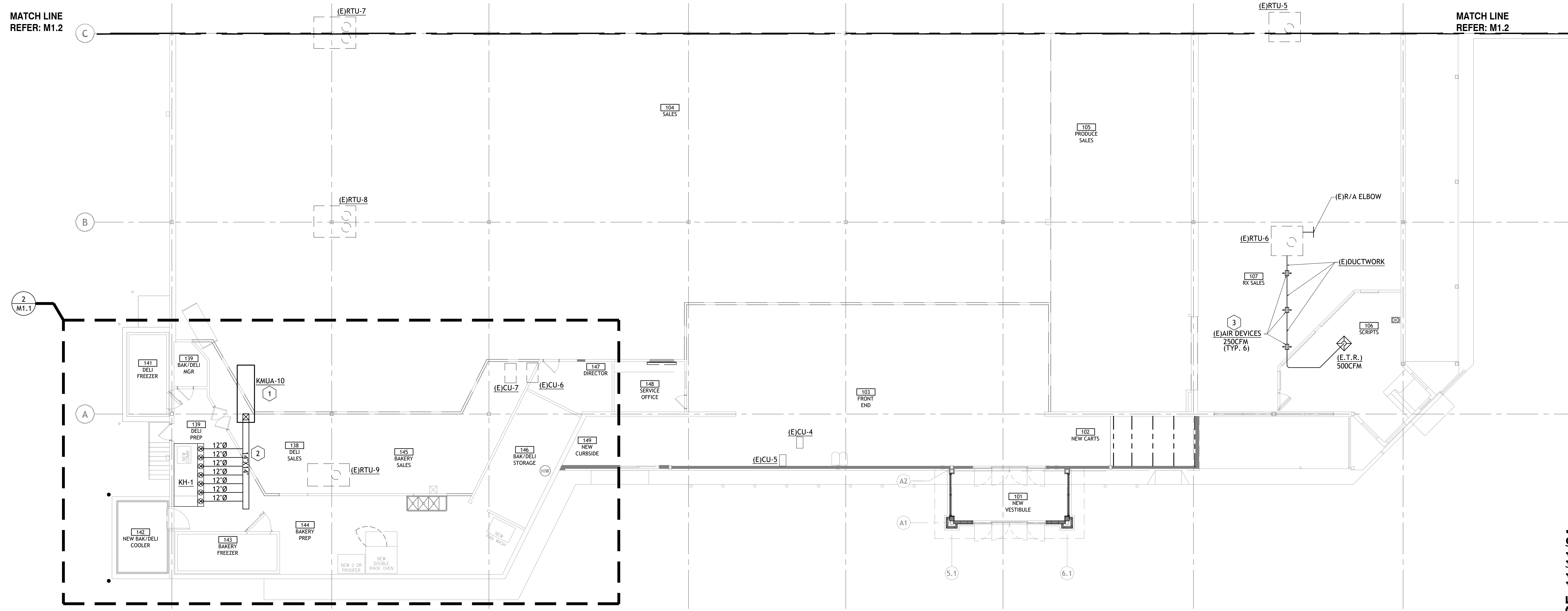


Drawn: W. OSMENT
Reviewed: Z. ARCHER
Sheet Date: 02-09-2024
Proj. Number: BGC.37947.RR

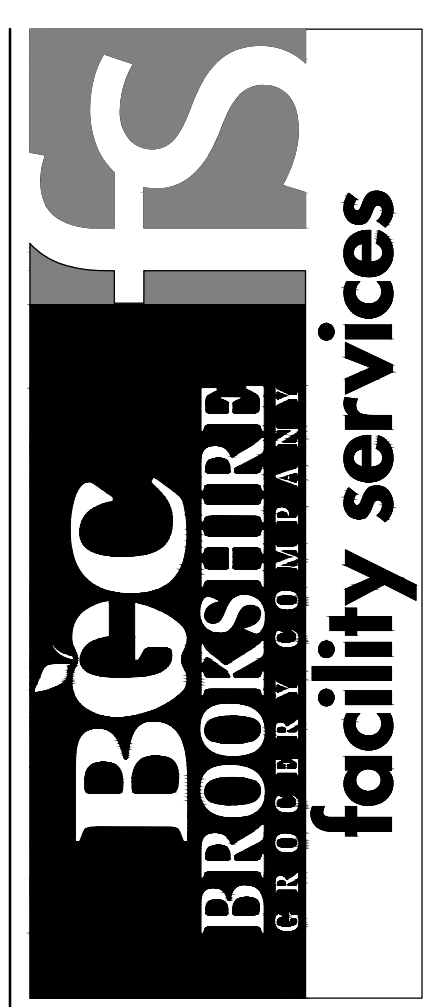
REFER TO SHEET
M3.0 FOR SCHEDULE

MATCH LINE
REFER: M1.2

MATCH LINE
REFER: M1.2



1 ENLARGED WEST HVAC PLAN
1/8" = 1'-0"



430 E. Front St.
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903-579-0500

39,756 SF
#906
LANGLEY, OK

REMODEL
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DATE
09/23
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4090600-0
STORE NO.
906
SHEET NO.

AS OF: 11/11/24
M1.1

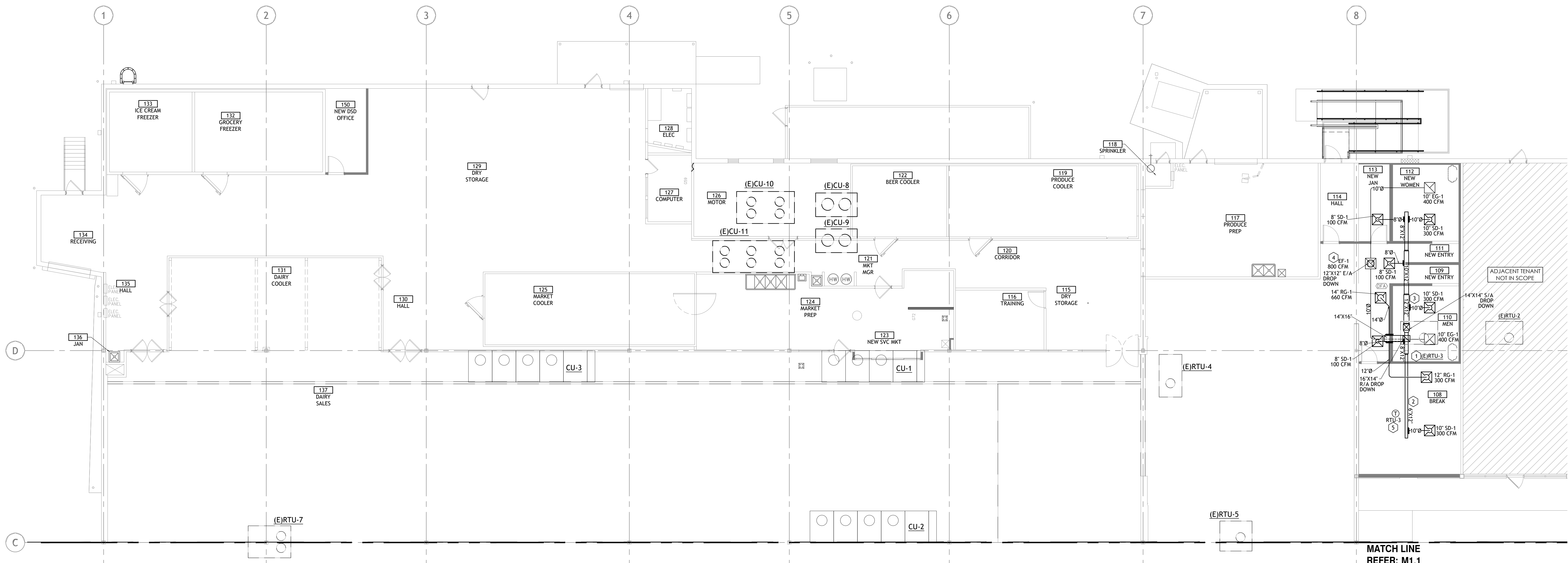
- HVAC NOTES**
- ONE (1) EXISTING ROOFTOP UNIT ((E)RTU-3) TO REMAIN. INSTALL DUCTWORK AS SHOWN ON PLANS. BALANCE SUPPLY AIR TO 1200 CFM AND OUTSIDE AIR TO 240 CFM. PERMANENTLY STENCIL TENANT NAME AND SPACE NUMBER ON ALL ROOFTOP EQUIPMENT.
 - ALL DUCT SIZES SHOWN ARE SHEET METAL SIZES AND ACCOUNT FOR INSULATION. INSULATE ALL ROUND DUCTS EXTERNALLY, EXCEPT EXHAUST DUCTS, WITH 2" FIBERGLASS INSULATION WITH VAPOR BARRIER. INSULATE ALL RECTANGULAR DUCT WITH 1" THICK, 1-1/2 LB. DENSITY DUCT LINER. TAPE ALL JOINTS.
 - TYPICAL BRANCH FITTING DETAILS ARE APPLICABLE THROUGHOUT. RE: 1/M3.0.
 - INSTALL NEW EXHAUST FAN SERVING RESTROOM AS SCHEDULED. ROUTE 12"X12" EXHAUST DUCT UP THROUGH ROOF TO EF-1. MAINTAIN 10'-0" DISTANCE FROM ANY FRESH AIR INTAKES.
 - RELOCATE EXISTING THERMOSTAT FOR ((E)RTU-3) TO LOCATION SHOWN ON PLANS.

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3039 Premiere Parkway
Suite 700
Duluth, GA 30097
770.242.9550
www.core-states.com

Drawn: W. OSMENT
Reviewed: Z. ARCHER
Sheet Date: 02-09-2024
Proj. Number: BGC.37947.RR

REFER TO SHEET
M3.0 FOR SCHEDULE



NO.	DATE	REVISION DESCRIPTION
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	<input type="checkbox"/> REVIEW
	<input type="checkbox"/> PERMIT
	<input type="checkbox"/> BIDDING
	<input type="checkbox"/> CONSTRUCTION

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906
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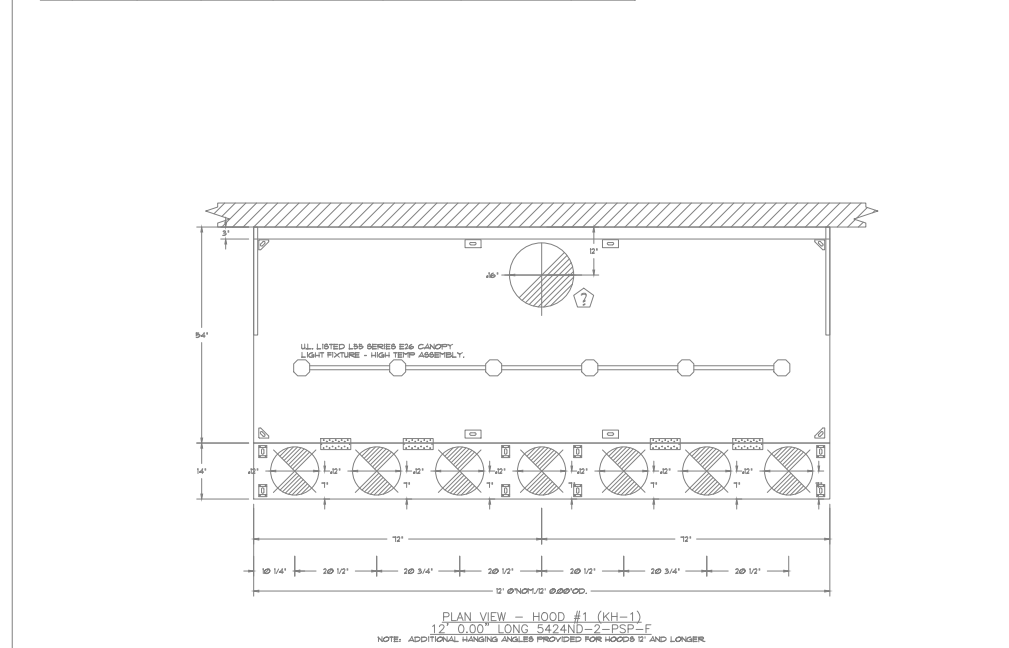
MATCH LINE
REFER: M1.1

MATCH LINE
REFER: M1.1

1 ENLARGED EAST HVAC PLAN
1/8" = 1'-0"

AS OF: 11/11/24

NO.	DATE	BY	DESCRIPTION
1	1/9/2024	W. OSMENT	ISSUED FOR PERMIT
2	1/11/2024	Z. ARCHER	REVISION



FAN UNIT MODEL *	SPONSOR	TORQUE	VOLUME	PHASE	FREQUENCY	FLA	MAXIMUM	MINIMUM	WIND
1	1	1	1	1	1	1	1	1	1

FAN UNIT MODEL *	SPONSOR	TORQUE	VOLUME	PHASE	FREQUENCY	FLA	MAXIMUM	MINIMUM	WIND
1	1	1	1	1	1	1	1	1	1

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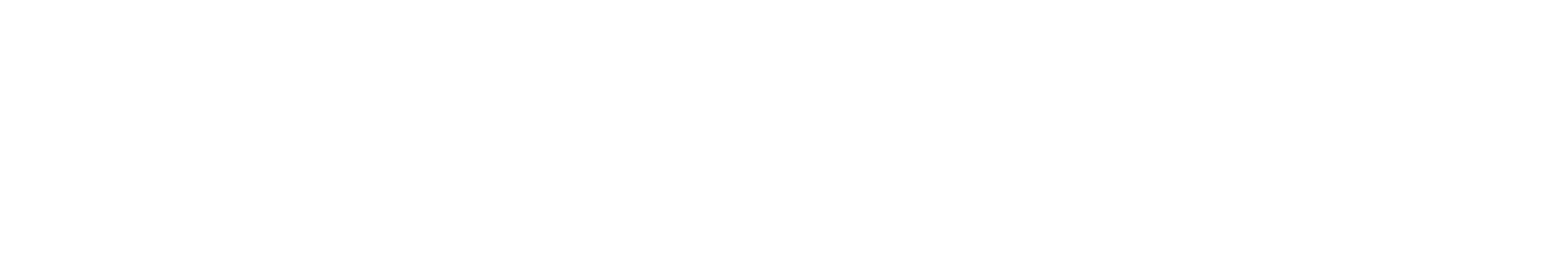
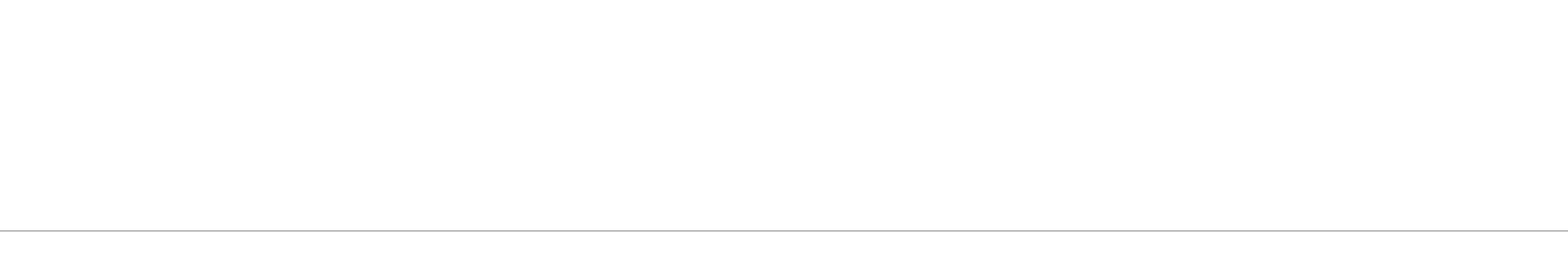
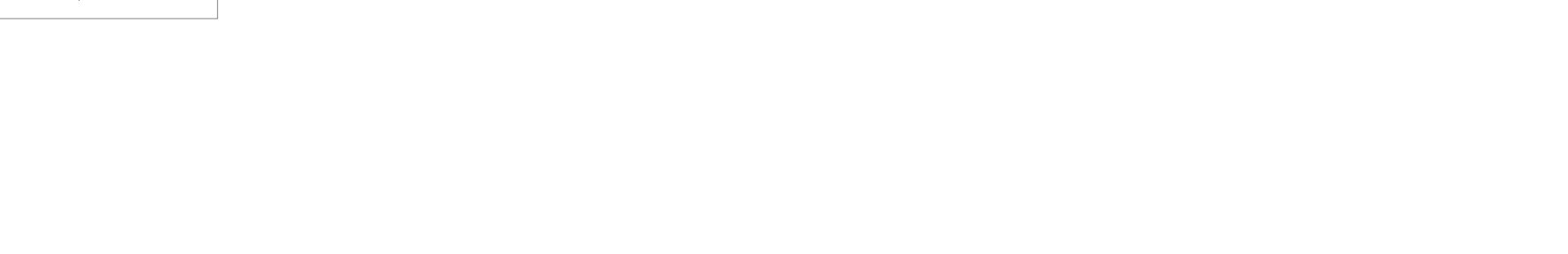
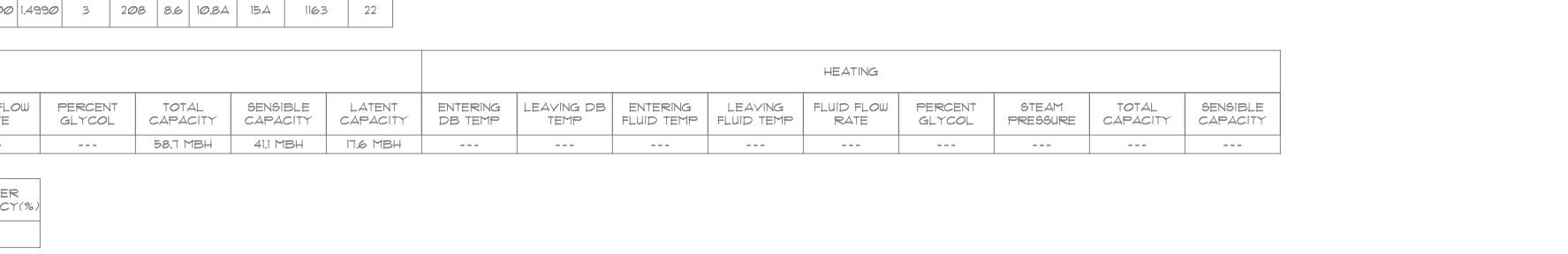
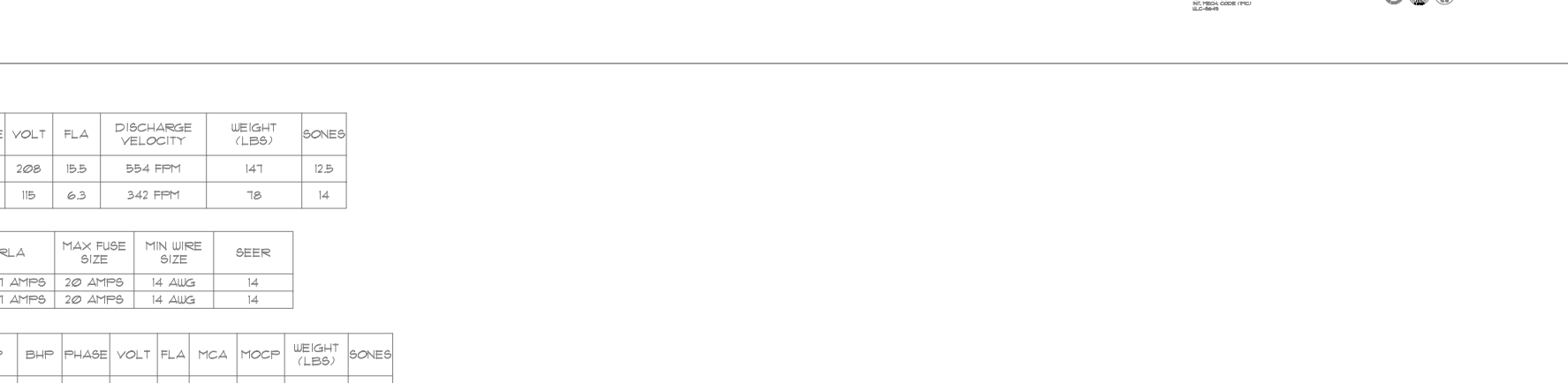
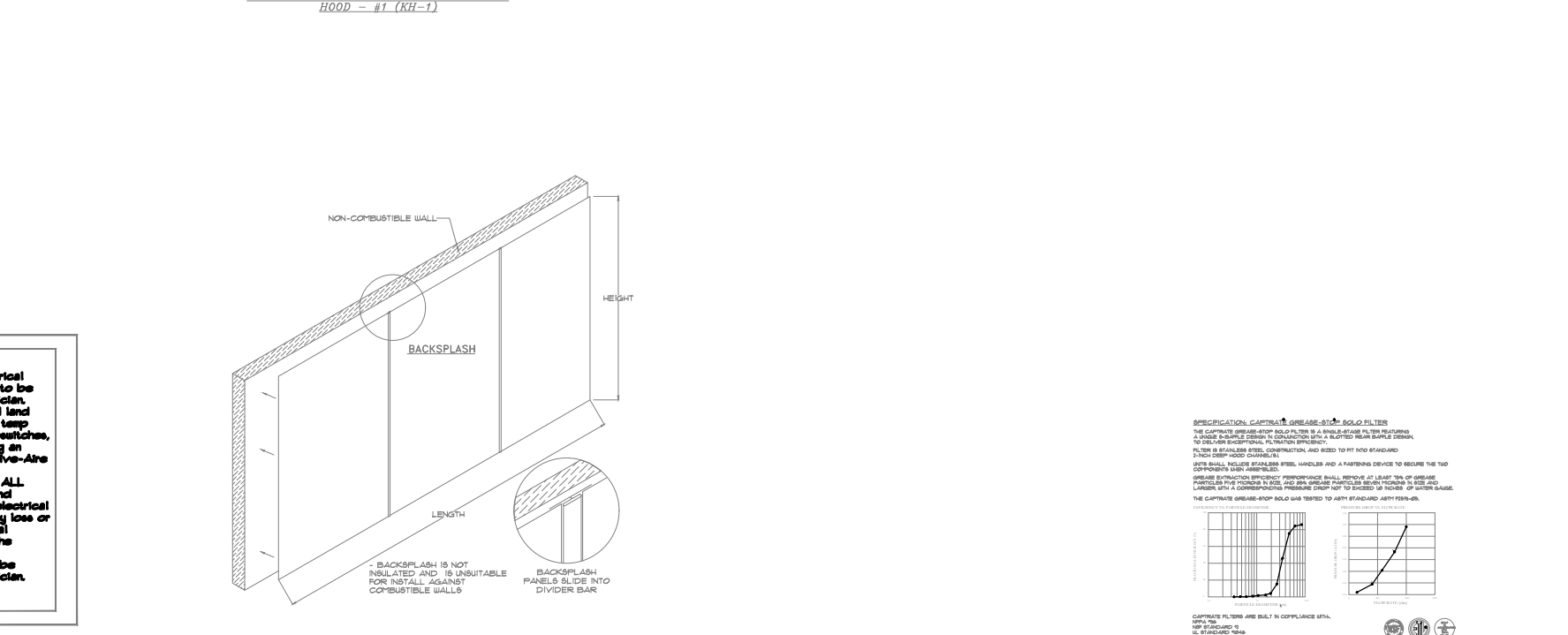
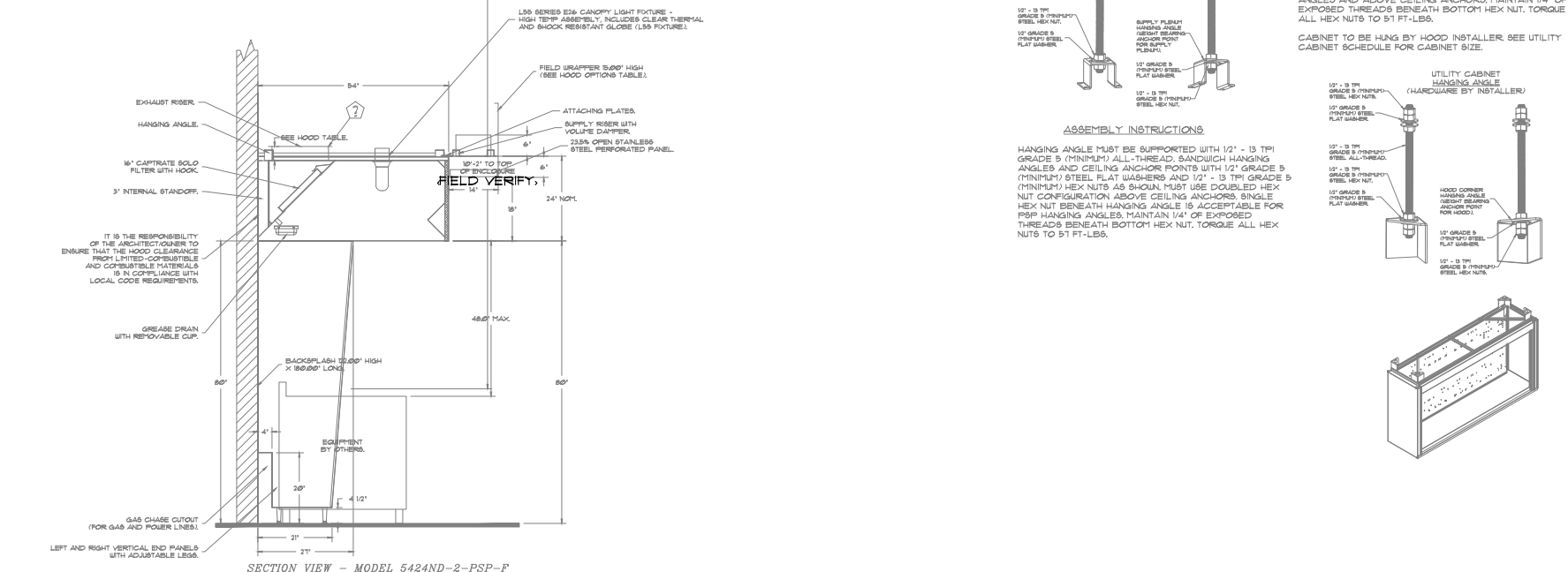
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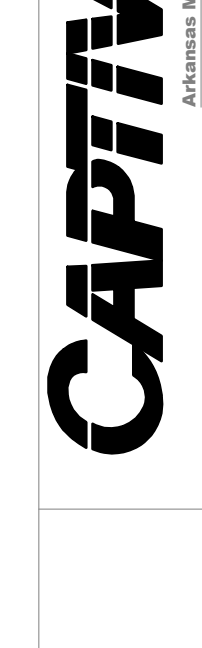
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2	1/11/2024	Z. ARCHER	REVISION



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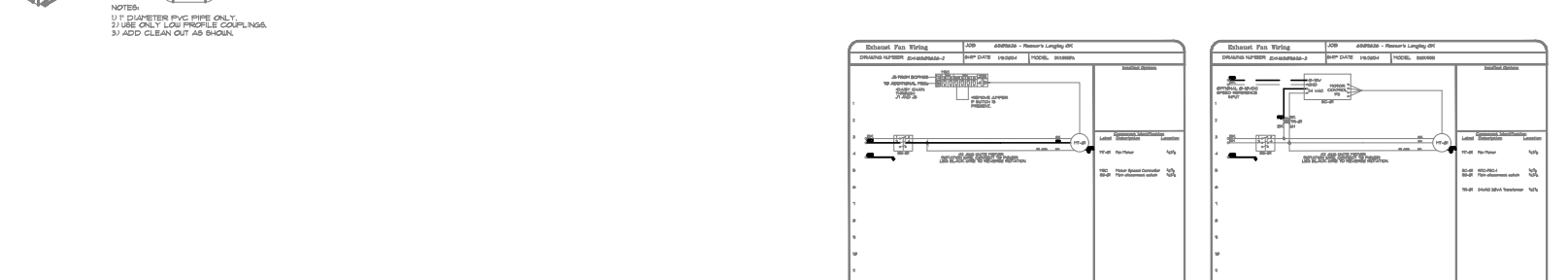
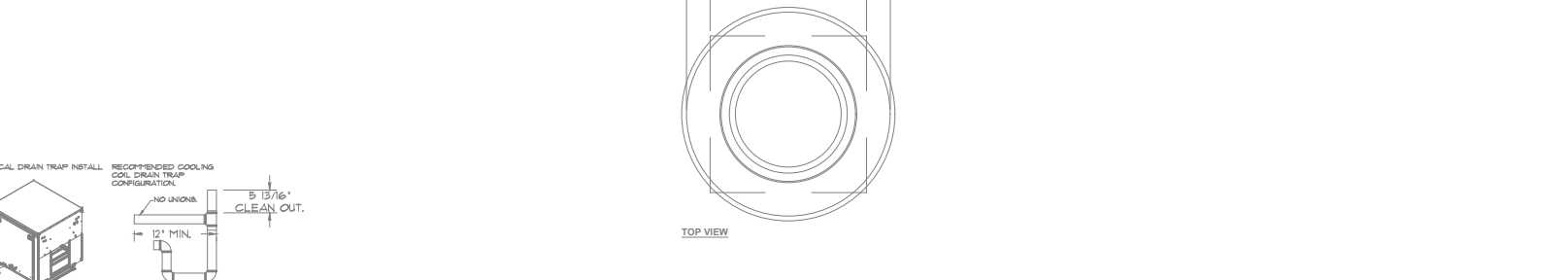
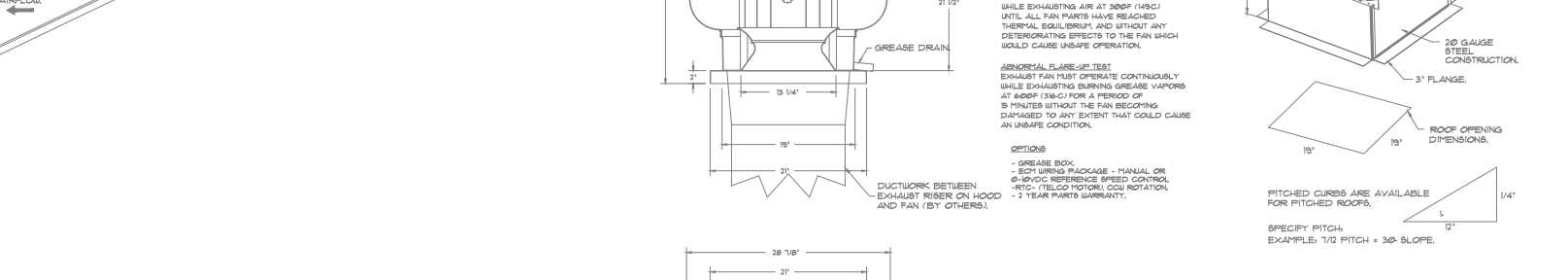
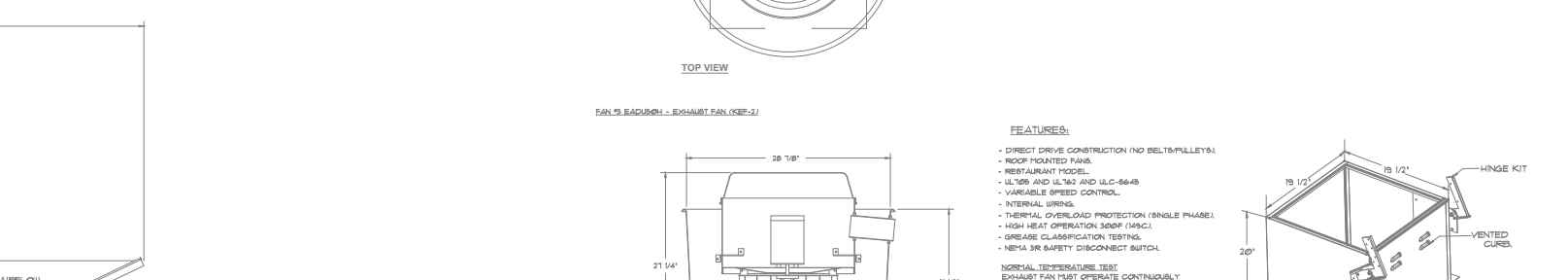
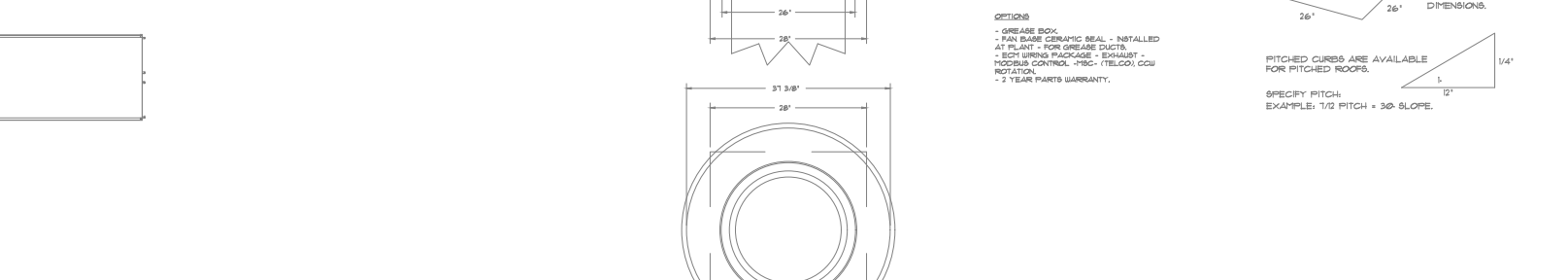
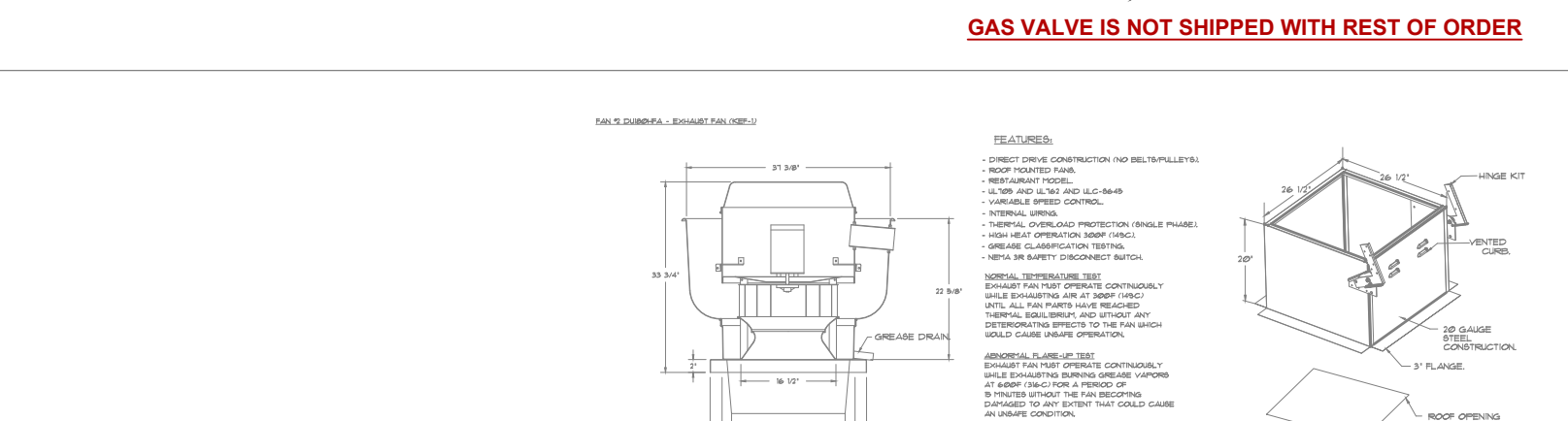
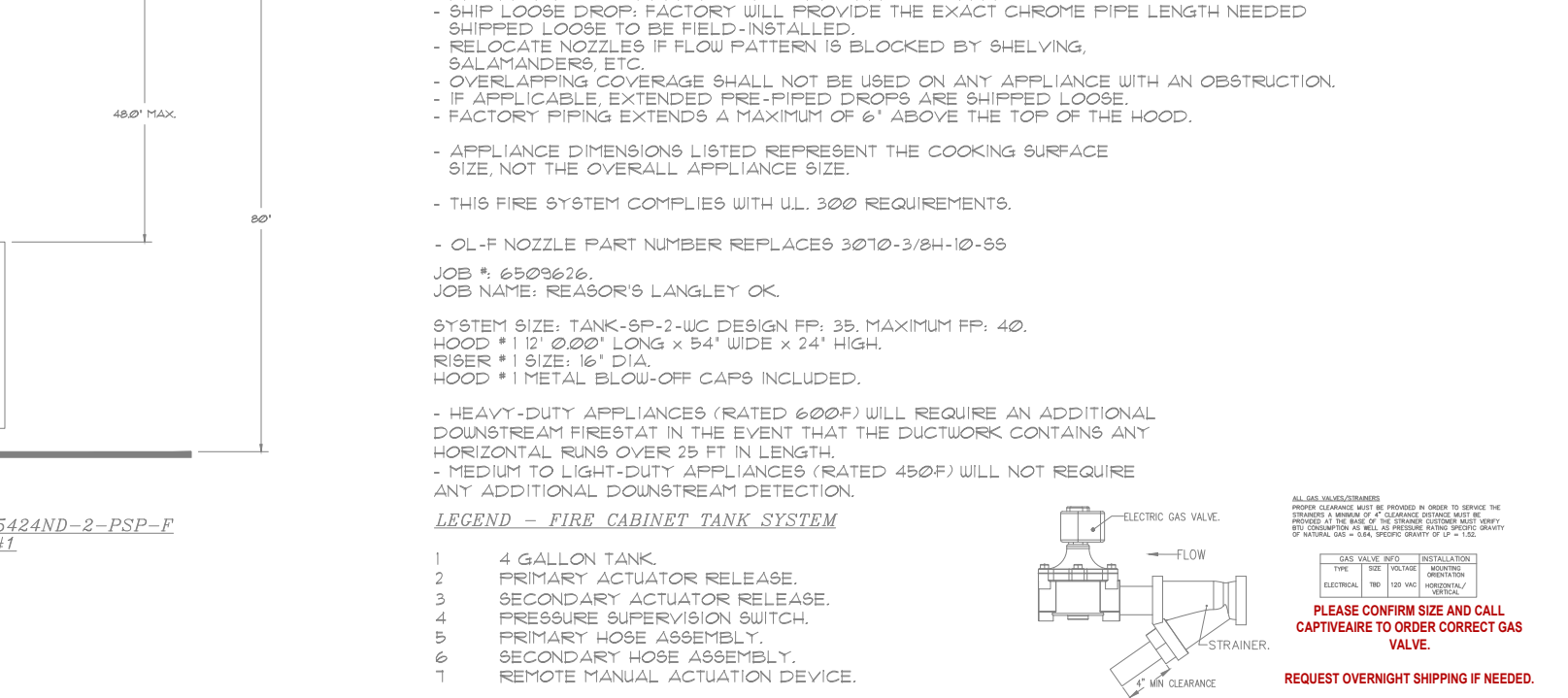
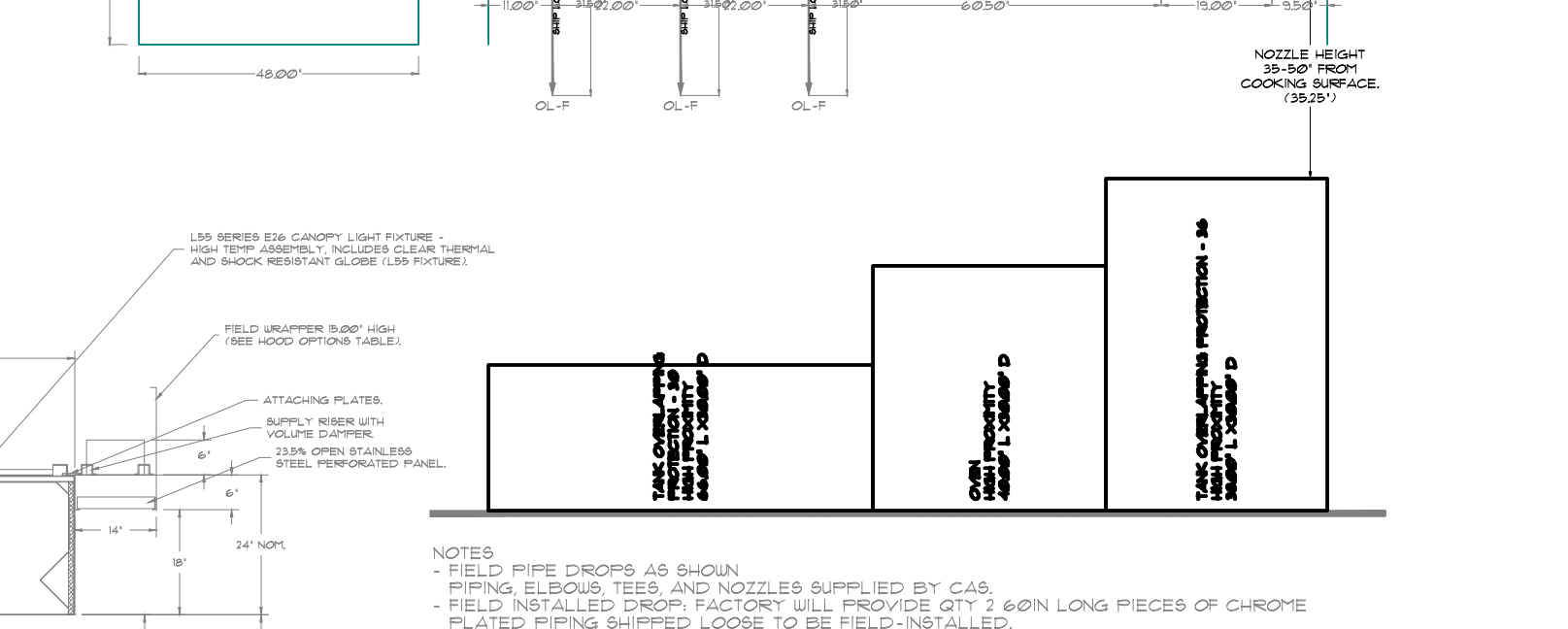
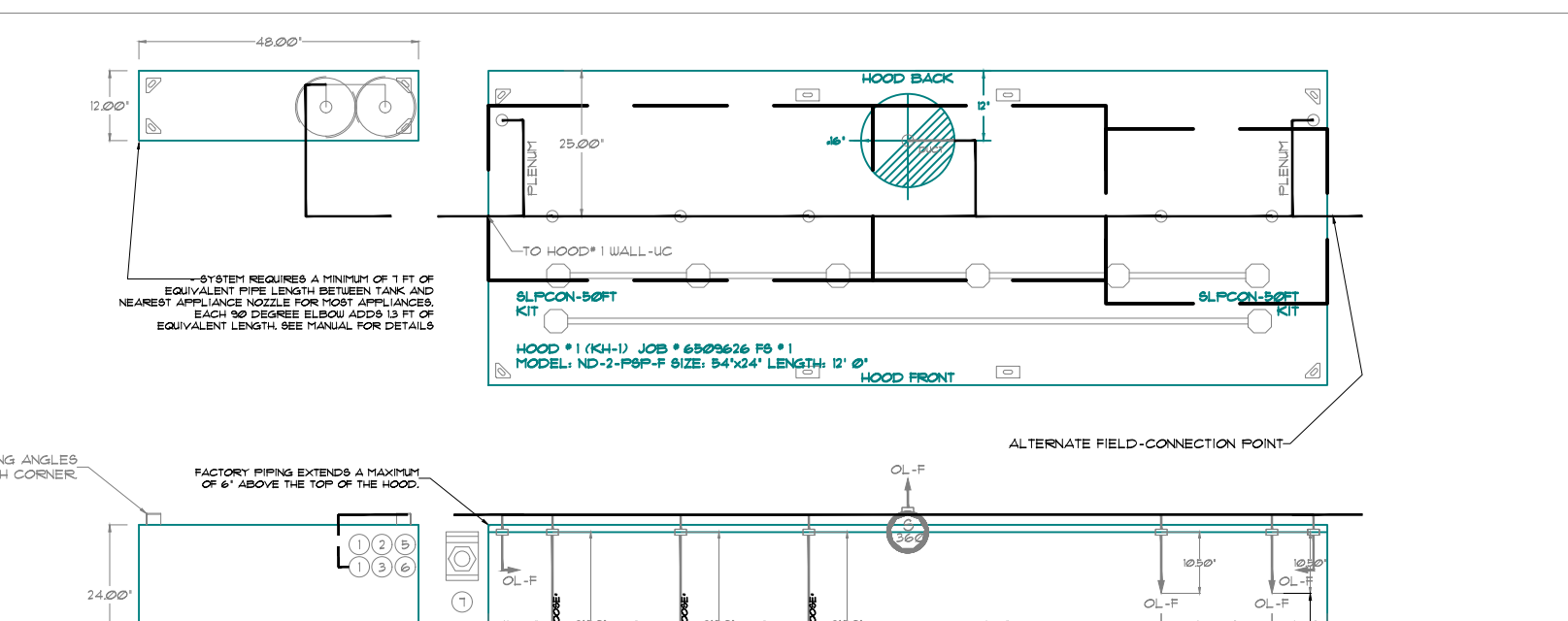
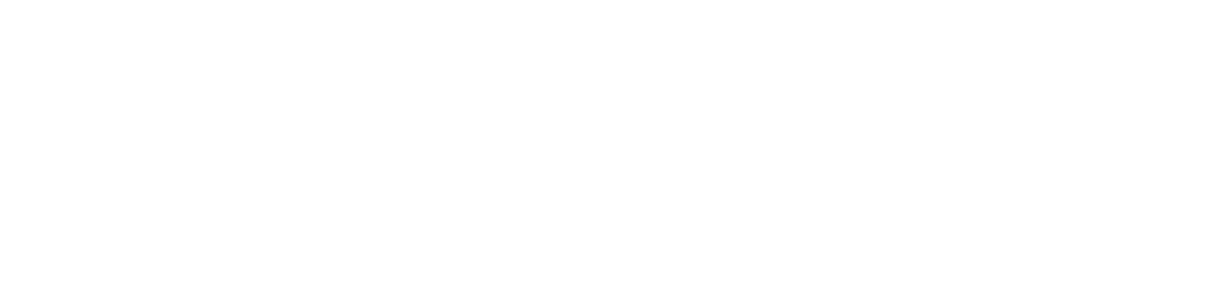
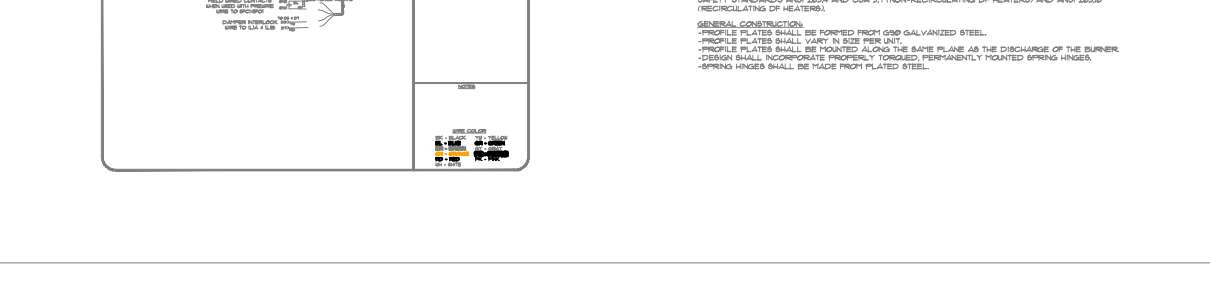
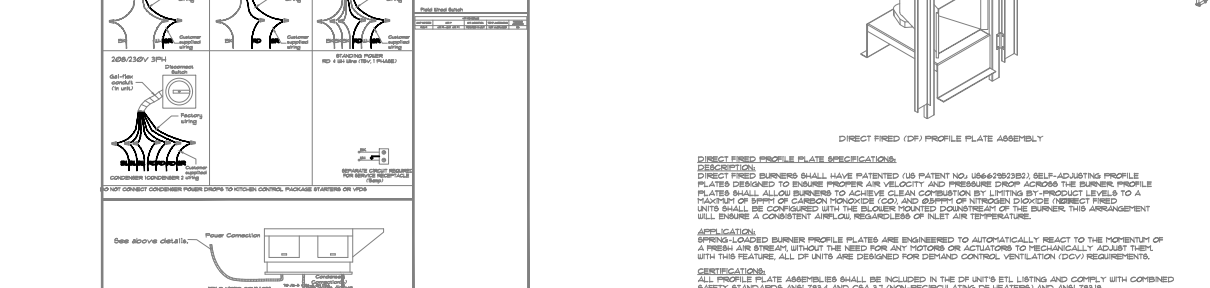
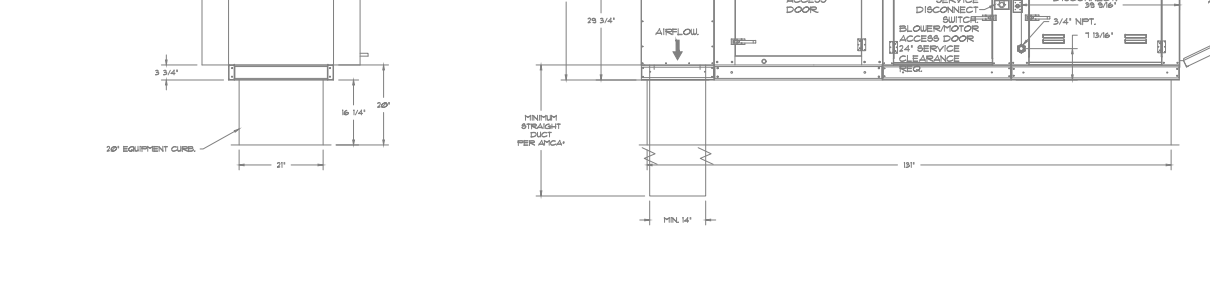
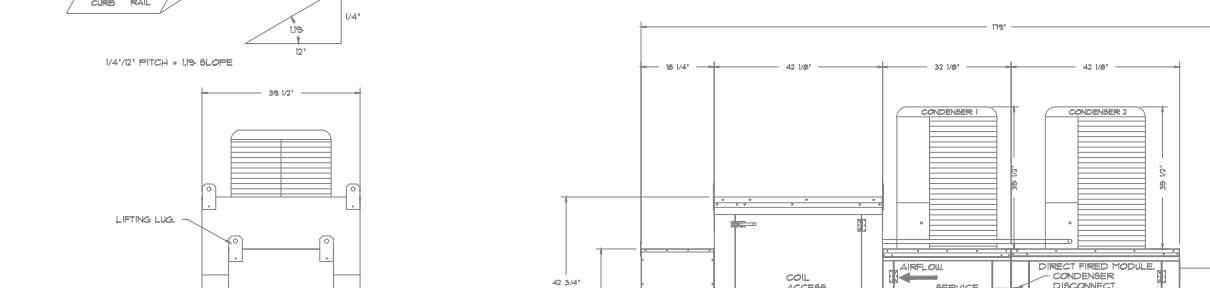
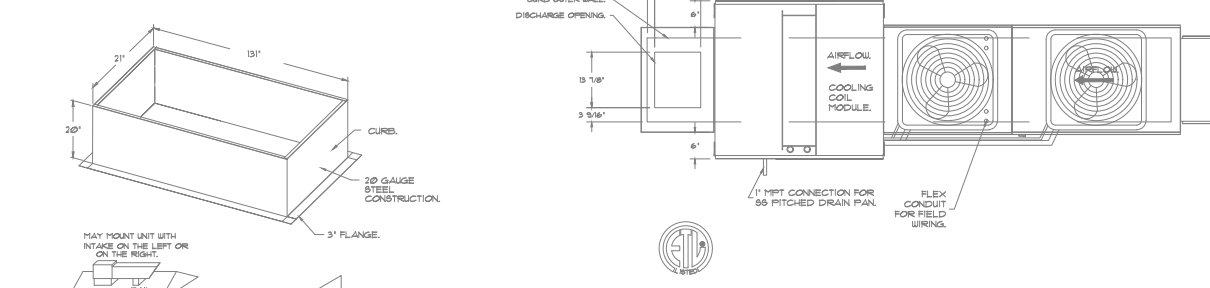
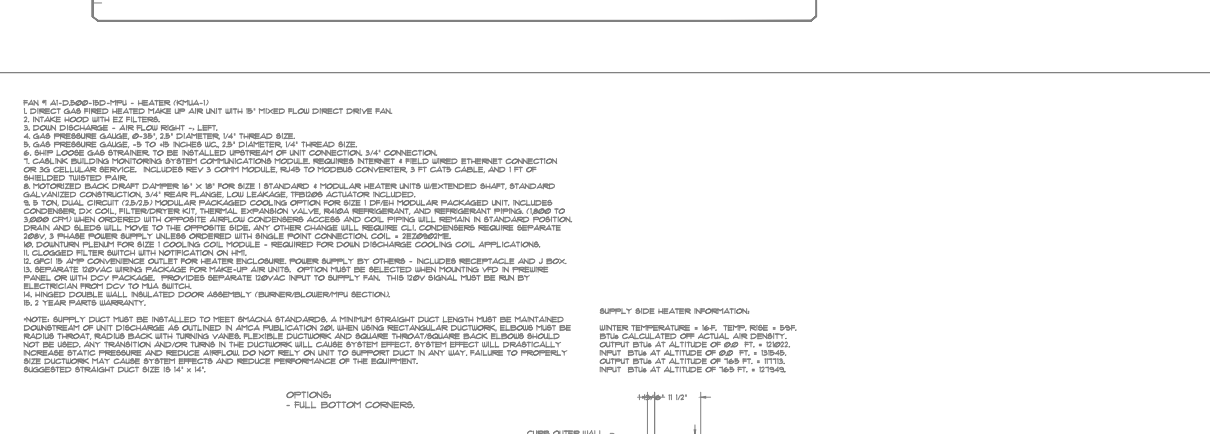
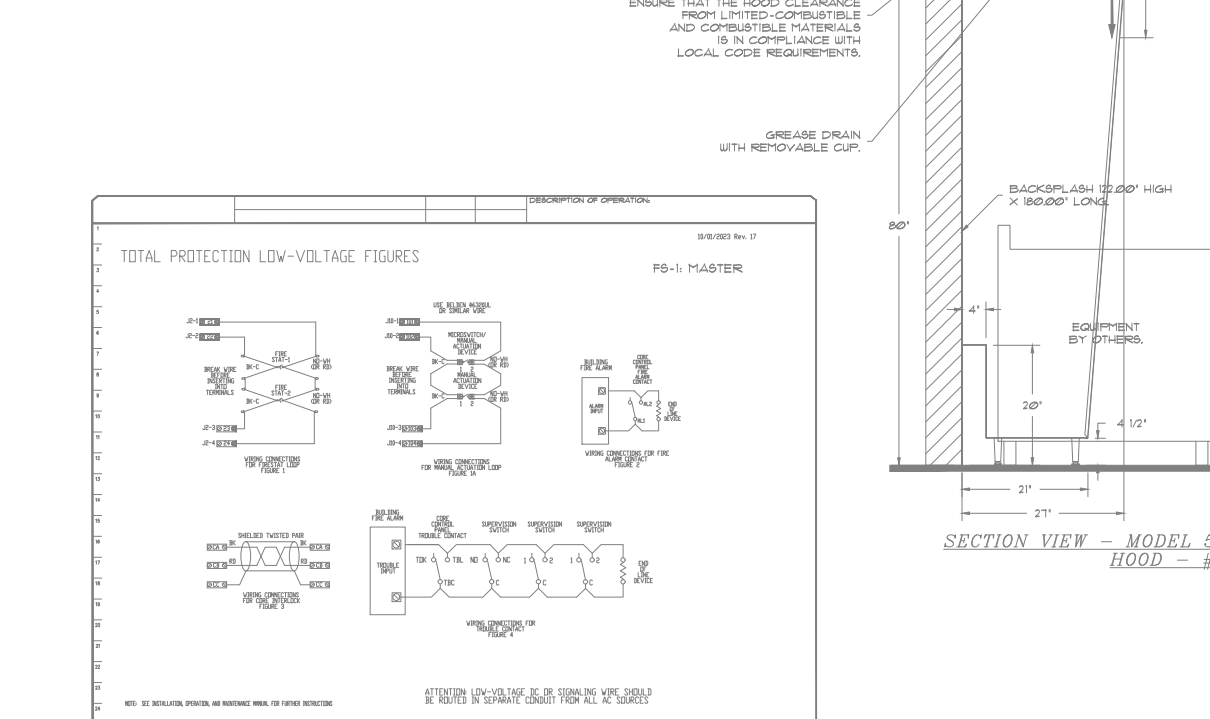
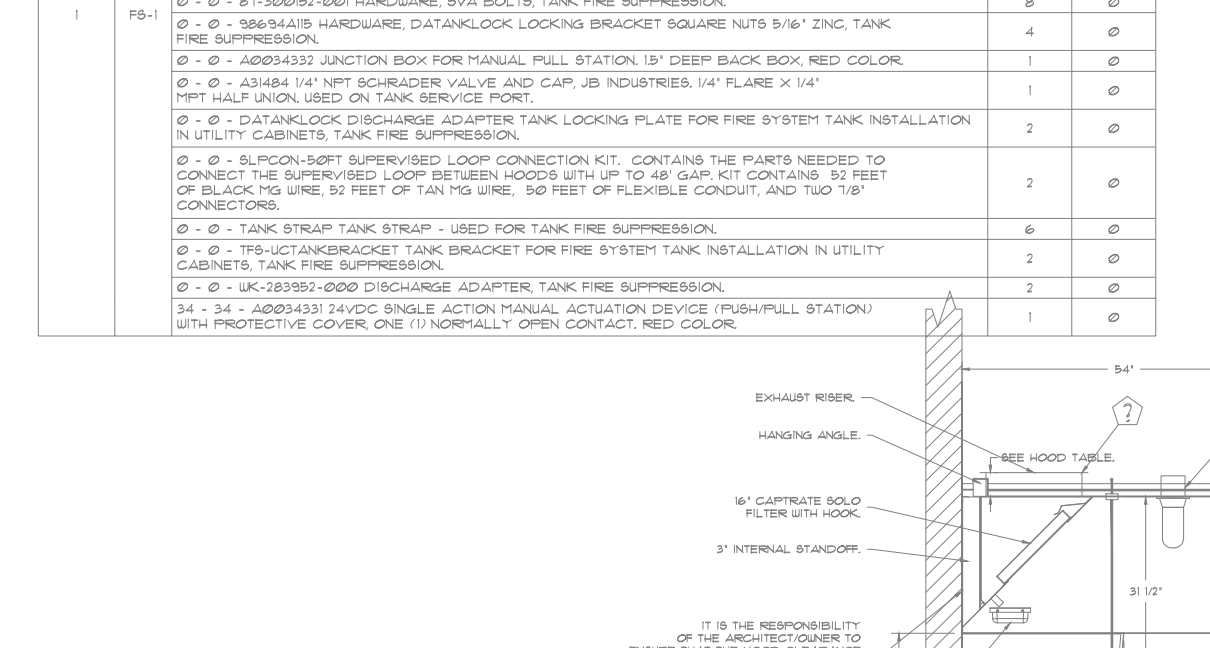
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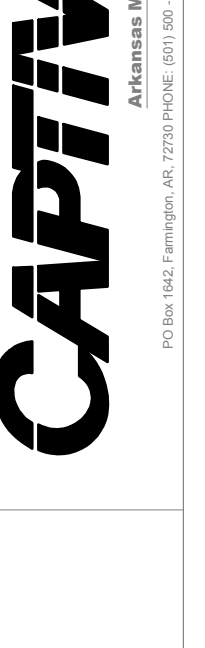
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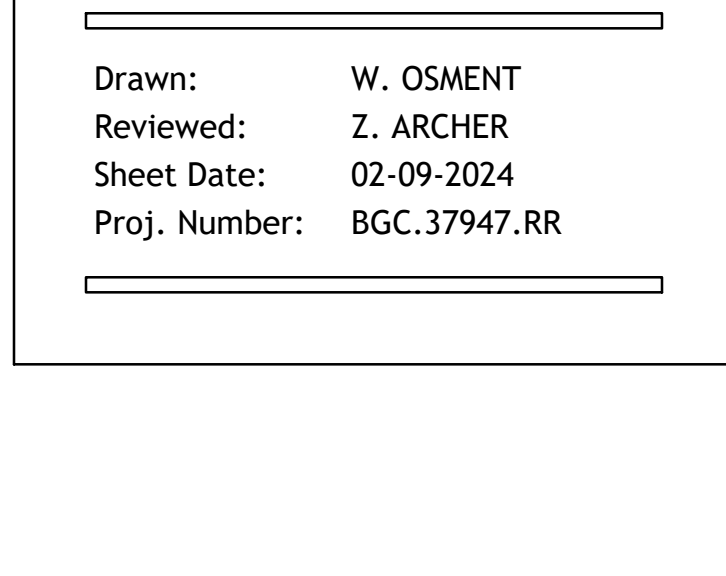
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CORE STATES
GROUP

CORESTATES, INC.
3039 Premiere Parkway
Suite 700
Duluth, GA 30097
770.242.9550
www.core-states.com



Drawn: W. OSMENT
Reviewed: Z. ARCHER
Sheet Date: 02-09-2024
Proj. Number: BGC.37947.RR

BGC fs
BROOKSHIRE
GROUERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

ADA NOTE

LIGHT SWITCHES, ELECTRICAL OUTLETS, AND OTHER ENVIRONMENTAL CONTROLS SHALL HAVE OPERABLE PARTS TO THE CONTROLS LOCATED NO HIGHER THAN 48", AND NO LOWER THAN 15".

GENERAL NOTES

- A. COORDINATE WITH THE WORK OF OTHER SECTIONS. EQUIPMENT FURNISHED BY G.C., REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE DUCT RISERS AND DROPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE.
- B. DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- C. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- D. SCHEDULE BALANCING WITH THE LANDLORD'S FIELD REPRESENTATIVE. PROVIDE A COPY OF THE APPROVED TEST AND BALANCE REPORT TO THE LANDLORD.

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AIR DEVICE SCHEDULE

MARK	SERVICE	MANUFACTURER MODEL ACCESSORIES	MOUNTING TYPE	FRAME TYPE STYLE NOTES
SD1	SUPPLY AIR	TITUS TMSA VD1, VD2	CEILING DIFFUSER	LAY-IN SQUARE 1,2,3,4,5,6,7
RG1	RETURN AIR	TITUS 50F	CEILING GRILLE	LAY-IN EGGCRATE 1,2,3,4,5,6,7
EG1	EXHAUST AIR	TITUS 50F	CEILING GRILLE	LAY-IN EGGCRATE 1,2,3,4,5,6,7

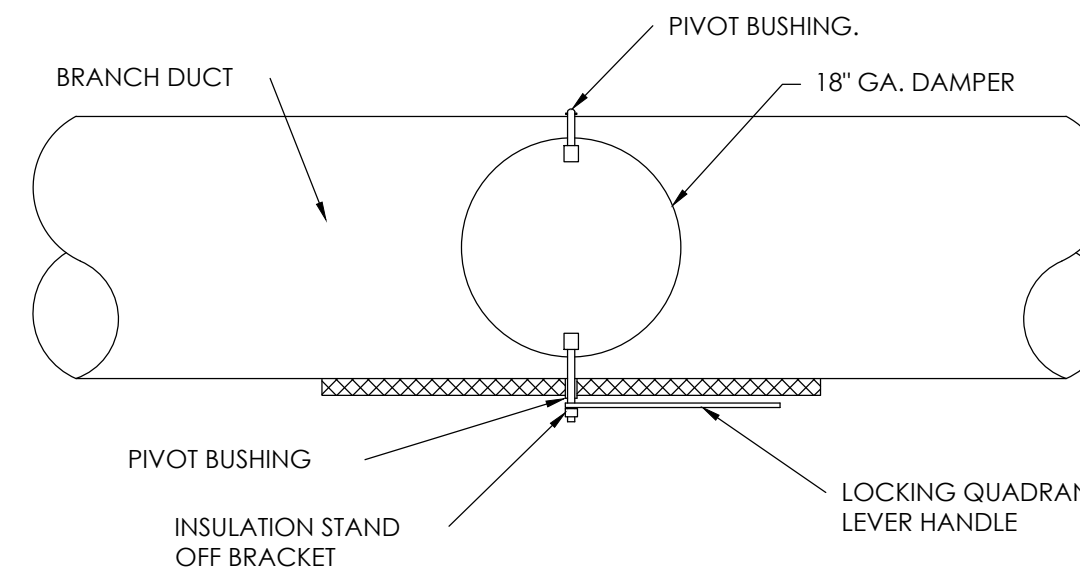
ACCESSORIES:
VD1 VOLUME DAMPER AT DEVICE, CONCEALED KEY OPERATOR
VD2 VOLUME DAMPER AT TAKEOFF DEVICE

NOTES:
1. DEVICE SIZE SHALL BE AS SHOWN ON DRAWINGS. BALANCE TO CFM SHOWN.
2. AIRFLOW PATTERN SHALL BE AS SHOWN ON DRAWINGS. OUTSIDE AIR
3. BAKED ENVIRO-THERM #23 OFF-WHITE FINISH & #84 BLACK FINISH (SALES ONLY).
4. CONTRACTOR MUST SELECT SCHEDULED MATERIALS OR APPROVED EQUAL.
APPROVED MANUFACTURERS ARE: TITUS, CARNES, MEAL-AIRE, AND JKL.
5. WHERE NOT INDICATED ON DRAWINGS, DUCT RUN-OUT TO MATCH DEVICE NECK SIZE.
6. SUPPORT DEVICE INDEPENDENT OF DUCTWORK.
7. SUSPEND FROM STRUCTURE WHERE NO CEILING IS INDICATED.

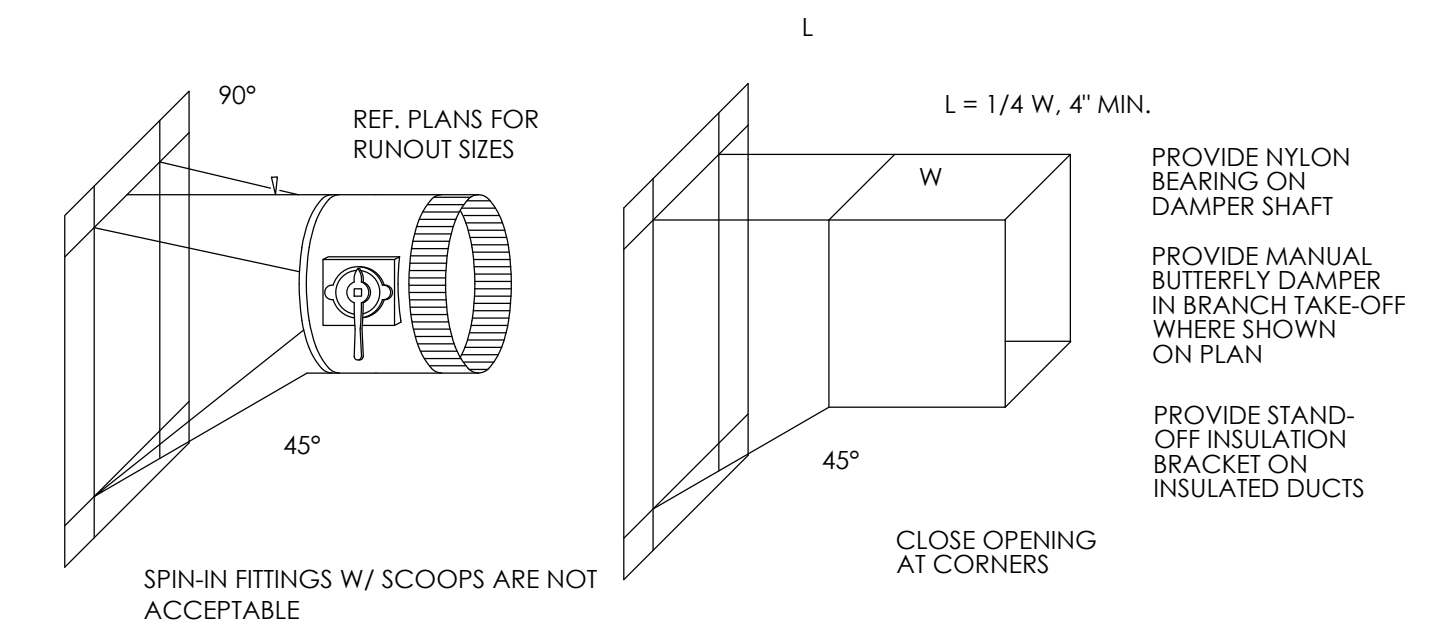
EXHAUST FAN SCHEDULE

MARK	AREA(S) SERVED	MANUFACTURER MODEL NO.	TYPE	CFM (CFM)	ESP	VOLTS/PHASE HP DRIVE	CONTROL	NOTES
EF-1	RESTROOMS	GREENHECK GB-099-A	ROOF	800	0.5	115/1 0.25 DIRECT	CONTINUOUS	1-3

NOTES:
1. MECHANICAL CONTRACTOR SHALL PROVIDE MOTOR STARTER INSTALLED BY ELECTRICAL CONTRACTOR.
2. PROVIDE WITH BACKDRAFT DAMPER.
3. ALUMINUM CONSTRUCTION.



2 MANUAL DAMPER
NTS

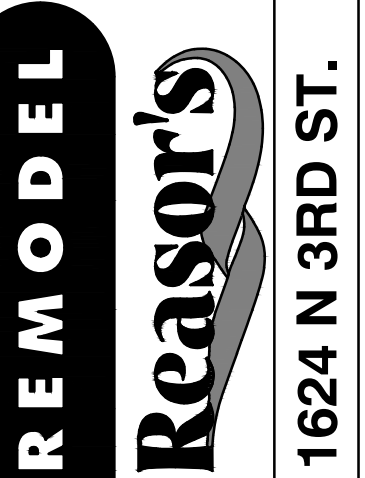


1 BRANCH DUCT FITTING
NTS



430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK



REVISION DESCRIPTION

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:	<input type="checkbox"/> PRELIMINARY
	<input type="checkbox"/> REVIEW
	<input type="checkbox"/> PERMIT
	<input type="checkbox"/> BIDDING
	<input type="checkbox"/> CONSTRUCTION

DATE

09/23

PROJECT NO.

4090600-0

STORE NO.

906

SHEET NO.

M3.0

AS OF: 11/11/24

GENERAL MECHANICAL REQUIREMENTS

- SCOPE OF WORK
 - THE WORK TO BE ACCOMPLISHED UNDER THIS SECTION OF SPECIFICATIONS INCLUDES THE FURNISHING OF ALL LABOR, MATERIALS, SUPERVISION AND EQUIPMENT FOR THE COMPLETE INSTALLATION OF ALL ELECTRICAL, HEATING, VENTILATING, PLUMBING, FIRE PROTECTION TOGETHER WITH ALL THE NECESSARY AUXILIARIES AND APPURTENANCES, GENERALLY THE WORK SHALL CONSIST OF, BUT IS NOT LIMITED TO, ITEMS LISTED IN THE FOLLOWING PARAGRAPHS.
 - PROVIDED BY CONTRACTOR: AIR CONDITIONING AND HEATING, HOODS AND SUBCONTRACTOR WORK: ALL ELECTRICAL WIRING OF EVERY CHARACTER, SINGLE ZONE SPLIT SYSTEM, FILTERS, FANS, MOTORS, DRIVES, HVAC UNITS, ETC.
 - AIR DISTRIBUTION SYSTEMS: SHEET METAL DUCTWORK, VOLUME DAMPERS, SPLITTER DAMPERS, TURNING VANES, AIR CONTROL DEVICES, GRILLES, REGISTERS, DIFFUSERS, FLEXIBLE DUCT, INSTALL PER SMACNA STANDARDS, FIBERGLASS DUCT BOARD IS NOT AN ACCEPTABLE ALTERNATIVE.
 - KITCHEN HOODS, SUPPLY AND VENT PIPING, DOMESTIC HOT AND COLD WATER DISTRIBUTION, HOT WATER GENERATORS, MIXTURES, GREASE TRAPS, VENTS, CONDENSATE LINES OF HVAC AND MISCELLANEOUS EQUIPMENT, UNDERFLOOR OR OVER HEAD SODA, REFRIGERANT LINE CONDUIIT AND/OR ROOF LEADERS.
 - MISCELLANEOUS SUPPLY AND EXHAUST FANS, MAKE-UP AIR UNITS, TEMPERATURE CONTROLS, THERMAL INSULATION, APPARATUS FOUNDATIONS AND SUPPORTS, PIPE HANGERS AND SUPPORTS AND ALL NECESSARY TOOLS, ACCESSORIES AND APPLIANCES AS REQUIRED TO MAKE ALL SYSTEMS COMPLETE AND OPERATIVE.
 - WORK SHALL COMPLY TO APPLICABLE CODE AND THE OWNER'S MINIMUM REQUIREMENTS AS STATED HEREIN OR OTHERWISE INDICATED BY THE OWNER.
 - SEE ARCHITECTURAL GENERAL AND SPECIAL CONDITIONS. ALL CONDITION REQUIREMENTS SHALL APPLY UNLESS OTHERWISE NOTED.
- PRODUCTS AND EXECUTION:
 - ELECTRICAL PROVISIONS FOR MECHANICAL WORK: EXCEPT FOR SUCH ITEMS AS ARE NORMALLY WRECHED UP AT THEIR POINT OF MANUFACTURE AND SO DELIVERED, AND UNLESS SPECIFICALLY NOTED TO THE CONTRARY HEREIN, THE ELECTRICAL APPROVED AND LISTED IN THE ELECTRICAL SUBCONTRACTOR FOR POWER SUPPLY, LINE VOLTAGE CONDUIIT AND LOW VOLTAGE CONTROL WIRING AND CONDUIIT, THE ELECTRICAL SUBCONTRACTOR SHALL ERECT ALL MOTORS IN PLACE READY FOR CONNECTION, EXCEPT FOR SUCH ITEMS AS ARE NORMALLY SUPPLIED WITH STARTERS INSTALLED, (HVAC UNITS, ETC) AT THEIR POINT OF MANUFACTURE. ALL OTHER STARTERS NOT FURNISHED WITH EQUIPMENT TO BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR WILL MOUNT ALL SUCH STARTERS, AS DIRECTED, FURNISHING SUPPORTING STRUCTURES WHERE NECESSARY. THE OWNER AND OTHER CONTRACTORS SHALL FURNISH WITH EACH ITEM REQUIRING ELECTRICAL CONNECTIONS, THE NECESSARY INSTRUCTIONS AND WIRING DIAGRAMS TO THE ELECTRICAL SUBCONTRACTOR. THE ELECTRICAL SUBCONTRACTOR SHALL REFER TO THE SPECIFICATIONS TO DETERMINE THE SCOPE OF THE WORK.
 - CHASES AND OPENINGS: VARIOUS DIVISIONS, HOWEVER, THE LOCATIONS OF ALL INSERTS AND OPENINGS SHALL BE DETERMINED AND COORDINATED WITH OTHER DIVISIONS IN AMPLE TIME TO AVOID CUTTING NEW CONSTRUCTION.
 - ROOF FLASHING OF DUCTS AND CURBS: DIVISION 7, HOWEVER, PLUMBING VENT FLASHING AND COUNTER FLASHING SHALL BE PROVIDED UNDER THIS DIVISION AND PER ROOF MANUFACTURER RECOMMENDATIONS.
 - OPENINGS IN ROOF DECK: WHERE PIPING, DUCTS, VENTS OR ANY OTHER MECHANICAL APPARATUS PENETRATES ROOF DECK AND OPENING IS NOT SPECIFICALLY SHOWN ON STRUCTURAL DRAWINGS, OBTAIN ARCHITECTS APPROVAL OF LOCATION AND SIZE. HAVE LANDLORD APPROVED ROOF DECK INSTALLER DO CUTTING AND PAY INSTALLER COST OF CUTTING AND FLASHING OPENING.
- PERMITS, FEES AND CODE REGULATIONS:
 - PERMITS: OBTAIN ALL PERMITS REQUIRED TO DO THIS WORK AND PAY ANY FEES, AND UTILITIES / EQUIPMENT CHARGES.
 - REGULATIONS: CONFORM TO ALL STATE AND LOCAL ORDINANCES AND RULINGS APPLICABLE TO THIS WORK AND IN EFFECT AT THE TIME WORK IS PERFORMED. APPROVAL OF VARIOUS INSURING AND INSPECTION AUTHORITIES SHALL BE OBTAINED, WHEN REQUESTED, COMPETENT EVIDENCE OF COMPLIANCE, WITH APPLICABLE CODES, SHALL BE FURNISHED.
 - CONFLICTS: IF A CONFLICT EXISTS BETWEEN THE DRAWINGS AND/OR SPECIFICATIONS AND ANY ABOVE MENTIONED AUTHORITY, THE CONTRACTOR SHALL ADVISE THE ARCHITECT/ENGINEER IN WRITING FIVE (5) DAYS PRIOR TO PRESENTING PROPOSAL OR INCLUDE ALL COST REQUIRED TO MEET REGULATIONS.
- STRUCTURAL AND SPACE CONDITION:
 - THE SPECIFICATIONS AND ACCOMPANYING DRAWINGS ARE INTENDED TO ENCOMPASS A SYSTEM THAT WILL NOT INTERFERE WITH THE STRUCTURAL, ELECTRICAL AND ARCHITECTURAL DESIGN OF THE BUILDING, AND WHICH WILL FIT INTO THE SEVERAL AVAILABLE SPACES. AS IT IS NOT WITHIN THE SCOPE OF THE DRAWINGS TO SHOW ALL NECESSARY OFFSETS AND OBSTRUCTIONS OF STRUCTURAL CONDITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL HIS WORK IN SUCH A MANNER THAT IT WILL CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS AND INTERFERENCES WITH ALL OTHER TRADES, PRESERVE HEADROOM, AND KEEP OPENINGS AND PASSAGEWAYS CLEAR.
 - DO NOT RUN PIPING OR DUCTWORK, OR LOCATE EQUIPMENT (WITH RESPECT TO SWITCHBOARDS, PANELBOARDS, POWER PANELS, MOTOR CONTROL CENTERS OR DRY TYPE TRANSFORMERS) WITHIN 42" IN FRONT OF EQUIPMENT, OVER EQUIPMENT OR WITHIN 36" HORIZONTALLY OF SAME SPACE.
- DRAWINGS:
 - THE DRAWINGS AS PREPARED ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS ACTUAL CONSTRUCTION OF THE PROJECT AND THE WORK OF THE TRADES WILL PERMIT. CHANGES FROM THE DRAWINGS NECESSARY TO FIT THE WORK OF VARIOUS TRADES, TO CONFORM TO EQUIPMENT ACTUALLY BEING INSTALLED, OR TO CONFORM TO THE RULES OF AUTHORITIES HAVING JURISDICTION SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER.
- AS-BUILT DRAWINGS:
 - PROVIDE AND KEEP UP-TO-DATE, A COMPLETE RECORD SET OF PRINTS WHICH SHALL BE CORRECTED DAILY WITH DATED NOTATIONS, AND INDIVIDUAL WHO APPROVED CHANGES, AND SHALL SHOW EVERY CHANGE FROM THE ORIGINAL CONTRACT DRAWINGS. THIS SET OF PRINTS SHALL BE KEPT ON THE JOB SITE AND SHALL BE USED ONLY AS A RECORD SET. CONTRACTOR SHALL PREPARE AND SUBMIT AS-BUILT DRAWINGS TO THE OWNER, AND ENGINEER IF REQUESTED.
- PROTECTION OF MATERIALS:
 - TAKE SUCH PRECAUTIONS AS ARE NECESSARY TO PROTECT ALL EQUIPMENT AND MATERIALS FROM DAMAGE.
- WORKMANSHIP:
 - LABOR SHALL BE PERFORMED IN A NEAT WORKMANLIKE MANNER BY MECHANICS SKILLED IN THEIR PARTICULAR TRADES.
- MATERIALS AND EQUIPMENT:
 - ALL MATERIALS SHALL BE NEW AND OF COMMERCIAL QUALITY, WHERE MANUFACTURER'S NAMES AND MODEL NUMBERS ARE MENTIONED IN THE SPECIFICATIONS, AND/OR DRAWINGS, IT IS INTENDED TO SET A STANDARD OF QUALITY AND SHALL NOT BE CONSIDERED TO LIMIT COMPETITION UNLESS SPECIFICALLY STATED IN DRAWINGS OR TO DISCRIMINATE AGAINST "EQUAL" PRODUCTS OF OTHER MANUFACTURER. THE WORDS "OR APPROVED EQUAL" ARE TO FOLLOW EACH MATERIAL SPECIFICATION WHERE A SUBSTITUTION WILL BE CONSIDERED. ANY PROPOSED SUBSTITUTION MUST BE SUBMITTED FOR COMPARISON AND THE ENGINEER SHALL BE THE SOLE JUDGE IN THE MATTER. CONTRACTOR MUST INCLUDE COST OF ALL STRUCTURAL CHANGES TO FACILITATE ALTERATIONS IN BID COST.

GENERAL MECHANICAL REQUIREMENTS

- GUARANTEE: FURNISH WRITTEN CERTIFIED GUARANTEE, IN ACCEPTABLE FORM, TO THE OWNER, AGAINST DEFECTIVE WORKMANSHIP, MATERIALS, AND OPERATING EQUIPMENT; FURTHER, GUARANTEE TO REBALANCE AND ADJUST ENTIRE SYSTEM OR ANY PART THEREOF, AS REQUIRED FOR PERFECT OPERATION FOR A PERIOD OF AT LEAST ONE (1) YEAR AFTER ACCEPTANCE, INCLUDING COST OF REFRIGERANT CHARGE, REPAIR, REPLACE AND MAKE SATISFACTORILY OPERATIVE ANY AND ALL DEFECTIVE ITEMS, AND WORK, HOLDING OWNER FREE FROM ANY COST AND LIABILITY IN CONNECTION THEREWITH FOR THE TERM OF GUARANTEE. THE MANUFACTURER SHALL PROVIDE A WRITTEN GUARANTEE FOR PERFECT OPERATION FOR A PERIOD OF FIVE (5) YEARS AND HEAT EXCHANGER FOR A PERIOD OF 10 YEARS.
- VIBRATIONS AND NOISE:
 - EACH OF THE VARIOUS PIECES OF EQUIPMENT SHALL OPERATE WITHOUT OBJECTIONABLE VIBRATION OR NOISE. ALL ROTATING EQUIPMENT SHALL BE IN STATIC AND DYNAMIC BALANCE AND SHALL BE ISOLATED, SUPPORTED AND FASTENED SO THAT NO EQUIPMENT VIBRATION WILL BE TRANSMITTED TO THE BUILDING. THE SPECIFIC SIZE OF VIBRATION ISOLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION AND SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, IF, IN THE OPINION OF THE OWNER/ARCHITECT/ENGINEER, OBJECTIONABLE VIBRATION OR TRANSMISSION THEREOF TO THE BUILDING OCCURS, THE CONTRACTOR SHALL ERECT REMEDIAL MEASURES AS MAY BE NECESSARY TO ELIMINATE SUCH UNSATISFACTORY OPERATING CONDITIONS AT THE CONTRACTOR'S EXPENSE.
 - OPERATING INSTRUCTIONS:
 - BROCHURES: WRITTEN INSTRUCTIONS, ASSEMBLED AND BOUND IN BROCHURES, SHALL BE FURNISHED IN TRIPlicate FOR OPERATING AND MAINTAINING ALL EQUIPMENT FURNISHED UNDER THIS DIVISION OF THE SPECIFICATIONS. INSTRUCTIONS SHALL INCLUDE ALL NORMAL ADJUSTMENTS, A LIST OF LUBRICATING POINTS WITH THE TYPE AND FREQUENCY OF LUBRICATION REQUIRED, PARTS LISTS SHALL BE FURNISHED.
 - DEMONSTRATION: UPON COMPLETION AND ACCEPTANCE OF WORK BY THE OWNER, THE CONTRACTOR SHALL BE REQUIRED TO INSTRUCT THE OPERATING PERSONNEL IN THE OPERATION OF THE ENTIRE INSTALLATION. TWO SESSIONS SHALL BE HELD, ONE FOR SUMMER OPERATION AND ONE FOR WINTER OPERATION, BOTH IN THE RESPECTIVE SEASONS.
 - EQUIPMENT LOCATION AND USE: PROVIDE, IN TRIPlicate, SUITABLY BOUND OPERATING BOOK CONTAINING ALL EQUIPMENT, ITS LOCATION, USE AND DESCRIPTION, AND BUILDING SCHEMATICS, SUBMIT TO ARCHITECT AND ENGINEER FOR APPROVAL BEFORE PRINTING IN FINAL FORM.
 - CONTRACTOR SHALL INSTRUCT MANAGER ON THE PROGRAMMING OF ALL THERMOSTATS. THIS SHALL BE A HANDS-ON EXPLANATION, CONTRACTOR SHALL ALSO PROVIDE MANAGER WITH BOOKLET SHOWING PROGRAMMING INSTRUCTIONS.
 - FINAL INSPECTIONS:
 - SCHEDULE: UPON COMPLETION OF CONTRACT, THERE SHALL BE A FINAL INSPECTION OF THE COMPLETED INSTALLATION. PRIOR TO THIS INSPECTION, ALL WORK UNDER THIS DIVISION SHALL HAVE BEEN COMPLETED, TESTED, BALANCED, AND ADJUSTED AND IN FINAL OPERATING CONDITION.
 - PERSONNEL: A QUALIFIED PERSON REPRESENTING THE CONTRACTOR MUST BE PRESENT AT THIS INSPECTION TO DEMONSTRATE THE SYSTEM AND PROVE THE PERFORMANCE OF THE EQUIPMENT.
 - CUTTING AND PATCHING:
 - WHERE CUTTING AND PATCHING BECOMES NECESSARY TO PERMIT THE INSTALLATION OF ANY WORK UNDER THIS CONTRACT, OR SHOULD IT BECOME NECESSARY TO REPAIR ANY DEFECTS THEREIN, THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE GUARANTEE. SUCH CUTTING SHALL BE DONE UNDER THE SUPERVISION OF THE OWNER BY THE TRADE OF SUBCONTRACTOR WHOSE WORK IS TO BE DISTURBED. AFTER THE NECESSARY WORK HAS BEEN COMPLETED, THE TRADE OF SUBCONTRACTOR WHOSE WORK HAS BEEN DISTURBED SHALL REPAIR DAMAGE, THE COST OF ALL CUTTING AND PATCHING SHALL BE PAID BY THE TRADE OF SUBCONTRACTOR REQUIRING IT TO BE DONE.
 - EXCAVATIONS AND BACKFILLING:
 - PROVIDE NECESSARY EXCAVATING AND BACKFILLING FOR THE INSTALLATION OF WORK SPECIFIED IN THIS DIVISION. TRENCHES FOR UNDERGROUND PIPING AND CONDUITS SHALL BE EXCAVATED TO REQUIRED DEPTHS WITH BELL HOLES PROVIDED AS NECESSARY TO ENSURE UNIFORM BEARING. CARE SHOULD BE TAKEN TO EXCAVATE BELOW DEPTH, AND ANY EXCAVATION BELOW DEPTH SHALL BE REFILLED WITH SAND OR GRAVEL FIRMLY COMPACTED, WHERE ROCK OR HARD OBJECTS ARE ENCOUNTERED, THEY SHALL BE EXCAVATED TO A GRADE SIX INCHES (6") BELOW AS SPECIFIED. AFTER THE PIPE HAS BEEN INSTALLED, TESTED AND APPROVED, THE TRENCHES SHALL BE EXCAVATED TO GRADE WITH APPROVED MATERIAL. WELL-TAMPED OR PADDED COMPACTLY IN PLACE, DO NOT PROCEED WITH BACKFILL OPERATIONS UNTIL PIPING HAS BEEN INSPECTED BY THE OWNER OR BY THE LOCAL INSPECTOR OF THE MUNICIPALITY IN WHICH THE WORK IS BEING PERFORMED. DO NOT PERFORM BACKFILLING OPERATIONS EXCEPT IN THE PRESENCE OF THE OWNER OR INSPECTOR. ALL PIPING OUTSIDE THE BUILDING SHALL BE INSTALLED BELOW AND ABOVE GROUND SURFACES, SIDEWALKS, ETC. ARE DISTURBED, CUT OR DAMAGED BY THIS WORK, THE EXPENSE OF REPAIRING SAME IN A MANNER APPROVED BY THE OWNER SHALL BE OF PART OF THIS CONTRACT.
 - GUARANTEE:
 - THE GUARANTEE PROVISION OF THIS SPECIFICATION REQUIRES PROMPT REPLACEMENT OF ALL DEFECTIVE WORKMANSHIP AND MATERIALS OCCURRING WITHIN ONE YEAR OF JOB ACCEPTANCE, THIS INCLUDES ALL WORK REQUIRED TO REMOVE AND REPLACE THE DEFECTIVE ITEM AND TO MAKE ALL NECESSARY ADJUSTMENTS TO RESTORE THE ENTIRE INSTALLATION TO ITS ORIGINAL SPECIFIED OPERATING CONDITION AND FINISH AT THE TIME OF ACCEPTANCE.
 - FIRE STOPPING:
 - EACH CONTRACTOR SHALL BE RESPONSIBLE FOR FIRESTOPPING AROUND ALL OPENINGS FOR PIPES, DUCT, CONDUITS ETC., INSTALLED BY HIM AT ALL FIRE WALLS. FIRESTOPPING SHALL BE PERFORMED BY AN INSTALLER WHO HAS BEEN TRAINED BY THE MANUFACTURER, OR MANUFACTURER'S REPRESENTATIVE, IN THE INSTALLATION PROCEDURES BASED ON PUBLISHED UL TESTED FIRE STOP SYSTEMS.
 - FIRESTOPPING SHALL MEET THE REQUIREMENTS OF ASTM E-814 OR UL 1479 FIRE TESTS BY A RECOGNIZED TESTING AGENCY. FIRESTOPPING SHALL ALSO CONFORM TO THE FOLLOWING GOVERNING CODES: LOCAL BUILDING CODE, STATE BUILDING CODE, NFPA 101 - LIFE SAFETY CODE AND NFPA 70 - NATIONAL ELECTRIC CODE.
 - PENETRATION:
 - CLEAN PENETRATION HOLES OF DIRT, LOOSE MATERIALS AND FOREIGN MATTER WHICH MAY AFFECT BOND OR INSTALLATION.
 - REMOVE COATINGS SUCH AS PAINT, CURING COMPOUNDS, WATER REPELLENT & SEALERS AS REQUIRED.
 - INSTALL BACKING MATERIALS TO PREVENT LIQUID MATERIAL LEAKAGE.
 - APPLICATION:
 - PREPARE AND APPLY PENETRATION SEALING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
 - EMPLOY INSTALLATION TECHNIQUES WHICH WILL ENSURE THAT FIRESTOPPING IS DEPOSITED TO FILL AND SEAL HOLES AND OPENINGS.
 - TOOL EXPOSED SURFACES OF APPLIED SEALANT TO SMOOTH FINISH.
 - PROTECT MATERIALS FROM DAMAGE ON SURFACES SUBJECTED TO TRAFFIC.
 - PROVIDE INSULMATE SEALANTS AND COLLARS AT OPENINGS INVOLVING PLASTIC OR INTUMESCENT PIPE SIMILAR TO THE METACALKULK SERIES 880 AND 950.
 - FIRESTOPPING BY DOW CORNING, 3M, HILTI OR METACALKULK MAY FURNISHED AT THE CONTRACTOR'S OPTION.

HEATING, VENTILATING AND AIR CONDITIONING

- WORK INCLUDED:
 - HEATING, VENTILATING AND AIR CONDITIONING WORK REQUIRED, INCLUDING HOISTING OF EQUIPMENT TO THE ROOF AND SETTING IT IN PLACE, INCLUDES, BUT NOT LIMITED TO:
 - RTU OR SPLIT HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS (IF NOT EXISTING NOTED TO BE REUSED)
 - ALL HVAC EXHAUST DUCTS, DAMPERS, GRILLES, REGISTERS AND DIFFUSERS.
 - INSULATION OF DUCTS AND PIPING.
 - GAS CONNECTIONS (IF REQUIRED SEE DRAWINGS); PLUMBING CONTRACTOR WILL BRING GAS TO HEATING, VENTILATING AND AIR CONDITIONING AND FINAL TIE-IN TO HVAC BY PLUMBING CONTRACTOR.
- INTENT OF DRAWINGS:
 - THE DRAWINGS ARE DIAGRAMMATIC TO THE EXTENT THAT THEY DO NOT INDICATE OFFSETS, BENDS, SPECIAL FITTINGS AND EXACT LOCATIONS.
 - PIPING, DUCTWORK, APPARATUS AND EQUIPMENT SHALL BE INSTALLED TO AVOID OBSTRUCTIONS, PRESERVE HEADROOM, KEEP OPENINGS AND PASSAGEWAYS CLEAR, AND MAKE ALL OPERATING EQUIPMENT ACCESSIBLE FOR MAINTENANCE.
 - GOVERNING CODES AND STANDARDS:
 - INSTALL ALL WORK IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE STANDARDS OF SAFETY, ADOPTED AND APPROVED BY THE INSURANCE UNDERWRITERS AND THE LATEST STANDARDS RECOGNIZED BY ASHRAE AND SMACNA AND IN ACCORDANCE WITH LOCAL CODE.
 - IN CASE OF CONFLICT BETWEEN SAID CODES AND THE DRAWINGS, THE CODES SHALL GOVERN IN ALL CASES; HOWEVER, NOTIFY OWNER, BEFORE MAKING SUCH CHANGE.
- EXAMINATIONS OF DRAWINGS AND SITE:
 - BEFORE COMMENCING THE WORK, THE CONTRACTOR SHALL CAREFULLY STUDY THE DRAWINGS, SPECIFICATIONS AND SITE. HE SHALL DEFINITELY DETERMINE IN ADVANCE THE METHODS OF INSTALLING AND CONNECTING THE APPARATUS, THE MEANS FOR GETTING THE EQUIPMENT INTO PLACE, AND SHALL MAKE HIMSELF FAMILIAR WITH ALL OF THE REQUIREMENTS OF THE CONTRACT. EQUIPMENT SHALL PHYSICALLY FIT THE AREA ALLOCATED WITH AMPLE ACCESS FOR SERVICE.
 - THE CONTRACTOR SHALL REFER ANY DISCREPANCIES TO THE ARCHITECT FOR DECISION BEFORE PROCEEDING WITH THE WORK.
- SUBMITTALS:
 - MATERIALS LIST: THE CONTRACTOR SHALL SUBMIT, AT HIS EXPENSE, THREE (3) COPIES OF EQUIPMENT BROCHURES IN INDEX FORM WITHIN FIFTEEN (15) DAYS AFTER CONTRACT IS SIGNED. ALL EQUIPMENT AND MATERIAL SUBMITTALS SHALL BE SUBMITTED AT ONE TIME. THE DRAWINGS SUBMITTED SHALL BEAR THE STAMP OF APPROVAL OF THE CONTRACTOR AS EVIDENCE THAT THE DRAWINGS HAVE BEEN CHECKED BY THE CONTRACTOR AND COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS.
- COORDINATION OF OTHER TRADES:
 - THE WORK UNDER THIS SECTION SHALL BE COORDINATED WITH OTHER TRADES TO MAINTAIN A RAPID AND SMOOTH CONSTRUCTION PROGRESS WITH A MINIMUM OF INTERFERENCE.
- PAINTING:
 - APPLY ONE (1) COAT OF ZINC CHROMATE, OR RUSTOLEUM TO BARE METAL SURFACES OF PIPING, ETC. COLOR TO MATCH UNITS COLOR OR AS DIRECTED BY ARCHITECT OR OWNER.
- CLEAN-UP:
 - ALL EQUIPMENT AND EXPOSED SURFACES SHALL BE LEFT SMOOTH AND CLEAN. ALL PLATE WORK SHALL BE POLISHED AND THE ENTIRE PREMISES SHALL BE CLEANED OF UNUSED MATERIALS, RUBBISH, AND DEBRIS AND GREASE SPOTS.
- PRODUCTS:
 - GENERAL
 - ALL EQUIPMENT SHALL BE THE CAPACITY AND TYPE SHOWN ON THE EQUIPMENT SCHEDULED ON THE DRAWINGS AND SHALL AS MANUFACTURED BY ONE OF THE MANUFACTURERS DESIGNATED ON THAT SCHEDULE OR SHALL BE AN EQUAL APPROVED IN ADVANCE BY THE ARCHITECT.
 - SHEETMETAL WORK
 - SHEETMETAL: PRIME STEEL SHEETS, HOT DIPPED GALVANIZED OF THE FOLLOWING GAUGES:
 - UP TO 1 1/2" WIDE OR DIAMETER, #24
 - 1 3/4" TO 1 3/8" WIDE OR DIAMETER, #26
 - 3 1/4" TO 60" WIDE OR DIAMETER, #22
 - PARTITIONS FORMING PLENUM OR SUCTION CHAMBERS, #18 GAUGE WITH 1-1/2" X 1-1/2" X 3/16" GALVANIZED IRON ANGLE AND RIVETS FOR SEAM CONNECTION AND STIFFENING.
 - ALL EQUIPMENT ROUND DUCT SHALL BE SPIRAL TYPE SIMILAR TO SEMCO "SS" 75 DUAL WALL ROUND PIPE WITH 2" INSULATION, PERFORATED LINER WITH ALL REQUIRED FITTINGS. PIPE SHALL BE 24-26 GA.
 - DUCT CONSTRUCTION:
 - LONGITUDINAL JOINTS: PITTSBURGH CORNER SEAMS OR SNAP LOCK.
 - TRANSVERSE JOINTS: GOVERNMENT LOCKS RIVETED AT CORNERS, CONSTRUCTED OF METAL ONE GAUGE HEAVIER THAN THAT JOINING DUCT SECTIONS, DUCTS UNDER 20" MAY BE JOINED WITH TRANSVERSE CAPSTRIPS.
 - SUPPORTS: EXCEPT AS OTHERWISE SPECIFIED, ALL DUCT HANGERS SHALL BE CONSTRUCTED OF 3/4" NO. 16 GALVANIZED STRAP, SPACING NOT TO EXCEED EIGHT FOOT INTERVALS, WHERE DUCT HANGERS EXCEED SIX FEET IN LENGTH, PROVIDE ADEQUATE VANE BRACING. ALL VERTICAL DUCTS SHALL BE SUPPORTED ON ANGLE IRON BRACKETS.
 - ELBOWS: MADE FOR AN EASY FLOW OF AIR FOR MINIMUM FRICTION, INSIDE RADIUS EQUAL TO WIDTH OF DUCT, PROVIDE ELBOWS WITH APPROVED DUCT TURNS WHERE INDICATED ON PLANS OR WHERE SPACE DOES NOT PERMIT REQUIRED RADIUS.
 - FLEXIBLE CONNECTION: AT ALL FANS, CONNECTIONS SHALL BE NEOPRENE COATED GLASS FIBER CLOTH ENDS WHICH ARE TO BE TURNED INTO ABUTTING ENDS OF SHEETMETAL OR ANGLE IRON FRAMES SO AS TO FORM AN AIR TIGHT JOINT.
 - WORKMANSHIP AND CONSTRUCTION SHALL MEET AND EXCEED THE STANDARDS AS SET FORTH BY SMACNA.
 - GRILLES, REGISTERS AND DIFFUSERS:
 - SIZES: AS INDICATED ON DRAWINGS.
 - SUPPLY DIFFUSERS: AS INDICATED ON DRAWINGS.
 - RETURN AIR REGISTERS: AS INDICATED ON DRAWINGS.
 - DUCT INSULATION:
 - INSULATE ALL SUPPLY, MAKE-UP AIR AND RETURN AIR DUCTS WITH FOIL-FACED BLANKET, SEE PLANS FOR ADDITIONAL INFORMATION, MAXIMUM 25 FLAME SPREAD 50 SMOKE DEVELOPED UL LABELED.
 - COMPLY WITH LOCAL CODES.
 - FLEXIBLE DUCTWORK:
 - SHALL HAVE AN IMPERVIOUS INNER CORE WITH WIRE REINFORCEMENT, THE INNER DUCT SHALL BE COVERED WITH FIBERGLASS DUCT INSULATION WITH A POLYETHYLENE VAPOR-PROOF JACKET. FLEXIBLE DUCT SHALL BE UL-181 LISTED, CLASS 1, AND SHALL MEET ALL APPLICABLE CODES AND THE REQUIREMENTS OF THE LANDLORD.

HEATING, VENTILATING AND AIR CONDITIONING

- D.X HVAC UNITS:
 - UNITS SELECTED AT ARI OUTDOOR AMBIENT CONDITIONS.
 - NO UNIT LOSSES INCLUDING, ALLOW FOR WET COIL AND DIRTY FILTER.
 - PROVIDE TWO SETS OF APPROVED HEATED FILTERS, CHANGE FILTERS PRIOR TO AIR BALANCE, AND AFTER FINAL STORE CLEANING.
 - PROVIDE 7 DAY MINIMUM PROGRAMMABLE THERMOSTAT, PROVIDE SENSOR AS SHOWN PER PLAN, THERMOSTAT SHALL BE CODE COMPLIANT AND HAVE ECONOMIZER CONTROL CAPABILITY.
 - PROVIDE UNIT WITH CO2 INDOOR AIR QUALITY SENSOR AND CONTROLS PER PLAN, MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL SMOKE DETECTOR, ELECTRICAL CONTRACTOR TO WIRE, SMOKE DETECTOR TO SIGNAL FIRE ALARM PANEL AND TURN OFF UNIT WHEN ACTIVATED.
- EXHAUST HOOD AND FAN SYSTEM:
 - KITCHEN HOODS, SUPPLY EXHAUST AND TOILET EXHAUST FANS; COMPLETE WITH ROOF MOUNTING CURBS, COLLARS AND DAMPERS. THE CONTRACTOR WILL HANG THE HOODS, SET FAN CURBS AND FANS, AND FURNISH AND INSTALL ALL INTERCONNECTING DUCTWORK AS REQUIRED BY CODE AND PER HOOD MANUFACTURER'S CUT SHEETS. TYPE II HOODS SHALL HAVE GALVANIZED SHEET METAL EXHAUST DUCTWORK AND TYPE I HOODS SHALL HAVE WELDED STAINLESS STEEL EXHAUST DUCTWORK UNLESS OTHERWISE INDICATED.
- TOILET EXHAUST FANS:
 - TOILET EXHAUST FANS; COMPLETE WITH ROOF-MOUNTED CURB, COLLAR AND DAMPER. THE CONTRACTOR SHALL SET FAN CURBS AND THE FAN, AND COORDINATE THE ELECTRICAL INTERLOCK, WITH ELECTRICAL CONTRACTOR FOR SIMULTANEOUS OPERATION WITH ROOF-TOP UNITS.
- FIRE DAMPER
 - BASED ON RUSKIN FD-35, FIRE DAMPERS IN LOW VELOCITY DUCTWORK SHALL BE FURNISHED WITH INTERLOCKING HINGED BLADES. ALL DAMPERS SHALL BE UL APPROVED AND LABELED AND SHALL MEET ALL REQUIREMENTS OF NFPA NO. 70A, FURNISH WITH UL LABELED FUSIBLE LINKS WITH TEMPERATURE RANGES TO CONFORM TO NFPA RECOMMENDATIONS. ALL FIRE DAMPERS SHALL BE DYNAMIC TYPE.
 - DAMPERS AT WALL GRILLES, REGISTERS, ETC., SHALL BE TYPE "A" WITH BLADES IN THE AIR STREAM.
 - ALL OTHER FIRE DAMPERS SHALL BE TYPE "B" WITH BLADES, OUT OF THE AIR STREAM UNLESS OTHERWISE NOTED.
- ACCESS DOOR
 - ACCESS DOORS SHALL BE INSULATED, AIRTIGHT, "HINGED" AND GASKETED STYLE, WITH A MINIMUM OF TWO QUICK ACTION LATCHES. DOOR SHALL BE MOUNTED IN A GALVANIZED STEEL FRAME WITH AN INSIDE "FOLD-OVER" FLANGE FOR DUCT ATTACHMENT. DOOR HEIGHT SHALL BE 24" WIDTH SHALL BE EQUAL TO THE DUCT WIDTH OR 12" WHICHEVER IS LESS, UNLESS OTHERWISE SHOWN OR NOTED ON DRAWINGS.
- EXECUTION - GENERAL
 - ACCESSIBILITY - ALL EQUIPMENT SHALL BE INSTALLED IN SUCH A MANNER THAT ALL COMPONENTS REQUIRING ACCESS ARE LOCATED AND INSTALLED THAT THEY MAY BE SERVICED, RESET, REPLACED, OR RECALIBRATED, ETC., BY SERVICE PEOPLE WITH NORMAL SERVICE TOOLS AND EQUIPMENT.
 - WORK BY OTHER TRADES - FOR THE WORK REQUIRED BY OTHER TRADES FOR CHANGES MADE BY THIS CONTRACTOR IN TYPE OR SIZE OF EQUIPMENT PURCHASED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PLUMBING WORK SHALL BE DONE BY THE AFFECTED TRADE AT THIS CONTRACTOR'S EXPENSE.
 - WORK NOT INCLUDED - POWER WIRING, INCLUDING FINAL CONNECTIONS, IS BY THE ELECTRICAL CONTRACTOR.
 - FURNISH THE STARTING EQUIPMENT TO THE ELECTRICAL CONTRACTOR FOR INSTALLATION; CONTROL WIRING, INCLUDING 115V FROM POWER SOURCE, CONDUIIT AND SWITCHES SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR. CONTROL DEVICES, THERMOSTATS, INTERLOCKS, ETC. SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR. WIRING DIAGRAMS AND INSTALLATION INSTRUCTIONS SHALL BE FURNISHED TO THE OWNER UPON PROJECT COMPLETION.
 - EARLY START-UP - THIS CONTRACTOR SHALL ENSURE THAT ALL MECHANICAL EQUIPMENT IS CONNECTED WITH ELECTRICAL POWER AS EARLY AS POSSIBLE SO THAT BALANCING AND TESTING CAN BEGIN AT THE EARLIEST DATE AVAILABLE.
 - CLEANING AND PAINTING - THOROUGHLY CLEAN ALL EQUIPMENT AND REMOVE ALL TRASH, CARTONS, ETC., FROM THE WORK AREA, MAKE ANY NECESSARY CORRECTIONS OR REPAIR/REPLACE ANY DAMAGED MATERIALS OR EQUIPMENT. LEAVE THE ENTIRE PROJECT SPACE IN A THOROUGHLY CLEAN AND ORDERLY MANNER. ANY FINISHED SURFACES THAT HAVE BEEN SCRATCHED OR DISCOLORED SHALL BE TOUCHED UP OR REPAINTED TO MATCH THE ORIGINAL COLOR, IF ANY PART HAS BEEN BENT, BROKEN OR OTHERWISE DAMAGED, IT SHALL BE REPLACED PRIOR TO PROJECT CLOSEOUT. ALL METAL ITEMS INSIDE THE BUILDING SUBJECT TO RUSTING, AND ALL FERROUS METAL EXPOSED TO THE WEATHER SHALL BE GIVEN ONE COAT OF RUST PREVENTIVE PRIMER AS SOON AS INSTALLED.
 - ALL EQUIPMENT AND RELATED PIPING, DUCTWORK, CONTROL WIRING AND ACCESSORIES SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING LINES AND, IF INSTALLED WITHIN THE BUILDING ENVELOPE SHALL BE INSTALLED AS HIGH AS POSSIBLE TO ALLOW THE MAXIMUM AMOUNT OF HEADROOM. EQUIPMENT THAT REQUIRES ROUTINE MAINTENANCE SUCH AS FILTER REPLACEMENT SHALL BE INSTALLED AND ARRANGED TO BE ACCESSIBLE, PROVIDE ACCESS PANEL(S) AS REQUIRED AND/OR AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER. ALL EQUIPMENT SHALL BE INSTALLED WITH THE REQUIRED CLEARANCES AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER OR AS REQUIRED BY GOVERNING CODES, WHICHEVER IS GREATER.
- EXECUTION - DUCTWORK
 - LOW PRESSURE DUCTWORK AND FITTINGS SHALL BE MADE TIGHT FOR MINIMUM AIR LEAKAGE. DUCT TAPE SHALL NOT BE USED TO SEAL JOINTS, TO MAKE TRANSITIONS OR FOR ANY OTHER REASON ON THE OUTSIDE OF WRAPPED INSULATION.
 - INSTALL DUCTWORK AS HIGH AS POSSIBLE.
 - PROVIDE TURNING VANES AT ALL CHANGES IN DIRECTION.
 - PROVIDE VANEED TEES AT BRANCH CONNECTIONS SERVING MORE THAN ONE DIFFUSER.
 - PROVIDE VOLUME CONTROL DAMPERS AND BALANCING DEVICES AS REQUIRED TO DISTRIBUTE THE AIR AND AS INDICATED ON THE DRAWINGS.
 - DUCT DIMENSIONS INDICATED ON THE DRAWINGS ARE INSIDE CLEAR, OR "FREE AREA" DIMENSIONS, CONTRACTOR SHALL MAKE ALLOWANCE FOR INTERNAL DUCT LINER (WHERE SPECIFIED) WHEN ORDERING PRE-FABRICATED DUCTWORK OR WHEN FABRICATING DUCTS IN THE FIELD.
- EXECUTION - FLEXIBLE DUCTWORK
 - DUCTWORK SHALL BE LIMITED IN LENGTH TO THAT NECESSARY TO MAKE CONNECTIONS BETWEEN TRUNK OR BRANCH DUCTS AND AIR DEVICES. FLEX DUCT LENGTH SHALL NOT EXCEED 5'-0"
 - ALL FLEX DUCT SHALL BE FULLY STRETCHED OUT TO REDUCE AIR RESISTANCE.
 - CONNECTIONS TO FITTINGS OR AIR DEVICES SHALL BE MADE WITH TWO (2) STAINLESS STEEL BANDS, THE INNER LINER SHALL BE CLAMPED TIGHT WITH THE FIRST BAND, THEN THE INSULATION AND VAPOR-PROOF JACKET PULLED TO BE TIGHT AGAINST THE DUCT FITTING OR AIR DEVICE AND SECURED WITH THE SECOND BAND. INSTALLATION SHALL BE AS RECOMMENDED BY THE DUCT MANUFACTURER AND SMACNA.
 - SUPPORT THE FLEXIBLE DUCT WITH ADEQUATE HANGERS TO RELIEVE STRAIN ON ANY FITTING, UNNECESSARY BENDS, SAGS, TWISTS, ETC., WILL NOT BE ALLOWED.

HEATING, VENTILATING AND AIR CONDITIONING

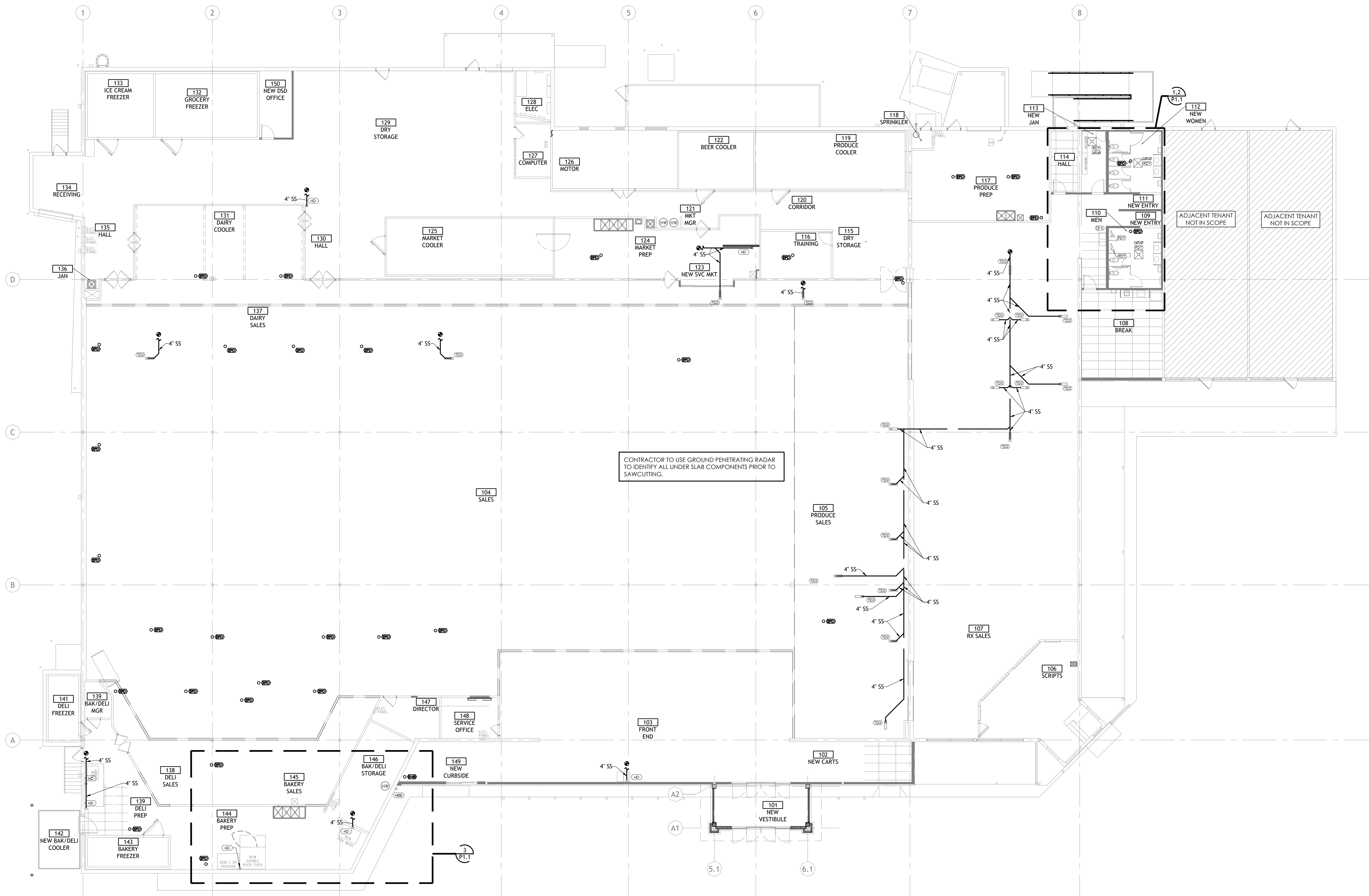
- EXECUTION - DUCT INSULATION
 - ALL DUCTWORK DESIGNATED TO RECEIVE DUCT LINER SHALL BE COMPLETELY COVERED WITH LINER. TRAVERSE JOINTS SHALL BE NEATLY BUTTED AND THERE SHALL BE NO INTERRUPTIONS OR GAPS.
 - DUCT LINER SHALL BE CUT AS REQUIRED TO ENSURE OVERLAPPED AND COMPRESSED LONGITUDINAL CORNER JOINTS.
 - FASTENERS SHALL START WITHIN 3" OF THE UPSTREAM TRAVERSE EDGES OF THE LINER AND 3" FROM THE LONGITUDINAL JOINTS AND SHALL BE SPACED AT A MAXIMUM OF 12" O.C. AROUND THE PERIMETER OF THE DUCT. ELSEWHERE THEY SHALL BE SPACED AT A MAXIMUM OF 18" O.C., EXCEPT THAT THEY SHALL BE PLACED NOT MORE THAN 6" FROM A LONGITUDINAL JOINT OF THE LINER OR 12" FROM A CORNER BREAK.
 - DUCT WRAP SHALL BE INSTALLED IN A NEAT AND COMPETENT MANNER WITH ALL EDGES NEATLY COVERED WITH AN APPROVED METALLIC DUCT TAPE TO VAPOR-PROOF THE ENTIRE DUCT. LAPS AND JOINTS SHALL BE SECURED WITH INSULATION STRAPLES AND THEN COVERED WITH APPROVED TAPE.
- EXECUTION - AIR DEVICES
 - INSTALL ALL GRILLES AND DIFFUSERS TO BE FLUSH WITH THE PENETRATED SURFACE AND LEVEL OR STRAIGHT WITH SURROUNDING FEATURES. SUPPORT CEILING MOUNTED GRILLES AND DIFFUSERS AT THE PROPER HEIGHT TO HOLD IT SNUG AGAINST THE CEILING.
- INSTALL ROOF MOUNTED EQUIPMENT SUPPORT RAILS OR ROOF CURBS AS REQUIRED FOR THE JOB CONDITIONS AND AS RECOMMENDED BY THE MANUFACTURER FOR THE INSTALLATION OF ROOF MOUNTED EQUIPMENT. THE EXACT LOCATION OF ALL ROOF MOUNTED EQUIPMENT IS SUBJECT TO SITE CONDITIONS AND THE APPROVAL OF THE GENERAL CONTRACTOR. COORDINATE THE ENTIRE INSTALLATION WITH THE GENERAL CONTRACTOR AND OTHER TRADES.
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CORE STATES

GROUP
 CORESTATES, INC.
 3039 Premiere Parkway
 Suite 700
 Duluth, GA 30097
 770.242.9550
 www.core-states.com



Drawn: W. OSMENT
 Reviewed: Z. ARCHER
 Sheet Date: 02-09-2024
 Proj. Number: BGC.37947.RR



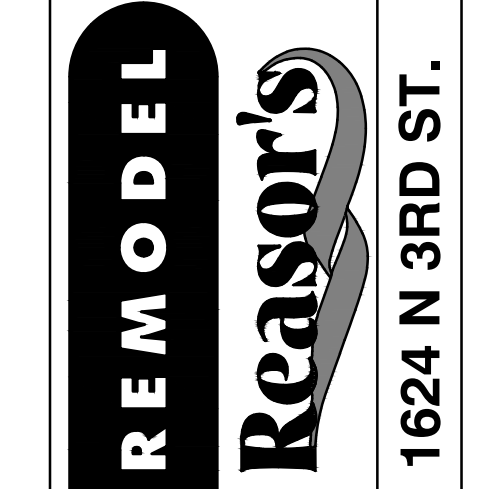
CONTRACTOR TO USE GROUND PENETRATING RADAR TO IDENTIFY ALL UNDER SLAB COMPONENTS PRIOR TO SAWCUTTING.

1 OVERALL PLUMBING PLAN
 1/4" = 1'-0"



430 E. Front St.
 Tyler, TX 75702
 903-579-0500

39,756 SF
#906
 LANGLEY, OK

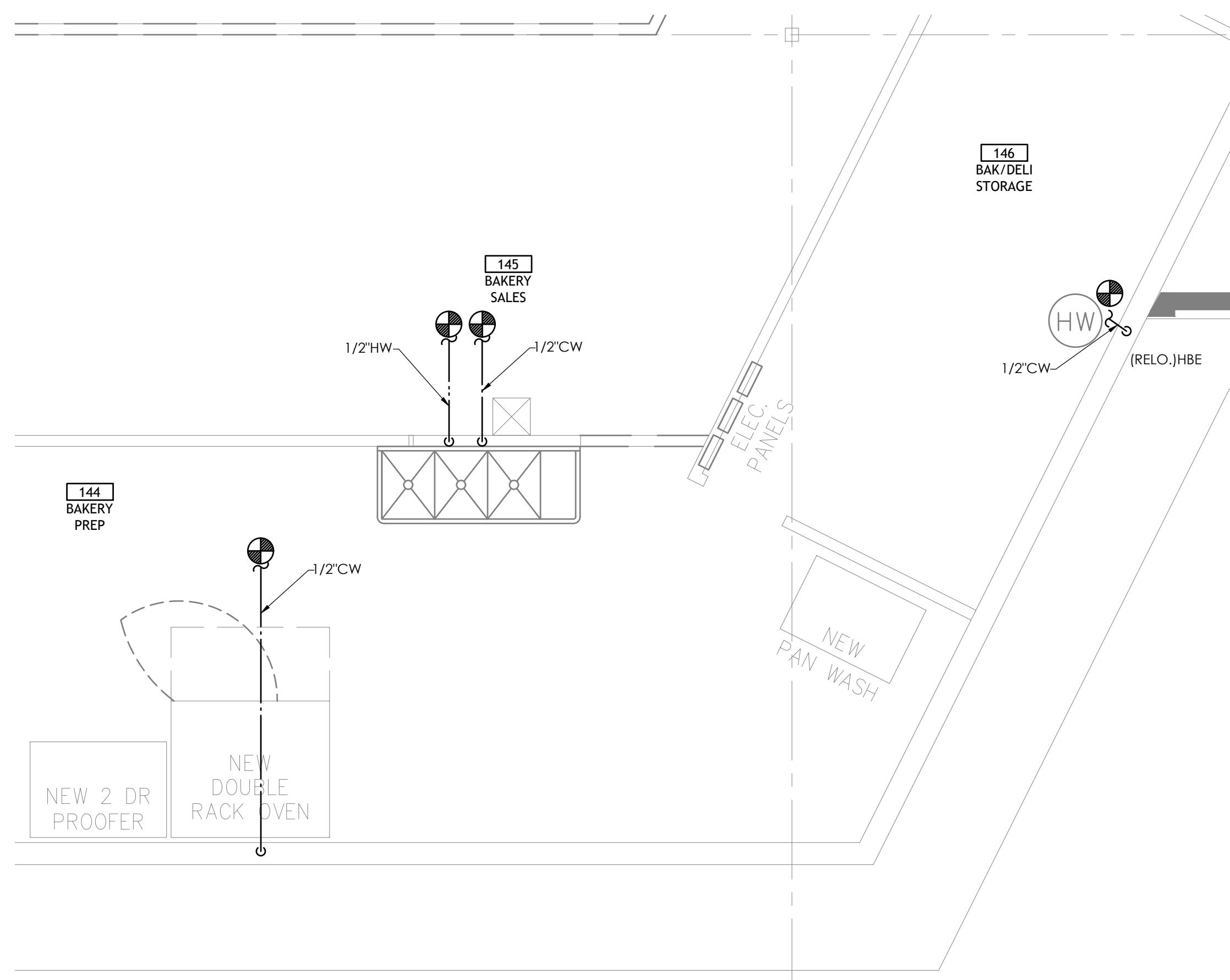


NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:
 PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE: **09/23**
 PROJECT NO.: **4090600-0**
 STORE NO.: **906**
 SHEET NO.:

AS OF: 11/11/24
P1.0



3 ENLARGED KITCHEN DOMESTIC WATER PLAN
1/4" = 1'-0"

REFER TO SHEET P2.0 FOR PLUMBING FIXTURE SCHEDULE.

NOTE: PLUMBING CONTRACTOR TO FIELD VERIFY SIZE, LOCATION, INVERT, AND DIRECTION OF FLOW FOR ALL EXISTING SANITARY SEWER BEING CONNECTED TO. ENSURE THAT EXISTING SANITARY LINE IS OF EQUAL OR GREATER SIZE THAN THE NEW SANITARY LINE CONNECTING TO IT. NOTIFY OWNER AND ENGINEER OF ANY DEFICIENCIES FOUND DURING FIELD VERIFICATION.

FITTING TYPES	
MARK	DESCRIPTION
IV	MOP SINK FAUCET - MOUNTED 36" AFF T&S B-0667-RGH, CHICAGO 897, OR ELJER 749-1200.
VIII	LAVATORY FAUCET - ACCESSIBLE ZURN AQUASENSE Z6950-XL-S-CWB-MV FAUCET W/ GRID STRAINER DRAIN & ELJER 804-1180 P-TRAP. SET FOR 20 SECONDS RUN TIME MINIMUM.
IX	PROVIDE (1) LEONARD 210-SB MIXING VALVE @ HOT WATER SUPPLY BRANCH. LOCATE BEHIND 12"x12" ACCESS PANEL (PER SPECIFICATIONS). PROVIDE COMPLETE W/ PACKAGE FAUCET & FITTINGS.
X	FAUCET - ELKAY LK-2223, T&S B-301 OR CHICAGO 50-CP, ELKAY LK-36 DRAIN & ELJER 804-1180 P-TRAP.

PLUMBING NOTES	
SUBSTITUTIONS: KOHLER & AMERICAN STANDARD ARE ACCEPTABLE AS EQUAL MANUFACTURERS TO ELJER JOSAM AND ZURN ARE ACCEPTABLE AS EQUAL MANUFACTURERS TO WADE RUD IS ACCEPTABLE AS EQUAL MANUFACTURER TO A.O. SMITH NO OTHER MANUFACTURERS WILL BE CONSIDERED (UNO)	
PROVIDE CHROME-PLATED CAST BRASS TAILPIECE, P-TRAPS, ANGLE STOPS & ESCUTCHEONS - TYPICAL ALL SINKS & LAVATORIES	
ALL DRAINBOARDS SHALL BE INTEGRAL W/ SINK UNIT	
COORDINATE LOCATION FOR 2X WOLMANIZED BLOCKING WITHIN WALL (UNO) = UNLESS NOTED OTHERWISE	

PLUMBING FIXTURES	
MARK	DESCRIPTION
DFA	DRINKING FOUNTAIN - ACCESSIBLE - TWO LEVEL HALSEY TAYLOR HAC8BLQ, ELKAY EBFATL-8, OASIS P8AMSL OR HAWS HWBFA8L, STAINLESS STEEL FINISH
FDT	FLOOR DRAIN - WADE 1100-TY-STD6-1-6 W/ WATTS A200 SERIES OR MIFAB M-500 SERIES TRAP PRIMER
HBE	HOSE BIBB - EXTERIOR WADE W-8600 OR EQUAL W/ LOOSE KEY HANDLE MOUNTED @ 24" ABOVE FINISHED GRADE U.N.O.
MC	FUSED GRANITE COUNTERTOP, SPLASHES & SKIRTS W/ UNDERCOUNTER MOUNTED LAVATORY (18 GA. BRUSHED NICKEL, ANCIRA #LI-SV-14 BY C-TECH-1 WITH REAR DRAIN) FURNISHED & INSTALLED BY COUNTERTOP CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE & INSTALL WATTS A200 SERIES OR MIFAB M-500 SERIES TRAP PRIMER CONNECTED TO FLOOR DRAIN. ALL FITTINGS & ACCESSORIES FURNISHED & INSTALLED BY PLBG CONTRACTOR. COUNTERTOP COLOR - "UBA TUBA" FUSED GRANITE
SC	COUNTERTOP HAND SINK - ACCESSIBLE ELKAY BPSR-15
SH	HAND SINK - ADVANCE 7-PS-90 (NO SUBSTITUTION)
SJ	JANITOR SINK - KOHLER K-6710-0 W/ K-8940 COATED WIRE RIM GUARD & K-9146CP 3" NPT SINK STRAINER.
TD2	TRENCH DRAIN - WADE W-2950-1C-1 W/ W-2950-1FT-EXT
UWP	KOHLER K-4920-T-0 W/ SLOAN ROYAL 186 YB FLUSH VALVE LESS LEVER (NO SUBSTITUTES) W/ SLOAN OPTIMA SMO EBV-90-A-M SIDE MOUNT OPERATOR
WC	WATER CLOSET - STANDARD - FLUSH VALVE KOHLER K-4406-0 W/ SLOAN ROYAL 111 YB FLUSH VALVE LESS LEVER W/ SLOAN OPTIMA SMO EBV-89-A-M SIDE MOUNT OPERATOR SUPPLY ROUGH-IN @ 25-1/2" AFF WHITE SEAT: OLSONITE 10CC OR CHURCH 295NSSC
WCA	WATER CLOSET - ACCESSIBLE - FLUSH VALVE KOHLER K-4405-0 W/ SLOAN ROYAL 111 YB FLUSH VALVE LESS LEVER W/ SLOAN OPTIMA SMO EBV-89-A-M SIDE MOUNT OPERATOR SUPPLY ROUGH-IN @ 25-1/2" AFF WHITE SEAT: OLSONITE 10CC OR CHURCH 295NSSC

SYMBOL LEGEND	
MARK	DESCRIPTION
(EFD)	FLOOR DRAIN
(EFS)	FLOOR SINK
(F5)	FLOOR SINK - REFER: D/A6.1 @ CONC. SIM. @ POLYMER FLOORS
(TD2)	TRENCH DRAIN @ REFRIGERATED CASES REFER: 06/A6.1 & 07/A6.1
(TD3)	COMPOSITE TRENCH DRAIN @ PREP AREAS
(HD)	HUB DRAIN - 6" A.F.F. U.N.O.
(EHD) EXIST.	HUB DRAIN - EXISTING TO REMAIN U.N.O.
(ETD)	TRENCH DRAIN - EXISTING TO REMAIN U.N.O.
(EFD) EXIST.	FLOOR DRAIN - EXISTING TO REMAIN U.N.O.
(EFS) EXIST.	FLOOR SINK - EXISTING TO REMAIN U.N.O.
(EPD) EXIST.	PIT DRAIN - EXISTING TO REMAIN U.N.O.
(ECO) EXIST.	CLEAN OUT DRAIN - EXISTING TO REMAIN U.N.O.
(OO)	OPEN PIT - SIZE & ELEVATION AS NOTED ON PLAN - REFER: 09/A6.1 & 10/A6.1
(R)	REFRIGERATION SYSTEM NO.

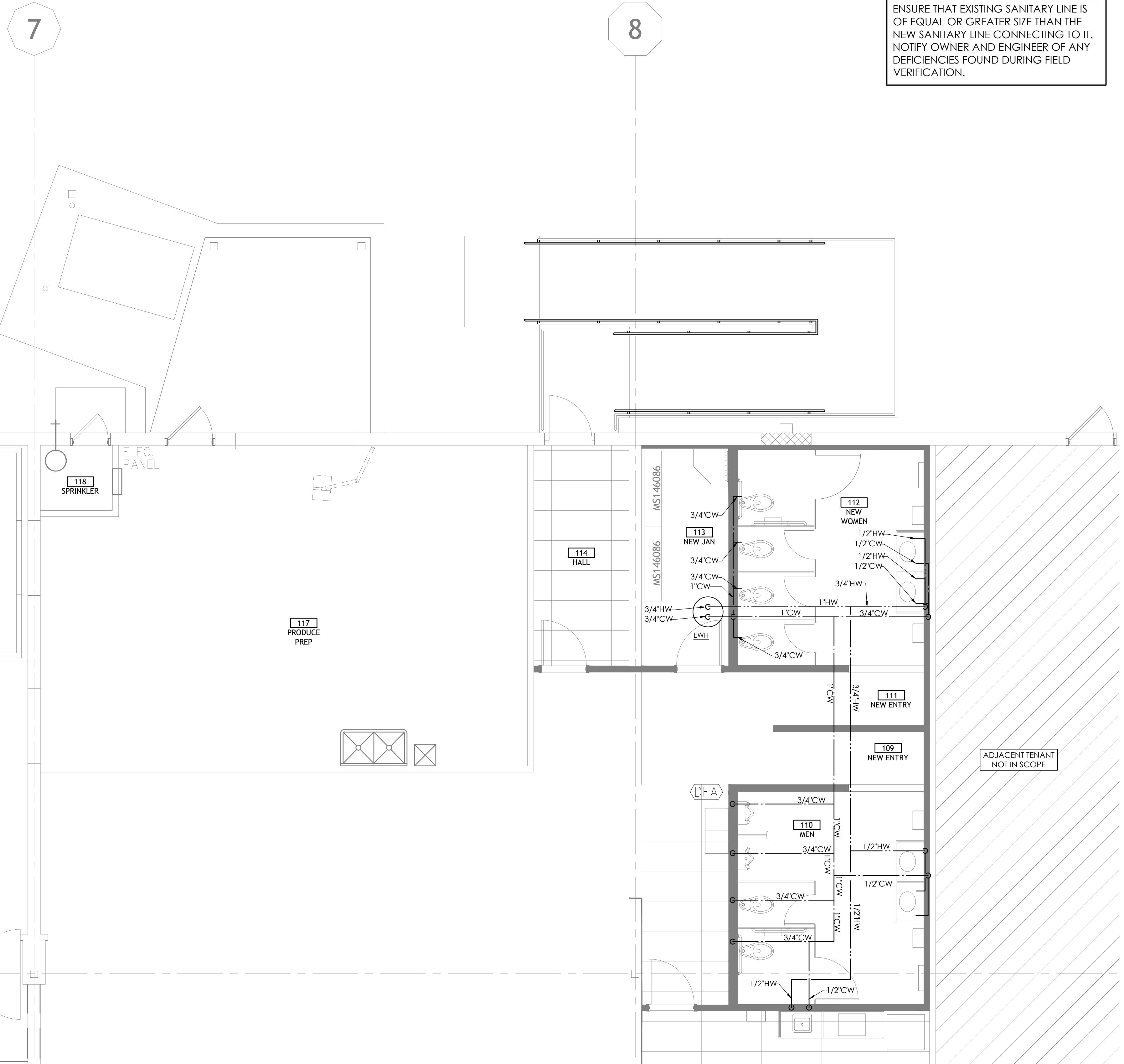
NOTE: 3030, 2020, ETC. LABELS ON PLANS @ FDS & F5S INDICATED THE SLAB BLOCK-OUT SIZES OF 3'-0"x 3'-0", 2'-0"x 2'-0", ETC.

CORE STATES GROUP

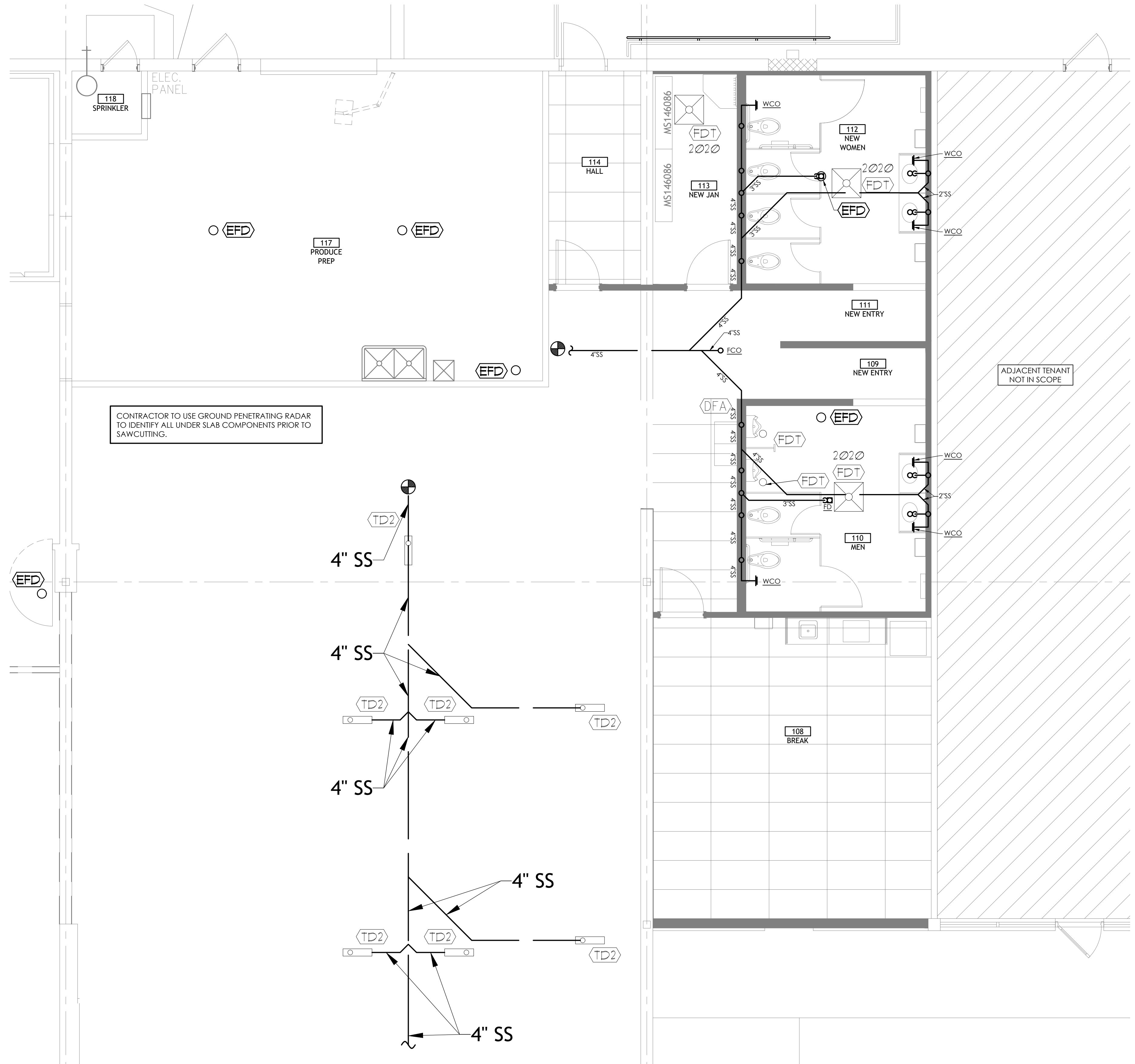
3039 Premiere Parkway
Suite 700
Duluth, GA 30097
770.242.9550
www.core-states.com

PROFESSIONAL ENGINEER
DAVID M. LEIFFER
23343
OKLAHOMA
11/11/2024

Drawn: W. OSMENT
Reviewed: Z. ARCHER
Sheet Date: 02-09-2024
Proj. Number: BGC.37947.RR



2 ENLARGED DOMESTIC WATER PLAN
1/4" = 1'-0"



1 ENLARGED SANITARY SEWER PLAN
1/4" = 1'-0"

BGC fs
BROOKSHIRE GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF

#906
LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:
 PRELIMINARY
 REVIEW
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 CONSTRUCTION

DATE
09/23

PROJECT NO.
4090600-0

STORE NO.
906

SHEET NO.

AS OF: 11/11/24

P1.1

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REMODEL
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ELECTRIC WATER HEATER SCHEDULE											PLUMBING FIXTURES												
MARK	MANUFACTURER	MODEL NO.	TYPE	ELECTRIC HEAT EXCHANGER WATERSIDE				ELECTRIC HEAT EXCHANGER HEATING ELEMENT			VOLT	PHASE	NOTES	TAG	FIXTURE	BRANCH SIZES (MINIMUM)				MANUFACTURER	MODEL	DESCRIPTION	NOTES
				VOLUME	MAX TEMP. RISE	QTY	POWER	SCR	CW	HW						WASTE	VENT						
EWB	BRADFORD WHITE	LE140L3-3	STORAGE	40.0 GAL	100°F	1	5 KW	YES	480 V	1	1-3		WC	WATER CLOSET	3/4"	----	4"	2"	AMERICAN STANDARD	CADET 2047.100	CADET RIGHT HEIGHT ADA COMPLIANT PRESSURE ASSISTED 1.1 GPF FLUSHMETER TANK. COLOR: WHITE. SEAT: BEAMING/ESCT	1,2	
													LAV	LAVATORY - WALL HUNG - ADA	1/2"	1/2"	2"	1-1/4"	WS BATH COLLECTION	UNLIMITED 60 60.0	24X18 VITREOUS CHINA, WALL HUNG WITH DELTA DST-538 FAUCET, WSBC 83991 DRAIN AND WSBC 53921 OFFSET TRAP AND FLEXIBLE SUPPLIES AND STOPS. MOUNT PER A.D.A., EXPOSED WATER AND WASTE LINES TO BE INSULATED WITH TRAP WRAP OR SIMILAR INSULATION.	1-5	
													WWB	WASHER WALL BOX					GUY GRAY	822	PROVIDE WITH ADJUSTABLE SUPPORT BRACKETS.		
													FD	FLOOR DRAIN	----	----	3"	2"	WATTS	FD-100-A	EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY & SECONDARY WEFHOLE, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, AND NO HUB OUTLET.	6	
													TMV	THERMOSTATIC MIXING VALVE	----	----	----	----	ZURN	ZW1070XL	LEAD FREE POINT OF USE THERMOSTATIC MIXING VALVE, ASSE 1070 COMPLIANT, SET SUPPLY TEMPERATURE TO 105°F.	--	
													WCO	WALL CLEANOUT	----	----	----	----	ZURN	Z-1441	DURA-COATED CAST IRON BODY W/LEVEL-TROL, ADJUSTABLE TO FINISH SURFACE.	--	
													FCO	FLOOR CLEANOUT	----	----	----	----	ZURN	Z-1400	"LEVEL-TROL" ADJUSTABLE FINISHED FLOOR CLEANOUT, DURA-COATED CAST IRON BODY, ADJUST TO FINISH FLOOR.	--	
													MS	UTILITY SINK	1/2"	1/2"	2"	1-1/2"	ZURN	MS2620	FLOOR MOUNTED MULT-PURPOSE SINK, PROVIDE WITH POLYETHYLENE LEGS W/ LEVELING DEVICES, DUAL HANDLE DECK FAUCET AND ACCESSORY PACKAGE	1-5	
													SL	SINK (BY OTHERS)	1/2"	1/2"	2"	1-1/2"	JOHN BOOS	PB-DSINK	OWNER PROVIDED SINK AND FAUCET. JOHN BOOS PBF-4DM 4" DECKMOUNT HEAVY DUTY FAUCET.	1	

NOTES:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. PROVIDE TEMPERATE AND PRESSURE RELIEF VALVE PER ASME OR AGA APPROVAL.
3. OTHER MANUFACTURER OFFERING PRODUCTS: A.O. SMITH, STATE, RHEEM.

NOTES:
1. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS, MOUNT PER ADA REQUIREMENTS WHERE INDICATED.
2. PROVIDE CHROME PLATED, HEAVY DUTY, COMMERCIAL GRADE, ANGLE SUPPLY (HOT AND COLD, AS REQUIRED) WITH WHEEL HANDLE STOP(S), STAINLESS STEEL FLEXIBLE RISER HOSE(S), AND CHROME PLATED WALL ESCUTCHEON(S).
3. PROVIDE ALL PUBLIC LAVATORY FAUCETS WITH VANDAL RESISTANT, 0.5 GPM MAXIMUM FLOW CONTROL, SPRAY OUTLET, OMNI MODEL A212-05-VR.
4. PROVIDE 17 GAUGE CHROME PLATED P-TRAP WITH CLEANOUT AND WALL ESCUTCHEON. INSTALL WASTE ELL AT BOTTOM OF BOWL AND PIPE HORIZONTALLY BACK TO P-TRAP INSTALLED AGAINST WALL.
5. PROVIDE PLUMBEREX PRO EXTREME OR EQUAL UNDERSINK PROTECTIVE PIPE COVERING MODEL X4333, FOR WASTE, HOT, AND COLD PIPING. COLOR: WHITE. COVERS SHALL BE SECURED WITH SNAP-CLIP FLUSH REUSABLE FASTENERS. PROVIDE ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION MEETING CURRENT ADA STANDARDS WHERE REQUIRED.
6. FLOOR DRAIN INSTALLED ON ELEVATED FLOORS SHALL BE REMOVED WITH FLANGE WITH SEEPAGE HOLE.

AS OF: 11/11/24

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:
 PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE
09/23
PROJECT NO.
4090600-0
STORE NO.
906
SHEET NO.

P2.0

GENERAL PLUMBING REQUIREMENTS

- SCOPE OF WORK
 - THE WORK TO BE ACCOMPLISHED UNDER THIS SECTION OF SPECIFICATIONS INCLUDES THE FURNISHING OF ALL LABOR, MATERIALS, SUPERVISION AND EQUIPMENT FOR THE COMPLETE INSTALLATION OF AIR CONDITIONING, HEATING, VENTILATING, PLUMBING, FIRE PROTECTION TOGETHER WITH ALL THE NECESSARY AUXILIARIES AND APPURTENANCES, GENERALLY THE WORK SHALL CONSIST OF, BUT IS NOT LIMITED TO, ITEMS LISTED IN THE FOLLOWING PARAGRAPHS.
 - PROVIDED BY CONTRACTOR: PLUMBING FIXTURES, PLUMBING ACCESSORIES, PUMPS, PIPING, FITTINGS, ETC.
 - DISTRIBUTION SYSTEM: PIPING, VALVES, CONTROL VALVES, WATER HAMMER ARRESTER, SHUT-OFF VALVE, FIXTURES, FLEXIBLE CONNECTIONS, INSTALL PER APPLICABLE CODE AND MANUFACTURER'S RECOMMENDATIONS.
 - PLUMBING: SOIL, WASTE AND VENT PIPING, DOMESTIC HOT AND COLD WATER DISTRIBUTION, HOT WATER GENERATORS, FIXTURES, GREASE TRAPS, VENTS, CONDENSATE LINES OF HVAC AND MISCELLANEOUS EQUIPMENT, UNDERFLOOR OR OVER HEAD SODA, REFRIGERANT LINE CONDUIT AND/OR ROOF LEADERS.
 - MISCELLANEOUS SYSTEM ACCESSORIES, THERMAL INSULATION, APPARATUS FOUNDATIONS AND SUPPORTS, PIPE HANGERS AND SUPPORTS AND ALL NECESSARY TOOLS, ACCESSORIES AND APPLIANCES AS REQUIRED TO MAKE ALL SYSTEMS COMPLETE AND OPERATIVE.
 - WORK SHALL COMPLY TO APPLICABLE CODE AND THE OWNER'S MINIMUM REQUIREMENTS AS STATED HEREIN OR OTHERWISE INDICATED BY THE OWNER.
 - SEE ARCHITECTURAL GENERAL AND SPECIAL CONDITIONS, ALL CONDITION REQUIREMENTS SHALL APPLY UNLESS OTHERWISE NOTED.
- PRODUCTS AND EXECUTION:
 - ELECTRICAL PROVISIONS FOR PLUMBING WORK: EXCEPT FOR SUCH ITEMS AS ARE NORMALLY WIRED UP AT THEIR POINT OF MANUFACTURE AND SO DELIVERED, AND UNLESS SPECIFICALLY NOTED TO THE CONTRARY HEREIN, THE ELECTRICAL SUBCONTRACTOR WILL DO ALL ELECTRIC WIRING OF EVERY CHARACTER FOR POWER SUPPLY, LINE VOLTAGE CONDUIT AND LOW VOLTAGE CONTROL WIRING AND CONDUIT. THE ELECTRICAL SUBCONTRACTOR SHALL ERECT ALL MOTORS IN PLACE READY FOR CONNECTION, EXCEPT FOR SUCH ITEMS AS ARE NORMALLY SUPPLIED WITH STARTERS INSTALLED, AT THEIR POINT OF MANUFACTURE. ALL OTHER STARTERS NOT FURNISHED WITH EQUIPMENT AND INSTALLED BY ELECTRICAL CONTRACTOR. THE ELECTRICAL SUBCONTRACTOR WILL MOUNT ALL SUCH STARTERS, AS DIRECTED, FURNISHING SUPPORTING STRUCTURES WHERE NECESSARY. THE OWNER AND OTHER CONTRACTORS SHALL FURNISH WITH EACH ITEM REQUIRING ELECTRICAL CONNECTIONS, THE NECESSARY INSTRUCTIONS AND WIRING DIAGRAMS TO THE ELECTRICAL SUBCONTRACTOR. THE ELECTRICAL SUBCONTRACTOR SHALL REFER TO THE SPECIFICATIONS AND DRAWINGS FOR THE LOCATION AND INSTALLATION OF WORK.
 - CHASES AND OPENINGS: VARIOUS DIVISIONS, HOWEVER, THE LOCATIONS OF ALL INSERTS AND OPENINGS SHALL BE DETERMINED AND COORDINATED WITH OTHER DIVISIONS IN AMPLE TIME TO AVOID CUTTING NEW CONSTRUCTION.
 - ROOF FLASHING OF VTIJ AND PIPING PENETRATIONS: PLUMBING VENT FLASHING AND COUNTER FLASHING SHALL BE PROVIDED UNDER THIS DIVISION AND PER ROOF MANUFACTURER'S RECOMMENDATIONS.
 - OPENINGS IN ROOF DECK: WHERE PIPING, VENTS OR ANY OTHER PLUMBING APPARATUS PENETRATES ROOF DECK AND OPENING IS NOT SPECIFICALLY SHOWN ON STRUCTURAL DRAWINGS, OBTAIN ARCHITECTS APPROVAL OF LOCATION AND SIZE, HAVE LANDLORD APPROVED ROOF DECK INSTALLER DO CUTTING AND PAY INSTALLER COST OF CUTTING AND FLASHING OPENING.
- PERMITS, FEES AND CODE REGULATIONS:
 - PERMITS: OBTAIN ALL PERMITS REQUIRED TO DO THIS WORK AND PAY ANY FEES, AND UTILITIES / EQUIPMENT CHARGES.
 - REGULATIONS: CONFORM TO ALL STATE AND LOCAL ORDINANCES AND RULINGS APPLICABLE TO THE WORK AND IN EFFECT AT THE TIME THE WORK IS PERFORMED. APPROVAL OF VARIOUS INSURING AND INSPECTION AUTHORITIES SHALL BE OBTAINED, WHEN REQUESTED, COMPETENT EVIDENCE OF COMPLIANCE, WITH APPLICABLE CODES, SHALL BE FURNISHED.
 - CONFLICTS: IF A CONFLICT EXISTS BETWEEN THE DRAWINGS AND/OR SPECIFICATIONS AND ANY ABOVE MENTIONED AUTHORITY, THE CONTRACTOR SHALL ADVISE THE ARCHITECT/ENGINEER IN WRITING FIVE (5) DAYS PRIOR TO PRESENTING PROPOSAL OR INCLUDE ALL COST REQUIRED TO MEET REGULATIONS.
- STRUCTURAL AND SPACE CONDITION:
 - THE SPECIFICATIONS AND ACCOMPANYING DRAWINGS ARE INTENDED TO ENCOMPASS A SYSTEM THAT WILL NOT INTERFERE WITH THE STRUCTURAL, ELECTRICAL AND ARCHITECTURAL DESIGN OF THE BUILDING, AND WHICH WILL FIT INTO THE SEVERAL AVAILABLE SPACES. AS IT IS NOT WITHIN THE SCOPE OF THE DRAWINGS TO SHOW ALL NECESSARY OFFSETS AND OBSTRUCTIONS OF STRUCTURAL CONDITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL HIS WORK IN SUCH A MANNER THAT IT WILL CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS AND INTERFERENCES WITH ALL OTHER TRADES, PRESERVE HEADROOM, AND KEEP OPENINGS AND PASSAGEWAYS CLEAR.
 - DO NOT RUN PIPING OR DUCTWORK, OR LOCATE EQUIPMENT (WITH RESPECT TO SWITCHBOARDS, PANELBOARDS, POWER PANELS, MOTOR CONTROL CENTERS OR DRY TYPE TRANSFORMERS) WITHIN 42" IN FRONT OF EQUIPMENT, OVER EQUIPMENT OR WITHIN 36" HORIZONTALLY OF SAME SPACE.
- DRAWINGS:
 - THE DRAWINGS AS PREPARED ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS ACTUAL CONSTRUCTION OF THE PROJECT AND THE WORK OF THE TRADES WILL PERMIT. CHANGES FROM THE DRAWINGS NECESSARY TO FIT THE WORK OF VARIOUS TRADES, TO CONFORM TO EQUIPMENT ACTUALLY BEING INSTALLED, OR TO CONFORM TO THE RULES OF AUTHORITIES HAVING JURISDICTION SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER.
- AS-BUILT DRAWINGS:
 - PROVIDE AND KEEP UP-TO-DATE, A COMPLETE RECORD SET OF PRINTS WHICH SHALL BE CORRECTED DAILY WITH DATED NOTATIONS, AND INDIVIDUAL WHO APPROVED CHANGES, AND SHALL SHOW EVERY CHANGE FROM THE ORIGINAL CONTRACT DRAWINGS. THIS SET OF PRINTS SHALL BE KEPT ON THE JOB SITE AND SHALL BE USED ONLY AS A RECORD SET. CONTRACTOR SHALL PREPARE AND SUBMIT AS-BUILT DRAWINGS TO THE OWNER, AND ENGINEER IF REQUESTED.
- PROTECTION OF MATERIALS:
 - TAKE SUCH PRECAUTIONS AS ARE NECESSARY TO PROTECT ALL EQUIPMENT AND MATERIALS FROM DAMAGE.
- WORKMANSHIP:
 - LABOR SHALL BE PERFORMED IN A NEAT WORKMANLIKE MANNER BY PLUMBER SKILLED IN THEIR PARTICULAR TRADES.
- MATERIALS AND EQUIPMENT:
 - ALL MATERIALS SHALL BE NEW AND OF COMMERCIAL QUALITY, WHERE MANUFACTURER'S NAMES AND MODEL NUMBERS ARE MENTIONED IN THE SPECIFICATIONS, AND/OR DRAWINGS, IT IS INTENDED TO SET A STANDARD OF QUALITY AND SHALL NOT BE CONSIDERED TO LIMIT COMPETITION UNLESS SPECIFICALLY STATED IN DRAWINGS OR TO DISCRIMINATE AGAINST "EQUAL" PRODUCTS OF OTHER MANUFACTURER. THE WORDS "OR APPROVED EQUAL" ARE TO FOLLOW EACH MATERIAL SPECIFICATION WHERE A SUBSTITUTION WILL BE CONSIDERED. ANY PROPOSED SUBSTITUTION MUST BE SUBMITTED FOR COMPARISON AND THE ENGINEER SHALL BE THE SOLE JUDGE IN THE MATTER. CONTRACTOR MUST INCLUDE COST OF ALL STRUCTURAL CHANGES TO FACILITATE ALTERATIONS IN BID COST.

GENERAL PLUMBING REQUIREMENTS

- GUARANTEE: FURNISH WRITTEN CERTIFIED GUARANTEE, IN ACCEPTABLE FORM, TO THE OWNER, AGAINST DEFECTIVE WORKMANSHIP, MATERIALS, AND OPERATING EQUIPMENT; FURTHER, GUARANTEE TO ADJUST ENTIRE SYSTEM OR ANY PART THEREOF, AS REQUIRED FOR PERFECT OPERATION FOR A PERIOD OF AT LEAST ONE (1) YEAR AFTER ACCEPTANCE, REPAIR, REPLACE AND MAKE SATISFACTORILY OPERATIVE ANY AND ALL DEFECTIVE ITEMS, AND WORK, HOLDING OWNER FREE FROM ANY COST AND LIABILITY IN CONNECTION THEREWITH FOR THE TERM OF GUARANTEE. THE MANUFACTURER SHALL PROVIDE A WARRANTY ON HIS WATER HEATER UNIT FOR A PERIOD OF FIVE (5) YEAR AND THE WATER HEATER TANK FOR A PERIOD OF (5) YEARS.
- VIBRATIONS AND NOISE:
 - EACH OF THE VARIOUS PIECES OF EQUIPMENT SHALL OPERATE WITHOUT OBJECTIONABLE VIBRATION OR NOISE. ALL ROTATING EQUIPMENT SHALL BE IN STATIC AND DYNAMIC BALANCE AND SHALL BE MOUNTED, SUPPORTED AND FASTENED SO THAT NO EQUIPMENT VIBRATION WILL BE TRANSMITTED TO THE BUILDING, THE SPECIFIC SIZE OF VIBRATION ISOLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION AND SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, IF, IN THE OPINION OF THE OWNER/ARCHITECT/ENGINEER, OBJECTIONABLE VIBRATION OR TRANSMISSION THEREOF TO THE BUILDING OCCURS, THE CONTRACTOR SHALL EXECUTE REMEDIAL MEASURES AS MAY BE NECESSARY TO ELIMINATE SUCH UNSATISFACTORY OPERATING CONDITIONS AT THE CONTRACTOR'S EXPENSE.
- OPERATING INSTRUCTIONS:
 - BROCHURES: WRITTEN INSTRUCTIONS, ASSEMBLED AND BOUND IN BROCHURES, SHALL BE FURNISHED IN TRIPPLICATE FOR OPERATING AND MAINTAINING ALL EQUIPMENT FURNISHED UNDER THIS DIVISION OF THE SPECIFICATIONS. INSTRUCTIONS SHALL INCLUDE ALL NORMAL ADJUSTMENTS, A LIST OF LUBRICATING POINTS WITH THE TYPE AND FREQUENCY OF LUBRICATION REQUIRED, PARTS LISTS SHALL BE FURNISHED.
 - DEMONSTRATION: UPON COMPLETION AND ACCEPTANCE OF WORK BY THE OWNER, THE CONTRACTOR SHALL BE REQUIRED TO INSTRUCT THE OPERATING PERSONNEL IN THE OPERATION OF THE ENTIRE INSTALLATION.
 - EQUIPMENT LOCATION AND USE: PROVIDE, IN TRIPPLICATE, SUITABLY BOUND OPERATING BOOK CONTAINING ALL EQUIPMENT, ITS LOCATION, USE AND DESCRIPTION, AND BUILDING SCHEMATICS. SUBMIT TO ARCHITECT AND ENGINEER FOR APPROVAL BEFORE PRINTING IN FINAL FORM.
 - CONTRACTOR SHALL INSTRUCT MANAGER ON THE PROGRAMMING AND ALL CONTROLS. THIS SHALL BE A HANDS-ON EXPLANATION. CONTRACTOR SHALL ALSO PROVIDE MANAGER WITH BOOKLET SHOWING PROGRAMMING INSTRUCTIONS.
- FINAL INSPECTIONS:
 - SCHEDULE: UPON COMPLETION OF CONTRACT, THERE SHALL BE A FINAL INSPECTION OF THE COMPLETED INSTALLATION. PRIOR TO THIS INSPECTION, ALL WORK UNDER THIS DIVISION SHALL HAVE BEEN COMPLETED, TESTED, BALANCED, AND ADJUSTED AND IN FINAL OPERATING CONDITION.
 - PERSONNEL: A QUALIFIED PERSON REPRESENTING THE CONTRACTOR MUST BE PRESENT AT THIS FINAL INSPECTION TO DEMONSTRATE THE SYSTEM AND PROVE THE PERFORMANCE OF THE EQUIPMENT.
- CUTTING AND PATCHING:
 - WHERE CUTTING AND PATCHING BECOMES NECESSARY TO PERMIT THE INSTALLATION OF ANY WORK UNDER THIS CONTRACT, OR SHOULD IT BECOME NECESSARY TO REPAIR ANY DEFECTS THAT MAY APPEAR IN PATCHING UP TO THE EXPIRATION OF THE GUARANTEE, SUCH CUTTING SHALL BE DONE UNDER THE SUPERVISION OF THE OWNER BY THE TRADE OF SUBCONTRACTOR WHOSE WORK IS TO BE DISTURBED. AFTER THE NECESSARY WORK HAS BEEN COMPLETED, THE TRADE OF SUBCONTRACTOR WHOSE WORK HAS BEEN DISTURBED SHALL REPAIR DAMAGE. THE COST OF ALL CUTTING AND PATCHING SHALL BE PAID BY THE TRADE OF SUBCONTRACTOR REQUIRING IT TO BE DONE.
- EXCAVATIONS AND BACKFILLING:
 - PROVIDE NECESSARY EXCAVATING AND BACKFILLING FOR THE INSTALLATION OF WORK SPECIFIED IN THIS DIVISION. TRENCHES FOR UNDERGROUND PIPING AND CONDUITS SHALL BE EXCAVATED TO REQUIRED DEPTHS WITH BELL HOLES PROVIDED AS NECESSARY TO ENSURE UNIFORM BEARINGS. CARE SHOULD BE TAKEN TO EXCAVATE BELOW DEPTH, AND ANY EXCAVATION BELOW DEPTH SHALL BE REFILLED WITH SAND OR GRAVEL FIRMLY COMPACTED, WHERE ROCK OR HARD OBJECTS ARE ENCOUNTERED, THEY SHALL BE EXCAVATED TO A GRADE SIX INCHES (6") BELOW AS SPECIFIED. AFTER THE PIPE HAS BEEN INSTALLED, TESTED AND APPROVED, THE TRENCHES SHALL BE BACKFILLED TO GRADE WITH APPROVED MATERIAL, WELL-TAMPED OR PADDED COMPACTLY IN PLACE. DO NOT PROCEED WITH BACKFILL OPERATIONS UNTIL PIPING HAS BEEN INSPECTED BY THE OWNER OR BY THE LOCAL INSPECTOR OF THE MUNICIPALITY IN WHICH THE WORK IS BEING PERFORMED. DO NOT PERFORM BACKFILLING OPERATIONS EXCEPT IN THE PRESENCE OF THE OWNER OR INSPECTOR, ALL PIPING OUTSIDE THE BUILDING SHALL BE INSTALLED ALLOWED BY AUTHORITY HAVING JURISDICTION. ARE DISTURBED, CUT OR DAMAGED BY THIS WORK, THE EXPENSE OF REPAIRING SAME IN A MANNER APPROVED BY THE OWNER SHALL BE PART OF THIS CONTRACT.
- GUARANTEE:
 - THE GUARANTEE PROVISION OF THIS SPECIFICATION REQUIRES PROMPT REPLACEMENT OF ALL DEFECTIVE WORKMANSHIP AND MATERIALS OCCURRING WITHIN ONE YEAR OF JOB ACCEPTANCE. THIS INCLUDES ALL WORK REQUIRED TO REMOVE AND REPLACE THE DEFECTIVE ITEM AND TO MAKE ALL NECESSARY ADJUSTMENTS TO RESTORE THE ENTIRE INSTALLATION TO ITS ORIGINAL SPECIFIED OPERATING CONDITION AND FINISH AT THE TIME OF ACCEPTANCE.
- FIRE STOPPING
 - EACH CONTRACTOR SHALL BE RESPONSIBLE FOR FIRESTOPPING AROUND ALL OPENINGS FOR PIPES, DUCT, CONDUITS ETC., INSTALLED BY HIM AT ALL FIRE WALLS. FIRESTOPPING SHALL BE PERFORMED BY AN INSTALLER WHO HAS BEEN TRAINED BY THE MANUFACTURER, OR MANUFACTURER'S REPRESENTATIVE, IN THE INSTALLATION PROCEDURES BASED ON PUBLISHED UL TESTED FIRE STOP SYSTEMS.
 - FIRESTOPPING SHALL MEET THE REQUIREMENTS OF ASTM E-814 OR UL 1479 FIRE TESTS BY A RECOGNIZED TESTING AGENCY. FIRESTOPPING SHALL ALSO CONFORM TO THE FOLLOWING GOVERNING CODES: LOCAL BUILDING CODE, STATE BUILDING CODE, NFPA 101 - LIFE SAFETY CODE AND NFPA 70 - NATIONAL ELECTRIC CODE.
 - PENETRATION:
 - CLEAN PENETRATION HOLES OF DIRT, LOOSE MATERIALS AND FOREIGN MATTER WHICH MAY AFFECT BOND OR INSTALLATION.
 - REMOVE COATINGS SUCH AS PAINT, CURING COMPOUNDS, WATER REPELLENT & SEALERS AS REQUIRED.
 - INSTALL BACKING MATERIALS TO PREVENT LIQUID MATERIAL LEAKAGE.
 - APPLICATION
 - PREPARE AND APPLY PENETRATION SEALING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
 - EMPLOY INSTALLATION TECHNIQUES WHICH WILL ENSURE THAT FIRESTOPPING IS DEPOSITED TO FILL AND SEAL HOLES AND OPENINGS.
 - TOOL EXPOSED SURFACES OF APPLIED SEALANT TO SMOOTH FINISH.
 - PROTECT MATERIALS FROM DAMAGE ON SURFACES SUBJECTED TO TRAFFIC.
 - PROVIDE INTUMESCENT SEALANTS AND COLLARS AT OPENINGS INVOLVING PLASTIC OR INSULATED PIPE SIMILAR TO THE METACALUK SERIES 880 AND 950.
 - FIRESTOPPING BY DOW CORNING, 3M, HILTI OR METACALUK MAY FURNISHED AT THE CONTRACTOR'S OPTION.

PLUMBING

- SCOPE OF WORK:
 - FURNISHING OF ALL LABOR, MATERIALS, TOOLS, TRANSPORTATION SERVICES, ETC. NECESSARY TO COMPLETE THE INSTALLATION OF THE PLUMBING SYSTEM AND AS DESCRIBED IN THESE SPECIFICATIONS, AS ILLUSTRATED ON THE ACCOMPANYING DRAWINGS, OR AS DIRECTED BY THE ARCHITECT. PLUMBING WORK INCLUDING INSTALLATION, EQUIPMENT, FIXTURES AND PIPING SHALL BE LISTED AND INSTALLED IN COMPLIANCE WITH APPLICABLE CODES, ADOPTED ORDINANCES, AND REGULATIONS SET FORTH BY THE AHJ [AUTHORITY HAVING JURISDICTION]
 - ALL HOT AND COLD WATER SYSTEMS WITH COMPLETE CONNECTIONS FROM THE WATER METER, OR LANDLORD PROVIDED SUB-IN, TO ALL PLUMBING FIXTURES AND EQUIPMENT REQUIRING WATER CONNECTIONS. THESE SYSTEMS WILL BE COMPLETE WITH CONTROLS, VALVES, EQUIPMENT, DEVICES AND INSULATION.
 - ALL SOIL, WASTE, AND VENT SYSTEMS OUTSIDE AND INSIDE THE BUILDING AND SEWER CONNECTIONS TO MUNICIPAL SYSTEM OR LANDLORD PROVIDED SUB-IN, AS INDICATED ON DRAWINGS.
 - ROUTING OF ALL SANITARY PLUMBING, DOMESTIC WATER PIPING AND GAS PIPING AS SHOWN ON PLANS, THE PLANS ARE SHOWN WITH THE INTENTION OF INDICATING THE APPROXIMATE LOCATION OF EXISTING CONDITIONS, AND NEW ITEMS. PLUMBING CONTRACTORS SHALL VISIT THE JOB SITE CONDITIONS PRIOR TO SUBMITTING BIDS OR STARTING WORK. THIS CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HIS WORK WITH THE WORK OF ALL OTHER TRADES TO AVOID INTERFERENCE. CONTRACTORS MAY DEVIATE FROM THE LOCATION OR PIPING SHOWN IF INSTALLATION COMPLIES WITH LOCAL CODES AND INDUSTRY PRACTICES, AND IF THE FURNISH AND SET PLUMBING FIXTURES, INCLUDING ALL THE REQUIRED TRIM AND SUPPORTS.
 - TRENCHING, PIPE BEDDING AND BACKFILLING.
 - ALL ROUGH-IN AND FINAL CONNECTION TO EQUIPMENT IN THE KITCHEN, BAR AND SERVICE AREAS, IF INDICATED ON THE DRAWINGS, INCLUDING NECESSARY TRAPS AND MISCELLANEOUS ITEMS AS REQUIRED. COORDINATE WITH OWNER AND OTHER TRADES.
 - FURNISH ALL FINAL PLUMBING CONNECTIONS TO HEATING AND AIR CONDITIONING EQUIPMENT, AND KITCHEN BAR EQUIPMENT INCLUDING CONDENSATE DRAINS, INDIRECT WASTE AND GAS PIPING. SEE KITCHEN DRAWINGS FOR REQUIREMENTS.
 - METERS AND UTILITY CONNECTIONS:
 - WATER: COORDINATE WORK WITH THE LOCAL WATER COMPANY OR LANDLORD. FURNISH ALL LABOR AND/OR MATERIAL (NOT FURNISHED BY THE WATER COMPANY), WHICH IS REQUIRED TO CONNECT TO EXISTING LINE AND/OR SET METER. INSTALL ALL PERMANENT WATER SUPPLY LINES FROM THE POINT OF CONNECTION AND COMPLETE THE WORK AS SHOWN, ALL IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL WATER COMPANY. OWNER SHALL PAY TAP FEES (IF REQUIRED). PLUMBING CONTRACTOR SHALL PAY ALL WORK RELATED INSPECTION FEES BY AUTHORITY HAVING JURISDICTION (IF REQUIRED).
 - SEWER CONNECTIONS: COORDINATE WORK WITH THE LANDLORD AND/OR LOCAL UTILITY COMPANY. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITY. TAP FEES SHALL BE PAID BY OWNER (IF REQUIRED). PLUMBING CONTRACTOR SHALL PAY ALL WORK RELATED INSPECTION FEES BY AUTHORITY HAVING JURISDICTION (IF REQUIRED).
 - PRIOR TO SUBMISSION OF THE CONTRACTORS COST ESTIMATE FOR WORK INCLUDED UNDER THIS PROJECT, THE CONTRACTOR SHALL VISIT THE JOB SITE TO EXAMINE ALL EXISTING CONDITIONS RELATED TO HIS WORK, AND UPON FINAL EXAMINATIONS OF SUCH SHALL SUBMIT A FINAL PROPOSAL AS EVIDENCE THAT THIS CONTRACTOR HAS VISITED SAID SITE AND VERIFIED ALL EXISTING AND PROJECT CONDITIONS. CLAIMS OF ADDITIONAL WORK OR ADD-ONS DUE TO NON-VERIFICATIONS OF EXISTING CONDITIONS WILL NOT BE CONSIDERED BY THE OWNER. ALL ADDITIONAL WORK WHICH IS NOT CLEARLY APPROVED PRIOR TO PERFORMANCE OR SUCH WORK WILL BE CHARGED TO THE CONTRACTOR, AND IF NOT SETTLED WILL BE HELD FROM HIS FINAL PAYMENT.
- MATERIALS:
 - DOMESTIC WATER PIPING:
 - WATER PIPING SHALL BE TYPE-L COPPER WITH WROUGHT FITTINGS, LEAD-FREE SOLDER OR SILVER SOLDER SHALL BE USED AT ALL POINTS OF CONNECTION, WATER PIPE AND FITTINGS WITH A LEAD CONTENT WHICH EXCEED 0.25% SHALL BE PROHIBITED IN SYSTEMS CONVEYING POTABLE WATER. HANGERS SHALL BE EQUAL TO CLEVIS TYPE HANGERS AND SHALL BE USED ON A PIPING AT INTERVALS AS REQUIRED BY CODE. THE CONTRACTOR SHALL ALLOW ADDITIONAL CLEARANCE FOR EXPANSION AND CONTRACTION FOR INSULATED AND NON-INSULATED PIPING. AT THE CONTRACTOR'S OPTION CROSS LINKED POLYETHYLENE (PEX) PIPING MAY BE UTILIZED WHERE BELOW THE FROST LINE, WHERE STREETS, SIDEWALKS, ETC., ARE DISTURBED, CUT OR RETURN AIR PLENUM.
 - DRAIN, WASTE, AND VENT PIPING:
 - DRAIN, WASTE, AND VENT PIPING SHALL BE NO HUB CAST IRON PIPE, AS REQUIRED BY LOCAL ORDINANCE. ABOVE GROUND MATERIAL SHALL COMPLY WITH LOCAL JURISDICTION. PLASTIC SUCH AS PVC/ABS SHALL NOT BE USED ABOVE GROUND IN FIRE RESISTIVE BUILDING WHERE PROHIBITED BY CODE AND WITHIN RETURN AIR PLENUM, WHERE FLOOR OR HUB DRAINS ARE SHOWN AS CAST IRON, THE CONTRACTOR SHALL PROVIDED A SUITABLE COUPLING WHICH IS APPROVED BY CODE. SANITARY WASTE VENTS SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES IN HEIGHT ABOVE THE FLOOD LEVEL RIM OF THE FIXTURE BEFORE BEING CONNECTED TO ANY OTHER VENT.
 - INDIRECT WASTE LONGER THAN FIVE (5) FEET MUST BE TRAPPED, INDIRECT WASTE LONGER THAN FIFTEEN (15) FEET MUST BE TRAPPED AND VENTED, INDIRECT WASTE FROM FOOD SERVICE EQUIPMENT MUST DISCHARGE TO RECEPTOR WITH A MINIMUM AIR-GAP OF ONE (1) INCH.
 - FERROUS PIPING SHALL BE PROHIBITED UNDER SLAB PER LOCAL JURISDICTION.
 - CONDENSATE DRAIN LINES SHALL BE TYPE L COPPER WITH SOLDERED JOINTS AND WROUGHT COPPER FITTINGS.
 - NO EXPOSED ABS (PLASTIC PIPING WITH A FLAME-SPREAD RATING OF 75 OR MORE).
 - VALVES:
 - SHUT OFF VALVES SHALL BE EITHER GATE-TYPE OR BALL VALVES BY "CRANE", "STOCKHAM" OR "POWELL". MIXING VALVES SHALL BE BY "LAWLER" OR APPROVED EQUAL. BACKWATER VALVES SHALL BE BY "ZURN" OR APPROVED EQUAL.
- PLUMBING SPECIALTIES:
 - AIR CHAMBERS: SHALL BE CONSTRUCTED OF TYPE-L COPPER, AIR CHAMBERS SHALL BE ONE SIZE LARGER THAN THE SUPPLY PIPING, AND SHALL BE 18 INCHES LONG, PROPERLY CAPPED AND SUPPORTED. FACTORY MANUFACTURED ITEMS CAN BE SUBSTITUTED AT THE CONTRACTORS OPTION BY "NIBCO", "WADE" OR EQUAL.
 - CLEAN OUTS: WALL CLEANOUTS SHALL HAVE STAINLESS STEEL COVERS AS MANUFACTURED BY "WADE" OR APPROVED EQUAL. FLOOR CLEAN OUTS SHALL HAVE SATIN FINISH NICKEL TOP, IN FINISHED AREAS, AND SATIN BRONZE CAP IN AREAS WHICH ARE NOT FINISHED. CLEANOUTS SHALL BE MANUFACTURED BY "WADE" OR APPROVED EQUAL. ALL REQUIRED CLEANOUTS SHOULD BE INSTALLED AS PER APPLICABLE CODE, (CPC SEC. 707.0 & 719.0.)
 - FIXTURES: PLUMBING FIXTURES SHALL BE AS SPECIFIED ON THESE PLANS OR ON THE ARCHITECTURAL PLANS, ALL FIXTURES SHALL MEET ADA REQUIREMENT WHERE APPLICABLE. FIXTURES SHALL BE OF THE HIGHEST QUALITY BY "AMERICAN STANDARD", "KOHLER" OR APPROVED EQUAL.

PLUMBING

- WATER HEATERS: IF NEW WATER HEATER(S) ARE TO BE INSTALLED THEY SHALL BE AS SPECIFIED ON THE PLANS, AND SHALL BE OF COMMERCIAL GRADE, AND AGA APPROVED IF GAS FIRED AND UL APPROVED IF ELECTRIC. HEATERS SHALL HAVE A 150 PSI WORKING PRESSURE RATING. WATER HEATER INSTALLATION MANUALS SHALL BE GIVEN TO THE OWNER. SEE PLUMBING FIXTURE SCHEDULE.
- GAS PIPING: ALL GAS PIPING SHALL BE SIZED, INSTALLED, TESTED, AND LABELED IN ACCORDANCE WITH APPLICABLE CODE. GAS PIPING SHALL BE SCHEDULE 40 BLACK IRON OR TYPE-L OR K COPPER WITH BRAZED FITTINGS, BUSHINGS ARE PROHIBITED. BELL REDUCERS SHALL BE INSTALLED AT REDUCTION IN PIPE SIZE. GROUND JOINT UNIONS AND SHUTOFF VALVES SHALL BE INSTALLED AT ALL GAS APPLICATIONS. FLEXIBLE GAS LINES ARE PROHIBITED ON STATIONARY APPLIANCES AND SHALL ONLY BE INSTALLED ON PORTABLE EQUIPMENT. A RESTRAINT CABLE SHALL BE ATTACHED TO ANY FLEXIBLE CONNECTOR AND THE FLOOR SUCH THAT THE FLEXIBLE CONNECTOR CANNOT BE OVER EXTENDED.
- EXECUTION:
 - ALL PLUMBING FIXTURES, EQUIPMENT AND PIPING SHALL BE INSTALLED PER APPLICABLE CODES AND ESTABLISHED INDUSTRY PRACTICES.
 - COORDINATE WITH ALL OTHER TRADES TO AVOID INTERFERENCE, AND ADHERE TO ALL SPECIFICATIONS AND MANUFACTURER GUIDELINES.
 - RUN ALL DOMESTIC WATER PIPING AS HIGH AS POSSIBLE. INSTALL HANGERS AND STRAPPING, ALLOWING FOR EXPANSION AND CONTRACTION OF PIPING. DO NOT HANG OR SUPPORT OTHER EQUIPMENT OR PIPING FROM WATER LINES. SEPARATE HOT AND COLD WATER LINES MINIMUM OF SIX (6) INCHES. INSULATE ALL PIPING WITH INSULATION WHICH MEETS OR EXCEEDS 25/50 SMOKE/FIRE RATINGS.
 - INSTALL SOIL, WASTE AND VENT PIPING WITH MINIMUM SLOPE OF 1/4" PER FOOT IN THE FLOW DIRECTION OF DRAINS. NO FIXTURE SHALL HAVE AN S-TRAP OR BE DOUBLE TRAPPED.
- VALVES:
 - LOCATE VALVES SO AS TO BE ACCESSIBLE AND SO THAT SEPARATE SUPPORT CAN BE PROVIDED WHEN NECESSARY. INSTALL ALL STEMS UPRIGHT. DO NOT INSTALL VALVES TO OF DISSIMILAR COMPOSITIONS WITHOUT AN APPROVED DIELECTRIC FITTING.
 - EACH PLUMBING FIXTURE SHALL BE INDEPENDENTLY VALVE PER CODE.
- TEST AND STERILIZATION:
 - TEST AND STERILIZE ALL PLUMBING PIPING INCLUDING DRAINS, WASTE VENTS AND WATER PIPING PER APPLICABLE CODES AND REGULATIONS.
 - NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD PER APPLICABLE CODE (CPC SEC 609.9).

CORE STATES
GROUP

3039 Premiere Parkway
Suite 700
Duluth, GA 30097
770.242.9550

www.core-states.com

Drawn: W. OSMENT
Reviewed: Z. ARCHER
Sheet Date: 02-09-2024
Proj. Number: BGC-37947-RR

BCC
BROOKSHIRE
GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:	<input type="checkbox"/> PRELIMINARY
	<input type="checkbox"/> REVIEW
	<input type="checkbox"/> PERMIT
	<input type="checkbox"/> BIDDING
	<input type="checkbox"/> CONSTRUCTION

DATE
09/23
PROJECT NO.
4090600-0
STORE NO.
906
SHEET NO.

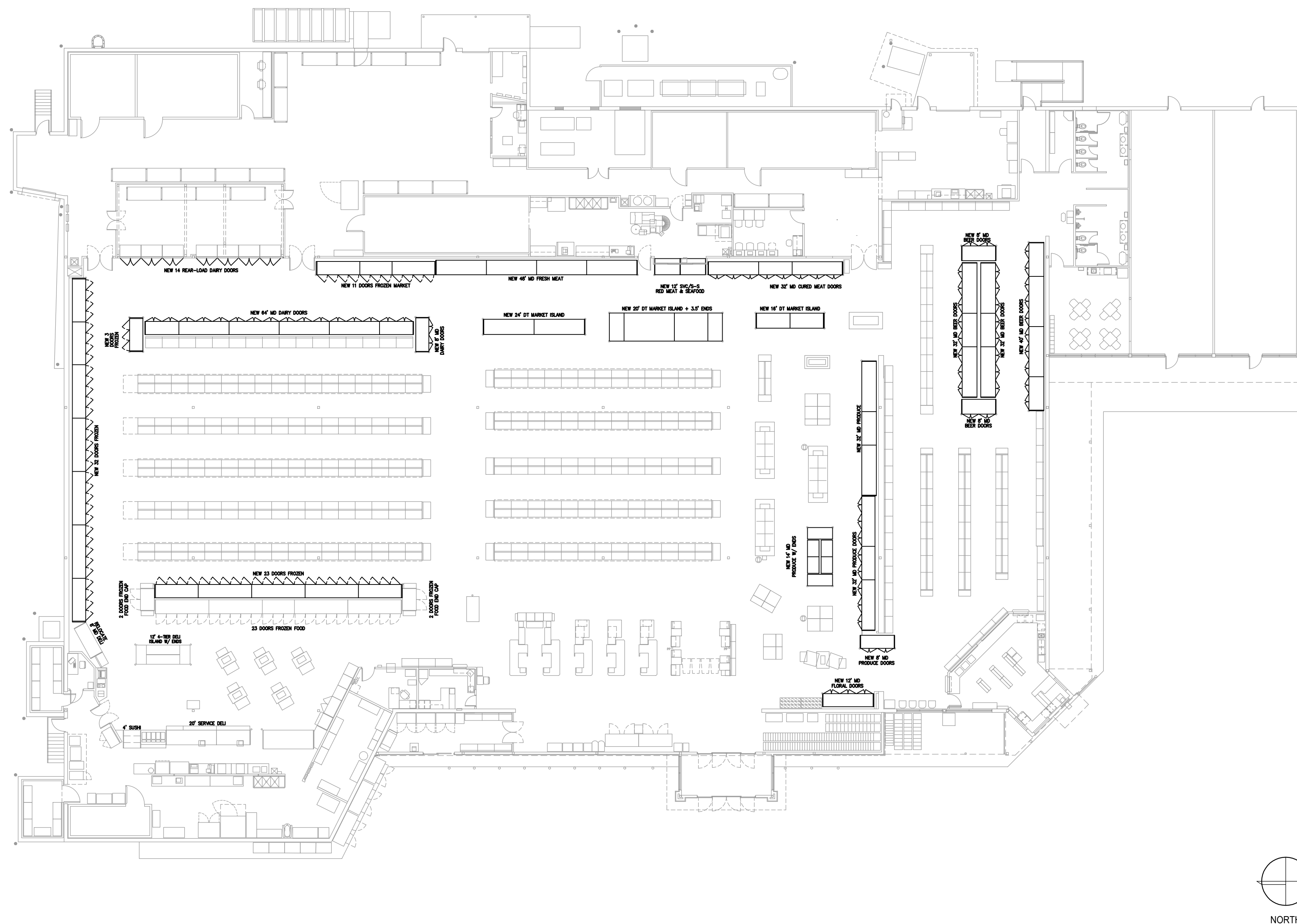
P3.0

AS OF: 11/11/24

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	NEW / MODIFIED REFRIGERATION CIRCUIT DESIGNATION		ELECTRONIC SUCTION REGULATOR CONTROL BOARD (ALSO ESR VALVES, SPORLAN CDS VALVES)		CHECK VALVE
	EXISTING REFRIGERATION CIRCUIT DESIGNATION		CPC TEMPERATURE DISPLAY		MANUAL STEM SOLENOID W/O COIL
	FUTURE REFRIGERATION CIRCUIT DESIGNATION		MODULAR DAC-55 DOOR MONITOR		MANUAL STEM SOLENOID VALVE
	SELF-CONTAINED REFRIGERATION CIRCUIT DESIGNATION		SENSOR INPUT BOARD		SCHRADER VALVE
	DEFROST TERMINATION THERMOSTAT		ON-OFF INPUT BOARD		GLOBE VALVE
	SUCTION STOP SOLENOID VALVE (DUAL VOLT COIL)		RELAY OUTPUT BOARD		VIBRATION ELIMINATOR
	SUCTION STOP SOLENOID VALVE (DUAL VOLT COIL) WITH HOT GAS DEFROST BYPASS CHECK VALVE		POWER SUPPLY		STRAINER
	LIQUID LINE SOLENOID VALVE (DUAL VOLT COIL)		120VOLT POWER TO TRANSFORMER FOR CONTROL		PRESSURE REGULATING VALVE
	LIQUID LINE SOLENOID VALVE (DUAL VOLT COIL) WITH CHECK VALVE		REFRIGERANT LEAK SENSOR		PURGE VALVE
	SPORLAN SORT-PI VALVE (DUAL VOLT COIL) - FIELD		CLEANING SWITCH		DRIER
	SPORLAN SORT-PI VALVE (209V COIL) - RACK		AUDIO / VISUAL ALARM ANNUNCIATOR (120 VOLT)		SIGHT GLASS
	PARKER SPORT II VALVE (DUAL VOLT COIL) - FIELD		CPC PRODUCT PROBE		SUCTION FILTER
	PARKER SPORT II VALVE (209V COIL) - RACK		ANALOG TEMPERATURE SENSOR		PRESSURE RELIEF VALVE
	0 - 30 MINUTE MANUAL TIMER MOUNTED 6" O" A.F.F. RELIANCE 3000		COOLER PROBE		PVC CONDUIT UNDER SLAB
	DOOR SWITCH		ANALOG TEMPERATURE SENSOR (HVAC)		EXISTING TRENCHING
	REFRIGERANT LEAK TRANSDUCER		INFRARED REFRIGERANT LEAK DETECTION END FILTER		SUCTION / LIQUID LINE UP
	CARBON DIOXIDE SENSOR		ANALOG RELATIVE HUMIDITY SENSOR		SUCTION/LIQUID LINE DOWN
	AMBIENT TEMPERATURE SENSOR		TEMPERATURE CONTROL		EXISTING REFRIGERATION PULL BOX
	SPORLAN CDS-816 STEP MOTOR EVAPORATOR CONTROL VALVE (12 VDC)		DEFROST TERMINATION SENSOR		EXISTING PULL BOX TO BE ABANDONED
	CPC CASE CONTROLLER BOARD FOR CDS CONTROL (120V INPUT, POWER MODULE JUMPER SET AT 12 VDC)		ANALOG TEMPERATURE SENSOR (REFRIGERATION)		EXISTING TRENCHING TO BE ABANDONED
	CASE CONTROL BOARD		DEW POINT SENSOR BELDEN #R729-4 #22 SHIELDED TO INPUT BOARD AS INDICATED		REFRIGERATION PULL BOX
	POWER CONTROL MODULE		LOW LIGHT SENSOR (INDOOR)		EVAPORATOR (LOW PROFILE TYPE)
	SMART CASE CONTROLLER W/POWER CONTROL MODULE		CLEAN POWER FIELD INSTALLED BY EC		EVAPORATOR (LOW VELOCITY TYPE)
	VISUAL ALARM ANNUNCIATOR (120 VOLT)		120V/20A DUPLEX RECEPTACLE RECESSED IN CASE KICK PLATE, FACTORY INSTALLED BY CASE MANUFACTURER		CPC VERI TEMP SENSOR
	CPC 16 ANALOG INPUT BOARD		3 - WAY HEAT RECLAIM VALVE		CPC VERI FRESH RECEIVER
	CPC 8 RELAY OUTPUT BOARD		THERMOSTATIC EXPANSION VALVE		
	CPC INPUT/OUTPUT BOARD		FULL PORT BALL VALVE		
	ESR VALVE				
	DUAL TEMP. SWITCH				

1 REFRIGERATION SYMBOLS

SCALE: NONE



5 REFRIGERATION OVERVIEW

SCALE: NONE

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	COMPRESSOR		RELATIVE HUMIDITY
	CONDENSER		SELF CONTAINED FIXTURE
	CONDENSING UNIT		THERMOSTAT
	DRY BULB		WET BULB
	ENERGY EFFICIENCY RATIO		VERTICAL SUCTION LINE
	ELECTRIC		HORIZONTAL SUCTION LINE
	GALLONS PER MINUTE		VERTICAL SUCTION DOUBLE RISER
	HUMIDISTAT		LIQUID LINE
	HOT GAS		CASE FIXTURE MODEL NUMBER
	HEATING AND VENTILATION		OFF TIME
	HEATING, VENTILATION, AIR-CONDITIONING		MEDIUM TEMPERATURE
	LOW TEMPERATURE		OFFICE ALARM BOX
	ENSTEN REFRIGERATION CONTROLLER		SERIAL ANALOG IN BOARD
	ENSTEN BUILDING ENVIRONMENTAL CONTROLLER		SERIAL DIGITAL IN BOARD
	REFRIGERATION MONITOR AND CASE CONTROLLER		SERIAL ANALOG OUT BOARD
	BUILDING ENVIRONMENT CONTROL		SERIAL DIGITAL OUT BOARD
	STORE ENVIRONMENTAL CONTROLLER		REFRIGERATION SYSTEM CONTROLLER
	ADVANCED ROOFTOP CONTROL		STORE ENVIRONMENTAL CONTROLLER
	PULSE MODULATION ANTI-SWEAT CONTROLLER		REFRIGERATION SYSTEM CONTROLLER
	16 ANALOG/DIGITAL INPUT BOARD		ACCESS RACK CONTROLLER
	8 RELAY OUTPUT/8 RELAY INPUT BOARD		SENSOR INPUT BOARD
	8 RELAY OUTPUT BOARD		ON-OFF INPUT BOARD
	CASE CONTROLLER BOARD		RELAY OUTPUT BOARD
	VARIABLE SPEED CONTROLLER BOARD		POWER SUPPLY
	ON SITE COMMUNICATION CABLE		OFFICE ALARM BOX
	REMOTE COMMUNICATION CABLE		ECHELON NETWORK WIRING

2 REFRIGERATION / EMS ABBREVIATIONS

SCALE: NONE

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ABOVE FINISHED FLOOR		MEZZANINE
	ABOVE FINISHED GRADE		MANUFACTURER
	AUTOMATIC TEMPERATURE CONTROLS		MOUNTING HEIGHT
	AMERICAN SOCIETY OF REFRIGERATION & AIR-CONDITIONING ENGINEERS		MINIMUM
	BELOW FINISHED GRADE		MOUNTED
	BUILDING		NOT APPLICABLE
	BRITISH THERMAL UNIT		NORMALLY CLOSED
	CONDENSER EQUIPMENT MANUFACTURER		NATIONAL ELECTRIC CODE
	CEILING		NOT IN CONTRACT
	COMPANY		NORMALLY OPEN
	CONTRACTOR		NOT TO SCALE
	COMPRESSOR SYSTEM MANUFACTURER		ON CENTER
	CONNECT TO EXISTING		PLUMBING CONTRACTOR
	DOWN		POUNDS PER SQUARE INCH
	DRAWING(S)		EXISTING EQUIPMENT TO BE REMOVED
	ELECTRICAL CONTRACTOR		REFRIGERATION EQUIPMENT MANUFACTURER
	EMERGENCY		REFRIGERATION INSTALLATION CONTRACTOR
	EQUIPMENT		EXISTING EQUIPMENT TO BE RELOCATED
	EXISTING TO REMAIN		RUNNING LOAD AMPS
	EXISTING		REVOLUTIONS PER MINUTE
	FULL LOAD AMPS		SQUARE FEET
	GENERAL CONTRACTOR		TYPICAL
	HVAC CONTRACTOR		VARIABLE SPEED DRIVE
	HVAC MANUFACTURER		
	HORSEPOWER		
	LOCK ROTOR AMPS		
	MAXIMUM		
	THOUSANDS OF BTU'S/HOUR		
	MECHANICAL CONTRACTOR		
	MINIMUM CIRCUIT AMPS		

6 GENERAL ABBREVIATIONS

SCALE: NONE

SYMBOL	DESCRIPTION
	KEY NOTE SYMBOL
	CONNECT TO EXISTING
	NORTH ARROW
	EQUIPMENT TAG UNIT DESIGNATION UNIT NUMBER
	SECTION TAG
	DRAWING NUMBER DETAIL NUMBER

3 GENERAL SYMBOLS

SCALE: NONE

CODE AND CRITERIA INFORMATION	
1	BUILDING SIZE (SQ. FT.) APPROXIMATE 41,388 SQUARE FOOT
2	OCCUPANCY TYPE LARGE MERCANTILE
3	GOVERNING CODES AND REFERENCES 2018 INTERNATIONAL BUILDING CODE W/ LOCAL AMENDMENTS 2018 INTERNATIONAL MECHANICAL CODE W/ LOCAL AMENDMENTS 2020 NFPA 70 ASHRAE STD. 15-2022
4	SUMMER OUTDOOR DESIGN CONDITIONS (PER ASHRAE FUNDAMENTALS - 2017) DESIGN CITY: GROVE, OK DRY BULB: 99.3°F - (0.4% MEAN DRY BULB, ASHRAE) WET BULB: 80.7°F - (0.4% EVAP WET BULB, ASHRAE) AMBIENT: 105° - (DESIGN AMBIENT TEMPERATURE)

CODE CONFORMANCE CHART	
1	REFRIGERANT TYPE R-448A
2	CLASSIFICATION A1
3	TYPE OF SYSTEM DIRECT EXPANSION SYSTEMS
4	AMOUNT OF REFRIGERANT SYSTEM #1 (RACK 'X') - SEE SHEET R4 SYSTEM #2 (RACK 'S') - SEE SHEET R4 SYSTEM #3 (RACK 'C') - SEE SHEET R4
5	VOLUME CALCULATION SEE REFRIGERATION LINE SIZING
6	SYSTEM APPLICATION REQUIREMENTS AND CALCULATIONS (EQUIPMENT WEIGHTS) SYSTEM #1 - SEE SHEET R4 SYSTEM #2 - SEE SHEET R4 SYSTEM #3 - SEE SHEET R4
7	VENTILATION REQUIREMENTS AND CALCULATIONS SEE HVAC PLANS
8	TYPE OF MACHINE ROOM NOT APPLICABLE
9	PIPE / TUBE MATERIAL USED TYPE L OR TYPE K COPPER ACR LEAK DETECTION EQUIPMENT PRESSURE RELIEF DEVICES
10	LIST OF SAFETY DEVICES

4 DESIGN CONDITIONS

SCALE: NONE

SHEET No.	DRAWING TITLE
R1	REFRIGERATION OVERVIEW
R2	REFRIGERATION DESIGNATION FLOOR PLAN
R2.1	REFRIGERATION DESIGNATION ROOF PLAN
R3	REFRIGERATION DETAILS
R4	REFRIGERATION LEGENDS AND NOTES
R5	REFRIGERATION PIPING PLAN
R5.1	REFRIGERATION PIPING AND INSULATION SIZE TABLES
REM1	ENERGY MANAGEMENT OVERVIEW
REM2	ENERGY MANAGEMENT TERMINATION FLOOR PLAN
REM2.1	ENERGY MANAGEMENT TERMINATION ROOF PLAN
REM3	ENERGY MANAGEMENT LEAK DETECTION PLAN
REM4	ENERGY MANAGEMENT I/O SCHEDULES
REM5	ENERGY MANAGEMENT CONTROL RISER DIAGRAMS
REM6	ENERGY MANAGEMENT CONTROL SCHEDULES
	REFRIGERATION EQUIPMENT / INSTALLATION SPECIFICATIONS

7 DRAWING INDEX

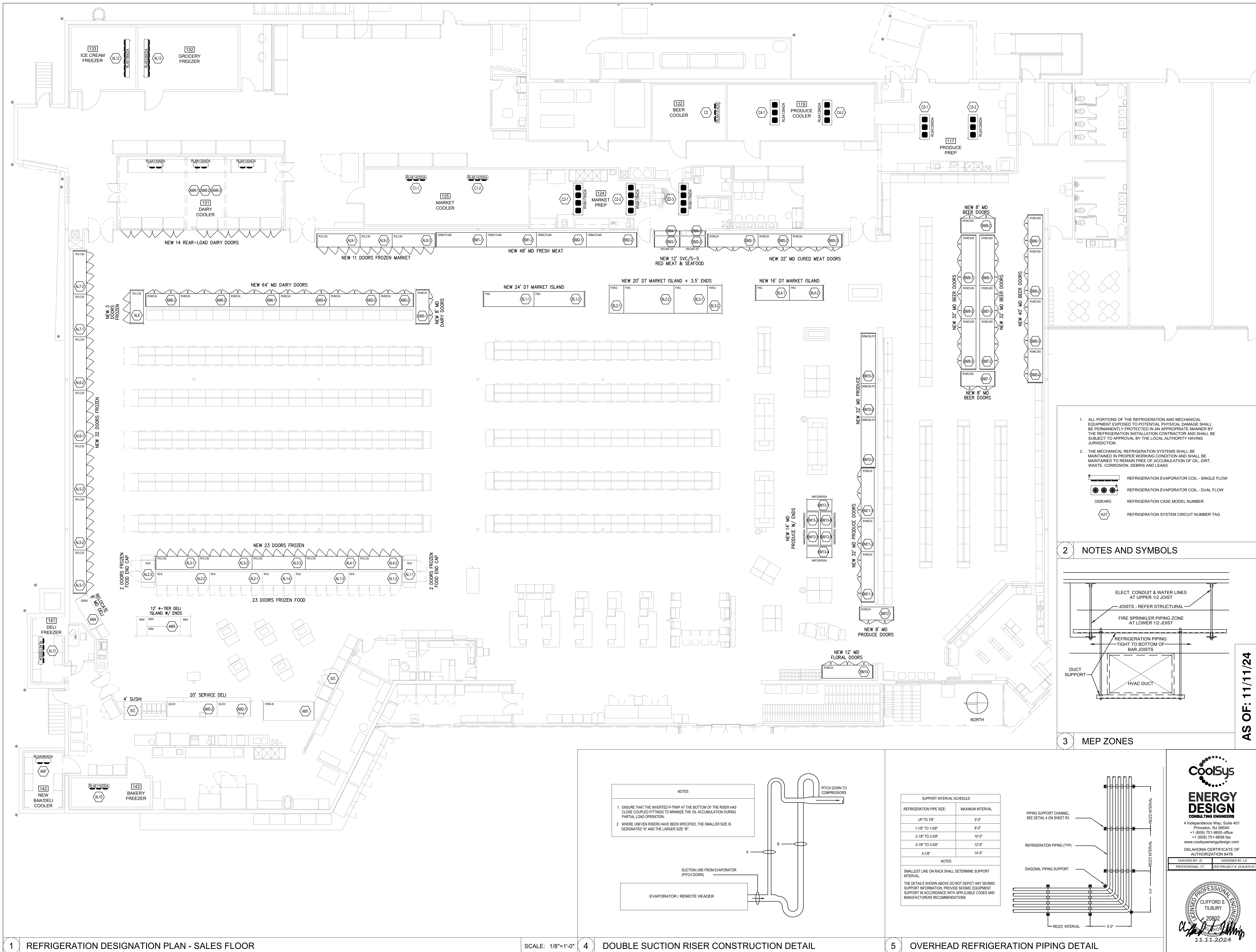
SCALE: NONE

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ENERGY DESIGN
CONSULTING ENGINEERS
4 Independence Way, Suite 401
Princeton, NJ 08540
+1 (609) 751-9656 office
+1 (609) 751-9656 fax
www.coolsysenergydesign.com
OKLAHOMA CERTIFICATE OF AUTHORIZATION 8476
DESIGNED BY: LS
CHECKED BY: JS
PROFESSIONAL: CT
SEED PROJECT #: 23-04475-01

NO.	DATE	REVISION DESCRIPTION
1	11/11/24	REVISION 1

REFRIGERATION OVERVIEW

ISSUED FOR:
<input type="checkbox"/> PRELIMINARY
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<input type="checkbox"/> PERMIT
<input type="checkbox"/> BIDDING
<input type="checkbox"/> CONSTRUCTION

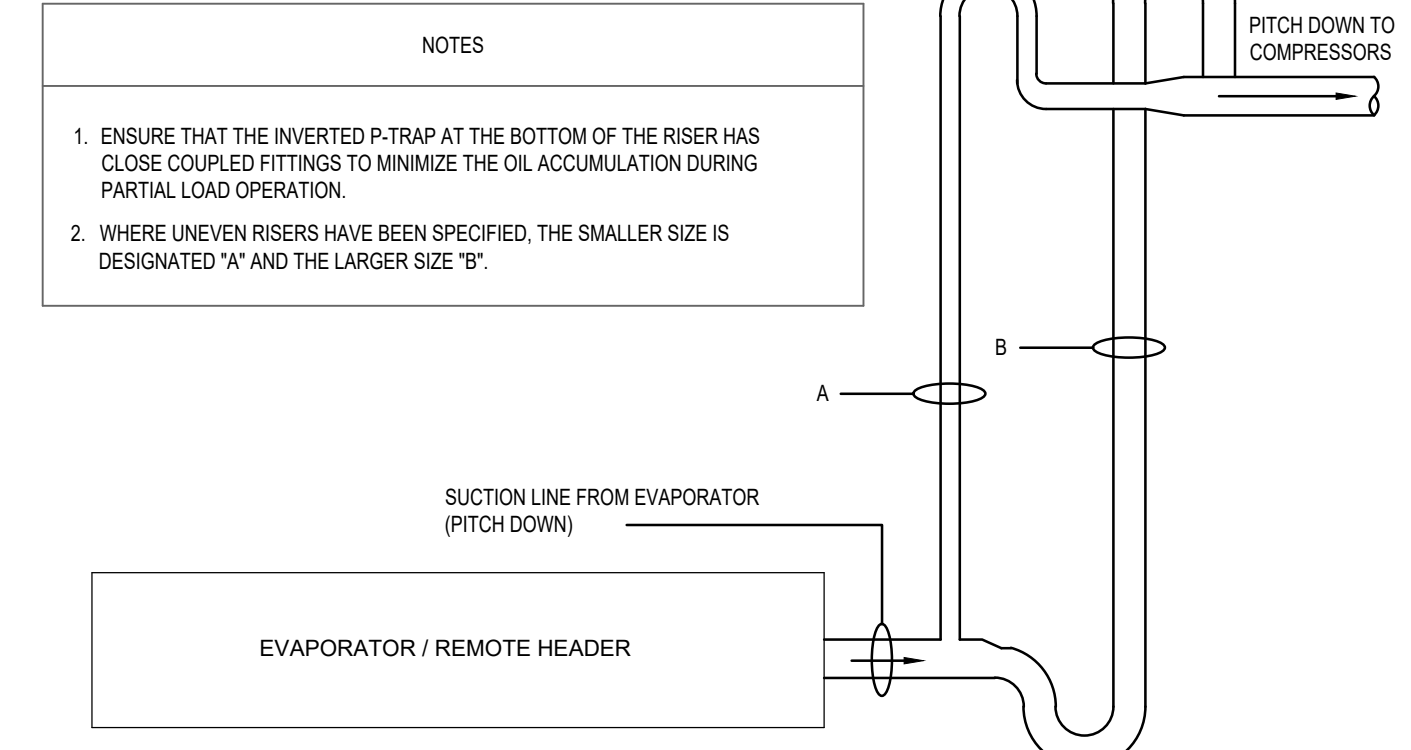


1 REFRIGERATION DESIGNATION PLAN - SALES FLOOR

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

4 DOUBLE SUCTION RISER CONSTRUCTION DETAIL

5 OVERHEAD REFRIGERATION PIPING DETAIL



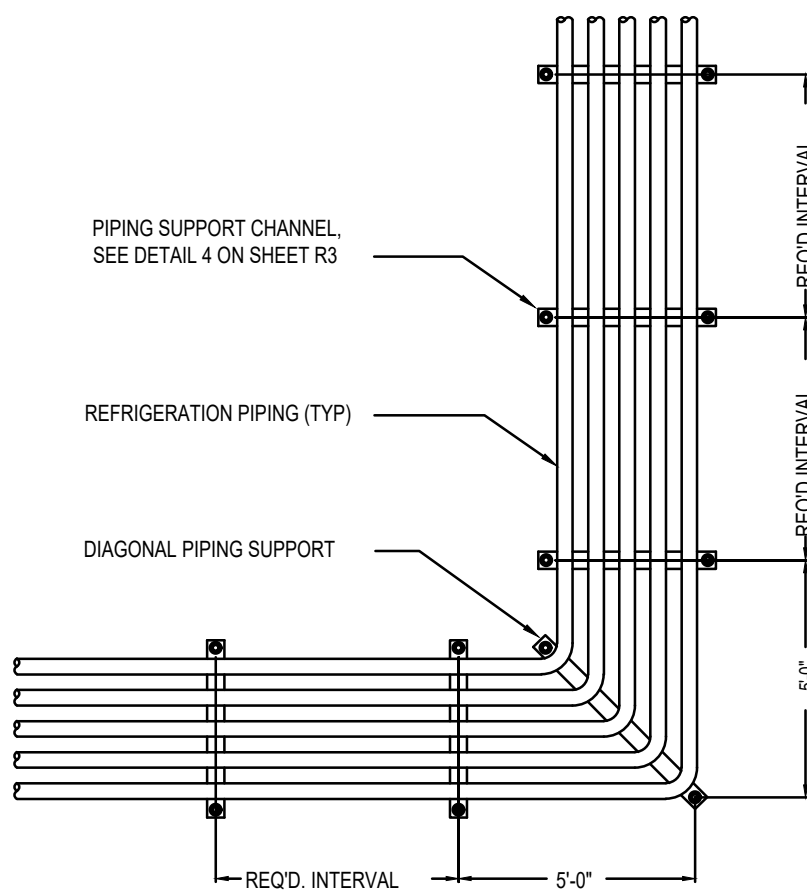
SUPPORT INTERVAL SCHEDULE

REFRIGERATION PIPE SIZE:	MAXIMUM INTERVAL
UP TO 7/8"	5'-0"
1-1/8" TO 1-5/8"	8'-0"
2-1/8" TO 2-5/8"	10'-0"
3-1/8" TO 3-5/8"	12'-0"
4-1/8"	14'-0"

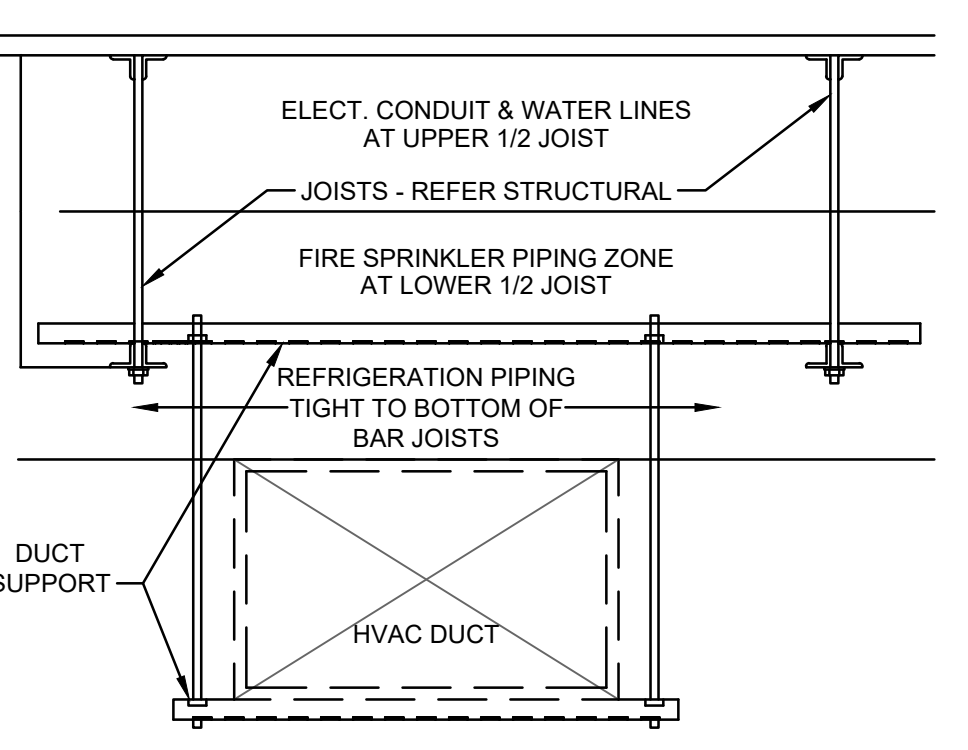
NOTES

SMALLEST LINE ON RACK SHALL DETERMINE SUPPORT INTERVAL.

THE DETAILS SHOWN ABOVE DO NOT DEPICT ANY SEISMIC SUPPORT INFORMATION. PROVIDE SEISMIC EQUIPMENT SUPPORT IN ACCORDANCE WITH APPLICABLE CODES AND MANUFACTURERS RECOMMENDATIONS.



- 2 NOTES AND SYMBOLS
- ALL PORTIONS OF THE REFRIGERATION AND MECHANICAL EQUIPMENT EXPOSED TO POTENTIAL PHYSICAL DAMAGE SHALL BE PERMANENTLY PROTECTED IN AN APPROPRIATE MANNER BY THE REFRIGERATION INSTALLATION CONTRACTOR AND SHALL BE SUBJECT TO APPROVAL BY THE LOCAL AUTHORITY HAVING JURISDICTION.
 - THE MECHANICAL REFRIGERATION SYSTEMS SHALL BE MAINTAINED IN PROPER WORKING CONDITION AND SHALL BE MAINTAINED TO REMAIN FREE OF ACCUMULATION OF OIL, DIRT, WASTE, CORROSION, DEBRIS AND LEAKS.
- REFRIGERATION EVAPORATOR COIL - SINGLE FLOW
 - REFRIGERATION EVAPORATOR COIL - DUAL FLOW
 - REFRIGERATION CASE MODEL NUMBER
 - REFRIGERATION SYSTEM CIRCUIT NUMBER TAG



3 MEP ZONES

NO. DATE REVISION DESCRIPTION

1	11/11/24	REVISION 1	
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AS OF: 11/11/24

REFRIGERATION DESIGNATION FLOOR PLAN

ISSUED FOR:

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 PERMIT
 BIDDING
 CONSTRUCTION

DATE

09/28

PROJECT NO.

4090600-0

STORE NO.

906

SHEET NO.

R2

CoolSys

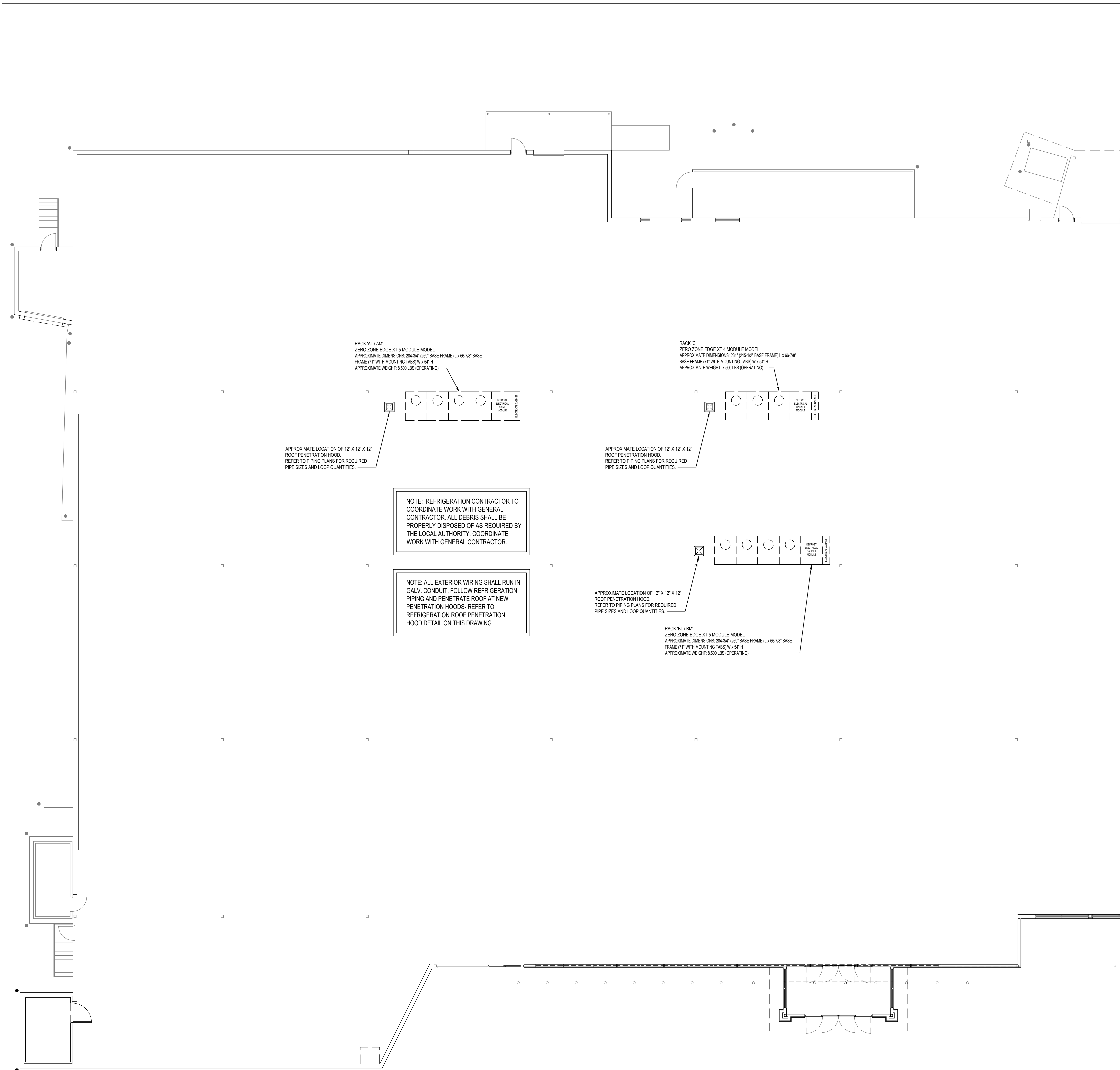
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CONSULTING ENGINEERS

4 Independence Way, Suite 401
Princeton, NJ 08540
+1 (609) 751-9655 office
+1 (609) 751-9656 fax
www.coolsysenergydesign.com

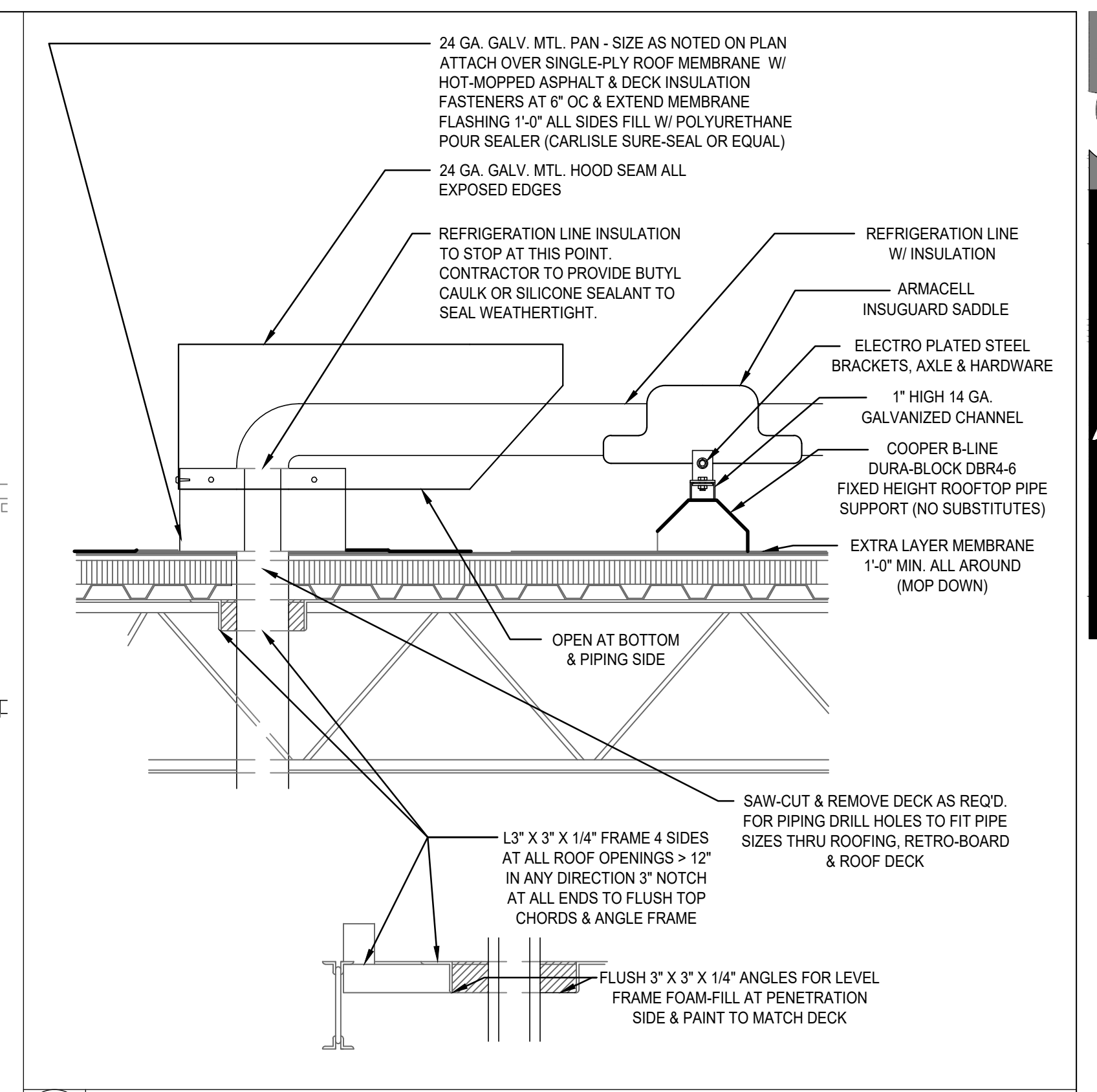
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CHECKED BY: J.C. DESIGNED BY: L.S.
PROFESSIONAL: C.T. C.E.D. PROJECT #: 23-24475-01

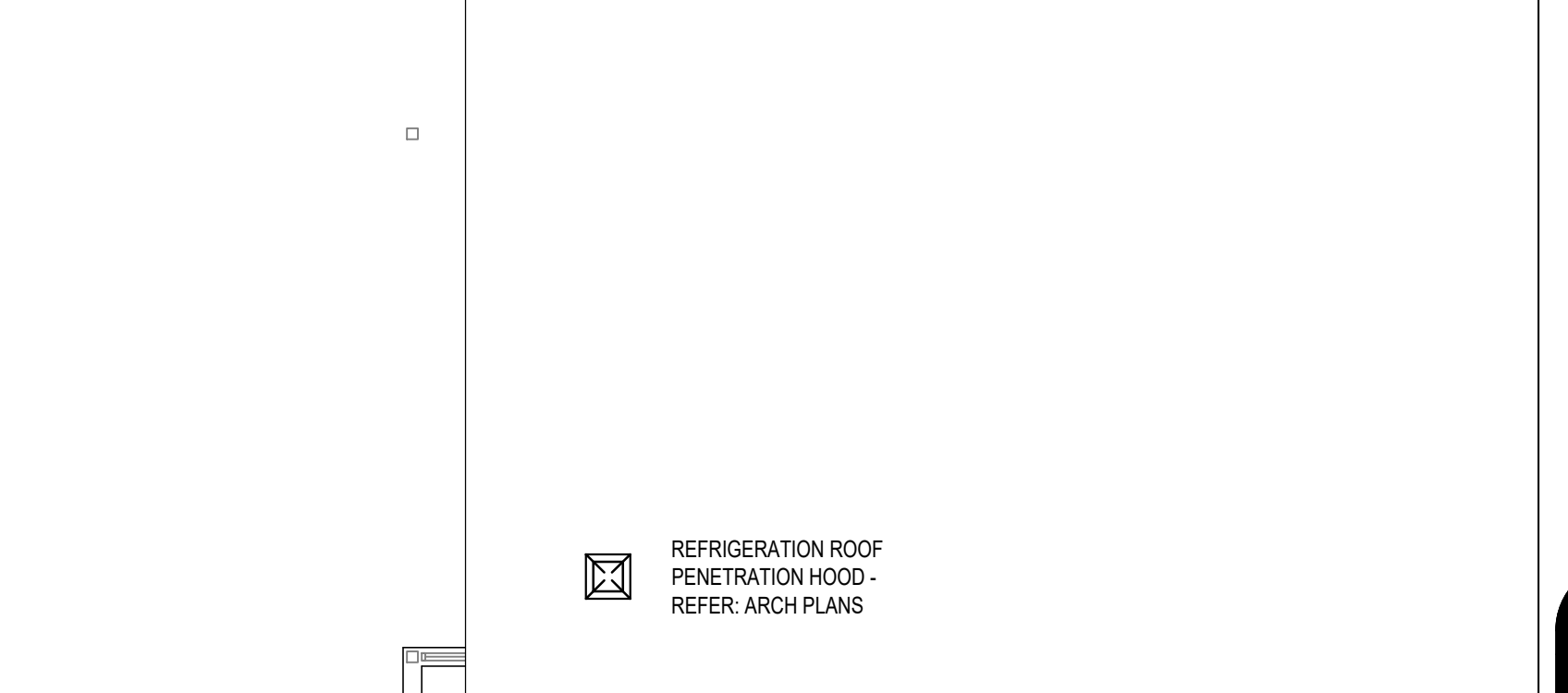
CLIFFORD S. TILBURY
20802
11-11-2024



1 REFRIGERATION DESIGNATION PLAN - ROOF



2 REFRIGERATION PITCH POCKET DETAIL



3 NOTES AND SYMBOLS

CoolSys
ENERGY DESIGN
 CONSULTING ENGINEERS
 4 Independence Way, Suite 401
 Princeton, NJ 08540
 +1 (609) 751-9655 office
 +1 (609) 751-9658 fax
 www.coolsysenergydesign.com
 OKLAHOMA CERTIFICATE OF AUTHORIZATION 8476

CHECKED BY: JC DESIGNED BY: LS
 PROFESSIONAL: CT CED PROJECT #: 22A0475-01

CLIFFORD S. TILBURY
 20802
 11-11-2024

BCC fs
BROOKSHIRE
 GROCERY COMPANY
 facility services

430 E. Front St.
 Tyler, TX 75702
 903-579-0500

39,756 SF
#906
 LANGLEY, OK

REMODEL
Reason's
 1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
1	11/11/24	REVISION 1

REFRIGERATION DESIGNATION ROOF PLAN

ISSUED FOR:

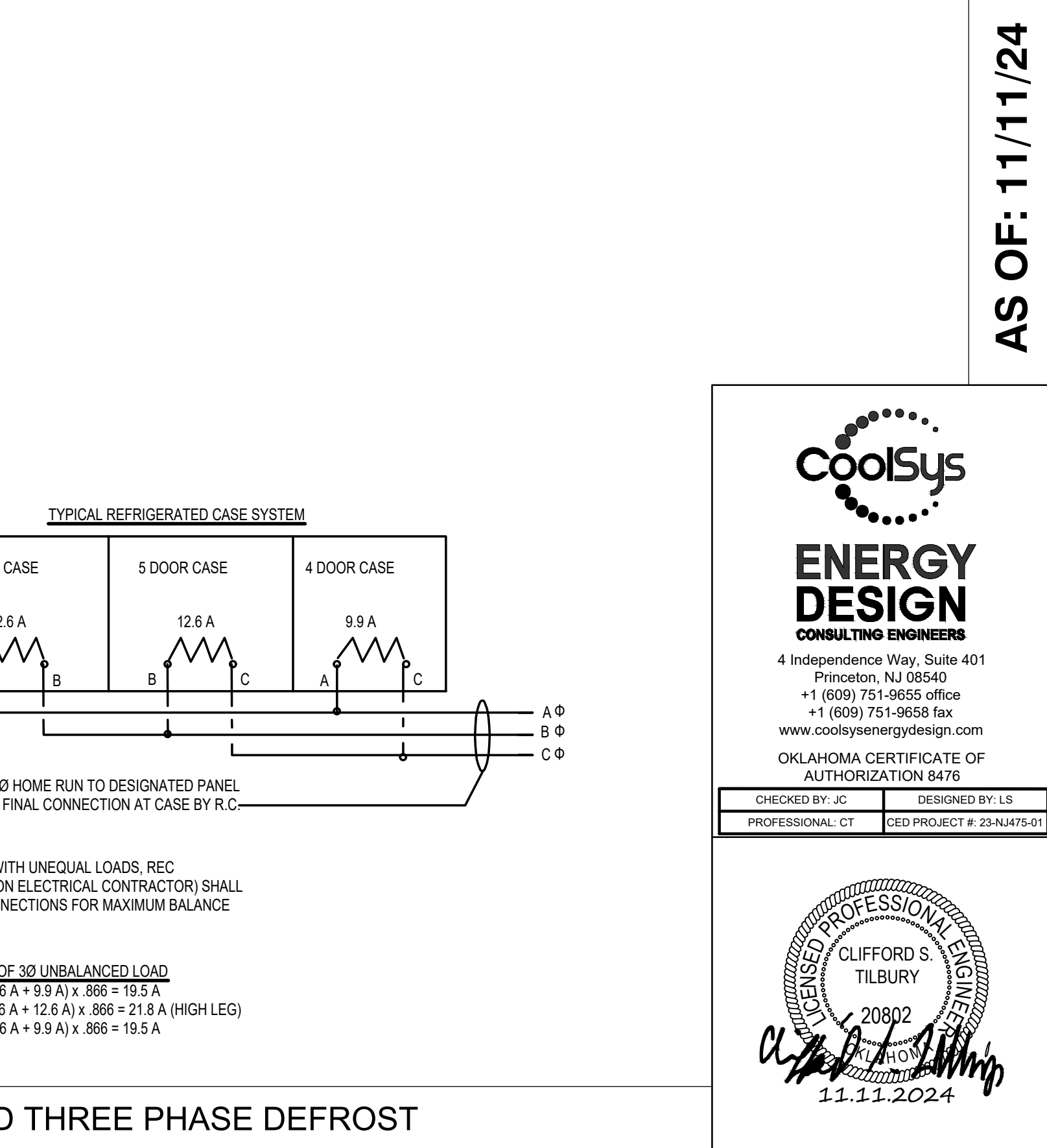
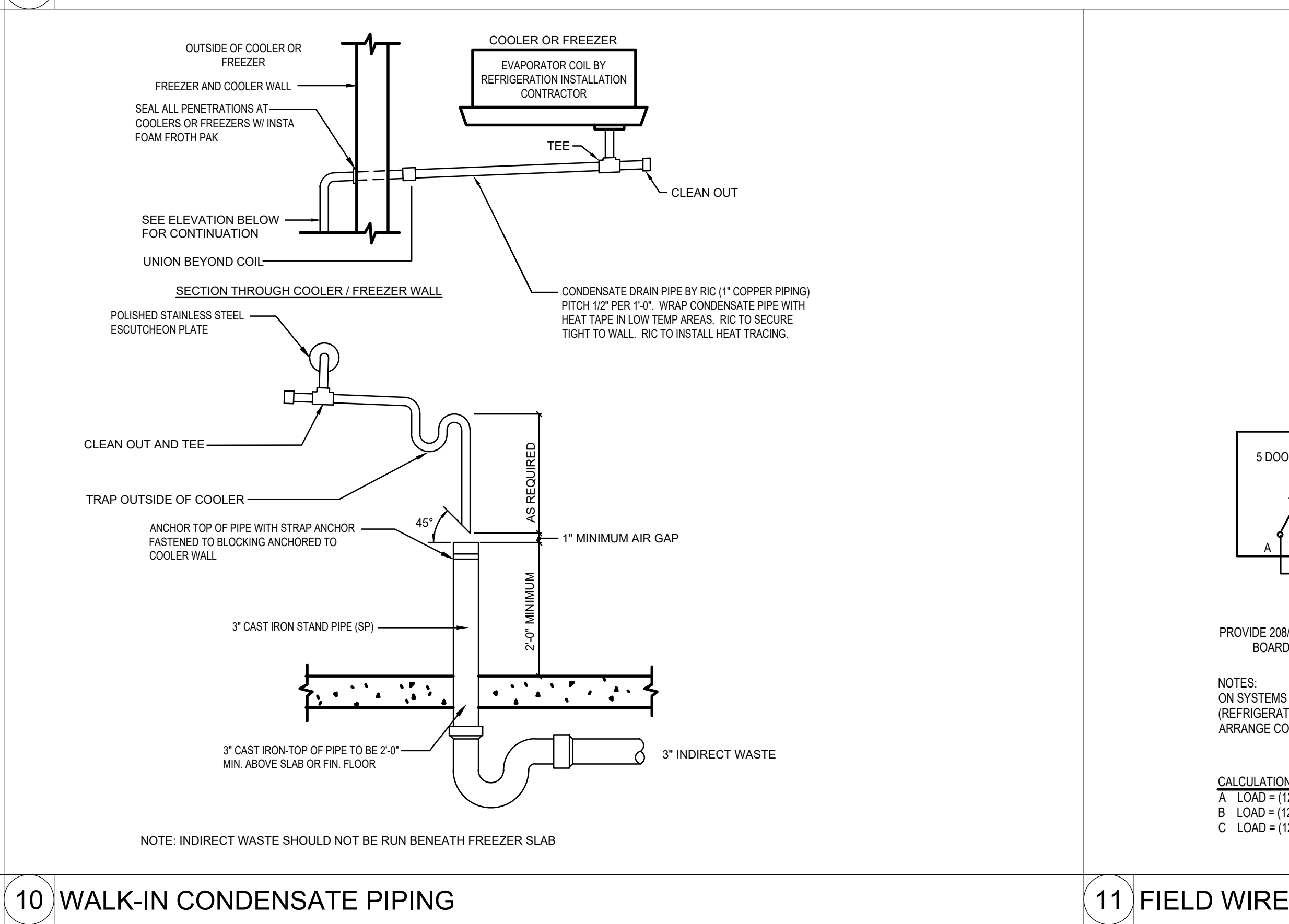
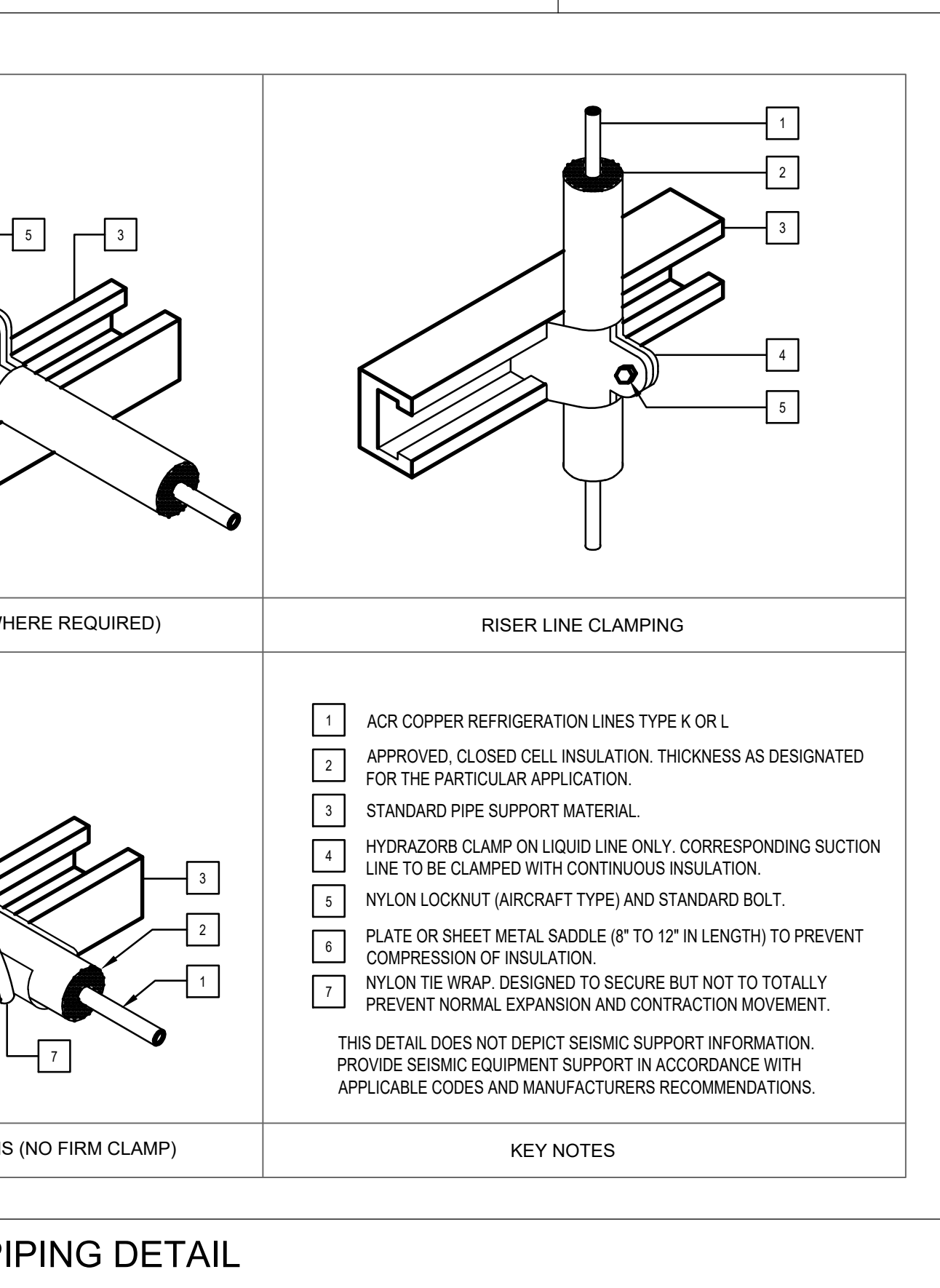
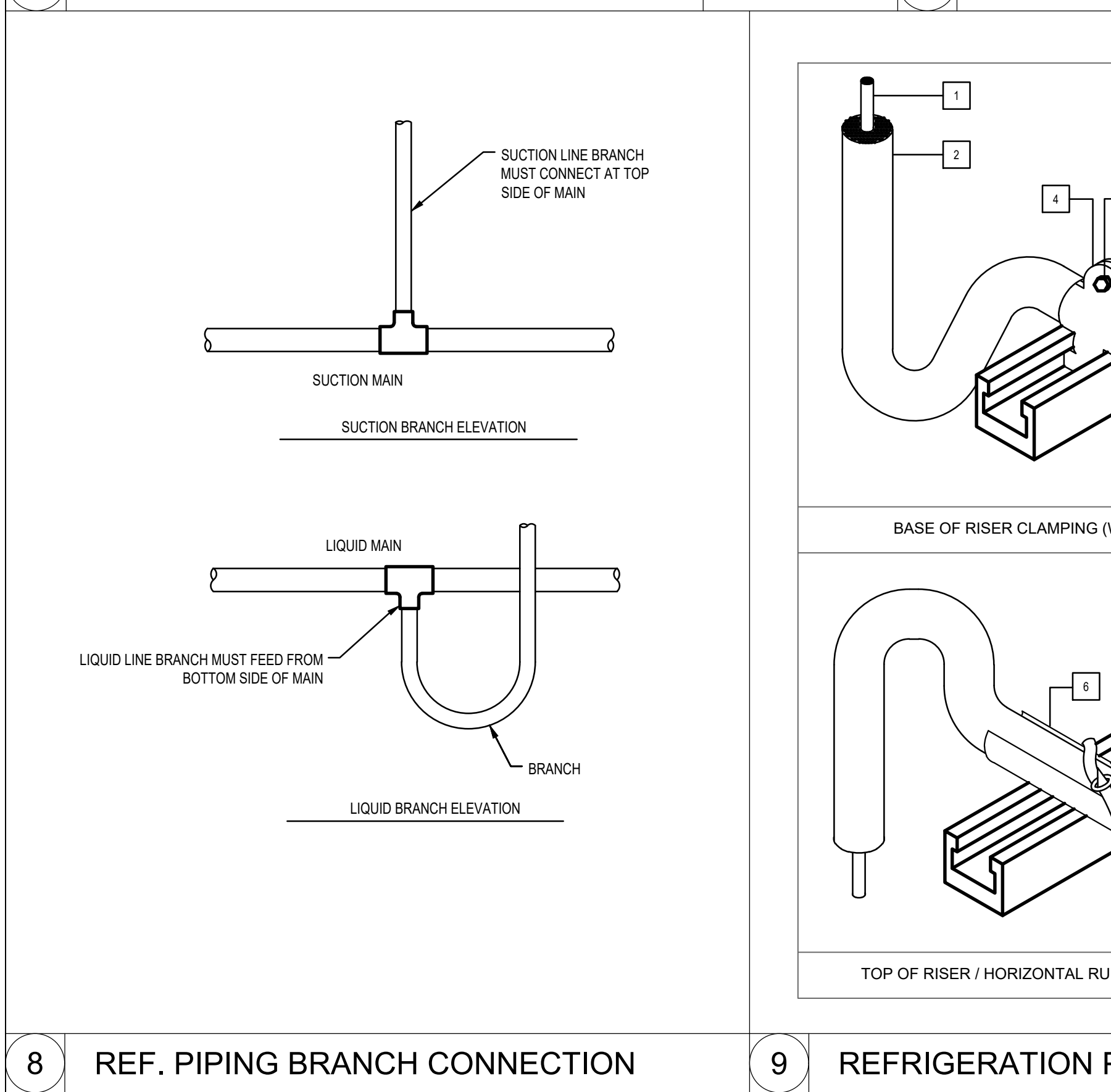
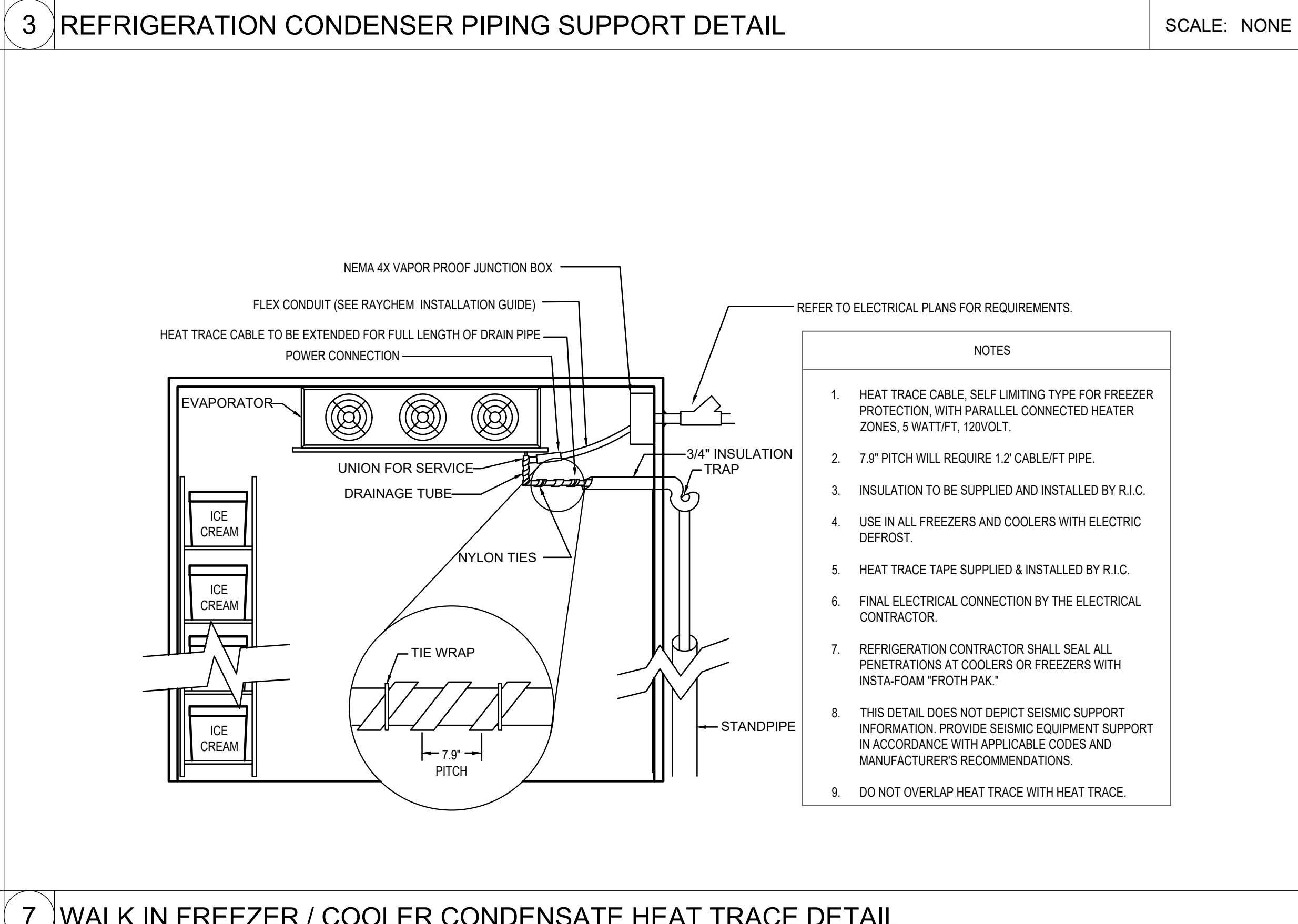
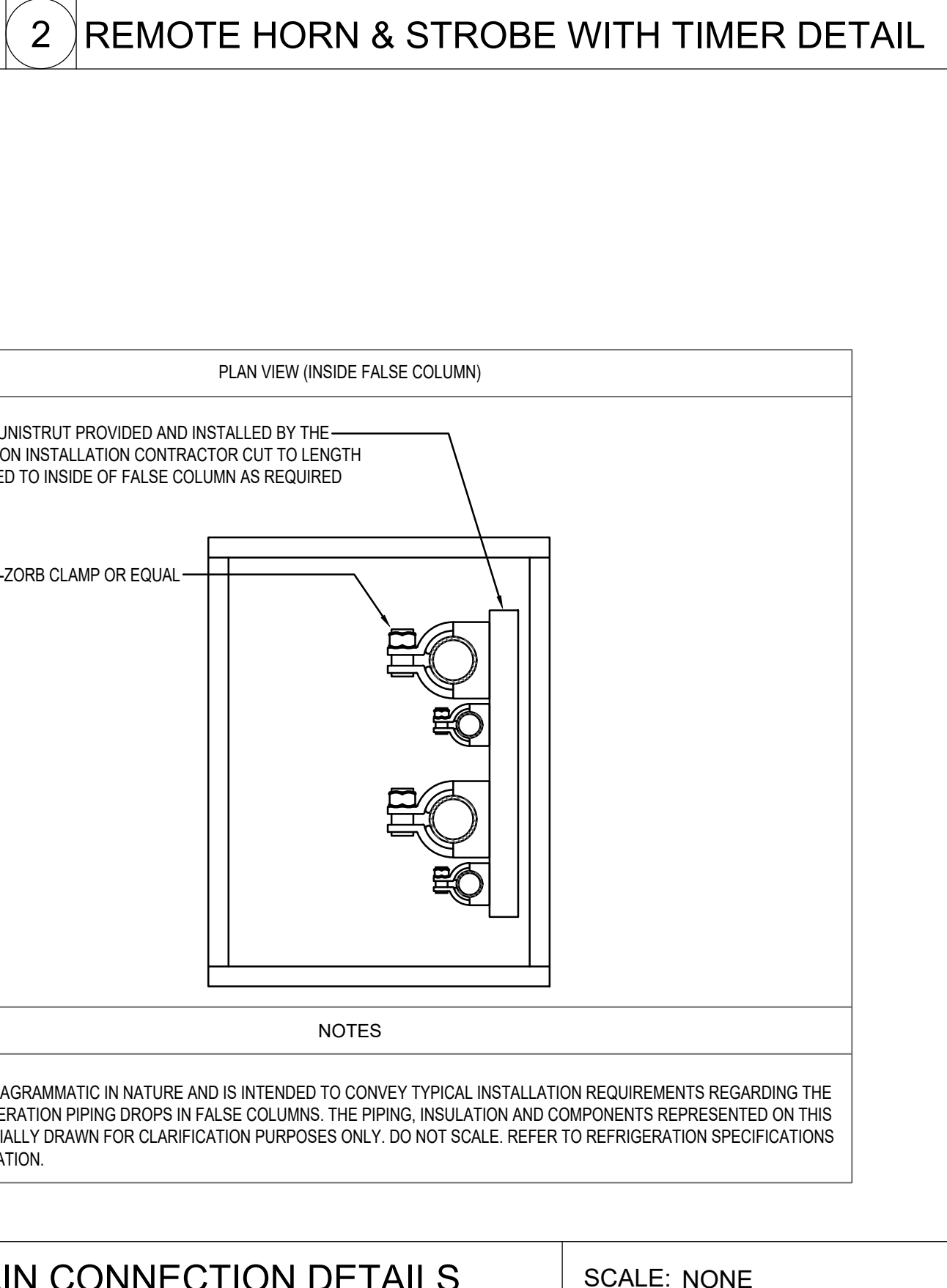
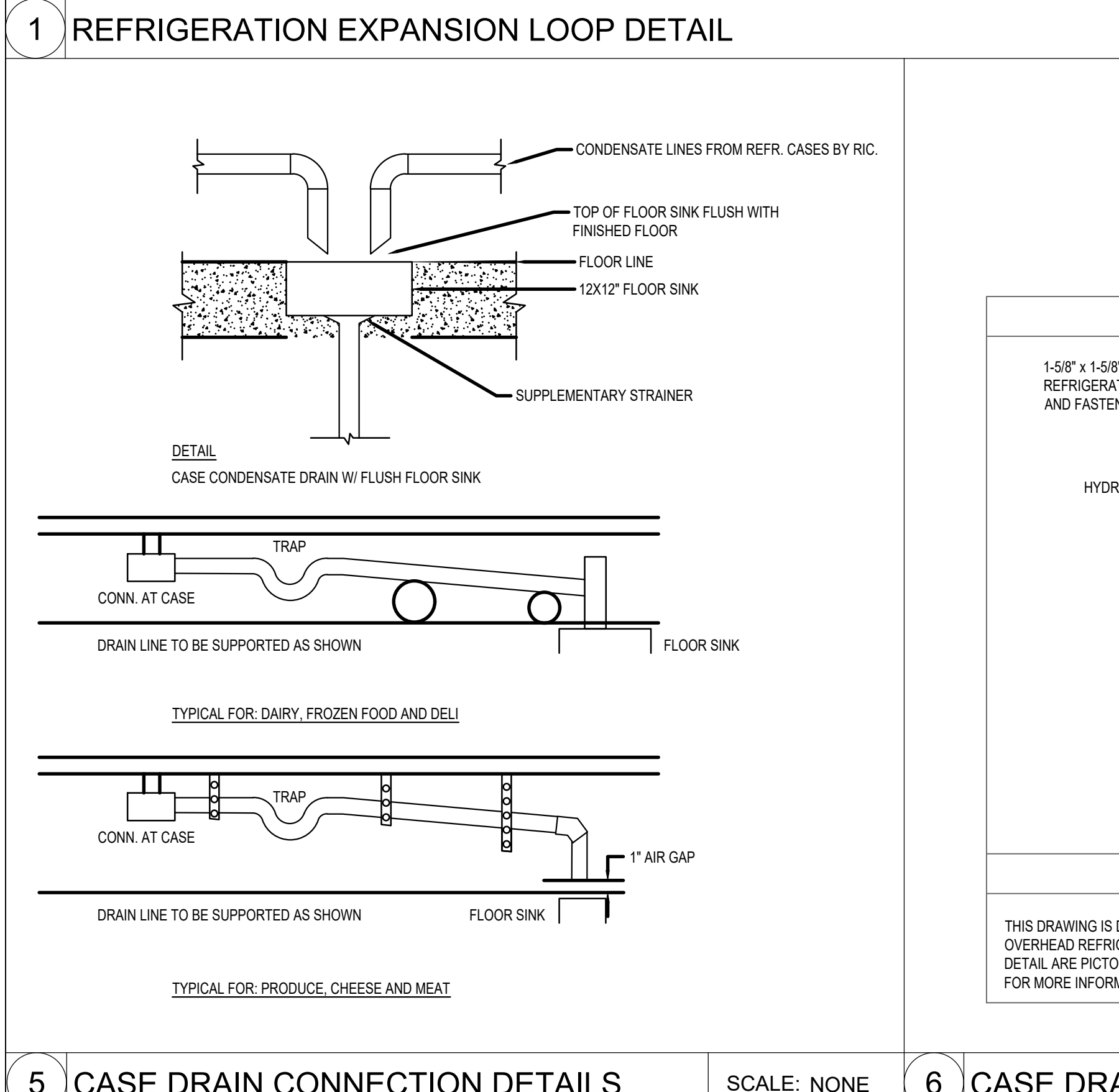
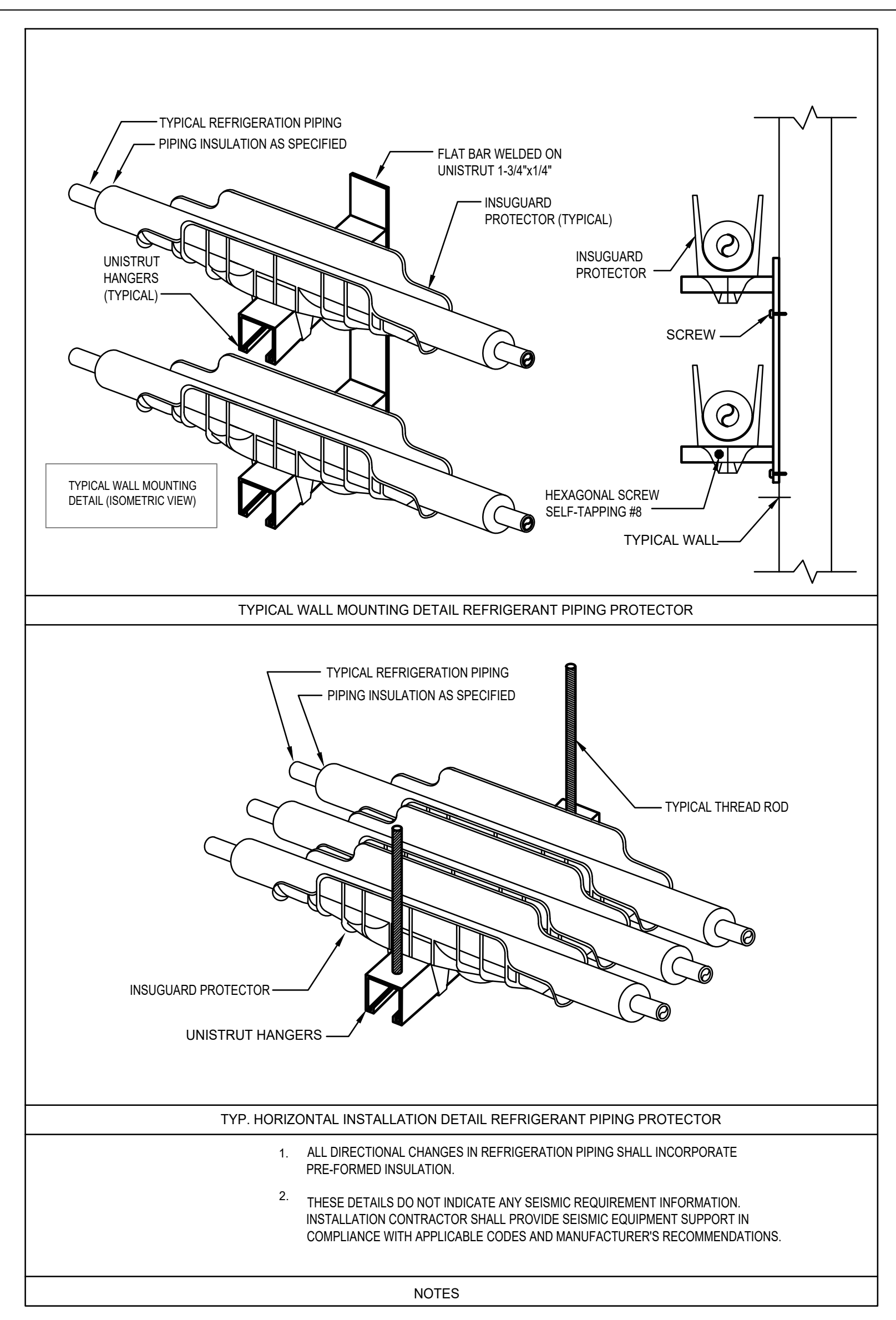
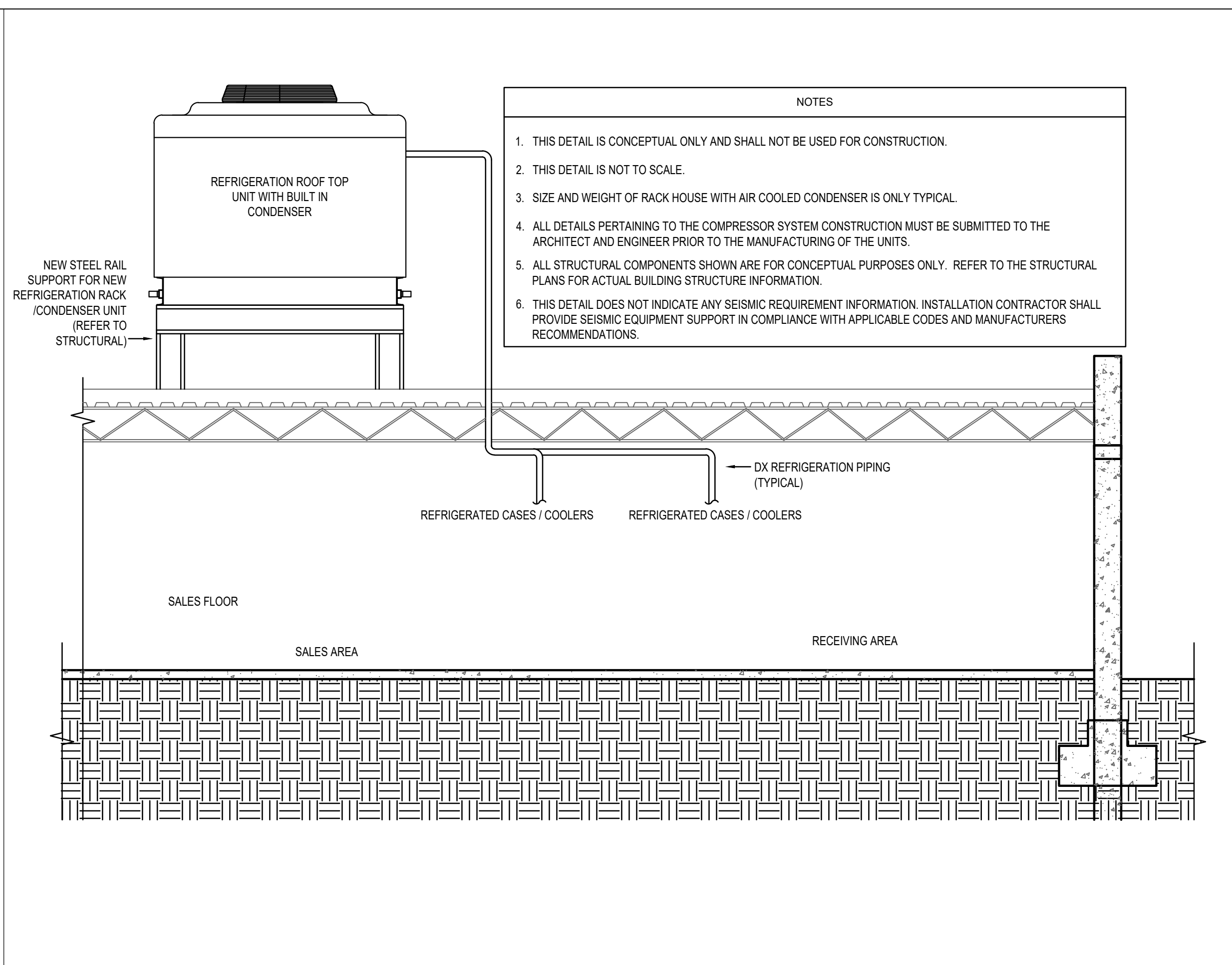
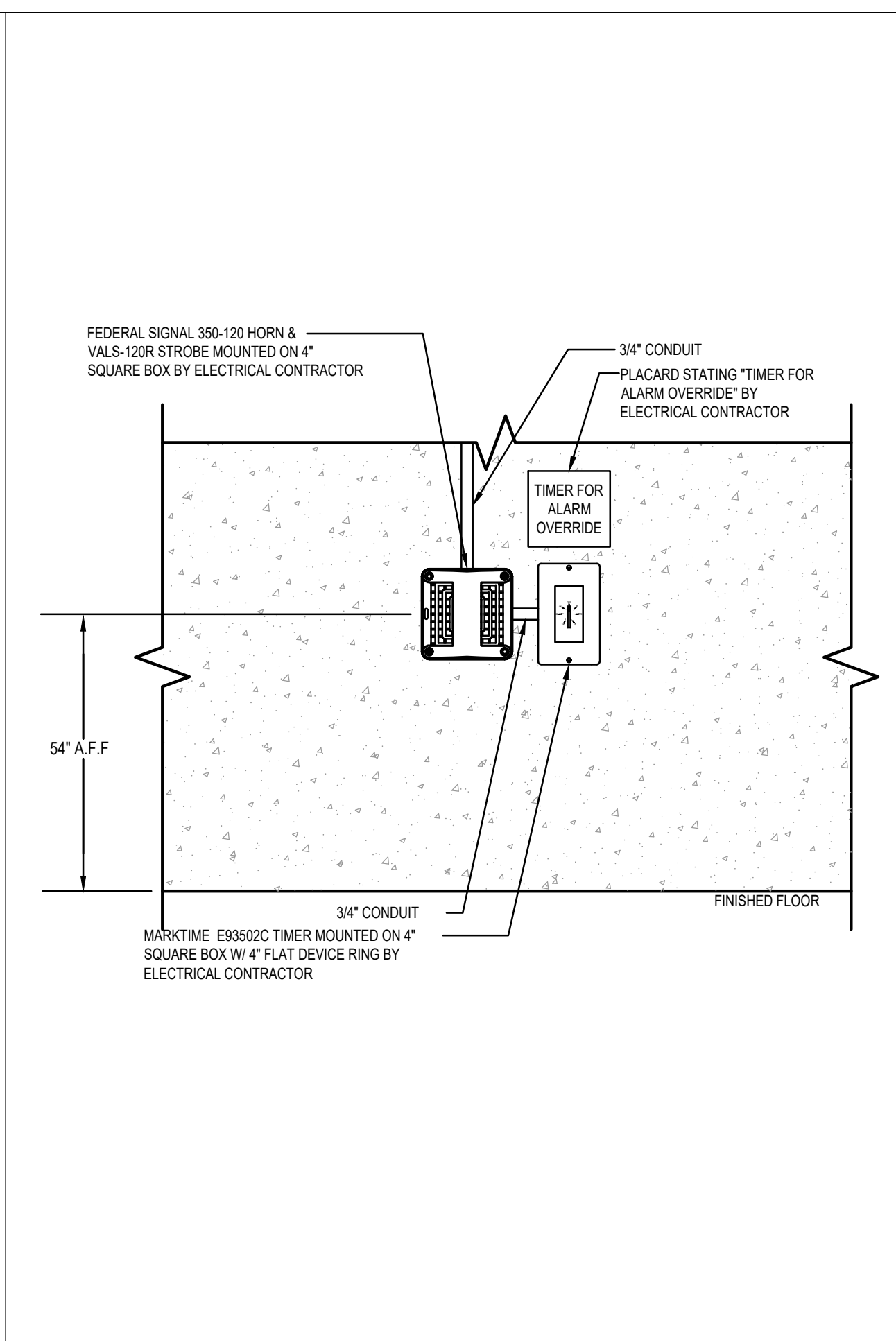
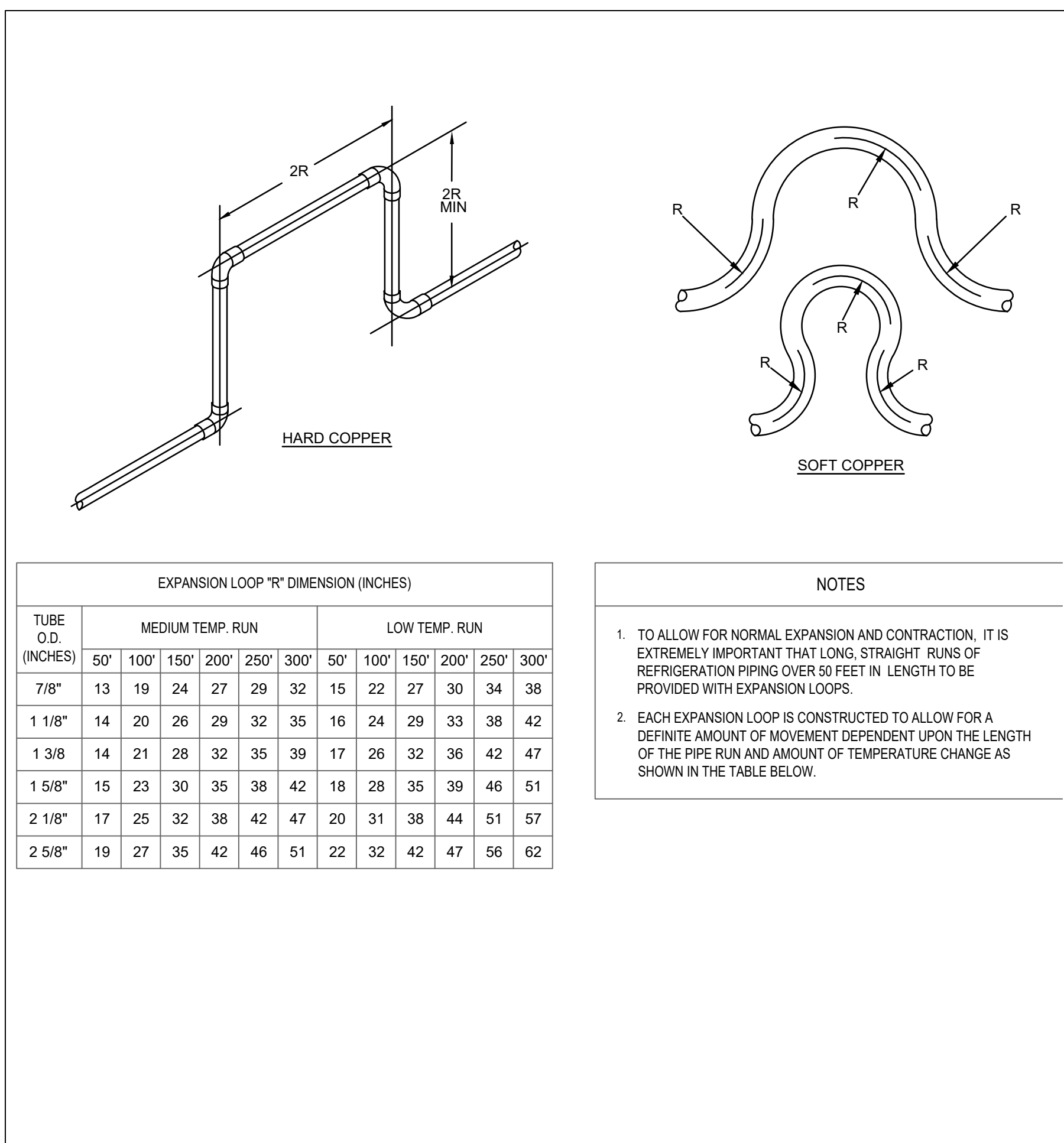
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DATE: **09/28**

PROJECT NO. **4090600-0**
 STORE NO. **906**
 SHEET NO. **R2.1**

AS OF: 11/11/24

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



BCC
BROOKSHIRE GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
1	11/11/24	REVISION 1

AS OF: 11/11/24

REFRIGERATION DETAILS

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 CONSTRUCTION

DATE: 09/28

PROJECT NO: 4090600-0

STORE NO: 906

SHEET NO: R3

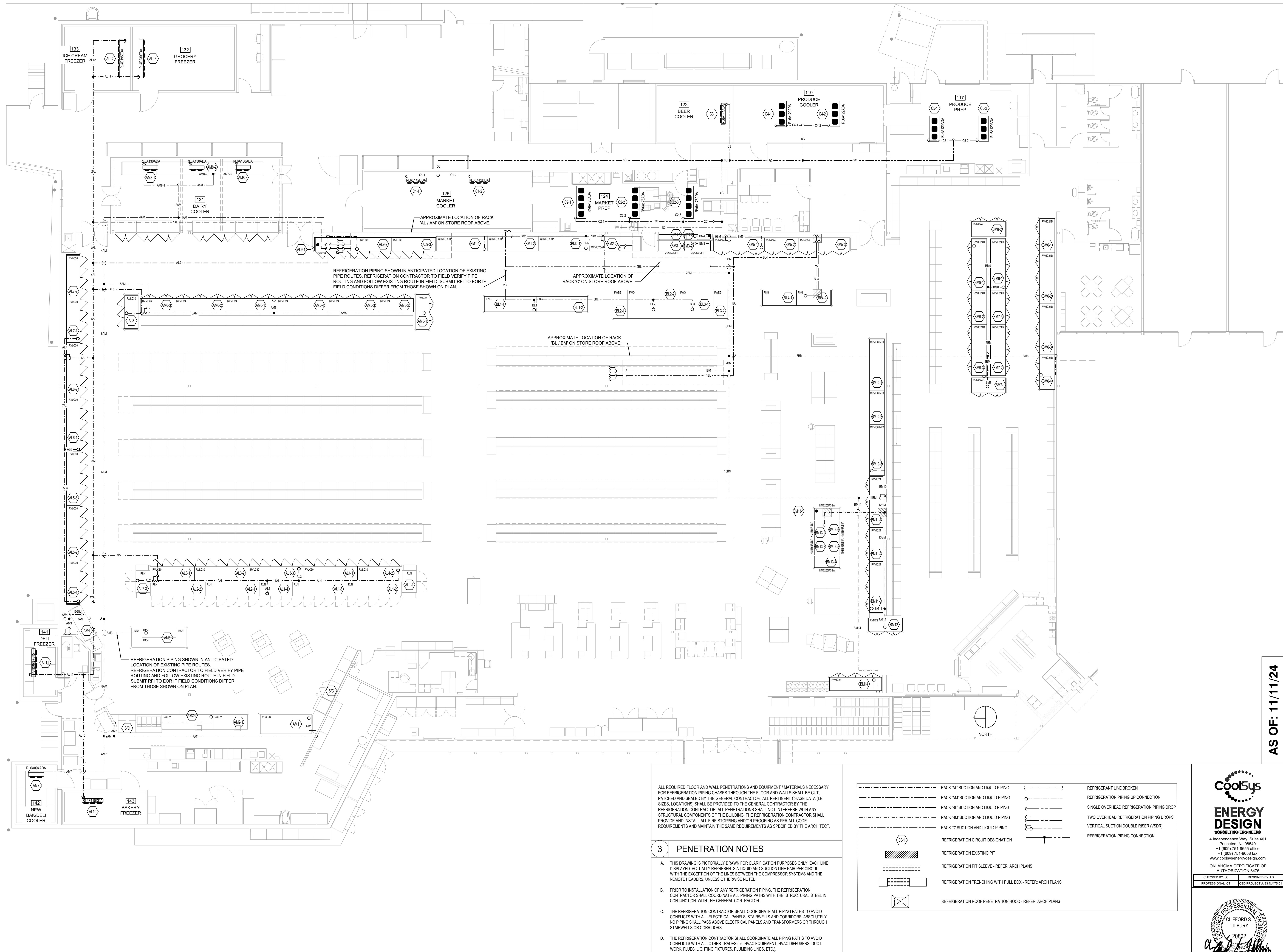
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ENERGY DESIGN CONSULTING ENGINEERS
4 Independence Way, Suite 401
Princeton, NJ 08540
+1 (609) 751-9655 office
+1 (609) 751-9656 fax
www.coolsysenergydesign.com

OKLAHOMA CERTIFICATE OF AUTHORIZATION 8476

CHECKED BY: J.S. DESIGNED BY: L.S.
PROFESSIONAL: C.T. SEED PROJECT #: 23-14475-01

CLIFFORD S. TILBURY
20802
11.11.2024

REFRIGERATION EQUIPMENT SCHEDULE - REASOR'S #906 LANGLEY, OK (AS OF JANUARY 9, 2024)																														
COMPRESSOR UNIT DATA						REFRIGERATION CIRCUIT DATA										ACCESSORIES DATA				ELECTRICAL DATA										
UNIT DESIGNATION	COMPRESSOR	CAPACITY (MBH)	THR (MBH)	KW	COMP HP	EEER	FLA (AMPS)	CKT #	LINE-UP	MANUFACTURER'S MODEL NUMBER	DESCRIPTION	REFRIG (MBH)	EMP (HP)	DESIGN ROOM TEMP (°F)	EVAP ROOM TEMP (°F)	DX CONTROL VALVE SIZE (LBS/D)	DX CONTROL VALVE SIZE (NOTE #)	DK CONTROL (SUCTION) (NOTE #)	DEFROST TERMINATION CONTROL	DEFROST TYPE	DEFROST INFORMATION (TYP) (MIN) (TYP) (MIN)	CONDENSATE LINE HEAT TRACE REQUIREMENT	TEXT LIGHT CIRCUIT (120V/1ph)	EMP. FAN AMPS PER CIRCUIT (VOLTAGE INDICATED)	ANTI-SWEAT HEATER AMPS PER CIRCUIT (120V/1ph)	DEFROST HEATER AMPS (VOLTAGE INDICATED)	DRAN FAN HEATER AMPS (120V/1ph)			
REFRIGERATION SYSTEM 'A' - ZERO ZONE EDGE XT UNIT ON ROOF LEVEL - DESIGNED 105°F AMBIENT TEMP WITH 15°F TO CONDENSING AT 120°F (R448A MID POINT TEMP 120°F / 124°F DEW POINT TEMP)																														
GROUP 'AL' - LOW TEMP - R448A																														
Suction Temp = 22°F / Condensing Dew Temp = 124°F / SubCooled Liquid Temp = 50°F (NOTE #2)																														
AL1	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL1	15 DR8	HUSSMANN RLH	REACHIN FROZEN/FOOD / ICE CREAM	15.98	-19	-12	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
AL2	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL2	12 DR8	HUSSMANN RLH	REACHIN FROZEN/FOOD / ICE CREAM	12.78	-19	-12	---	---	---	---	---	---	---	---	---	---	---	---	---			
AL3	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL3	14 DR8	HUSSMANN RLH	REACHIN FROZEN/FOOD / ICE CREAM	11.47	-16	-12	---	---	---	---	---	---	---	---	---	---	---	---	---			
AL4	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL4	3 DR8	HUSSMANN RLH	REACHIN FROZEN/FOOD / ICE CREAM	8.95	-16	-12	---	---	---	---	---	---	---	---	---	---	---	---				
AL5	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL5	14 DR8	HUSSMANN RLH	REACHIN FROZEN/FOOD / ICE CREAM	15.47	-16	-12	---	---	---	---	---	---	---	---	---	---	---	---	---			
AL6	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL6	19 DR8	HUSSMANN RLH	REACHIN FROZEN/FOOD / ICE CREAM	11.95	-16	-12	---	---	---	---	---	---	---	---	---	---	---	---	---			
AL7	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL7	8 DR8	HUSSMANN RLH	REACHIN FROZEN/FOOD / ICE CREAM	8.84	-16	-12	---	---	---	---	---	---	---	---	---	---	---	---	---			
AL8	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL8	3 DR8	HUSSMANN RLH	REACHIN FROZEN/FOOD / ICE CREAM	3.32	-16	-12	---	---	---	---	---	---	---	---	---	---	---	---	---			
AL9	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL9	11 DR8	HUSSMANN RLH	REACHIN FROZEN/FOOD / ICE CREAM	12.16	-16	-12	---	---	---	---	---	---	---	---	---	---	---	---	---			
AL10	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL10	19 x 7 x 10	Y1 RUSSELL RL4110DDA	BAKERY FREEZER (143)	11.80	-10	-2	-2	E33130 (3.19 psig/74%)	CS07 (3.34 psig/74%)	SENSOR	ELECTRIC	1	40	45	3	AL10	---	---	---	---	---	---
AL11	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL11	16.2 x 7 x 10	Y1 RUSSELL RL4120DDA	DELI FREEZER (141)	11.80	-10	-2	-2	E33130 (3.19 psig/74%)	CS07 (3.34 psig/74%)	SENSOR	ELECTRIC	4	45	45	3	AL11	YES	---	2.0 @ 120/160 (KEY NOTE #3)	---	19.2 @ 208/160 (KEY NOTE #3)	---
AL12	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL12	16.5 x 10 x 12	Y1 RUSSELL RL4119DDA	ICE CREAM FREEZER (133)	21.93	-20	-10	-10	E33130 (3.19 psig/74%)	CS07 (3.34 psig/74%)	SENSOR	ELECTRIC	4	45	45	3	AL12	YES	---	3.0 @ 120/160 (KEY NOTE #3)	---	16.8 @ 208/160 (KEY NOTE #3)	---
AL13	274KSE-TFC	46.8	79.59	9.90	13.0	4.63	42.1	AL13	24 x 10 x 12	Y1 RUSSELL RL4123DDA	GROCERY FREEZER (132)	23.92	-10	-2	-2	E33130 (3.19 psig/74%)	CS07 (3.34 psig/74%)	SENSOR	ELECTRIC	4	45	45	3	AL13	YES	---	3.0 @ 120/160 (KEY NOTE #3)	---	16.8 @ 208/160 (KEY NOTE #3)	---
TOTAL CAPACITY 163.20 PERCENT SPARE 15.58% TOTAL REQUIRED 147.62																														
Span=MBH = 11.31																														
SEE GENERAL INFORMATION BELOW																														
GROUP 'AM' - MEDIUM TEMP - R448A																														
Suction Temp = 22°F / Condensing Dew Temp = 124°F / Liquid Temp = 118°F																														
AM1	286KSE-TFC	43.5	65.00	6.30	6.0	6.90	22.5	AM1	12 FT	HUSSMANN M3H-B	SERVICE BAKERY	9.60	26	32	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
AM2	286KSE-TFC	43.5	65.00	6.30	6.0	6.90	22.5	AM2	29 FT	HUSSMANN M3V	SERVICE DELI	7.80	24	34	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
AM3	286KSE-TFC	43.5	65.00	6.30	6.0	6.90	22.5	AM3	24 FT	HUSSMANN M3A	DELI/SLAND	10.28	25	36	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
AM4	286KSE-TFC	43.5	65.00	6.30	6.0	6.90	22.5	AM4	8 FT	HUSSMANN M3U	MULTI DECK	11.54	28	33	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
AM5	286KSE-TFC	43.5	65.00	6.30	6.0	6.90	22.5	AM5	29 DR8	HUSSMANN M3A	REACHIN DARY DOORS	8.50	29	33	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
AM6	286KSE-TFC	43.5	65.00	6.30	6.0	6.90	22.5	AM6	16 DR8	HUSSMANN M3A	REACHIN DARY DOORS	6.80	28	33	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
AM7	286KSE-TFC	43.5	65.00	6.30	6.0	6.90	22.5	AM7	9.7 x 13.7 x 4	Y1 RUSSELL RL420ADA	BAKERY / DELI COOLER (142)	11.01	25	35	35	E33130 (3.19 psig/74%)	CS07 (3.34 psig/74%)	SENSOR	ELECTRIC	3	45	45	0	AM7	---	---	1.6 @ 120/160	---	---	---
AM8	286KSE-TFC	43.5	65.00	6.30	6.0	6.90	22.5	AM8	9.7 x 13.7 x 4	Y1 RUSSELL RL4130ADA	BAKERY COOLER (131)	42.35	25	35	34	E33140 (3.19 psig/74%)	CS07 (3.34 psig/74%)	SENSOR	ELECTRIC	3	45	45	0	AM8	---	---	4.8 @ 120/160	---	---	---
TOTAL CAPACITY 133.70 PERCENT SPARE 12.21% TOTAL REQUIRED 121.49																														
Span=MBH = 14.2																														
SEE GENERAL INFORMATION BELOW																														
SYSTEM 'A' TOTAL 313.70 513.38 58.50 69.00 235.90																														
GENERAL INFORMATION																														
NOTE: LEAD COMPRESSOR OF EACH GROUP TO BE ACOPELAND DIGITAL SCROLL COMPRESSOR																														
RETURN GAS TEMPERATURE LOW TEMP 30°F																														
RETURN GAS TEMPERATURE MED TEMP 50°F																														
MODULE EDGE XT (4-FAN + 1-ELECTRICAL)																														
DIMENSIONS: 204-34" (204" BASE FRAME) L x 86-78" FRAME (77" WITH MOUNTING TABS) W x 54" H																														
CALCULATED TO (F) 13.8																														
OPERATING WEIGHT: 8,500 LBS																														
RACK CHARGE (LBS): 250																														
SYSTEM 'A' PIPE CHARGE (LBS): 150																														
TOTAL EST. REFRIGERANT CHARGE (LBS): 410																														
REFRIGERATION SYSTEM 'B' - ZERO ZONE EDGE XT UNIT ON ROOF LEVEL - DESIGNED 105°F AMBIENT TEMP WITH 15°F TO CONDENSING AT 120°F (R448A MID POINT TEMP 120°F / 124°F DEW POINT TEMP)																														
GROUP 'BL' - LOW TEMP - R448A																														
Suction Temp = 22°F / Condensing Dew Temp = 124°F / SubCooled Liquid Temp = 50°F (NOTE #2)																														
BL1	274KSE-TFC	22.2	38.99	4.92	6.0	4.51	24.3	BL1	24 FT	HUSSMANN FWG	DUAL TEMP MARKET ISLAND	11.04	-20	-12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
BL2	274KSE-TFC	22.2	38.99	4.92	6.0	4.51	24.3	BL2	19 FT	HUSSMANN FWG	1/2 DUAL TEMP MARKET ISLAND	9.69	-20	-12	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
BL3	274KSE-TFC	22.2	38.99	4.92	6.0	4.51	24.3	BL3	15 FT	HUSSMANN FWG	1/2 DUAL TEMP MARKET ISLAND	7.29	-20	-12	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
BL4	274KSE-TFC	22.2	38.99	4.92	6.0	4.51	24.3	BL4	16 FT	HUSSMANN FWG	DUAL TEMP MARKET ISLAND	7.26	-20	-12	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
TOTAL CAPACITY 46.40 PERCENT SPARE 25.07% TOTAL REQUIRED 35.37																														
Span=MBH = 9.03																														
SEE GENERAL INFORMATION BELOW																														
GROUP 'BM' - MEDIUM TEMP - R448A																														
Suction Temp = 18°F / Condensing Dew Temp = 124°F / Liquid Temp = 118°F																														
BM1	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM1	24 FT	ZERO ZONE - ORN475-ME	MULTI DECK FRESH MEAT	32.78	27	33	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
BM2	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM2	24 FT	ZERO ZONE - ORN475-ME	MULTI DECK FRESH MEAT	32.78	27	33	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM3	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM3	12 FT	HUSSMANN M3-MF-EP	FRONT SIDE OF SERVICE MARKET CAGES	2.75	26	34	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM4	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM4	12 FT	HUSSMANN M3-MF-EP	TOP SIDE OF SERVICE MARKET CAGES	6.36	26	34	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM5	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM5	16 DR8	ZERO ZONE RVM24	REACHIN CURED MEAT DOORS	6.80	28	33	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM6	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM6	29 DR8	ZERO ZONE RVM24D	REACHIN BEER	8.50	29	33	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM7	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM7	14 DR8	ZERO ZONE RVM24D	REACHIN BEER	5.96	28	33	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM8	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM8	19 DR8	ZERO ZONE RVM24D	REACHIN BEER	4.25	28	33	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM9	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM9	16 DR8	ZERO ZONE RVM24D	REACHIN BEER	6.80	28	33	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM10	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM10	32 FT	ZERO ZONE ORN42-PX	MULTI DECK PRODUCE	40.64	26	36	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM11	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM11	16 DR8	ZERO ZONE RVM24	REACHIN PRODUCE DOORS	6.80	28	33	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM12	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM12	4 DR8	ZERO ZONE RVM24	REACHIN PRODUCE DOORS	1.76	28	33	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM13	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM13	28 FT	STRUCT. COL. - HUSSMANN M3V & M3Z50R5A	MULTI DECK DARY VOTR ENDS	31.24	29	30	---	---	---	---	---	---	---	---	---	---	---	---	---			
BM14	286KSE-TFC	72.8	109.20	10.90	16.0	6.61	43.0	BM14	6 DR8	ZERO ZONE RVM24	REACHIN FLORIDA DOORS	2.65	28	33	---	---	---	---	---	---	---	---	---	---	---	---	---			
TOTAL CAPACITY 228.10 PERCENT SPARE 19.02% TOTAL REQUIRED 193.87																														
Span=MBH = 34.23																														
SEE GENERAL INFORMATION BELOW																														
SYSTEM 'B' TOTAL 288.50 418.95 44.08 44.50 106.90																														
GENERAL INFORMATION																														
NOTE: EACH COMPRESSOR TO HAVE MW NUMBER OF UNLOADERS INSTALLED																														
RETURN GAS TEMPERATURE LOW TEMP 30°F																														
RETURN GAS TEMPERATURE MED TEMP 50°F																														
MODULE EDGE XT (4-FAN + 1-ELECTRICAL)																														
DIMENSIONS: 204-34" (204" BASE FRAME) L x 86-78" FRAME (77" WITH MOUNTING TABS) W x 54" H																														
CALCULATED TO (F) 13.8																														
OPERATING WEIGHT: 8,500 LBS																														
RACK CHARGE (LBS): 250																														
SYSTEM 'B' PIPE CHARGE (LBS): 125																														
TOTAL EST. REFRIGERANT CHARGE (LBS): 375																														
REFRIGERATION SYSTEM 'C' - ZERO ZONE EDGE XT UNIT ON ROOF LEVEL - DESIGNED 105°F AMBIENT TEMP WITH 15°F TO CONDENSING AT 120°F (R448A MID POINT TEMP 120°F / 124°F DEW POINT TEMP)																														
GROUP 'C1'																														



1 REFRIGERATION PIPING PLAN - SALES FLOOR

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

3 PENETRATION NOTES

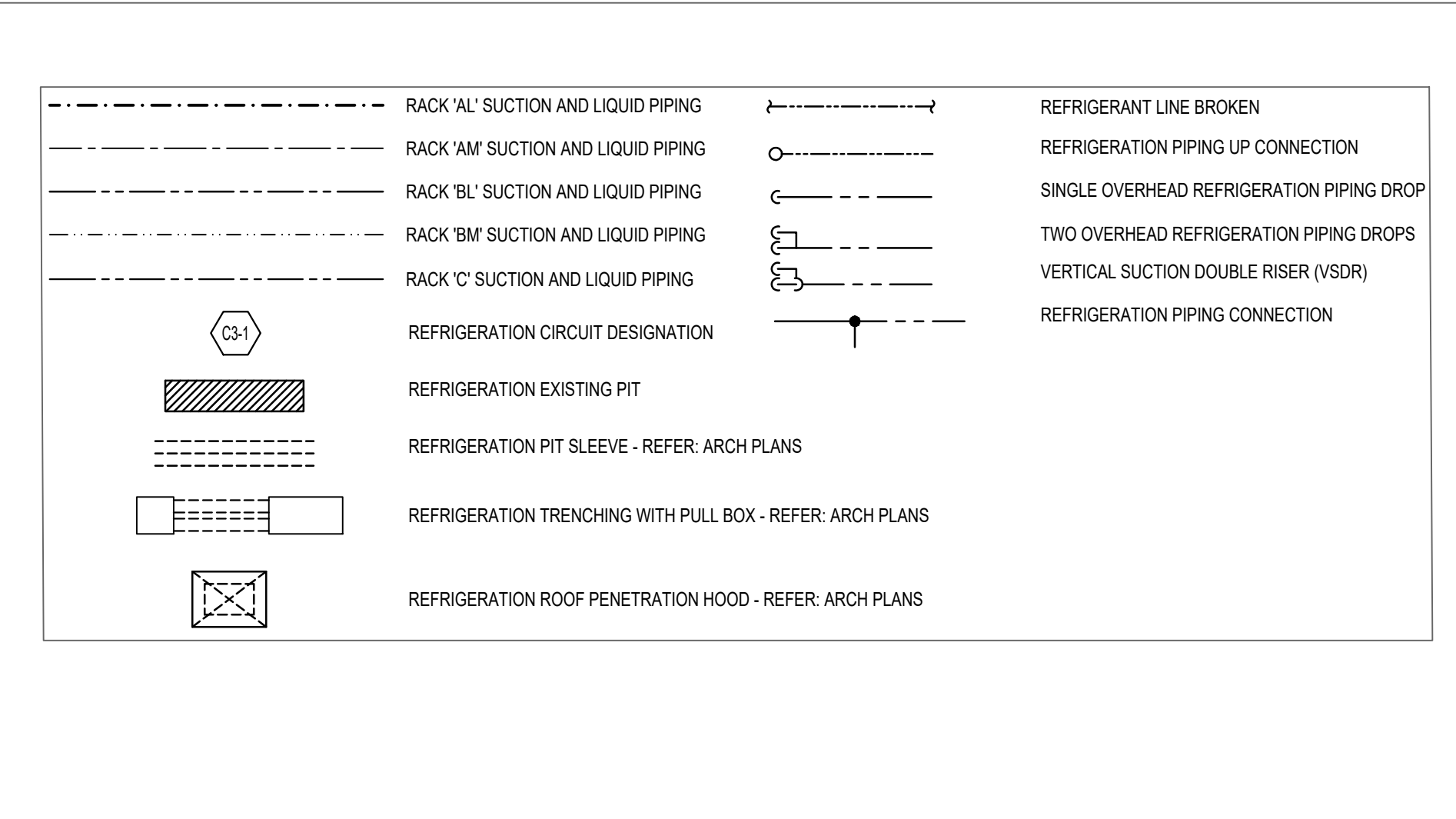
A. THIS DRAWING IS PICTORIALLY DRAWN FOR CLARIFICATION PURPOSES ONLY. EACH LINE DISPLAYED ACTUALLY REPRESENTS A LIQUID AND SUCTION LINE PAIR PER CIRCUIT WITH THE EXCEPTION OF THE LINES BETWEEN THE COMPRESSOR SYSTEMS AND THE REMOTE HEADERS, UNLESS OTHERWISE NOTED.

B. PRIOR TO INSTALLATION OF ANY REFRIGERATION PIPING, THE REFRIGERATION CONTRACTOR SHALL COORDINATE ALL PIPING PATHS WITH THE STRUCTURAL STEEL IN CONJUNCTION WITH THE GENERAL CONTRACTOR.

C. THE REFRIGERATION CONTRACTOR SHALL COORDINATE ALL PIPING PATHS TO AVOID CONFLICTS WITH ALL ELECTRICAL PANELS, STAIRWELLS AND CORRIDORS. ABSOLUTELY NO PIPING SHALL PASS ABOVE ELECTRICAL PANELS AND TRANSFORMERS OR THROUGH STAIRWELLS OR CORRIDORS.

D. THE REFRIGERATION CONTRACTOR SHALL COORDINATE ALL PIPING PATHS TO AVOID CONFLICTS WITH ALL OTHER TRADES I.E. HVAC EQUIPMENT, HVAC DIFFUSERS, DUCT WORK, FLUES, LIGHTING FIXTURES, PLUMBING LINES, ETC.)

2 REFRIGERATION PIPING NOTES



4 REFRIGERATION PIPING AND SYMBOL LEGEND

NO.	DATE	REVISION DESCRIPTION
1	11/11/24	REVISION 1

REFRIGERATION PIPING PLAN

ISSUED FOR:

PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE
09/28

PROJECT NO.
4090600-0

STORE NO.
906

SHEET NO.
R5

CoolSys
ENERGY DESIGN
 CONSULTING ENGINEERS

4 Independence Way, Suite 401
 Princeton, NJ 08540
 +1 (609) 751-9656 office
 +1 (609) 751-9656 fax
 www.coolsysenergydesign.com

OKLAHOMA CERTIFICATE OF AUTHORIZATION 8476

CHECKED BY: J.S. DESIGNED BY: L.S.
 PROFESSIONAL: C.T. CED PROJECT #: 23-04475-01

CLIFFORD S. TILBURY
 20802
 11.11.2024

AS OF: 11/11/24

NO.	DATE	REVISION DESCRIPTION
1	11/11/24	REVISION 1

AS OF: 11/11/24

REFRIGERATION
 PIPING AND
 INSULATION
 SIZE TABLES

ISSUED FOR:

PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE: **09/28**

PROJECT NO. **4090600-0**

STORE NO.

906

SHEET NO.

R5.1

CoolSys

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 www.coolsysenergydesign.com

OKLAHOMA CERTIFICATE OF AUTHORIZATION 8476

CHECKED BY: [Signature] DESIGNED BY: [Signature]
 PROFESSIONAL: [Signature] EED PROJECT #: 23A0475-01

CLIFFORD S. TILBURY
 20802
 11-11-2024

PIPE TAG	PIPING				INSULATION	
	SUCTION		LIQUID	ESTIMATED TOTAL LENGTH**	INSULATION THICKNESS	
	HORIZONTAL	VERTICAL*			SUCTION	LIQUID
LOOP AL						
LOOP 1AL	2 1/8	2 5/8 & 1 5/8	1 1/8	72	1"	1"
LOOP 2AL	2 1/8	1 5/8*	5/8	35	1"	1"
AL13	1 1/8	1 1/8	1/2	21	1"	1"
AL12	1 1/8	1 1/8	1/2	27	1"	1"
LOOP 3AL	3 1/8	2 1/8*	7/8	10	1"	1"
AL9	1 1/8	7/8	1/2	110	1"	1"
LOOP 4AL	3 1/8	2 1/8*	7/8	7	1"	1"
AL8	5/8	1/2	1/2	42	1"	1"
LOOP 5AL	3 1/8	2 1/8*	7/8	17	1"	1"
LOOP 6AL	2 1/8	1 1/8 & 1 1/8	5/8	27	1"	1"
AL7	7/8	5/8*	1/2	28	1"	1"
LOOP 7AL	1 5/8	1 1/8*	1/2	21	1"	1"
AL6	1 1/8	7/8*	1/2	11	1"	1"
AL5	1 3/8	7/8*	1/2	30	1"	1"
LOOP 8AL	2 5/8	2 1/8*	7/8	47	1"	1"
LOOP 9AL	2 1/8	1 1/8 & 1 1/8	5/8	42	1"	1"
AL2	1 1/8	7/8*	1/2	36	1"	1"
LOOP 10AL	1 5/8	1 3/8*	5/8	26	1"	1"
AL1	1 1/8	7/8*	1/2	43	1"	1"
LOOP 11AL	1 3/8	1 1/8*	1/2	5	1"	1"
AL3	1 1/8	7/8*	1/2	35	1"	1"
AL4	7/8	7/8*	1/2	29	1"	1"
LOOP 12AL	1 5/8	1 1/8*	5/8	31	1"	1"
AL11	1 1/8	7/8	1/2	23	1"	1"
AL10	7/8	7/8	1/2	39	1"	1"
LOOP AM						
LOOP 1AM	2 5/8	1 3/8 & 1 5/8	1 1/8	45	1"	1"
LOOP 2AM	1 3/8	1 1/8	5/8	15	1"	1"
AM8-1	7/8	5/8	1/2	18	1"	1"
LOOP 3AM	1 3/8	7/8*	1/2	11	1"	1"
AM8-2	7/8	5/8	1/2	13	1"	1"
AM8-3	7/8	5/8	1/2	13	1"	1"
LOOP 4AM	2 1/8	1 5/8*	7/8	34	1"	1"
LOOP 5AM	1 1/8	1/2 & 5/8	1/2	67	1"	1"
AM6	1/2	1/2*	1/2	4	1"	1"
AM5	5/8	1/2*	1/2	40	1"	1"
LOOP 6AM	2 1/8	1 3/8*	7/8	80	1"	1"
LOOP 7AM	1 3/8	1/2 & 5/8	1/2	9	1"	1"
AM4	7/8	5/8	1/2	38	1"	1"
AM3	1 1/8	7/8	1/2	71	1"	1"
LOOP 8AM	1 1/8	7/8*	1/2	28	1"	1"
AM7	7/8	5/8	1/2	36	1"	1"
LOOP 9AM	7/8	5/8*	1/2	3	1"	1"
AM2	7/8	5/8	1/2	60	1"	1"
AM1	7/8	5/8	1/2	88	1"	1"

* RISER SIZE IS SHOWN EVEN WHERE A RISER IS NOT EXPECTED. THIS IS FOR REFERENCE ONLY AND TO BE USED IN THE EVENT THAT A PIPING CONFLICT CAUSES THE NEED FOR A RISER. IF RISER LENGTH EXCEEDS 4 FEET, IT MUST BE APPROVED BY ENGINEER OF RECORD.

**ESTIMATED TOTAL LENGTH INCLUDES HORIZONTAL AND VERTICAL PIPE SECTIONS. THIS IS ONLY AN ESTIMATE AND ACTUAL LENGTH WILL VARY.

TWO LISTED SIZES INDICATES A VERTICAL SUCTION DOUBLE RISER.

BGC #906 LANGLEY, OK - Jan 10, 2024

PIPE TAG	PIPING				INSULATION	
	SUCTION		LIQUID	ESTIMATED TOTAL LENGTH**	INSULATION THICKNESS	
	HORIZONTAL	VERTICAL*			SUCTION	LIQUID
LOOP BL						
LOOP 1BL	1 5/8	1 1/8 & 1 1/8	5/8	55	1"	1"
BL4	7/8	1/2 & 1/2	1/2	73	1"	1"
LOOP 2BL	1 5/8	7/8 & 7/8	5/8	107	1"	1"
BL1	7/8	7/8*	1/2	5	1"	1"
LOOP 3BL	1 1/8	7/8*	1/2	27	1"	1"
BL2	1 1/8	7/8*	1/2	5	1"	1"
BL3	7/8	5/8*	1/2	15	1"	1"
LOOP BM						
LOOP 1BM	3 1/8	2 5/8 & 1 5/8	1 3/8	30	1"	1"
LOOP 2BM	2 5/8	2 1/8	1 1/8	4	1"	1"
LOOP 3BM	1 3/8	7/8*	5/8	61	1"	1"
BM6	7/8	1/2	1/2	42	1"	1"
LOOP 4BM	1 1/8	5/8 & 5/8	1/2	25	1"	1"
BM7	5/8	1/2*	1/2	29	1"	1"
LOOP 5BM	7/8	5/8*	1/2	18	1"	1"
BM8	5/8	1/2*	1/2	24	1"	1"
BM9	5/8	1/2*	1/2	20	1"	1"
LOOP 6BM	2 1/8	1 5/8*	7/8	20	1"	1"
LOOP 7BM	2 1/8	7/8 & 1 3/8	7/8	63	1"	1"
BM2	1 3/8	1 1/8*	5/8	16	1"	1"
BM1	1 3/8	1 1/8*	5/8	39	1"	1"
LOOP 8BM	1 1/8	5/8 & 5/8	1/2	29	1"	1"
BM5	5/8	1/2*	1/2	12	1"	1"
LOOP 9BM	7/8	1/2*	1/2	5	1"	1"
BM4	5/8	1/2*	1/2	14	1"	1"
BM3	1/2	1/2*	1/2	12	1"	1"
LOOP 10BM	2 1/8	1 5/8*	7/8	61	1"	1"
BM14	1/2	3/8	1/2	84	1"	1"
LOOP 11BM	2 1/8	1 3/8 & 7/8	7/8	28	1"	1"
BM10	1 5/8	1 3/8	5/8	20	1"	1"
LOOP 12BM	1 5/8	1 3/8*	5/8	4	1"	1"
BM13	1 3/8	1 1/8*	1/2	41	1"	1"
LOOP 13BM	7/8	5/8*	1/2	23	1"	1"
BM11	5/8	1/2*	1/2	4	1"	1"
BM12	3/8	3/8*	3/8	10	1"	1"

* RISER SIZE IS SHOWN EVEN WHERE A RISER IS NOT EXPECTED. THIS IS FOR REFERENCE ONLY AND TO BE USED IN THE EVENT THAT A PIPING CONFLICT CAUSES THE NEED FOR A RISER. IF RISER LENGTH EXCEEDS 4 FEET, IT MUST BE APPROVED BY ENGINEER OF RECORD.

**ESTIMATED TOTAL LENGTH INCLUDES HORIZONTAL AND VERTICAL PIPE SECTIONS. THIS IS ONLY AN ESTIMATE AND ACTUAL LENGTH WILL VARY.

TWO LISTED SIZES INDICATES A VERTICAL SUCTION DOUBLE RISER.

BGC #906 LANGLEY, OK - Jan 10, 2024

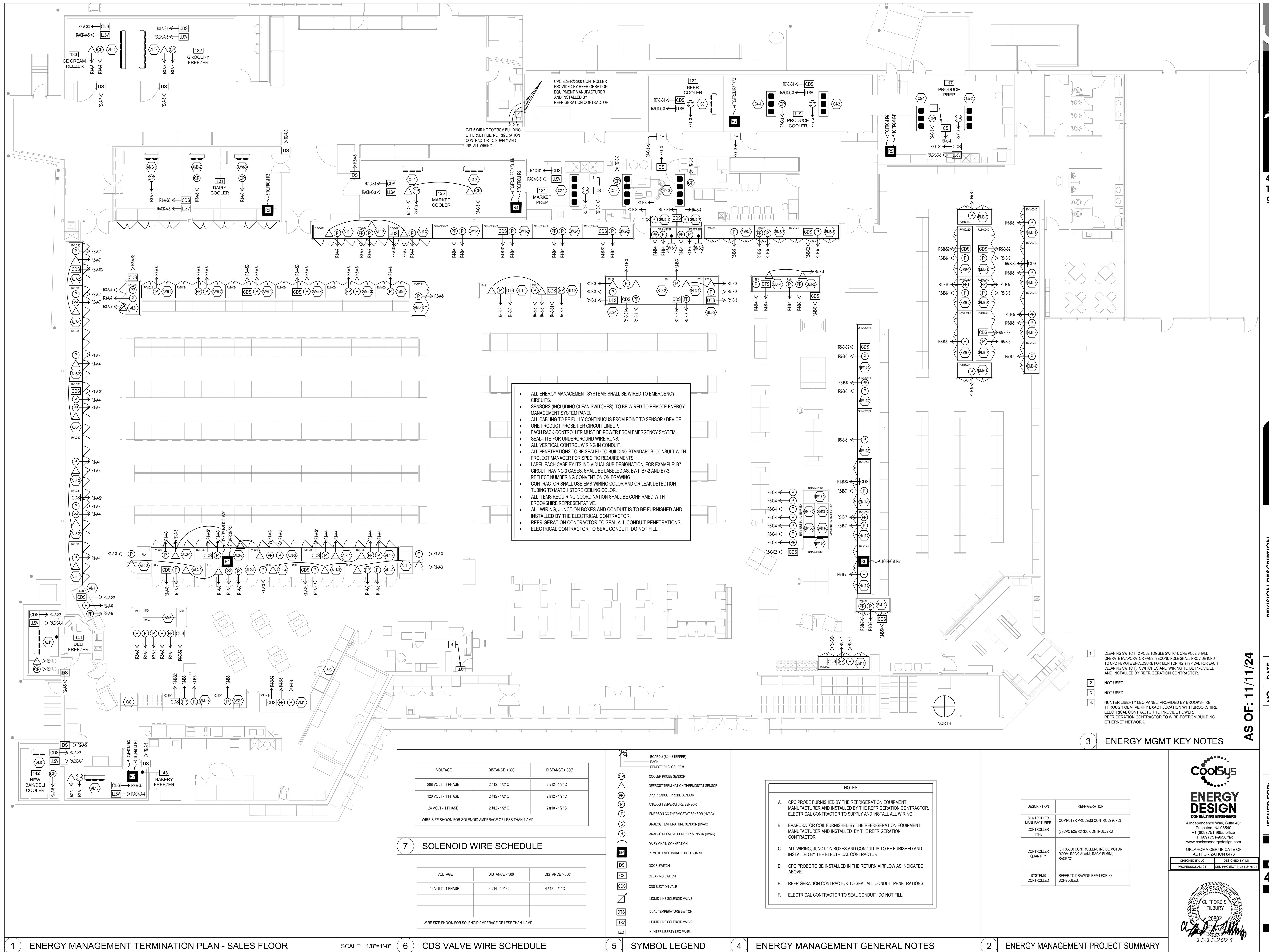
PIPE TAG	PIPING				INSULATION	
	SUCTION		LIQUID	ESTIMATED TOTAL LENGTH**	INSULATION THICKNESS	
	HORIZONTAL	VERTICAL*			SUCTION	LIQUID
LOOP C						
LOOP 1C	3 1/8	1 5/8 & 1 5/8	1 1/8	25	1"	1"
LOOP 2C	1 5/8	1 3/8	7/8	15	1"	1"
C2-3	7/8	7/8	1/2	6	1"	1"
LOOP 3C	1 3/8	1 1/8*	5/8	13	1"	1"
C2-2	7/8	7/8	1/2	6	1"	1"
C2-1	7/8	7/8	1/2	18	1"	1"
LOOP 4C	2 5/8	2 1/8*	7/8	14	1"	1"
LOOP 5C	1 1/8	7/8	1/2	76	1"	1"
C1-1	7/8	5/8	1/2	13	1"	1"
C1-2	7/8	5/8	1/2	13	1"	1"
LOOP 6C	2 1/8	1 5/8*	7/8	2	1"	1"
C3	7/8	5/8	7/8	18	1"	1"
LOOP 7C	2 1/8	1 5/8*	7/8	18	1"	1"
LOOP 8C	1 1/8	7/8	1/2	14	1"	1"
C4-1	5/8	5/8	1/2	12	1"	1"
C4-2	5/8	5/8	1/2	12	1"	1"
LOOP 9C	1 3/8	1 3/8	5/8	46	1"	1"
C5-1	1 1/8	7/8	1/2	11	1"	1"
C5-2	1 1/8	7/8	1/2	11	1"	1"

* RISER SIZE IS SHOWN EVEN WHERE A RISER IS NOT EXPECTED. THIS IS FOR REFERENCE ONLY AND TO BE USED IN THE EVENT THAT A PIPING CONFLICT CAUSES THE NEED FOR A RISER. IF RISER LENGTH EXCEEDS 4 FEET, IT MUST BE APPROVED BY ENGINEER OF RECORD.

**ESTIMATED TOTAL LENGTH INCLUDES HORIZONTAL AND VERTICAL PIPE SECTIONS. THIS IS ONLY AN ESTIMATE AND ACTUAL LENGTH WILL VARY.

TWO LISTED SIZES INDICATES A VERTICAL SUCTION DOUBLE RISER.

BGC #906 LANGLEY, OK - Jan 10, 2024



- ALL ENERGY MANAGEMENT SYSTEMS SHALL BE WIRED TO EMERGENCY CIRCUITS.
- SENSORS (INCLUDING CLEAN SWITCHES) TO BE WIRED TO REMOTE ENERGY MANAGEMENT SYSTEM PANEL.
- ALL CABLING TO BE FULLY CONTINUOUS FROM POINT TO SENSOR / DEVICE.
- ONE PRODUCT PROBE PER CIRCUIT LINEUP.
- EACH RACK CONTROLLER MUST BE POWER FROM EMERGENCY SYSTEM.
- SEAL-TITE FOR UNDERGROUND WIRE RUNS.
- ALL VERTICAL CONTROL WIRING IN CONDUIT.
- ALL PENETRATIONS TO BE SEALED TO BUILDING STANDARDS. CONSULT WITH PROJECT MANAGER FOR SPECIFIC REQUIREMENTS.
- LABEL EACH CASE BY ITS INDIVIDUAL SUB-DESIGNATION. FOR EXAMPLE: B7 CIRCUIT HAVING 3 CASES, SHALL BE LABELED AS: B7-1, B7-2 AND B7-3. REFLECT NUMBERING CONVENTION ON DRAWING.
- CONTRACTOR SHALL USE EMS WIRING COLOR AND OR LEAK DETECTION TUBING TO MATCH STORE CEILING COLOR.
- ALL ITEMS REQUIRING COORDINATION SHALL BE CONFIRMED WITH BROOKSHIRE REPRESENTATIVE.
- ALL WIRING, JUNCTION BOXES AND CONDUIT IS TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- REFRIGERATION CONTRACTOR TO SEAL ALL CONDUIT PENETRATIONS.
- ELECTRICAL CONTRACTOR TO SEAL CONDUIT. DO NOT FILL.

VOLTAGE	DISTANCE < 300'	DISTANCE > 300'
208 VOLT - 1 PHASE	2 #12 - 1/2" C	2 #12 - 1/2" C
120 VOLT - 1 PHASE	2 #12 - 1/2" C	2 #12 - 1/2" C
24 VOLT - 1 PHASE	2 #12 - 1/2" C	2 #10 - 1/2" C

WIRE SIZE SHOWN FOR SOLENOID AMPERAGE OF LESS THAN 1 AMP

VOLTAGE	DISTANCE < 300'	DISTANCE > 300'
12 VOLT - 1 PHASE	4 #14 - 1/2" C	4 #12 - 1/2" C

WIRE SIZE SHOWN FOR SOLENOID AMPERAGE OF LESS THAN 1 AMP

- BOARD # (S# + STEPPER)
RACK
REMOTE ENCLOSURE #
- CP COOLER PROBE SENSOR
 - DT DEFROST TERMINATION THERMOSTAT SENSOR
 - PP CPC PRODUCT PROBE SENSOR
 - AT ANALOG TEMPERATURE SENSOR
 - EM EMERSON CC THERMOSTAT SENSOR (HVAC)
 - AV ANALOG TEMPERATURE SENSOR (HVAC)
 - HR ANALOG RELATIVE HUMIDITY SENSOR (HVAC)
 - DC DASHY CHAIN CONNECTION
 - RE REMOTE ENCLOSURE FOR IO BOARD
 - DS DOOR SWITCH
 - CS CLEANING SWITCH
 - CDS CDS SUCTION VALE
 - LV LIQUID LINE SOLENOID VALVE
 - DTS DUAL TEMPERATURE SWITCH
 - LSV LIQUID LINE SOLENOID VALVE
 - LEO HUNTER LIBERTY LEO PANEL

- NOTES
- CPC PROBE FURNISHED BY THE REFRIGERATION EQUIPMENT MANUFACTURER AND INSTALLED BY THE REFRIGERATION CONTRACTOR. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL ALL WIRING.
 - EVAPORATOR COIL FURNISHED BY THE REFRIGERATION EQUIPMENT MANUFACTURER AND INSTALLED BY THE REFRIGERATION CONTRACTOR.
 - ALL WIRING, JUNCTION BOXES AND CONDUIT IS TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
 - CPC PROBE TO BE INSTALLED IN THE RETURN AIRFLOW AS INDICATED ABOVE.
 - REFRIGERATION CONTRACTOR TO SEAL ALL CONDUIT PENETRATIONS.
 - ELECTRICAL CONTRACTOR TO SEAL CONDUIT. DO NOT FILL.

DESCRIPTION	REFRIGERATION
CONTROLLER MANUFACTURER	COMPUTER PROCESS CONTROLS (CPC)
CONTROLLER TYPE	(3) CPC EZE RX-300 CONTROLLERS
CONTROLLER QUANTITY	(3) RX-300 CONTROLLERS INSIDE MOTOR ROOM: RACK 'A' AM, RACK 'B' BM, RACK 'C' CM
SYSTEMS CONTROLLED	REFER TO DRAWING REM FOR IO SCHEDULES.

- ENERGY MGMT KEY NOTES
- CLEANING SWITCH - 2 POLE TOGGLE SWITCH. ONE POLE SHALL OPERATE EVAPORATOR FANS. SECOND POLE SHALL PROVIDE INPUT TO CPC REMOTE ENCLOSURE FOR MONITORING. TYPICAL FOR EACH CLEANING SWITCH. SWITCHES AND WIRING TO BE PROVIDED AND INSTALLED BY REFRIGERATION CONTRACTOR.
 - NOT USED.
 - NOT USED.
 - HUNTER LIBERTY LEO PANEL, PROVIDED BY BROOKSHIRE THROUGH OEM. VERIFY EXACT LOCATION WITH BROOKSHIRE. ELECTRICAL CONTRACTOR TO PROVIDE POWER. REFRIGERATION CONTRACTOR TO WIRE TO/FROM BUILDING ETHERNET NETWORK.

1 ENERGY MANAGEMENT TERMINATION PLAN - SALES FLOOR

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

7 SOLENOID WIRE SCHEDULE

5 SYMBOL LEGEND

4 ENERGY MANAGEMENT GENERAL NOTES

2 ENERGY MANAGEMENT PROJECT SUMMARY

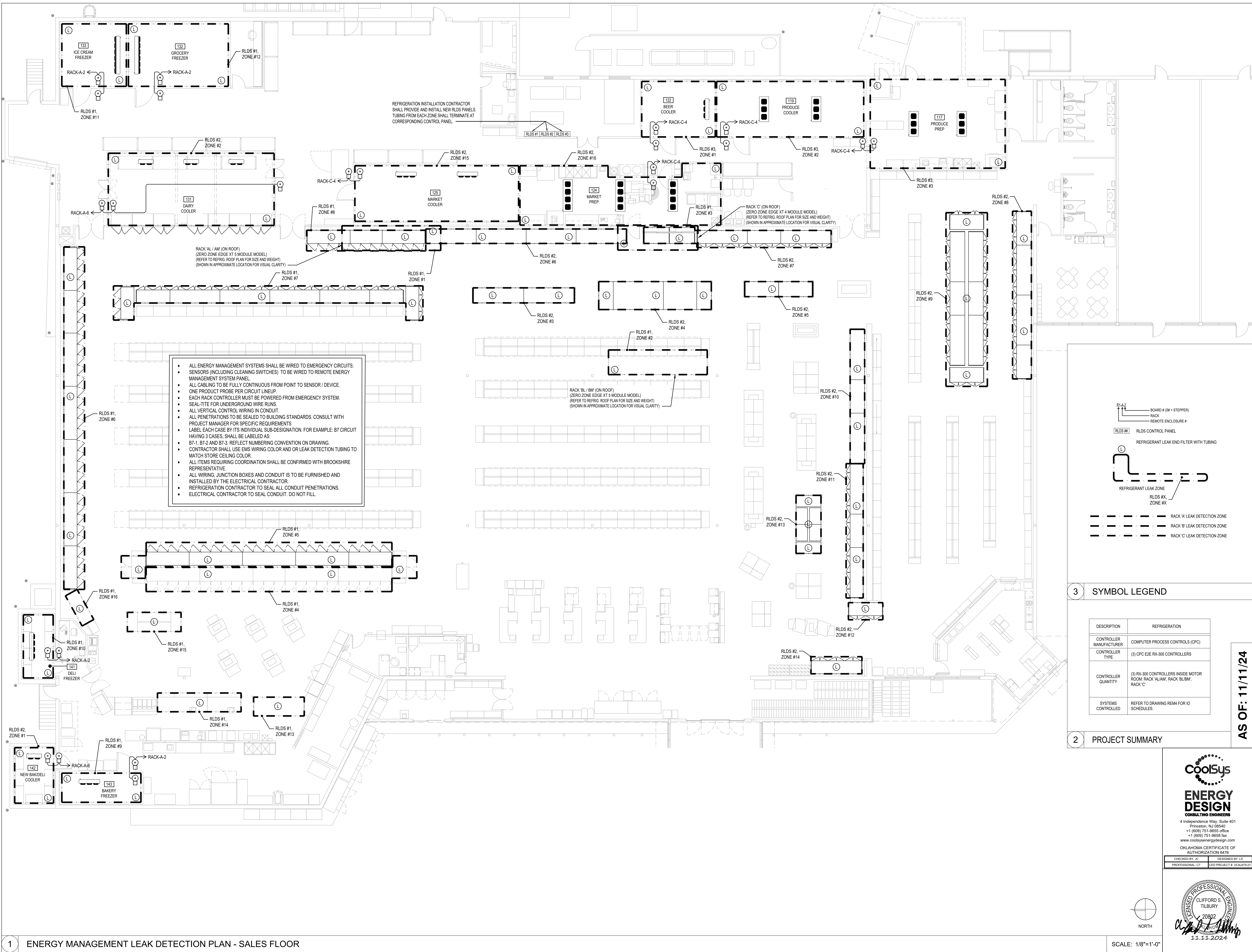
NO.	DATE	REVISION DESCRIPTION
1	11/11/24	REVISION 1

ISSUED FOR:

<input type="checkbox"/> PRELIMINARY	<input type="checkbox"/> REVIEW	<input type="checkbox"/> PERMIT	<input type="checkbox"/> BIDDING	<input type="checkbox"/> CONSTRUCTION
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DATE

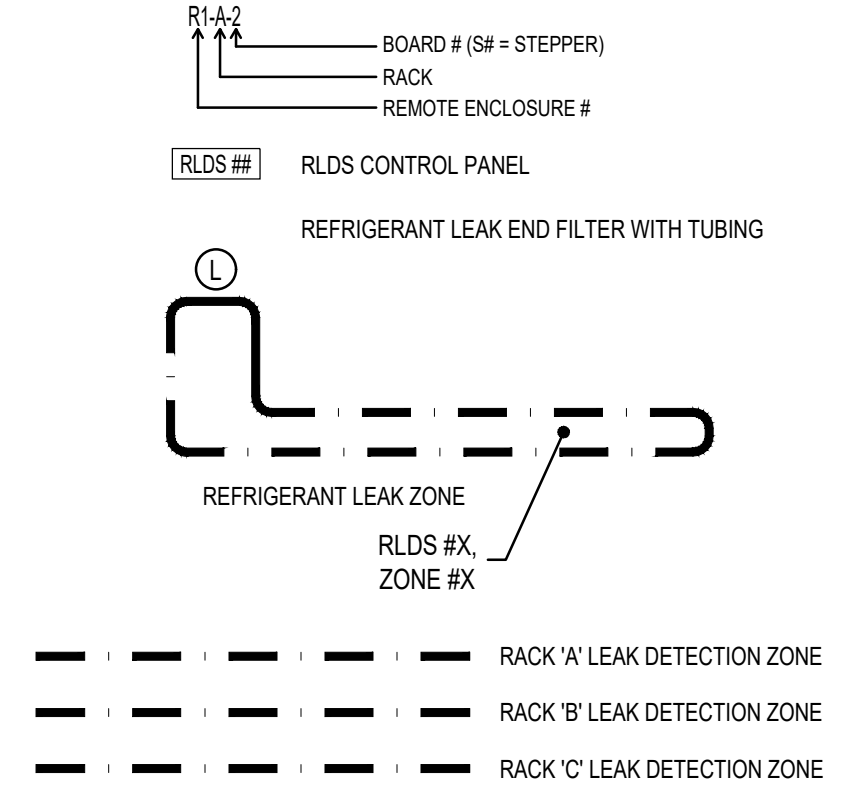
CoolSys
ENERGY DESIGN
CONSULTING ENGINEERS
4 Independence Way, Suite 401
Princeton, NJ 08540
+1 (609) 751-9656 office
+1 (609) 751-9656 fax
www.coolsysenergydesign.com
OKLAHOMA CERTIFICATE OF AUTHORIZATION 8476
DESIGNED BY: LS
CHECKED BY: JC
PROFESSIONAL: CT
CDD PROJECT # 23-24475-01
11.11.2024



REFRIGERATION INSTALLATION CONTRACTOR SHALL PROVIDE AND INSTALL NEW RLD'S PANELS. TUBING FROM EACH ZONE SHALL TERMINATE AT CORRESPONDING CONTROL PANEL.

REFRIGERATION CONTRACTOR TO SEAL ALL CONDUIT PENETRATIONS. ELECTRICAL CONTRACTOR TO SEAL CONDUIT. DO NOT FILL.

- ALL ENERGY MANAGEMENT SYSTEMS SHALL BE WIRED TO EMERGENCY CIRCUITS.
- SENSORS (INCLUDING CLEANING SWITCHES) TO BE WIRED TO REMOTE ENERGY MANAGEMENT SYSTEM PANEL.
- ALL CABLING TO BE FULLY CONTINUOUS FROM POINT TO SENSOR / DEVICE.
- ONE PRODUCT PROBE PER CIRCUIT LINEUP.
- EACH RACK CONTROLLER MUST BE POWERED FROM EMERGENCY SYSTEM.
- SEAL-TITE FOR UNDERGROUND WIRE RUNS.
- ALL VERTICAL CONTROL WIRING IN CONDUIT.
- ALL PENETRATIONS TO BE SEALED TO BUILDING STANDARDS. CONSULT WITH PROJECT MANAGER FOR SPECIFIC REQUIREMENTS.
- LABEL EACH CASE BY ITS INDIVIDUAL SUB-DESIGNATION. FOR EXAMPLE: B7 CIRCUIT HAVING 3 CASES, SHALL BE LABELED AS:
 - B7-1, B7-2 AND B7-3. REFLECT NUMBERING CONVENTION ON DRAWING.
- CONTRACTOR SHALL USE EMS WIRING COLOR AND OR LEAK DETECTION TUBING TO MATCH STORE CEILING COLOR.
- ALL ITEMS REQUIRING COORDINATION SHALL BE CONFIRMED WITH BROOKSHIRE REPRESENTATIVE.
- ALL WIRING, JUNCTION BOXES AND CONDUIT IS TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- REFRIGERATION CONTRACTOR TO SEAL ALL CONDUIT PENETRATIONS.
- ELECTRICAL CONTRACTOR TO SEAL CONDUIT. DO NOT FILL.



3 SYMBOL LEGEND

DESCRIPTION	REFRIGERATION
CONTROLLER MANUFACTURER	COMPUTER PROCESS CONTROLS (CPC)
CONTROLLER TYPE	(3) CPC EZE RX-300 CONTROLLERS
CONTROLLER QUANTITY	(3) RX-300 CONTROLLERS INSIDE MOTOR ROOM: RACK 'A'/'AM', RACK 'B'/'BM', RACK 'C'
SYSTEMS CONTROLLED	REFER TO DRAWING REM4 FOR IO SCHEDULES.

2 PROJECT SUMMARY

CoolSys
ENERGY DESIGN
 CONSULTING ENGINEERS
 4 Independence Way, Suite 401
 Princeton, NJ 08540
 +1 (609) 751-9656 office
 +1 (609) 751-9656 fax
 www.coolsysenergydesign.com
 OKLAHOMA CERTIFICATE OF AUTHORIZATION 8476

CHECKED BY: J.S. DESIGNED BY: L.S.
 PROFESSIONAL: C.T. CED PROJECT #: 23-04475-01

CLIFFORD S. TILBURY
 20802
 11-11-2024

BCC fs
BROOKSHIRE
 GROCERY COMPANY
 facility services

430 E. Front St.
 Tyler, TX 75702
 903-579-0500

39,756 SF
#906
 LANGLEY, OK

REMODEL
Reason's
 1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
1	11/11/24	REVISION 1

AS OF: 11/11/24

ENERGY MANAGEMENT LEAK DETECTION PLAN

ISSUED FOR:
 PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE: **09/28**

PROJECT NO.: **4090600-0**

STORE NO.: **906**

SHEET NO.: **REM3**

1 ENERGY MANAGEMENT LEAK DETECTION PLAN - SALES FLOOR

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

CoolSys
ENERGY DESIGN
CONSULTING ENGINEERS
4 Independence Way, Suite 401
Princeton, NJ 08540
+1 (609) 751-9656 office
+1 (609) 751-9658 fax
www.coolsysenergydesign.com
OKLAHOMA CERTIFICATE OF AUTHORIZATION 8476

CHECKED BY: JC DESIGNED BY: LS
PROFESSIONAL CT CED PROJECT # 23A0475-01

PROFESSIONAL ENGINEER
CLIFFORD S. TILBURY
20802
11-1-2024

AS OF: 11/11/24

INPUT/OUTPUT POINTS - SYSTEM 'A'																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
FACTORY INSTALLED ON RACK 'A'					FIELD INSTALLED FROZEN FOOD CASES AT FRONT OF STORE - REMOTE ENCLOSURE 'R1'					FIELD INSTALLED ABOVE BAKERY FREEZER AL10 - REMOTE ENCLOSURE 'R2'																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
CPC MULTITEX 168-640 BOARD ADDRESS: 01					CPC MULTITEX 168 BOARD ADDRESS: 02					CPC MULTITEX 168 BOARD ADDRESS: 03					CPC MULTITEX 168 BOARD ADDRESS: 04					CPC MULTITEX 168 BOARD ADDRESS: 05					CPC MULTITEX 168 BOARD ADDRESS: 06					CPC MULTITEX 168 BOARD ADDRESS: 07					CPC MULTITEX 168 BOARD ADDRESS: 08					CPC MULTITEX 168 BOARD ADDRESS: 09					CPC MULTITEX 168 BOARD ADDRESS: 10					CPC MULTITEX 168 BOARD ADDRESS: 11					CPC MULTITEX 168 BOARD ADDRESS: 12					CPC MULTITEX 168 BOARD ADDRESS: 13					CPC MULTITEX 168 BOARD ADDRESS: 14					CPC MULTITEX 168 BOARD ADDRESS: 15					CPC MULTITEX 168 BOARD ADDRESS: 16					CPC MULTITEX 168 BOARD ADDRESS: 17					CPC MULTITEX 168 BOARD ADDRESS: 18					CPC MULTITEX 168 BOARD ADDRESS: 19					CPC MULTITEX 168 BOARD ADDRESS: 20					CPC MULTITEX 168 BOARD ADDRESS: 21					CPC MULTITEX 168 BOARD ADDRESS: 22					CPC MULTITEX 168 BOARD ADDRESS: 23					CPC MULTITEX 168 BOARD ADDRESS: 24					CPC MULTITEX 168 BOARD ADDRESS: 25					CPC MULTITEX 168 BOARD ADDRESS: 26					CPC MULTITEX 168 BOARD ADDRESS: 27					CPC MULTITEX 168 BOARD ADDRESS: 28					CPC MULTITEX 168 BOARD ADDRESS: 29					CPC MULTITEX 168 BOARD ADDRESS: 30					CPC MULTITEX 168 BOARD ADDRESS: 31					CPC MULTITEX 168 BOARD ADDRESS: 32					CPC MULTITEX 168 BOARD ADDRESS: 33					CPC MULTITEX 168 BOARD ADDRESS: 34					CPC MULTITEX 168 BOARD ADDRESS: 35					CPC MULTITEX 168 BOARD ADDRESS: 36					CPC MULTITEX 168 BOARD ADDRESS: 37					CPC MULTITEX 168 BOARD ADDRESS: 38					CPC MULTITEX 168 BOARD ADDRESS: 39					CPC MULTITEX 168 BOARD ADDRESS: 40					CPC MULTITEX 168 BOARD ADDRESS: 41					CPC MULTITEX 168 BOARD ADDRESS: 42					CPC MULTITEX 168 BOARD ADDRESS: 43					CPC MULTITEX 168 BOARD ADDRESS: 44					CPC MULTITEX 168 BOARD ADDRESS: 45					CPC MULTITEX 168 BOARD ADDRESS: 46					CPC MULTITEX 168 BOARD ADDRESS: 47					CPC MULTITEX 168 BOARD ADDRESS: 48					CPC MULTITEX 168 BOARD ADDRESS: 49					CPC MULTITEX 168 BOARD ADDRESS: 50					CPC MULTITEX 168 BOARD ADDRESS: 51					CPC MULTITEX 168 BOARD ADDRESS: 52					CPC MULTITEX 168 BOARD ADDRESS: 53					CPC MULTITEX 168 BOARD ADDRESS: 54					CPC MULTITEX 168 BOARD ADDRESS: 55					CPC MULTITEX 168 BOARD ADDRESS: 56					CPC MULTITEX 168 BOARD ADDRESS: 57					CPC MULTITEX 168 BOARD ADDRESS: 58					CPC MULTITEX 168 BOARD ADDRESS: 59					CPC MULTITEX 168 BOARD ADDRESS: 60					CPC MULTITEX 168 BOARD ADDRESS: 61					CPC MULTITEX 168 BOARD ADDRESS: 62					CPC MULTITEX 168 BOARD ADDRESS: 63					CPC MULTITEX 168 BOARD ADDRESS: 64					CPC MULTITEX 168 BOARD ADDRESS: 65					CPC MULTITEX 168 BOARD ADDRESS: 66					CPC MULTITEX 168 BOARD ADDRESS: 67					CPC MULTITEX 168 BOARD ADDRESS: 68					CPC MULTITEX 168 BOARD ADDRESS: 69					CPC MULTITEX 168 BOARD ADDRESS: 70					CPC MULTITEX 168 BOARD ADDRESS: 71					CPC MULTITEX 168 BOARD ADDRESS: 72					CPC MULTITEX 168 BOARD ADDRESS: 73					CPC MULTITEX 168 BOARD ADDRESS: 74					CPC MULTITEX 168 BOARD ADDRESS: 75					CPC MULTITEX 168 BOARD ADDRESS: 76					CPC MULTITEX 168 BOARD ADDRESS: 77					CPC MULTITEX 168 BOARD ADDRESS: 78					CPC MULTITEX 168 BOARD ADDRESS: 79					CPC MULTITEX 168 BOARD ADDRESS: 80					CPC MULTITEX 168 BOARD ADDRESS: 81					CPC MULTITEX 168 BOARD ADDRESS: 82					CPC MULTITEX 168 BOARD ADDRESS: 83					CPC MULTITEX 168 BOARD ADDRESS: 84					CPC MULTITEX 168 BOARD ADDRESS: 85					CPC MULTITEX 168 BOARD ADDRESS: 86					CPC MULTITEX 168 BOARD ADDRESS: 87					CPC MULTITEX 168 BOARD ADDRESS: 88					CPC MULTITEX 168 BOARD ADDRESS: 89					CPC MULTITEX 168 BOARD ADDRESS: 90					CPC MULTITEX 168 BOARD ADDRESS: 91					CPC MULTITEX 168 BOARD ADDRESS: 92					CPC MULTITEX 168 BOARD ADDRESS: 93					CPC MULTITEX 168 BOARD ADDRESS: 94					CPC MULTITEX 168 BOARD ADDRESS: 95					CPC MULTITEX 168 BOARD ADDRESS: 96					CPC MULTITEX 168 BOARD ADDRESS: 97					CPC MULTITEX 168 BOARD ADDRESS: 98					CPC MULTITEX 168 BOARD ADDRESS: 99					CPC MULTITEX 168 BOARD ADDRESS: 100				
INPUT/OUTPUT POINTS - SYSTEM 'B'										FACTORY INSTALLED ON RACK 'B'										FIELD INSTALLED ABOVE MARKET COOLER C1 - REMOTE ENCLOSURE 'R4'										FIELD INSTALLED ABOVE REACH-IN PRODUCE BM11 - REMOTE ENCLOSURE 'R6'										FIELD INSTALLED ABOVE PRODUCE COOLER C4 - REMOTE ENCLOSURE 'R7'																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
INPUT/OUTPUT POINTS - SYSTEM 'C'										FACTORY INSTALLED ON RACK 'C'										FIELD INSTALLED ABOVE PRODUCE PREP C5 - REMOTE ENCLOSURE 'R5'										FIELD INSTALLED ABOVE DAIRY COOLER AM8 - REMOTE ENCLOSURE 'R3'																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

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DESIGNED BY: LS
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PROFESSIONAL C.T. CED PROJECT # 23A0475-01

CIRCUIT #	APPLICATION	MANUFACTURER & MODEL NUMBER	MBH	TEMPERATURE SET POINTS				DEFROST TIME SCHEDULE																			
				LOWER LIMIT (F)	TARGET (F)	UPPER LIMIT (F)	FREQUENCY PER DAY	MAX DURATION (MIN)	TERMINATION TEMP (°F)	DRIP TIME (MIN)	TOTAL MAX DURATION (MIN)	DEFROST 1 START	DEFROST 1 END	DEFROST 2 START	DEFROST 2 END	DEFROST 3 START	DEFROST 3 END	DEFROST 4 START	DEFROST 4 END	DEFROST 5 START	DEFROST 5 END	DEFROST 6 START	DEFROST 6 END				
DISCHARGE AIR TEMPERATURE SETPOINTS AND DEFROST PARAMETERS REASORS #906 - LANGLEY, OK (AS OF JAN 9, 2024)																											
RACK 'A' SUCTION GROUP CIRCUITS - LT																											
AL1	REACH-IN FROZEN FOOD / ICE CREAM	HUSSMANN RLN	15.98	-14	-12	-10	1	45	48	3	48	0:00	0:48	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AL2	REACH-IN FROZEN FOOD / ICE CREAM	HUSSMANN RLN	12.78	-14	-12	-10	1	45	48	3	48	0:53	1:41	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AL3	REACH-IN FROZEN FOOD / ICE CREAM	ZERO ZONE RVL/C30	15.47	-14	-12	-10	1	40	55	3	43	1:48	2:29	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AL4	REACH-IN FROZEN FOOD / ICE CREAM	ZERO ZONE RVL/C30	9.95	-14	-12	-10	1	40	55	3	43	2:34	3:17	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AL5	REACH-IN FROZEN FOOD / ICE CREAM	ZERO ZONE RVL/C30	15.47	-14	-12	-10	1	40	55	3	43	3:22	4:05	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AL6	REACH-IN FROZEN FOOD / ICE CREAM	ZERO ZONE RVL/C30	11.05	-14	-12	-10	1	40	55	3	43	4:10	4:53	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AL7	REACH-IN FROZEN FOOD / ICE CREAM	ZERO ZONE RVL/C30	8.84	-14	-12	-10	1	40	55	3	43	4:58	5:41	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AL8	REACH-IN FROZEN FOOD / ICE CREAM	ZERO ZONE RVL/C30	3.32	-14	-12	-10	1	40	55	3	43	5:48	6:29	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AL9	REACH-IN FROZEN FOOD / ICE CREAM	ZERO ZONE RVL/C30	12.18	-14	-12	-10	1	40	55	3	43	6:41	7:17	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AL10	BAKERY FREEZER (143)	(1) RUSSELL RL4E110DDA	10.64	-4	-2	0	4	45	45	3	48	7:22	8:10	13:22	14:10	19:22	20:10	1:22	2:10	---	---	---	---	---	---	---	---
AL11	DELI FREEZER (141)	(1) RUSSELL RL4E125DDA	11.80	-4	-2	0	4	45	45	3	48	8:15	9:03	14:15	15:03	20:15	21:03	2:15	3:03	---	---	---	---	---	---	---	---
AL12	ICE CREAM FREEZER (133)	(1) RUSSELL RL4E196DDA	21.93	-12	-10	-8	4	45	45	3	48	9:08	9:56	15:08	15:56	21:08	21:56	3:08	3:56	---	---	---	---	---	---	---	---
AL13	GROCERY FREEZER (130)	(1) RUSSELL RL4E230EVA	22.55	-4	-2	0	4	45	45	3	48	10:01	10:49	16:01	16:49	22:01	22:49	4:01	4:49	---	---	---	---	---	---	---	---
RACK 'A' SUCTION GROUP CIRCUITS - MT																											
AM1	SERVICE BAKERY	HUSSMANN VR3-B	9.60	30	32	34	4	30	45	0	30	0:00	0:30	6:00	6:30	12:00	12:30	18:00	18:30	---	---	---	---	---	---	---	---
AM2	SERVICE DELI	HUSSMANN Q30V	7.80	32	34	36	3	40	45	0	40	0:35	1:15	8:35	9:15	16:35	17:15	---	---	---	---	---	---	---	---	---	---
AM3	DELI ISLAND	HUSSMANN R44	19.20	33	35	37	6	20	48	0	20	1:20	1:40	5:20	5:40	9:20	9:40	13:20	13:40	17:20	17:40	21:20	21:40	---	---	---	---
AM4	MULTI-DECK DELI	HUSSMANN IDGNJ	11.04	31	33	35	6	20	48	0	20	1:45	2:05	5:45	6:05	9:45	10:05	13:45	14:05	17:45	18:05	21:45	22:05	---	---	---	---
AM5	REACH-IN DAIRY DOORS	ZERO ZONE RVL/C24	8.50	31	33	35	3	45	N/A	0	45	2:10	2:55	10:10	10:55	18:10	18:55	---	---	---	---	---	---	---	---	---	---
AM6	REACH-IN DAIRY DOORS	ZERO ZONE RVL/C24	6.80	31	33	35	3	45	N/A	0	45	3:00	3:45	11:00	11:45	19:00	19:45	---	---	---	---	---	---	---	---	---	---
AM7	BAKERY / DELI COOLER (142)	(1) RUSSELL RL6A04ADA	11.01	33	35	37	3	45	45	0	45	3:50	4:35	11:50	12:35	19:50	20:35	---	---	---	---	---	---	---	---	---	---
AM8	DAIRY COOLER (131)	(1) RUSSELL RL6A13ADA	42.35	33	35	37	3	45	45	0	45	4:40	5:25	12:40	13:25	20:40	21:25	---	---	---	---	---	---	---	---	---	---
RACK 'B' SUCTION GROUP CIRCUITS - LT																											
BL1	1/2 DUAL TEMP MARKET ISLAND	HUSSMANN FNG	11.04	-14	-12	-10	1	60	48	0	60	0:00	1:00	---	---	---	---	---	---	---	---	---	---	---	---	---	---
BL2	1/2 DUAL TEMP MARKET ISLAND	HUSSMANN - FNG / FWEG	9.68	-14	-12	-10	1	60	48	0	60	1:05	2:05	---	---	---	---	---	---	---	---	---	---	---	---	---	---
BL3	1/2 DUAL TEMP MARKET ISLAND	HUSSMANN - FNG / FWEG	7.29	-14	-12	-10	1	60	48	0	60	2:10	3:10	---	---	---	---	---	---	---	---	---	---	---	---	---	---
BL4	1/2 DUAL TEMP MARKET ISLAND	HUSSMANN FNG	7.36	-14	-12	-10	1	60	48	0	60	3:15	4:15	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RACK 'B' SUCTION GROUP CIRCUITS - MT																											
BM1	MULTI-DECK FRESH MEAT	ZERO ZONE - ORM75-MX	32.75	31	33	35	6	30	N/A	0	30	0:00	0:30	4:00	4:30	8:00	8:30	12:00	12:30	16:00	16:30	20:00	20:30	---	---	---	---
BM2	MULTI-DECK FRESH MEAT	ZERO ZONE - ORM75-MX	32.75	31	33	35	6	30	N/A	0	30	0:35	1:05	4:35	5:05	8:35	9:05	12:35	13:05	16:35	17:05	20:35	21:05	---	---	---	---
BM3	FRONT SIDE OF SERVICE MARKET CASES	HUSSMANN VR3-MF-EP	2.76	32	34	36	4	48	N/A	0	48	1:10	1:58	7:10	7:58	13:10	13:58	19:10	19:58	---	---	---	---	---	---	---	---
BM4	TOP SIDE OF SERVICE MARKET CASES	HUSSMANN VR3-MF-EP	6.99	32	34	36	4	45	N/A	0	45	2:03	2:48	8:03	8:48	14:03	14:48	20:03	20:48	---	---	---	---	---	---	---	---
BM5	REACH-IN CURED MEAT DOORS	ZERO ZONE RVL/C24	6.80	31	33	35	3	45	N/A	0	45	2:53	3:38	10:53	11:38	18:53	19:38	---	---	---	---	---	---	---	---	---	---
BM6	REACH-IN BEER	ZERO ZONE RVL/C24D	6.50	31	33	35	3	45	N/A	0	45	3:43	4:29	11:43	12:29	19:43	20:29	---	---	---	---	---	---	---	---	---	---
BM7	REACH-IN BEER	ZERO ZONE RVL/C24D	5.95	31	33	35	3	45	N/A	0	45	4:33	5:18	12:33	13:18	20:33	21:18	---	---	---	---	---	---	---	---	---	---
BM8	REACH-IN BEER	ZERO ZONE RVL/C24	4.25	31	33	35	3	45	N/A	0	45	5:23	6:08	13:23	14:08	21:23	22:08	---	---	---	---	---	---	---	---	---	---
BM9	REACH-IN BEER	ZERO ZONE RVL/C24D	6.80	31	33	35	3	45	N/A	0	45	6:13	6:58	14:13	14:58	22:13	22:58	---	---	---	---	---	---	---	---	---	---
BM10	MULTI-DECK PRODUCE	ZERO ZONE RVL/C24	42.80	34	36	38	3	45	N/A	0	30	7:03	7:53	13:03	13:53	21:03	21:53	---	---	---	---	---	---	---	---	---	---
BM11	REACH-IN PRODUCE DOORS	ZERO ZONE RVL/C24	6.80	31	33	35	3	45	N/A	0	45	7:38	8:23	15:38	16:23	23:38	24:23	---	---	---	---	---	---	---	---	---	---
BM12	REACH-IN PRODUCE DOORS	ZERO ZONE RVL/C24	1.70	31	33	35	3	45	N/A	0	45	8:28	9:13	16:28	17:13	24:28	25:13	---	---	---	---	---	---	---	---	---	---
BM13	MULTI-DECK DAIRY WITH ENDS	STRUCT. COOL - NM858SSRV & NM725SSRV	31.24	28	30	32	6	30	N/A	0	30	9:18	9:48	13:18	13:48	17:18	17:48	21:18	21:48	1:18	1:48	5:18	5:48	---	---	---	---
BM14	REACH-IN FLORAL DOORS	ZERO ZONE RVL/C24	2.55	31	33	35	3	45	N/A	0	45	9:53	10:38	17:53	18:38	25:53	26:38	---	---	---	---	---	---	---	---	---	---
RACK 'C' COOLER GROUP CIRCUITS																											
C1	MARKET COOLER (125)	(2) RUSSELL RL4E142DDA	25.82	28	28	30	3	45	45	3	48	0:00	0:48	8:00	8:48	16:00	16:48	---	---	---	---	---	---	---	---	---	---
C2	MARKET PREP (124)	(3) RUSSELL RVL4E170ADA	54.83	38	40	42	3	45	45	0	45	0:53	1:38	8:53	9:38	16:53	17:38	---	---	---	---	---	---	---	---	---	---
C3	BEER COOLER (122)	(1) RUSSELL RL4E142DA	14.86	34	36	38	3	45	45	0	45	1:43	2:28	9:43	10:28	17:43	18:28	---	---	---	---	---	---	---	---	---	---
C4	PRODUCE COOLER (119)	(3) RUSSELL RVL4E128ADA	23.34	34	36	38	3	45	45	0	45	2:33	3:18	10:33	11:18	18:33	19:18	---	---	---	---	---	---	---	---	---	---
C5	PRODUCE PREP (117)	(3) RUSSELL RVL4E128ADA	46.69	48	50	52	3	45	45	0	45	3:23	4:08	11:23	12:08	19:23	20:08	---	---	---	---	---	---	---	---	---	---
NOTICE AND/OR ONLY WHEN CASE TEMPERATURE IS 5°F ABOVE SET POINT ESTABLISHED IN THIS TABLE FOR 30 MINUTES. HIGH TEMP ALARM ONLY WHEN CASE TEMPERATURE IS 10°F ABOVE SET POINT ESTABLISHED IN THIS TABLE FOR 120 MINUTES. LOW TEMP ALARM ONLY WHEN CASE TEMPERATURE IS 5°F BELOW SET POINT ESTABLISHED IN THIS TABLE FOR 120 MINUTES.																											

CIRCUIT #	APPLICATION	MANUFACTURER & MODEL NUMBER	MBH	TEMPERATURE SET POINTS				DEFROST TIME SCHEDULE											
				LOWER LIMIT (F)	TARGET (F)	UPPER LIMIT (F)	FREQUENCY PER DAY	MAX DURATION (MIN)	TERMINATION TEMP (°F)	DRIP TIME (MIN)	TOTAL MAX DURATION (MIN)	DEFROST 1 START	DEFROST 1 END	DEFROST 2 START	DEFROST 2 END	DEFROST 3 START	DEFROST 3 END	DEFROST 4 START	DEFROST

GENERAL STRUCTURAL NOTES

GENERAL NOTES

- THESE DRAWINGS SHALL BE FULLY COORDINATED WITH STRUCTURAL CONSTRUCTION DOCUMENTS DEVELOPED BY CORE STATES, INC. (CSI). CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD IF ANY DISCREPANCIES ARE NOTED.
- CONTRACTOR IS RESPONSIBLE FOR AND SHALL VERIFY AND COORDINATE ALL DIMENSIONS AND DETAILS BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND ENGINEERS.
- DETAILS SHOWN IN ANY SECTION APPLY TO ALL SIMILAR SECTIONS AND CONDITIONS UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL FULLY BRACE AND OTHERWISE PROTECT ALL WORK IN PROGRESS UNTIL THE BUILDING IS COMPLETED.
- THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS AND THE ARCHITECTURAL AND MECHANICAL DRAWINGS. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ARCHITECT PRIOR TO PERFORMING WORK, IN CASE OF CONFLICT THE MOST STRINGENT CONDITION SHALL APPLY.
- ALL DIMENSIONS MUST BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND WITH EQUIPMENT MANUFACTURER (I.E. WINDOW, DOOR, AIR HANDLER, ETC.). CONTRACTOR MUST OBTAIN AN ARCHITECTURAL DIRECTIVE IN CASE OF ANY CONFLICT. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN IN STRUCTURAL DRAWINGS.
- DO NOT SCALE OFF DRAWINGS.

GOVERNING BUILDING CODE: THE 2015 INTERNATIONAL BUILDING CODE

1. RISK CATEGORY	= II
2. MINIMUM FIRST FLOOR LIVE LOADS:	
A. UNIFORM LIVE LOAD	= 100 PSF
B. CONCENTRATED LIVE LOAD	= 4000 LB
C. IMPACT LOAD	= N/A
D. LIVE LOAD REDUCTION	= N/A
3. ROOF DEAD LOAD	= 25 PSF
4. MINIMUM ROOF LIVE LOAD	= 20 PSF
5. ROOF SNOW DATA:	
A. SNOW IMPORTANCE FACTOR, Is	= 1.00
B. GROUND SNOW LOAD, Pg	= 15 PSF
C. FLAT ROOF SNOW LOAD, P _f	= 10 PSF
D. SNOW EXPOSURE FACTOR, Ce	= 1.0
E. THERMAL FACTOR, Ct	= 1.0
F. DRIFT LOAD DATA INDICATED ON ROOF FRAMING PLAN	
6. WIND DESIGN DATA:	
A. WIND IMPORTANCE FACTOR, Iw	= 1.0
B. ULTIMATE DESIGN WIND SPEED (3 SECOND GUST), Vult	= 115 MPH
C. NOMINAL DESIGN WIND SPEED, Vref	= 90 MPH
D. WIND EXPOSURE CATEGORY	= C
E. INTERNAL PRESSURE COEFFICIENTS	= ±0.18
F. WIND DESIGN PRESSURES PER ASCE 7-10	
7. SEISMIC DESIGN DATA:	
A. SEISMIC IMPORTANCE FACTOR, Ie	= 1.00
B. MAPPED SPECTRAL RESPONSE COEFFICIENTS	
S1	= 0.013
S2	= 0.076
C. SITE CLASS	= D (ASSUMED)
D. DESIGN SPECTRAL RESPONSE COEFFICIENTS	
SDS	= 0.139
SD1	= 0.122
SD2	= 0.122
E. SEISMIC DESIGN CATEGORY	= B
F. STEEL ORDINARY CONCENTRICALLY BRACED FRAMES	(R = 3.25)
8. FOUNDATION DESIGN DATA:	
A. ALLOWABLE BEARING PRESSURE	= 2500 PSF
B. MINIMUM FOUNDATION DEPTH	= 24"
9. FLOOD DESIGN DATA:	N/A
10. SPECIAL LOADS:	N/A

FOUNDATIONS

- FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT BY REED ENGINEERING GROUP, REPORT NO. 252922.DAT, JANUARY 28, 2024.
- ALL SUBGRADE SHALL BE TESTED AND BEARING VALUE VERIFIED BY A GEOTECHNICAL ENGINEER OR TESTING LABORATORY.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OR ENGINEER OF RECORD IMMEDIATELY IN THE EVENT THAT THE SOIL CONDITIONS ENCOUNTERED VARY FROM THOSE SHOWN ON THE BORING LOGS.
- ALL EXTERIOR FOOTINGS SHALL EXTEND BELOW THE MAXIMUM ANTICIPATED DEPTH OF FROST.
- ANY FILL REQUIRED BELOW SLABS-ON-GRADE OR FOOTINGS SHALL BE COMPACTED AS REQUIRED BY THE GEOTECHNICAL REPORT.
- ALL FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUSTAINING AN ALLOWABLE BEARING PRESSURE AS NOTED ABOVE FOR FOOTINGS UNDER FULL SERVICE DEAD AND LIVE LOADS.
- ALL BEARING MATERIAL SHALL BE INSPECTED BY THE INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT. THE INDEPENDENT TESTING AGENCY SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL. FOOTING ELEVATIONS SHALL BE ADJUSTED AS REQUIRED.
- THE TOP OF EXTERIOR FOOTING ELEVATION SHALL BE SET A MINIMUM OF 8" BELOW LOWEST FINAL ADJACENT EXTERIOR GRADE AND A MINIMUM OF 8" BELOW FINISH FLOOR. THE BOTTOM OF EXTERIOR FOOTINGS SHALL BEAR AT MINIMUM BEARING DEPTH BELOW LOWEST FINAL ADJACENT EXTERIOR GRADE.
- FINAL ADJACENT GRADE IS DEFINED AS THE LOWEST ADJACENT GRADE WITHIN 5 FEET OF THE FOUNDATION FOR PERIMETER (OR EXTERIOR) FOOTINGS AND FINISHED FLOOR LEVEL FOR INTERIOR FOOTINGS.
- VERIFY THE USE AND EXTENT OF PERIMETER INSULATION WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE INSTALLATION OF FOUNDATIONS. INSTALL PERIMETER INSULATION AS REQUIRED.
- STANDARD PROCEDURES OF FROST PROTECTION FOR FOUNDATIONS AND EXCAVATIONS SHALL BE EMPLOYED FOR WINTER CONSTRUCTION. BACK FILLING OF EXCAVATIONS SHALL BE DONE AS SOON AS POSSIBLE TO PROTECT FOUNDATIONS FROM FROST.
- HORIZONTAL BARS IN FOOTINGS AND CONCRETE WALLS SHALL BE CONTINUOUS. PROVIDE CORNER BARS AT ALL CORNERS AND INTERSECTIONS, UNO.
- FOUNDATION PENETRATIONS SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT/ENGINEER. PENETRATIONS SHALL BE FOUNDATION STEM WALL OR 6" CLEAR BELOW FOOTING.

CONCRETE AND REINFORCING STEEL

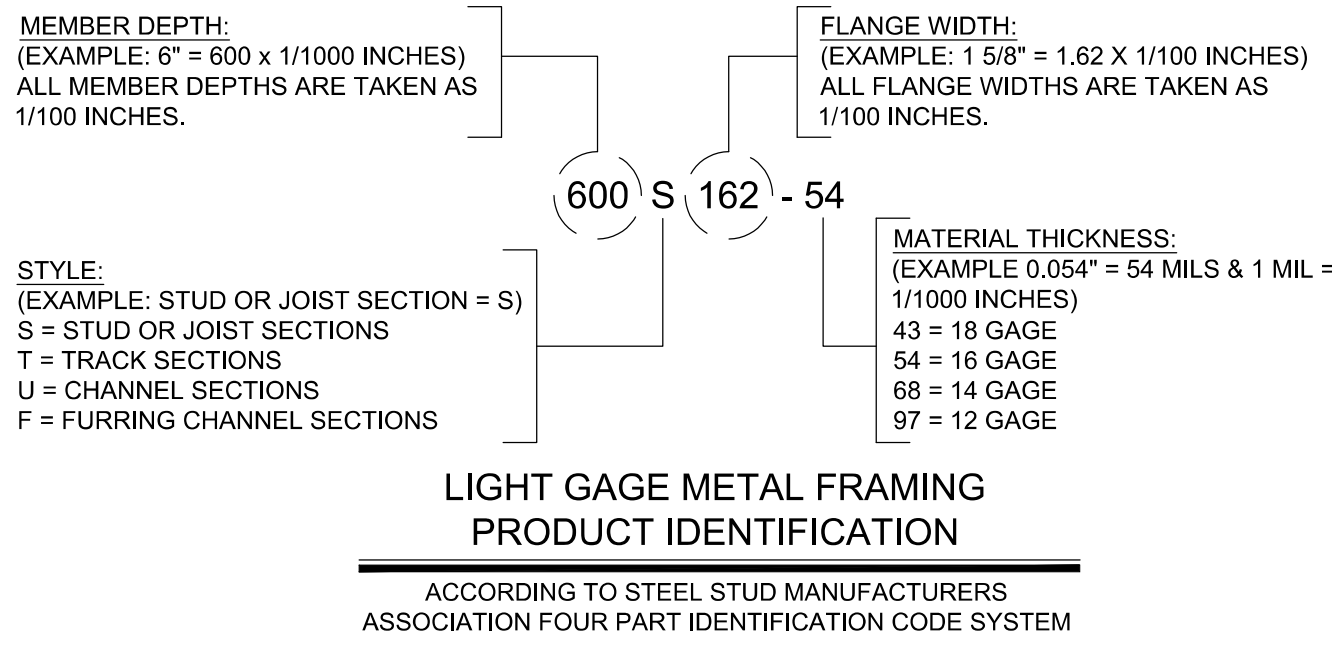
- ALL CONCRETE AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AMERICAN CONCRETE INSTITUTE BUILDING CODE (ACI 318) AND WITH SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301).
- ALL CONCRETE SHALL BE NORMAL-WEIGHT (DENSITY=145 PCF) AND SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH AS NOTED IN THE TABLE BELOW.
- ALL SLUMP OF ALL CONCRETE SHALL BE 4" ± 2".
- ALL EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED PER ACI-318, LATEST EDITION, BASED ON FREEZE-THAW EXPOSURE SEVERITY AND AGGREGATE SIZE.
- MAXIMUM NOMINAL COURSE AGGREGATE SIZE SHALL BE 3/4" TYPICAL UNLESS NOTED OTHERWISE.
- THE MINIMUM PORTLAND CEMENT CONTENT (ASTM C150 TYPE III) OF ALL CONCRETE SHALL CONFORM TO THE FOLLOWING TABLE:

LOCATION	SPECIFIED COMPRESSIVE STRENGTH (PSI)	W/CM RATIO	AIR-ENTRAINED CONCRETE (%) (EXTERIOR)
FOUNDATIONS	4000	0.45 - 0.55	4 ± 2

- ALL REINFORCED CONCRETE WORK SHALL BE PER "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" ACI 318, LATEST EDITION.
- THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW A MINIMUM OF TWO WEEKS PRIOR TO THE PLACEMENT OF ANY CONCRETE. THE CONCRETE MIX DESIGNS SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS.
- CONCRETE REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- CONCRETE REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A706.
- HOOK ENDS OF BARS INTERRUPTED BY OPENINGS. HOOK TOP BARS AT ALL EDGES. AT ALL WALL AND SLAB OPENINGS, PROVIDE 2 - #5BARS x OPENING WIDTH PLUS 4 FEET (EACH SIDE) EACH FACE UNLESS SHOWN OTHERWISE.
- ALL REINFORCING SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL.
- ALL REINFORCING SHALL BE SUPPORTED IN FORMS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER, IN ACCORDANCE WITH THE LATEST EDITION OF THE CRSI "MANUAL OF STANDARD PRACTICE".
- THE GENERAL CONTRACTOR SHALL CHECK WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND THE SUB-CONTRACTORS FOR OPENINGS, SLEEVES, ANCHORS, HANGERS, INSERTS, SLAB DEPRESSIONS AND OTHER ITEMS RELATED TO THE CONCRETE WORK AND SHALL ASSUME RESPONSIBILITY FOR THEIR PROPER LOCATION.

LIGHT GAGE METAL FRAMING

- ALL STRUCTURAL MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH AISI-HAS, "SPECIFICATION FOR THE DESIGN OF COLD FORMED STRUCTURAL MEMBERS", LATEST EDITION, PROVIDE SIGNED AND SEALED CALCULATIONS AND DRAWINGS FOR ALL LIGHT GAGE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE EXTERIOR METAL STUDS (CURTAIN WALL) AND ALL EXTERIOR CEILING.
- ALL STRUCTURAL STUDS AND JOISTS 22, 20, AND 18 GAUGES SHALL BE FORMED FROM GALVANIZED STEEL PER ANSI A633, G60 COATING MEETING THE REQUIREMENTS OF ASTM C955 WITH A YIELD STRENGTH OF 33,000 PSI.
- ALL STRUCTURAL STUDS AND JOISTS 16, 14, AND 12 GAUGES SHALL BE FORMED FROM GALVANIZED STEEL PER ASTM A653, G60 COATING MEETING ASTM C955, WITH YIELD STRENGTH OF 50,000 PSI.
- ALL STRUCTURAL TRUCK AND BRIDGING SHALL BE FORMED FROM GALVANIZED STEEL PER ASTM A653, G60 COATING MEETING THE REQUIREMENTS OF ASTM C955, WITH YIELD STRENGTH OF 33,000 PSI.
- WITH EACH TYPE OF METAL FRAMING REQUIRED, PROVIDE MANUFACTURER'S STANDARD STEEL RUNNERS (TRACKS), BLOCKERS, LINTELS, CLIP ANGLES, SHOES, REINFORCEMENTS, FASTENERS AND ACCESSORIES AS RECOMMENDED BY MANUFACTURER FOR APPLICATIONS INDICATED. AS NEEDED TO PROVIDE A COMPLETE METAL FRAMING SYSTEM.
- PROVIDE GALVANIZED FINISH TO METAL FRAMING COMPONENTS COMPLYING WITH ASTM A653 FOR MINIMUM G60 COATING. ATTACH SIMILAR COMPONENTS BY WELDING. ATTACH DISSIMILAR COMPONENTS BY WELDING, BOLTING OR SCREW FASTENERS AS STANDARD WITH MANUFACTURER. ALL WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED AND EXPERIENCED IN LIGHT GAGE STRUCTURAL STEEL FRAMING WORK.
- INSTALL METAL FRAMING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S PRINTED OR WRITTEN INSTRUCTIONS AND RECOMMENDATIONS, UNLESS OTHERWISE INDICATED.
- INSTALL CONTINUOUS TRUCKS SIZED TO MATCH STUDS.
- WHERE STUD SYSTEM ABUTS STRUCTURAL COLUMN OR WALLS, ANCHOR ENDS OF STIFFENERS TO SUPPORTING STRUCTURE.
- SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY EITHER WELDING OR SCREW FASTENERS AT BOTH INSIDE AND OUTSIDE FLANGES.
- LIGHT GAGE METAL SHOP DRAWINGS AND CALCULATIONS MUST BE SIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE IN WHICH THIS SITE IS LOCATED.



STRUCTURAL STEEL

- THE USE OF ROLLED STEEL SECTIONS AND/OR BOLTS MANUFACTURED OUTSIDE THE UNITED STATES WILL REQUIRE VERIFICATION THAT THE PRODUCTS COMPLY WITH APPLICABLE ASTM STANDARDS. MILL CERTIFICATES WILL BE REQUIRED FOR ALL STEEL. STRUCTURAL STEEL GRADES NOT MEETING THE ASTM SPECIFICATIONS FOR ROLLED SHAPES LISTED IN AISI STEEL CONSTRUCTION MANUAL, TABLE 24 WILL REQUIRE TESTING BY AN APPROVED LABORATORY.
- ALL STRUCTURAL STEEL WORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST A.I.S.C. SPECIFICATIONS FOR STRUCTURAL STEEL.
- STRUCTURAL STEEL SHALL CONFORM TO:

WIDE FLANGE (WF)	ASTM A992 (50 KSI)
SHAPES (I, T, C, PL)	ASTM A36
STRUCTURAL TUBE (HSS)	ASTM A500 (48 KSI)
STEEL PIPE (HSS)	ASTM A500 (42 KSI)
ANCHOR BOLTS	ASTM F1553 (36 KSI) U.N.O.
FRAMING BOLTS	ASTM A325 OR A490
SHEAR STUDS	ASTM A108
WELDING ELECTRODES	E70XX
- ALL HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM SPECIFICATION A325 AND SHALL BE PROVIDED WITH HARDENED WASHERS UNDER THE TURNED ELEMENT (NUT OR BOLT HEAD).
- INSTALLATION AND TIGHTENING OF ALL HIGH STRENGTH BOLTS SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS".
- SHOP CONNECTIONS MAY BE WELDED OR BOLTED. ALL BOLTS SHALL BE 3/4" DIAMETER MINIMUM. ALL CONNECTIONS SHALL CONFORM TO THE TYPICAL CONNECTION DETAILS SHOWN ON THE PLANS UNLESS SPECIFICALLY APPROVED BY THE ENGINEER.
- ALL WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY CODE, ANS01.1. ALL WELDING SHALL BE PERFORMED USING E70XX U.N.O.
- CUTS, HOLES, COPINGS, ETC. REQUIRED IN STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES SHALL BE SHOWN IN THE STRUCTURAL STEEL DRAWINGS AND SHALL BE MADE IN THE SHOP. HOLES SHALL BE REINFORCED AS REQUIRED BY THE ENGINEER.
- BURNING OF HOLES, CUTS, ETC. IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE TOLERATED, EXCEPT WITH THE SPECIFIC APPROVAL OF THE ENGINEER.
- ALL STEEL MEMBERS EXPOSED TO WEATHER (SUCH AS LINTELS, DOOR JAMBS, ETC.) SHALL BE GALVANIZED.
- FOR MISCALANEOUS STEEL, SEE ARCHITECTURAL DRAWINGS.
- ANY STEEL MEMBERS REQUIRED BY THE ELECTRICAL OR MECHANICAL TRADES FOR THE SUPPORT OF THEIR EQUIPMENT, WHICH ARE NOT SHOWN ON ARCHITECTURAL OR STRUCTURAL DRAWINGS, SHALL BE PROVIDED BY THE TRADE REQUIRING SUCH SUPPORT.
- SEE SPECIFICATIONS FOR PAINTING OF STRUCTURAL STEEL. ALL FABRICATION AND ERECTION MARKS SHALL BE COVERED DURING THE FIELD TO PREVENT CORROSION.
- ALL CONNECTIONS TO BE DOUBLE ANGLE FRAMED BEAM CONNECTION PER AISI UNLESS NOTED OTHERWISE. ALL BOLTS TO BE 3/4" MINIMUM DIAMETER UNLESS NOTED OTHERWISE. SHOP CONNECTIONS MAY BE WELDED OR BOLTED. WELDERS SHALL BE QUALIFIED TO BOLTS. DESIGN CONNECTIONS FOR THE MAXIMUM SHEAR (V IN KIPS) LISTED IN THE TABLES FOR "ALLOWABLE UNIFORM LOADS IN KIPS FOR BEAMS LATERALLY SUPPORTED" AT THE BOTTOM OF EACH TABLE IN THE "PROPERTIES AND REACTION VALUES", PART 2 OF THE LATEST EDITION OF THE AISI "MANUAL OF STEEL CONSTRUCTION", PROVIDE SIGNED AND SEALED DRAWINGS AND CALCULATIONS BY A PROFESSIONAL ENGINEER.
- A REGISTERED PROFESSIONAL ENGINEER SHALL INSPECT THE WELDING AND HIGH-STRENGTH BOLTING OF STRUCTURAL STEEL FRAMING AND WELDING, BOLTING AND FASTENING OF LIGHT WEIGHT MATERIAL SYSTEMS, AND METAL SIGNS OF BUILDING.
- ALL STEEL MEMBERS SHALL BE MADE IN AN APPROVED FABRICATOR'S SHOP. THE APPROVED FABRICATOR SHALL SUBMIT THE CERTIFICATE OF COMPLIANCE TO THE BUILDING INSPECTOR PRIOR TO ERECTION.

WALL SHEATHING

- WALL SHEATHING SHALL BE DENSGLASS SHEATHING MANUFACTURED TO MEET ASTM C1177 SPECIFICATIONS AND INSTALLED PER ASTM C1280 SPECIFICATIONS UNLESS NOTED OTHERWISE WITHIN CONTENTS OF DRAWINGS.

a. PANEL GRADE/TYPE	GOLD
b. SPAN RATING	18"
c. PRODUCT STANDARD	ASTM C1177
- WALL SHEATHING SHALL BE FASTENED TO SUPPORTING FRAMING WITH 1" BUGLE HEAD FINE THREAD, CORROSION-RESISTANT SHARP POINT DRYWALL SCREWS AT THE SPACING INDICATED BELOW UNLESS NOTED OTHERWISE IN THE SHEAR WALL SCHEDULE.

a. WALL EDGE	8" O.C.
b. SUPPORTED PANEL EDGES AWAY FROM EDGE OF WALL	8" O.C.
c. CENTER OF PANELS	8" O.C.

STEEL DECK

- STEEL ROOF DECK IS INDICATED IN THE ROOF FRAMING NOTES LOCATED ON THE ROOF PLAN DRAWING. STEEL DECK TO BE PLACED ON ENTIRE ROOF STRUCTURE RESTING ON LIGHT GAGE TRUSSES (INCLUDING OVERFRAMED AREAS).
- ALL STEEL ROOF DECK SHALL BE HOT-DIPPED GALVANIZED, G90 COATING AS PER ASTM SPECIFICATIONS.
- ALL STEEL ROOF DECK SHALL BE CAPABLE OF SUPPORTING ALL CONSTRUCTION LOADS.
- ALL STEEL ROOF DECK SHALL BE CONTINUOUS OVER FOUR OR MORE STRUCTURAL SUPPORTS (I.E. DECK SHOULD BE DETAILED FOR A THREE SPAN CONDITION).
- STEEL ROOF DECK SHALL HAVE BEARING SIDE LIPS ATTACHED BY MECHANICAL MEANS).
- IF DECK IS CUT IN SINGLE SPAN CONDITION, EACH END OF SUCH SECTIONS SHALL BE WELDED TO ITS SUPPORT THROUGH WELDING WASHERS IN THE BOTTOM OF EACH RIB.
- IF AREAS OF DECK ARE CUT AS PER NOTE 6, THE GAGE OF THE SINGLE SPAN DECK SHALL BE ADJUSTED UPWARDS AS REQUIRED BY THE ENGINEER TO SUPPORT THE LOADS.
- ANY ELECTRICAL WORK WEIGHING MORE THAN 50# OR 50 LBS CONCENTRATED SHALL BE HUNG FROM STEEL BEAMS ONLY. FOR HANGERS, SEE SPECIFICATIONS. ALL MECHANICAL WORK AND PIPING SHALL BE HUNG FROM STEEL BEAMS. SEE STRUCTURAL STEEL NOTE 11 (OF STRUCTURAL STEEL NOTES) FOR ADDITIONAL STEEL REQUIRED BY MECHANICAL/ELECTRICAL TRADES TO SUPPORT THEIR EQUIPMENT.
- METAL DECK CONTRACTOR TO PROVIDE 18 GAGE RIDGE PLATE, VALLEY PLATE, EDGE STRIP, ETC., AS REQUIRED.
- CUT OUT METAL DECK WHERE BOLT PROJECTIONS INTERFERE WITH METAL DECK.

METAL STAIRS & HANDRAILS

- FABRICATOR SHALL RETAIN A PROFESSIONAL ENGINEER LICENSED IN STATE OF THE PROJECT, TO PROVIDE THE DESIGN FOR ALL METAL STAIRS, AND RAILINGS, ON THE PROJECT. THE DESIGN SHALL INCLUDE A COMPREHENSIVE ENGINEERING ANALYSIS THAT COMPLIES WITH THE APPLICABLE BUILDING CODES.
- FABRICATOR SHALL SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS FOR REVIEW PRIOR TO FABRICATION. CALCULATIONS SHALL BEAR THE ENGINEER'S STAMP AND SIGNATURE.
- STRUCTURAL PERFORMANCE OF STAIRS AND RAILING: METAL STAIRS SHALL BE DESIGNED TO CONFORM TO THE INTERNATIONAL BUILDING CODE, LATEST EDITION, STAIR FRAMING AND LANDINGS SHALL BE DESIGNED FOR 100 PSF LIVE LOAD, LIMIT DEFLECTION OF TREADS, PLATFORMS AND FRAMING MEMBERS TO L/240 OR 1/2 INCH, WHICHEVER IS LESS.

POST-INSTALLED ANCHORS

- INSTALL ANCHORS PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.
- OVERHEAD ADHESIVE ANCHORS MUST BE INSTALLED USING THE HILTI PROPISTON PLUG SYSTEM.
- THE CONTRACTOR SHALL TRAINING AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL ANCHOR PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER OF RECORD MUST RECEIVE DOCUMENTED CONFIRMATION THAT ALL PERSONNEL WHO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF ANCHOR INSTALLATION.
- ANCHOR CAPACITY IS DEPENDENT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGES OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.
- EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON THE DRAWINGS THAT THE BARS CAN BE CUT, THE CONTRACTOR SHALL REVIEW THE EXISTING STRUCTURAL DRAWINGS AND SHALL UNRAKE TO LOCATE THE POSITION OF THE REINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS BY HILTI PS 1000 OR OTHER GPR, X-RAY, CHIPPING OR OTHER APPROVED MEANS.
- EXCEPT WHERE INDICATED ON THE DRAWINGS, POST-INSTALLED ADHESIVE ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE SHALL CONSIST OF KWIK BOLT 3 EXPANSION ANCHOR SAFE SET SYSTEM WITH HOLLOW DRILL BIT AND VACUUM AND SA-TA22 TOOL WITH ADAPTIVE TORQUE FOR APPLICABLE SIZES PER ICC ESR-2302.
- EXCEPT WHERE INDICATED ON THE DRAWINGS, REBAR DOWELING FOR CRACKED AND UNCRACKED CONCRETE USE SHALL CONSIST OF HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT AND VACUUM WITH CONTINUOUSLY DEFORMED REBAR PER ICC ESR-3187.
- EXCEPT WHERE INDICATED ON THE DRAWINGS, ANCHORAGE TO SOLID GROUTED MASONRY SHALL CONSIST OF HILTI HIT-HY 270 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT AND VACUUM ICC ESR-4143. STEEL ANCHOR ELEMENT SHALL BE HILTI HAS CONTINUOUSLY THREADED ROD OR CONTINUOUSLY DEFORMED STEEL REBAR.
- EXCEPT WHERE INDICATED ON THE DRAWINGS, ANCHORAGE TO HOLLOW AND MULTI-WYTHE MASONRY SHALL CONSIST OF HILTI HIT-HY 270 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT AND VACUUM PER ICC ESR-4143. THE APPROPRIATE TYPE SCREEN TUBE SHALL BE USED PER ADHESIVE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS. STEEL ANCHOR ELEMENT SHALL BE HILTI HAS CONTINUOUSLY THREADED ROD OR CONTINUOUSLY DEFORMED STEEL REBAR.
- ANCHOR CAPACITY USED IN DESIGN SHALL BE BASED ON THE TECHNICAL DATA PUBLISHED BY HILTI OR OTHER SUCH METHOD AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS OR DRILLING METHODS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS DEMONSTRATING THAT THE SUBSTITUTED PRODUCT MEETS OR EXCEEDS THE PERFORMANCE CAPACITIES OF THE SPECIFIED PRODUCT. SUBSTITUTIONS WILL BE EVALUATED BY THEIR HAVING AN ICC ESR SHOWING COMPLIANCE WITH THE RELEVANT BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY, AND/OR AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE TEMPERATURE, AND INSTALLATION TEMPERATURE.
- USE OF DIAMOND CORE BIT WITH ROUGHENING TOOL FOR ANCHOR HOLES REQUIRES APPROVAL FROM ENGINEER OF RECORD PRIOR TO DRILLING, UNLESS OTHERWISE SHOWN IN THE DRAWINGS. ALL HOLES SHALL BE DRILLED PERPENDICULAR TO THE CONCRETE SURFACE.

SHOP DRAWING SUBMITTALS

- THE DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD WHO SHALL REVIEW AND APPROVE THEM, AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE REFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND APPROVED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL. PROVIDE AMPLE TIME FOR THE BUILDING OFFICIAL TO REVIEW THE DOCUMENTS.
- REFER TO PROJECT SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS.
- SHOP DRAWINGS AND SUBMITTALS WILL BE REVIEWED FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH INFORMATION GIVEN AND THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS.
- SUBMITTAL REVIEW WILL NOT BE CONDUCTED FOR THE PURPOSE OF DETERMINING THE ACCURACY AND COMPLETENESS OF OTHER DETAILED INFORMATION SUBMITTED BY THE CONTRACTOR, OR FOR SUBSTITUTING INSTRUCTIONS FOR INSTALLATION OR PERFORMANCE OF EQUIPMENT OR SYSTEMS DESIGNED BY THE CONTRACTOR. ALL OF THIS REMAINS THE RESPONSIBILITY OF THE CONTRACTOR.
- REVIEW SHALL NOT CONSTITUTE APPROVAL OF SAFETY PRECAUTIONS OR OF ANY CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES.
- APPROVAL OF A SPECIFIC ITEM SHALL NOT INDICATE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.
- SHOP DRAWINGS AND/OR PRODUCT DATA FOR THE FOLLOWING ITEMS ARE TO BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL:

A. STRUCTURAL STEEL CONNECTION DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A LICENSED PROFESSIONAL IN THE STATE IN WHICH THIS SITE IS LOCATED.
C. REINFORCING STEEL LIGHT GAGE STEEL DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A LICENSED PROFESSIONAL IN THE STATE IN WHICH THIS SITE IS LOCATED.
E. CONCRETE MIXES
- SHOP DRAWINGS ARE TO BE DISTRIBUTED ONLY FROM RETURNED SUBMITTALS BEARING AN INITIALED REVIEW STAMP AND WORK ON THESE ITEMS SHALL BE PROCEEDED UNLESS THE STAMP CLEARLY INDICATES THE DRAWINGS ARE "APPROVED" OR "APPROVED AS NOTED."
- SHOP DRAWINGS AND/OR PRODUCT DATA FOR THE FOLLOWING ITEMS ARE TO BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW. THE ENGINEER'S REVIEW WILL BE LIMITED TO CONFORMANCE WITH DESIGN AND PERFORMANCE DATA AND COMPATIBILITY OF CONSTRUCTION DOCUMENTS AND THE INTERFACE BETWEEN THESE ITEMS/SYSTEMS AND THE BUILDING STRUCTURE. THIS REVIEW WILL CHECK THE COMPATIBILITY OF LOADS AND POSITIONS OF LOADS IMPARTED ONTO THE BUILDING STRUCTURE, AND COMPATIBILITY OF CONNECTIONS WITH THE BUILDING STRUCTURE, THE MANUFACTURER/SUPPLIER AND ITS SPECIALTY STRUCTURAL ENGINEER RESPONSIBLE FOR THE DESIGN OF THE ITEMS/SYSTEM WILL RETAIN ALL RIGHTS AND RESPONSIBILITIES FOR THE DESIGN OF THE PRODUCT AND THE CONNECTIONS TO THE BUILDING STRUCTURE.
- NO WORK ON STRUCTURAL ELEMENTS SUPPORTING OR RELATED TO THESE ITEMS IS TO PROCEED UNLESS THE REVIEW STAMP CLEARLY INDICATES "REVIEWED" OR "REVIEWED, SEE COMMENTS" BY THE STRUCTURAL ENGINEER.
- CONCRETE IS A PRE-ENGINEERED MATERIAL DESIGNED BY THE SUPPLIER TO MEET THE STRENGTH AND PERFORMANCE CRITERIA SPECIFIED IN THE CONTRACT DOCUMENTS. CONCRETE MIX DESIGNS SHALL BE IN CONFORMANCE WITH ACI 318, CHAPTER 5, AND SHALL BE SUBMITTED TO THE INDEPENDENT TESTING LAB WITH APPROPRIATE HISTORICAL TEST DATA AND ANALYSIS FOR REVIEW AND APPROVAL. SUBMIT MIX DESIGNS AND THE TESTING LAB REVIEW TO THE ARCHITECT/ENGINEER FOR REVIEW.
- MANY VARIABLES, INCLUDING MIX COMPONENTS AND ENVIRONMENTAL CONDITIONS AFFECT THE QUALITY OF CONCRETE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTROLLING VARIABLES AND REQUESTING MIX MODIFICATIONS AND SHALL BE RESPONSIBLE FOR THE QUALITY OF CONCRETE DELIVERED AND PLACED ON THE SITE.
- GENERAL CONTRACTOR SHALL PRE-CHECK ALL SHOP DRAWINGS BEFORE SUBMISSION TO THE ENGINEER FOR REVIEW. ALL SUBMITTAL MATERIALS MUST BEAR AN INITIALED REVIEW STAMP OF THE GENERAL CONTRACTOR. SUBMITTALS WITHOUT THE REVIEW STAMP OF THE GENERAL CONTRACTOR WILL BE RETURNED WITHOUT REVIEW AND SHALL NOT BE CAUSE FOR CLAIMS OF DELAY.
- GENERAL CONTRACTOR SHALL SCHEDULE SUBMITTALS SUFFICIENTLY IN ADVANCE OF THE DATE REQUIRED TO ALLOW REASONABLE TIME FOR DELIVERY, PROCESSING AND REVIEW BY THE DESIGN TEAM. THIS SHALL INCLUDE A MINIMUM OF TEN WORKING DAYS, EXCLUDING DELIVERY TIME, FOR ENGINEER'S PROCESSING AND REVIEW OF SHOP DRAWINGS, INCLUDE TIME FOR CONTRACTOR'S REVISIONS AND SUBSEQUENT REVIEW IF NECESSARY.
- SHORTER REVIEW PERIODS WILL ONLY BE HONORED WITH PRIOR WRITTEN CONSENT FROM THE ENGINEER. THESE ACCELERATED SERVICES, AND APPROPRIATE COMPENSATION, MUST BE NEGOTIATED WITH THE ENGINEER AND ARCHITECT IN ADVANCE.
- THE USE OF REPRODUCTIONS OF THESE CONTRACT DRAWINGS, INCLUDING THE USE OF ELECTRONIC FILES, BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF THE INDEPENDENT PREPARATION OF SHOP DRAWINGS, SIGNIFIES HIS ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT AND OBLIGATES HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON. SUCH USE OF REPRODUCTIONS OF THESE CONTRACT DOCUMENTS WILL NOT BE ALLOWED WITHOUT PRIOR CONSENT FROM THE ENGINEER.
- WHEN USING ELECTRONIC FORMAT FOR SUBMITTALS, THE CONTRACTOR SHALL PROVIDE ONE PRINTED HARD COPY FOR ENGINEER REVIEW OR EXECUTE AN AGREEMENT FOR REIMBURSING THE ENGINEER FOR PRINTING COSTS FOR ONE COPY.

DEFERRED SUBMITTALS

SHOP DRAWING SUBMITTALS REQUIRED BY THESE GENERAL STRUCTURAL NOTES WHICH CONTAIN DESIGN CALCULATIONS SEALED BY A REGISTERED ENGINEER OTHER THAN THE ENGINEER OF RECORD, SHALL BE SUBMITTED DURING CONSTRUCTION TO THE CITY FIELD INSPECTOR FOR REVIEW. THE DOCUMENTS WILL FIRST BE REVIEWED BY THE ENGINEER OF RECORD AND DETERMINED TO BE IN GENERAL CONFORMANCE WITH THE BUILDING DESIGN. THESE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

WOOD FRAMING:

- ALL NAILING NOT NOTED SHALL BE PER TYPICAL DETAIL AND COMMON NAIL DIAMETER TABLE BELOW. ALL BOLTING SHALL BE PER STRUCTURAL STEEL SECTION ABOVE. WOOD CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON MANUFACTURED BY SIMPSON COMPANY, INC. OR OTHER MANUFACTURER WITH CURRENT AND EQUIVALENT ICC APPROVAL, WHERE "TYPE" OF CONNECTOR IS INDICATED ON THE DRAWINGS. THE CONTRACTOR AND ARCHITECT SHALL BE PER THE MAXIMUM MODEL NUMBER BASED ON THE SIZE OF THE MEMBERS CONNECTED.
- WOOD FRAMING MEMBERS SHALL NOT BE NOTCHED OR DRILLED WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER THROUGH THE ARCHITECT.

NAIL TYPE	REQ'D DIA	REQ'D GA	LENGTH	NAIL TYPE	REQ'D DIA	REQ'D GA	LENGTH
6d	0.131"	11/12"	2"	12d	0.148"	9	3 1/4"
8d	0.131"	10/14"	2 1/2"	16d	0.162"	8	3 1/2"
10d	0.148"	9	3"	20d	0.192"	6	4"
- WOOD STUDS AND TRUSSES SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% WHEN DELIVERED TO THE JOB SITE.
- PRESERVATIVE-TREATED WOOD:
 - ALL SILL PLATES IN CONTACT WITH CONCRETE SHALL BE PRESERVATIVE-TREATED WOOD. WOOD FRAMING MEMBERS ATTACHED DIRECTLY TO THE INTERIOR OF EXTERIOR MASONRY OR CONCRETE WALLS BELOW GRADE SHALL BE PRESERVATIVE-TREATED WOOD.
 - ALL WOOD FRAMING MEMBERS, INCLUDING WOOD SHEATHING THAT ARE IN CONTACT WITH EXTERIOR WALLS AND ARE LESS THAN 8 INCHES FROM FINISHED GRADE SHALL BE PRESERVATIVE-TREATED WOOD.
 - ALL FASTENERS INCLUDING NUTS AND WASHERS IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL. THE COATING WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE PER ASTM F1553. FASTENERS OTHER THAN NAILS, WOOD SCREWS AND LAG SCREWS ARE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC-COATED STEEL WITH COATING WEIGHTS PER ASTM B695, CLASS S5 MINIMUM.
 - ALL FASTENERS INCLUDING NUTS AND WASHERS IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL. THE COATING WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE PER ASTM F1553. FASTENERS OTHER THAN NAILS, WOOD SCREWS AND LAG SCREWS ARE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC-COATED STEEL WITH COATING WEIGHTS PER ASTM B695, CLASS S5 MINIMUM.

- FRAMING LUMBER SHALL COMPLY WITH THE REFERENCED EDITION OF THE GRADING RULES OF THE WPA OR THE WCLB. ALL SAWN LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED LUMBER GRADING AGENCY AND SHALL HAVE MINIMUM PROPERTIES WHICH MEET OR EXCEED THE FOLLOWING WOOD TYPES:
 - EXTERIOR WALL STUDS: DOUGLAS FIR-LARCH (DF-L) No. 2 OR BETTER, OR SOUTHERN PINE No. 2 OR BETTER.
 - HEADERS: DOUGLAS FIR-LARCH (DF-L) No. 2 OR BETTER, OR SOUTHERN PINE No. 2 OR BETTER.
 - BEARING PLATES AND TOP PLATES: DOUGLAS FIR-LARCH (DF-L) No. 2 OR BETTER, OR SOUTHERN PINE No. 2 OR BETTER.
- PREFABRICATED WOOD TRUSS FRAMING MEMBERS:
 - FRAMING MEMBERS SHALL BE DESIGNED TO SUPPORT SELF WEIGHT PLUS LIVE LOAD AND SUPERIMPOSED DEAD LOADS STATED IN THE GENERAL STRUCTURAL NOTES OR AS LOCATED ON THE TRUSS. DESIGN AND BRIDGING BY FABRICATOR UNLESS NOTED OTHERWISE. ALL CONNECTORS SHALL HAVE CURRENT ICC APPROVAL. FRAMING MEMBERS SHALL BE AGENCY STAMPED AND CONFORM TO THE REFERENCED BUILDING CODE AND ANS101 NATIONAL DESIGN STANDARD FOR METAL CONNECTED TRUSS CONSTRUCTION." CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, ERECTION DRAWINGS AND DESIGN CALCULATIONS SEALED BY A REGISTERED PROFESSIONAL IN THE PROJECT LOCATION STATE FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. SAID SUBMITTAL, IN ADDITION TO LOADS SPECIFIED IN THE G.S.N. AND PLANS, SHALL INCLUDE:
 - DEFLECTION CALCULATION: ROOFS WITHOUT PLASTER OR GYPSBOARD CEILINGS TOTAL LOAD MAXIMUM = L/180. LIVE LOAD MAXIMUM = L/240. ROOFS WITH PLASTER OR GYPSBOARD CEILINGS TOTAL LOAD MAXIMUM = L/240. LIVE LOAD MAXIMUM = L/360.
 - FABRICATOR SHALL PROVIDE PROTECTIVE MEMBERS FOR PONDING WHERE ROOF SLOPES ARE LESS THAN 1/4" PER FOOT. FRAMING MEMBERS SHALL BE CAMBERED FOR 1.0 TIMES THE DEAD LOAD DEFLECTION, MAXIMUM TOTAL LOAD DEFLECTION OF MEMBERS SHALL BE 1" FABRICATOR SHALL DESIGN ADJACENT MEMBERS FOR MAXIMUM OF 1/4" DIFFERENTIAL DEFLECTION.
 - TOP CHORD MEMBER WOOD SPECIES SHALL HAVE A SPECIFIC GRAVITY OF 0.42 OR GREATER.
 - VERIFY SIZE, WEIGHT AND LOCATION OF SUPPORTED EQUIPMENT WITH ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, SPRINKLER AND THEIR RELATED DRAWINGS. ADDITIONAL FRAMING MEMBERS SHALL BE SUPPLIED AS REQUIRED TO SUPPORT EQUIPMENT.
 - FABRICATOR SHALL HAVE ICC APPROVAL OR BE APPROVED ACCORDING TO THE BUILDING JURISDICTION.

SPECIAL INSPECTIONS:

- A SPECIAL INSPECTOR (SI) SHALL BE RETAINED AND PAID BY THE OWNER AND PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED UNDER SECTION 1704 OF THE IBC AS PER TABLE ON S.1.
- THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCY TO THE SATISFACTION OF THE BUILDING OFFICIAL. FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- THE DUTIES OF THE SPECIAL INSPECTOR SHALL INCLUDE, BUT ARE NOT LIMITED TO, VERIFICATION OF CONSTRUCTION QUALITY CONTROL, TESTING, COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS, BUILDING CODE REQUIREMENTS, AND LOCAL BUILDING DEPARTMENT REQUIREMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROPER NOTIFICATION TO THE SPECIAL INSPECTOR AND PROCEED WITH THE CONSTRUCTION ONLY AFTER THE "SPECIAL INSPECTOR APPROVAL" IS OBTAINED.
- DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
 - THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE INSPECTOR MAY NOT ALTER, MODIFY OR WAIVE ANY OF THE REQUIREMENTS OF THE DOCUMENTS.
 - SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE CONSTRUCTION OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE FOR THE PROJECT. THE CONTRACTOR AND THE OWNER, REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE WITH APPROVED

STRUCTURAL SPECIAL INSPECTIONS

SPECIAL INSPECTIONS

- SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 1705 OF THE 2015 INTERNATIONAL BUILDING CODE.
- THE OWNER WILL EMPLOY THE SERVICES OF ONE OR MORE SPECIAL INSPECTORS TO PROVIDE SPECIAL INSPECTIONS DURING CONSTRUCTION FOR THE REQUIRED SPECIAL INSPECTION ITEMS.
- THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
 - THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE INSPECTOR MAY NOT ALTER, MODIFY, ENLARGE OR WAIVE ANY OF THE REQUIREMENTS OF THE DOCUMENTS.
 - THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE PROFESSIONAL-OF-RECORD, AND THE CONTRACTOR. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, SUBMIT A COMPLETE LIST OF ALL OUTSTANDING DISCREPANCIES ON A WEEKLY BASIS TO THE OWNER, THE BUILDING OFFICIAL, AND THE PROFESSIONAL-OF-RECORD, UNTIL ALL CORRECTIONS HAVE BEEN COMPLETED.
 - THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE BUILDING CODE.
- STRUCTURAL OBSERVATION (AS DEFINED IN CHAPTER 17 OF THE BUILDING CODE) IS NOT REQUIRED, UNLESS SPECIFICALLY REQUIRED BY THE BUILDING OFFICIAL.
- THE FOLLOWING AREAS OF WORK REQUIRE SPECIAL INSPECTIONS IN ACCORDANCE WITH THE LISTED SECTIONS/LOCATIONS:
 - SOILS - SECTION 1705.6 PER TABLE 1705.6

SPECIAL INSPECTION AND VERIFICATION OF SOILS				
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC REFERENCE
Y	1. VERIFY MATERIALS BELOW SHALLOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	----	X	1705.6
Y	2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	----	X	1705.6
Y	3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	----	X	1705.6
Y	4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.	X	----	1705.6
Y	5. PRIOR TO PLACEMENT OF CONTROLLED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	----	X	1705.6

B. CONCRETE CONSTRUCTION - SECTION 1705.3 PER TABLE 1705.3

SPECIAL INSPECTION AND VERIFICATION OF CONCRETE CONSTRUCTION				
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION REFERENCED STANDARD
Y	1. INSPECTION OF REINFORCING STEEL, INCLUDING PRE-STRESSING TENDONS AND VERIFY PLACEMENT.	----	X	1908.4 ACI 318: CH. 20, 26.2, 26.3, 26.5.1-26.5.3
N	2. REINFORCING BAR WELDING			
-	a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	----	X	----
-	b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16	----	X	----
-	c. INSPECT OTHERS WELDS	X	----	----
Y	3. INSPECTION OF ANCHORS CAST IN CONCRETE	----	X	ACI 318: 17.8.2
Y	4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS			
N	a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	----	ACI 318: 17.8.2.4
Y	b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4a.	----	X	ACI 318: 17.8.2
Y	5. VERIFYING USE OF REQUIRED DESIGN MIX.	----	X	1904.1, 1904.2, 1908.2, 1408.3 ACI 318: CH. 19, 26.4.3, 26.4.4
Y	6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	----	1910.10 ASTM C 172 ASTM C 31 ACI 318: 26.4.5, 26.12
Y	7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	----	1908.6, 1908.7, 1908.8 ACI 318: 26.4.5
Y	8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	----	X	1910.9 ACI 318: 26.4.7-26.4.9
N	9. INSPECTION OF PRESTRESSED CONCRETE:			
-	a. APPLICATION OF PRESTRESSING FORCES.	X	----	----
-	b. GROUTING OF BONDED PRESTRESSING TENDONS	X	----	----
N	10. ERECTION OF PRECAST (TILT UP PANELS) CONCRETE MEMBERS.	----	X	ACI 318: CH. 26.8
N	11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORING AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	----	X	ACI 318: 26.10.2
Y	12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	----	X	ACI 318: 26.10.1(b)

C. WOOD CONSTRUCTION - SECTION 1705.5

SPECIAL INSPECTION AND VERIFICATION OF WOOD CONSTRUCTION				
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC REFERENCE
N	1. HIGH-LOAD DIAPHRAGMS	----	X	1705.5.1
N	2. METAL-PLATE CONNECTED WOOD TRUSSES SPANNING > 60 FEET	----	X	1705.5.2

D. WIND RESISTANCE - SECTION 1705.10

SPECIAL INSPECTION OF WIND FORCE RESISTING SYSTEMS				
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC REFERENCE
N	1. NAILING, BOLTING, ANCHORING AND OTHER FASTENING TO OTHER COMPONENTS OF THE MAINFORCE-RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, BRACES AND HOLD-DOWNS WHERE FASTENER SPACING FOR SHEATHING IS 4" ON-CENTER OR LESS.	----	X	1705.10.1
N	2. FIELD GLUING OPERATIONS OF ELEMENTS OF THE MAIN WINDFORCE-RESISTING SYSTEM	X	----	1705.10.1
N	3. COLD-FORMED STEEL WELDING OPERATIONS OF ELEMENTS OF THE MAIN WINDFORCE-RESISTING SYSTEM	----	X	1705.10.2
N	4. COLD-FORMED STEEL SCREW ATTACHMENT, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS WITHIN THE MAINFORCE-RESISTING SYSTEM, INCLUDING SHEAR WALLS, DIAPHRAGMS, COLLECTORS (DRAG STRUTS), AND HOLD-DOWNS WHERE NON-GYPSUM BOARD/OSB/BOARD SHEATHING FASTENER SPACING IS 4" ON-CENTER OR LESS.	----	X	1705.10.2
N	5. ROOF CLADDING	----	X	1705.10.3
N	6. WALL CLADDING	----	X	1705.10.3

E. STEEL CONSTRUCTION (STRUCTURAL STEEL) - SECTION 1705.2.1

SPECIAL INSPECTION AND VERIFICATION OF STRUCTURAL STEEL CONSTRUCTION					
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA	
		CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION	REFERENCED STANDARD
PRIOR TO WELDING					
Y	1. VERIFY WELDING PROCEDURES (WPS) AND CONSUMABLE CERTIFICATES	X	----	1705.2.1	N5.4-1, AISC 360-10
Y	2. MATERIAL IDENTIFICATION	----	X	1705.2.1	N5.4-1, AISC 360-10
Y	3. WELDER IDENTIFICATION	----	X	1705.2.1	N5.4-1, AISC 360-10
Y	4. FIT-UP GROOVE WELDS	----	X	1705.2.1	N5.4-1, AISC 360-10
Y	5. ACCESS HOLES	----	X	1705.2.1	N5.4-1, AISC 360-10
Y	6. FIT-UP OF FILLET WELDS	----	X	1705.2.1	N5.4-1, AISC 360-10
DURING WELDING					
Y	1. USE OF QUALIFIED WELDERS	----	X	1705.2.1	N5.4-1, AISC 360-10
Y	2. CONTROL AND HANDLING OF WELDING CONSUMABLES	----	X	1705.2.1	N5.4-1, AISC 360-10
Y	3. CRACKED TACK WELDS	----	X	1705.2.1	N5.4-1, AISC 360-10
Y	4. ENVIRONMENTAL CONDITIONS	----	X	1705.2.1	N5.4-1, AISC 360-10
Y	5. WPS FOLLOWED	----	X	1705.2.1	N5.4-1, AISC 360-10
Y	6. WELDING TECHNIQUES	----	X	1705.2.1	N5.4-1, AISC 360-10

E. STEEL CONSTRUCTION (STRUCTURAL STEEL) - SECTION 1705.2.1 (CONTINUED)

AFTER WELDING					
Y	1. WELD IS CLEANED	----	X	1705.2.1	N5.4-3, AISC 360-10
Y	2. SIZE, LENGTH AND LOCATION OF WELDS	X	----	1705.2.1	N5.4-3, AISC 360-10
Y	3. WELDS MEET VISUAL ACCEPTANCE CRITERIA	X	----	1705.2.1	N5.4-3, AISC 360-10
Y	4. ARC STRIKES	X	----	1705.2.1	N5.4-3, AISC 360-10
Y	5. K-AREA	X	----	1705.2.1	N5.4-3, AISC 360-10
Y	6. BACKING AND WELD TABS REMOVED	X	----	1705.2.1	N5.4-3, AISC 360-10
Y	7. REPAIR ACTIVITIES	X	----	1705.2.1	N5.4-3, AISC 360-10
Y	8. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT/NUMBER	X	----	1705.2.1	N5.4-3, AISC 360-10
NON-DESTRUCTIVE TESTING					
N	1. CJP WELDS (RISK CAT. III)	----	X	1705.2.1	N5.5, AISC 360-10
N	2. CJP WELDS (RISK CAT. III OR IV)	X	----	1705.2.1	N5.5, AISC 360-10
N	3. ACCESS HOLES (FLANGE > 2")	X	----	1705.2.1	N5.5, AISC 360-10
N	4. WELDED JOINTS SUBJECT TO FATIGUE	X	----	1705.2.1	N5.5, AISC 360-10
PRIOR TO BOLTING					
Y	1. CERTIFICATIONS OF FASTENERS	X	----	1705.2.1	N5.6-1, AISC 360-10
Y	2. FASTENERS MARKED	----	X	1705.2.1	N5.6-1, AISC 360-10
Y	3. PROPER FASTENERS FOR JOINT	----	X	1705.2.1	N5.6-1, AISC 360-10
Y	4. PROPER BOLTING PROCEDURE	----	X	1705.2.1	N5.6-1, AISC 360-10
Y	5. CONNECTING ELEMENTS	----	X	1705.2.1	N5.6-1, AISC 360-10
Y	6. PRE-INSTALLED VERIFICATION TESTING	----	X	1705.2.1	N5.6-1, AISC 360-10
Y	7. PROPER STORAGE	----	X	1705.2.1	N5.6-1, AISC 360-10
DURING BOLTING					
Y	1. FASTENER ASSEMBLIES	----	X	1705.2.1	N5.6-2, AISC 360-10
N	2. SNUG TIGHT PRIOR TO PRE-TENSIONING	----	X	1705.2.1	N5.6-2, AISC 360-10
Y	3. FASTENER COMPONENT	----	X	1705.2.1	N5.6-2, AISC 360-10
N	3. PRE-TENSIONED FASTENERS	----	X	1705.2.1	N5.6-2, AISC 360-10
AFTER BOLTING					
Y	1. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	X	----	1705.2.1	N5.6-3, AISC 360-10
OTHER STEEL INSPECTIONS					
Y	1. STRUCTURAL STEEL DETAILS	----	X	1705.2.1	N5.7, AISC 360-10
Y	2. ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL	----	X	1705.2.1	N5.7, AISC 360-10

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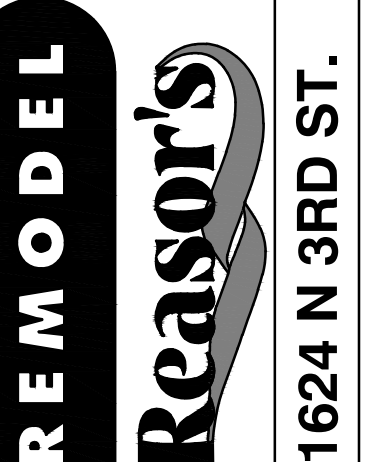


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903-579-0500

39,756 SF
#906
LANGLEY, OK



1624 N 3RD ST.

REVISION DESCRIPTION

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NO. DATE

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 CONSTRUCTION

DATE

09/23

PROJECT NO.

4090600-0

STORE NO.

906

SHEET NO.

S1.1

AS OF: 11/11/24

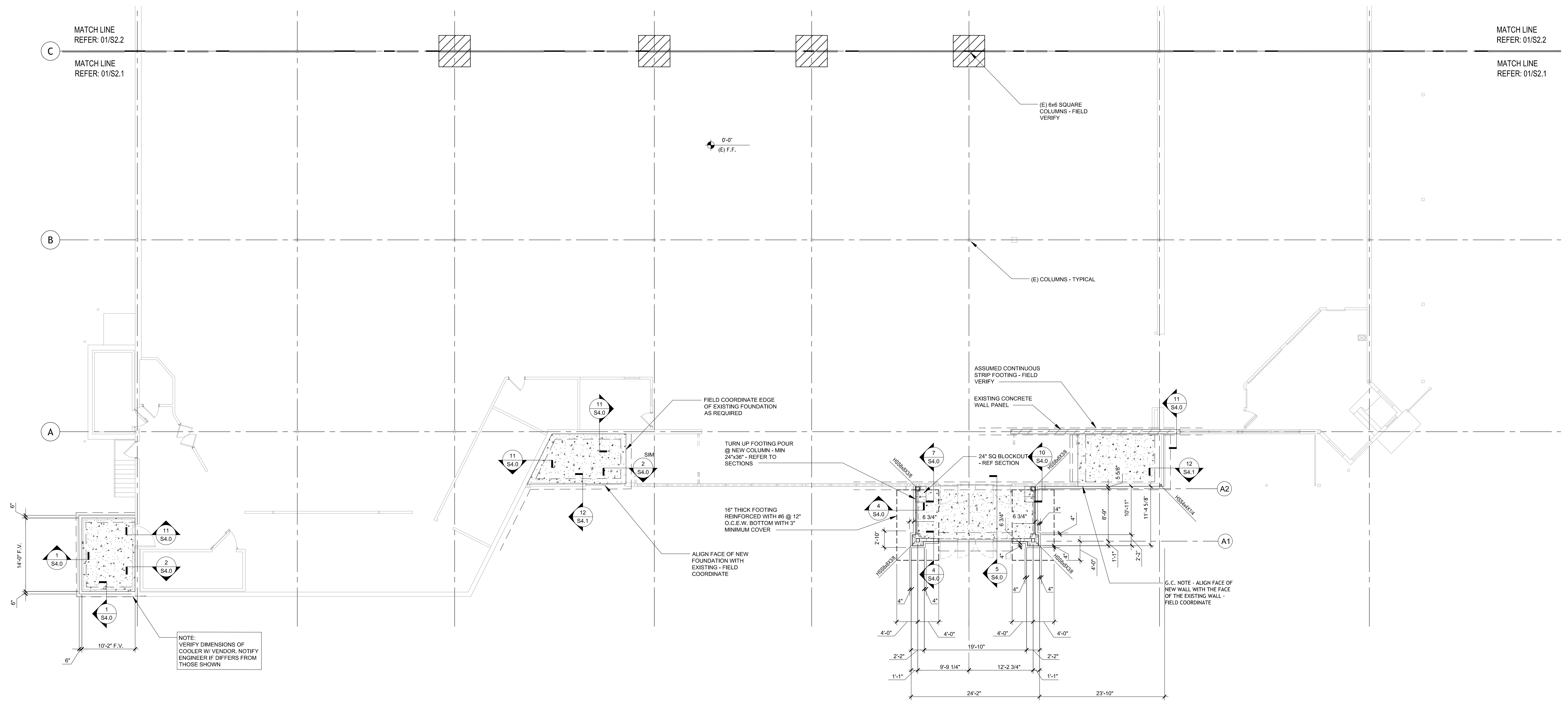


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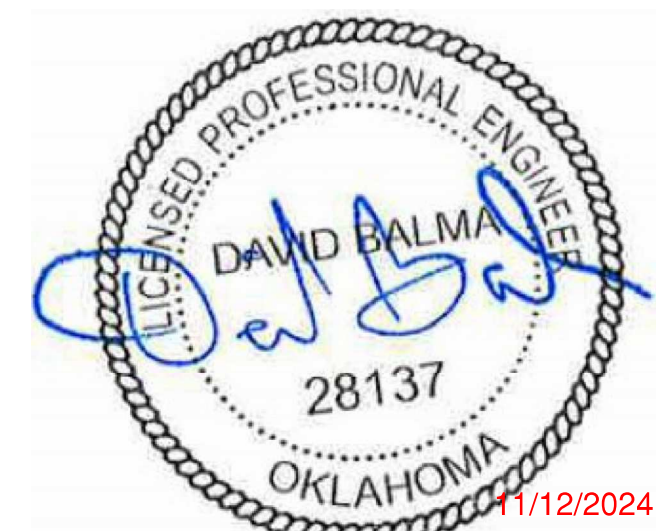
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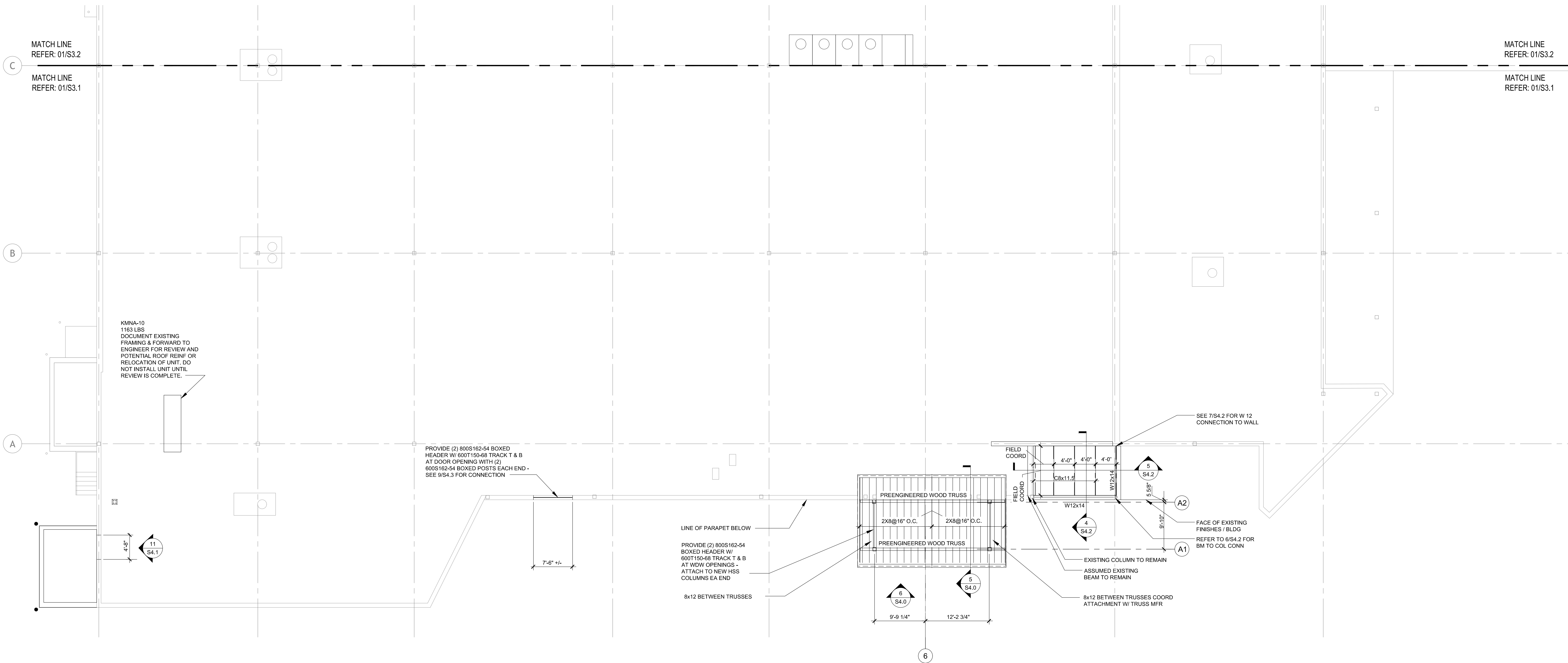
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1 FOUNDATION PLAN
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DATE

09/23

PROJECT NO.

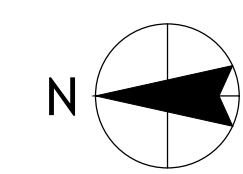
4090600-0

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SHEET NO.

S3.1



1

ENTRY ROOF FRAMING PLAN

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

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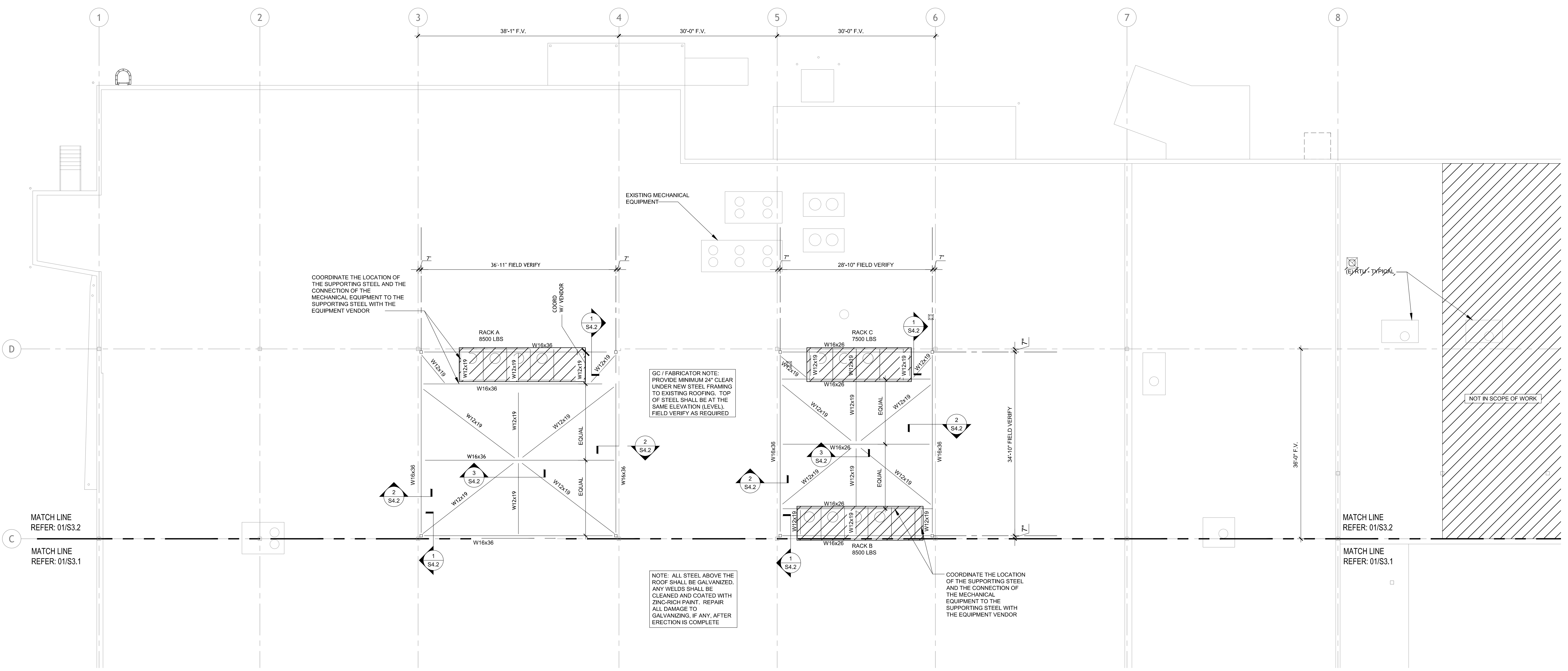
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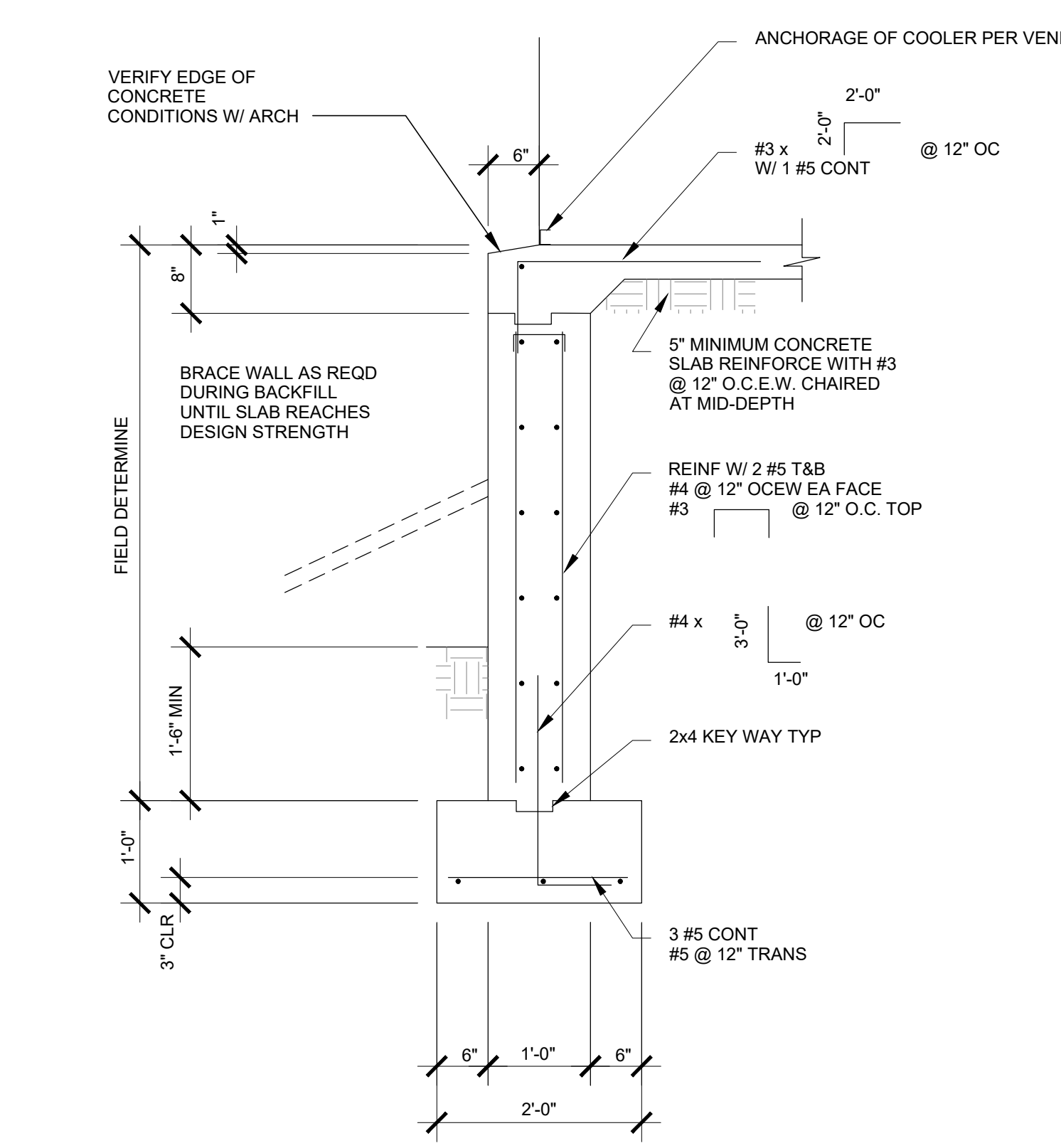
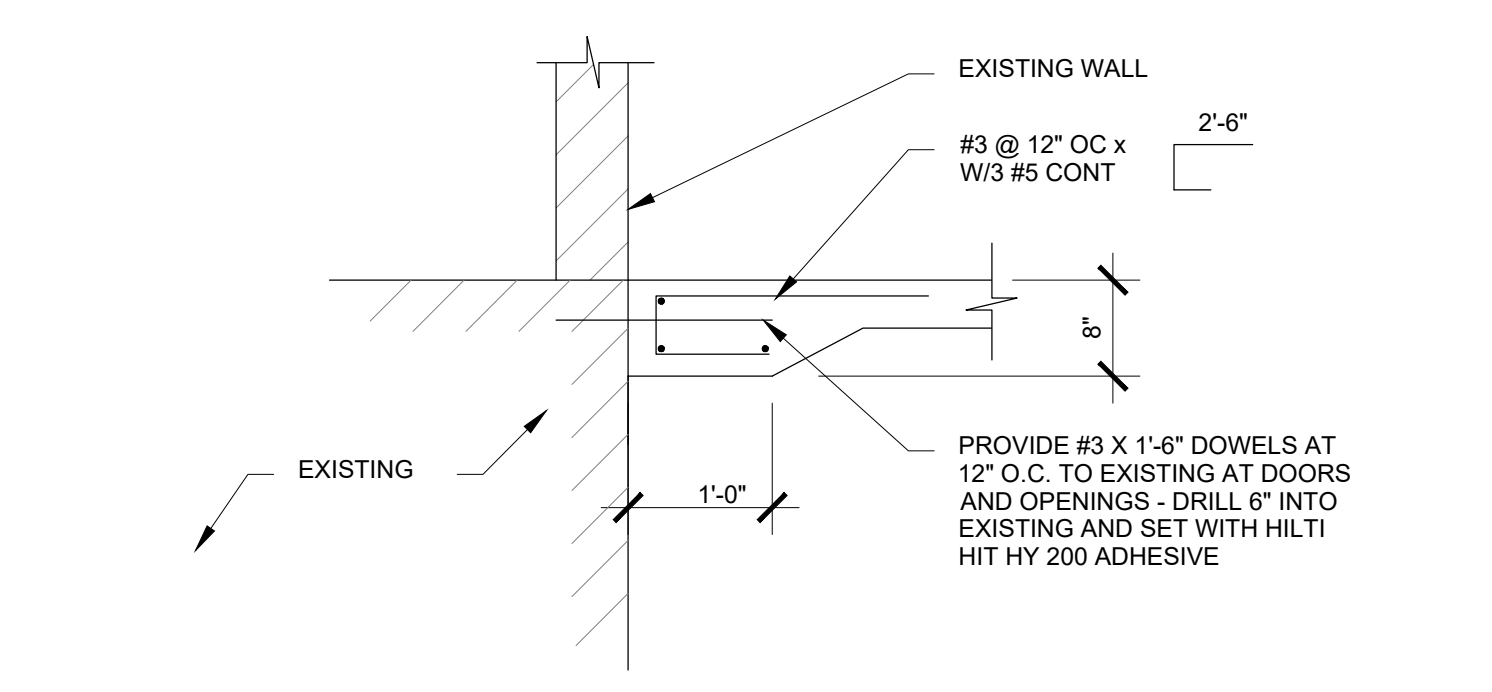
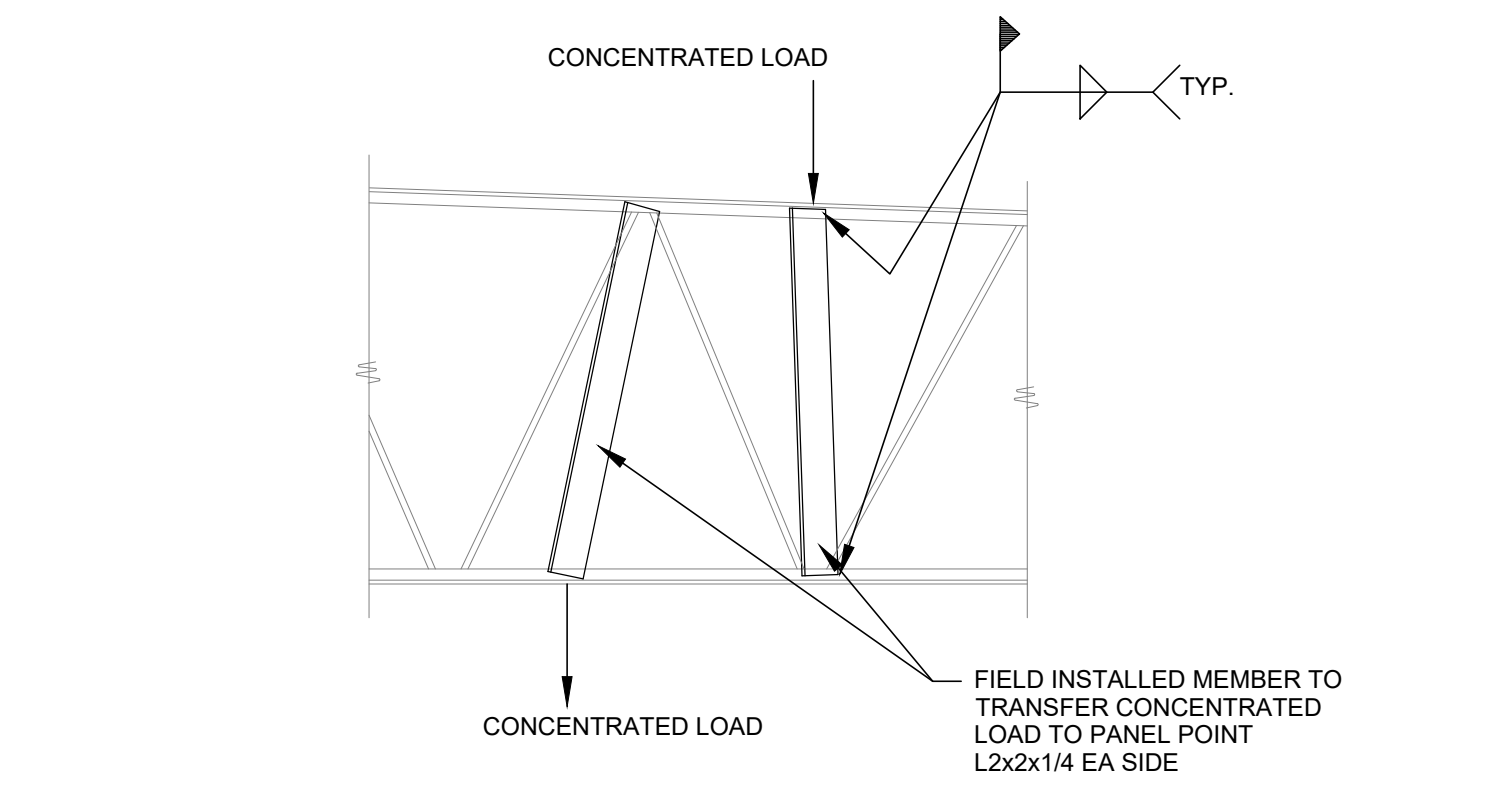
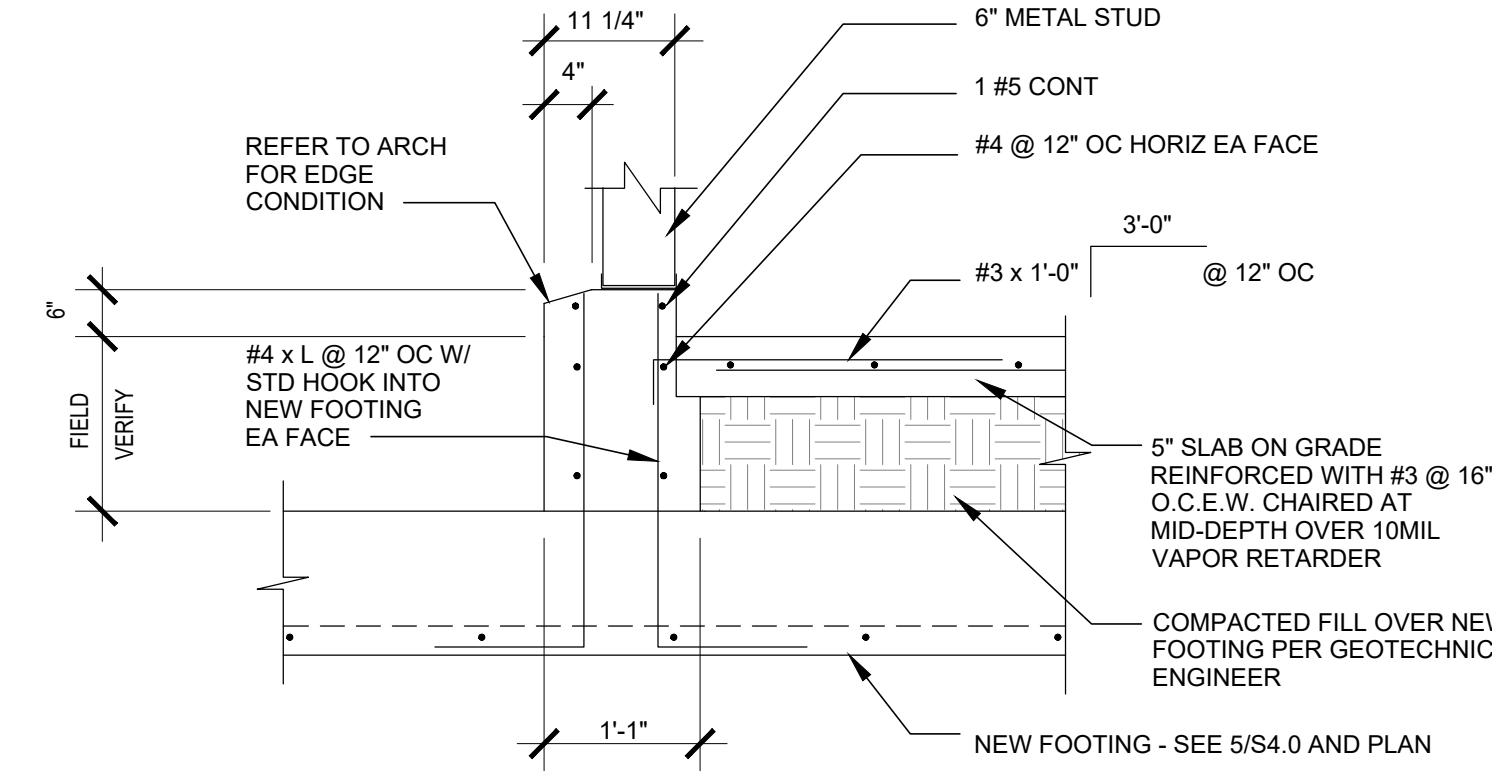
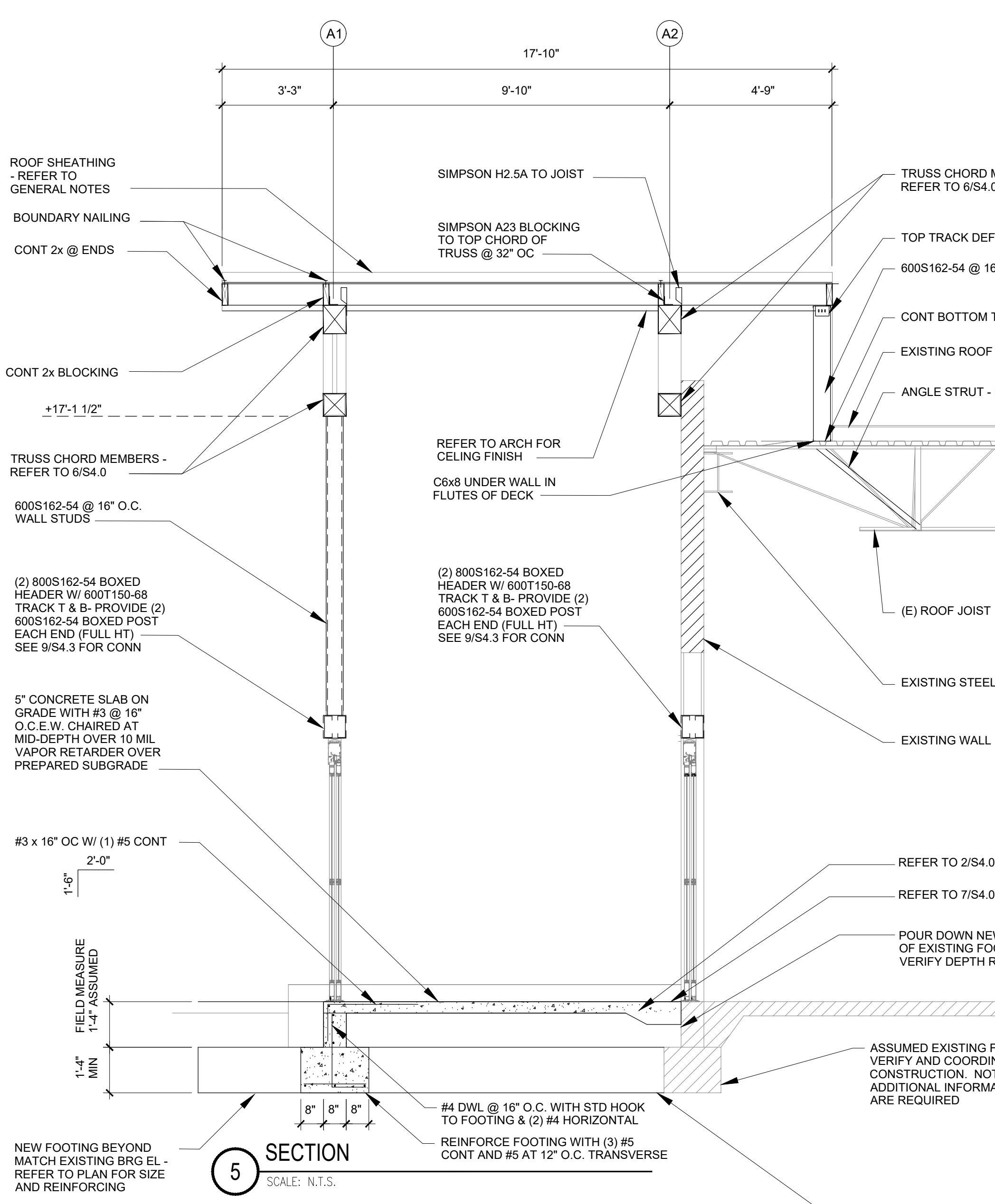
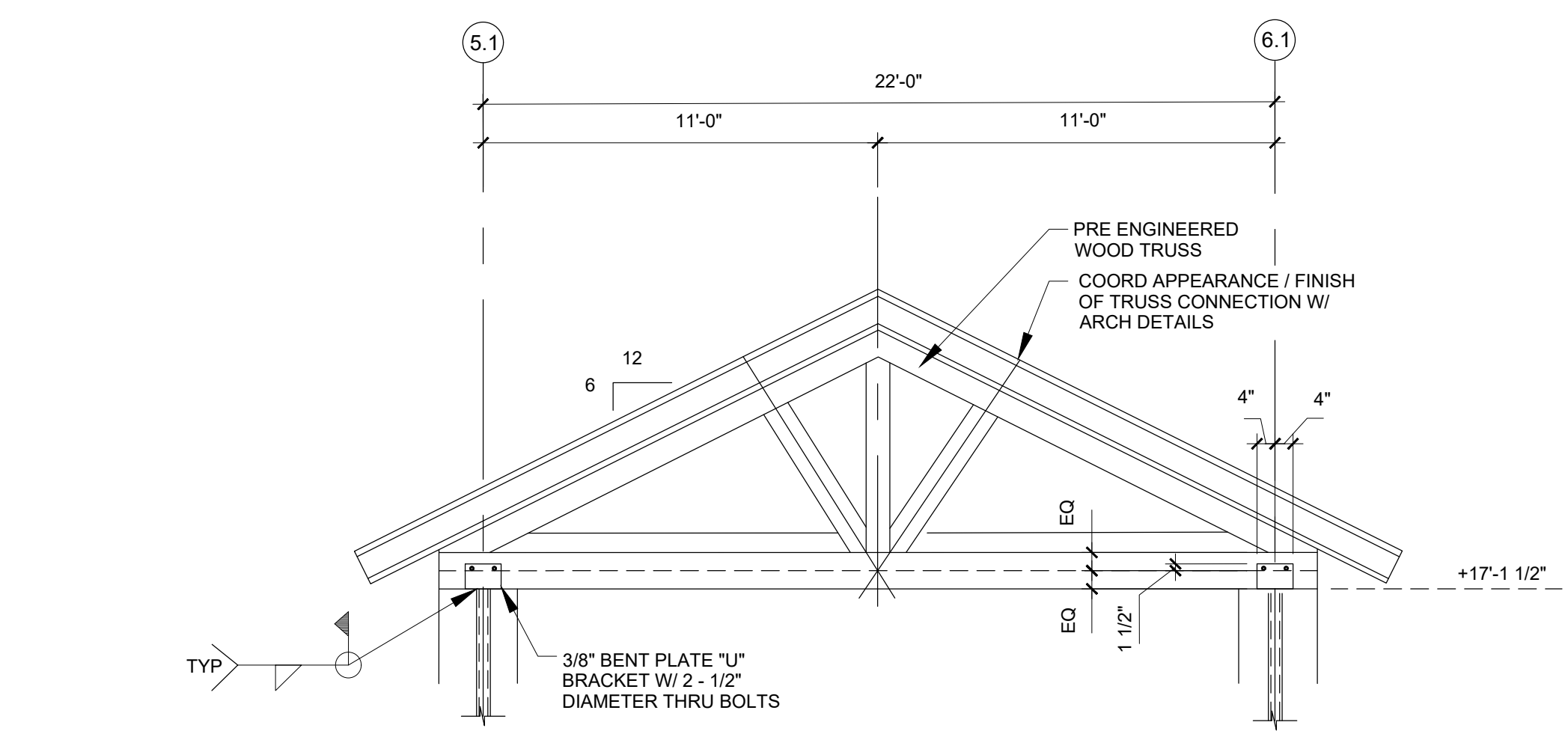
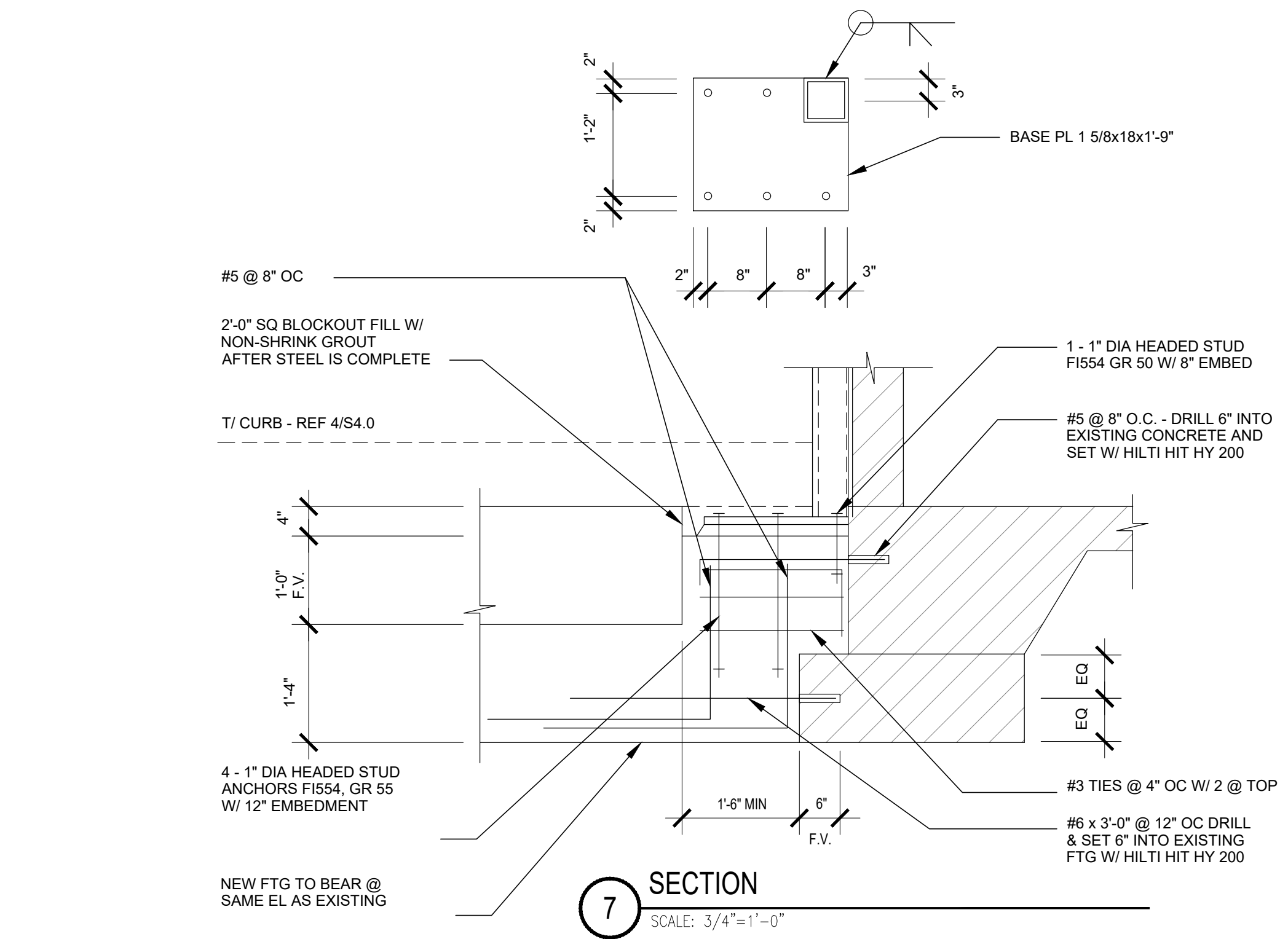
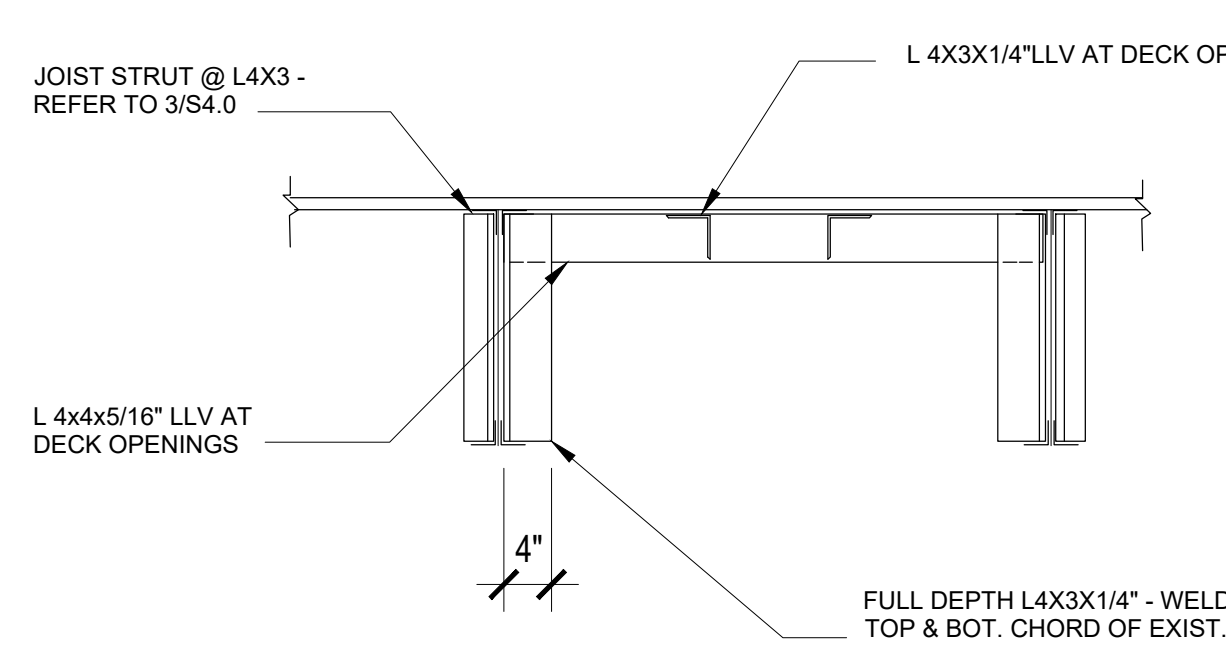
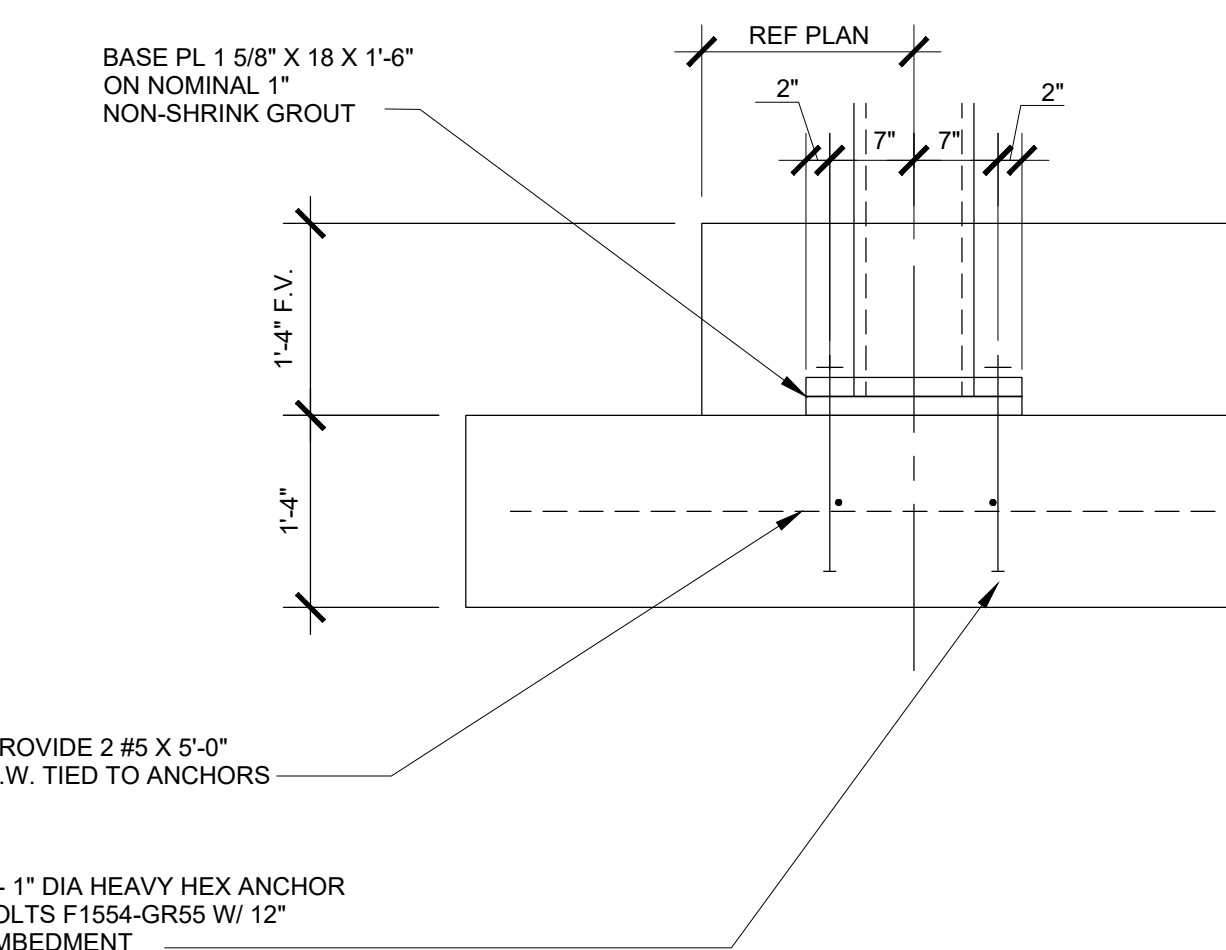
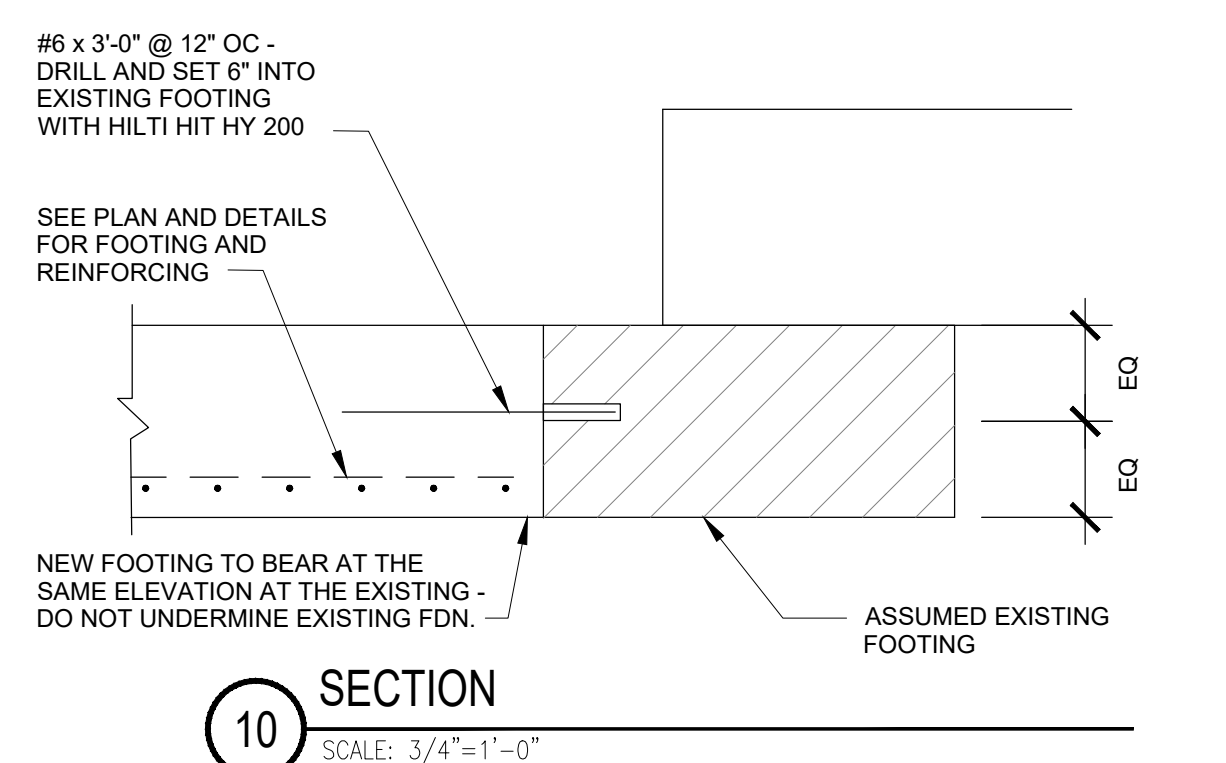
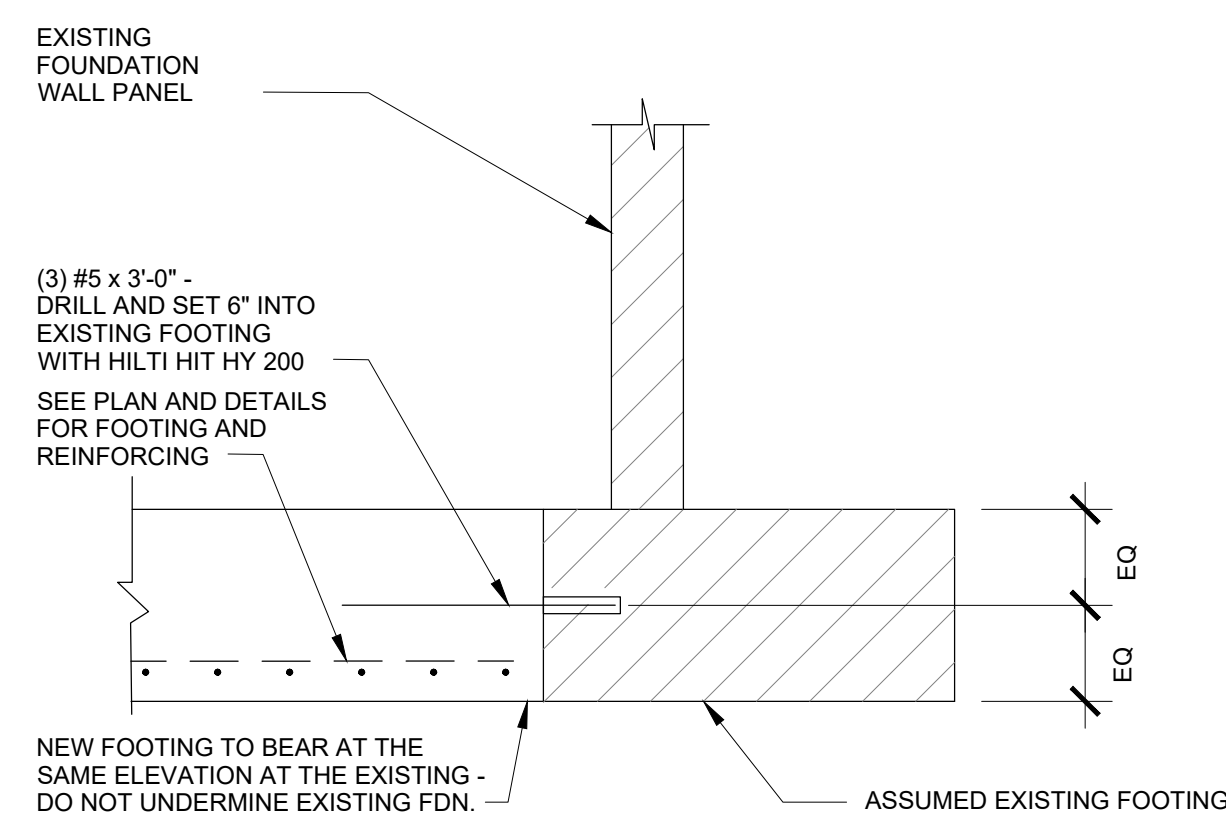
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1 ENTRY ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



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#906

LANGLEY, OK

REMODEL

Reason's

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NO.	DATE	REVISION DESCRIPTION
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DATE: **09/23**

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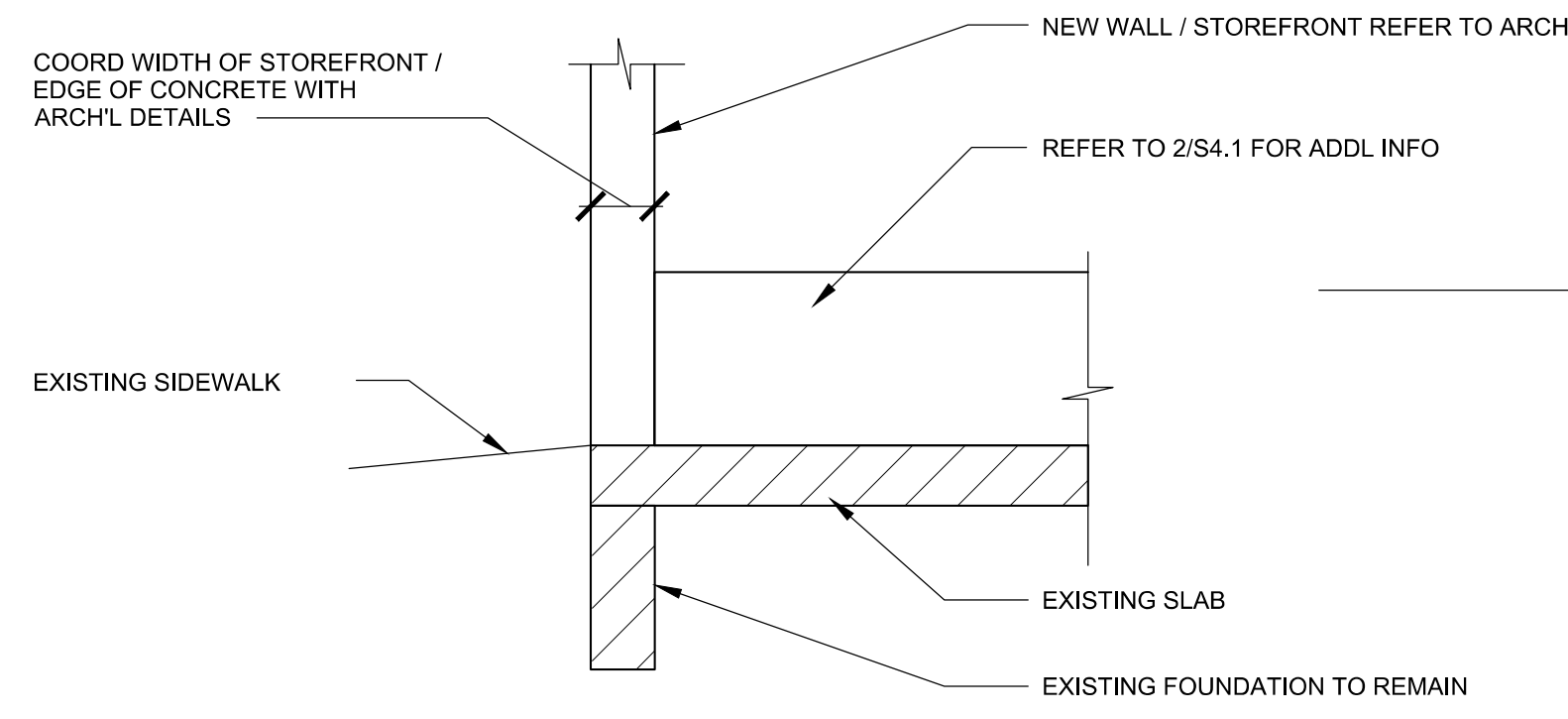
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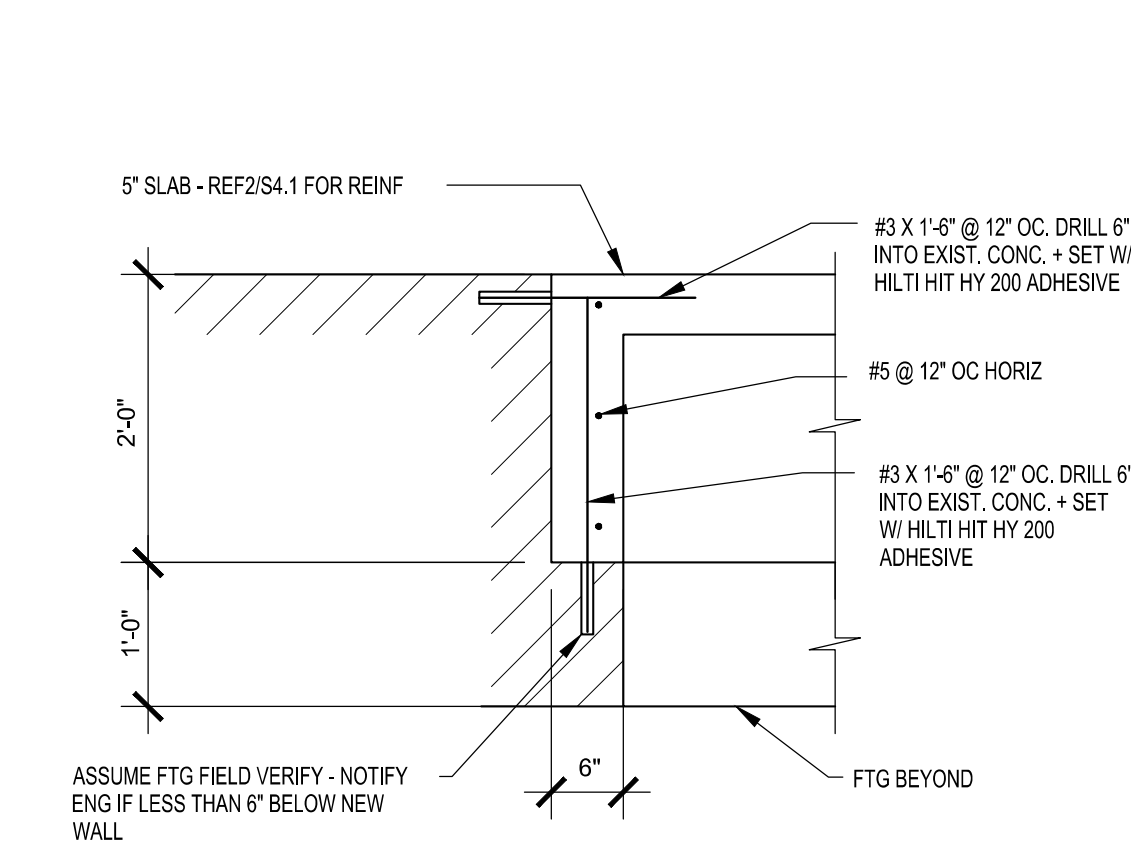
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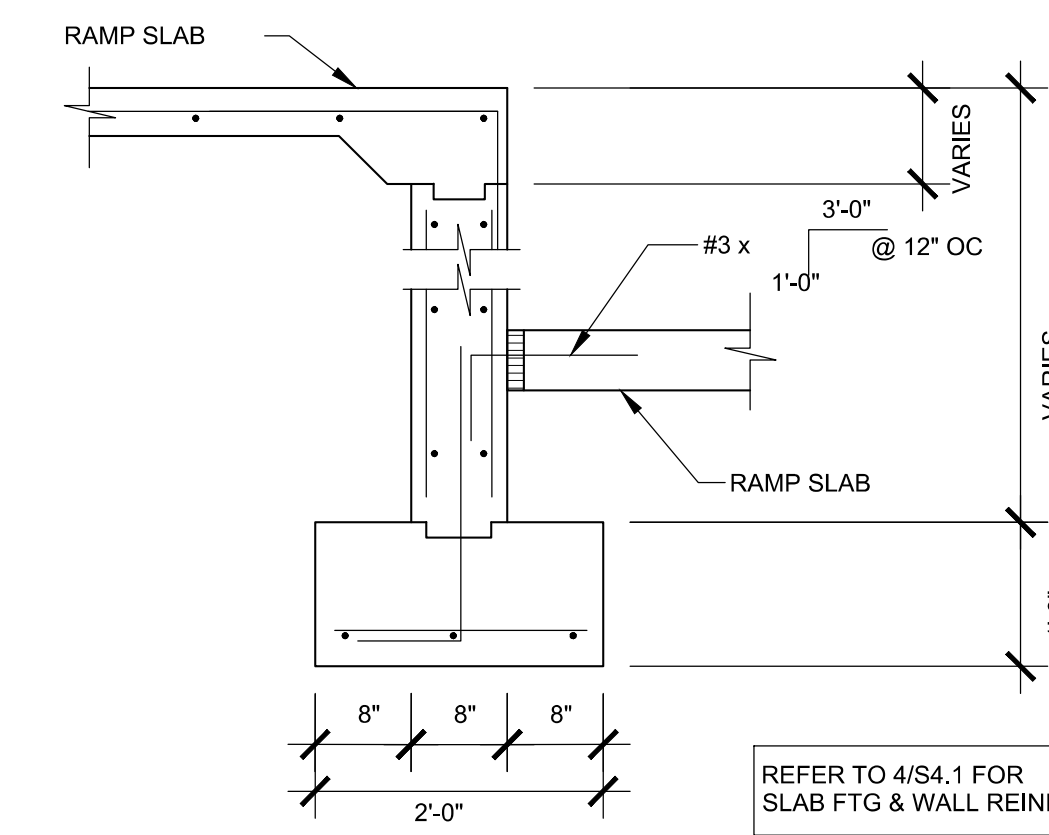
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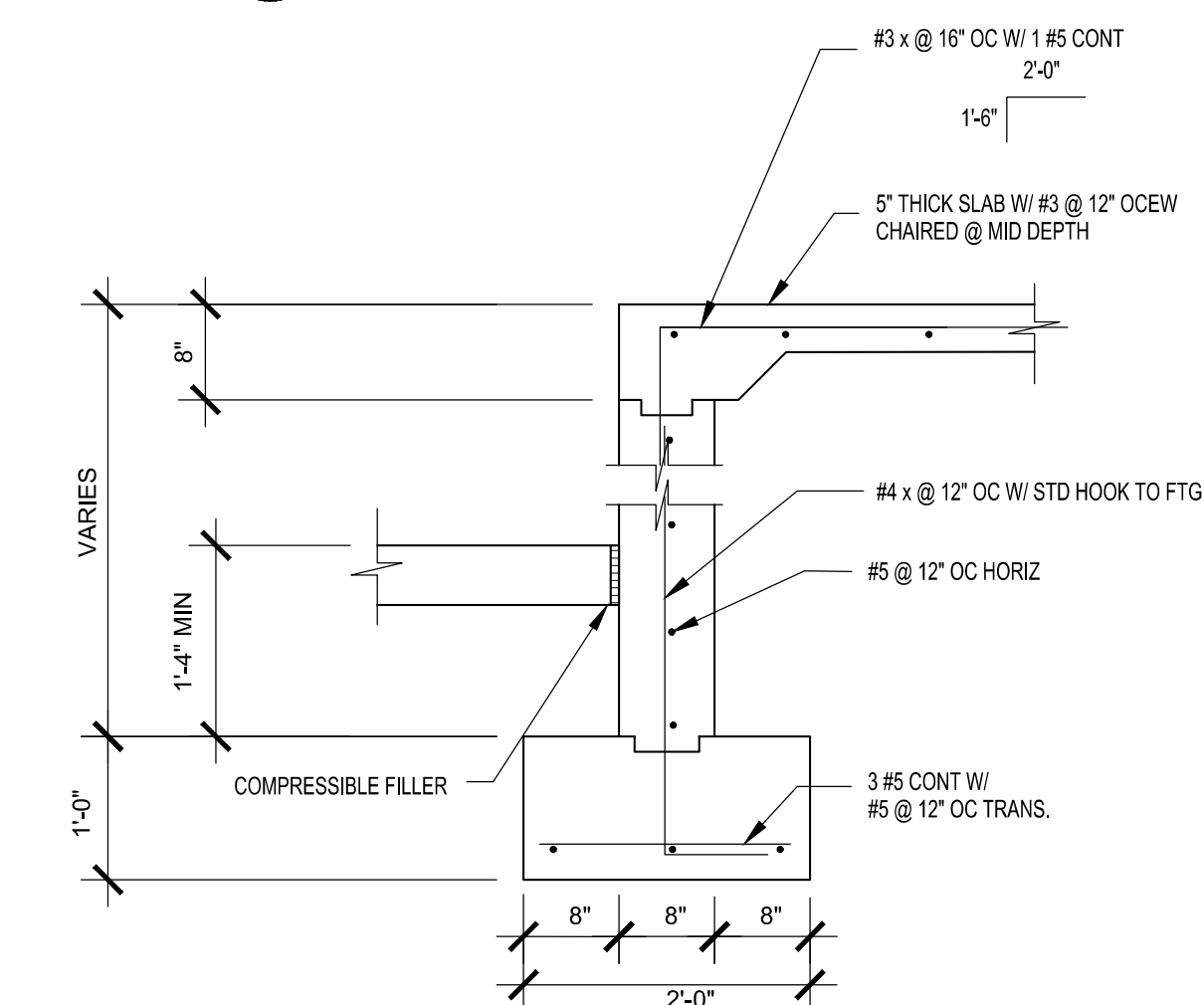
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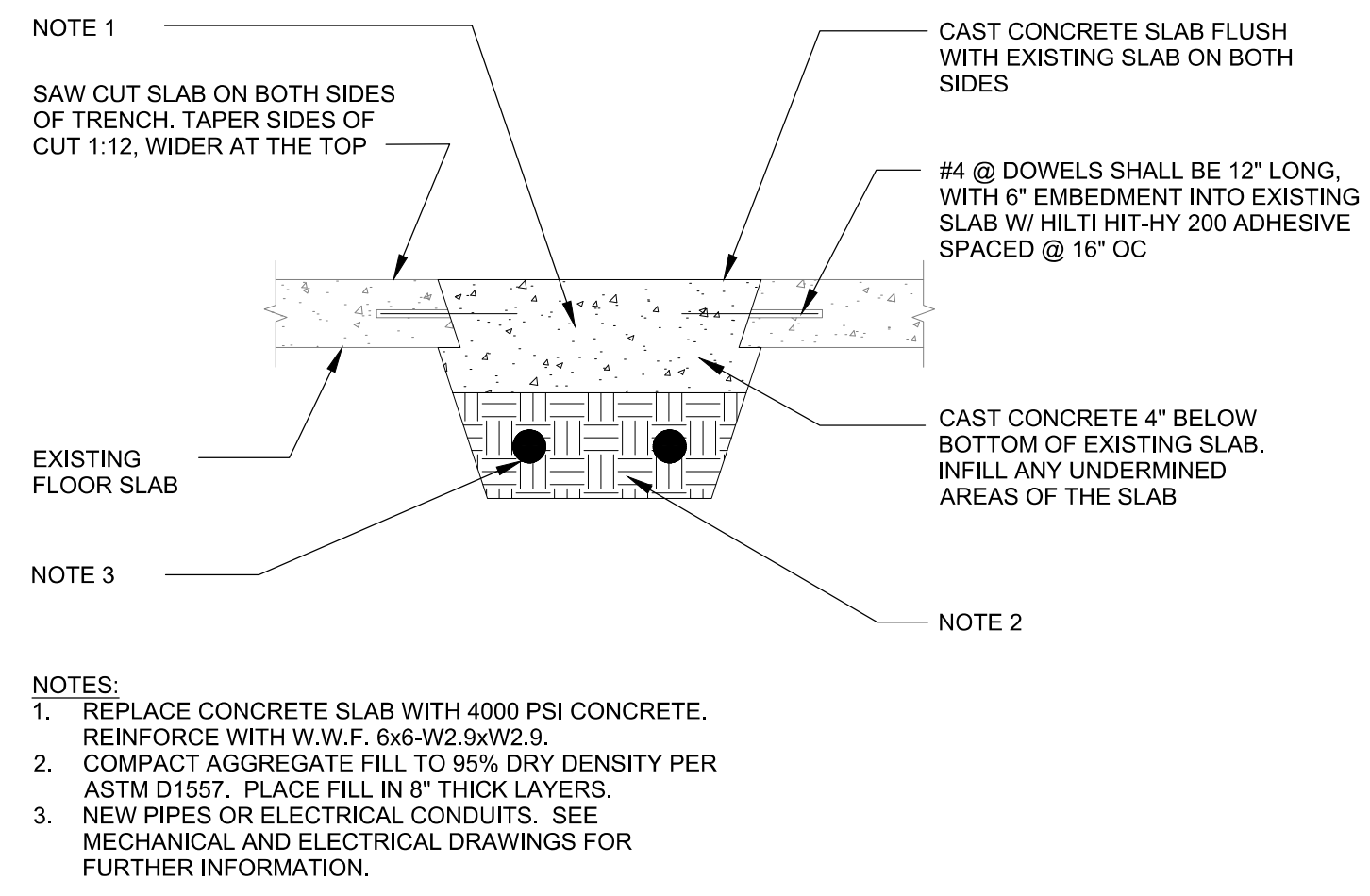
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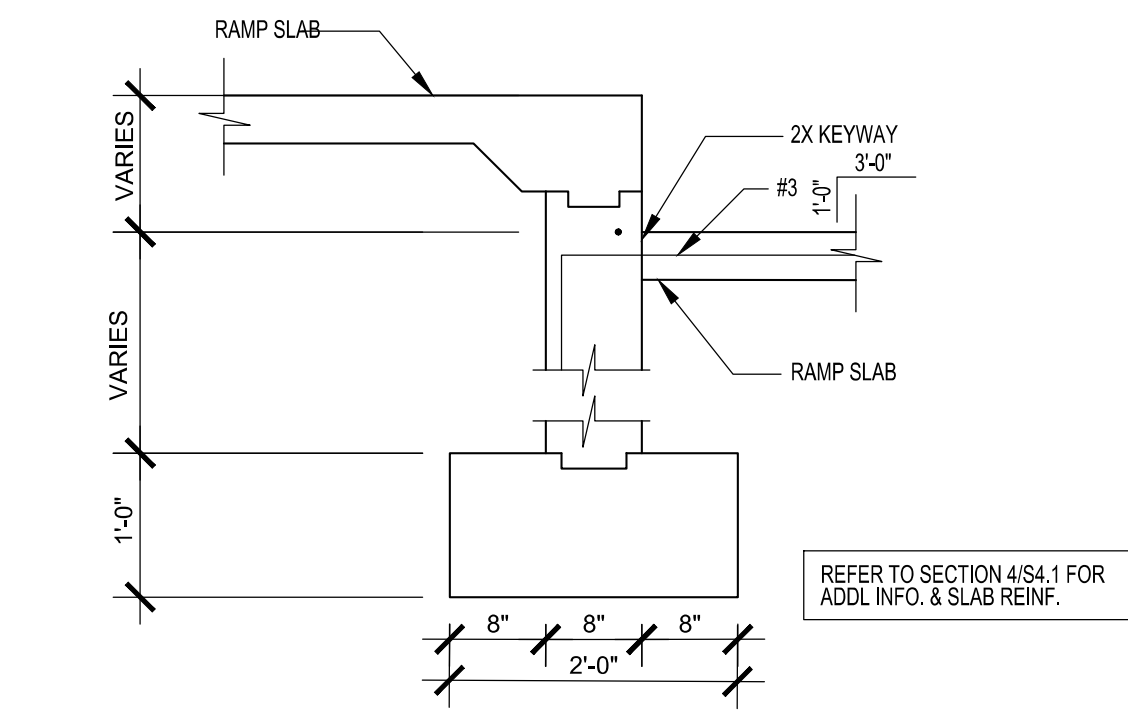
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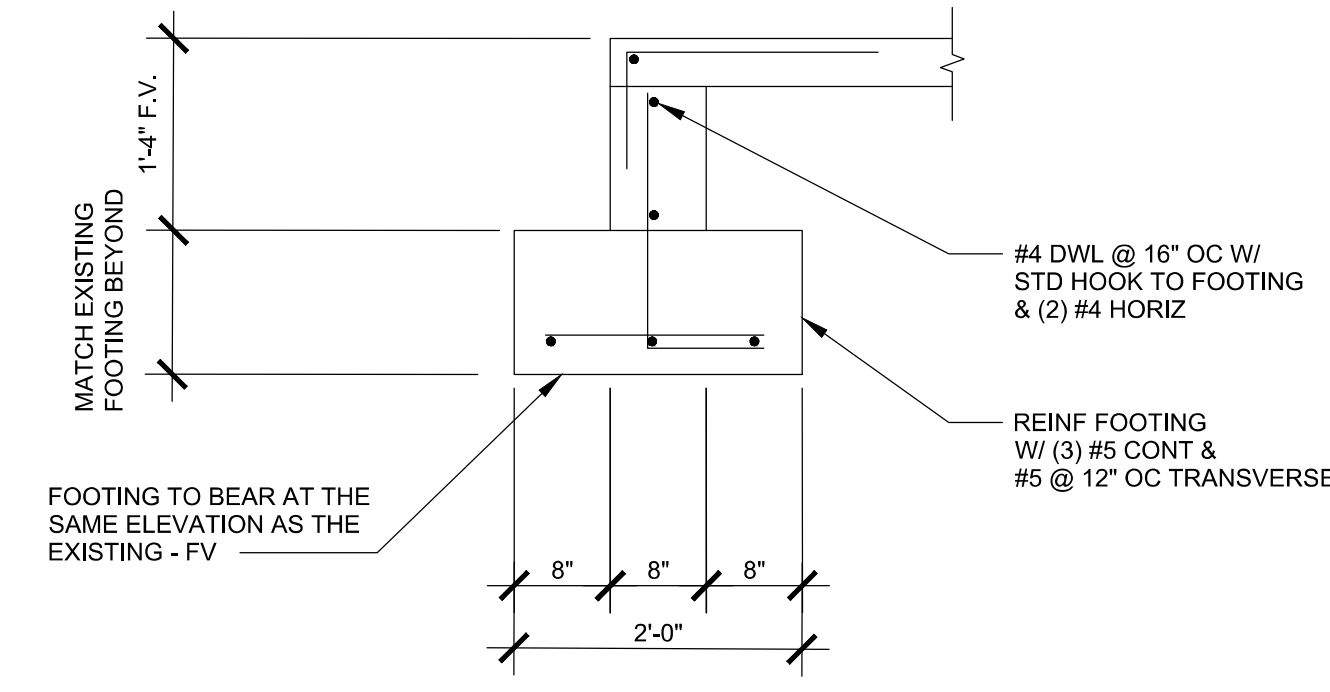
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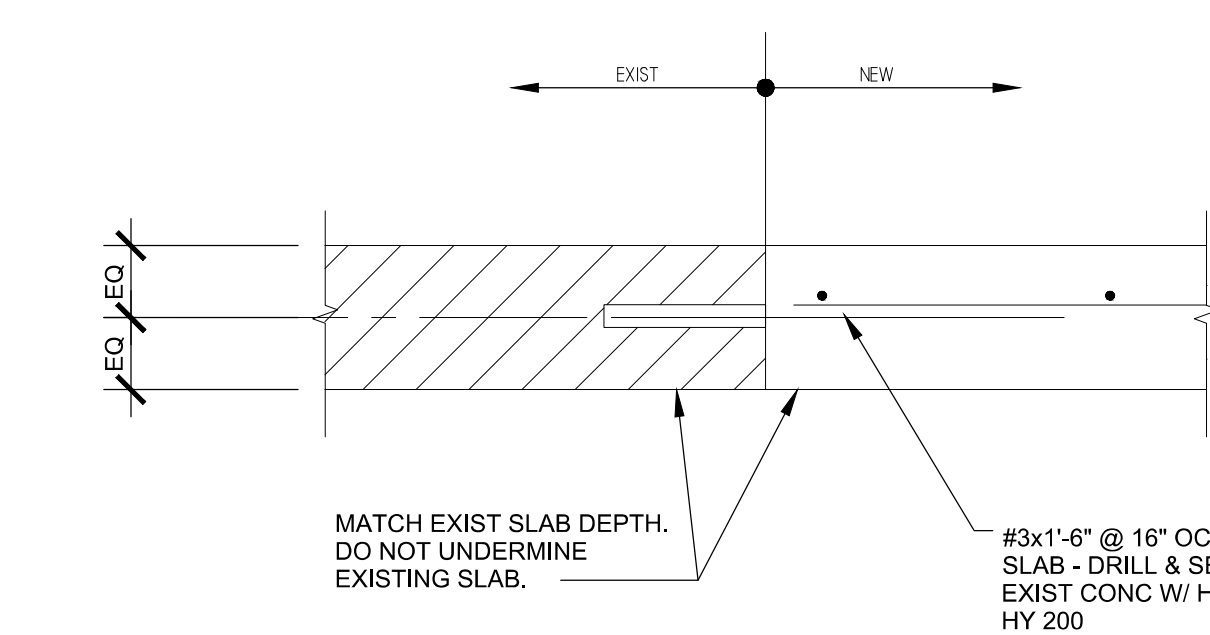
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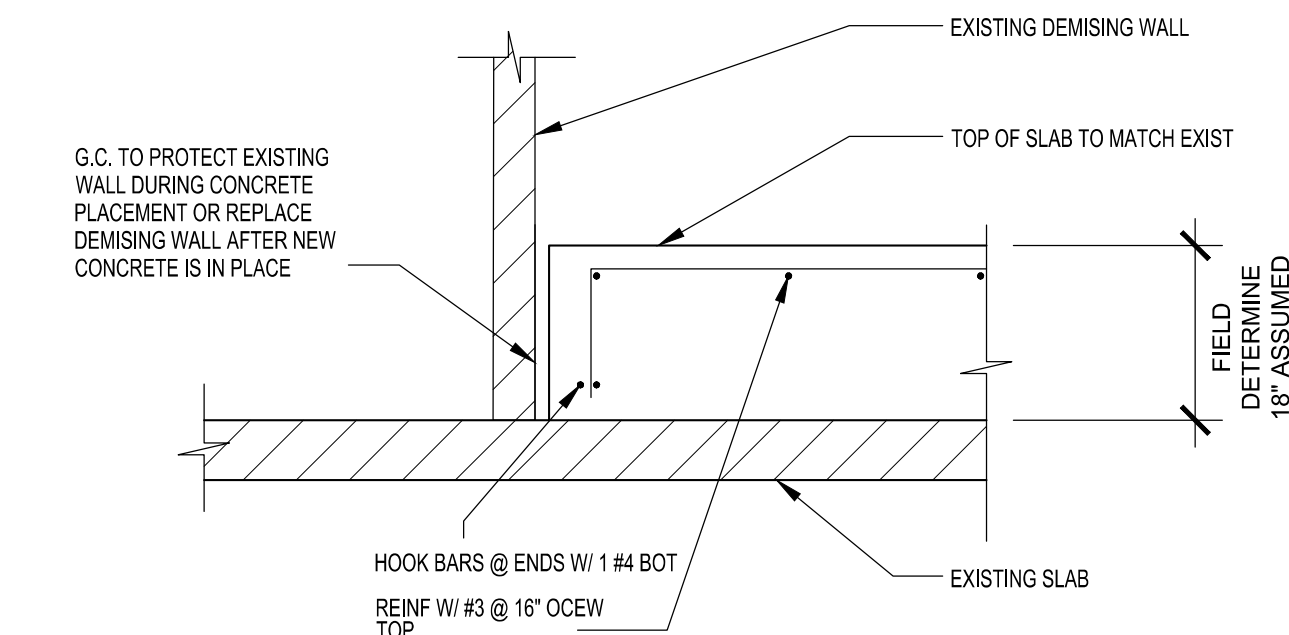
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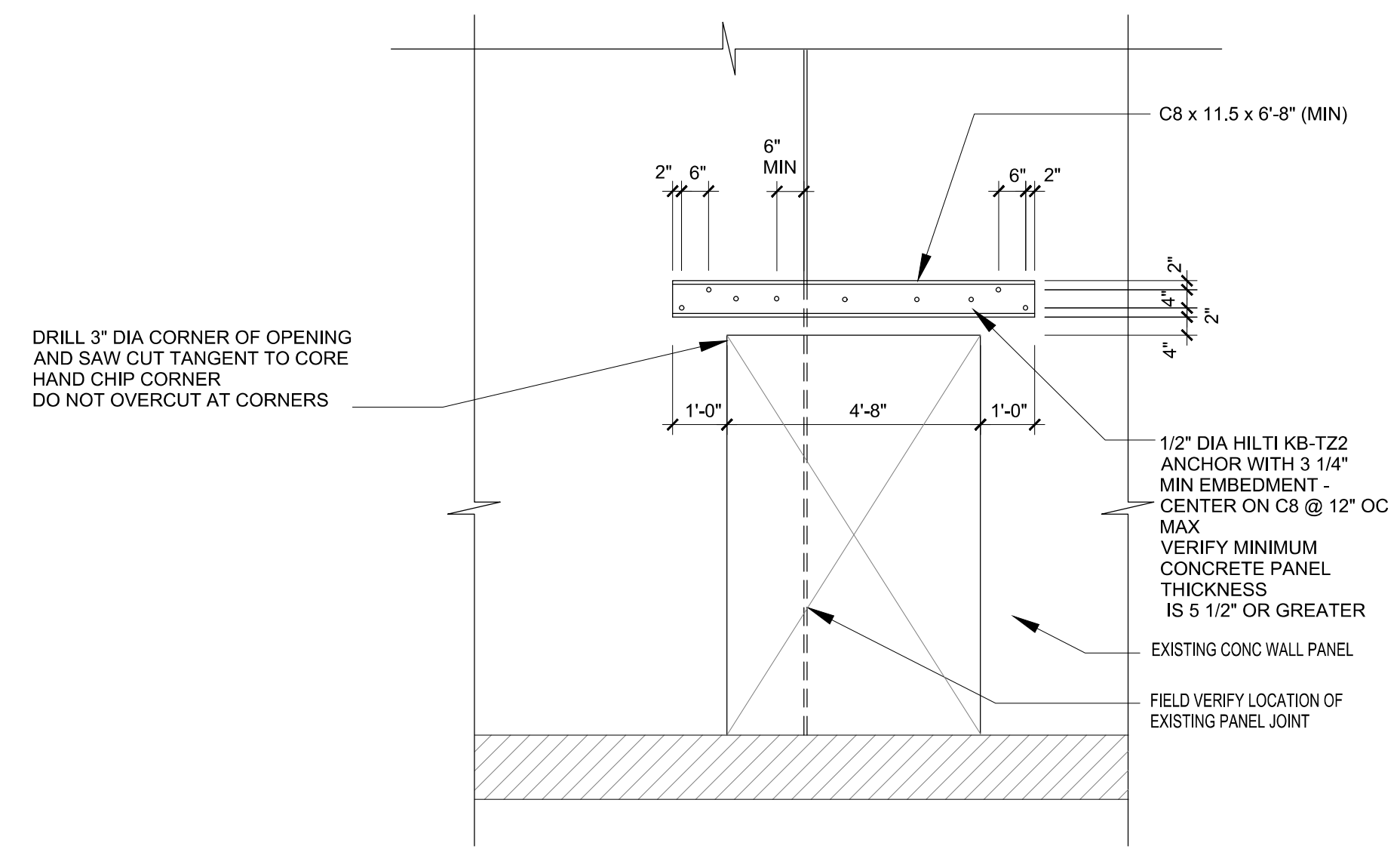
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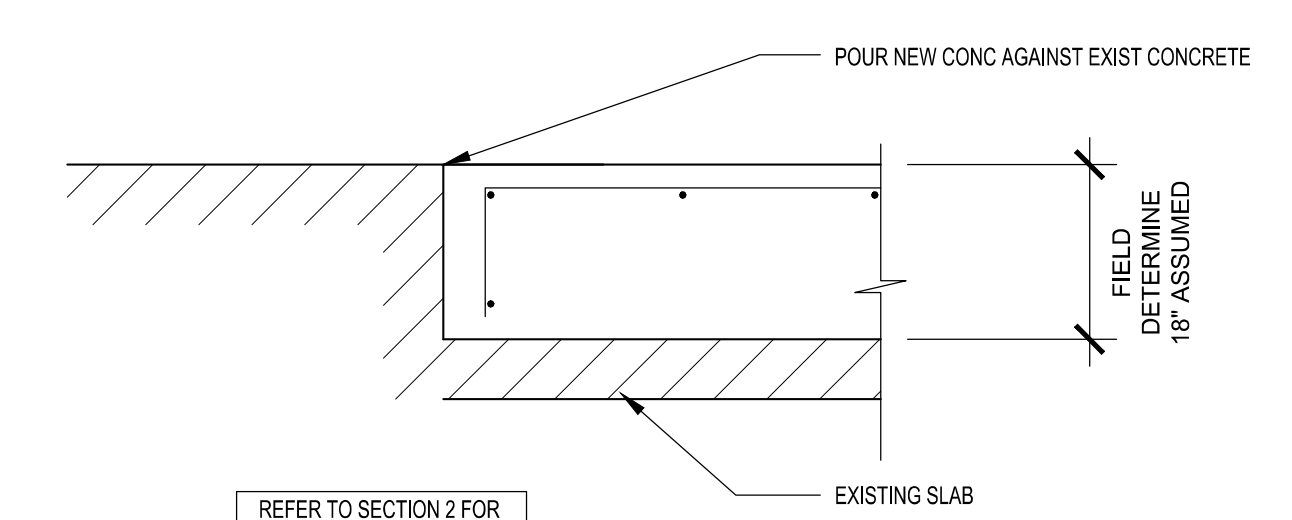
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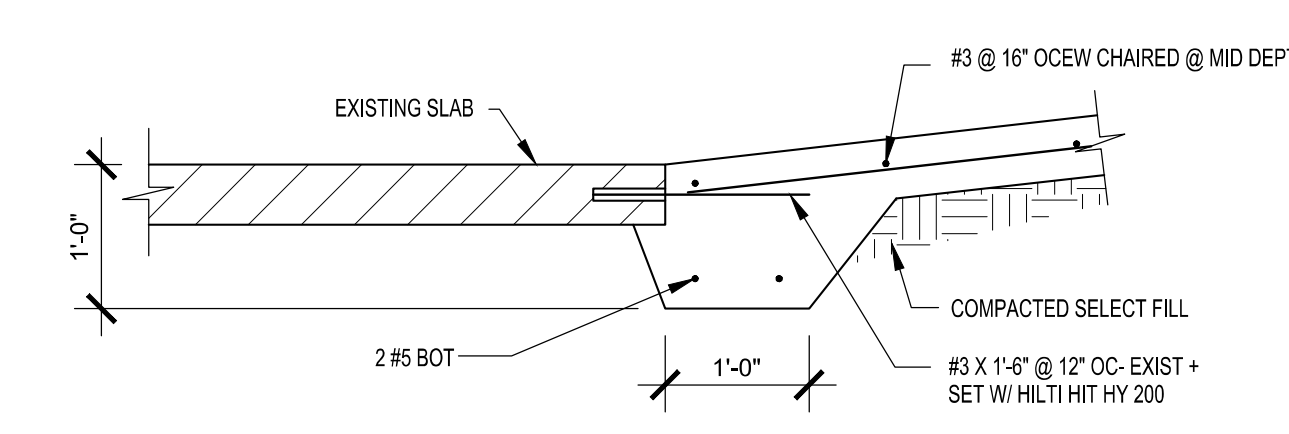
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11 OPENING ELEVATION
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6 SECTION
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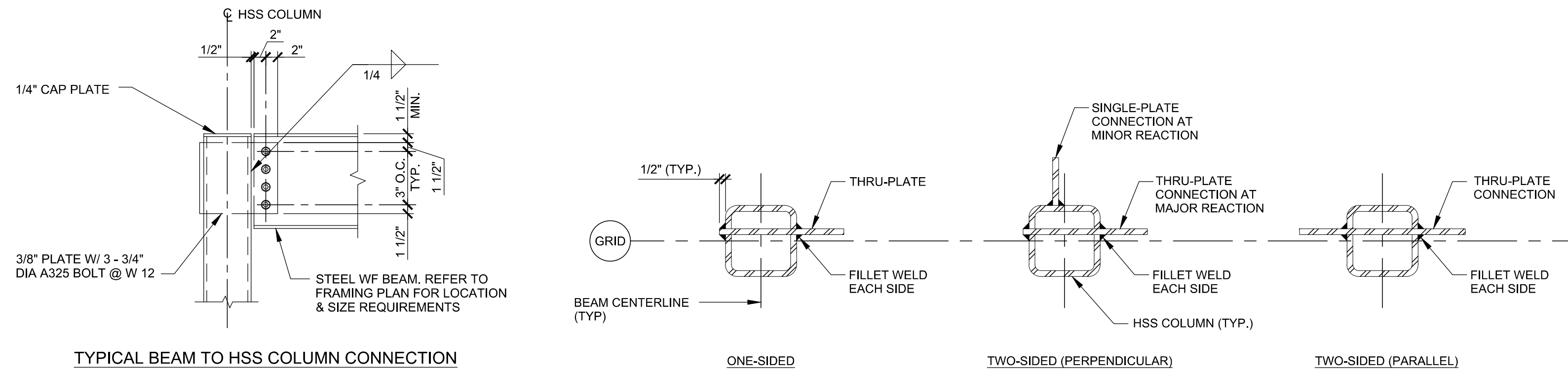
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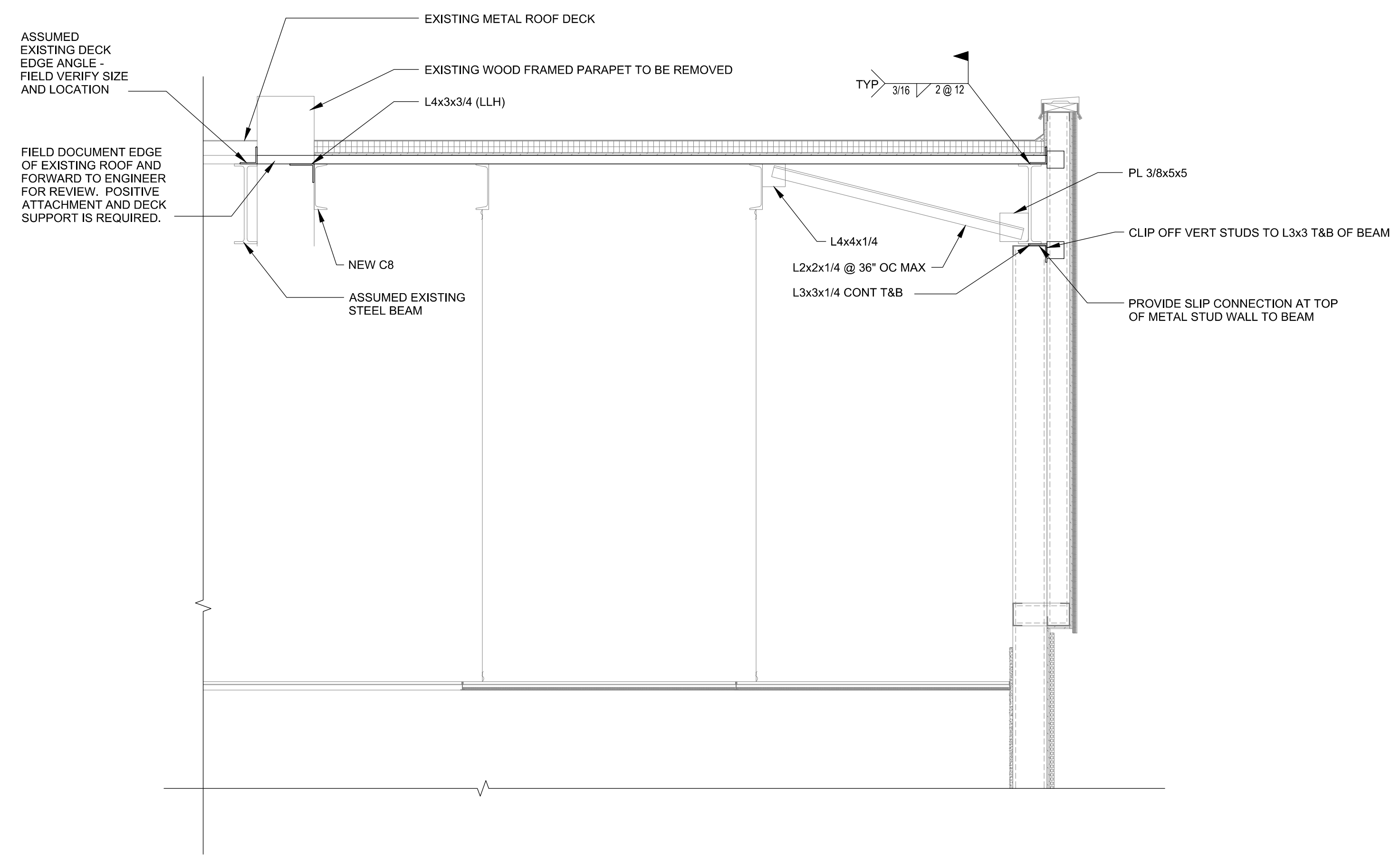
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DATE	09/23
PROJECT NO.	4090600-0
STORE NO.	906
SHEET NO.	S4.1

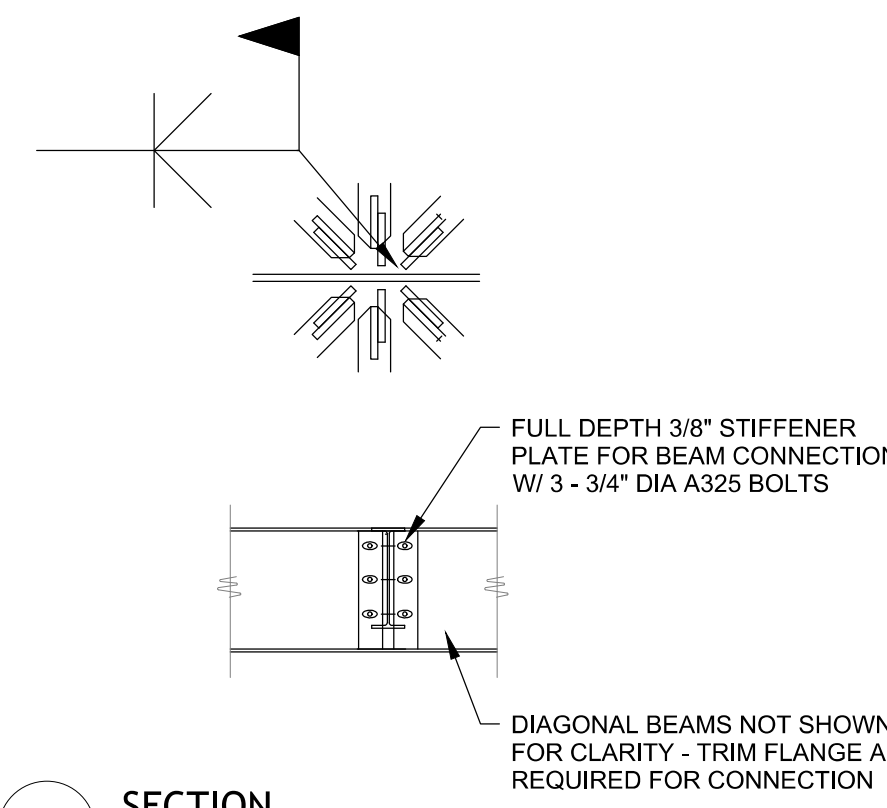
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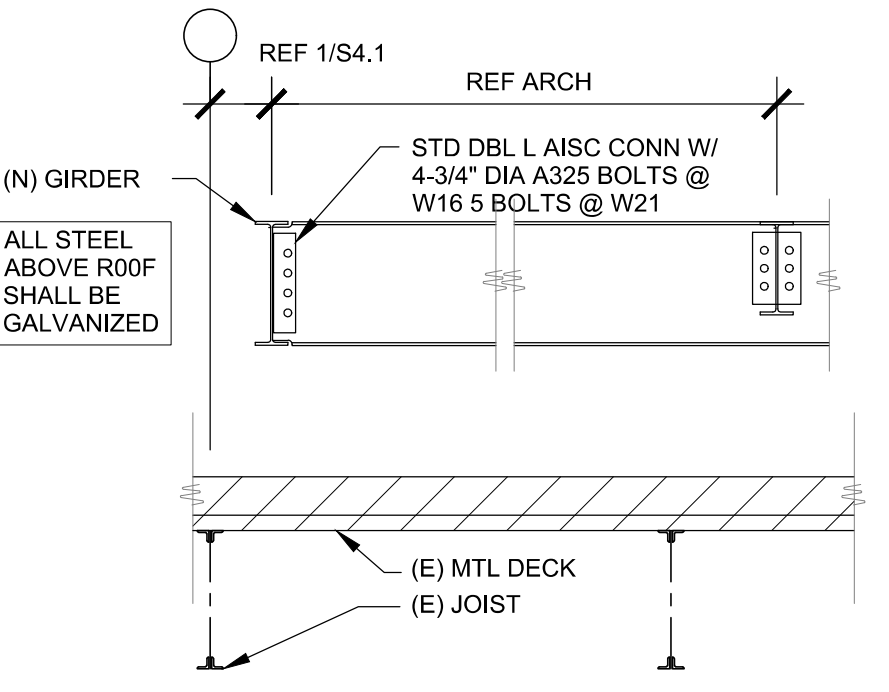
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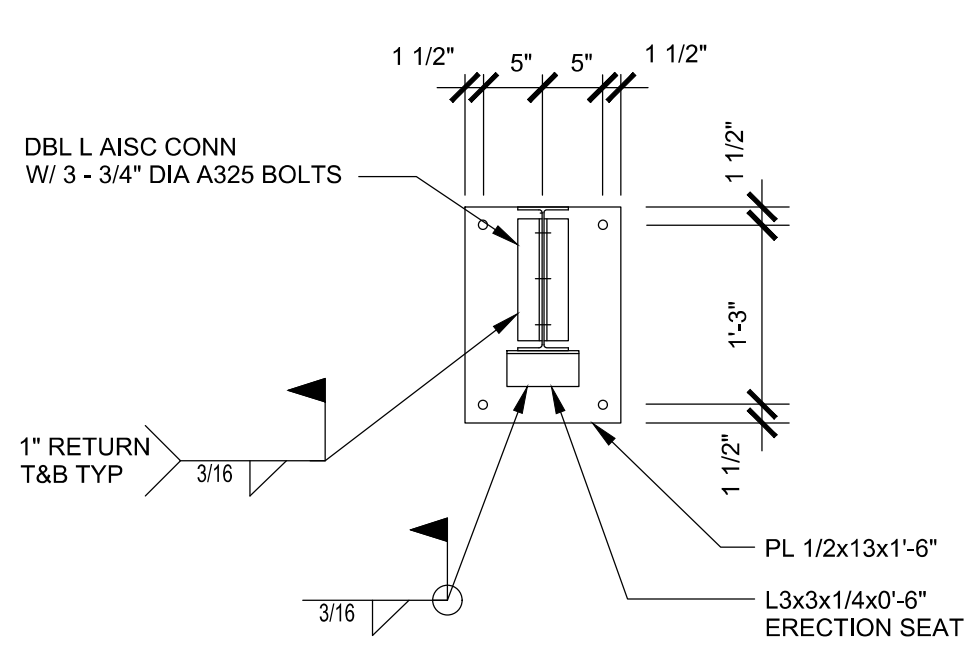
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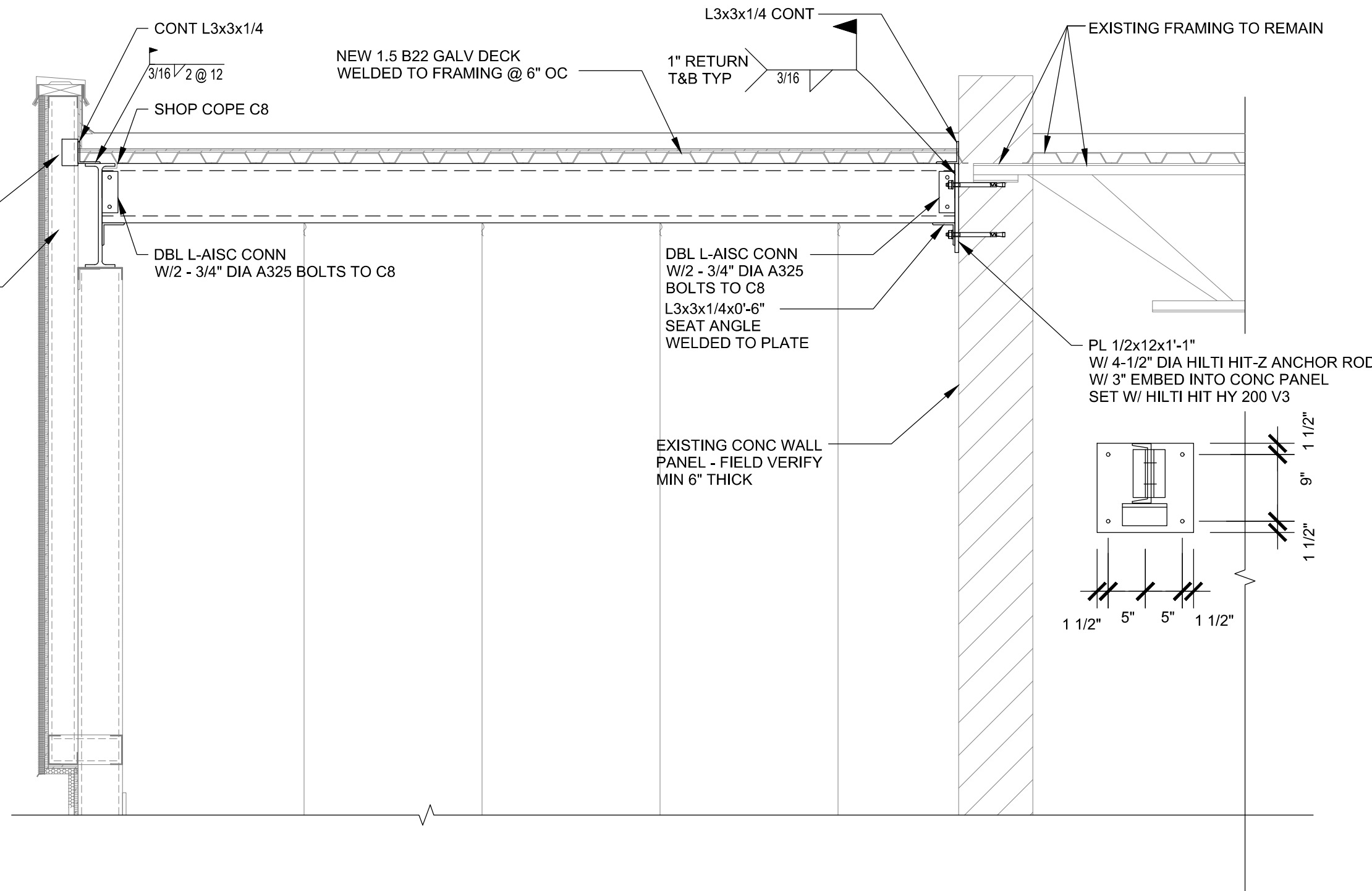
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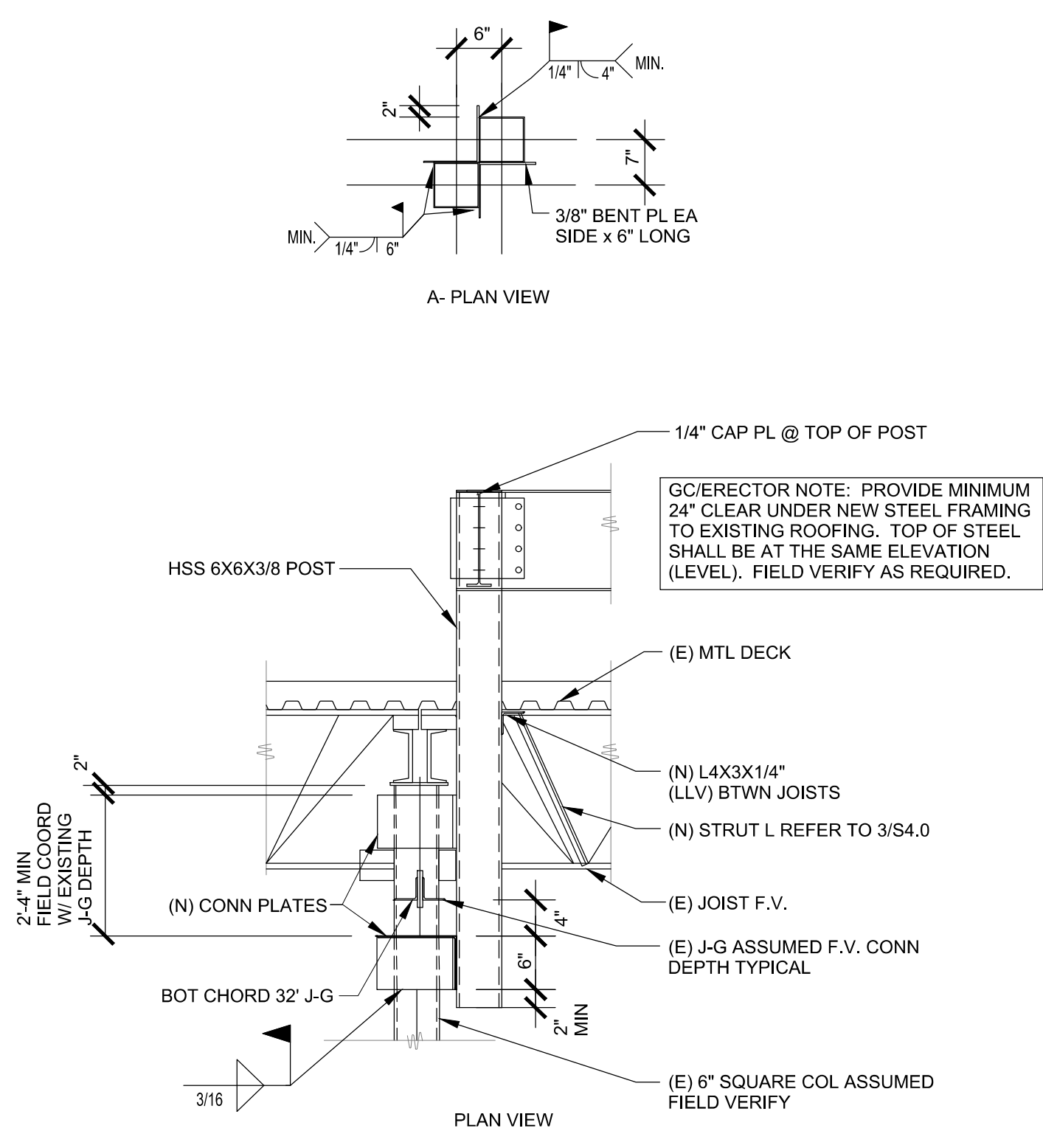
2 SECTION
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7 DETAIL
SCALE: N.T.S.



4 SECTION
SCALE: N.T.S.



1 SECTION
SCALE: N.T.S.

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DAVID PALMA
LICENSED PROFESSIONAL ENGINEER
28137
OKLAHOMA
11/12/2024

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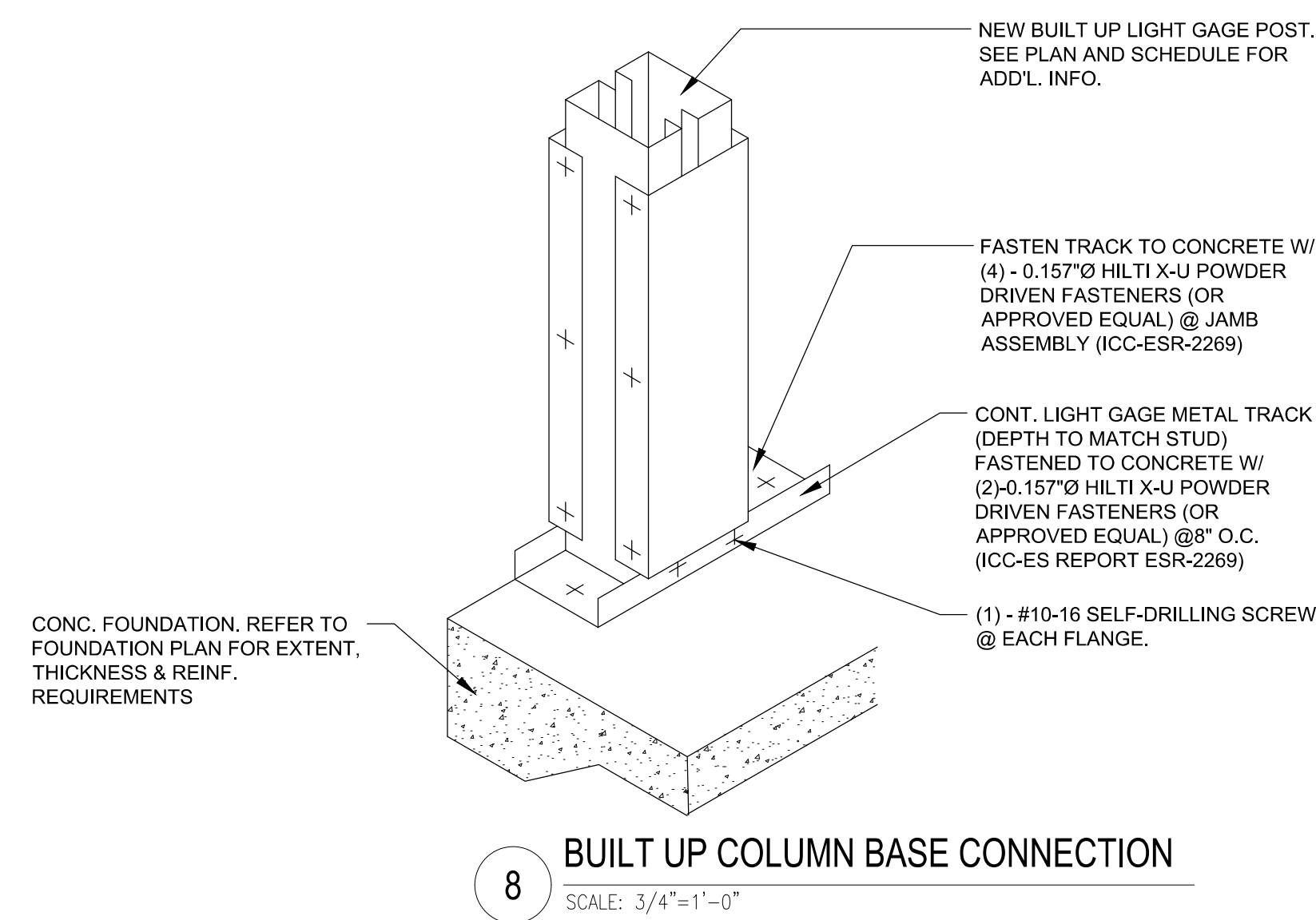
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LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

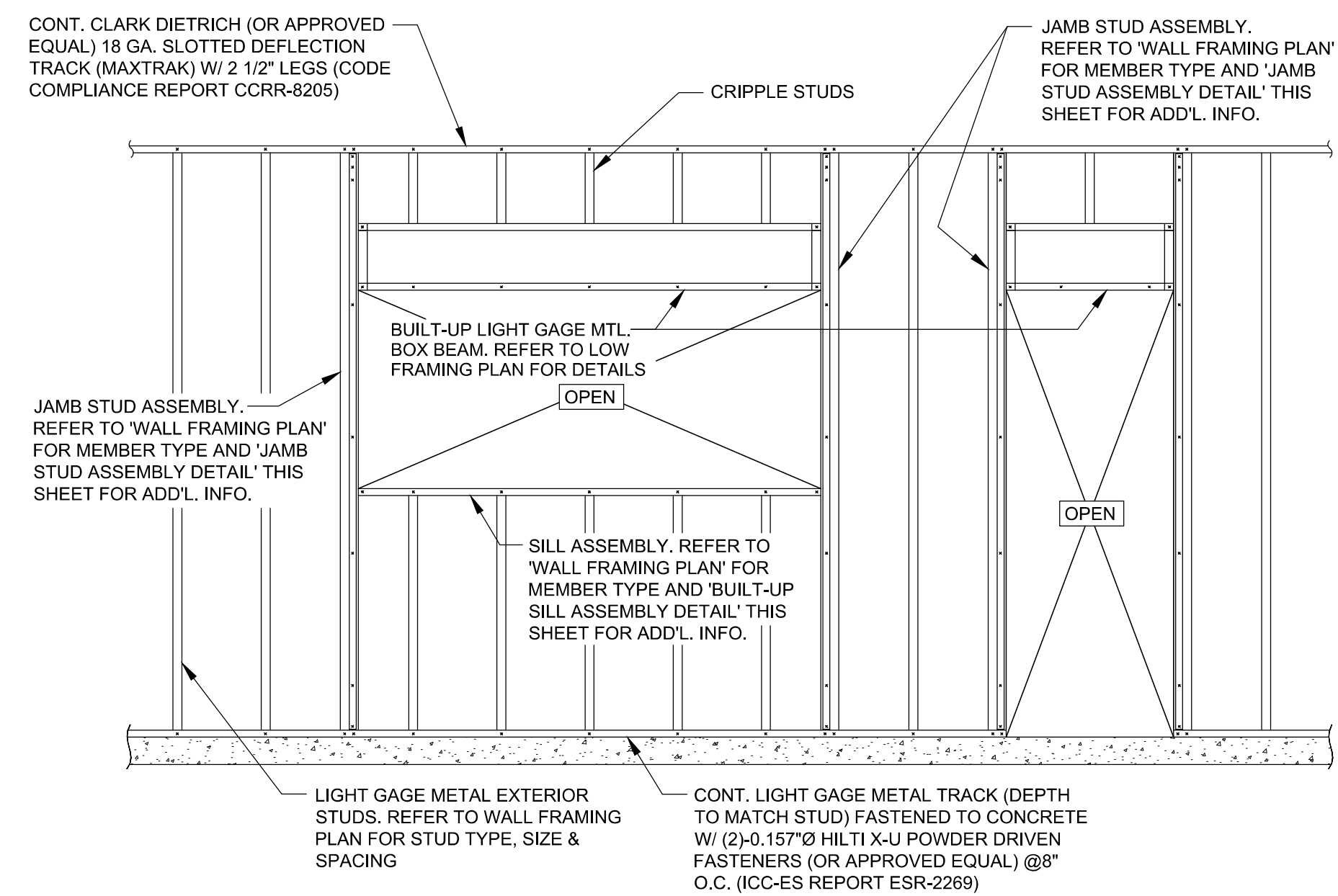
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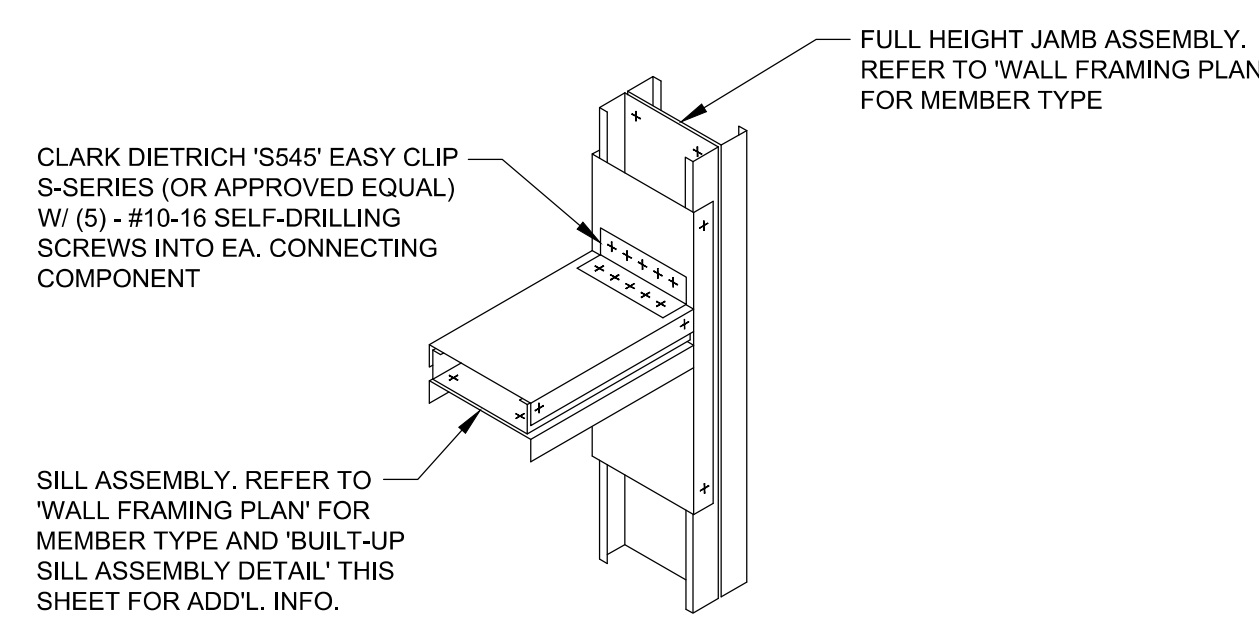
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DATE: 09/23
PROJECT NO: 4090600-0
STORE NO.
906
SHEET NO.
S4.2



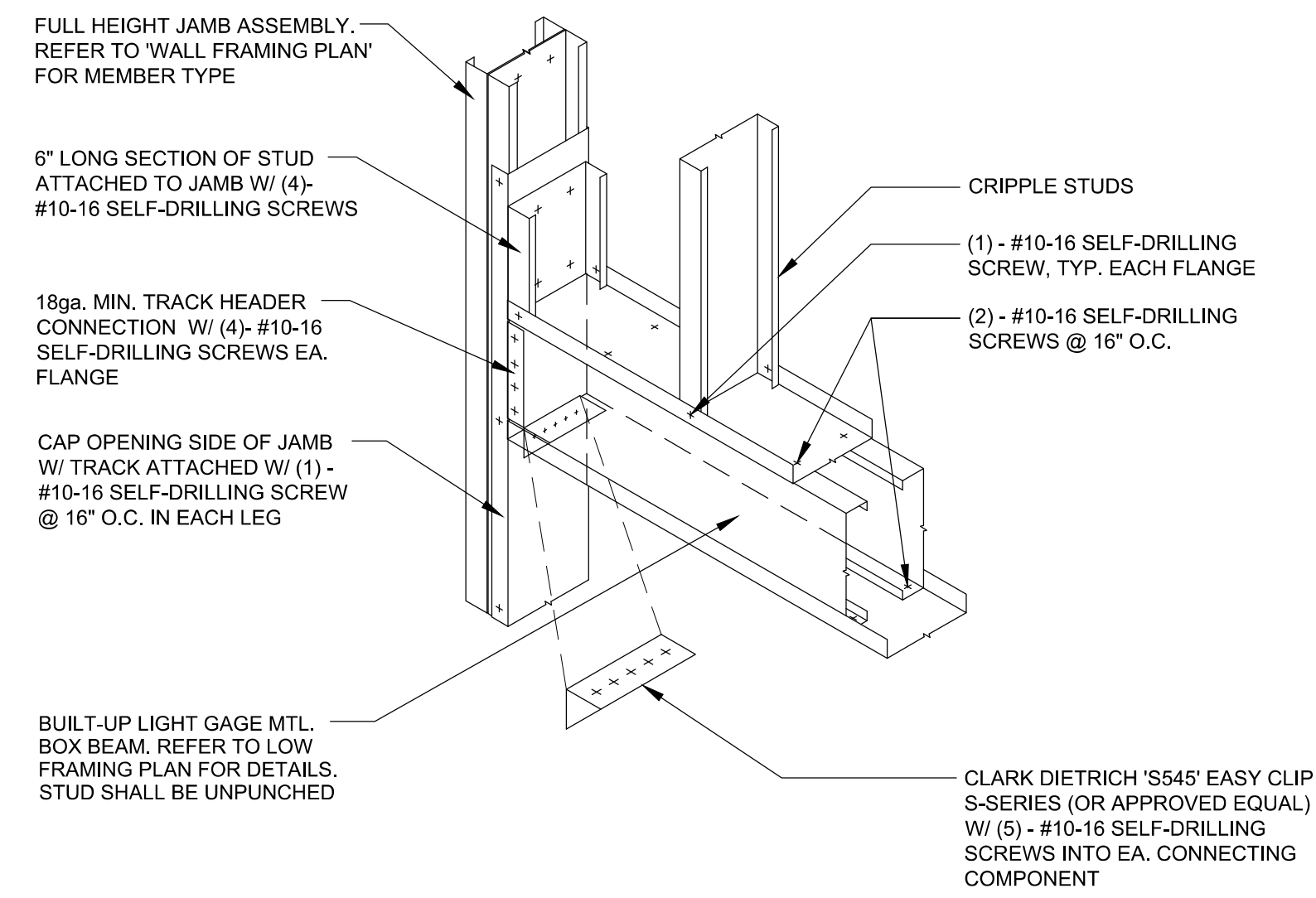
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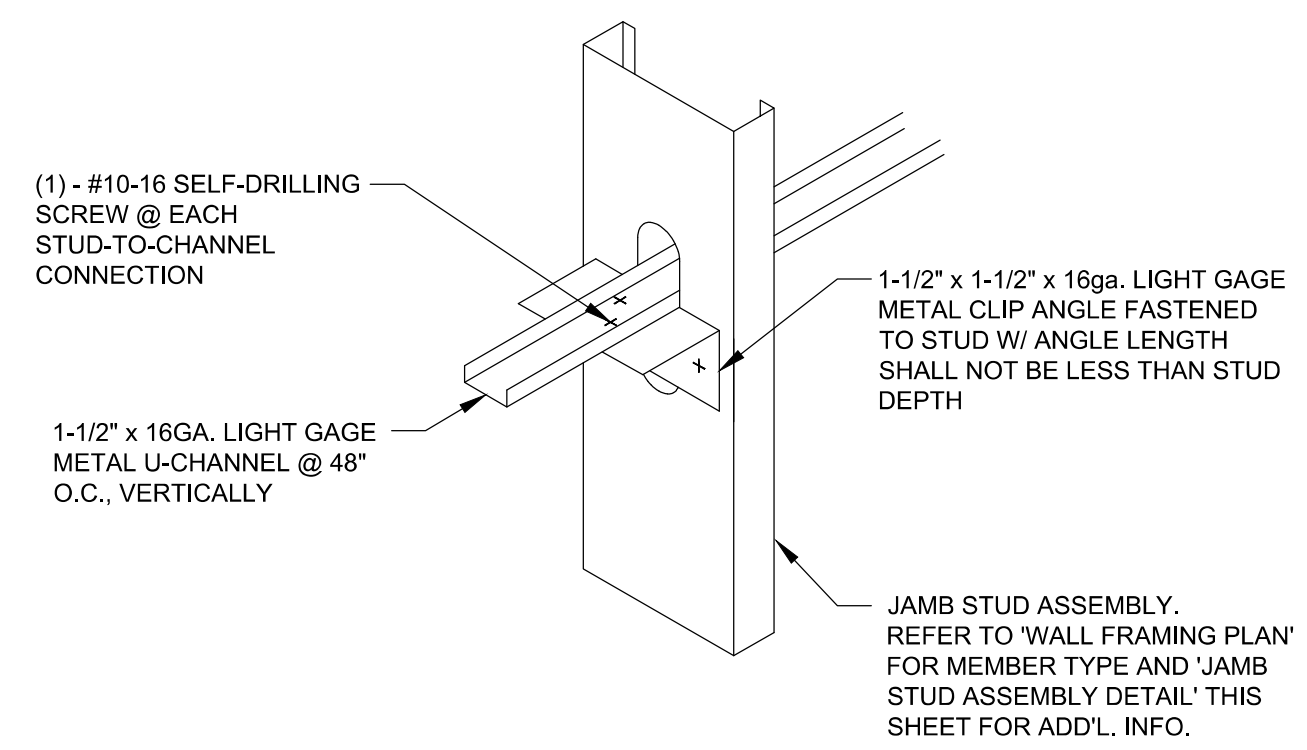
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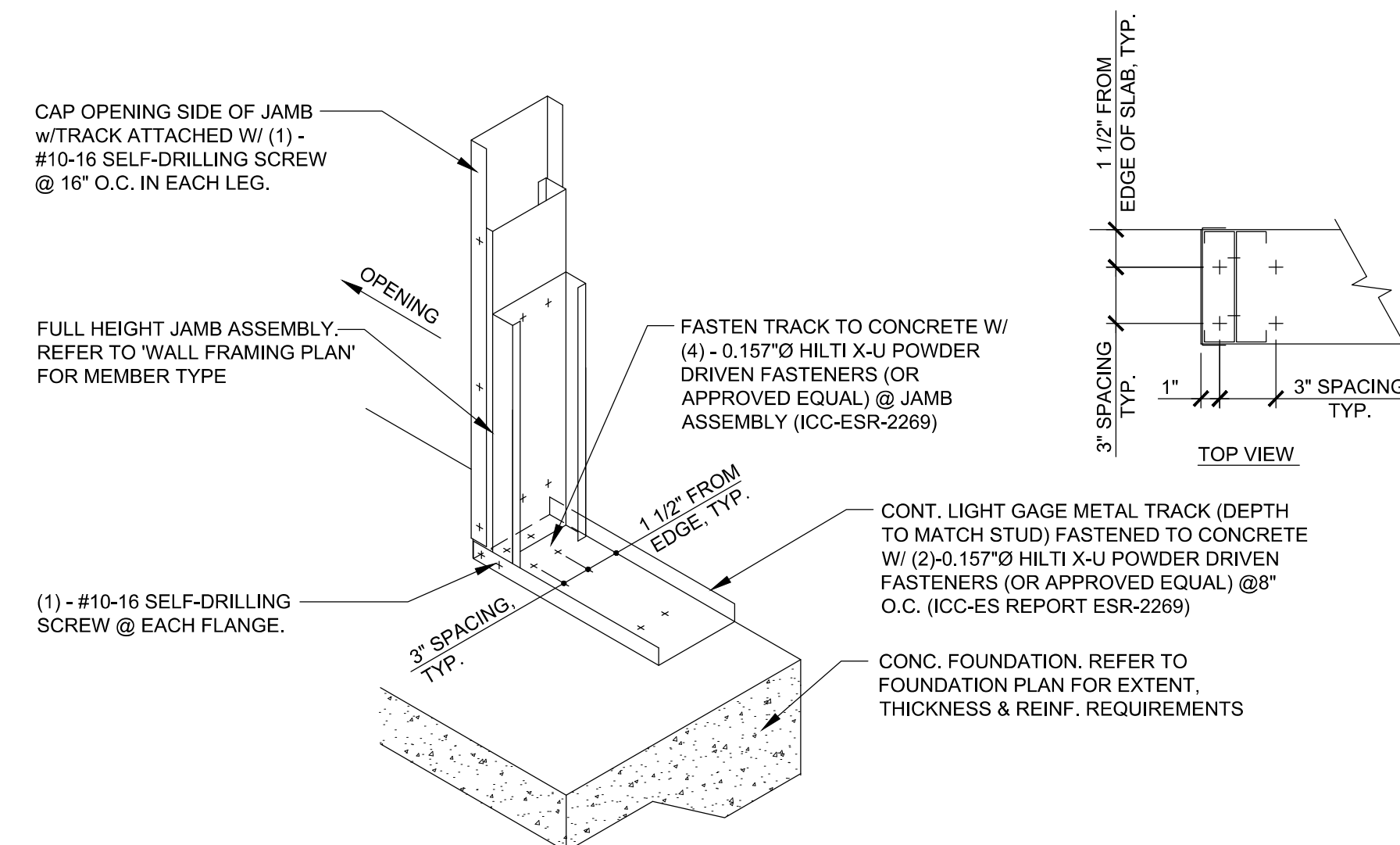
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3 BUILT UP BOX HEADER DETAIL
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6 LIGHT GAUGE STUD BRIDGING DETAIL
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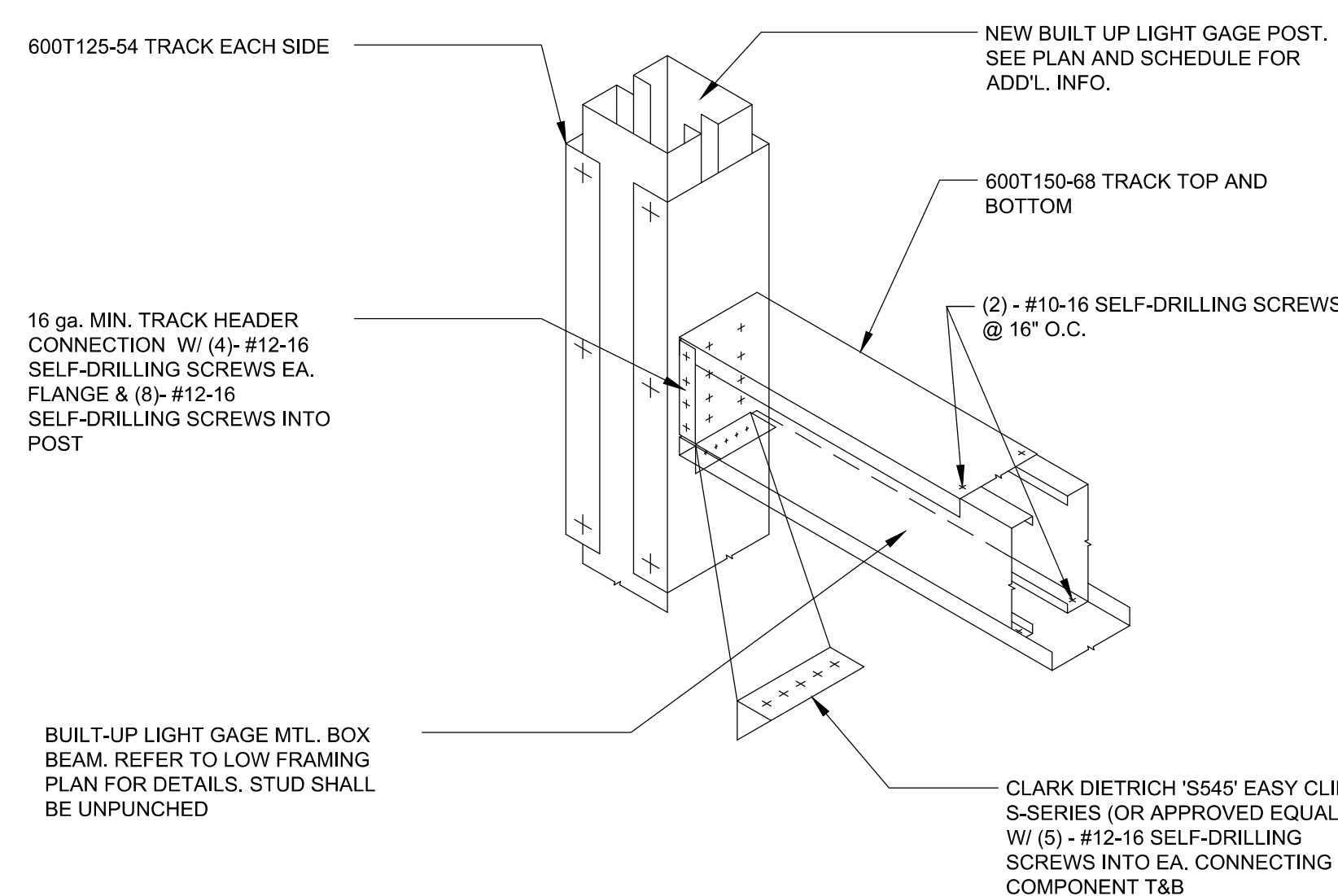


2 JAMB STUD ASSEMBLY DETAIL
SCALE: 3/4"=1'-0"

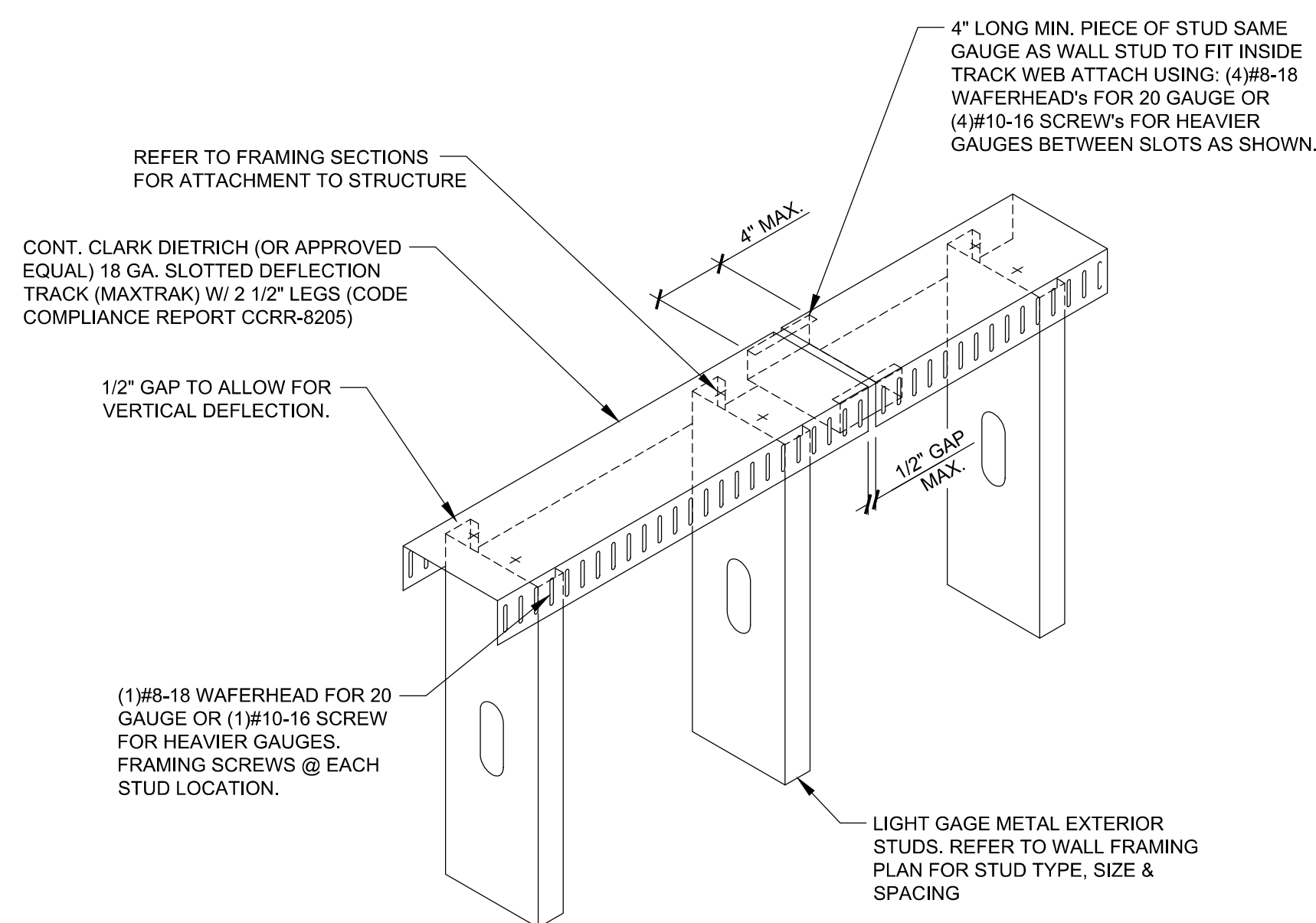
INTERIOR PARTITION FRAMING		
HEIGHT	STUD SIZE	SPACING
UP TO 18'-0"	600S125-33	24" OC
18'-0" TO 20'-0"	600S125-33	24" OC
20'-0" TO 22'-0"	600S125-33 600S137-33	16" OC 24" OC
22'-0" TO 25'-0"	600S125-33 600S162-33	12" OC 16" OC

- NOTES:
- STUD SIZE AND SPACING IS TAKEN FROM THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA), PRODUCT TECHNICAL GUIDE.
 - STUDS ARE BASED ON THE INTERIOR PRESSURE OF 5 PSF AND A DEFLECTION LIMIT OF L/240.
 - STUD SIZE AND SPACING SELECTED OR DESIGNED ALTERNATES SHALL BE LISTED IN THE LIGHT GAGE STEEL SHOP DRAWINGS SUBMITTAL - SEE GENERAL NOTES.
 - ALL STUDS MUST BE BRACED AGAINST ROTATION AND LATERAL MOMENT AT ALL SUPPORTS.
 - NO STUD PUNCHOUT MAY BE LOCATED WITHIN 10" OF THE END OF THE STUD.
 - STUDS SHALL BE FULLY BRACED.
 - PARTITIONS ARE NOT DESIGNED TO SUPPORT FIXTURES OR SHELVING.
 - CONFIRMATION OF AVAILABLE MATERIALS AND SSMA RECOMMENDATIONS SHOULD BE DONE FOR SITE SPECIFIC CONDITIONS. FRAMING LISTED IS NOT APPLICABLE OR CHECKED FOR SEISMIC LOADING.

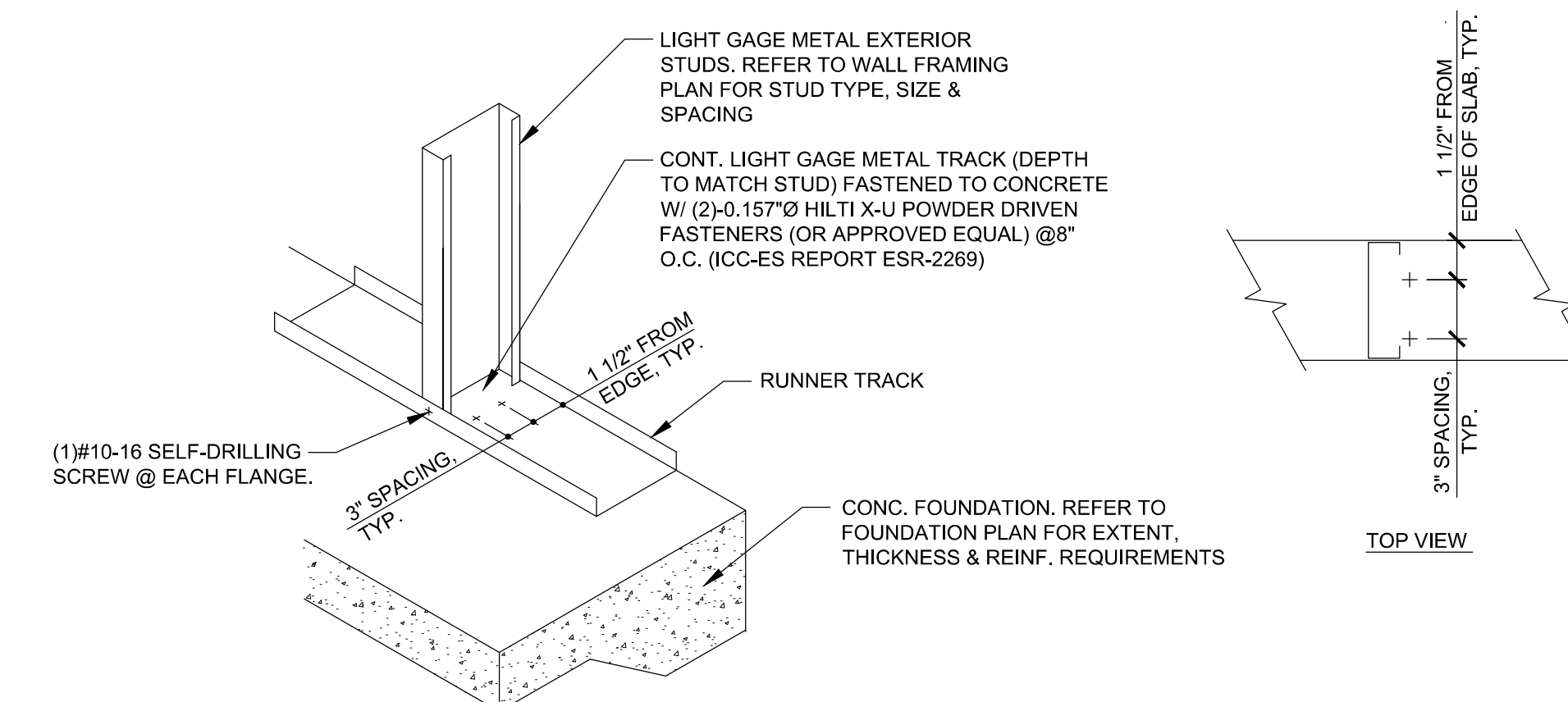
- NOTES:
- THIS DETAIL SHALL NOT BE UTILIZED IF STUD DEPTH EXCEEDS 7"
 - RIGID FACING MATERIAL APPLIED TO BOTH STUD FLANGES MAY BE UTILIZED IN LIEU OF U-CHANNEL, PROVIDED THE FOLLOWING CRITERIA:
 - STUD HEIGHT DOES NOT EXCEED 16'
 - SHEATHING APPLIED TO BOTH STUD FLANGES FULL HEIGHT PER APPLICABLE A.S.T.M. STANDARDS
 - STUD SHALL BE BRACED IF ONE FLANGE IS TEMPORARILY UNSHEATHED
 - STUD GAUGE IS A MAX. OF 16 ga.



9 HEADER TO POST CONNECTION DETAIL
SCALE: 3/4"=1'-0"



5 DEFLECTION TRACK DETAIL
SCALE: 3/4"=1'-0"



1 STUD-TO-TRACK CONNECTION DETAIL
SCALE: 3/4"=1'-0"

CORE STATES

GROUP

CORESTATES DESIGN P.C.

135 Water Street
Suite 201
Naperville, IL 60540
312.718.5415

www.core-states.com



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BCC
BROOKSHIRE
GROCERY COMPANY
facility services

430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK

REMODEL
Reason's
1624 N 3RD ST.

REVISION DESCRIPTION

ISSUED FOR BID/PERMIT SET

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 CONSTRUCTION

DATE

09/23
PROJECT NO.
4090600-0

STORE NO.
906
SHEET NO.

S4.3

AS OF: 11/11/24

SCOPE OF WORK			
LOCATION	MARK	DESCRIPTION	NOTES
BACK ROOM	BRM02	REPLACE SALES	PER PLANS
BACK ROOM	BRM02	REPLACE FREEZER DOOR	ON GROCERY FREEZER
BACK ROOM	BRM03	REPLACE IMPACT DOOR	PER PLANS
BACK ROOM	BRM04	RELOCATE & REPLACE IMPACT DOOR	PER PLANS
BACK ROOM	BRM05	UPDATE LIGHTING PER PLANS	IN ALL WALK-IN COOLERS & FREEZERS
BACK ROOM	BRM06	REPAIR MARKET COOLER WALL	PER PLANS
BACK ROOM	BRM07	REMOVE & RELOCATE WAREHOUSE RACKING	PER PLANS
BACK ROOM	BRM08	INSTALL BARRIER NETTING ABOVE WALK-INS	PER PLANS
BAK/DELI COOLER	BDC01	BUILD NEW BAKERY/DELI COOLER	PER PLANS
BAK/DELI COOLER	BDC02	NEW RACKS	PER PLANS
BAKERY & DELI FREEZERS	BDF01	UPDATE LIGHTING	PER PLANS
BAKERY & DELI FREEZERS	BDF02	REPLACE ALL MILLWORK WITH STAINLESS STEEL TABLES	PER PLANS
BAKERY PREP	BKP02	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
BAKERY PREP	BKP03	REPLACE PROOFER	PER PLANS
BAKERY PREP	BKP04	REPLACE OVEN	PER PLANS
BAKERY PREP	BKP05	NEW DISHWASHER	PER PLANS
BAKERY PREP	BKP06	NEW ECO GRIP FLOORING	PER PLANS
BAKERY/DELI SALES	BDS01	REPLACE ALL MILLWORK WITH STAINLESS STEEL TABLES	PER PLANS
BAKERY/DELI SALES	BDS02	NEW HAND SINK	PER PLANS
BAKERY/DELI SALES	BDS03	REPLACE SLICERS	PER PLANS
BAKERY/DELI SALES	BDS04	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
BAKERY/DELI SALES	BDS05	NEW BLAST CHILLER	PER PLANS
BAKERY/DELI SALES	BDS06	NEW ECO GRIP FLOORING	PER PLANS
BAKERY/DELI SALES	BDS07	CLEAN CEILING & PAINT WITH PROCOAT	PER PLANS
BEERWINE	BRW01	DEMO ENTIRE EXIST. BEER COVE	PER PLANS
BEERWINE	BRW02	NEW BEER DOOR CASES	PER PLANS
BEERWINE	BRW03	NEW WINE GONDOLA	PER PLANS
BREAKROOM	BRK01	DEMO EXISTING BREAKROOM	PER PLANS
BREAKROOM	BRK02	BUILD NEW BREAKROOM	PER PLANS
BREAKROOM	BRK03	ALL NEW FINISHES	PER PLANS
BREAKROOM	BRK04	INSTALL NEW EQUIPMENT/FIXTURES	PER PLANS
COMPUTER	CFR01	CONVERT CSD OFFICE TO COMPUTER ROOM	PER PLANS
COMPUTER	CFR02	NEW WALL FINISHES & GERSIOR FLOORING	PER PLANS
COMPUTER	CFR03	NEW IT EQUIPMENT	PER PLANS
COMPUTER	CFR04	NEW EQUIPMENT/FIXTURES	PER PLANS
CURBSIDE	CRB01	EXPAND & CONVERT EXIST. VESTIBULE TO CURBSIDE	PER PLANS
CURBSIDE	CRB02	NEW FINISHES	PER PLANS
CURBSIDE	CRB03	INSTALL NEW EQUIPMENT/FIXTURES	PER PLANS
DAIRY	DA501	REMOVE EXIST. MD DAIRY	PER PLANS
DAIRY	DA502	CONVERT DAIRY COOLER TO REAR-LOAD	PER PLANS
DAIRY	DA503	RELOCATE COLUMN	AS REQUIRED FOR GRAVITY RACKS
DAIRY	DA504	ADD GRAVITY RACKS & REAR-LOAD DOORS	PER PLANS
DAIRY	DA505	NEW MD DAIRY DOORS	PER PLANS
DELI PREP	DLP01	NEW VENT HOOD	PER PLANS
DELI PREP	DLP02	RELOCATE & REPLACE DUMP TABLE	PER PLANS
DELI PREP	DLP03	RELOCATE & REPLACE COMBI	PER PLANS
DELI PREP	DLP04	RELOCATE & REPLACE FRYERS	PER PLANS
DELI PREP	DLP05	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
DELI PREP	DLP06	NEW STAINLESS STEEL TABLE	PER PLANS
DELI PREP	DLP07	NEW ECO GRIP FLOORING	PER PLANS
DELI PREP	DLP08	CLEAN CEILING & PAINT WITH PROCOAT	PER PLANS
DELI SALES	DS01	REPLACE IMPACT DOOR	PER PLANS
DELI SALES	DS02	RELOCATE GONDOLA	PER PLANS
DELI SALES	DS03	RELOCATE MD DELI CASE	PER PLANS
DIRECTOR	DIR01	SHEETROCK WALLS & PAINT	PER PLANS
DIRECTOR	DIR02	NEW GERFLOR FLOORING	PER PLANS
DIRECTOR	DIR03	NEW FURNITURE	PER PLANS

DIRECTOR	DIR04	INSTALL NEW LOCKING IDF CABINET	PER PLANS
DIRECTOR	DIR05	RELOCATE FIXTURES	PER PLANS
DIRECTOR	DIR06	INFILL WALL WHERE ATM WAS REMOVED	PER PLANS
DIRECTOR	DIR07	BUILD NEW 3RD OFFICE	PER PLANS
DIRECTOR	DIR08	NEW FIXTURES	PER PLANS
EXTERIOR	EXT01	RESTRIPE PARKING LOT PER PLANS	JUST PRIOR TO G.O.
EXTERIOR	EXT02	REPAIR CURBS	AT FRONT EDGE OF PARKING LOT
EXTERIOR	EXT03	POWERWASH EXTERIOR BUILDING, ENTRANCE & SIDEWALKS	JUST PRIOR TO G.O.
EXTERIOR	EXT04	CLEAN ALL WINDOWS	JUST PRIOR TO G.O.
EXTERIOR	EXT05	REPLACE ALL EXTERIOR BUILDING LIGHTS W/ NEW LED FIXTURES	PER PLANS
EXTERIOR	EXT06	REPLACE ALL LIGHT FIXTURES WITH NEW LED FIXTURES	PER PLANS
EXTERIOR	EXT07	REMOVE EXISTING SIGNAGE	PER PLANS
EXTERIOR	EXT08	PAINT ALL EXTERIOR WALLS	PER PLANS
EXTERIOR	EXT09	INSTALL NEW SIGNAGE	PER PLANS
EXTERIOR	EXT10	REDESIGN STORE FRONT PARKING TO MEET ADA	PER PLANS
EXTERIOR	EXT11	REMOVE STOREFRONT WINDOWS & INFILL	PER PLANS
EXTERIOR	EXT12	RELOCATE SLIDING DOOR	PER PLANS
EXTERIOR	EXT13	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
EXTERIOR	EXT14	ADD ROOF LADDER WITH SAFETY CAGE	PER PLANS
EXTERIOR	EXT15	REPLACE DOOR SEAL	PER PLANS
EXTERIOR	EXT16	ADD CURB & BOLLARDS	AT NEW BAKERY/DELI COOLER PER PLANS
EXTERIOR	EXT17	REMOVE EXTERIOR DOOR & INFILL	AT NEW BREAKROOM PER PLANS
EXTERIOR	EXT18	REVERSE REAR EXIT DOOR	PER PLANS
EXTERIOR	EXT19	BUILD NEW RAMP	PER PLANS
FLORAL	FLR01	NEW REFRIGERATED BUILDING CASE	PER PLANS
FLORAL	FLR02	NEW 3 STEP FLORAL	PER PLANS
FLORAL	FLR03	NEW FLORAL NESTING TABLES	PER PLANS
FRONT END	FRE01	EXPAND & CONVERT EXIST. VESTIBULE TO CART STORAGE	PER PLANS
FRONT END	FRE02	REPLACE CHECKSTANDS & CANDY RACKS	PER PLANS
FRONT END	FRE03	RELOCATE SELF-CHECKOUTS & FIXTURES	PER PLANS
FRONT END	FRE04	INSTALL NEW TOBACCO CORRAL	PER PLANS
FRONT END	FRE05	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
FRONT END	FRE06	REPLACE & RELOCATE ATM	PER PLANS
FRONT END	FRE07	INSTALL NEW OTTO MACHINE	PER PLANS
FROZEN FOODS	FRZ01	NEW FROZEN DOOR CASES	PER PLANS
FROZEN FOODS	FRZ02	ADD SADDLEBAGS	PER PLANS
FROZEN FOODS	FRZ03	NEW FROZEN DOOR CASES	PER PLANS
INTERIOR	INT01	REMOVE EXISTING DECOR AND SIGNAGE	PER PLANS
INTERIOR	INT02	REPAIR WALLS AS NEEDED	PER PLANS
INTERIOR	INT03	TEXTURE WALLS AS NEEDED	PER PLANS
INTERIOR	INT04	PAINT WALLS	PER PLANS
INTERIOR	INT05	INSTALL NEW DECOR AND SIGNAGE	PER PLANS
INTERIOR	INT06	INSTALL NEW LED LIGHTING PACKAGE	PER PLANS
INTERIOR	INT07	CLEAN LAY-IN CEILING & REPLACE TILES AS NEEDED	THROUGHOUT SALES AREA
INTERIOR	INT08	CLEAN ALL HVAC GRILLS/DUCTWORK	PER PLANS
INTERIOR	INT09	OVERALL STORE CLEANING	JUST PRIOR TO G.O.
INTERIOR	INT10	INSTALL NEW DRINKING FOUNTAIN	PER PLANS
INTERIOR	INT11	REVERSE REAR HALLWAY EXIT	PER PLANS
INTERIOR	INT12	DEMO INTERIOR PARTITIONS/FIXTURES	IN TENANT SPACE - PER PLANS
INTERIOR	INT13	REMOVE DOOR & INFILL	PER PLANS
INTERIOR	INT14	THOROUGHLY CLEAN TENANT SPACE	PRIOR TO NEW CONSTRUCTION
INTERIOR	INT15	INFILL OPENINGS IN EXIST. WALL	IN TENANT SPACE - PER PLANS
INTERIOR	INT16	BUILD UP FLOOR LEVEL FLUSH WITH SALES FLOOR	IN TENANT SPACE - PER PLANS
INTERIOR	INT17	ADD SPRINKLER SYSTEM	IN NEW RESTROOM/BREAKROOM SPACE
INTERIOR	INT18	NEW GERFLOR FLOORING	PER PLANS
JANITOR	JAN01	BUILD NEW JANITOR ROOM	ALL NEW FINISHES - PER PLANS
JANITOR	JAN02	NEW EQUIPMENT/FIXTURES	PER PLANS
MARKET PREP	MKP01	DEMO HOLDING COOLER	PER PLANS
MARKET PREP	MKP02	BUILD NEW SERVICE MARKET AREA	PER PLANS
MARKET PREP	MKP03	INSTALL NEW EQUIPMENT/FIXTURES	PER PLANS
MARKET PREP	MKP04	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
MARKET PREP	MKP05	REPLACE MEAT SAW	PER PLANS

MARKET PREP	MKP07	STEAM CLEAN WALLS	PER PLANS
MARKET PREP	MKP08	NEW ECO GRIP FLOORING	PER PLANS
MARKET PREP	MKP09	CLEAN CEILING & REPLACE TILES AS NEEDED	PER PLANS
MARKET SALES	MS01	NEW MD CURED MEAT CASES	PER PLANS
MARKET SALES	MS02	NEW SERVICE 5' MOUNTAIN FOOD CASES	PER PLANS
MARKET SALES	MS03	NEW DT ISLAND	PER PLANS
MARKET SALES	MS04	REPLACE WIDE DT ISLAND	PER PLANS
MARKET SALES	MS05	NEW MD FRESH MEAT CASES	PER PLANS
MARKET SALES	MS06	NEW FROZEN MARKET CASES	PER PLANS
OFFICE	OFF01	ALL NEW CABINETS, COUNTERTOPS & SPLASH	PER PLANS
OFFICE	OFF02	NEW SUB CONTRACTOR SURFACE LEDES	PER PLANS - FIELD VERIFY LENGTH
OFFICE	OFF03	SHEETROCK WALLS & PAINT	PER PLANS
OFFICE	OFF04	NEW GERFLOR FLOORING	PER PLANS
OFFICE	OFF05	REPLACE CEILING TILES AS NEEDED	PER PLANS
OFFICE	OFF06	WIRE MANAGEMENT AS NEEDED	PER PLANS
OFFICE	OFF07	RELOCATE EQUIPMENT	PER PLANS
OFFICE	OFF08	INSTALL NEW SAFE	PER PLANS
OFFICE	OFF09	INSTALL NEW ROLL-UP SHUTTER AT SERVICE WINDOW	PER PLANS
PHARMACY	PHR01	REPLACE CARPET	AS NEEDED
PHARMACY	PHR02	REPAIR CABINET DRAWERS & DOORS	AS NEEDED
PHARMACY	PHR03	LIGHTING UPGRADE	AS NEEDED
PHARMACY	PHR04	PAINT LEDGE ON DUTCH DOOR	LAMINATE EXPOSED END TO MATCH EXIST. COUNTERTOP
PHARMACY	PHR05	CUT EXIST. LEDGE FLUSH WITH SERVICE WINDOW OPENING	PER PLANS
PHARMACY	PHR06	INSTALL NEW ADA LEDGE	PER PLANS
PHARMACY SALES	PHS01	REMOVE OTC GONDOLA & RELOCATE END CAP	PER PLANS
PHARMACY SALES	PHS02	RELOCATE OTC GONDOLA	PER PLANS
PHARMACY SALES	PHS03	REMOVE RACKING	PER PLANS
PRODUCE PREP	PRP01	STEAM CLEAN WALLS & FLOORS	PER PLANS
PRODUCE SALES	PRS01	NEW MD PRODUCE CASE	PER PLANS
PRODUCE SALES	PRS02	NEW MD PRODUCE CASES	PER PLANS
PRODUCE SALES	PRS03	NEW PRODUCE TABLE	PER PLANS
PRODUCE SALES	PRS04	NEW REFRIGERATED MD ISLAND	PER PLANS
PRODUCE SALES	PRS05	NEW ORCHARD BINS	PER PLANS
PRODUCE SALES	PRS06	NEW SCALE WITH STAND	PER PLANS
PRODUCE SALES	PRS07	NEW BANANA FIXTURE	PER PLANS
PRODUCE SALES	PRS08	RELOCATE FIXTURES	PER PLANS
PRODUCE SALES	PRS09	RELOCATE GONDOLA	PER PLANS
PRODUCE SALES	PRS10	ADD NEW GONDOLA END CAPS	PER PLANS
REFRIGERATION	REF01	REPLACE COOLING COILS	IN ALL WALK-IN COOLERS & FREEZERS
REFRIGERATION	REF02	REPLACE MACHS & CONTROLLERS	PER PLANS
REFRIGERATION	REF03	ADD RIGS TO ALL REFRIGERATION	PER PLANS
RESTROOMS	RRM01	DEMO EXISTING RESTROOMS	PER PLANS
RESTROOMS	RRM02	BUILD NEW DOORLESS ENTRIES & RESTROOMS	PER PLANS
RESTROOMS	RRM03	ALL NEW FINISHES	PER PLANS
RESTROOMS	RRM04	INSTALL NEW EQUIPMENT/FIXTURES	PER PLANS
SALES AREA	SAL01	PAINT CEILING	IN PRODUCE, PHARMACY & BEER AREAS
SALES AREA	SAL02	ADD STAINLESS STEEL CORNER GUARDS	PER PLANS
SALES AREA	SAL03	REPAINT ALL CENTER STORE METAL RACKING	PER PLANS
SALES AREA	SAL04	RELOCATE GONDOLA	PER PLANS
SALES AREA	SAL05	RELOCATE SEASONAL	PER PLANS
SALES AREA	SAL06	NEW HDPE CLOSURE PANEL	PER PLANS
TRAINING	TRN01	NEW DOOR	PER PLANS
TRAINING	TRN02	NEW FURNITURE	PER PLANS
TRAINING	TRN03	NEW GERFLOR FLOORING	PER PLANS
TRAINING	TRN04	CLEAN CEILING & REPLACE TILES AS NEEDED	PER PLANS
VESTIBULE	VST01	RELOCATE ENTRANCE & BUILD NEW VESTIBULE	PER PLANS
VESTIBULE	VST02	ALL NEW FINISHES	PER PLANS

CORE STATES GROUP
 CORESTATES DESIGN P.C.
 111 3rd Avenue S
 Suite 400
 612.547.1300
 Minneapolis, MN 55401
 www.core-states.com



Drawn: EDUARDO GUZMAN
 Review: A. FEULNER
 Sheet Date: 11/11/24
 Proj. Number: BGC.37947.RR

BCC BROOKSHIRE
 GROCERY COMPANY
 facility services

430 E. Front St.
 Tyler, TX 75702
 903-579-0500

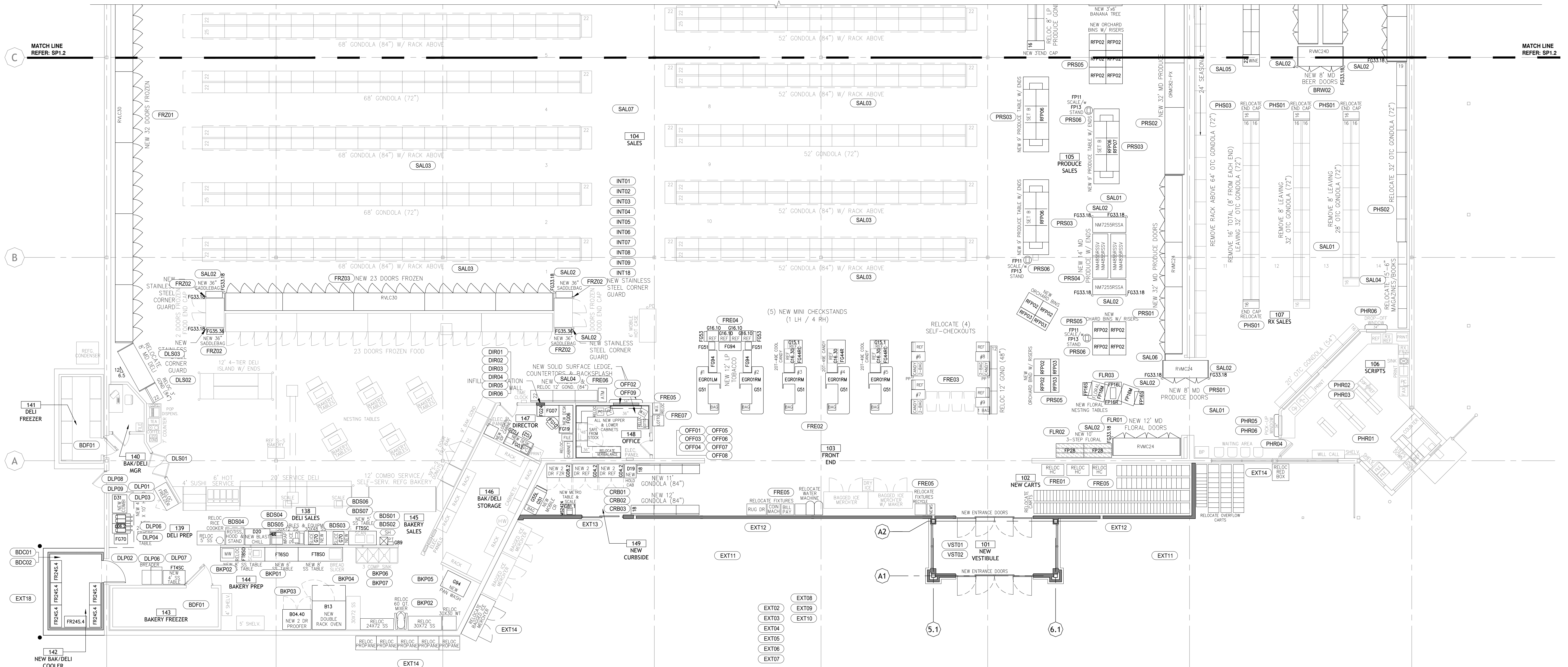
39,756 SF
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 LANGLEY, OK

REMODEL
Reason's
 1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

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 PERMIT
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 CONSTRUCTION

DATE: **09/23**
 PROJECT NO: **4090600-0**
 STORE NO.: **906**
 SHEET NO.: **SP1.1**



1 ENLARGED SCOPE PLAN WEST
 SCALE: 1/8" = 1'-0"

AS OF: 11/11/24

SCOPE OF WORK			
LOCATION	MARK	DESCRIPTION	NOTES
BACK ROOM	BRM01	REPLACE SALES	PER PLANS
BACK ROOM	BRM02	REPLACE FREEZER DOOR	ON GROCERY FREEZER
BACK ROOM	BRM03	REPLACE IMPACT DOOR	PER PLANS
BACK ROOM	BRM04	RELOCATE & REPLACE IMPACT DOOR	PER PLANS
BACK ROOM	BRM05	RELOCATE LIGHTING PER PLANS	IN ALL WALK-IN COOLERS & FREEZERS
BACK ROOM	BRM06	REPAIR MARKET COOLER WALL	PER PLANS
BACK ROOM	BRM07	REMOVE & RELOCATE WAREHOUSE RACKING	PER PLANS
BACK ROOM	BRM08	INSTALL BARRIER NETTING ABOVE WALK-INS	PER PLANS
BAKDELI COOLER	BD01	BUILD NEW BAKERY/DELI COOLER	PER PLANS
BAKDELI COOLER	BD02	NEW RACKS	PER PLANS
BAKERY & DELI FREEZERS	BD03	UPDATE LIGHTING	PER PLANS
BAKERY PREP	BK01	REPLACE ALL MILLWORK WITH STAINLESS STEEL TABLES	PER PLANS
BAKERY PREP	BK02	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
BAKERY PREP	BK03	REPLACE PROOFER	PER PLANS
BAKERY PREP	BK04	REPLACE OVEN	PER PLANS
BAKERY PREP	BK05	NEW DISHWASHER	PER PLANS
BAKERY PREP	BK06	NEW ECO GRIP FLOORING	PER PLANS
BAKERY/DELI SALES	BD01	REPLACE ALL MILLWORK WITH STAINLESS STEEL TABLES	PER PLANS
BAKERY/DELI SALES	BD02	NEW HAND SINK	PER PLANS
BAKERY/DELI SALES	BD03	REPLACE SLICERS	PER PLANS
BAKERY/DELI SALES	BD04	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
BAKERY/DELI SALES	BD05	NEW BLAST CHILLER	PER PLANS
BAKERY/DELI SALES	BD06	NEW ECO GRIP FLOORING	PER PLANS
BAKERY/DELI SALES	BD07	CLEAN CEILING & PAINT WITH PROCOAT	PER PLANS
BEERWINE	BRW01	DEMO ENTIRE EXIST. BEER COVE	PER PLANS
BEERWINE	BRW02	NEW BEER DOOR CASES	PER PLANS
BEERWINE	BRW03	NEW WINE GONDOLA	PER PLANS
BREAKROOM	BRK01	DEMO EXISTING BREAKROOM	PER PLANS
BREAKROOM	BRK02	BUILD NEW BREAKROOM	PER PLANS
BREAKROOM	BRK03	ALL NEW FINISHES	PER PLANS
BREAKROOM	BRK04	INSTALL NEW EQUIPMENT/FIXTURES	PER PLANS
COMPUTER	ITR01	CONVERT EXIST OFFICE TO COMPUTER ROOM	PER PLANS
COMPUTER	ITR02	NEW WALL FINISHES & GERSLOR FLOORING	PER PLANS
COMPUTER	ITR03	NEW IT EQUIPMENT	PER PLANS
COMPUTER	ITR04	NEW EQUIPMENT/FIXTURES	PER PLANS
CURBSIDE	CRB01	EXPAND & CONVERT EXIST. VESTIBULE TO CURBSIDE	PER PLANS
CURBSIDE	CRB02	NEW FINISHES	PER PLANS
CURBSIDE	CRB03	INSTALL NEW EQUIPMENT/FIXTURES	PER PLANS
DAIRY	DAS01	REMOVE EXIST. MD DAIRY	PER PLANS
DAIRY	DAS02	CONVERT DAIRY COOLER TO REAR-LOAD	AS REQUIRED FOR GRAVITY RACKS
DAIRY	DAS03	RELOCATE COLUMN	PER PLANS
DAIRY	DAS04	ADD GRAVITY RACKS & REAR-LOAD DOORS	PER PLANS
DAIRY	DAS05	NEW MD DAIRY DOORS	PER PLANS
DELI PREP	DL01	NEW VENT HOOD	PER PLANS
DELI PREP	DL02	RELOCATE & REPLACE DUMP TABLE	PER PLANS
DELI PREP	DL03	RELOCATE & REPLACE COMBI	PER PLANS
DELI PREP	DL04	RELOCATE & REPLACE FRYERS	PER PLANS
DELI PREP	DL05	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
DELI PREP	DL06	NEW STAINLESS STEEL TABLE	PER PLANS
DELI PREP	DL07	NEW ECO GRIP FLOORING	PER PLANS
DELI PREP	DL08	CLEAN CEILING & PAINT WITH PROCOAT	PER PLANS
DELI SALES	DS01	REPLACE IMPACT DOOR	PER PLANS
DELI SALES	DS02	RELOCATE GONDOLA	PER PLANS
DELI SALES	DS03	RELOCATE MD DELI CASE	PER PLANS
DIRECTOR	DIR01	SHEETROCK WALLS & PAINT	PER PLANS
DIRECTOR	DIR02	NEW GERFLOR FLOORING	PER PLANS
DIRECTOR	DIR03	NEW FURNITURE	PER PLANS

DIRECTOR	DIR04	INSTALL NEW LOCKING IDF CABINET	PER PLANS
DIRECTOR	DIR05	RELOCATE FIXTURES	PER PLANS
DIRECTOR	DIR06	INFILL WALL WHERE ATM WAS REMOVED	PER PLANS
DIRECTOR	DIR07	BUILD NEW 050 OFFICE	PER PLANS
EXTERIOR	EXT01	NEW FIXTURES	PER PLANS
EXTERIOR	EXT02	RESTRIPE PARKING LOT PER PLANS	JUST PRIOR TO G.O.
EXTERIOR	EXT03	REPAIR CURBS	AT FRONT EDGE OF PARKING LOT
EXTERIOR	EXT04	POWERWASH EXTERIOR BUILDING, ENTRANCE & SIDEWALKS	JUST PRIOR TO G.O.
EXTERIOR	EXT05	CLEAN ALL WINDOWS	JUST PRIOR TO G.O.
EXTERIOR	EXT06	REPLACE ALL EXTERIOR BUILDING LIGHTS W/ NEW LED FIXTURES	PER PLANS
EXTERIOR	EXT07	REPLACE ALL LIGHT POLES WITH NEW LED FIXTURES	PER PLANS
EXTERIOR	EXT08	REMOVE EXISTING SIGNAGE	PER PLANS
EXTERIOR	EXT09	PAINT ALL EXTERIOR WALLS	PER PLANS
EXTERIOR	EXT10	INSTALL NEW SIGNAGE	PER PLANS
EXTERIOR	EXT11	REDESIGN STORE FRONT PARKING TO MEET ADA	PER PLANS
EXTERIOR	EXT12	REMOVE STOREFRONT WINDOWS & INFILL	PER PLANS
EXTERIOR	EXT13	RELOCATE SLIDING DOOR	PER PLANS
EXTERIOR	EXT14	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
EXTERIOR	EXT15	ADD ROOF LADDER WITH SAFETY CAGE	PER PLANS
EXTERIOR	EXT16	REPLACE DOOR SEAL	PER PLANS
EXTERIOR	EXT17	ADD CURBS & BOLLARDS	AT NEW BAKERY/DELI COOLER PER PLANS
EXTERIOR	EXT18	REMOVE EXTERIOR DOOR & INFILL	AT NEW BREAKROOM PER PLANS
EXTERIOR	EXT19	REVISE REAR EXIT DOOR	PER PLANS
EXTERIOR	EXT20	BUILD NEW RAMP	PER PLANS
EXTERIOR	EXT21	NEW REFRIGERATED FLURAL CASE	PER PLANS
EXTERIOR	EXT22	NEW 3 STEP FLURAL	PER PLANS
FLORAL	FLR01	NEW FLORAL NESTING TABLES	PER PLANS
FLORAL	FLR02	EXPAND & CONVERT EXIST. VESTIBULE TO CART STORAGE	PER PLANS
FRONT END	FR01	REPLACE CHECKSTANDS & CANDY RACKS	PER PLANS
FRONT END	FR02	RELOCATE SELF-CHECKOUTS & FIXTURES	PER PLANS
FRONT END	FR03	INSTALL NEW TOBACCO COUNTER	PER PLANS
FRONT END	FR04	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
FRONT END	FR05	REPLACE & RELOCATE ATM	PER PLANS
FRONT END	FR06	INSTALL NEW LOTTO MACHINE	PER PLANS
FROZEN FOODS	FRZ01	NEW FROZEN DOOR CASES	PER PLANS
FROZEN FOODS	FRZ02	ADD SADDLEBAGS	PER PLANS
FROZEN FOODS	FRZ03	REMOVE EXISTING DECOR AND SIGNAGE	PER PLANS
INTERIOR	INT01	REPAIR WALLS AS NEEDED	PER PLANS
INTERIOR	INT02	TEXTURE WALLS AS NEEDED	PER PLANS
INTERIOR	INT03	PAINT WALLS	PER PLANS
INTERIOR	INT04	INSTALL NEW DECOR AND SIGNAGE	PER PLANS
INTERIOR	INT05	INSTALL NEW LED LIGHTING PACKAGE	PER PLANS
INTERIOR	INT06	CLEAN LAV IN CEILING & REPLACE TILES AS NEEDED	THROUGHOUT SALES AREA
INTERIOR	INT07	CLEAN ALL HVAC GRILLS/DUCTWORK	PER PLANS
INTERIOR	INT08	OVERALL STORE CLEANING	JUST PRIOR TO G.O.
INTERIOR	INT09	INSTALL NEW DRINKING FOUNTAIN	PER PLANS
INTERIOR	INT10	REVISE REAR HALLWAY EXIT	PER PLANS
INTERIOR	INT11	DEMO INTERIOR PARTITIONS/FIXTURES	IN TENANT SPACE - PER PLANS
INTERIOR	INT12	REMOVE DOOR & INFILL	PER PLANS
INTERIOR	INT13	THOROUGHLY CLEAN TENANT SPACE	PER PLANS
INTERIOR	INT14	INFILL OPENINGS IN EXIST. WALL	IN TENANT SPACE - PER PLANS
INTERIOR	INT15	BUILD UP FLOOR LEVEL, FLUSH WITH SALES FLOOR	IN NEW RESTROOM/BREAKROOM SPACE
INTERIOR	INT16	NEW 3' X 5' SINK	PER PLANS
INTERIOR	INT17	NEW 3' X 5' SINK	PER PLANS
INTERIOR	INT18	NEW 3' X 5' SINK	PER PLANS
JANITOR	JAN01	BUILD NEW JANITOR ROOM	ALL NEW FINISHES - PER PLANS
JANITOR	JAN02	NEW EQUIPMENT/FIXTURES	PER PLANS
MARKET PREP	MKP01	DEMO HOLDING COOLER	PER PLANS
MARKET PREP	MKP02	BUILD NEW SERVICE MARKET AREA	PER PLANS
MARKET PREP	MKP03	INSTALL NEW EQUIPMENT/FIXTURES	PER PLANS
MARKET PREP	MKP04	RELOCATE EQUIPMENT/FIXTURES	PER PLANS
MARKET PREP	MKP05	REPLACE MEAT SAW	PER PLANS

MARKET PREP	MKP06	NEW 3' X 5' SINK	PER PLANS
MARKET PREP	MKP07	NEW 3' X 5' SINK	PER PLANS
MARKET PREP	MKP08	NEW 3' X 5' SINK	PER PLANS
MARKET SALES	MKS01	NEW MD CURED MEAT CASES	PER PLANS
MARKET SALES	MKS02	NEW SERVICE 5' MATHEMATICAL CASES	PER PLANS
MARKET SALES	MKS03	NEW DT ISLAND	PER PLANS
MARKET SALES	MKS04	REPLACE WIDE DT ISLAND	PER PLANS
MARKET SALES	MKS05	NEW MD FRESH MEAT CASES	PER PLANS
MARKET SALES	MKS06	NEW FROZEN MARKET CASES	PER PLANS
MARKET SALES	MKS07	ALL NEW CABINETS, COUNTERTOPS & SPLASH	PER PLANS
MARKET SALES	MKS08	NEW MD SURFACE LEDES	PER PLANS
OFFICE	OFF01	SHEETROCK WALLS & PAINT	PER PLANS - FIELD VERIFY LENGTH
OFFICE	OFF02	NEW GERFLOR FLOORING	PER PLANS
OFFICE	OFF03	REPLACE CEILING TILES AS NEEDED	PER PLANS
OFFICE	OFF04	WIRE MANAGEMENT AS NEEDED	PER PLANS
OFFICE	OFF05	RELOCATE EQUIPMENT	PER PLANS
OFFICE	OFF06	INSTALL NEW SINK	PER PLANS
OFFICE	OFF07	INSTALL NEW ROLL-UP SHUTTER AT SERVICE WINDOW	PER PLANS
PHARMACY	PHR01	REPLACE CARPET	AS NEEDED
PHARMACY	PHR02	REPAIR CABINET DRAWERS & DOORS	AS NEEDED
PHARMACY	PHR03	LIGHTING UPGRADE	AS NEEDED
PHARMACY	PHR04	PAINT LEDGE ON DUTCH DOOR	LAMINATE EXPOSED END TO MATCH EXIST. COUNTERTOP
PHARMACY	PHR05	CUT EXIST. LEDGE FLUSH WITH SERVICE WINDOW OPENING	PER PLANS
PHARMACY	PHR06	INSTALL NEW ADA LEDGE	PER PLANS
PHARMACY SALES	PHS01	REMOVE DTG GONDOLA & RELOCATE END CAP	PER PLANS
PHARMACY SALES	PHS02	RELOCATE DTG GONDOLA	PER PLANS
PHARMACY SALES	PHS03	REMOVE RACKING	PER PLANS
PRODUCE PREP	PRP01	STEAM CLEAN WALLS & FLOORS	PER PLANS
PRODUCE PREP	PRP02	CLEAN CEILING & REPLACE TILES AS NEEDED	PER PLANS
PRODUCE SALES	PRS01	NEW MD PRODUCE DOOR CASE	PER PLANS
PRODUCE SALES	PRS02	NEW MD PRODUCE CASES	PER PLANS
PRODUCE SALES	PRS03	NEW PRODUCE TABLE	PER PLANS
PRODUCE SALES	PRS04	NEW REFRIGERATED MD ISLAND	PER PLANS
PRODUCE SALES	PRS05	NEW ORCHARD BINS	PER PLANS
PRODUCE SALES	PRS06	NEW SCALE WITH STAND	PER PLANS
PRODUCE SALES	PRS07	NEW BANANA FIXTURE	PER PLANS
PRODUCE SALES	PRS08	RELOCATE FIXTURES	PER PLANS
PRODUCE SALES	PRS09	RELOCATE GONDOLA	PER PLANS
PRODUCE SALES	PRS10	ADD NEW GONDOLA END CAPS	PER PLANS
REFRIGERATION	REF01	REPLACE COOLING COILS	IN ALL WALK-IN COOLERS & FREEZERS
REFRIGERATION	REF02	REPLACE RACKS & CONTROLLERS	PER PLANS
REFRIGERATION	REF03	ADD RIGS TO ALL REFRIGERATION	PER PLANS
RESTROOMS	RRM01	DEMO EXISTING RESTROOMS	PER PLANS
RESTROOMS	RRM02	BUILD NEW DOORLESS ENTRIES & RESTROOMS	PER PLANS
RESTROOMS	RRM03	ALL NEW FINISHES	PER PLANS
RESTROOMS	RRM04	INSTALL NEW EQUIPMENT/FIXTURES	PER PLANS
SALES AREA	SAL01	PAINT CEILING	IN PRODUCE, PHARMACY & BEER AREAS
SALES AREA	SAL02	ADD STAINLESS STEEL CORNER GUARDS	PER PLANS
SALES AREA	SAL03	REPAINT ALL CENTER STORE METAL RACKING	PER PLANS
SALES AREA	SAL04	RELOCATE GONDOLA	PER PLANS
SALES AREA	SAL05	RELOCATE SEASONAL	PER PLANS
SALES AREA	SAL06	NEW HDPE CLOSURE PANEL	PER PLANS
TRAINING	TRN01	NEW DOOR	PER PLANS
TRAINING	TRN02	NEW FURNITURE	PER PLANS
TRAINING	TRN03	NEW GERFLOR FLOORING	PER PLANS
TRAINING	TRN04	CLEAN CEILING & REPLACE TILES AS NEEDED	PER PLANS
VESTIBULE	VST01	RELOCATE ENTRANCE & BUILD NEW VESTIBULE	PER PLANS
VESTIBULE	VST02	ALL NEW FINISHES	PER PLANS

CORE STATES GROUP
 CORESTATES DESIGN P.C.
 111 3rd Avenue S
 Suite 400
 412.547.1300
 Minneapolis, MN 55401
 www.core-states.com



Drawn: EDUARDO GUZMAN
 Review: A. FEULNER
 Sheet Date: 11/11/24
 Proj. Number: BGC.37947.RR

BCC BROOKSHIRE
 GROCERY COMPANY
 facility services

430 E. Front St.
 Tyler, TX 75702
 903-579-0500

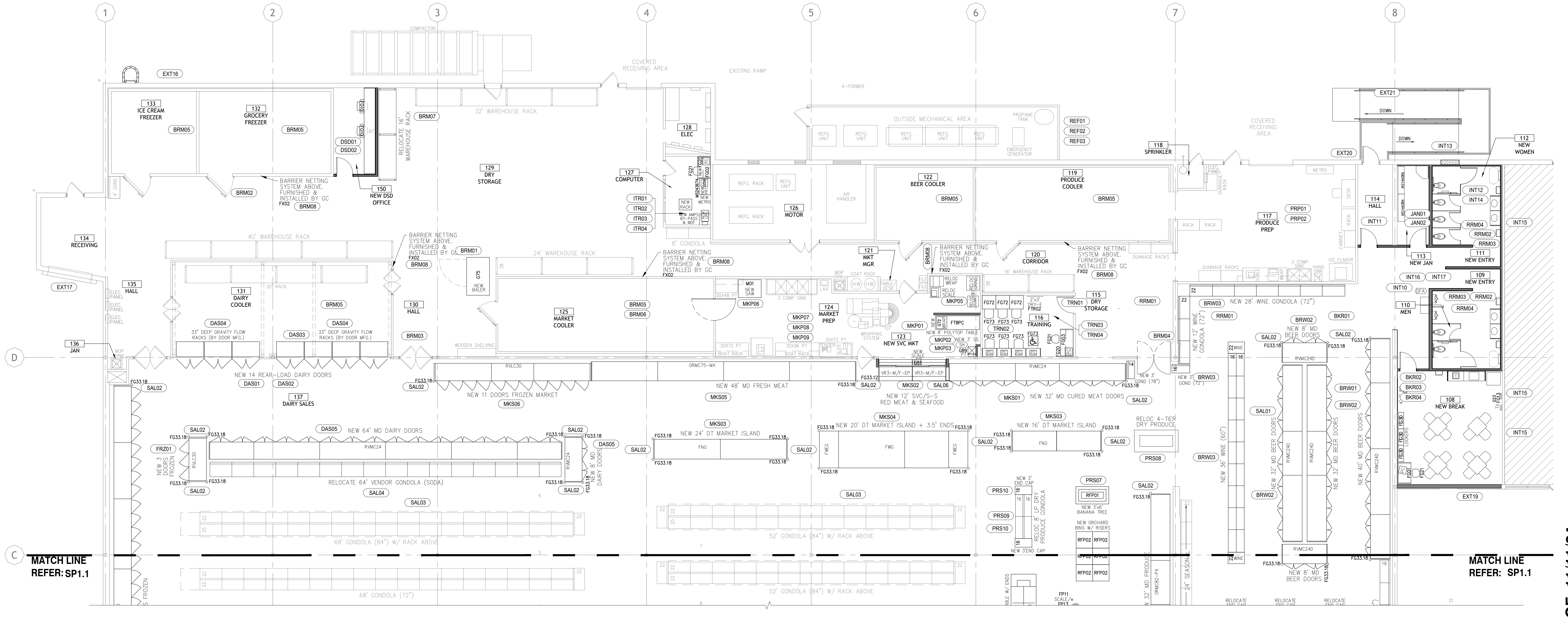
39,756 SF
#906
 LANGLEY, OK

REMODEL
Reason's
 1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:
 PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE: **09/23**
 PROJECT NO.: **4090600-0**
 STORE NO.: **906**
 SHEET NO.: **SP1.2**



ENLARGED SCOPE PLAN EAST
 SCALE: 1/8" = 1'-0"

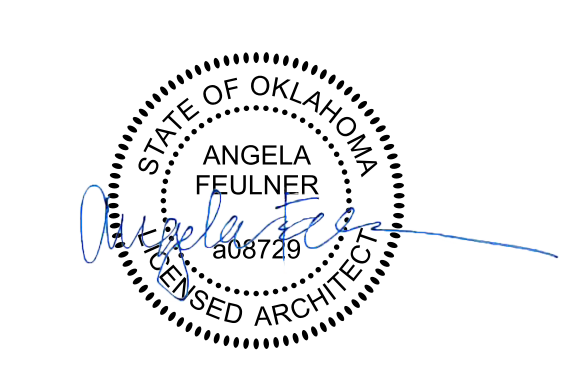
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AS OF: 11/11/24

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 CORESTATES DESIGN P. C.
 111 3rd Avenue S
 Suite 400
 412.547.1300
 Minneapolis, MN 55401
 www.core-states.com



Drawn: EDUARDO GUZMAN
 Reviewed: A. FEULNER
 Sheet Date: 11/11/24
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BGC REMODEL RESPONSIBILITY MATRIX

As of: 6/14/2024

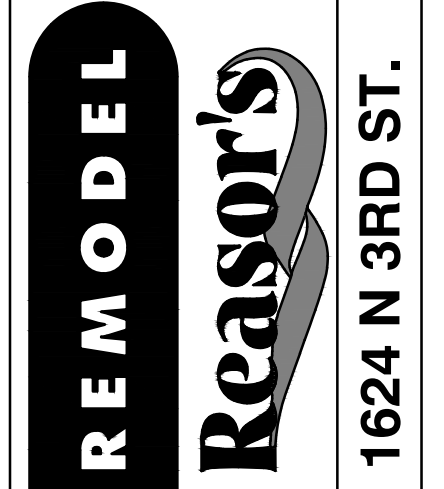
Division	Responsible Party	Notes
Division 1 - General Requirements		
All design trades	BGC	
Refrigeration design	BGC	
Testing lab fees	BGC	BGC will select testing lab and notify them of project
Testing lab coordination	General Contractor	GC responsible for scheduling and ensuring all required testing is completed
Asbestos Testing & Abatement	Both	BGC shall provide the GC an asbestos report prior to the project kickoff. It will be the GC's responsibility to review the project and the scope of work to determine if any abatement will be required. GC needs to give BGC at least a month's notice before any abatement is required to allow BGC enough time to get it scheduled. BGC will hire and pay for all asbestos abatement, however GC is responsible for coordination of the work.
Building permits	General Contractor	
All other required permits	General Contractor	GC to inquire what is required with the governing city
City required inspections	General Contractor	
Fire marshal inspections	General Contractor	
TDLR/ADA Inspections	General Contractor	GC to submit project to required entity and notify BGC when ready for insp.
Health department inspections	Both	GC to have CO & BGC RC to have all refrigeration running-BGC will schedule
All utility fees	BGC	
Dumpsters	General Contractor	
Temporary toilets	General Contractor	
Screening requirements	General Contractor	Interior screening: If work will be ongoing in one area that requires the space be screened off from customers & partners the General Contractor will need to provide a barrier to both screen the area from view but also to help with dust and debris control. This will need to be either black or white poly plastic sheeting securely anchored across the top and bottom with an access point that may be zippered closed. When workers are not present onsite it will be General Contractor's responsibility to ensure this access point is zippered closed so a customer or partner cannot just walk-in to access the space. Exterior screening: This screening will be required around the contractor staging areas, all materials that are being stored onsite, and finally around exterior work areas where it is needed to both block the area from view and keep customers/partners out of the area for safety concerns. This will need to be chain link fencing panels, including wind screen, with sand bags holding the fencing in place. These areas shall have a single access point that can be locked with a chain and padlock nightly. It will be the General Contractor's responsibility to ensure the space is locked every night. BGC's superintendent will have the final acceptance of all screenings.
Division 2 - Sitework		
All sitework	General Contractor	
Division 3 - Concrete		
All concrete	General Contractor	All exposed concrete surfaces to be power washed clean within one week of store opening.
Division 4 - Masonry		
All masonry	General Contractor	
Division 5 - Metals		
All metals	General Contractor	
Cleanout & Pit Metal Trim Plates	General Contractor	***See required vendor notes below***
Division 6 - Woods & Plastics		
All woods & plastics	General Contractor	***All millwork must have approved shop drawings before any installations take place***
Custom Wedges	General Contractor	All custom wedges shall be built with 5/8" HDPE material.
Division 7 - Thermal & Moisture Protection		
All thermal & moisture protection	General Contractor	
All hoods, pitch pans & curbs (not in submittals)	General Contractor	Furnish & Install
Division 8 - Doors & Windows		
Doors, frames, and hardware	General Contractor	This includes automatic doors. ***See required vendor notes below***
Glazing	General Contractor	
Storefronts/curtain walls	General Contractor	
Coiling/rolling/overhead or sim. doors/shutters	General Contractor	This included dock doors. *** See required vendor notes below***
Division 9 - Finishes		
All Finishes	General Contractor	All Gerflor or GeckroGrip (if applicable) to be purchased by BGC. GC to receive, unload, store, and install. GC to include unloading gondola shelving and moving of fixtures to allow for flooring installation.
Division 10 - Specialties		
Interior décor	BGC	
Exterior signage	General Contractor	***See acceptable vendor notes below***
Fire extinguishers & cabinets	General Contractor	***See required vendor notes below***
McCue Rail	Both	Furnished by BGC, installed by GC
All other specialties	General Contractor	
Division 11 - Equipment		
All other equipment i.e. checkstands, flooring, SS tables, bakery/deli/market equipments, scales, POS, gondolas, racking, carts, display tables, candy racks, pharmacy items MHE, etc.	Both	BGC will furnish all equipment. All items will be shipped directly to store where GC will unload, store if needed, and install as per schedule. The GC, upon any BGC furnished delivery, shall take a photo of the BOL and send to the BGC Facilities Superintendent immediately. Any MEP connections required will be by GC. All racking shall be wedge anchored to the floor and all cross members & wire grid shall be bolted. Verify cross member locations with store management prior to bolting.
Refrigerated cases	Both	All refrigerated cases will be furnished by BGC and installed by BGC refrigeration contractor. Electrical connections by GC. BGC will provide case installation schedule that is to be incorporated into the GC's schedule and supported by the GC as required.
EMS Hardware	Both	BGC Contractor to furnish / Install all EMS Hardware (if project includes new refrigeration rack's EMS hardware to be furnished by rack manufacture).
Stainless steel tables with sinks	GC	Final connections by GC.
All other equipment i.e. checkstands, SS tables, bakery/deli/market equipments, scales, POS, gondolas, racking, carts, display tables, candy racks, pharmacy items MHE, etc.	Both	BGC will furnish all equipment. All items will be shipped directly to store where GC will unload, store if needed, and install as per schedule. Any MEP connections required will be by GC. Any existing fixtures (gondola, display tables, etc.) that need to be relocated or removed will be unloaded by the store but the actual relocation/removal/etc. is to be by GC. All racking shall be wedge anchored to the floor and all cross members & wire grid shall be bolted. Verify cross member locations with store management prior to bolting.
Case Reskinning	GC	***See Re-Skinning Schedule on Plans*** ***See required vendor notes below***
Glass Door Case Retrofit	BGC	By refrigeration contractor - ***See required vendor notes below***
Bakery/Deli/Market equipment start-up	Both	For all bakery/deli/market equipment GC is to receive/store equipment and install with all required MEP connections when project is ready for installation. GC is to notify BGC's superintendent at least 48 hours in advance of when the new equipment will be ready for BGC to complete the startup of the equipment. BGC's superintendent will notify the maintenance supervisor for the store who will then coordinate the startup with the necessary vendor. Please also note no existing in place equipment is to be disconnected or removed until the replacement piece of equipment is onsite. All removed equipment must be palletized for BGC to return on their scheduled clean outs back to equipment warehouse.

Gas Line Bleeding	GC	GC to bleed any gas lines that required work or connection to any new equipment prior to equipment startup.
Refrigerated Case LED Retrofit	GC	For all refrigerated cases that are not being replaced, and do not currently have LED lighting the lighting within the case is to be replaced with new LED lights. ***See required vendor notes below***
Dock Levelers, Seals & Bumpers	GC	*** See required vendor notes below***
Division 12 - Furnishings		
All furnishings	Both	BGC to procure all furnishings/fixtures. All items will be shipped to the store and are to be received, stored, and installed by GC. GC will also be required to complete final MEP connections to any items that may require them.
Division 13 - Special Construction		
All special construction	General Contractor	
Division 14 - Conveying Systems		
All conveying systems	General Contractor	
Division 15 - Mechanical		
Environmental package units	Both	BGC will furnish unit & opening dimensional information for GC use in coordination of install. Units delivered to site to be unloaded, set in place, and all connections made by GC. Startup by general contractor verification of sequence of operations by manufacturer. (Units 20 tons & higher purchased by BGC / Units less than 20 tons purchased by GC.) BGC will furnish curbs for any BGC supplied units, installed by GC.
Environmental package units misc items	General Contractor	Includes curbs (except for BGC supplied units), ductwork, condensate drain lines, thermostats, sensors and thermostat control wiring including termination at CPC control panel. MODBUS and RS485 network cabling included where applicable. Coordinate termination with RC/EMS.
All other HVAC (equipment & scope)	General Contractor	Note termination of control wiring at CPC will be by GC.
Refrigeration condensers or racks	BGC	Any steel supports or electrical needs for these items will be by GC.
All case/condenser/rack EMS/ CPC cabling	BGC	Note will be furnished, installed and terminated by BGC refrigeration contractor.
RLDS	BGC	RLDS equipment will be furnished and installed by BGC refrigeration contractor.
Plumbing	General Contractor	GC to have all sanitary sewer and grease waste lines jetted within one week of re-grand opening.
Produce case misting systems	BGC	GC to provide plumbing connection for misting system. BGC refrigeration contractor to notify BGC when cases are ready for system to be installed.
Fire protection	General Contractor	
Hoods	General Contractor	
Fire suppression systems	General Contractor	***See required vendor notes below***
Test & Balance	General Contractor	***See required vendor notes below***
Please note GC shall have all work related to refrigeration piping chases including but not limited to cutting, patching, and sealing of any wall/floor penetrations, refrigerated pits, pvc sleeves, etc. GC shall also have any all roof penetrations required for the refrigeration scope of work as well.		
Division 16 - Electrical	Responsible Party	Notes
Overall electrical scope	General Contractor	***See required vendor notes below an electrical contractor from the list of 7 below must be used***
Light fixtures (interior & exterior) - Tx & La locations	Both	Furnished to jobsite by BGC. Unloaded, store, and installed by GC.
Light fixtures (interior & exterior) - Ar locations	Both	GC will have to contract with Negawatt. See required vendors list.
Parking lot light poles	Both	Furnished to jobsite by BGC. Unloaded, store, and installed by GC.
Emergency generators, transfer switches, docking stations	Both	Furnished to jobsite by BGC. Unloaded, store, and installed by GC.
UPS (if applicable)	Both	Furnished to jobsite by BGC. Unloaded, store, and installed by GC.
Power poles	General Contractor	
Telephone systems	BGC	
Camera systems	BGC	
Fire alarm systems	General Contractor	
EAS systems	BGC	
Security systems	BGC	
Lighting controls	BGC	
All other IT systems	BGC	
REQUIRED VENDORS LIST		
Automatic Entrance Doors - Open to prior approved products if not already specified.		
Overhead Doors, Dock Doors, Dock Levelers, Dock Seals and Bumpers - Open to prior approved products if not already specified.		
Fire Extinguishers/Cabinets & Fire Suppression Systems - Open to prior approved products if not already specified.		
Arkansas Stores Only - Lighting contractor - Negawatt - Jay Morris (806)-778-7569		
Refrigerated Case Reskinning - TNT Industries - Robert (712)-790-3837		
Glass Door Case Retrofit - Hussmann Refrigeration - David Denney (214)-878-3874		
Refrigerated Case LED Lighting Retrofit - Energy Efficient Lighting - Steve Panapinto (318)-347-0001		
Test & Balance - Oxner Engineering - Jim Oxner (318)-458-3172		
HDPE Material - QualServ North America - Hannah McClain - (479)-462-3222		
ACCEPTABLE VENDORS LIST		
Exterior Signage - Design Center Signs - Paul Ingle - (903)-521-2136		
Exterior Signage - Turner Sign Systems - Greg Turner - (817)-789-2351		
Exterior Signage - Chandler Signs - Jim Hagle - (214)-577-9577		
Exterior Signage - Ark-La-Tex Superior Signs - Mike Good - (318)-208-4278		
Exterior Signage - Accent Graphics, Inc. - Kevin Kendall - (214)-548-3125		
Exterior Signage - AAA Signs, Inc. - Gary Holland - (337)-654-1705		
Cleanout/Pit metal trim following Gerflor Installation - Iron Hill Services - Dustin Davis (903)-245-4961		
Cleanout/Pit metal trim following Gerflor Installation - DMR Mechanical - Casey Olden - (318)-564-7482		
Electrical Contractor - Pro Electric - Mark Caskey (903)-570-3864		
Electrical Contractor - Trico Electric - Chris Jackson (903)-216-7217		
Electrical Contractor - HMR Electrical - John Williams (318)-469-0175		
Electrical Contractor - Twin Cities Electric - Garland Meredith (318)-372-0044		
Electrical Contractor - RLH Electric - Robbie Hodges (318)-366-2475		
Electrical Contractor - East Texas Electric - Luke (903)-663-9311		
CC's Coffee & Pizza Hut		
See tabs below for responsibility matrices, required vendors & acceptable vendors		



430 E. Front St.
 Tyler, TX 75702
 903-579-0500

39,756 SF
#906
 LANGLEY, OK



1624 N 3RD ST.

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:

PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE
09/23
 PROJECT NO.
4090600-0
 STORE NO.
906
 SHEET NO.
SP2.0

AS OF: 11/11/24

Reasor's

1624 N. THIRD ST.
LANGLEY, OK 74350

PERMIT SET - 11/11/2024

DRAWINGS LIST

SHEET NUMBER	SHEET TITLE	ISSUE	DATE
ARCHITECTURAL			
T1.0	COVER SHEET		
G1.0	GENERAL NOTES, ABBREVIATIONS, & LEGENDS		
G2.0	ACCESSIBILITY DETAILS		
SP1.0	OVERALL SCOPE PLAN & DESCRIPTION		
SP1.1	ENLARGED SCOPE PLAN WEST		
SP1.2	ENLARGED SCOPE PLAN EAST		
SP2.0	RESPONSIBILITY MATRIX		
LS1.0	LIFE SAFETY-ACCESSIBILITY PLAN		
A1.0	SITE PLAN		
A1.1	SITE DETAILS		
A2.0	OVERALL FIXTURE PLAN & EQUIPMENT SCHEDULES		
A2.1	ENLARGED FIXTURE PLAN WEST		
A2.2	ENLARGED FIXTURE PLAN EAST		
A3.0	FLOOR DEMOLITION PLAN		
A3.1	OVERALL FLOOR PLAN		
A3.2	ENLARGED FLOOR PLAN WEST		
A3.3	ENLARGED FLOOR PLAN EAST		
A3.4	OVERALL FLOOR FINISH PLAN		
A3.5	ENLARGED FLOOR FINISH PLAN WEST		
A3.6	ENLARGED FLOOR FINISH PLAN EAST		
A3.7	DOOR & WINDOW SCHEDULE		
A3.8	WALL TYPES & FINISH SCHEDULE		
A3.9	ENLARGED RESTROOM & BREAKROOM PLAN		
A3.10	ENLARGED VESTIBULE PLANS		
A3.11	ENLARGED PHARMACY PLAN		
A3.12	INTERIOR ELEVATIONS		
A3.13	INTERIOR ELEVATIONS		
A3.14	INTERIOR ELEVATIONS		
A4.0	DEMO EXTERIOR ELEVATIONS		
A4.1	EXTERIOR ELEVATIONS		
A5.0	WALL SECTIONS		
A5.1	SECTION DETAILS		
A5.2	DETAILS		
A6.0	PIT DRAIN PLAN		
A6.1	PIT DRAIN PLAN DETAILS		
A7.0	CEILING DEMOLITION PLAN		
A7.1	OVERALL REFLECTED CEILING PLAN		
A7.2	ENLARGED REFLECTED CEILING PLAN WEST		
A7.3	ENLARGED REFLECTED CEILING PLAN EAST		
A8.0	ROOF PLAN		
D1.0	INTERIOR DECOR ELEVATIONS		
STRUCTURAL			
S1.0	GENERAL STRUCTURAL NOTES		
S1.1	STRUCTURAL SPECIAL INSPECTION		
S2.1	ENLARGED FOUNDATION PLAN		
S2.2	ENLARGED FOUNDATION PLAN		
S3.1	ENLARGED ENTRY ROOF PLAN		
S3.2	ENLARGED ROOF STRUCTURE PLAN		
S4.0	TYPICAL DETAILS		
S4.1	TYPICAL DETAILS		
S4.2	TYPICAL DETAILS		
S4.3	TYPICAL DETAILS		
MECHANICAL			
M1.0	MECHANICAL PLAN		
M1.1	ENLARGED MECHANICAL PLAN		
M1.2	ENLARGED MECHANICAL PLAN		
M2.0	MECHANICAL SCHEDULES AND DETAILS		
M2.1	MECHANICAL SCHEDULES AND DETAILS		
M3.0	MECHANICAL SCHEDULES		
PLUMBING			
P1.0	PLUMBING PLAN		
P1.1	ENLARGED SANITARY SEWER PLANS		
P2.0	PLUMBING RISERS		
ELECTRICAL			
DE1.0	ELECTRICAL DEMO PLAN		
ED.0	ELECTRICAL SYMBOLS & LEGEND		
E1.0	OVERALL LIGHTING PLAN		
E1.1	ENLARGED LIGHTING PLAN		
E1.2	ENLARGED LIGHTING PLAN		
E2.0	OVERALL POWER PLAN		
E2.1	ENLARGED POWER PLAN		
E2.2	ENLARGED POWER PLAN		
E3.0	ELECTRICAL ROOF POWER PLAN		
E4.0	ONE-LINE DIAGRAM		
E4.1	PANELBOARD SCHEDULES		
E4.2	PANELBOARD SCHEDULES		
E5.0	REFRIGERATION POWER PLAN		
E5.1	REFRIGERATION POWER PLAN		
E5.2	REFRIGERATION POWER PLAN		
E6.0	DATA PLAN		
E6.1	DATA DETAILS		
E7.0	SITE LIGHTING PLAN		
FIRE PROTECTION			
FP0.0	GENERAL NOTES		
FP1.0	FIRE SPRINKLER CRITERIA PLAN		
REFRIGERATION			
R1	REFRIGERATION OVERVIEW		
R2	REFRIGERATION DESIGNATION FLOOR PLAN		
R2.1	REFRIGERATION DESIGNATION ROOF PLAN		
R3	REFRIGERATION DETAILS		
R4	REFRIGERATION LEGENDS AND NOTES		
R5	REFRIGERATION PIPING PLAN		
R5.1	REFRIGERATION PIPING AND SIZE TABLE		
REM1	ENERGY MANAGEMENT OVERVIEW		
REM2	ENERGY MANAGEMENT TERMINATION FLOOR PLAN		
REM2.1	ENERGY MANAGEMENT TERMINATION ROOF PLAN		
REM3	ENERGY MANAGEMENT LEAK DETECTION PLAN		
REM4	ENERGY MANAGEMENT I/O SCHEDULES		
REM5	ENERGY MANAGEMENT CONTROL RISER DIAGRAMS		
REM6	ENERGY MANAGEMENT CONTROL SCHEDULES		

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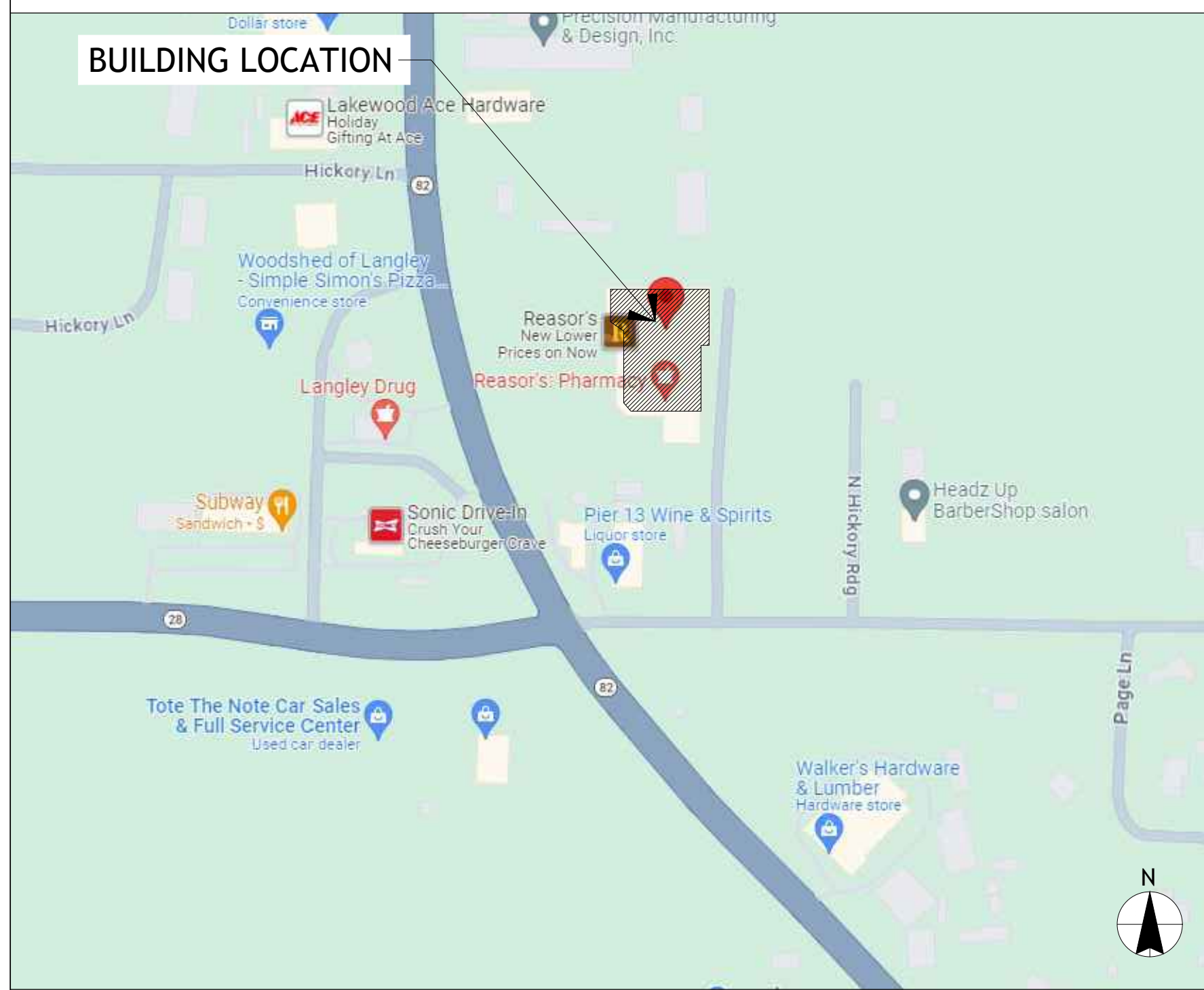
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111 3rd Avenue S
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612.547.1300
Minneapolis, MN 55401
www.core-states.com



Drawn: EDUARDO GUZMAN
Reviewed: A. FEULNER
Sheet Date: 11/11/24
Proj. Number: BGC.37947.RR

SITE MAP



LOCATION MAP



PROJECT DIRECTORY

OWNER
BROOKSHIRE'S FACILITY SERVICES,
DIVISION OF BROOKSHIRE GROCERY COMPANY
430 E. FRONT ST.
TYLER, TX 75702
PHONE: 903.579.0500

BGC PROJECT MANAGER
BROOKSHIRE'S FACILITY SERVICES,
DIVISION OF BROOKSHIRE GROCERY COMPANY
430 E. FRONT ST.
TYLER, TX 75702
CONTACT: JEFF GRAY
PHONE: 318.450.8066
EMAIL: jeffgray@brookshires.com

PROJECT CONTACT
CORE STATES INC.
111 3RD AVENUE SOUTH, STE 400
MINNEAPOLIS, MN 55411
PHONE: 612.547.1352
CONTACT: ANGIE FEULNER
EMAIL: afeulner@core-states.com

ARCHITECT
CORE STATES INC.
111 3RD AVENUE SOUTH, STE 400
MINNEAPOLIS, MN 55411
ARCHITECT OF RECORD: ANGIE FEULNER

STRUCTURAL ENGINEER
CORE STATES INC.
10 N. HIGH ST., SUITE 310
WEST CHESTER, PA 19380
PHONE: 215.809.2125
CONTACT: DAVID BALMA
EMAIL: dbalma@core-states.com
ENGINEER OF RECORD: DAVID BALMA

MECHANICAL ENGINEER
CORE STATES INC.
212 SE 34TH ST., SUITE 2
BENTONVILLE, AR 72712
PHONE: 479.877.3407
CONTACT: ZACHARY ARCHER
EMAIL: zacharcher@core-states.com
ENGINEER OF RECORD: DAVID LEIFFER

ELECTRICAL ENGINEER
CORE STATES INC.
110 N. 11TH ST., SUITE 101
TAMPA, FL 33602
PHONE: 813.319.8743
CONTACT: KENT CRAIG
EMAIL: kcraig@core-states.com
ENGINEER OF RECORD: JOHN FERGUSON

TOWN OF LANGLEY
BUILDING DEPARTMENT
324 W. OSAGE AVE.
PO BOX 760
LANGLEY, OK 74350
CITY HALL: 918.782.9850
WATER DEPARTMENT: 918.782.2776

PROJECT DESCRIPTION

EXISTING REASOR'S GROCERY STORE REMODEL. SCOPE INCLUDES DEMOLITION, NEW FIXTURES, NEW FINISHES, NEW EQUIPMENT AND NEW LIGHTING

CODE SUMMARY

APPLICABLE CODES
2018 INTERNATIONAL BUILDING CODE w/ LOCAL AMENDMENTS
2020 NATIONAL ELECTRICAL CODE
2018 INTERNATIONAL MECHANICAL CODE w/ LOCAL AMENDMENTS
2018 INTERNATIONAL PLUMBING CODE w/ LOCAL AMENDMENTS
2018 INTERNATIONAL FIRE CODE w/ LOCAL AMENDMENTS
2018 INTERNATIONAL RESIDENTIAL CODE w/ LOCAL AMENDMENTS
2018 INTERNATIONAL PROPERTY MAINTENANCE CODE w/ LOCAL AMENDMENTS

BUILDING DATA

DESCRIPTION	EXISTING / PROPOSED
USE GROUP:	M (MERCANTILE)
ACCESSORY USES:	S (STORAGE)
MIXED USES:	N/A
INCIDENTAL USES:	N/A
CONSTRUCTION TYPE:	II-B
SPRINKLER SYSTEM:	SPRINKLED
BUILDING HEIGHT & AREA:	
HEIGHT:	-
AREA:	-
GROSS BUILDING AREA:	-

OCCUPANCY LOAD TABLE 1004.5:

ROOM TYPE	SF / OCC. LOAD FACTOR	OCCUPANCY LOAD
GROUND FLOOR RETAIL SALES:	27175/60	453
TRAINING:	204/15	14
BREAKROOM:	414/15	28
KITCHEN:	2539/200	13
OFFICE:	1022/100	10
STOCKROOMS:	8663/300	29
TOTAL OCCUPANCY LOAD:		
	40933 SQ.FT.	547

RESTROOM CALCULATIONS

OCCUPANT LOAD FACTOR 547 TOTAL OCCUPANTS / 2 = 274 MALE & 274 FEMALE

	RATIO	MALE		FEMALE	
		REQUIRED	PROVIDED	REQUIRED	PROVIDED
LAVATORY	1:750	1	2	1:750	1
WATER CLOSETS	1:500	1	2	1:500	1
URINAL	50% of WC	1	2	N/A	N/A
DRINKING FOUNTAIN	1:1000	1	2	SEE "MALE"	SEE "MALE"

SEPARATE SUBMITTALS

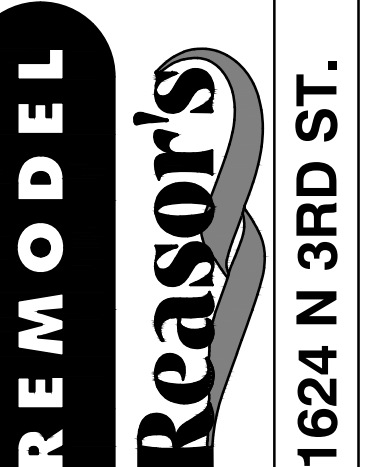
GC SHALL OBTAIN PERMITS LISTED BELOW PRIOR TO INSTALLATION PER LOCAL JURISDICTION REQUIREMENTS.

- FIRE ALARM SYSTEM
- FIRE SUPPRESSION SYSTEM
- SIGN PACKAGE
- SOUND SYSTEM



430 E. Front St.
Tyler, TX 75702
903-579-0500

39,756 SF
#906
LANGLEY, OK



1624 N 3RD ST.

REVISION DESCRIPTION

NO.	DATE	REVISION DESCRIPTION
0	11/11/2024	PERMIT SET

ISSUED FOR:
 PRELIMINARY
 REVIEW
 PERMIT
 BIDDING
 CONSTRUCTION

DATE
09/23
PROJECT NO.
4090600-0
STORE NO.
906
SHEET NO.

T1.0

AS OF: 11/11/24