



Bryant Planning Commission Meeting

Boswell Municipal Complex - City Hall Court Room

210 SW 3rd Street

YouTube: <https://www.youtube.com/c/bryantarkansas>

Date: January 09, 2023 - **Time:** 6:00 PM

Call to Order

Approval of Minutes

1. Planning Commission Meeting Minutes - 12/12/2022

- [2022-12-12 Planning Commission Meeting Minutes.pdf](#)

Announcements

Director's Report

DRC Report

2. 2303 & 2209 Ridgecrest - Rezoning from R-M to C-2

Hope Consulting - Requesting Approval for Rezoning from R-M to C-2 - NO RECOMMENDATION

3. Sherwood Park Subdivision - Lots 10-13 - Replat

Arkansas Surveying & Consulting - Requesting Approval for Replat - RECOMMENDED APPROVAL, Contingent upon adding 10ft easement along front of lots

4. Shady Pine Strip Center - Shady Pine Lane - Site Plan

Alan Schader - Requesting Site Plan Approval - APPROVED, Contingent upon the following being addressed: Landscaping, Facade Glazing, Detention Basin

- [0632-PLN-02.pdf](#)
- [0632-RDR-01.pdf](#)
- [0632-PLN-01.pdf](#)

5. Dunkin Donuts - Remodel - Exterior Changes

Requesting Approval for Exterior Changes to Building - APPROVED

- [0642-pln-01.pdf](#)

6. Alcoa Exchange - Tenant B - Additional Site Improvements

Bailey Construction - Requesting Approval for Site Improvements for Tenant Buildout - APPROVED

- [0646-PLN-01.pdf](#)
- [0646-PLN-02.pdf](#)

Public Hearing

7. 2303 & 2209 Ridgecrest - Rezoning from R-M to C-2

Hope Consulting - Requesting Approval for Rezoning from R-M to C-2

- [0625-LTR-01.pdf](#)
- [0625-APP-01.pdf](#)
- [0625-PLN-01.png](#)

Old Business

New Business

8. Sherwood Park Subdivision - Lots 10-13 - Replat

Arkansas Surveying & Consulting - Requesting Approval for Replat

- [0638-APP-01.pdf](#)
- [0638-PLN-01.pdf](#)

Adjournments



Bryant Planning Commission Meeting Minutes

Monday, December 12, 2022

Boswell Municipal Complex – City Hall Courtroom

6:00 PM

Agenda

CALL TO ORDER

- Chairman Rick Johnson calls the meeting to order.
- Commissioners Present: Johnson, Burgess, Statton, Hooten, Penfield,
- Commissioners Absent: Edwards, Arey

ANNOUNCEMENTS

Item #14 on the agenda has been removed due to not meeting hearing requirements.

APPROVAL OF MINUTES

1. Planning Commission Meeting Minutes

Motion to Approve Minutes made by Commissioner Statton, Seconded by Commissioner Burgess. Voice Vote, 5 Yays, 0 nays. 3 Absent.

Vice-Chairman Burgess read the DRC Report.

DRC REPORT

2. 2008 Johnswood Road - Rezoning From R-E to R-2

Sergio Martinez - Requesting Approval for Rezoning from R-E to R-2 - Recommended Approval

3. Lots 6 & 7 Pikewood Subdivision II - CUP for Duplexes

Kannon Porter - Requesting Approval for Conditional Use Permits to Build Duplexes on Lots - Recommended Approval

- 4. 2303 & 2209 Ridgecrest - Rezoning From R-M to C-2**
Hope Consulting - Requesting Rezoning from R-M to C-2 - No Recommendation
- 5. Hester 3 Lot Subdivision - Springdale Road and Kelley Lane**
Joe Hester - Requesting Final Plat Approval - Recommended Approval, Contingent upon Submittal of BOA and Letter Requesting Waiver on Half-Street Improvements
- 6. Cool Springs Mobile Home Community - Special Sign Permit**
Cool Springs MHC - Requesting Approval for Special Sign Permit for Additional Signage - No Recommendation
- 7. Saline Dental - 3001 Horizon Street - Parking Lot Changes**
Charlie Best - Requesting Approval for Changes to Site Plan - Approved, Contingent upon \$500 Stormwater In-lieu-of fee being paid
- 8. Domino's - 3415 HWY 5 - Facade Changes**
Tom Whitehead - Requesting Approval for Facade Changes - Approved, Contingent upon Staff Approving Siding Fastener Concealers
- 9. Scooter's Coffee - 1816 Reynold's Road - Monument Sign**
Springfield Sign - Requesting Approval for Monument Sign - Approved, Contingent upon verification that the sign does not go over the waterline.
- 10. The Office - 205 Progress Way Ste 200 & 500 - Sign Permit**
L Graphics - Requesting Sign Permit Approval - STAFF APPROVED
- 11. Five Star Fireworks - Temporary Business Permits**
Mark Bradford - Requesting Approval for Temporary Business Permits for Fireworks Tents at 5407 HWY 5 & 23395 I-30 - APPROVED

PUBLIC HEARING

- 12. 2008 Johnswood Rd - Rezoning from R-E to R-2**
Sergio Martinez - Requesting Approval for Rezoning from R-E to R-2

*No one from the public to speak. Commission Approved and will send to Council.
Chairman Johnson called for a roll call vote to approve. 5 Yays, 0 Nays, Edwards, Arey absent.*

13. Lots 6 & 7 Pikewood Subdivision II - CUP for Duplexes

Kannon Porter - Requesting Approval for Conditional Use Permits to Build Duplexes on Lots.

No one from the public to speak. Chairman Johnson called for a roll call vote to approve. 5 Yays, 0 Nays, Edwards, Arey absent

~~**14. 2303 & 2209 Ridgecrest - Rezoning from R-M to C-2**~~

~~Hope Consulting - Requesting Approval for Rezoning from R-M to C-2~~

Item Removed From Agenda.

Motion to Close Public Hearing made by Commissioner Burgess, Seconded by Commissioner Penfield. Voice Vote, 5 Yays, 0 nays. Edwards, Arey Absent.

NEW BUSINESS

15. Hester 3 Lot Subdivision - Springdale Rd and Kelley Lane

Joe Hester - Requesting Final Plat Approval and Modification from Code for Waiver on Half-Street Improvements

After a brief discussion Chairman Johnson called for a roll call vote. 5 Yays, 0 Nays, Edwards, Arey absent

16. Cool Springs Mobile Home Community - Special Sign Permit

Cool Springs MHC - Requesting Approval for Special Sign Permit for additional signage.

Previously, the Applicant came forward and requested a special sign permit for 454 Square feet of signage. They are requesting approval for new signage in addition to the previously approved which would bring the total Square footage to 654. After a brief discussion Chairman Johnson called for a roll call vote. 5 Yays, 0 Nays, Edwards, Arey absent.

17. City of Bryant New Sign Code Proposal

Truett Smith - Requesting Approval for New Sign Code Proposal.

Truett Smith explained the new proposal. There was a discussion regarding the way signs will be measured and the new maximum square footage. No action was taken on the item due to the Commission not having a quorum.

18. 2023 Development Calendar

Requesting Approval for 2023 Development Meeting Dates

Statton made a motion to approve, Penfield seconded the motion. Voice Vote, 5 yays, 0 nays. Edwards, Arey absent

19. Nomination of 2023 Chair and Vice-Chair of Planning Commission

Nominating Committee Report and Proposal. The Nominating Committee announced the chair and vice-chair nominations. Chair - Johnson, Vice-chair - Burgess.

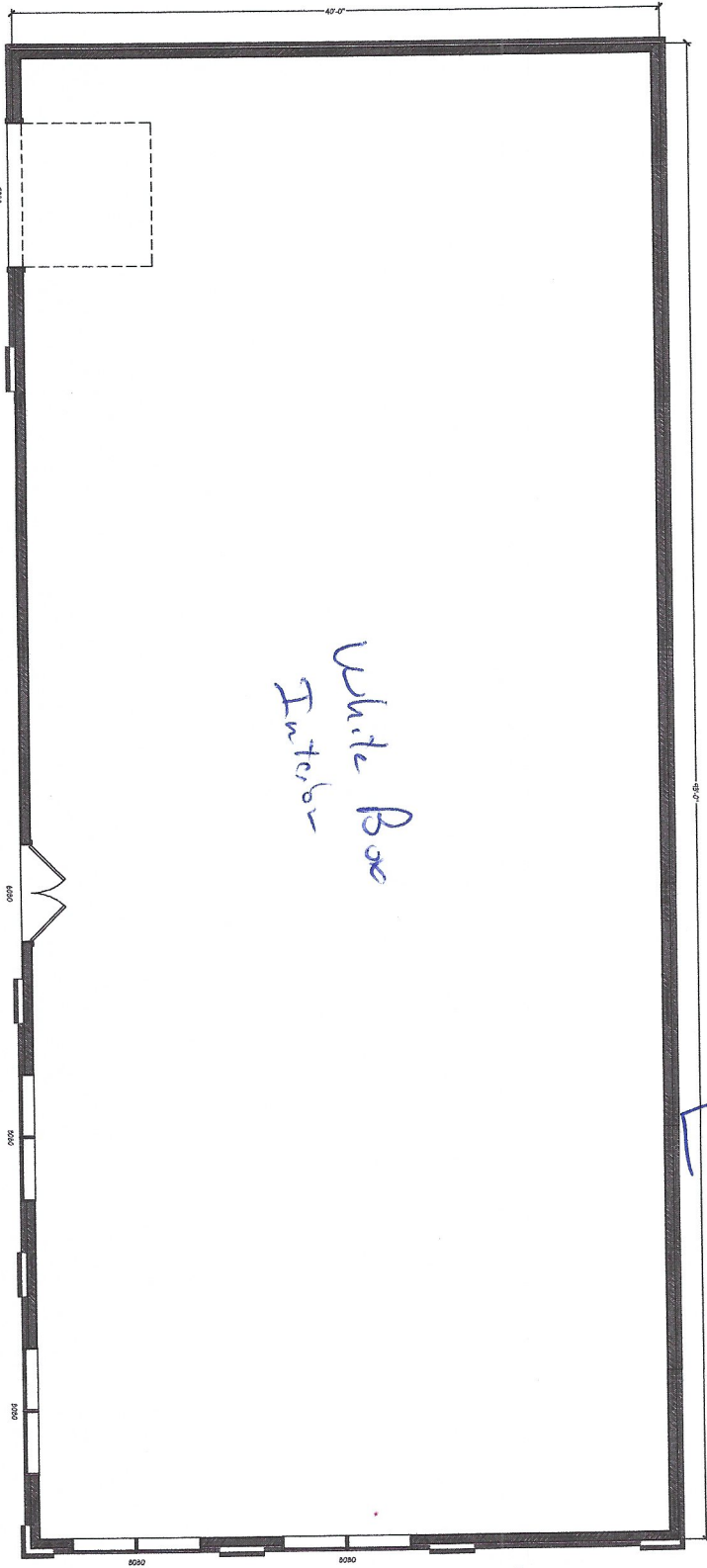
Statton made a motion to approve, Hooten seconded the motion. Voice Vote, 5 yays, 0 nays. Edwards, Arey absent

ADJOURNMENT

Motion to Adjourn made by Commissioner Penfield, Seconded by Commissioner Burgess. Voice Vote, 5 Yays, 0 nays. Edwards, Arey Absent. Meeting was adjourned.

Chairman, Rick Johnson *Date*

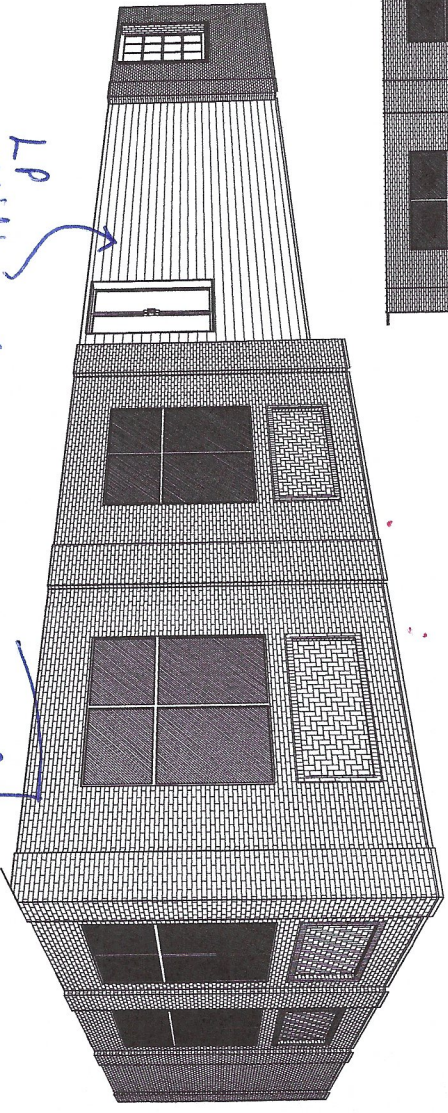
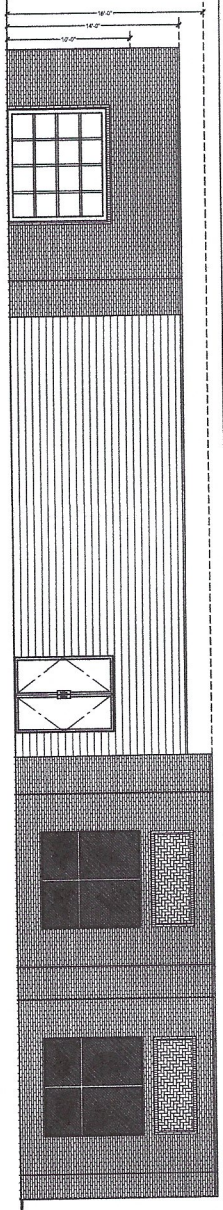
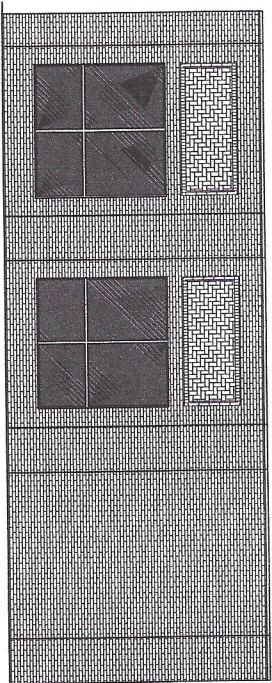
Secretary, Tracy Picanco *Date*



White Box
Interior

LP
Siding
Distal

No
Metal
Siding
All
Bridges
LP



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DESIGNED FOR:
 BREWERY

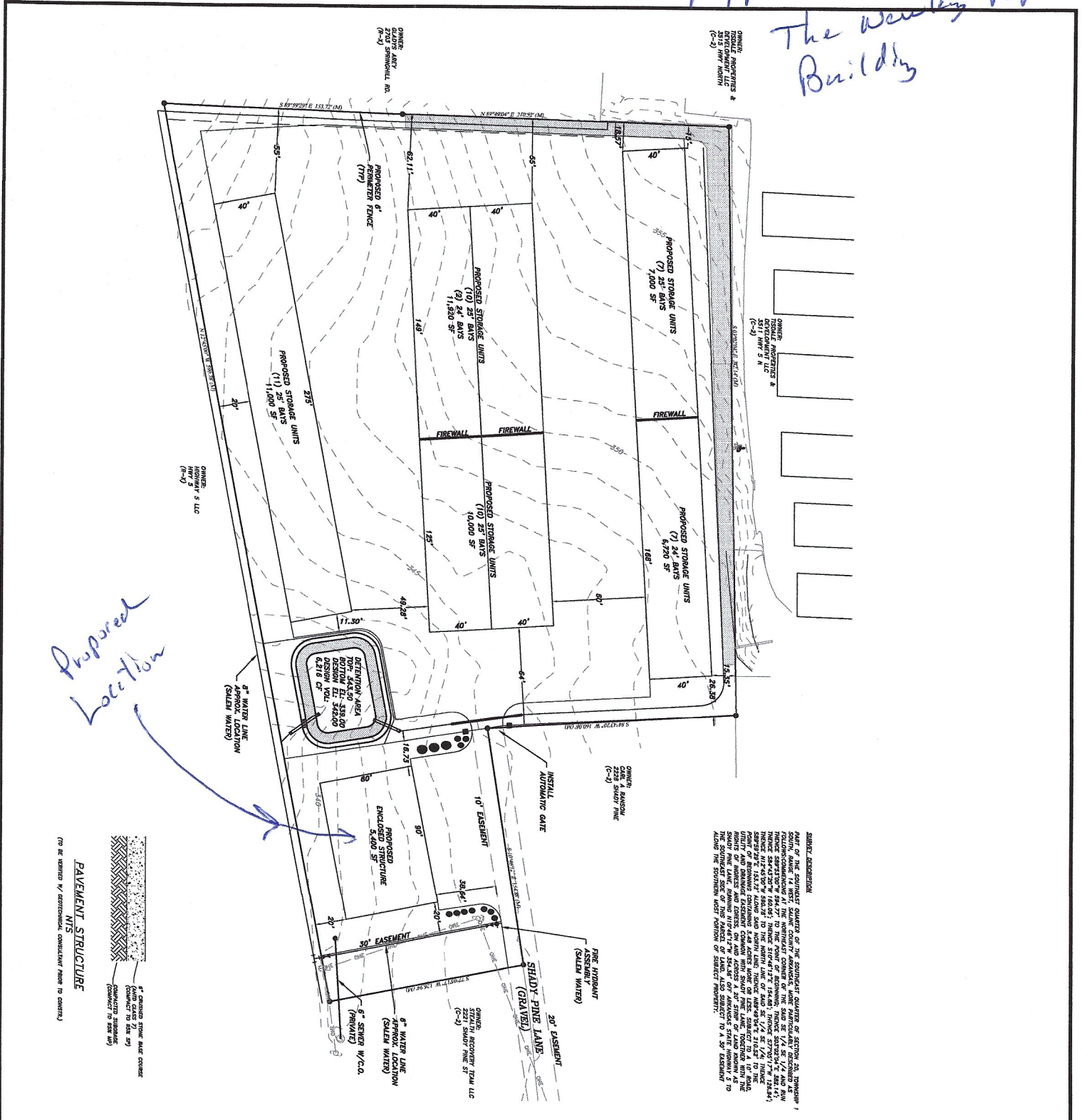
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 11/18/2022

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SHEET:

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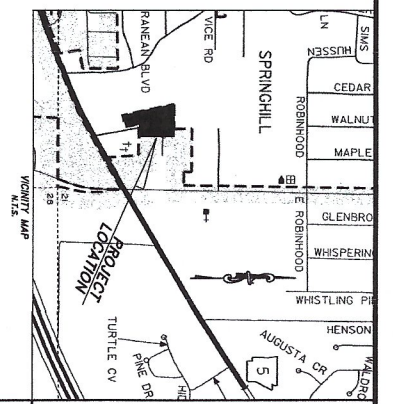
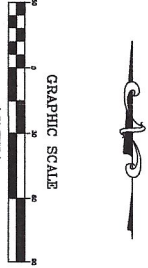
Approved Plat Shows
The Weekly Paper
Building



SUBJECT DESCRIPTION:
PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 20, TOWNSHIP 1 NORTH, RANGE 12 WEST, COUNTY OF ARKANSAS, STATE OF ARKANSAS, BEING 1.00 ACRES MORE OR LESS, AS SHOWN ON PLAT NO. 12345, DATED 12/15/2010, AND BEING MORE OR LESS AS SHOWN ON PLAT NO. 67890, DATED 08/10/2015, AND BEING MORE OR LESS AS SHOWN ON PLAT NO. 11223, DATED 03/20/2018, AND BEING MORE OR LESS AS SHOWN ON PLAT NO. 44556, DATED 01/15/2020.

Proposed Location

PAVEMENT STRUCTURE N/S



- GENERAL NOTES:**
- 1.) SHOW ALL AT ALL LOT CORNERS.
 - 2.) SURVEYING PROVIDED BY COUNTY POINT SURVEYING, P.L.L.C.
 - 3.) EXISTING UTILITIES SHOWN AS DASHED LINES UNLESS OTHERWISE NOTED.
 - 4.) HIDE ALL EXISTING UTILITIES UNLESS OTHERWISE NOTED.
 - 5.) ATTENTION IS CALLED TO CONSTRUCTION DETAILS FOR APPROVAL INFORMATION.
 - 6.) APPROXIMATE SHADING IS CONSIDERED IN ACCORDANCE WITH THIS PLAN AND BASED ON THE AVAILABLE INFORMATION.
 - 7.) CONTRACTOR SHALL INCLUDE IN BID THE COST FOR CONSTRUCTION TESTS ON EXISTING AND NEW.
 - 8.) CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE ARKANSAS STATE HIGHWAY & TRANSPORTATION DEPARTMENT'S DESIGN AND CONSTRUCTION MANUAL.
 - 9.) CONTRACTOR TO ADHERE TO CURRENT DESIGN STANDARDS & REVISIONS.
 - 10.) THE PROPOSED LOCATION OF THE PROPOSED STRUCTURES, PAVEMENT, AND UTILITIES ARE SHOWN ON THIS PLAN AND SHALL BE CONSIDERED THE EXACT LOCATION OF THE PROPOSED ITEMS SHOWN AND NOT SHOWN.

FLOOD CERTIFICATION:
NO PART OF THIS PROPERTY APPEARS TO BE WITHIN ZONE A OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 02500, WHICH SHOWS AN OVERFLOW DATE OF 1987, 1988.

GENERAL INFORMATION:
ZONE CLASSIFICATION: C-2
FRONT SETBACK: 30.00'
SIDE SETBACK: WEST = 30.00' EAST = 15.00'
REAR SETBACK: AS SHOWN
LOT COVERAGE: 34% (SEE MAP)
FINISHED FLOOR ELEVATION SHALL PROVIDE FOR ROOFING DRAINAGE AWAY FROM BUILDING IN ALL DIRECTIONS AS DETERMINED IN THE FIELD.

SITE PLAN
LOT 1, SCHRADER COMMERCIAL ADDITION
PART OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4, SECTION 20, T-1-S, R-14-W

RICHARDSON ENGINEERING, PLLC
CIVIL ENGINEERING:
WATER/WASTEWATER • SITE DEVELOPMENT • SUBDIVISIONS
P.O. BOX 192
BENTON, AR 72018
PHONE: (501) 249-3141

No.	Revisions	Date
1	REV. W/L LOC./ESMT. (SALEM WATER)	3/1/17
2	LOWER SITE 2', REV. GET. POND ELEV'S	4/10/17

Prepared For:
Alan Schrader
P.O. Box 824
Bryant, AR 72089

Scale: 1" = 30'
Date: **DECEMBER 2016**
Sheet: 2 of 5



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DESIGNED FOR:

BREWERY

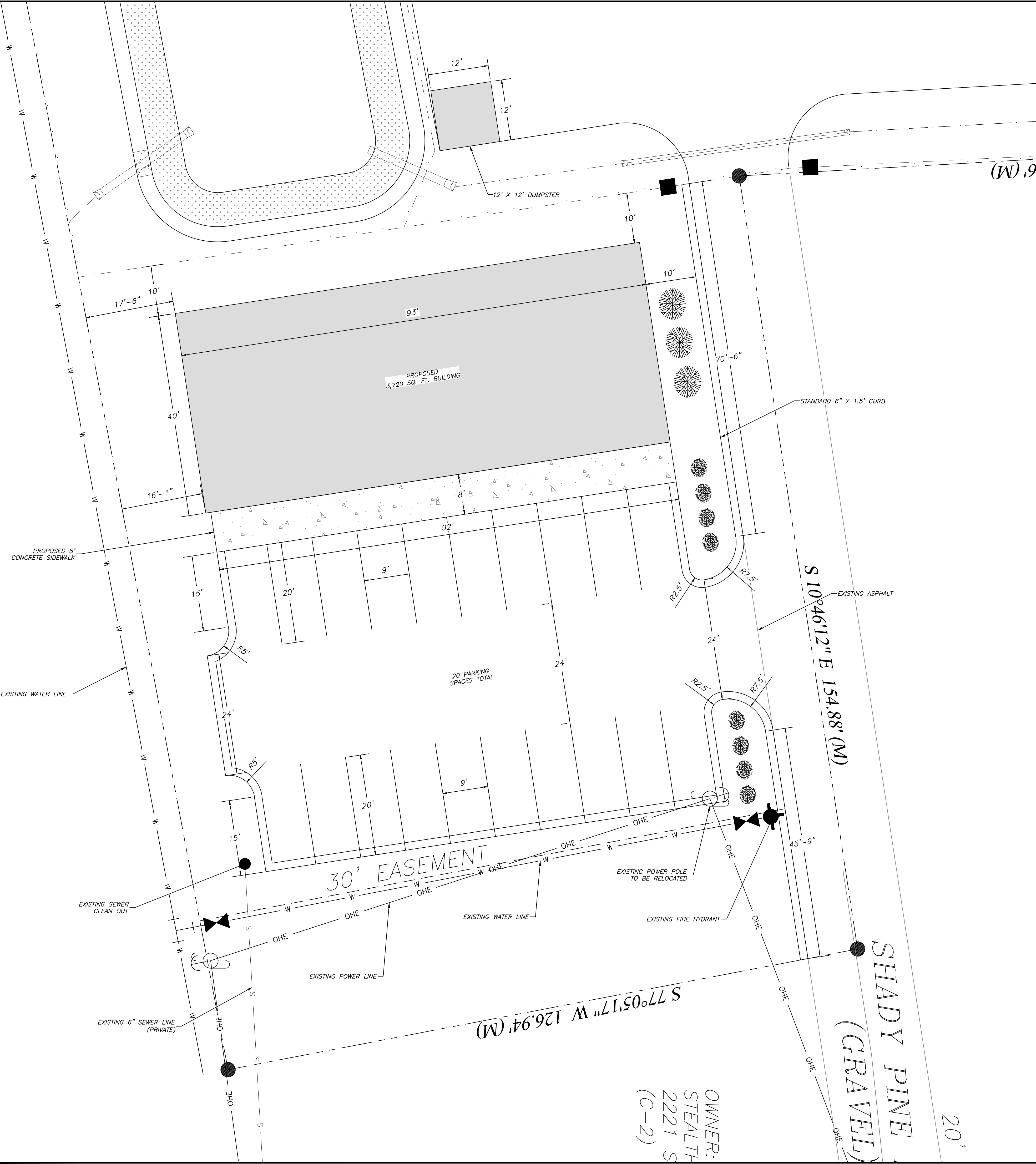
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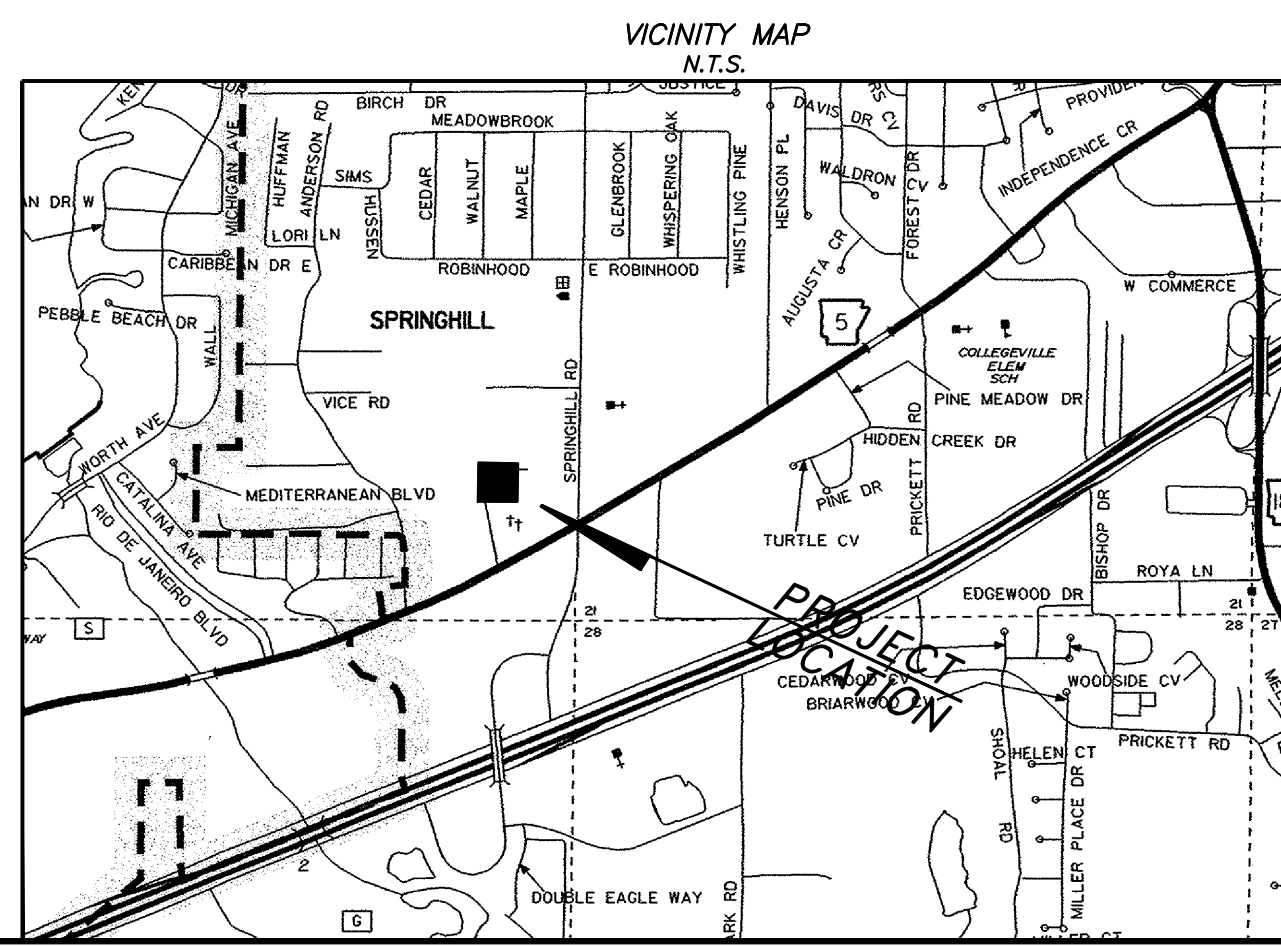
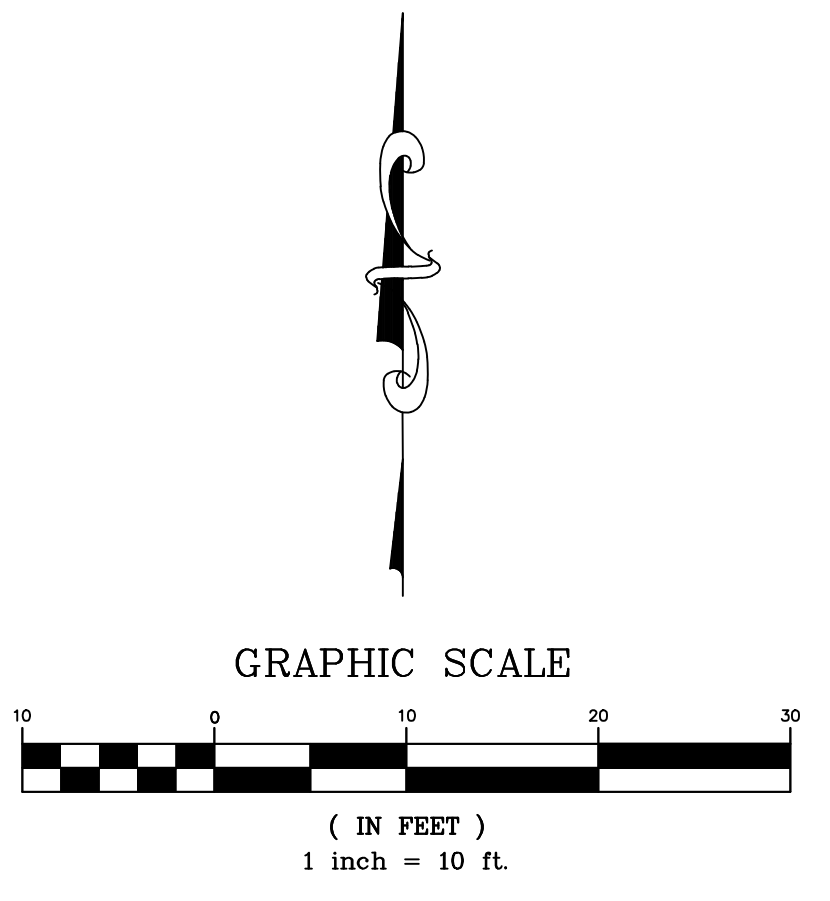
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OWNER:
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(C-2)



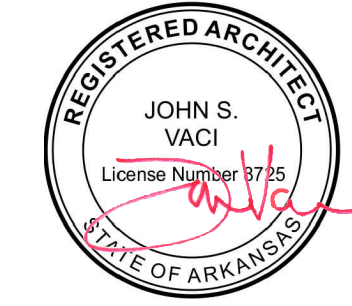
325 W. SOUTH STREET, BENTON, AR 72015 (501)315-7225	
PRELIMINARY SITE PLAN SHADY PINE STRIP CENTER PART OF THE SE 1/4 OF THE SE 1/4, SECTION 20, T-1-S, R-14-W	
Prepared For:	ALAN SCHRADER P.O. BOX 824 BRYANT, AR 72089
Date:	
Revisions:	
PROJECT NO.:	022-034
Scale:	1" = 10'
Date:	10/26/2022
Sheet:	1 of 1

Lagunita Franchise Operations
 Tony Antoon and Damon Dunn
 tony@lfops.com
 601.940.6914



Store Number: 350624
 2234 N Reynolds Road
 Bryant, AR 72022

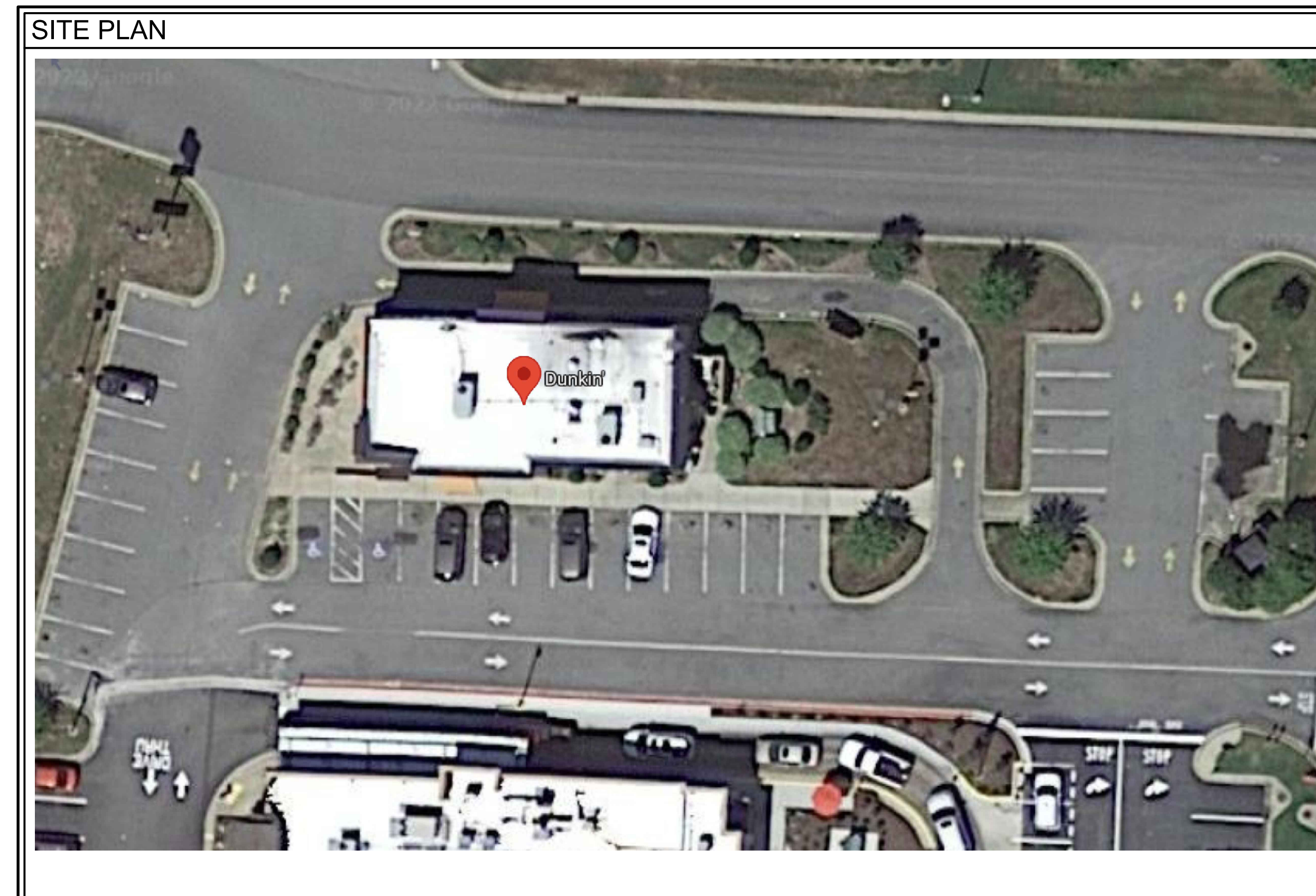
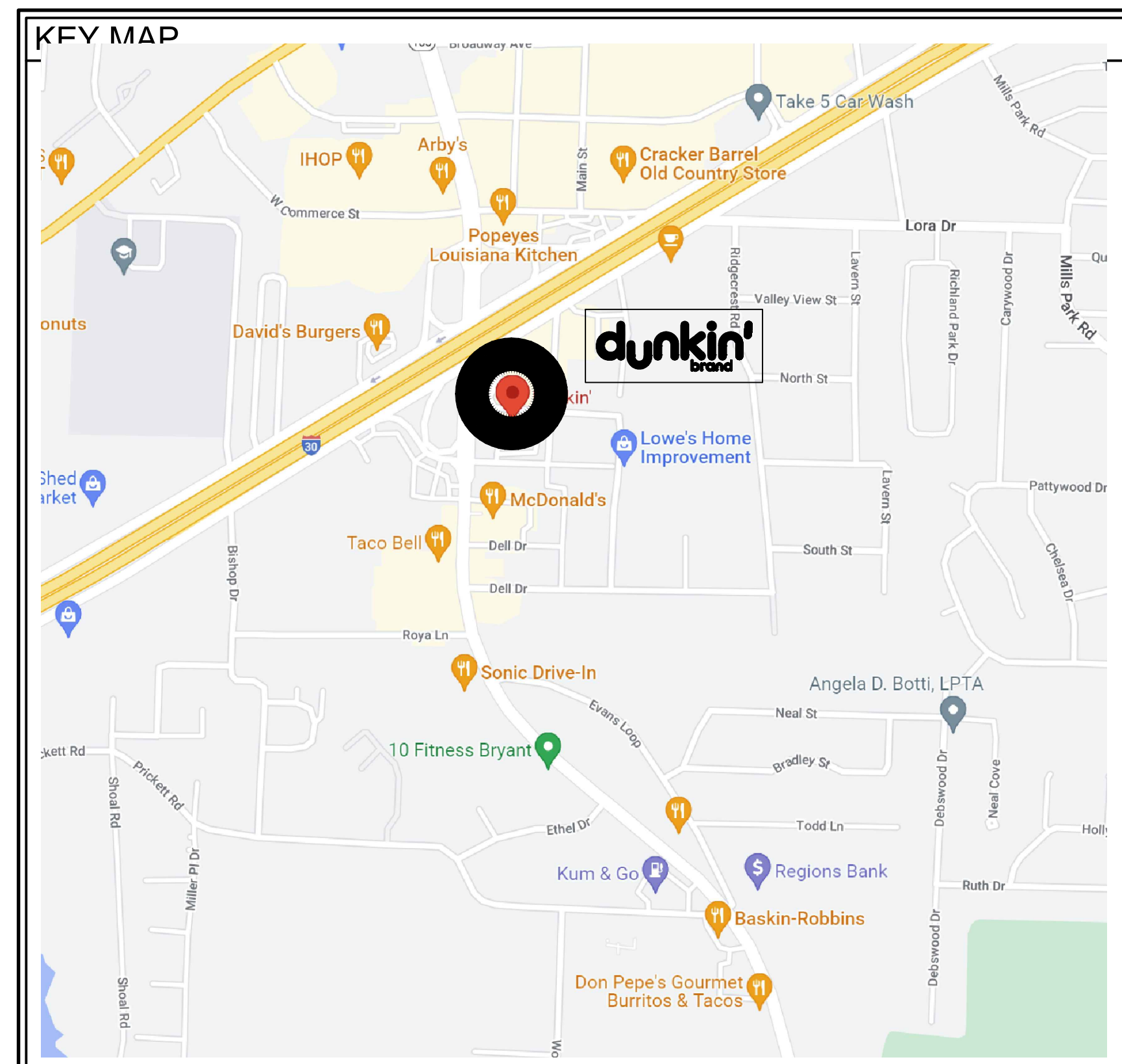
John S Vaci, Architect
 1138 BERWICK ROAD
 BIRMINGHAM, AL 35242
 205.541.7898
 john@johnvaciarchitect.com



1/1/2022

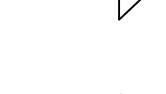
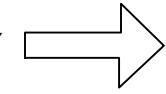
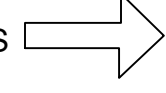
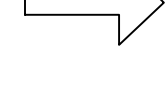
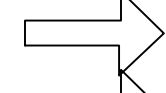
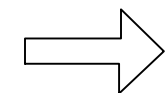
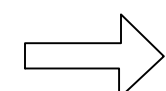
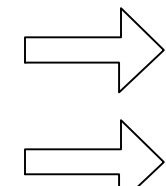
ABBREVIATIONS		DRAWING SYMBOLS	
# Pound OR Number	CALV Galvanized	T/D Telephone/Data	(1) DETAIL SHEET
& And	GC General Contractor	TYP Typical	(1) SECTION CUT SHEET
@ At	GWB Gypsum Wall Board	UNO Unless Noted Otherwise	(1) DETAIL SHEET
ACT Acoustic Ceiling Tile	HC Hollow Core	U/S Underside	(1) ELEVATION INDICATOR
AD Area Drain	HI High	VIF Verify In Field	(1) WINDOW NUMBER
AF Above Finished Floor	HM Hollow Metal	VP Vision Panel	(A) GLASS TYPE
ALUM Aluminum	HP High Point	W/ With	ROOM NAME
ANOD Anodized	HR Hour	WD Wood	(108) ROOM IDENTIFICATION
BSMT Basement	HVAC Heating Ventilating Air Conditioning		(FRP-01) FINISH DESIGNATION
BYND Beyond	ILO In Lieu Of		(1) DOOR NUMBER
BOT Bottom	INSUL Insulated or Insulation		(A) WALL TYPE
CIP Cast In Place	INT Interior		(N) NORTH ARROW
CHNL Channel	LD Low		(5) REVISION NUMBER
CJ Control Joint	LO Low		(124B) EQUIPMENT NUMBER
CLG Ceiling	MAX Maximum		(5) KEY NOTE
CLR Clear	MO Masonry Opening		
CMU Concrete Masonry Unit	MECH Mechanical		
COL Column	MEMBR Membrane		
COMPR Compressible	MIN Minimum		
CONC Concrete	MRSWB Moisture-Resistant Gypsum		
CONT Continuous	WB Wall Board		
CPT Carpet	MTL Metal		
CT Ceramic Tile	NIC Not In Contract		
CTYD Courtyard	NO Number		
DBL Double	NOM Nominal		
DEMO Demolish or Demolition	OC On Center		
DIA Diameter	OH Opposite Hand		
DIM Dimension	OZ Ounce		
DIMS Dimensions	PC Plumbing Contractor		
DN Down	PCC Pre-Cast Concrete		
DR Door	PLMB Plumbing		
DWG Drawing	PLYD Plywood		
DS Downspout	PT Pressure Treated		
EA Each	PNT Paint or Painted		
EC Electrical Contractor	PVC Polyvinyl Chloride		
EJ Expansion Joint	RBR Rubber		
EL Elevation	RCP Reflected Ceiling Plan		
ELEC Electrical	RD Roof Drain		
ELEV Elevator or Elevation	REQD Required		
EPDM Ethylene Propylene Diene M-Class (Roofing)	RM Room		
EQ Equal	SIM Similar		
EXIST Existing	SPEC Specified OR Specification		
EXP JT Expansion Joint	SPK Sprinkler or Speaker		
EXT Exterior	SSTL Stainless Steel		
FD Floor Drain or Fire Department	STC Sound Transmission Coefficient		
FEC Fire Extinguisher Cabinet	STL Steel		
FIXT Fixture	STRUCT Structure or Structural		
FLR Floor	T&G Tongue And Groove		
FM Filled Metal	TELE Telephone		
FO Face Of	TLT Toilet		
FND Foundation	TO Top Of		
GA Gauge	TOC Top Of Concrete		
	TOS Top Of Steel		
	TPD Toilet Paper Dispenser		

INDEX OF DRAWINGS	
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A-1.1	FLOOR PLAN, DOOR SCHEDULE & WALL TYPES
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A-5.3	EXTERIOR DETAILS
A-6.0	SIGN GUIDELINES AND DETAILS
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P-1.0	PLUMBING SANITARY AND WATER PLANS
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E-3.0	EXISTING DATA/RECONNECTION PLAN
E-3.1	EXISTING DATA/RECONNECTION DETAILS



NATIONAL ACCOUNTS SOURCE INFO

Table with 7 columns: Lead Time, DBI Contact, Company/Vendor, Vendor Contact Person, Vendor Phone, Vendor Email, Website. Lists various vendors and their contact information.



METAL TRIM ON TOWER AND DT WALLS

ORANGE BAND AND CANOPY
ASK FOR ORDER FORM

PREFINISHED CEMENT BOARD

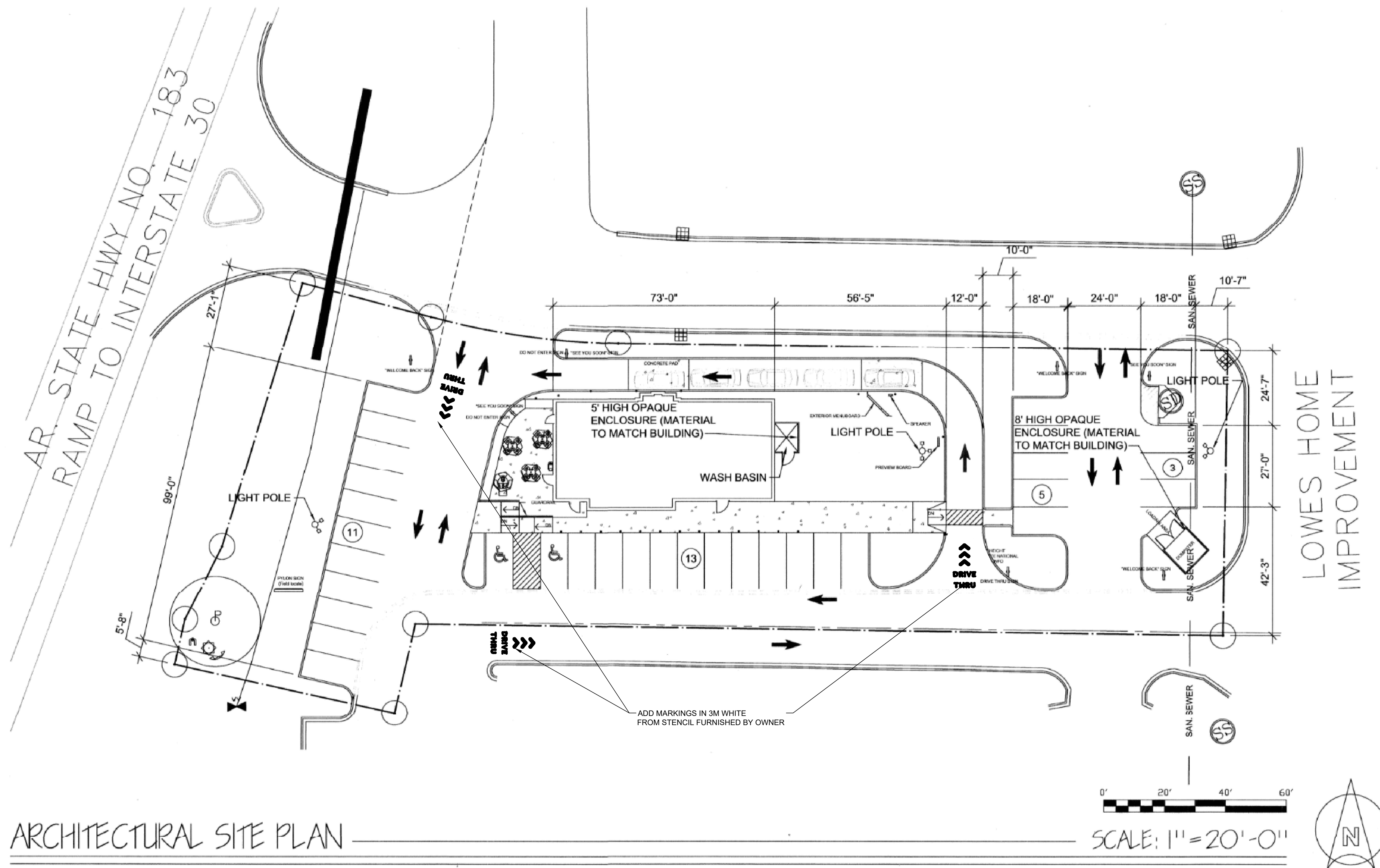
GENERAL NOTES

- 1. These General Notes are instructions to the Contractor and apply generally to all the work unless more specific information is shown in drawings or written in the specifications, standards and/or contracts.
2. All construction work shall be in accordance with the most current drawings, specifications and standards as modified by the Architect/Engineer--do not use outdated drawings.
3. An approved set of plans shall be maintained on the job site at all times.
4. All construction shall be conform to the best practice of each trade. Unless shown or noted otherwise, construction details or practices are common to the standard of the trade and per manufacturer's instructions.
5. All construction shall conform to the applicable codes and authority requirements.
6. Provide partial lien waivers with any request for payment and final waivers at completion of the work and Certificate of Occupancy
7. The General Contractor is solely responsible for the scheduling and coordination of the work by all trades and the delivery of equipment. Complete the work in the following sequence--provide a schedule indicating the projected start and completion of each event AND FOR HOOD/OVEN, WALK-IN AND EQUIPMENT DELIVERY DATES:
a. Demolition and space preparation--schedule utility services if required
b. Underground utilities, testing, inspection, photograph
c. Rough-in, keep the floors clear and unobstructed for all trades requiring ladders and scaffolding
d. Rough-in testing and inspection--photograph all rough-in prior to covering and photograph each signed off inspection sheet--send to architect for verification prior to payment
e. Install flooring under ovens and any flooring that extends under the walk in walls
f. Install ovens and walk in upon arrival, install hood duct and fan, light test in the presence of the Fire Marshall and then wrap duct. PROTECT EQUIPMENT FROM DAMAGE
g. Install finishes
h. Set fixtures, equipment, furnishing, signage and install trim
i. Schedule final inspections in the proper order and obtain the Certificate of Occupancy
8. The contractor shall visit the site prior to contract bidding and familiarize himself with any conditions relevant to the successful construction of the store.
9. The General contractor shall provide fire extinguisher in the locations and quantities and directed by the Fire Marshall but shall provide at least one.
10. ALL SHELVES, SINKS, AND GRAB BARS ARE TO BE MOUNTED ON SOLID BACKING AND WOOD BACKING MATERIALS ARE TO BE FIRE RATED IN FIRE WALLS
11. HOODS ARE TO SUPPORTED ON HEAVY DUTY UNISTRUT OR 3X3X1/4" STEEL ANGLES SPANNING BETWEEN FRAMING MEMBERS WITH 4@3/8" THREADED RODS EXTENDING DOWN TO BRACKETS ON THE HOOD.
12. Large equipment to be set before counters
13. Accept, unload, and check all equipment and material deliveries to the store--PROTECT ALL EQUIPMENT AND MATERIALS and if necessary arrange for offsite storage. Assemble and place equipment and remove all films and clean and polish.
14. Seal all tile joints with penetrating silicone sealant in two applications after the grout has been allowed to fully cure
15. Seal small joints with flush clear silicone caulk.
16. Prepare floors for smooth finish installation with no telegraphing. Bridge cracks in concrete floors with elastomeric membrane primed and fully adhered to floor-use RedGard liquid for cracks up to 1/8" and Crack Buster sheet for cracks up to 3/8" Custom Building Products 800.272.8786.
17. Drawings have been submitted for review by the Building and Health Departments. The Contractor shall obtain the necessary permits required for the works shown on these drawings prior to the start of the construction.
18. The Contractor shall locate and uncover all the underground utilities in advance of the construction and inform the Architect/Engineer of locations and depths and any issues related thereto or conflicts. DO NOT DAMAGE THE BUILDING UTILITIES.
19. Backfilling shall not be started until newly installed underground piping is tested and inspected. Backfill shall be installed in accordance with the relevant standards in 6 inch compacted lifts.
20. Keep dust and noise to an absolute minimum and protect the adjacent spaces from water penetration during cutting and cleaning operations. Clean up after completed work at the end of each day and keep the jobsite free and clear of any debris. Store materials carefully and if required obtain and pay for off-site storage.
21. Disposal of and stockpiling of excess material within the planning area shall be done in such a way that it will not create a nuisance to the ongoing works in general and the neighboring surroundings.
22. The Contractor shall not trespass beyond the project boundary lines unless a permit or written authorization has been obtained from the neighboring property owners involved.
23. Any damage on public area and/or on the clients premises caused by the ongoing project works shall be restored in its original condition, with no additional cost implication to the owners involved, as per following requirements:
24. All trees impacted by the ongoing construction works shall be replaced with the same size and type of tree at same location or at a new location given by the local authorities or by the client.
25. Trim FRP walls typically with FRP trim corners except in main aisle ways trim corners with stainless steel corners. Trim any exposed walk in cooler corners with stainless steel.
26. Locate utilities before cutting or digging--know where they are and mark them--underground utilities shown on the plans are schematic only. It the contractor's responsibility to locate and avoid interference with existing lines.
27. ADA standards are to be followed and in general 40 inch clearance is maintained throughout the store and 36 inches at limited passageways. Questions about ADA heights and clearances should be directed to the Architect. All door hardware, lavatory fixtures and faucets shall meet ADA standards.
28. Gypsum Wall Board and ceilings: Provide US manufactured materials and finish in accordance with the Gypsum Board Association's guidelines and instructions. Follow fire rated assembly construction and mark wall ratings in 4" red letters above ceiling every 10'. Use vertical expansion track at all decks or framing members. 1/2" thickness may be used behind FRP if rating is not required. Use greenboard in all wet areas. Provide fire rated sealants where required and flash wall to floor along demising walls. Use fire treated wood and plywood for backing where wood is not allowed. Install ceilings in strict accordance with the manufacturer's instruction.
29. Metal or Wood Frames Walls: Use wood framing only where allowed and metal framing where the building is not allowed to have combustible materials. Provide materials from a Steel Framing Industry Association (SFIA) member and follow the guidelines and instructions set forth by SFIA. 3 1/2" track and utility stud framing 22mil.
30. Do not install walk-in cooler tight to walls--allow min 1" air space Stub wall closure is to be trimmed with FRP corner molding. Any exposed corners of walk in cooler are to be trimmed with 4' high SS corner trim.
31. Conform to manufacturer's installation instructions and provide all warranties.
32. Dimensions are to face of finish unless clearly shown otherwise.
33. The General contractor shall layout equipment and walls and clearly and accurately instruct other trades as to locations for rough in and provide study support for all rough in to hold in place through finish.
34. The General Contractor is to hang the front window signs, the menu boards, ADA SIGNS, AND THE HEALTH RELATED SIGNS REQUIRED FOR INSPECTION AT HAND SINKS

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10/15/2022
dunkin' brands
2234 N Reynolds Road
Bryant, AR 72022
Store Number: 350624

Lagunita Franchise Operations
Tony Antoon and Damon Dunn
tony@lfops.com
601.940.6914

ISSUED /REVISED DATE
00/00/19
GENERAL NOTES AND NATIONAL ACCOUNTS



ARCHITECTURAL SITE PLAN

SCALE: 1" = 20'-0"

- SITework NOTES**
1. The contractor is to endeavor to maintain the store open during normal hours in the following sequence.
 - 1.1. Lobby/Restrooms Closed to the Public: Erect dust barriers to separate dust from the drive thru window and kitchen including a temporary door and protection of the HVAC duct intakes. See plan.
 - 1.2. Entire store closed Sunday and Monday: Once the lobby is complete, remove barriers and complete the work in the drive thru area, hood shrouds and drive up menu boards. Then reopen entire store.
 2. Owner is to furnish and install menu boards and speaker-post--general contractor is to furnish wiring and base support
 3. General contractor is to reseal the pavement and restripe per site plan and pressure wash all concrete curbs walks and pavement.
 4. Refer to existing drawings but verify field conditions.
 5. PRESSURE WASH AND PAINT DUMPSTER WALLS AND DOORS TO MATCH BUILDING

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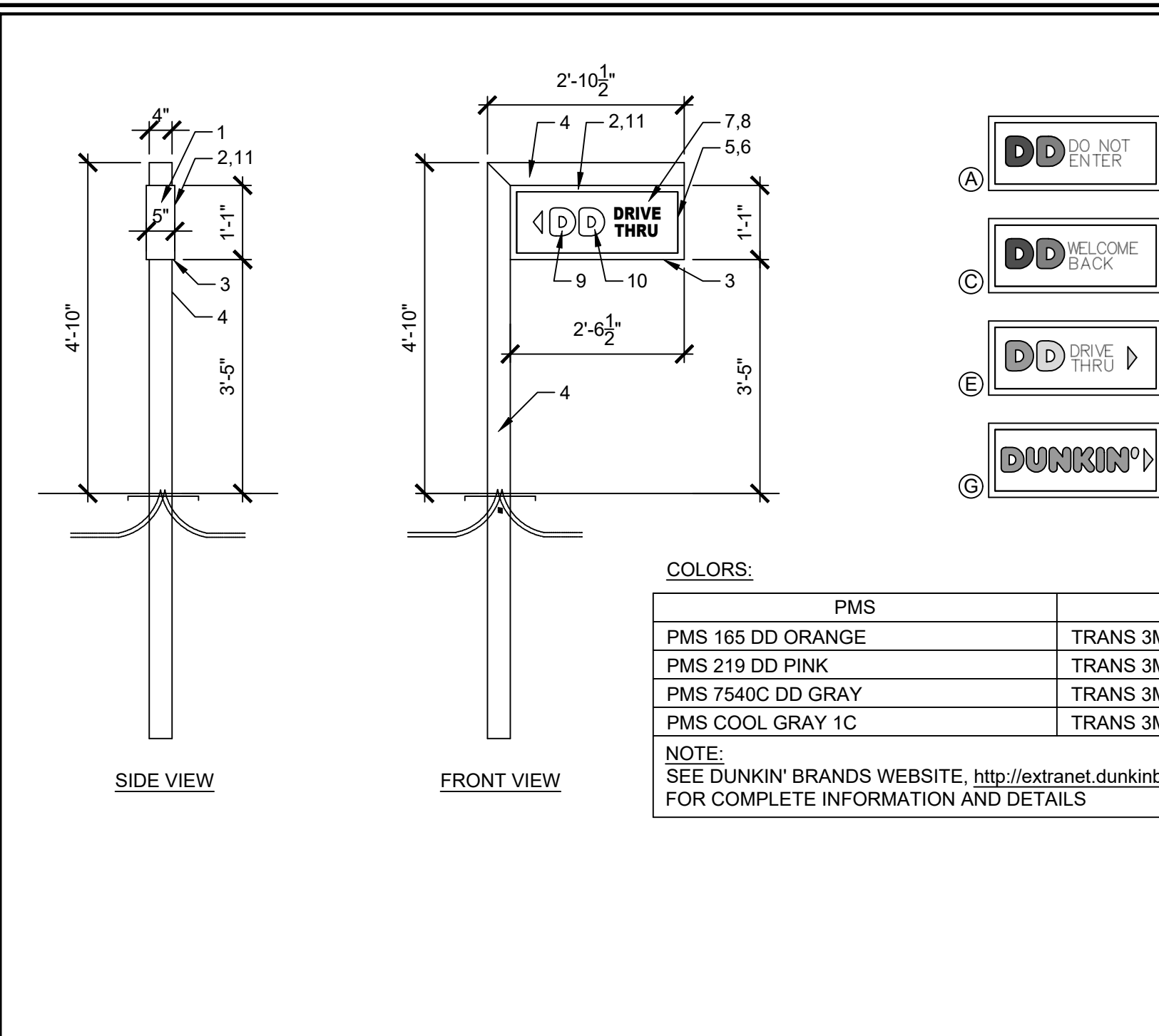
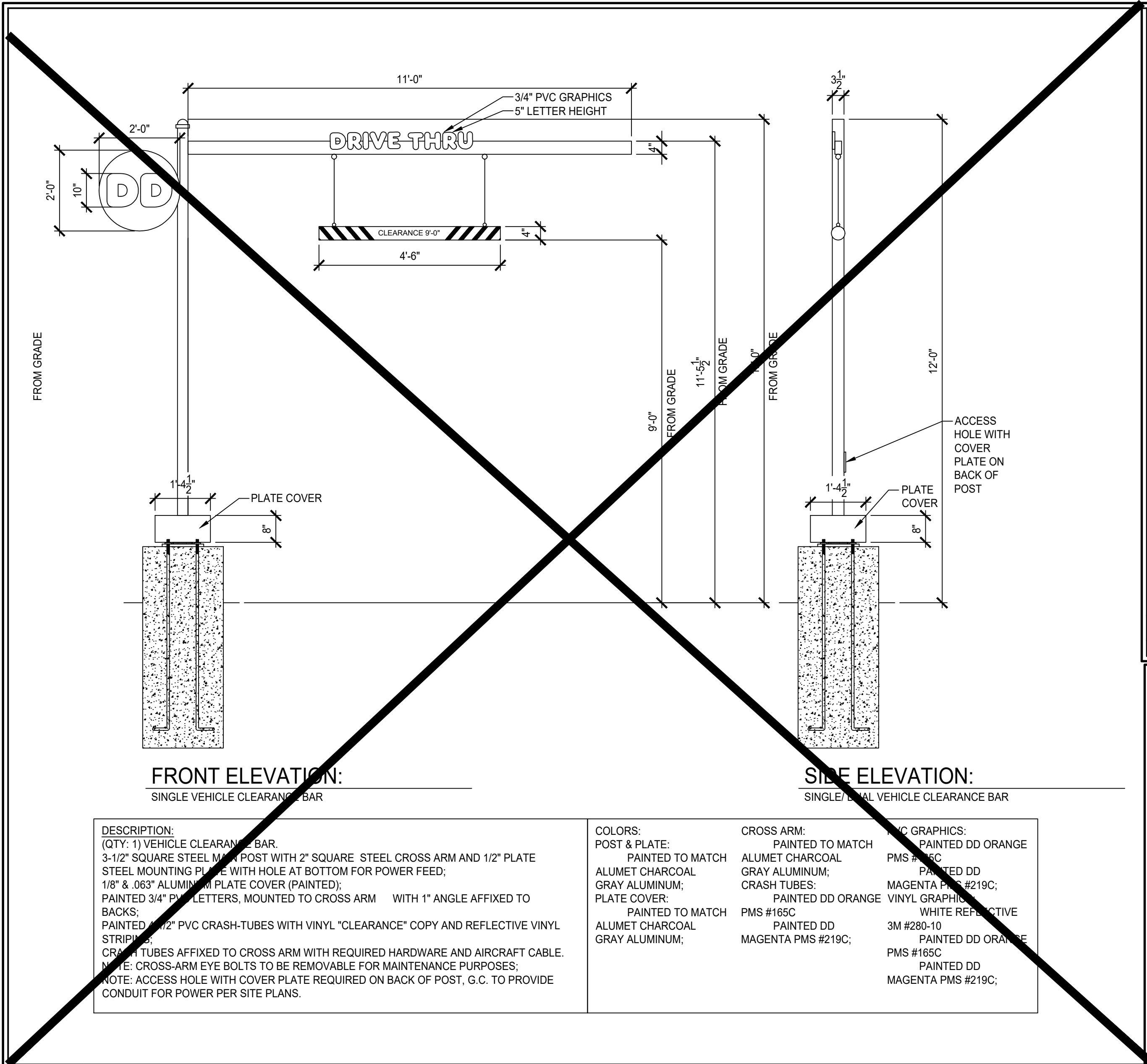
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ISSUED / REVISED / PERMIT
 DATE 03.01.19
SITE SCHEMATIC
LOOP/SIGN LOCATIONS

SP1

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2 DIRECTIONAL SIGNS
1/2"=1'-0" NOTE:

COLORS:

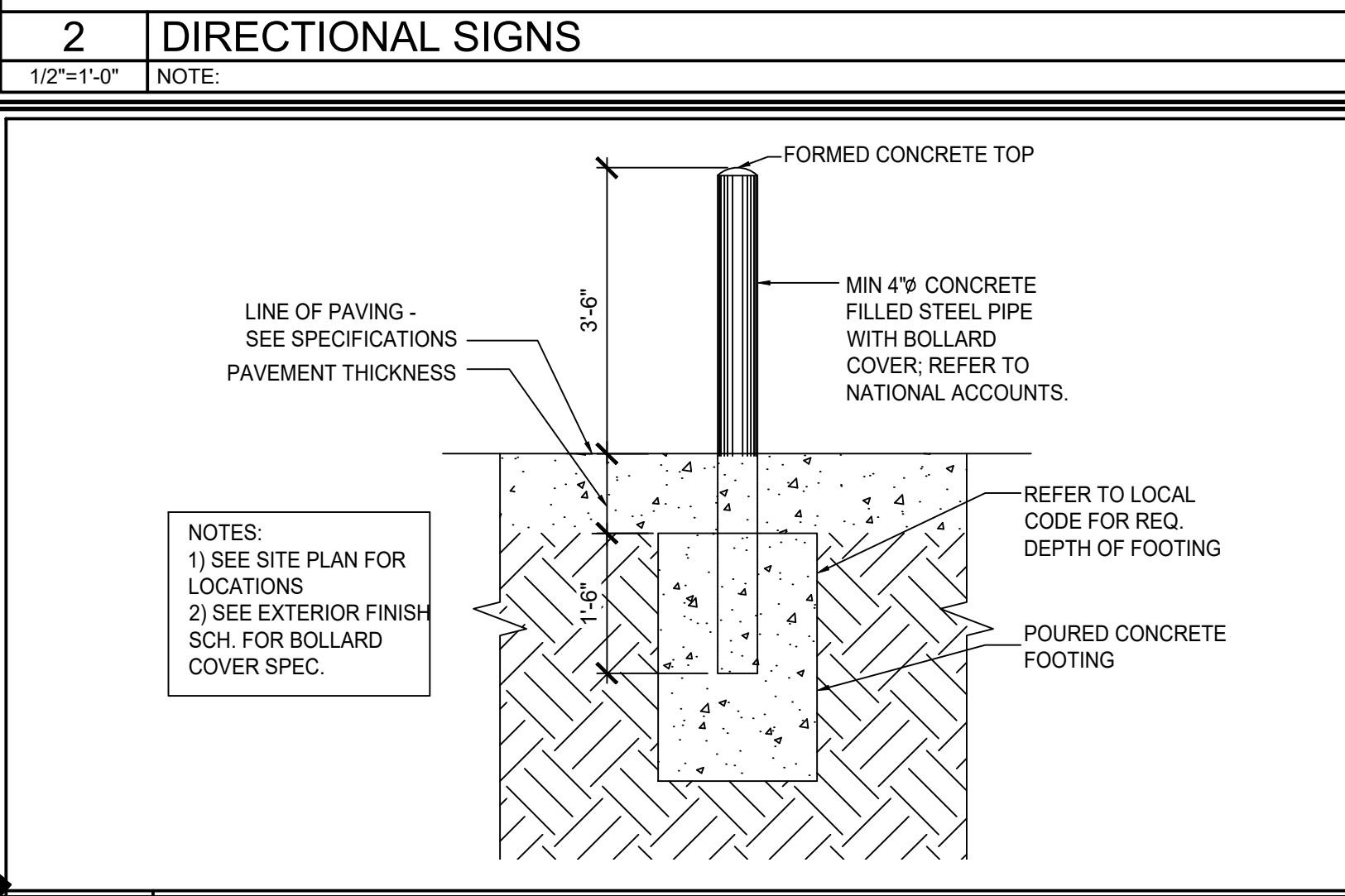
PMS	VINYL/PAINT
PMS 165 DD ORANGE	TRANS 3M #3630-3123
PMS 219 DD PINK	TRANS 3M #3630-1379
PMS 7540C DD GRAY	TRANS 3M #7725-41
PMS COOL GRAY 1C	TRANS 3M #7725-11

NOTE: SEE DUNKIN' BRANDS WEBSITE: <http://extranet.dunkinbrands.com>, FOR COMPLETE INFORMATION AND DETAILS

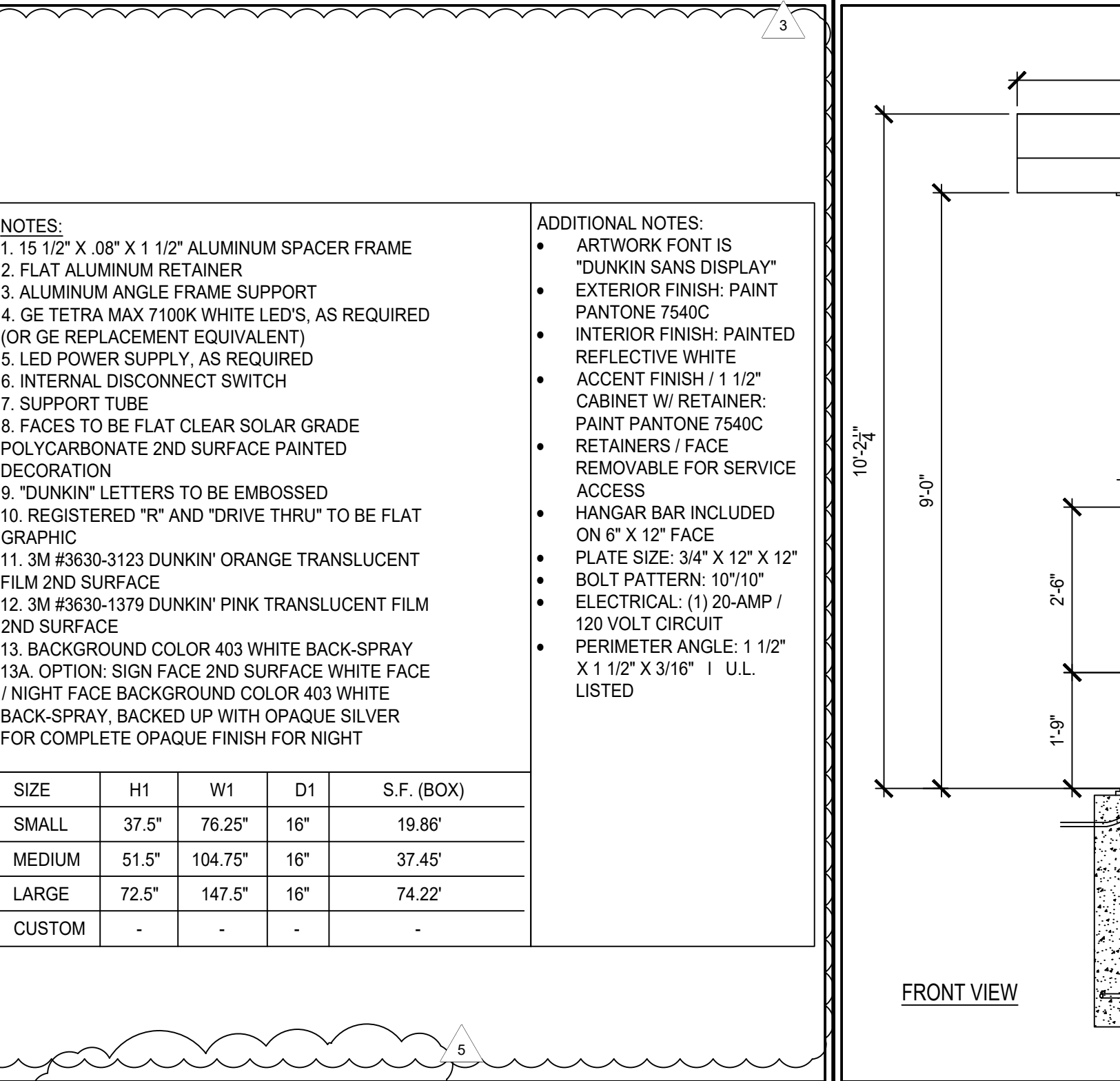
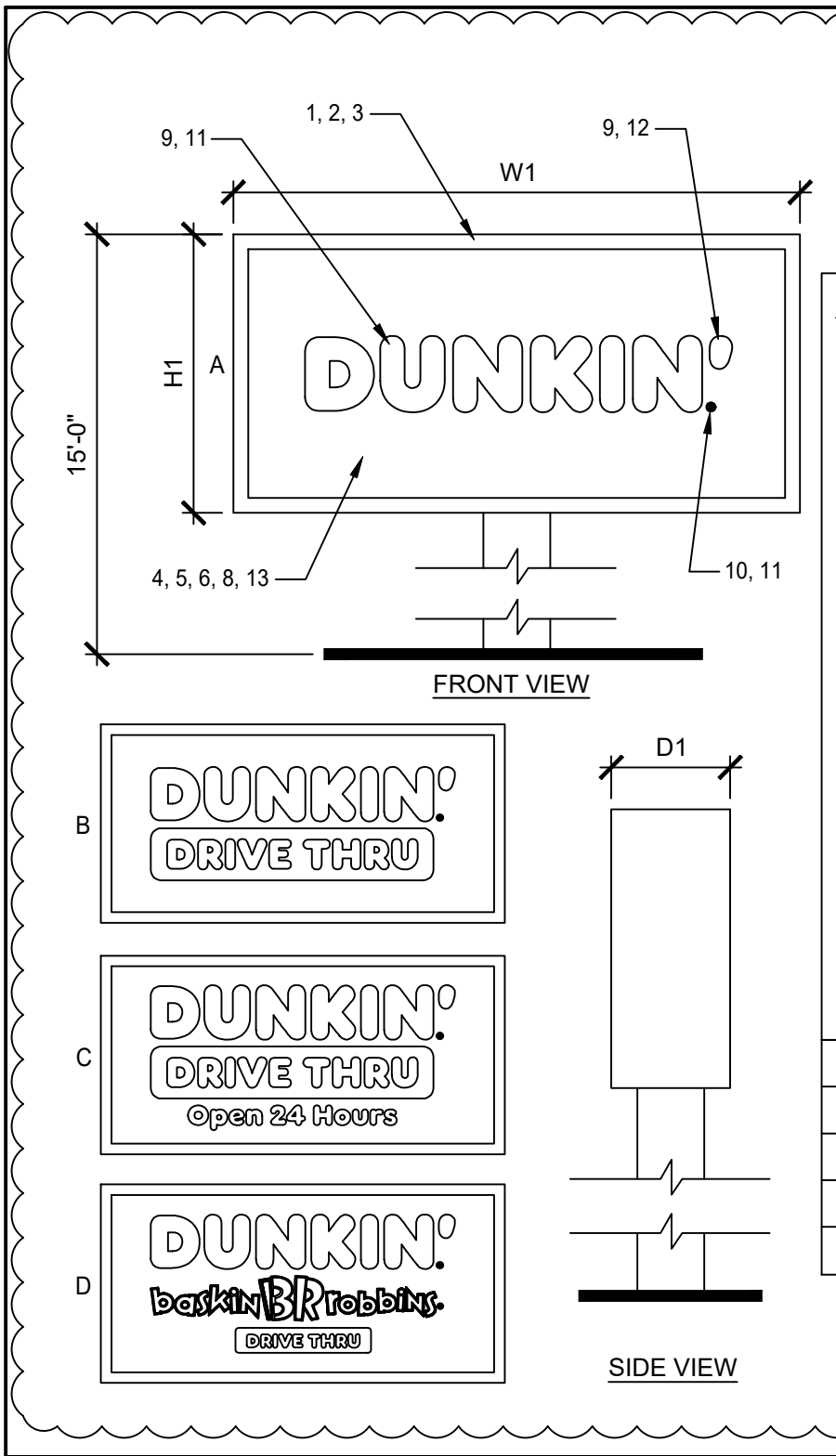
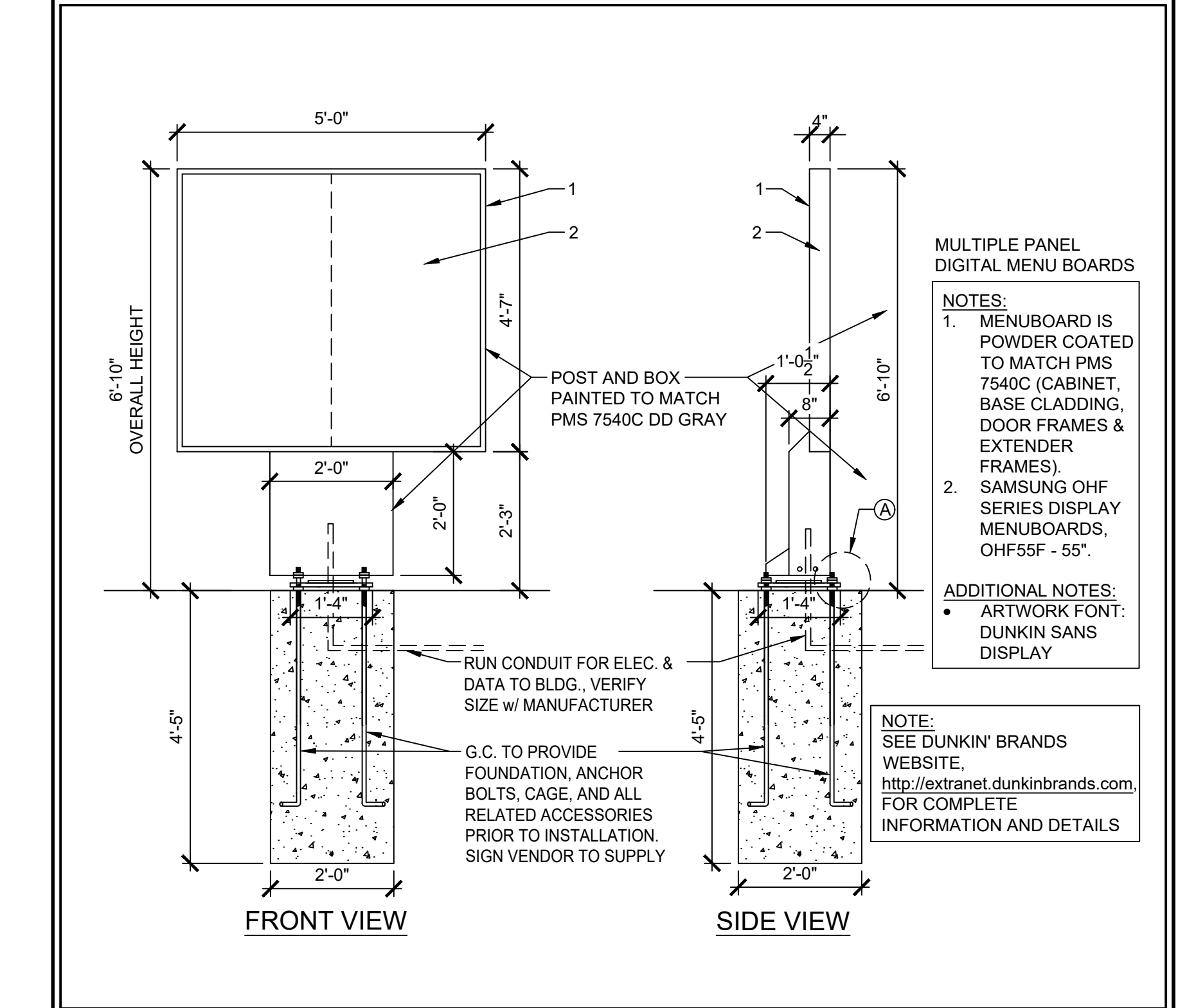
TRAFFIC STRIPING PAINT

CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION	VENDOR CONTACTS
1P-01	PAINT	SHERWIN WILLIAMS	PRO PARK	"WHITE" B97W2044	PLACE ORDER WITH LOCAL SHERWIN WILLIAMS STORE FOR A STORE NEAR YOU CALL: 800-474-3794 MARK T. WEINER NATIONAL ACCOUNT EXECUTIVE 93 CHURCH ST BARRINGTON, IL 60015 M: 617-438-1408 EMAIL: MARK.T.WEINER@SHERWIN.COM
1P-02	PAINT	SHERWIN WILLIAMS	PRO PARK	"BLUE" B97LD2022	
1P-03	PAINT	SHERWIN WILLIAMS	PRO PARK	"YELLOW" B97Y20467	
1P-04	PAINT	SHERWIN WILLIAMS	PRO PARK	"ORANGE" CUSTOM MIX B97O20467 CCE" COLORANT 02 32 64 128 W1-WHITE - 6 1 - R4-NEW RED 4 53 1 - Y3-DEEP GOLD - 06 - 1	
1P-05	PAINT	SHERWIN WILLIAMS	PRO PARK	"PINK" CUSTOM MIX B97RD2012 CCE" COLORANT 02 32 64 128 W1-WHITE - 6 - - L1-BLUE - 6 - -	

1 DUAL & SINGLE VEHICLE CLEARANCE BAR DETAIL
1/2"=1'-0" NOTE:



3 BOLLARD DETAIL
1/4"=1'-0" NOTE:



5 2 PANEL MENU BOARD
1/2"=1'-0" NOTE:

6 OPTION B: PYLON SIGN DETAIL (HORIZONTAL)
1/4"=1'-0" NOTE:

7 SPEAKER CANOPY WITH CONFIRM DISPLY
1/2"=1'-0" NOTE:

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SITE DETAILS

SP-1.1

The following safety standards have been adopted for use in the City of Memphis and unincorporated Shelby County, and also in the cities of Arlington, Germantown, and Lakeland:

Code Edition	Link
Building 2015	International Building Code with Local Amendments
Existing Bldg. 2015	International Existing Building Code with Local Amendments
Energy Conservation 2015	International Energy Conservation Code with Local Amendments
Electrical 2014	International Electric Code with Local Amendments
Plumbing 2015	International Plumbing Code with Local Amendments
Mechanical 2015	International Mechanical Code with Local Amendments
Fuel Gas 2015	International Fuel Gas Code with Local Amendments
Fire (City) 2015	International Fire Code Local Amendments (City of Memphis)
Fire (County) 2015	International Fire Code Local Amendments (Shelby County)
ADA Code:	2009 ICC/ANSI A117.1

1985 GROSS SF DUNKIN' TYPE B (LESS THAN 49 PERSONS)
SHELL BUILDING IS UNDER 9,000SF ALLOWABLE NON-SPRINKLERED
TYPE VB CONSTRUCTION

2 ADA RESTROOMS REQUIRED PER IPC SECTION 403.2 IN DUNKIN' SPACE
1 WC PER 75 OCCUPANTS--1 LAV PER 40 OCCUPANTS--DRINKING WATER AVAILABLE

OCCUPANT LOAD (DOES NOT INCLUDE RESTROOMS AND COOLER):

BUSINESS: 3310 SF @ 150 SF/PERSON = 22 PERSONS
TOTAL = 22 PERSONS

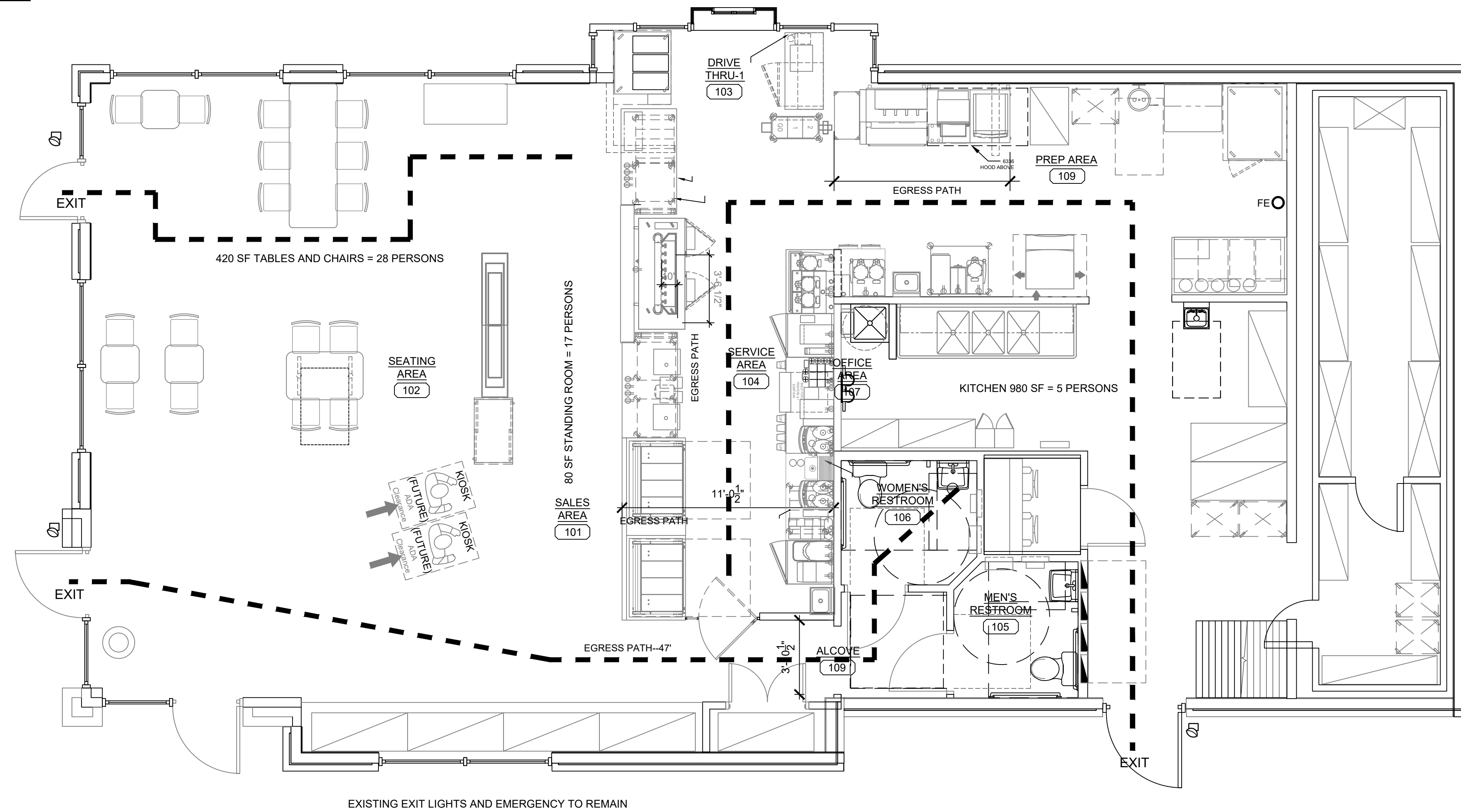
TYPE C FINISHES REQUIRED

TWO EXITS REQUIRED FOR MORE THAN 49 OCCUPANTS--EXITS ARE SEPARATED BY MORE THAN HALF THE DIAGONAL DISTANCE

FIRE EXTINGUISHER REQUIRED

MINIMUM EXIT WIDTH @ 2/OCCUPANT: 4.5"

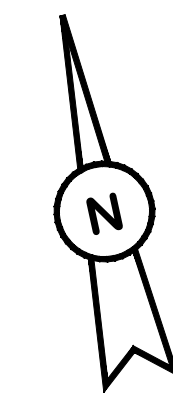
150' MAX EXIT ACCESS TRAVEL DISTANCE (69' ACTUAL)



SALES AREA
101

LIGHTING SCHEDULE	
	EXIT LIGHT WITH COMBO EMER LIGHTS
	EMERGENCY BATT LIGHTS
	EMERGENCY REMOTE LIGHTS
	FIRE EXTINGUISHER
	LONGEST EXIT DISTANCE SHOWN IS 65' (150' ALLOWED)
	NO RATED WALLS OR PARTITIONS

LIFE SAFETY PLAN
SCALE: 1/4"=1'-0"



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A-1.0

GENERAL NOTES

- TYPICAL SUBSTRATES FOR INTERIOR WALLS SHALL BE AS FOLLOWS: PREP/ KITCHEN AND STORAGE AREAS:
0'-0" TO 3'-0" - 5/8" DUROCK CEMENT BOARD, 3'-0" AND ABOVE - 5/8" ORIENTED STRAND BOARD (OSB)
SERVICE AREA:
5/8" MIN. ORIENTED STRAND BOARD (OSB), 5/8" DUROCK CEMENT BOARD BEHIND PORCELAIN/ CERAMIC TILES.
SALES AND SEATING AREAS:
5/8" GYPSUM BOARD, 5/8" DUROCK CEMENT BOARD BEHIND CERAMIC TILES, 5/8" ORIENTED STRAND BOARD @ DECORATIVE PLAM "WOOD" WALLS.
RESTROOMS:
5/8" DUROCK CEMENT BOARD
- GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE BLOCKING AS REQUIRED THROUGHOUT: IN RESTROOMS FOR GRAB BARS, LAVATORIES, HAND DRIERS, MIRRORS, PAPER TOWEL DISPENSERS, SOAP DISPENSERS, AND OTHER ACCESSORIES UNLESS OTHERWISE NOTED; IN SERVICE AREA FOR: VDU, WALL SHELVES, ETC.
- DIMENSIONS SHOWN ARE TO THE FACE OF FINISH.
- REFER TO EQUIPMENT "K" SHEETS FOR INFORMATION REGARDING THE EQUIPMENT AND EQUIPMENT LAYOUT.
- SEE SHEET A-10.0 FOR DOOR SCHEDULE AND DOOR & FRAME TYPES.
- ARRANGE FOR FIRE EXTINGUISHERS, TYPE ABC, WALL HUNG, TOP @ 5'-0" A.F.F. (BY G.C.). - NUMBER AND LOCATION AS DETERMINED BY LOCAL CODE

AWNINGS & CANOPIES INDICATED ON ARCHITECTURAL PLANS SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTIONS 1607 & 3105 AND FOR THE WIND PRESSURES SHOWN IN ADDITION TO DEAD & LIVE LOADS AND SHALL BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF VIRGINIA AND SUBMITTED FOR REVIEW.

COMPONENTS & CLADDING WIND PRESSURES			
ZONE	EFFECTIVE WIND AREA (SF)	DESIGN WIND PRESSURE (PSF)	
1	10	16.0	-30.4
1	20	16.0	-29.6
1	50	16.0	-28.6
1	100	16.0	-27.8
2	10	16.0	-51.0
2	20	16.0	-45.6
2	50	16.0	-38.4
2	100	16.0	-33.0
3	10	16.0	-76.8
3	20	16.0	-63.6
3	50	16.0	-46.2
3	100	16.0	-33.0

NOTE: THE NET DESIGN WIND PRESSURE ACTING IN EITHER DIRECTION NORMAL TO THE SURFACE OF THE COMPONENTS AND CLADDING MATERIALS SHALL NOT BE LESS THAN 16 PSF.

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10/15/2022

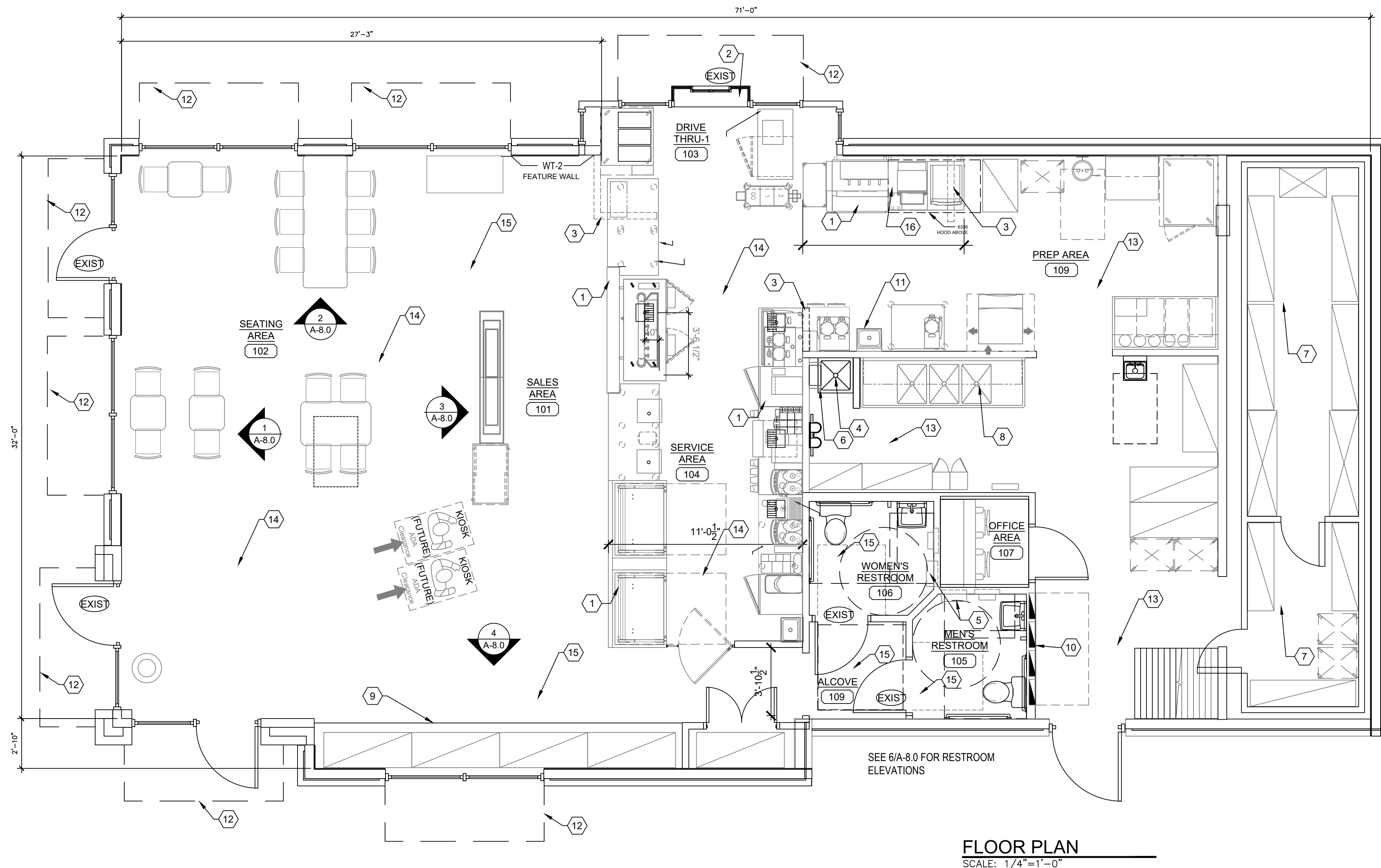
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KEYED PLAN NOTES

- CASEWORK--EXISTING AND NEW FURNISHED BY FRANCHISEE AND INSTALLED BY GC.
- EXISTING SLIDING DRIVE-THRU WINDOW
- REMOVE EXISTING WALLS AND PATCH
- EXISTING RACK WASH
- EXISTING HAND DRYER SEE E3.0 FOR POS REQUIREMENTS
- EXISTING TANKLESS HOT WATER HEATER
- EXISTING WALK IN COOLER
- EXISTING 3 COMPARTMENT SINK
- PRIVACY SCREEN BY OWNER
- EXISTING ELECTRICAL PANELS
- EXISTING HAND SINK--RELOCATE
- GC TO REMOVE AND PATCH EXISTING AWNINGS AND LIGHTS
- NO WORK IN KITCHEN AND OFFICE AREAS--NIC--PROTECT AND CLEAN
- REMOVE REPLACE EXISTING CASEWORK AND TABLES
- CONCRETE FLOOR IS TO BE STRIPPED, LIGHTLY SANDED AND RESEALED
- RELOCATE HOOD--SEE M SHEET

SCOPE OF WORK

- INTERIOR REMODEL OF EXISTING SEATING, SALES, SERVICE AND RESTROOMS
- NEW ARRANGEMENT OF EQUIPMENT INCLUDING SOME NEW EQUIPMENT
- RECONNECTING OF EQUIPMENT AND DATA
- EXTERIOR REMOLDING OF BRANDING AND "LOOK"
- NEW HEAT HOODS
- REVISE CEILING REGISTERS
- EXTERIOR SIGNAGE AND MENU BOARDS BY OWNER
- EXISTING TILE AND CONCRETE FLOORS TO REMAIN AND REPAIRED AS REQUIRED
- RESTROOMS ARE FINISHED IN FRP-03
- CHECK AND ADJUST EXISTING DOORS--REPAINT RESTROOM DOORS



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

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ISSUED / REVISED
DATE
01/05/19

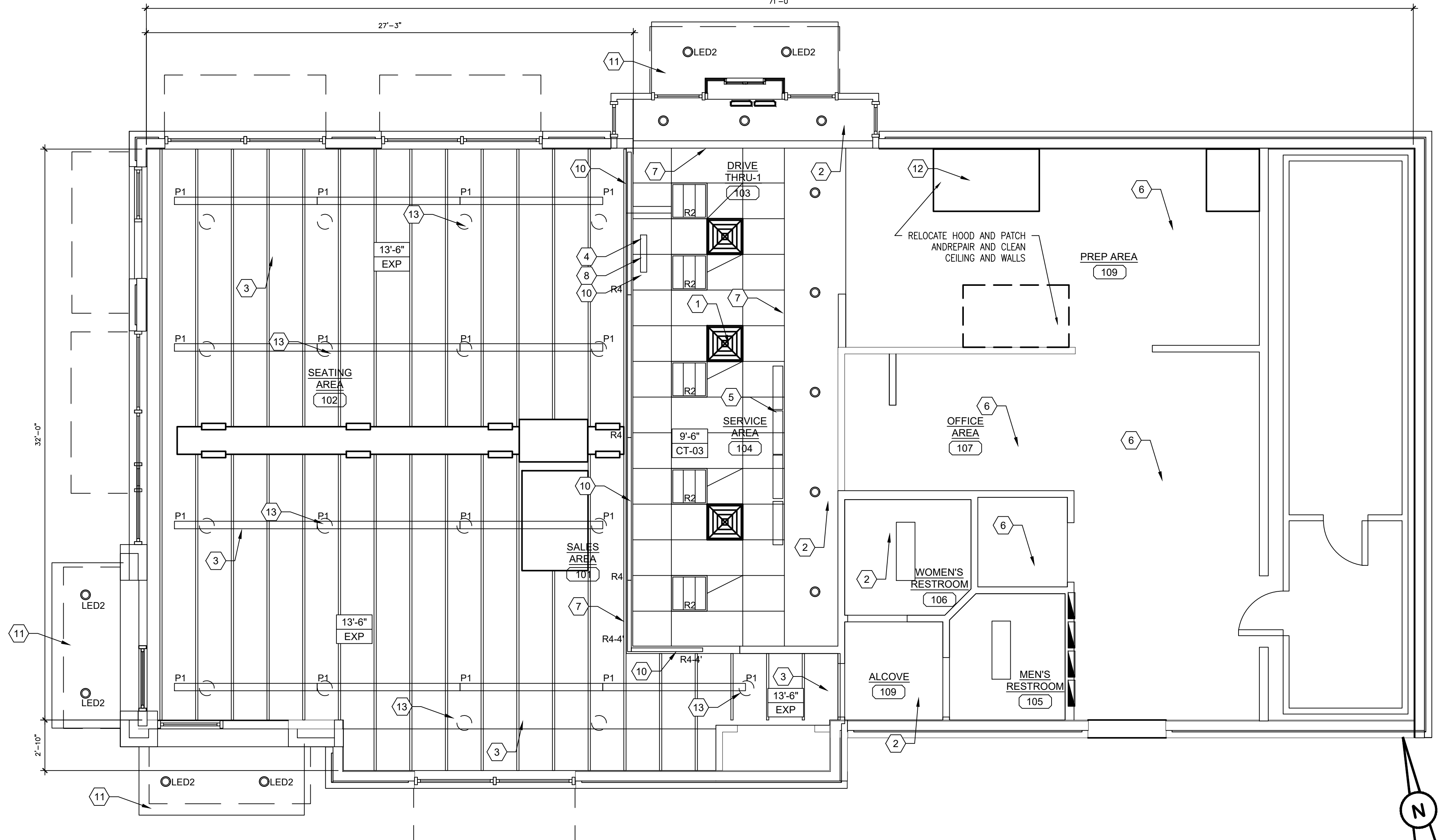
FLOOR PLAN

A-1.1

LIGHTING SCHEDULE - VILLA LIGHTING			
CODE	DESCRIPTION	MANUFACTURER	PRODUCT
EWS-1	WALL PACK (GRAY) EXTERIOR- USED ON DARK WALL FINISH	WAC	WP-LED227-30-AGH
EWS-2	WALL PACK (WHITE) EXTERIOR- USED ON LIGHT WALL FINISH	WAC	WP-LED227-30-AWT
LED 2	EXTERIOR RECESSED LIGHT FIXTURE- USED UNDER ORANGE BEAM CANOPY	LUMARK	XTOR2B-W
LED 12	EXTERIOR LIGHT FIXTURE- USED ON TOP OF CHARCOAL TRIM AND FIELD FRAMED ORANGE BEAM	SOLID STATE LUMINARIES SOLUTIONS OF LIGHTING	SSL-LSSL-5165-400 LUMENS
LED 13	EXTERIOR LIGHT FIXTURE- USED ON TOP OF AND ON THE UNDERSIDE OF THE ORANGE BEAM WHEN USING THE PREFAB OPTION		TO BE PROVIDED BY PREFAB ORANGE BEAM VENDOR
LED 14	EXTERIOR LIGHT FIXTURE- ACCENT LIGHT USED ON TOP OF CHARCOAL TRIM AT BASE OF MONOLITH ONLY	LED POWER	HB308-48"-41K-15D-AC
P1	8' SUSPENDED LINEAR LIGHT FIXTURE- USED IN SEATING/ SALES AREA	TEXAS FLUORESCENTS	SES-FR-96L-S62/W6200L-DMV-35K-BK
P2	4' SUSPENDED LINEAR LIGHT FIXTURE- USED IN SEATING/ SALES AREA	TEXAS FLUORESCENTS	SES-FR-48L-S62/W3100L-DMV-35K-BK
R1	RECESSED LED LIGHT FIXTURE	CREE	RC6/CR6T-1600L-35K
R2	2X2 LAY-IN TROFFER LED LIGHT FIXTURE, USED IN FRONT OF HOUSE	CREE	CR22-32L-35K-SHD
R4	LED LINEAR LIGHT BAR- USED ABOVE FRONT LINE (NOTE: AVAILABLE IN INCREMENTS OF 1FT WITH A 1FTX1FT CORNER PIECE)	PINNACLE ARCHITECTURAL LIGHTING	EX3D-A-N-835VHC-8-SIAC120ST
WSCX-2	EXTERIOR SIGN LIGHT FIXTURE - USED AT ACCENT PANELS	H-LITE MFG INC.	H-HDMR16118-1-119/ MR16AD1C293010T-10-S1

LIGHTING SCHEDULE NOTES

1. PROVIDE ALL FIXTURES COMPLETE WITH LAMPS. REF. NATIONAL ACCOUNT SOURCE INFO FOR LAMP SPECS & VILLA LIGHTING RE-LAMPING PROGRAM.
2. ALL BALLASTS SHALL BE HIGH POWER FACTOR.
3. PROVIDE HOLD-DOWN CLIPS FOR EACH CORNER OF FLUORESCENT GRID TROFFERS.
4. COORDINATE AND VERIFY ALL FIXTURE INFORMATION, TYPES AND FINAL LOCATIONS WITH THE REFLECTED CEILING PLAN.
5. LAMPS SHALL BE AS MANUFACTURED BY SYLVANIA, WESTINGHOUSE, GENERAL ELECTRIC OR APPROVED EQUAL.



REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"

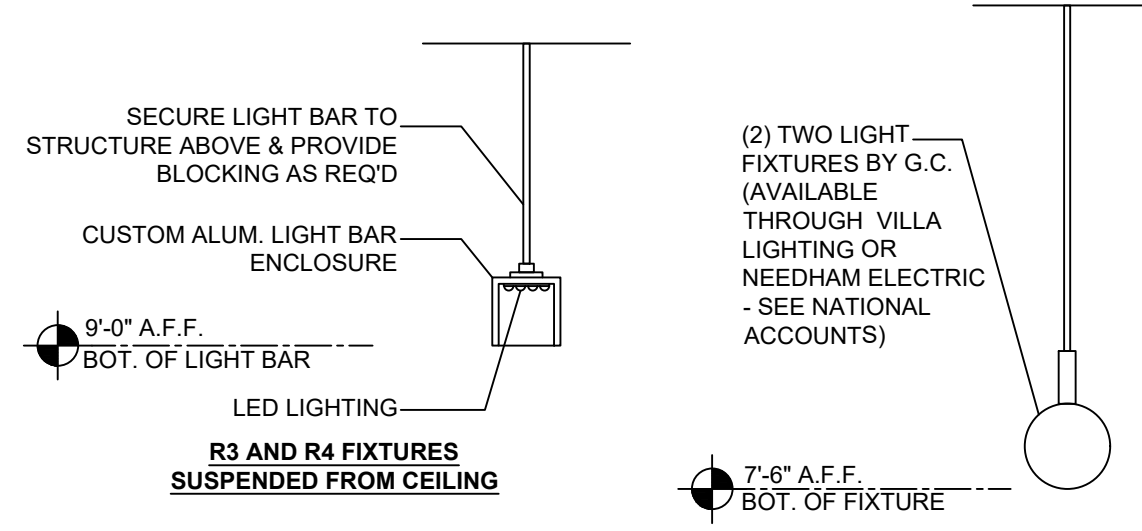
CEILING FINISH					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
CT-01	ACOUSTIC CEILING TILE	ARMSTRONG	WHITE FACTORY FINISH #1732 WH (2' X 2')	WHITE, FINE FISSURED TILE WITH WHITE GRID (ARMSTRONG#7300 WH SIZE: 5197)	PLEASE CONTACT ARMSTRONG @ 1-800-442-4212.
CT-02	CEILING TILE AND GRID SYSTEM	ARMSTRONG	BLACK FACTORY FINISH 1728 BL (2' X 2')	BLACK, FINE FISSURED-TILE AND BLACK GRID NOTE: STANDARD CLG. TILE IN PUBLIC AREAS (SALES & SEATING AREA)- FOR NEW & REMODEL LOCATIONS	CLEARLY STATE THAT YOUR AREA IS A MEMBER OF DUNKIN' BRANDS, INC. STRATEGIC ACCOUNT UPON PURCHASING MATERIAL TO RECEIVE NATIONAL PRICING.
CT-03	VINYL FACED CLG TILE	ARMSTRONG	#870 (2' X 4') #868 (2' X 2')	WHITE TILE AND GRID	

KEYED PLAN NOTES

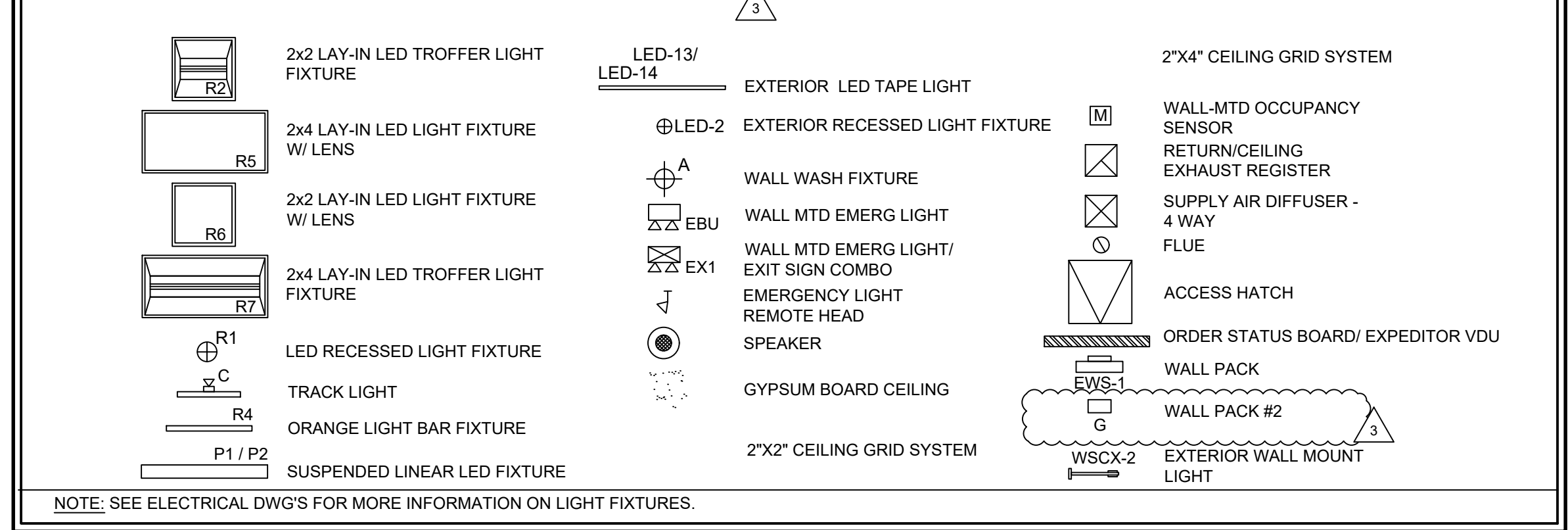
1. REGISTERS--RELOCATE AND REUSE EXISTING REPAINT OT MATCH CEILING COLOR
2. EXISTING GYPSUM BOARD CEILING--PAINT WHITE
3. CLEAN AND PAINT ALL EXPOSED CEILING AND DUCTS AND EVERYTHING ELSE BLACK
4. PICK-UP SIGN SUPPLIED BY MILLWORK SUPPLIER & INSTALLED BY GC. MOUNT SIGN TO TOP OF LIGHT FIXTURE TRACK PER MANUF INSTRUCTIONS.
5. MENU BOARDS MTD ON FACE OF SOFFIT. SEE A3.0, A8.0. CENTER ON POS
6. EXISTING KITCHEN CEILING TO REMAIN
7. EXISTING SOFFIT DROP--PATCH AND PAINT
8. VERIFY LOCATION OF VDU MOUNT WITH FRANCHISEE
9. GC TO SUPPLY & INSTALL CEILING HUNG "BUTTERFLY MOUNT" FOR ORDER STATUS BOARD & EXPEDITOR VDU. TELEHOOK TH-1040 WITH (2) SCREEN MOUNTING PLATES BACK TO BACK. COORD MOUNTING HEIGHT W/ OWNER.
10. CUSTOM LIGHT BAR. COORD MOUNTING HEIGHT W/ FRANCHISEE. SEE ELECTRICAL SCHEDULE.
11. NEW CANOPY AND LIGHTS
12. HEAT EXHAUST HOOD SEE M SHEETS
13. EXISTING LOW BAY LIGHTS TO BE REMOVED

GENERAL NOTES:

1. ALL INTERIOR & EXTERIOR LIGHTING TO BE LED (INCLUDING IN THE WALK-IN BOX).
2. REFER TO MASTER FINISH SCHEDULE FOR CEILING FINISHES.
3. OPEN CEILING IN SALES & SEATING AREA TO BE ALTERNATIVE OPTION.
4. ALL DEVICES (DIFFUSERS, RETURNS, SMOKE DETECTORS, ETC.) TO MATCH CEILING. WHEN OPEN CEILING IS USED ALL PIPES AND DUCTS AND ALL OTHER ITEMS THAT ARE ON CEILING TO BE PAINTED TO MATCH CEILING.
5. LAYOUT NOTES:
 - A. PROVIDE EMERGENCY LIGHTS & SMOKE DETECTORS AS REQUIRED BY LOCAL GOVERNING CODE.
 - B. ADD THE RH REMOTE WEATHER PROOF EMERGENCY HEAD (PRODUCT #Z1PB) TO THE EXTERIOR EGRESS DOORS AS REQUIRED BY CODE.
7. MUSIC SYSTEM NOTES: THE MUSIC SYSTEM IS A REQUIREMENT OF THE BRAND. ARCHITECTS TO FOLLOW ALL GUIDELINES LISTED BELOW.
 - A. MUSIC SYSTEM IS REQUIRED IN ALL NEW AND REMODEL STORES. ALL CEILING SPEAKERS TO BE FLUSH MOUNTED @ GYP. BOARD CLG. & ACT CLG. SPEAKERS @ OPEN CEILING TO BE MOUNTED ON LOWER CORD OF ROOF TRUSSES ALL INTERIOR SPEAKERS TO MATCH SURFACE IT IS MOUNTED ON. ALL EXTERIOR SPEAKERS TO BE BLACK, WITH EXTERIOR GRADE CONSTRUCTION.
 - B. ONE SPEAKER IN EACH RESTROOM- FLUSH MOUNT.
 - C. A MINIMUM OF TWO SPEAKERS IN THE SEATING AREA NO SPEAKERS IN THE SERVICE AREA.
 - D. A MINIMUM OF TWO SPEAKERS AT EXTERIOR SEATING AREAS WHERE APPLICABLE.
 - E. SPEAKER AT EXTERIOR OF BUILDING ADJACENT TO ENTRY.
 - F. PROVIDE AND INSTALL SEPARATE VOLUME CONTROLS FOR EACH AREA (RESTROOMS, SEATING AREA, EXTERIOR)
 - G. HARDWARE TO BE INSTALLED IN THE OFFICE. FIELD VERIFY AND COORDINATE WITH FRANCHISEE FOR THE EXACT LOCATION OF THE UNIT AND VOLUME CONTROLS.



CEILING LEGEND:



ORANGE BEAM LIGHTING:
UNDERSIDE OF BEAM - WHEN USING THE NATIONAL ACCOUNTS PREFABRICATED ORANGE BEAM LED-13 SHALL BE PROVIDED BY THE VENDOR FOR THE UNDERSIDE OF THE BEAM. WHEN USING THE NATIONAL ACCOUNTS PREFABRICATED ORANGE BEAM LED-13 SHALL BE PROVIDED BY THE VENDOR FOR THE TOP OF THE BEAM

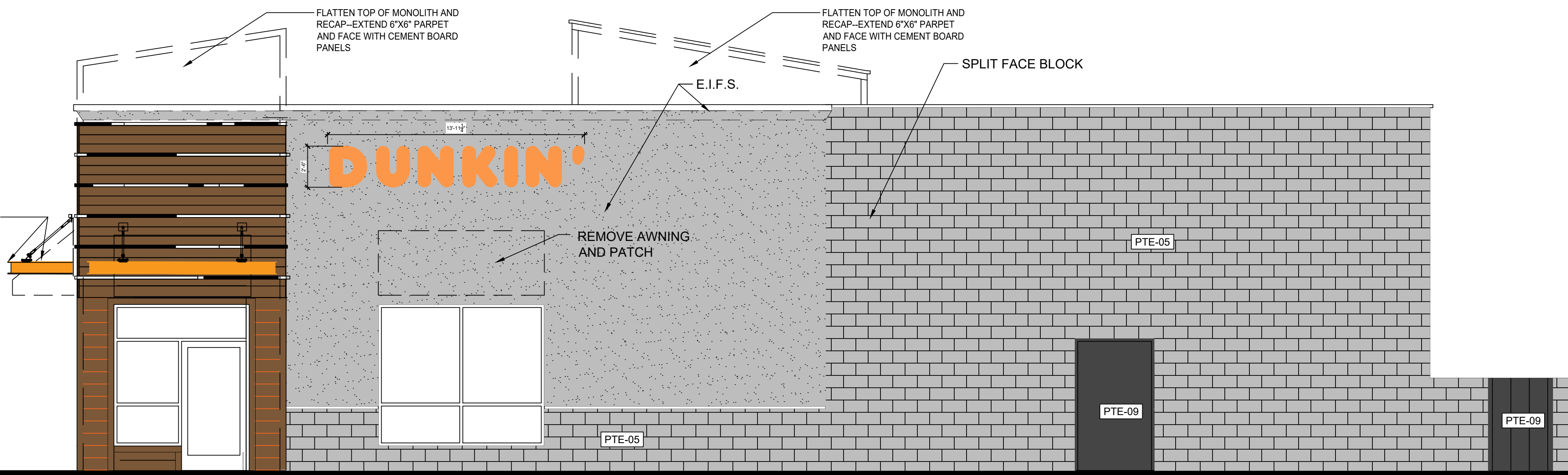
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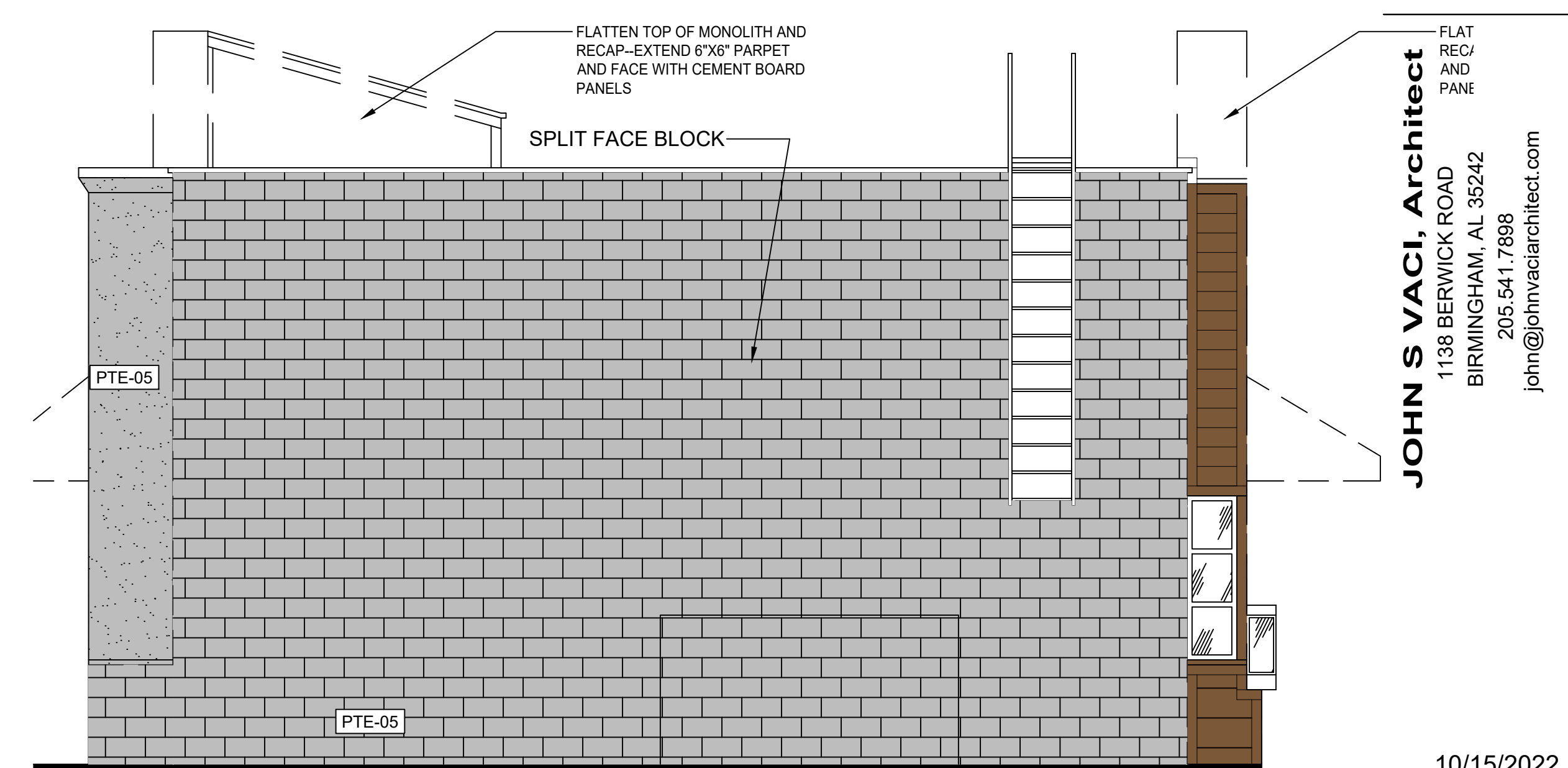
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ISSUED / REVISION	DATE
	02/03/19

REFLECTED CEILING PLAN
BILLING: 101 - OWNER REVS
02/03/19
02/03/19

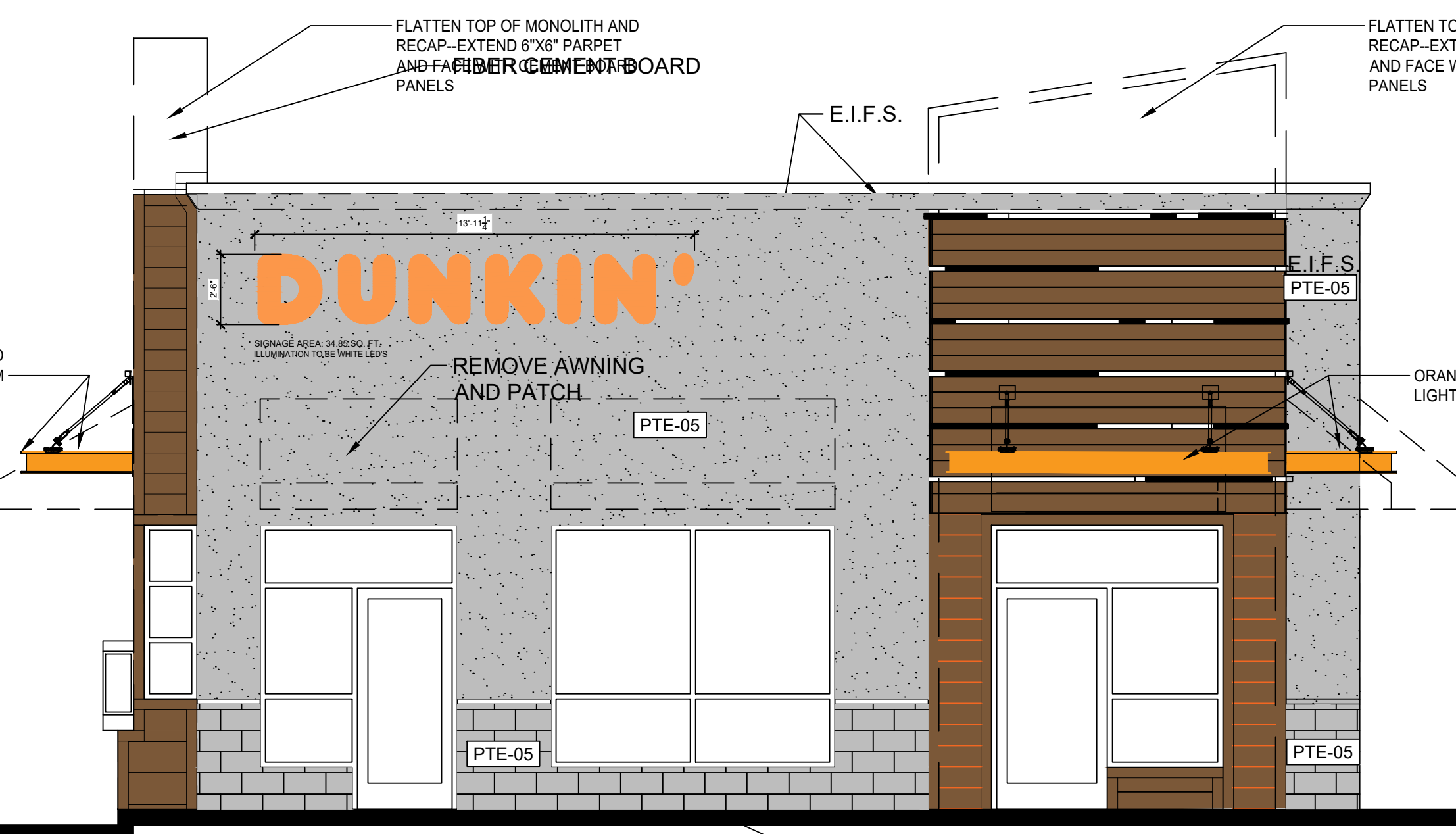
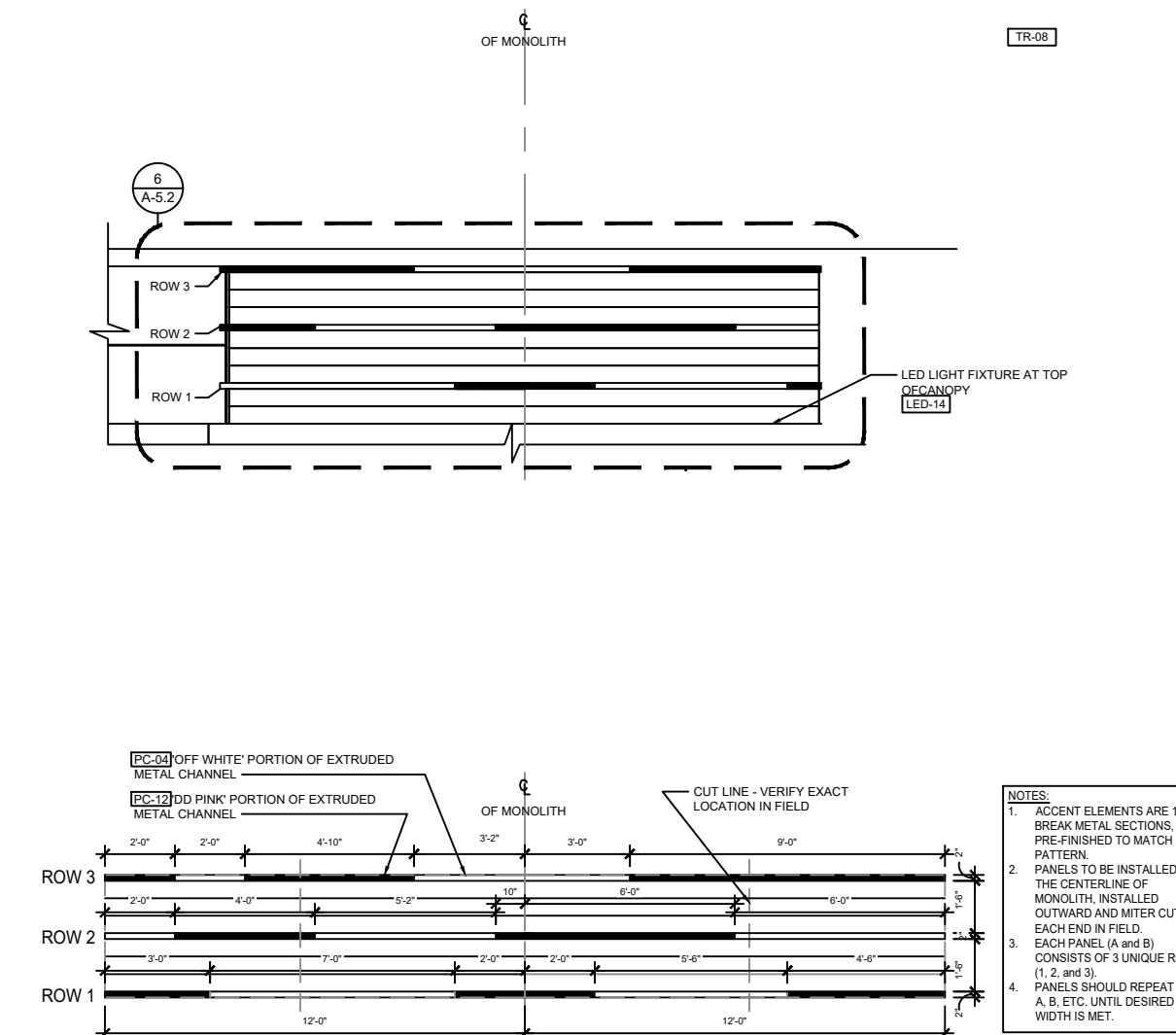


SIDE ELEVATION
SCALE: 1/4"=1'-0"

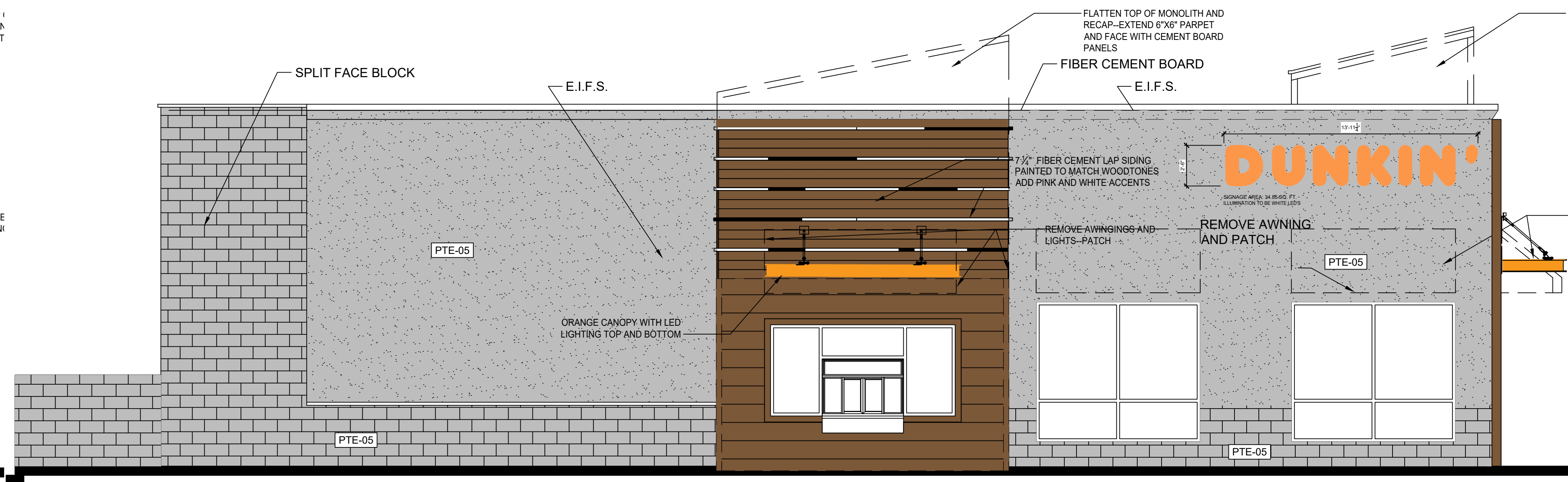


BACK ELEVATION
SCALE: 1/4"=1'-0"

MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS
PTE-04 PAINT	SHERWIN WILLIAMS	OFF WHITE FINISH	SW 7063 "NEBULOUS WHITE"
PTE-05 PAINT	SHERWIN WILLIAMS	MID-TONE FINISH	SW 7066 "GRAY MATTERS"
PTE-09 PAINT	SHERWIN WILLIAMS OR FACTORY FINISH TO MATCH SW COLOR	WALK-IN BOX	SW 7069 "IRON ORE"
PTE-13 PAINT		DD ORANGE	COLOR MATCH PMS 165C MAP ULTRA LOW V.O.C.



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



DRIVE THRU SIDE ELEVATION
SCALE: 1/4"=1'-0"

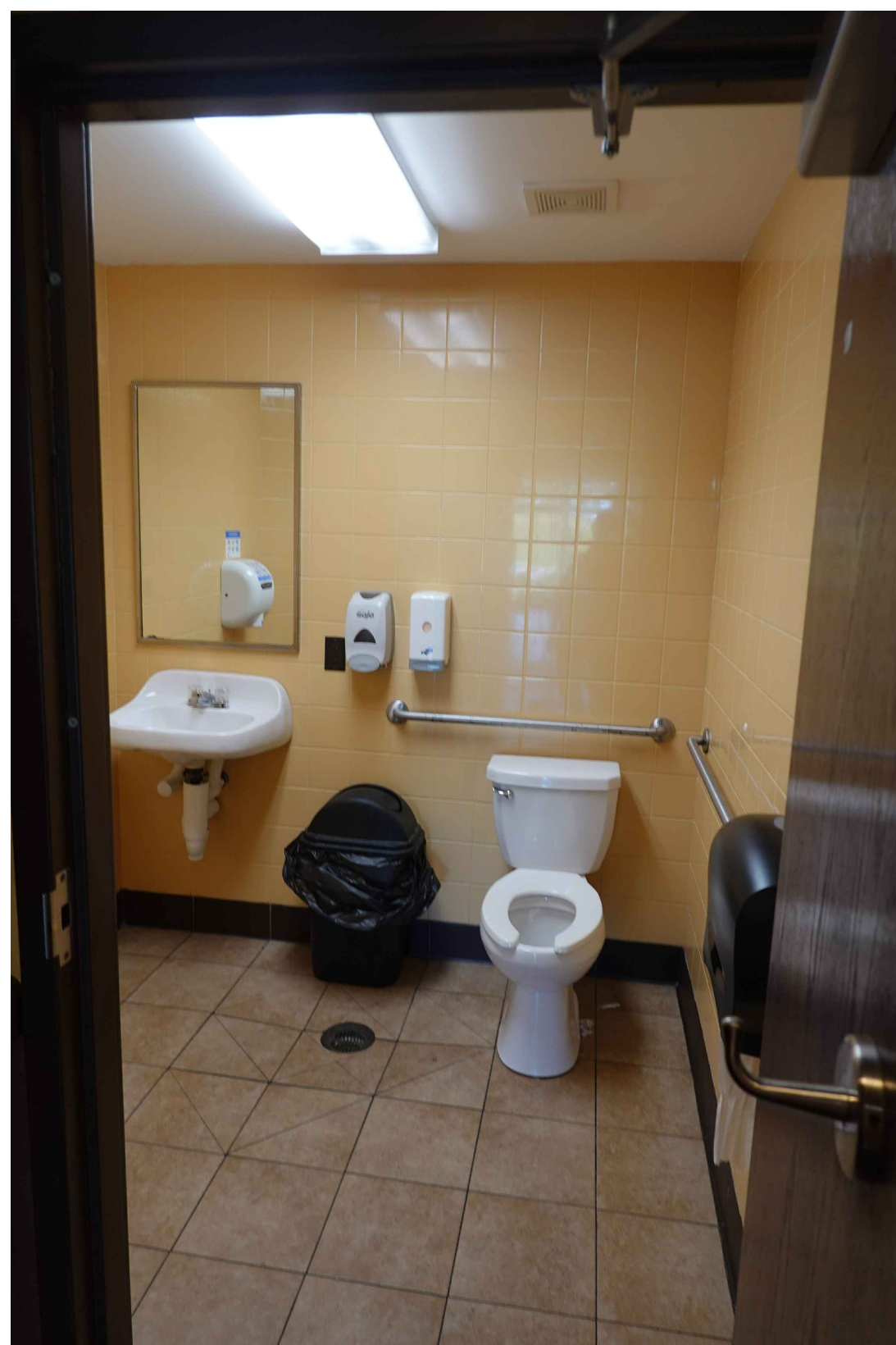
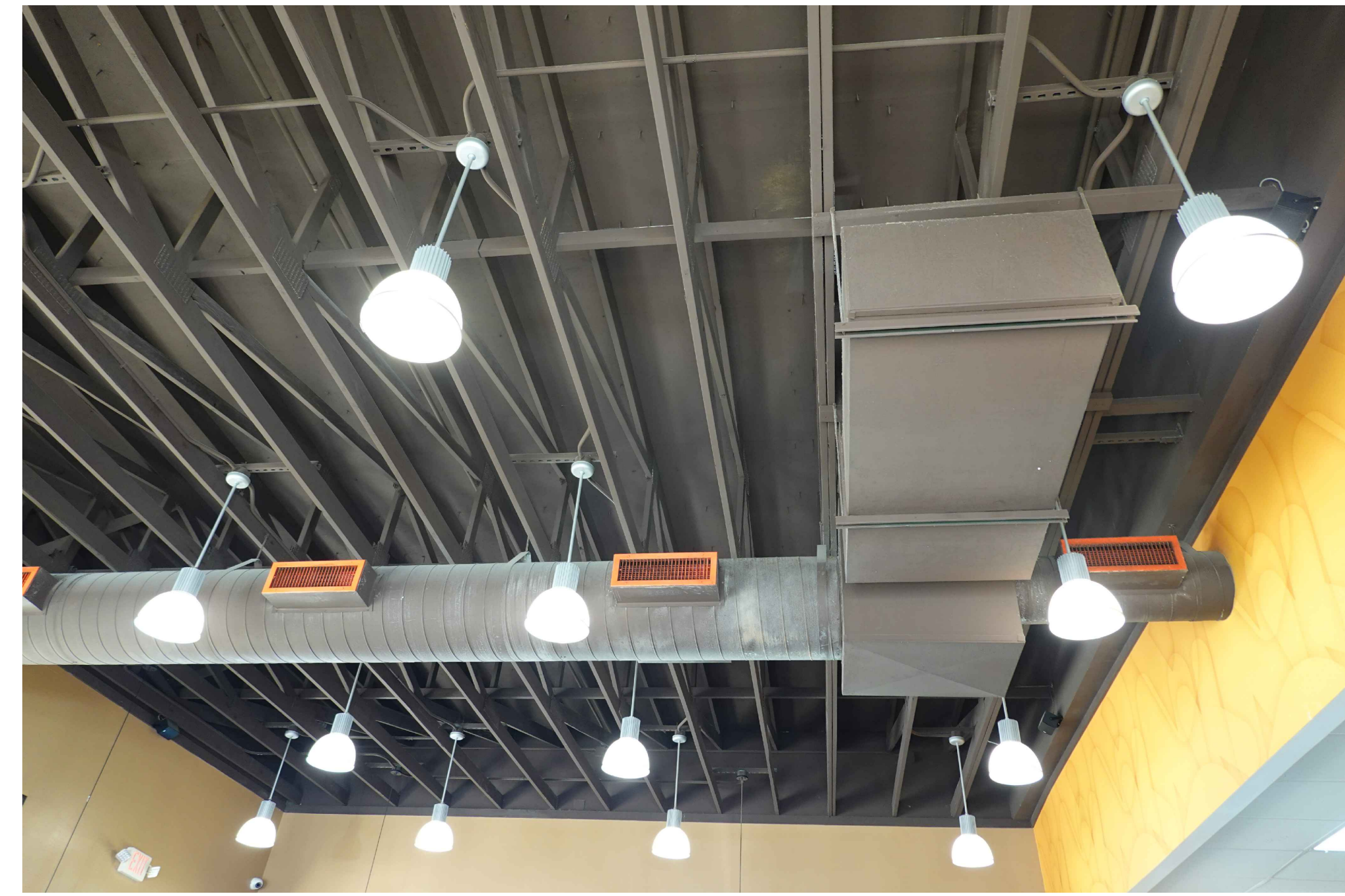
JOHN S VACI, Architect
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205.541.7898
john@johnvaciarhitect.com

Store Number: 350624
dunkin'
brands™
2234 N Reynolds Road
Bryant, AR 72022

Lagunita Franchise Operations
Tony Antoon and Damon Dunn
tony@fops.com
601.940.6914

ISSUED / REVISED
DATE 09.06.19
ISSUED FOR PERMIT
ELEVATIONS

A-5.0



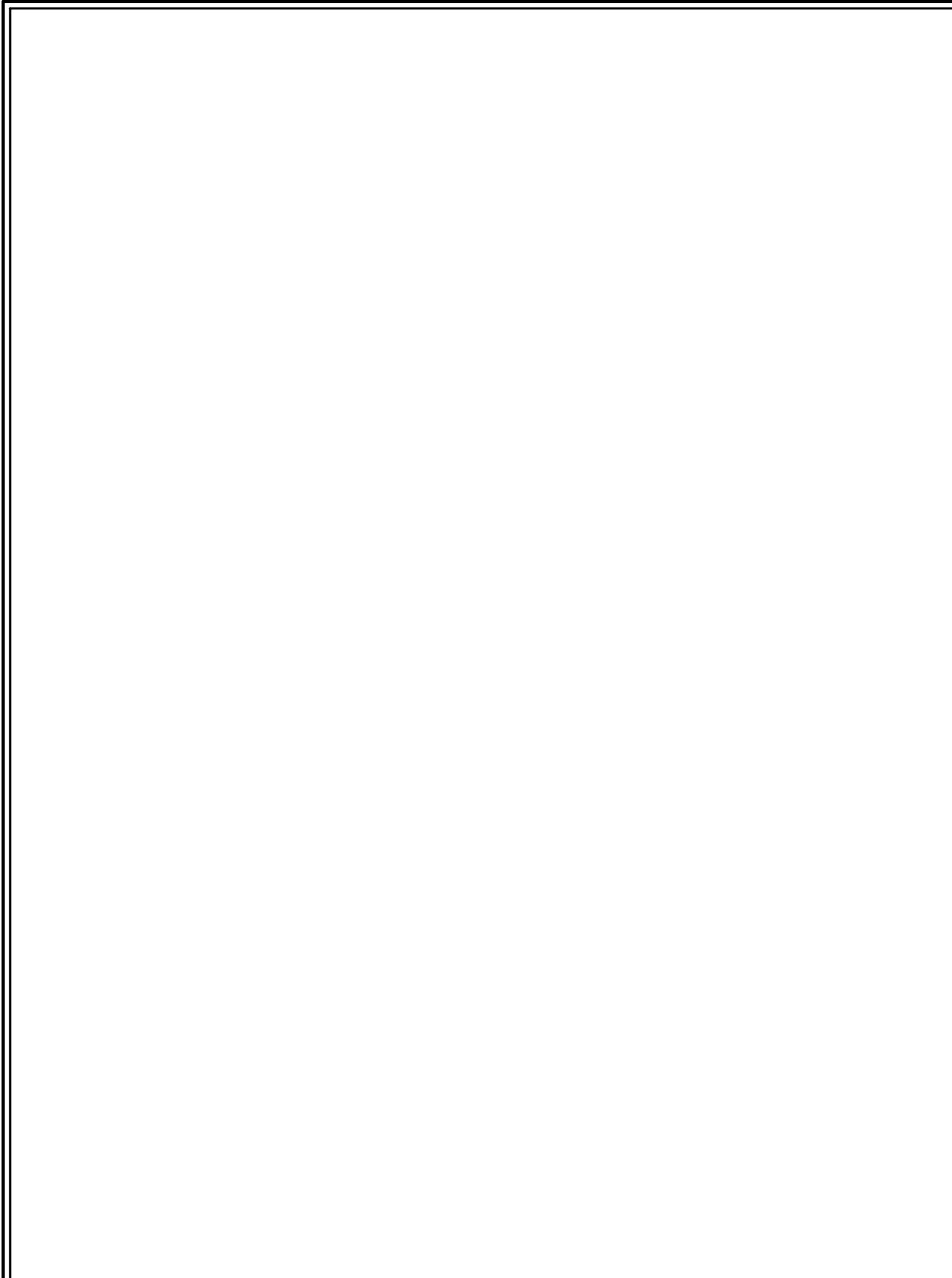
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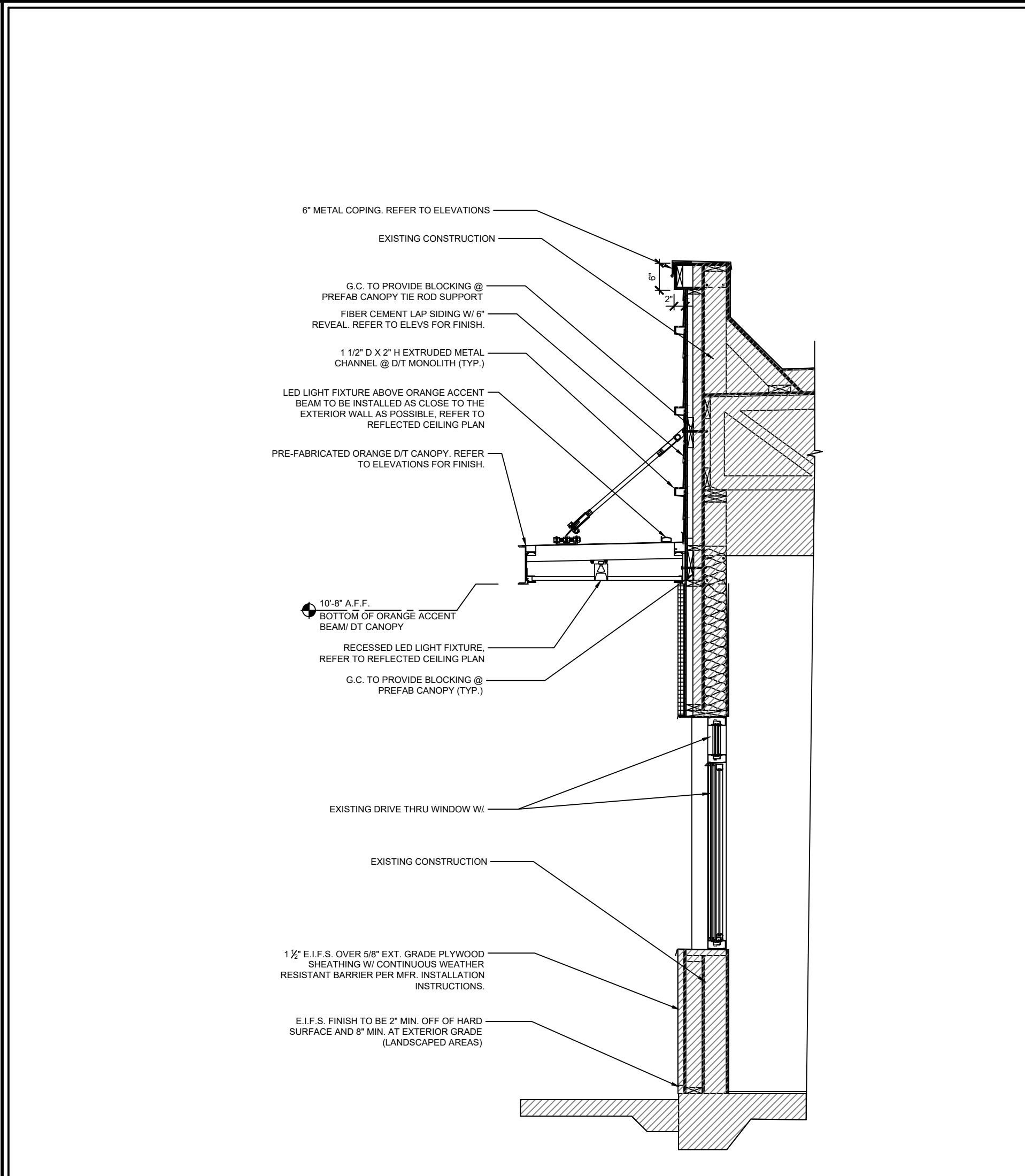
Lagunita Franchise Operations
Tony Antoon and Damon Dunn
tony@lfops.com
601.940.6914

ISSUED / REVISED _____
ISSUED FOR PERMIT _____
DATE 08.06.19
EXISTING PHOTOS

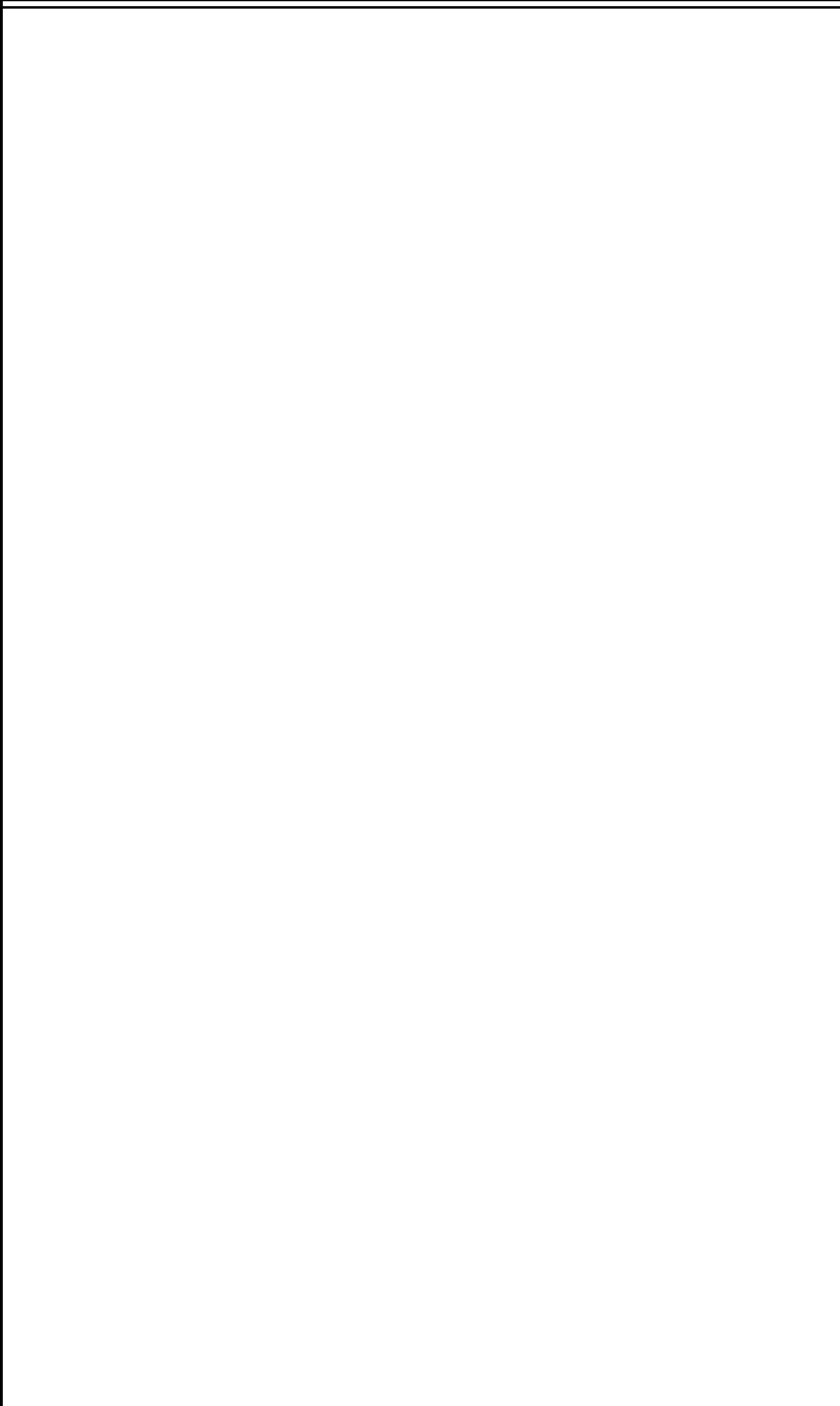
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1 NOT USED
1 1/2" = 1'-0" NOTE:



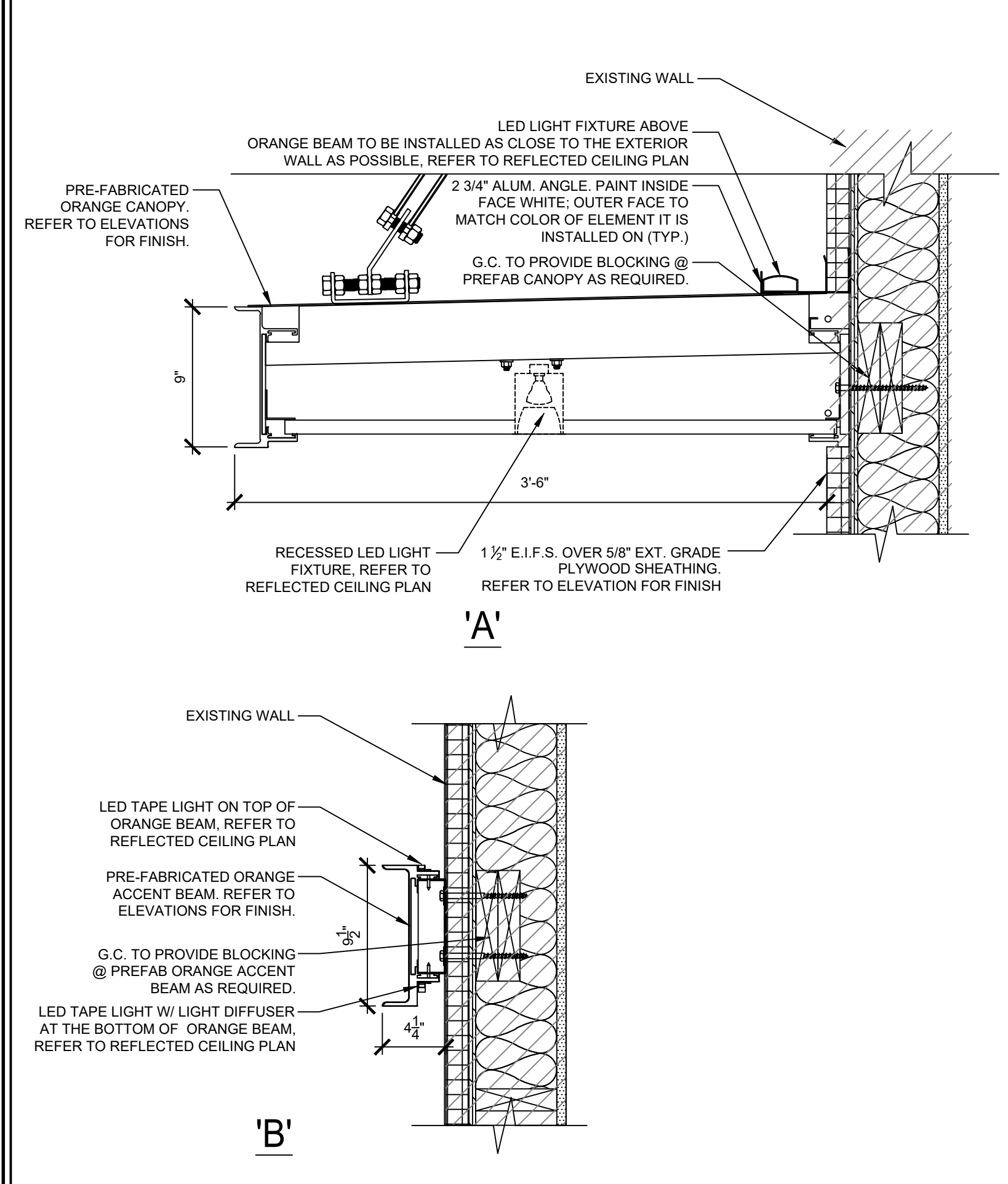
2 SECTION AT DT WINDOW
3/4" = 1'-0" NOTE:



3 NOT USED
1 1/2" = 1'-0" NOTE:



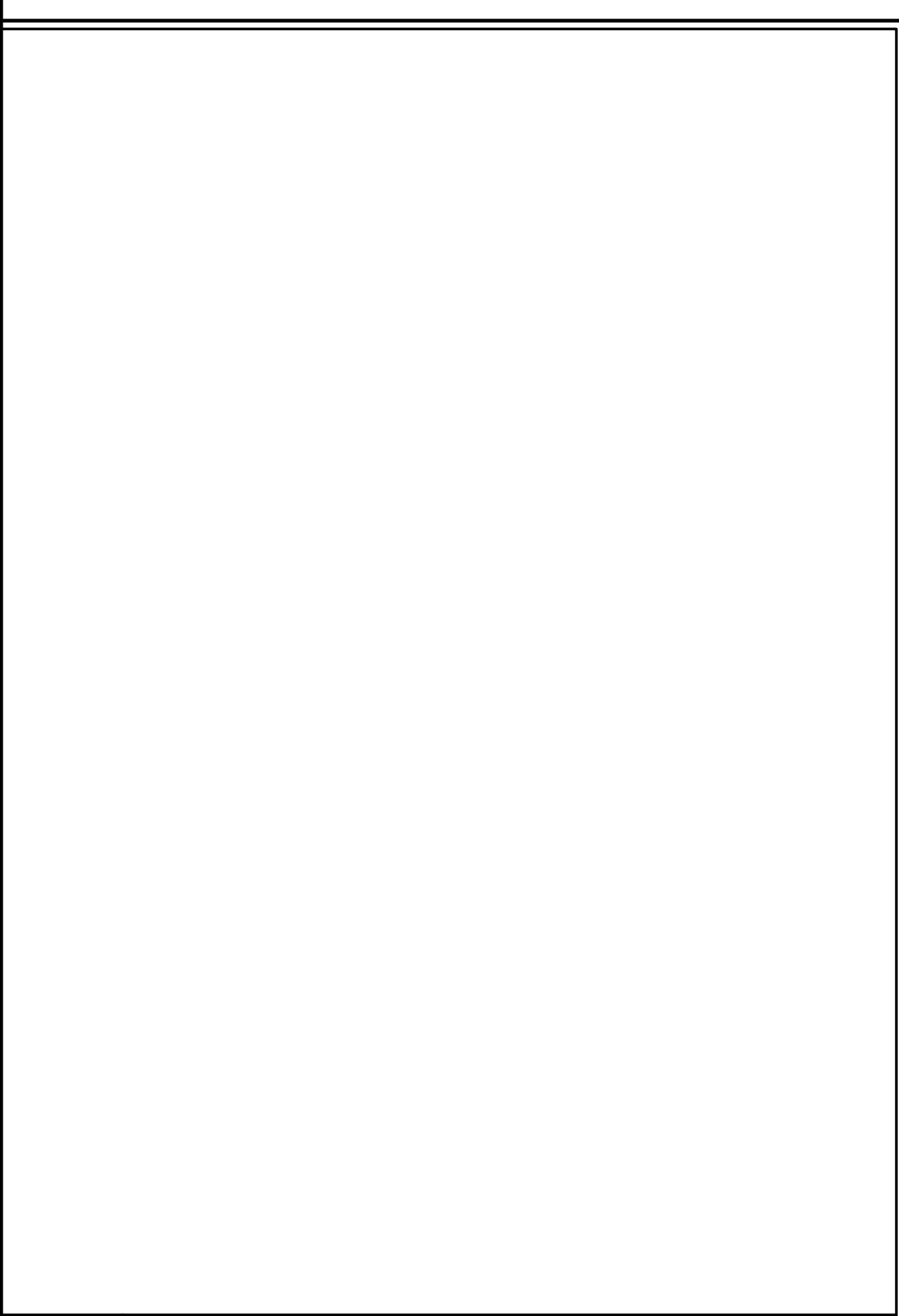
4 NOT USED
1 1/2" = 1'-0" NOTE:



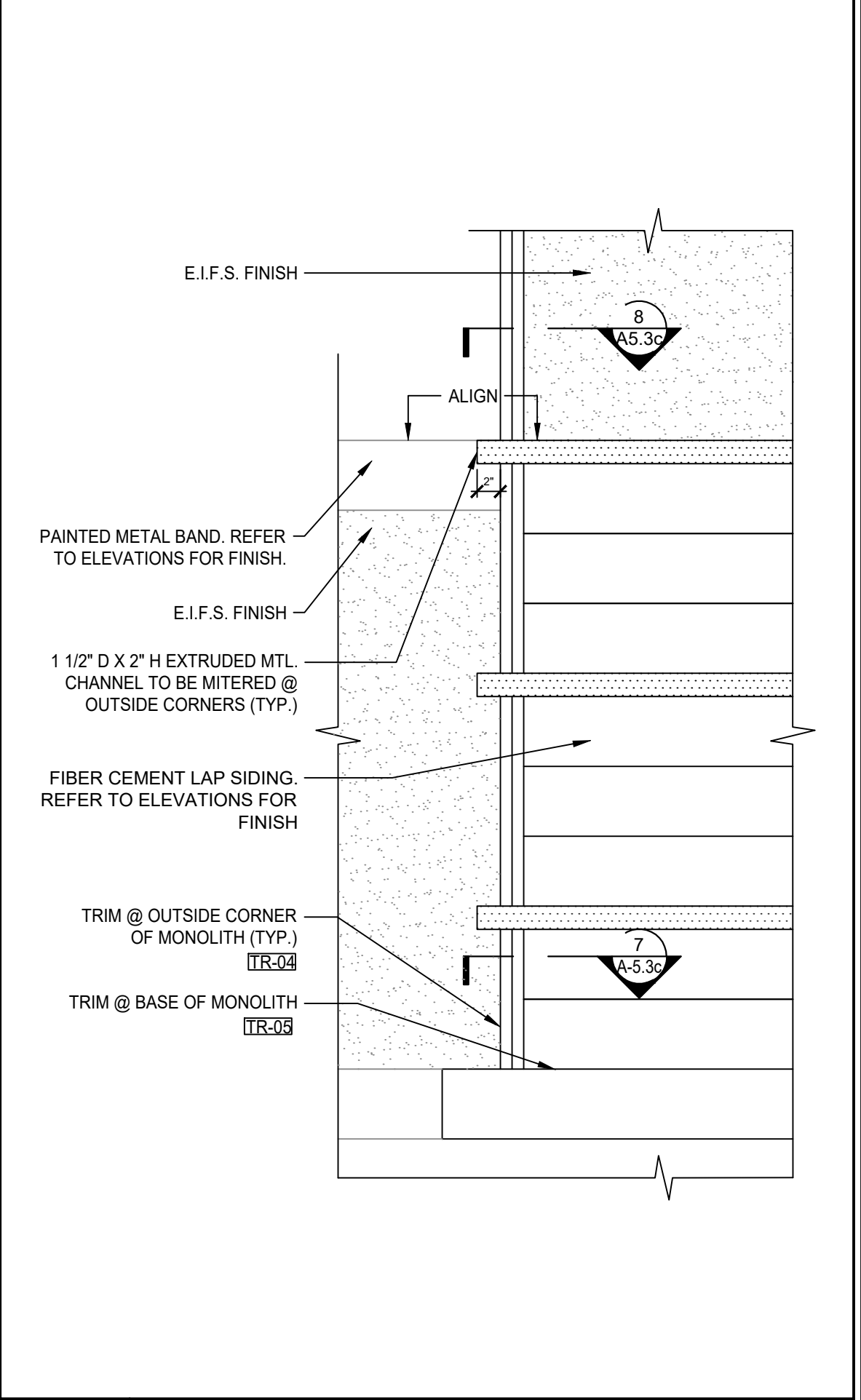
5 ORANGE BEAM DETAIL
1 1/2" = 1'-0" NOTE:



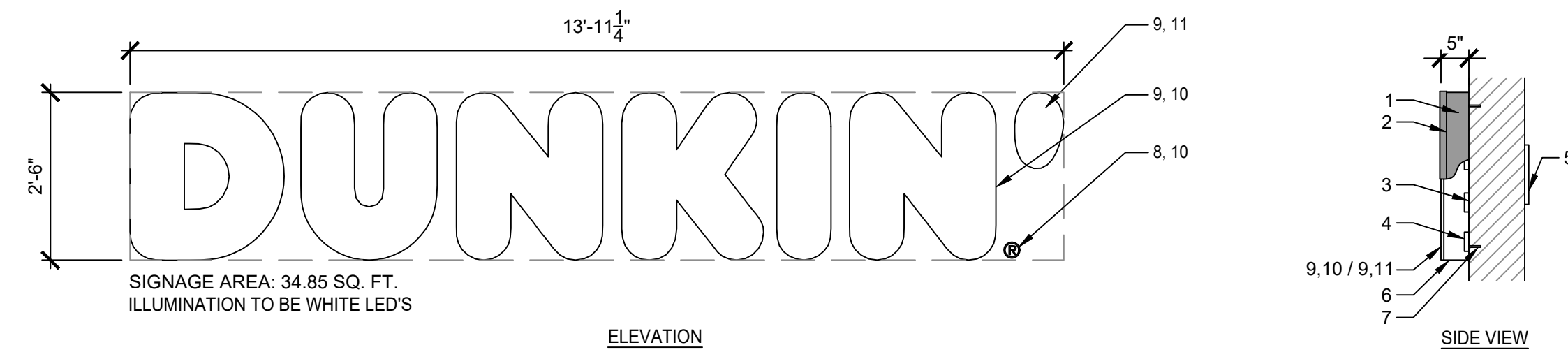
6 ENLARGED ELEVATION @ MONOLITH CORNER
1" = 1'-0" NOTE:



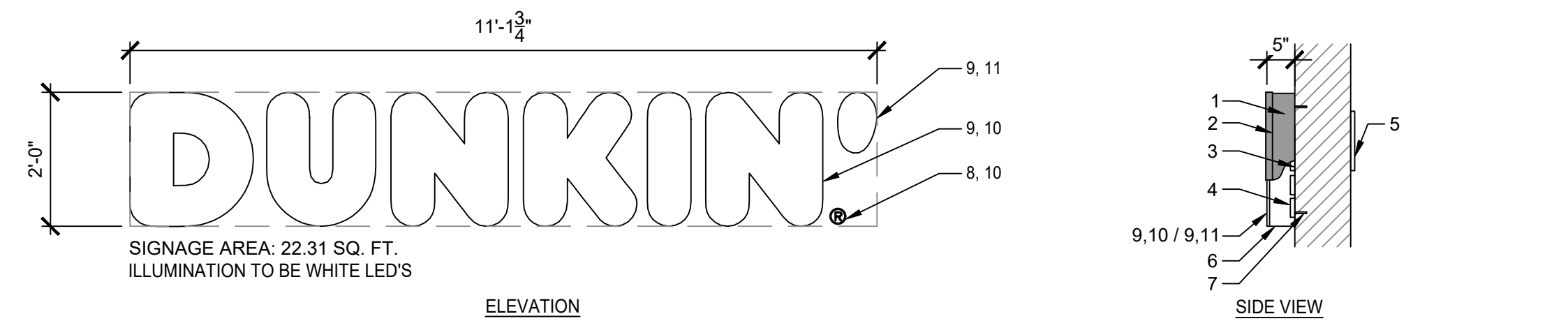
7 NOT USED
1 1/2" = 1'-0" NOTE:



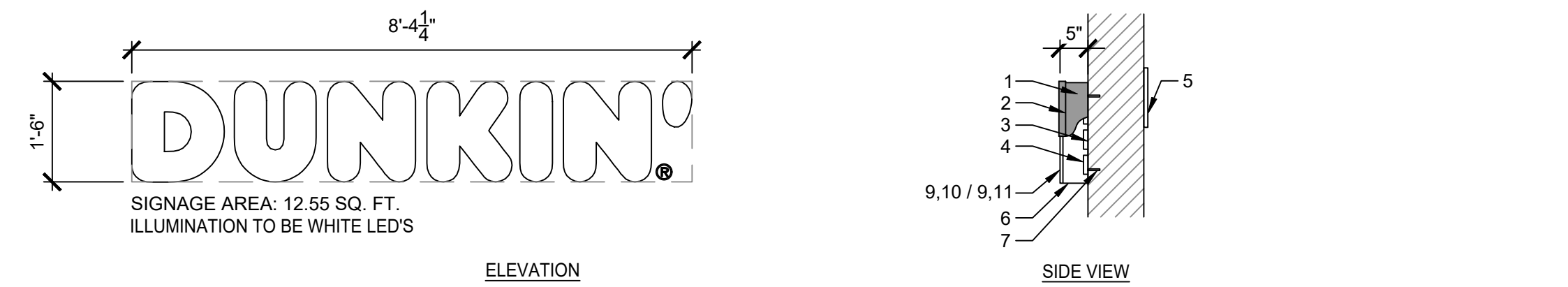
6 ENLARGED ELEVATION @ MONOLITH CORNER
1" = 1'-0" NOTE:



30" H " DUNKIN' " PRIMARY BLDG. SIGN



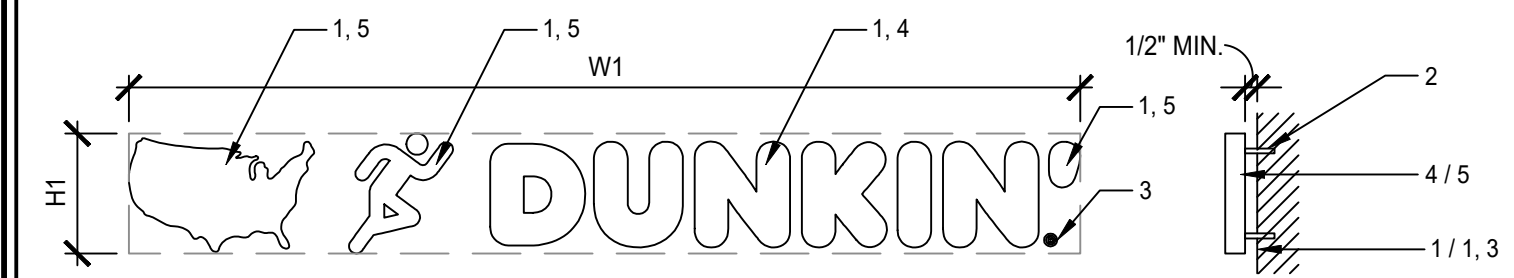
24" H " DUNKIN' " PRIMARY BLDG. SIGN



18" H " DUNKIN' " PRIMARY BLDG. SIGN

GENERAL NOTES:	
1.	05" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS 7540C
2.	1" TRIM CAP TO MATCH JEWELITE 313 BRONZE
3.	083" ALUMINUM BACKING
4.	GE TETRA MAX 7700K WHITE LED'S (OR GE REPLACEMENT EQUIVALENT)
5.	REMOTE POWER SUPPLY, AS REQUIRED
6.	DRAIN HOLES, AS REQUIRED
7.	MOUNTING HARDWARE, AS DETERMINED BY SITE CONDITIONS
8.	083" ALUMINUM DISK PAINTED WHITE (REGISTERED "R")
9.	3/16" THICK WHITE ACRYLIC FACE
10.	3M #9330-3123 DUNKIN' ORANGE TRANSLUCENT FILM 1ST SURFACE
11.	3M #9330-1379 DUNKIN' PINK TRANSLUCENT FILM 1ST SURFACE
ADDITIONAL NOTES:	
ARTWORK FONT : DUNKIN SANS DISPLAY	
CHANNEL LETTER INTERIOR PAINTED REFLECTIVE WHITE	
ELECTRICAL : (1) 20-AMP / 120 VOLT CIRCUIT	
U.L. LISTED	
LED'S TO BE POPULATED FOR EVEN AND CONSISTENT LIGHTING WITHOUT HOT SPOTS OR SHADOWS	

1 BUILDING SIGN
1/2" = 1'-0" NOTE:



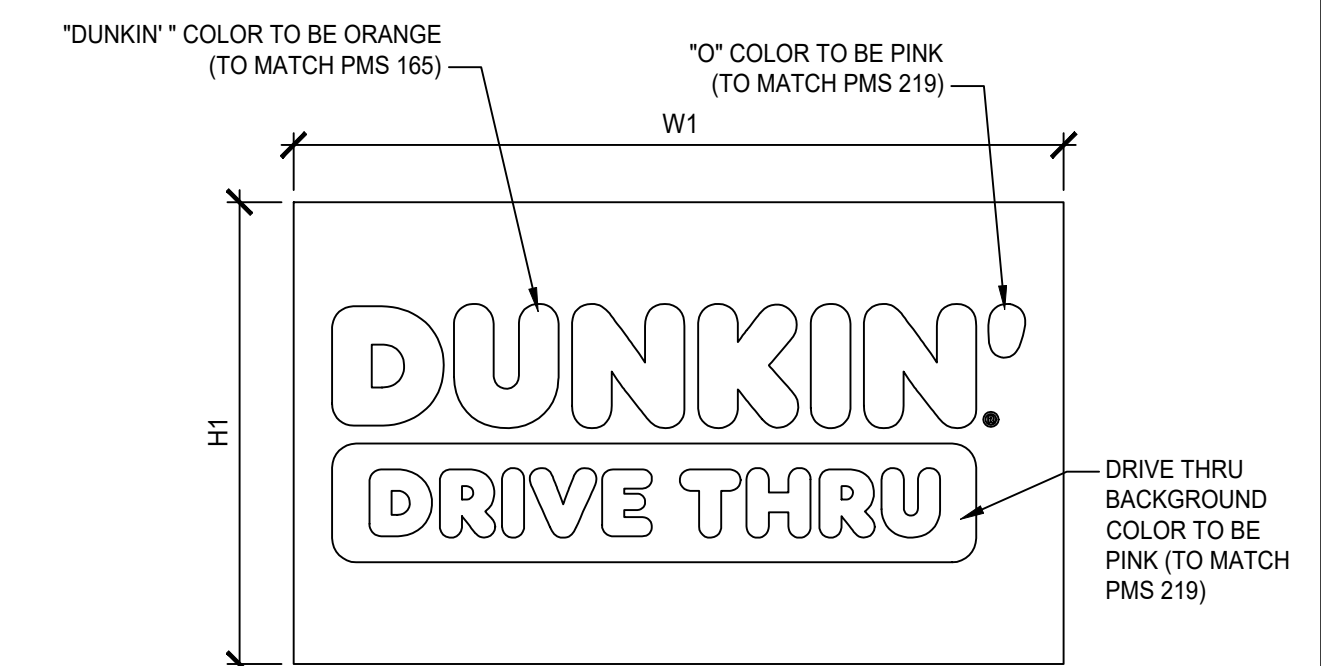
NON-ILLUMINATED PIN-MOUNTED LETTERS

GENERAL NOTES:	
1.	3/4" ROUTED PVC LETTERS AND ROUTED PVC MAP
2.	MOUNTING STUDS AS REQUIRED PER SITE CONDITIONS. LETTERS SHOULD BE PIN MOUNTED WITH AT LEAST A 1/2" SPACING BETWEEN BACK OF LETTER / BAR AND MOUNTING SURFACE.
3.	ROUND PVC DISK PAINTED ORANGE PMS 165 C (REGISTERED "R")
4.	"DUNKIN" LETTERS FACES & RETURNS PAINTED ORANGE PMS 165 C
5.	MAP, MAN, AND APOSTROPHE (') FACES & RETURNS PAINTED PINK PMS 219 C
ADDITIONAL NOTES:	
ARTWORK FONT : DUNKIN SANS DISPLAY	
LETTERS SHOULD BE PIN MOUNTED WITH AT LEAST A 1/2" SPACING.	

SIZE	H1	W1	S.F. (BOX)
SMALL	9"	71.25"	4.46'
MEDIUM	12"	95"	7.93'
LARGE	15"	118.75"	12.38'
CUSTOM	-	-	-

2 FEATURE WALL SIGN

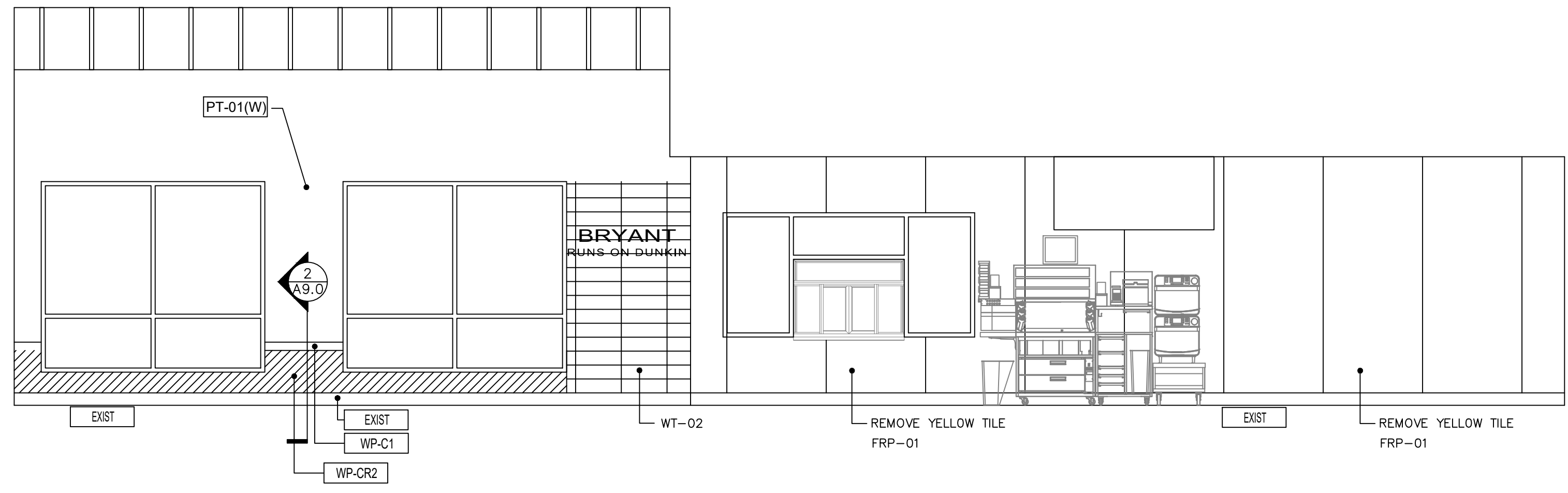
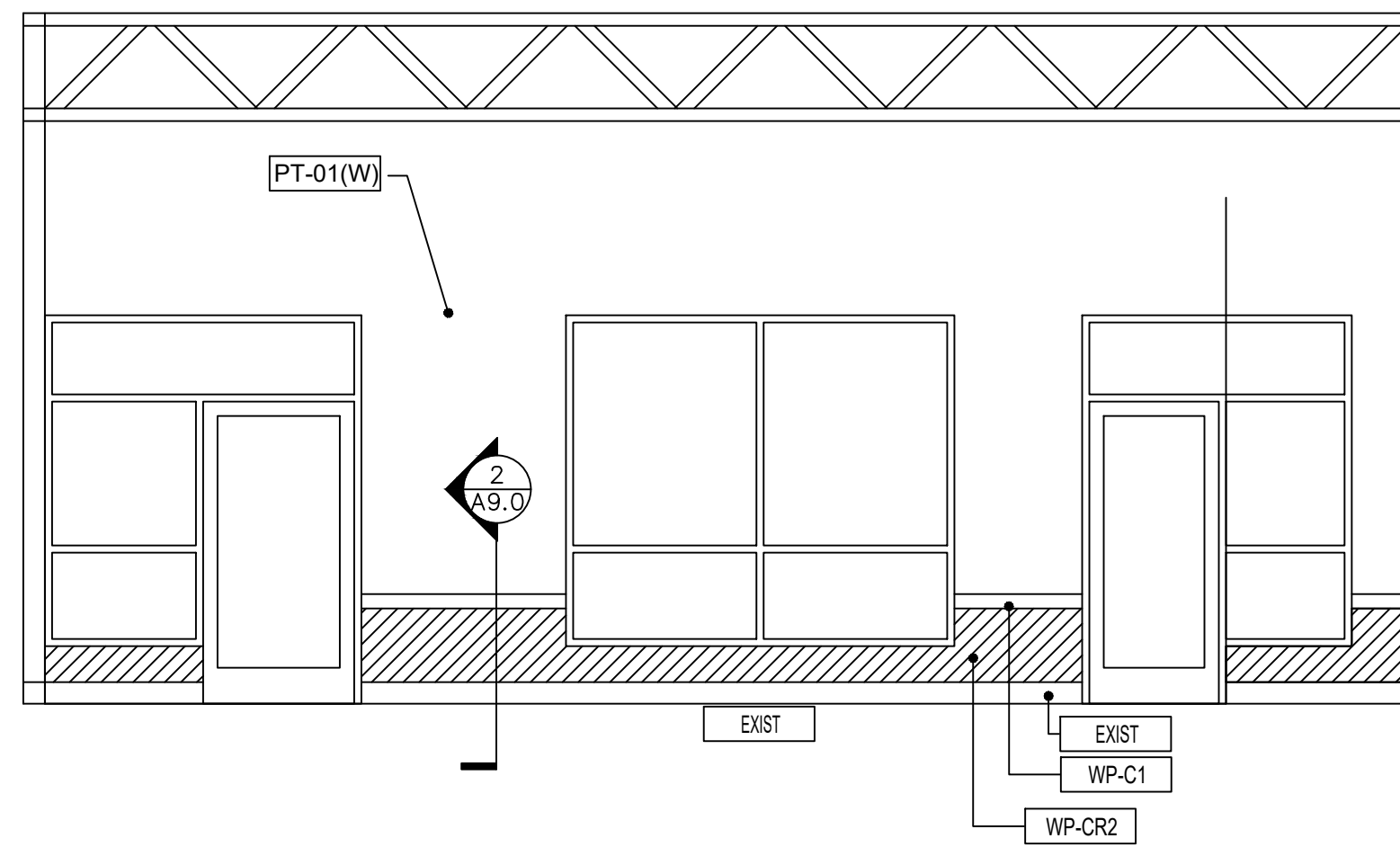
1/2" = 1'-0" NOTE:



SIZE	H1	W1	D1	S.F. (BOX)
ALL	18"	30"	N/A	3.75'
CUSTOM	-	-	-	-

6 HIGHWAY SIGNS
1/2" = 1'-0" NOTE:

10/15/2022

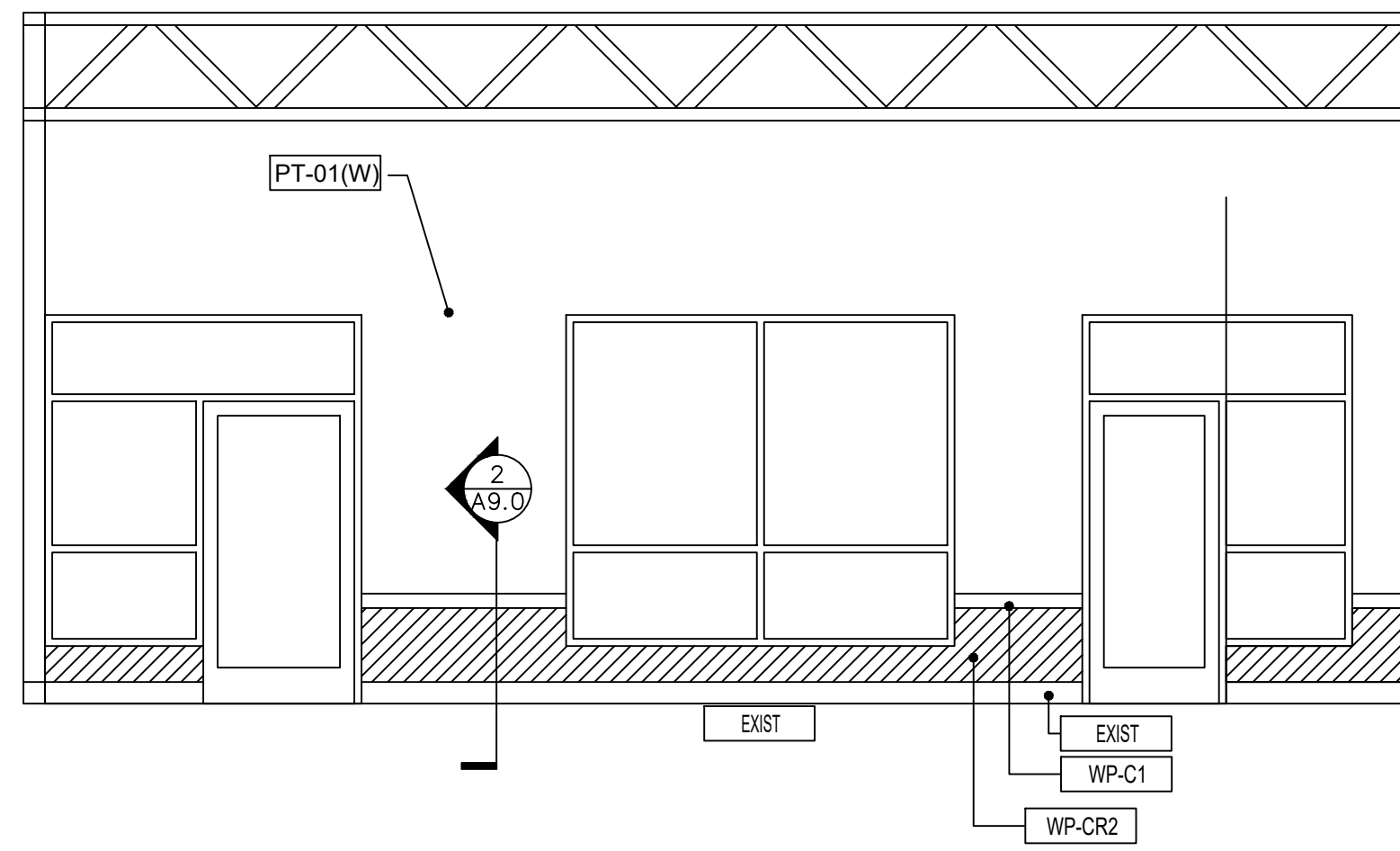


1 INTERIOR ELEVATION STOREFRONT

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

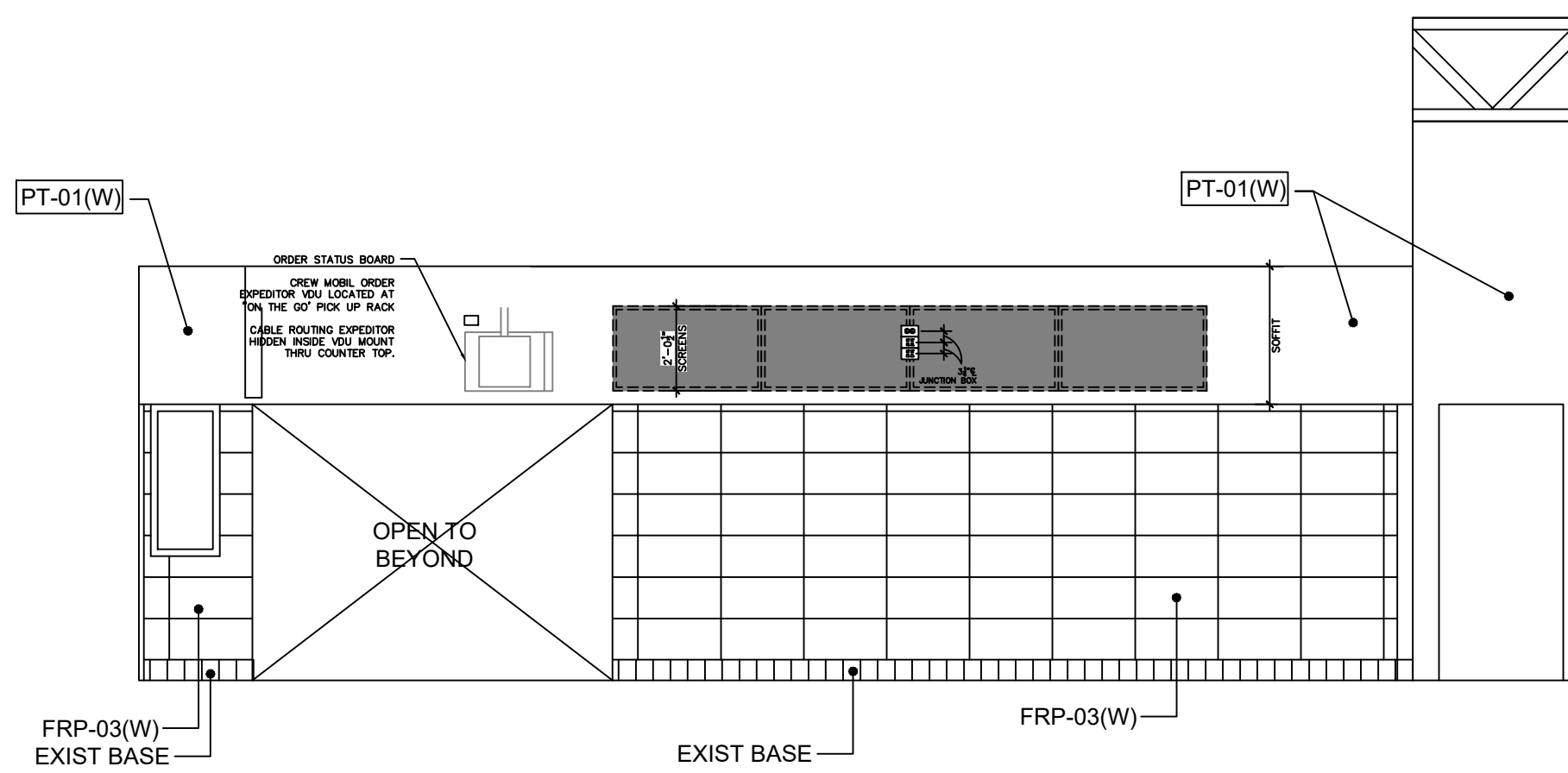
2 INTERIOR ELEVATION AT DRIVE THROUGH

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



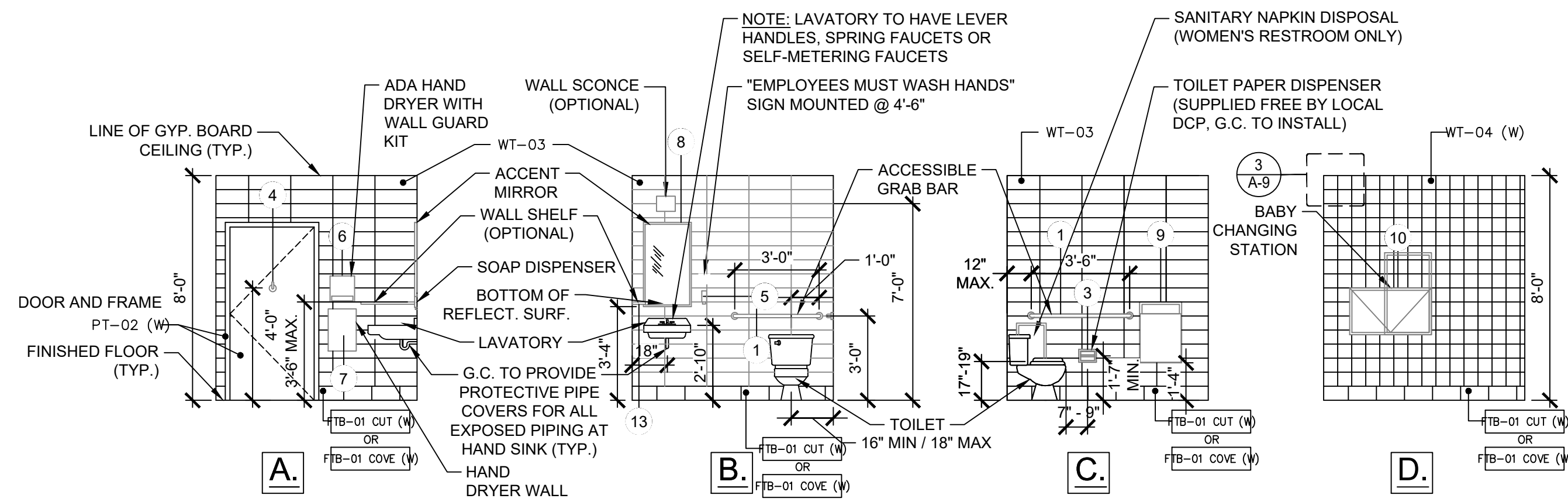
3 INTERIOR ELEVATION AT LOBBY SIDE WALL

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



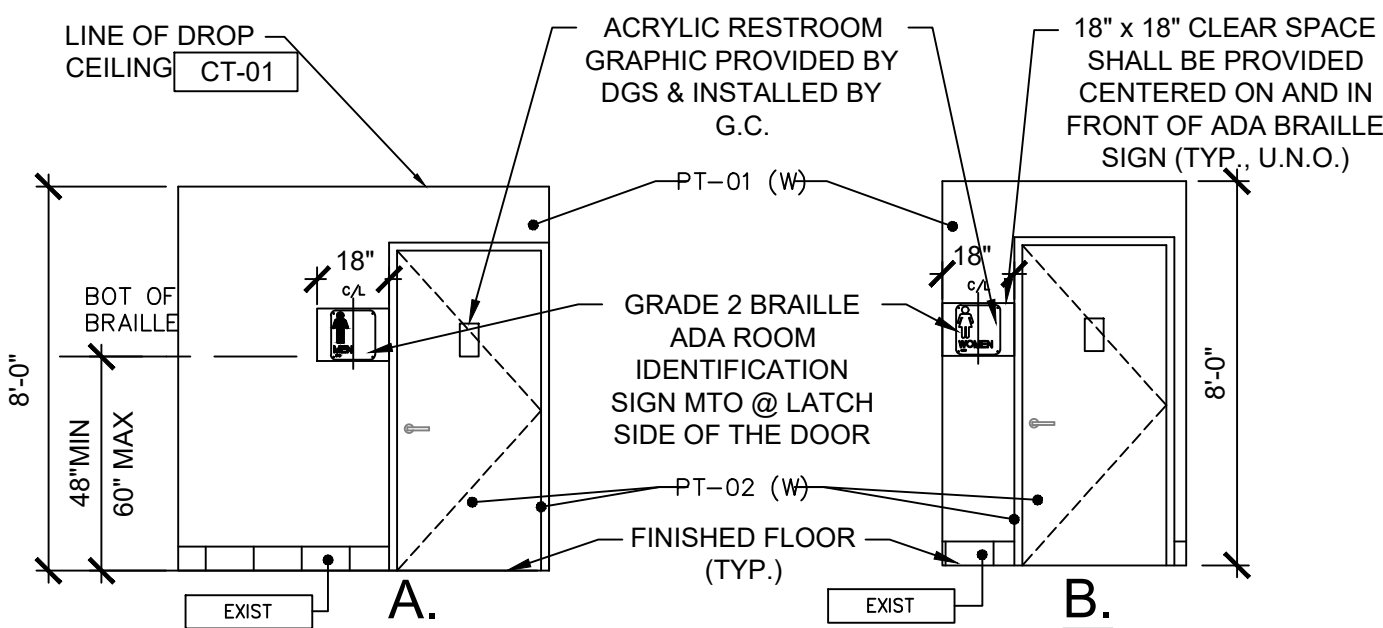
4 SERVICE LINE ELEVATION

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



5 TYPICAL RESTROOM WALL REFINISHING

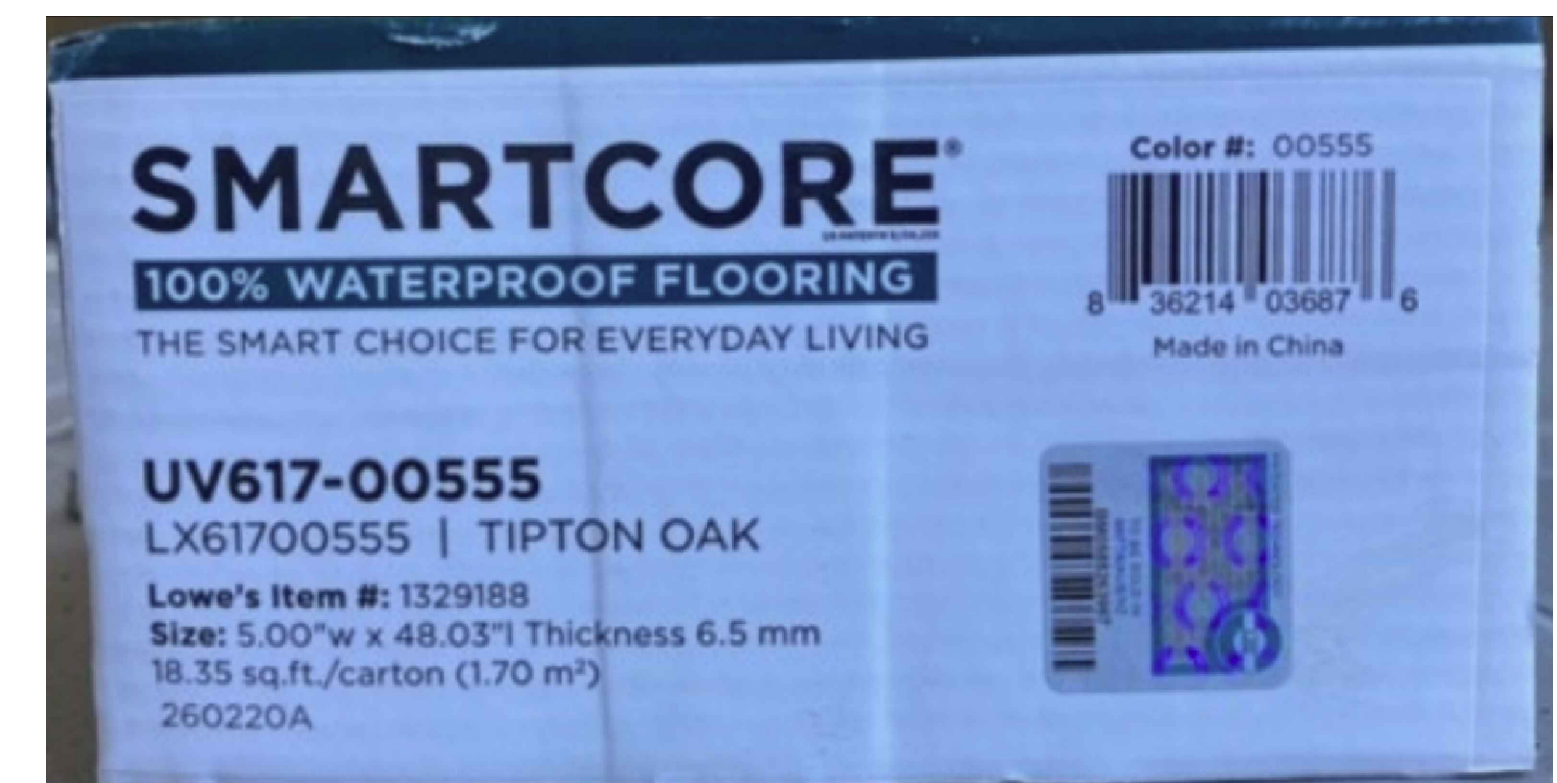
1/4" = 1'-0" NOTE:

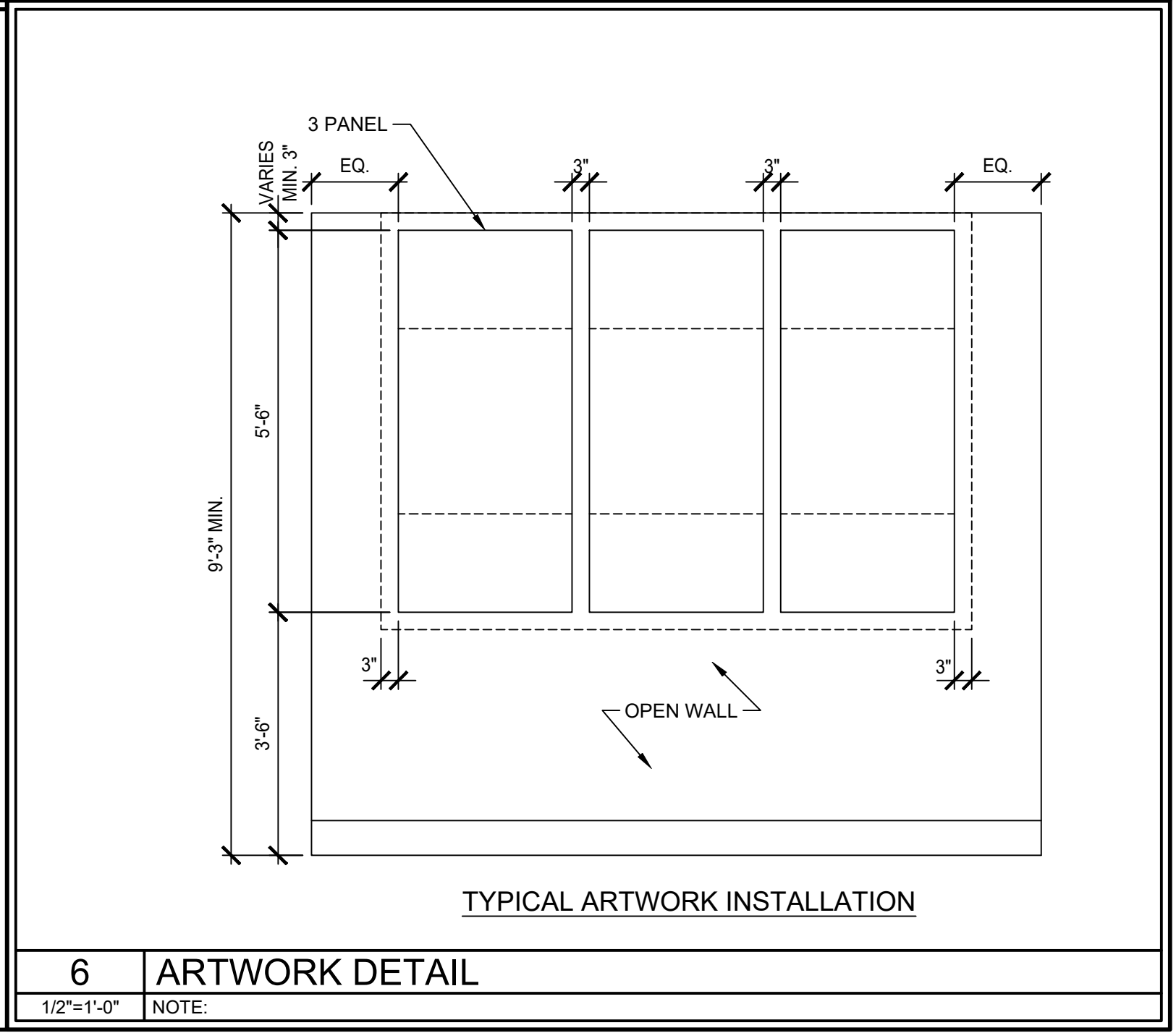
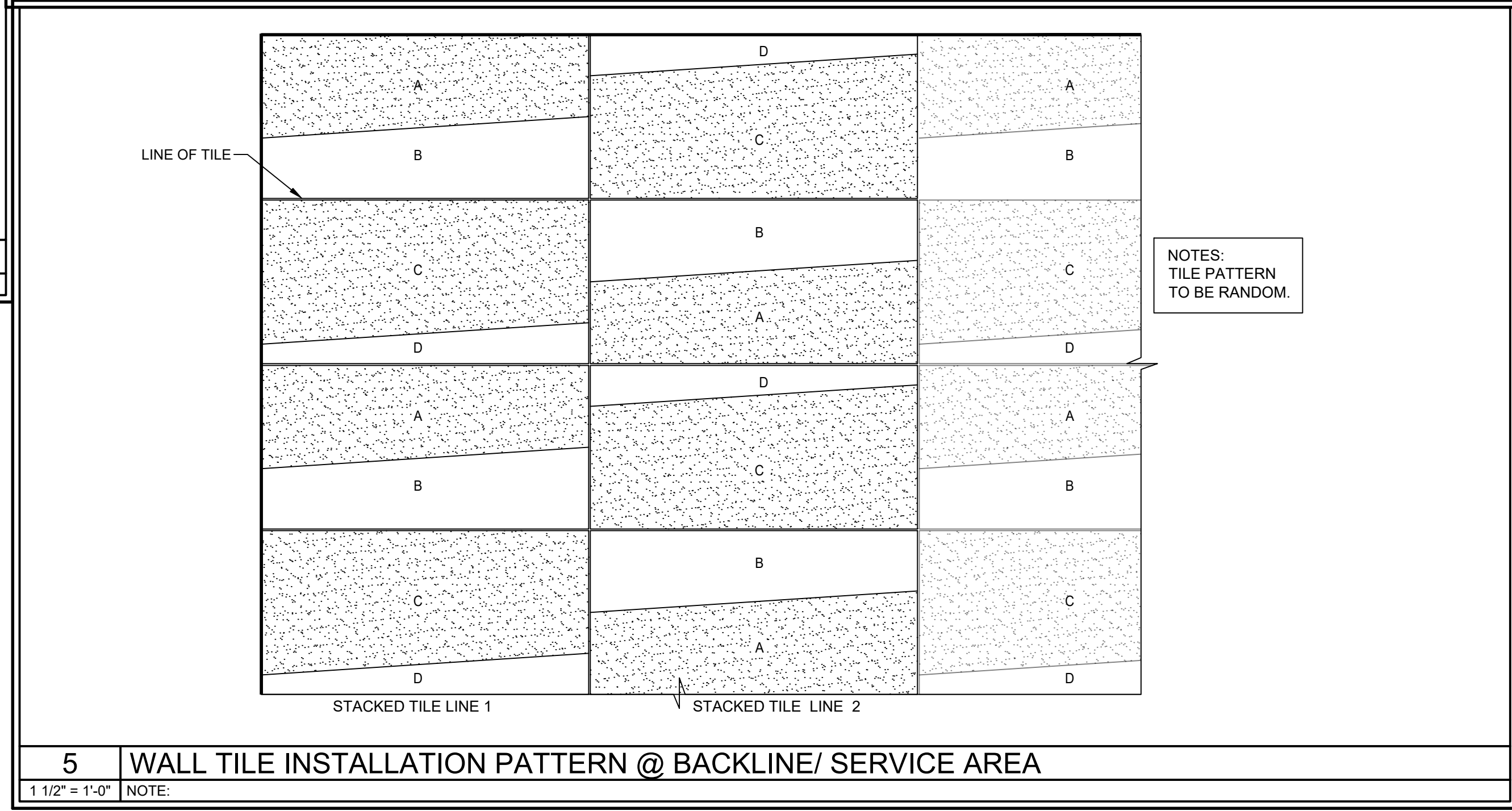
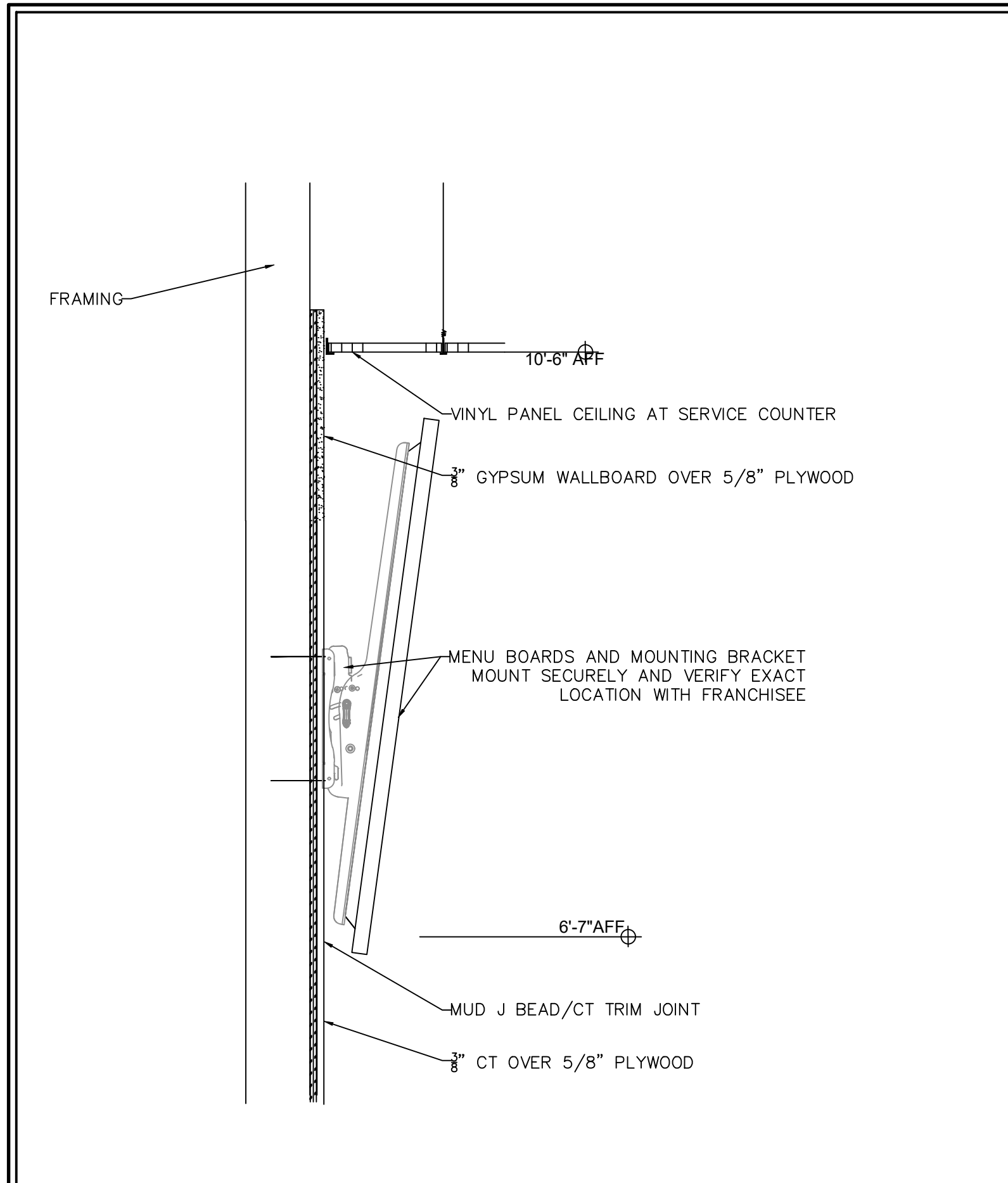
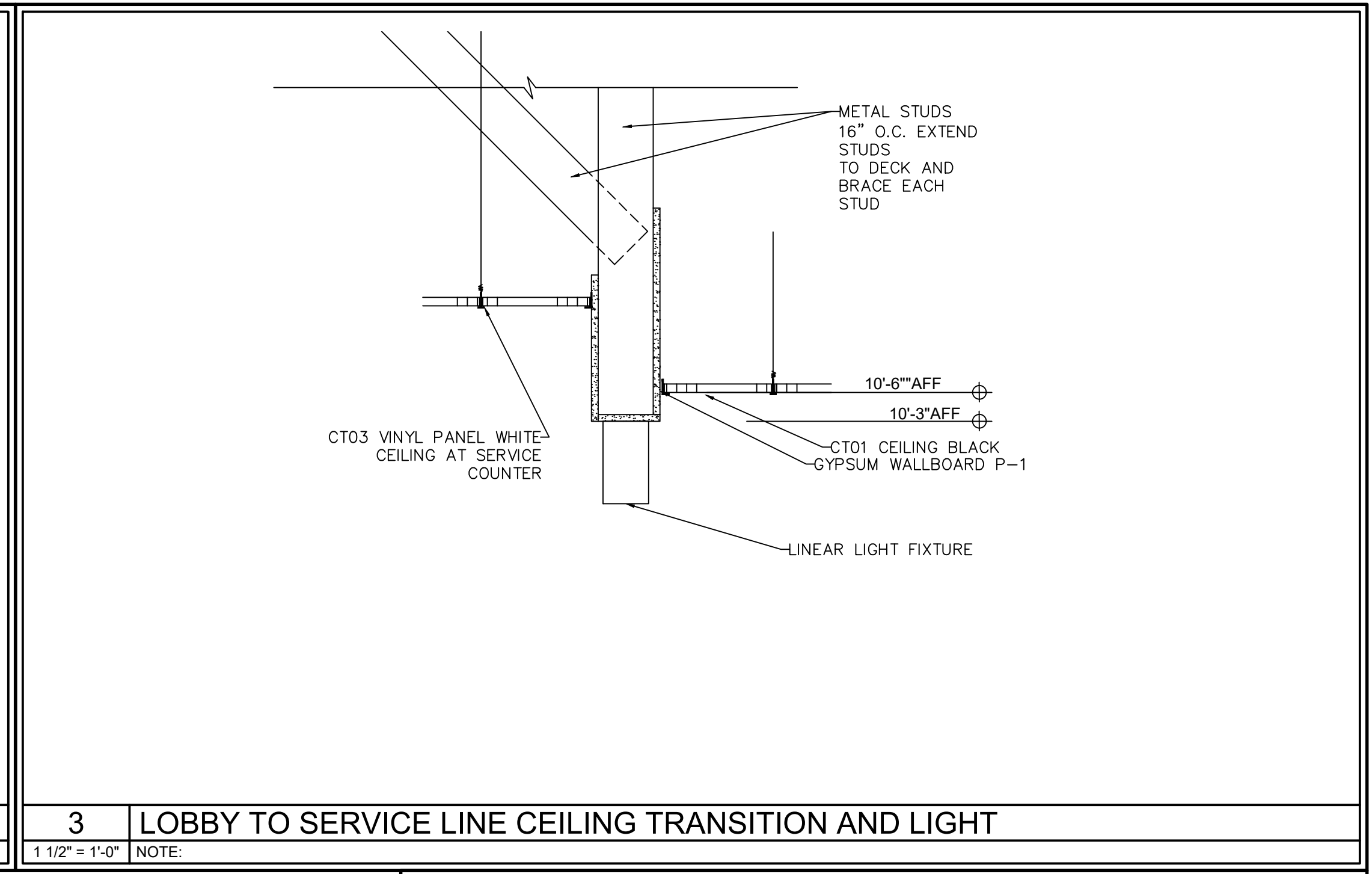
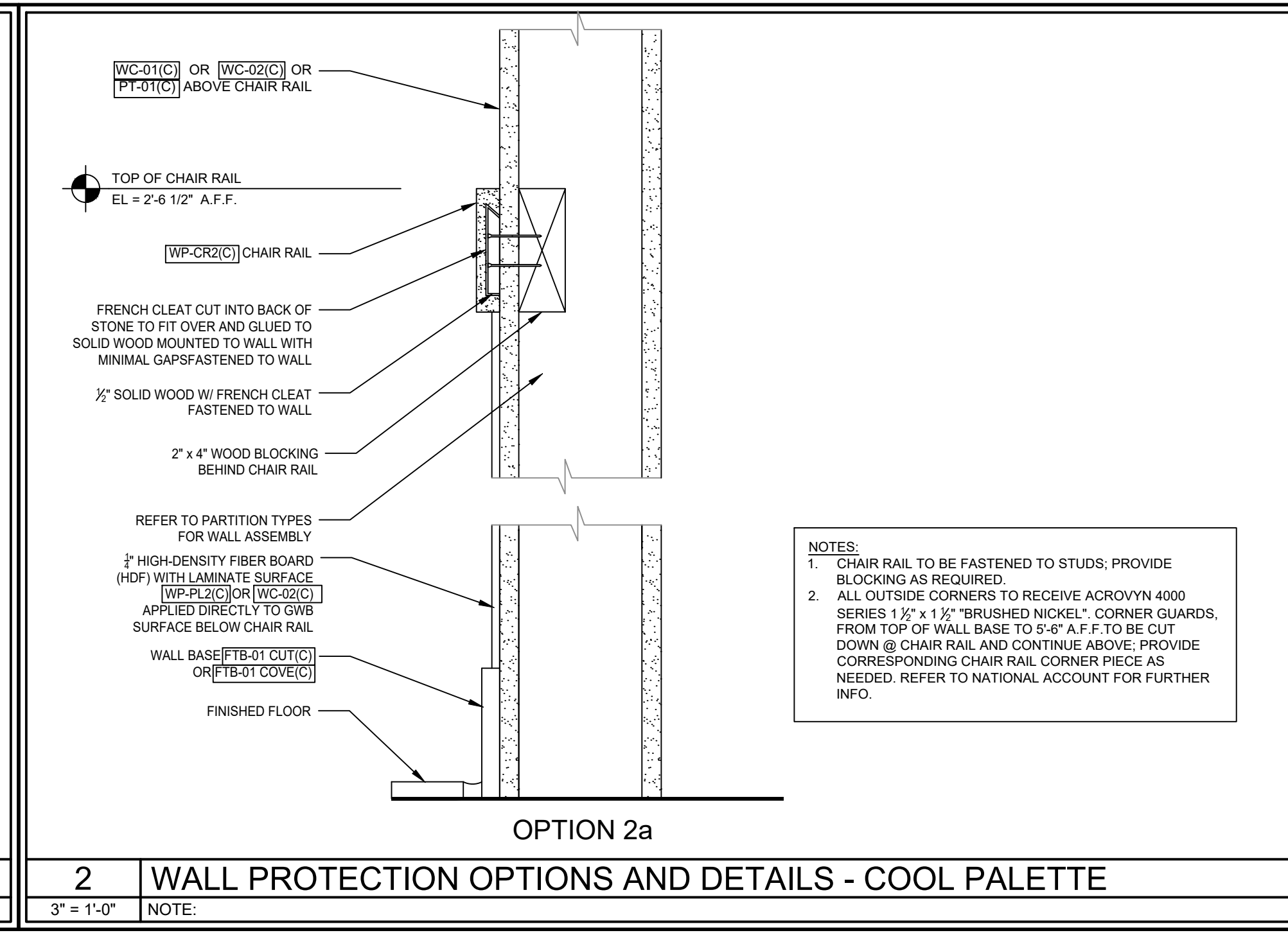
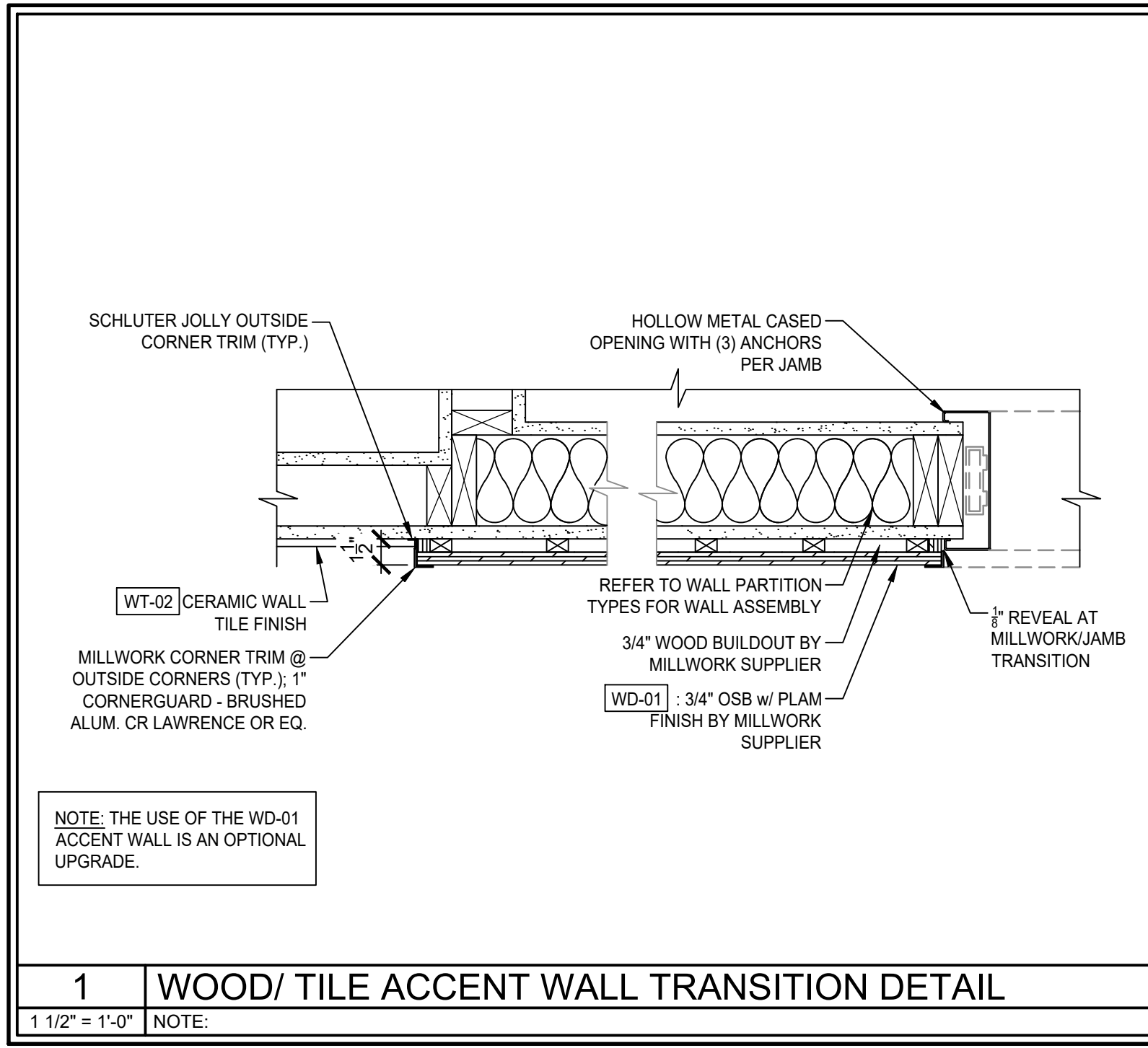


ROOM FINISH SCHEDULE (WARM PALETTE)						
NO.	ROOM NAME	FLOOR CODE	BASE CODE	WALL CODE	CEILING CODE	NOTES
101	SEATING AREA	EXISTING-PATCH	NOTE #5	NOTE #1	CT-02 (BLK)	1,2,3,4,5
102	SALES AREA	EXISTING-PATCH	NOTE #5	NOTE #1	CT-02 (BLK)	1,2,3,4,5
103 A&B	DRIVE THRU	EXISTING FT-02	NOTE #5	NOTE #1	CT-03 2X2	1,2,3,4,5
104	SERVICE AREA	EXISTING FT-02 EXTEND	NOTE #5	NOTE #1	CT-03 2X2	1,2,3,4,5
105	MEN'S RESTROOM	NIC	NIC	NIC	NIC	NIC
106	WOMEN'S RESTROOM	NIC	NIC	NIC	NIC	NIC
107	OFFICE	EXISTING-PATCH	NIC	NIC	NIC	NIC
108	PREP./STORAGE AREA	NIC	NIC	NIC	NIC	NIC
109	HALL	EXISTING-PATCH	NOTE #5	NOTE #1	CT-01 (WHT)	1,2,3,4,5

NOTES

- REFER TO INTERIOR ELEVATIONS FOR PROPER WALL FINISHES IN DESIGNATED AREA
- CONTRACTOR MAY REUSE CLG GRID IF WASHED/PAINTED TO LOOK NEW
- PROVIDE ALUMINUM CORNER GUARDS AT ALL OUTSIDE CORNERS OF WALLS, SEE FLOOR PLAN FOR LOCATIONS
- G.C. TO VERIFY ALL FINISHES WITH DBI CM PRIOR TO ORDERING MATERIALS.
- REFER TO FINISH FLOOR PLAN FOR WALL BASE OPTIONS





ROOM FINISH SCHEDULE (WARM PALETTE)						
NO.	ROOM NAME	FLOOR CODE	BASE CODE	WALL CODE	CEILING CODE	NOTES
101	SEATING AREA	EXISTING-PATCH	NOTE #5	NOTE #1	CT-02 (BLK)	1,2,3,4,5
102	SALES AREA	EXISTING-PATCH	NOTE #5	NOTE #1	CT-02 (BLK)	1,2,3,4,5
103 A&B	DRIVE THRU	EXISTING PATCH	NOTE #5	NOTE #1	CT-03 2X2	1,2,3,4,5
104	SERVICE AREA	EXISTING PATCH	NOTE #5	NOTE #1	CT-03 2X2	1,2,3,4,5
105	MEN'S RESTROOM	EXISTING PATCH	NOTE #5	NOTE #1	PAINT ONLY	NIC
106	WOMEN'S RESTROOM	EXISTING PATCH	NOTE #5	NOTE #1	PAINT ONLY	NIC
107	OFFICE	NIC	NIC	NIC	NIC	NIC
108	PREP./STORAGE AREA	NIC	NIC	NIC	NIC	NIC
109	ALCOVE	EXISTING-PATCH	NOTE #5	NOTE #1	REPAIR IF REQD	1,2,3,4,5
NOTES						
1. REFER TO INTERIOR ELEVATIONS FOR PROPER WALL FINISHES IN DESIGNATED AREA						
2. CONTRACTOR MAY REUSE CLG GRID IF WASHED/PAINTED TO LOOK NEW						
3. PROVIDE ALUMINUM CORNER GUARDS AT ALL OUTSIDE CORNERS OF WALLS. SEE FLOOR PLAN FOR LOCATIONS						
4. G.C. TO VERIFY ALL FINISHES WITH DBI CM PRIOR TO ORDERING MATERIALS.						
5. REFER TO FINISH FLOOR PLAN FOR WALL BASE OPTIONS						

WALL PROTECTION					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
WP-CR2 (W)	SOLID SURFACES	LG HI-MACS		CUSTOM COLOR: G122 BAMBOO LEAF (SEE AS SS-01 (W)) FINISH: POLISHED EDGE PROFILE: REFERENCE MILLWORK DETAIL ALUMINUM PROFILE: SCHLUTER, JOLLY	SOLID SURFACE CHAIR RAIL
WP-C1		IMPACT SPECIALTIES		COLOR: "BRUSHED NICKEL" VA-200 CORNER 72" X 11/2" X 1 1/2"	CHAIR RAIL CORNER PIECE
INTERIOR WALL PAINT					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
PT-01 (W)	PAINT	SHERWIN WILLIAMS	SW 9088 "UTAPEIA"	WALL / SOFFIT PAINT WHERE INDICATED	MARK T. WEINER BARRINGTON RI 02806 M: 617-438-1408 O: 401-245-5176 EMAIL: MARK.T.WEINER@SHERWIN.COM
PT-02 (W)	PAINT	SHERWIN WILLIAMS	SW 6005 "FOLKSTONE"	SHEEN: FLAT FOR CEILING / SOFFIT; SEMIGLOSS FOR DOORS AND FRAMES	
PT-03 (W)	PAINT	SHERWIN WILLIAMS	SW 9109 "NATURAL LINEN"	SHEEN: FLAT FOR CEILING; SEMIGLOSS FOR DOORS AND FRAMES	
CREATIVE MATERIALS PALETTE					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
G-04	GROUT	MAPEI	ULTRSCOLOR PLUS FA # 10 - BLACK	BRICK TILE GROUT- SEE FINISH SCHEDULE FLOOR TILE (FT) OR WALL TILE (WT) COMMENTS FOR LOCATION	
WT-02	PORCELAIN TILE	CREATIVE MATERIALS	BRICKWORLD SOHO BLACK - DINING AREA TILE	COOL AND WARM PALETTE - BRICK STYLE 3" X 12" . - USE W/ GROUT G-04 ALUMINUM PROFILE: SCHLUTER, JOLLY, TSDA DARK ANTHRACITE HEIGHT 8 mm (5/16") A80TSDA	
INTERIOR FIBERGLASS REINFORCED PANEL					
CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS
FRP-03 (W)	FIBERGLASS REINFORCED PANELS	CRANE COMPOSITES	COLOR: 113DWP 4' X 8' PART # 113 DWP8 OR 4' X 10' PART # 113 DWP10	WARM PALETTE - APPROVED FOR BACK LINE WALL IN NEW AND REMODEL RESTAURANTS.	CRANE - KEMLITE COMPOSITES VENDOR CONTACT: JEFF TOLLE P: 1-800-435-0080 OR 1-815-467-8600 OR 1-815-274-9125 (DIRECT) C: 330-260-7627 SALES@CRANECOMPOSITES.COM

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 205.541.7898
 john@johnvaciarchitect.com

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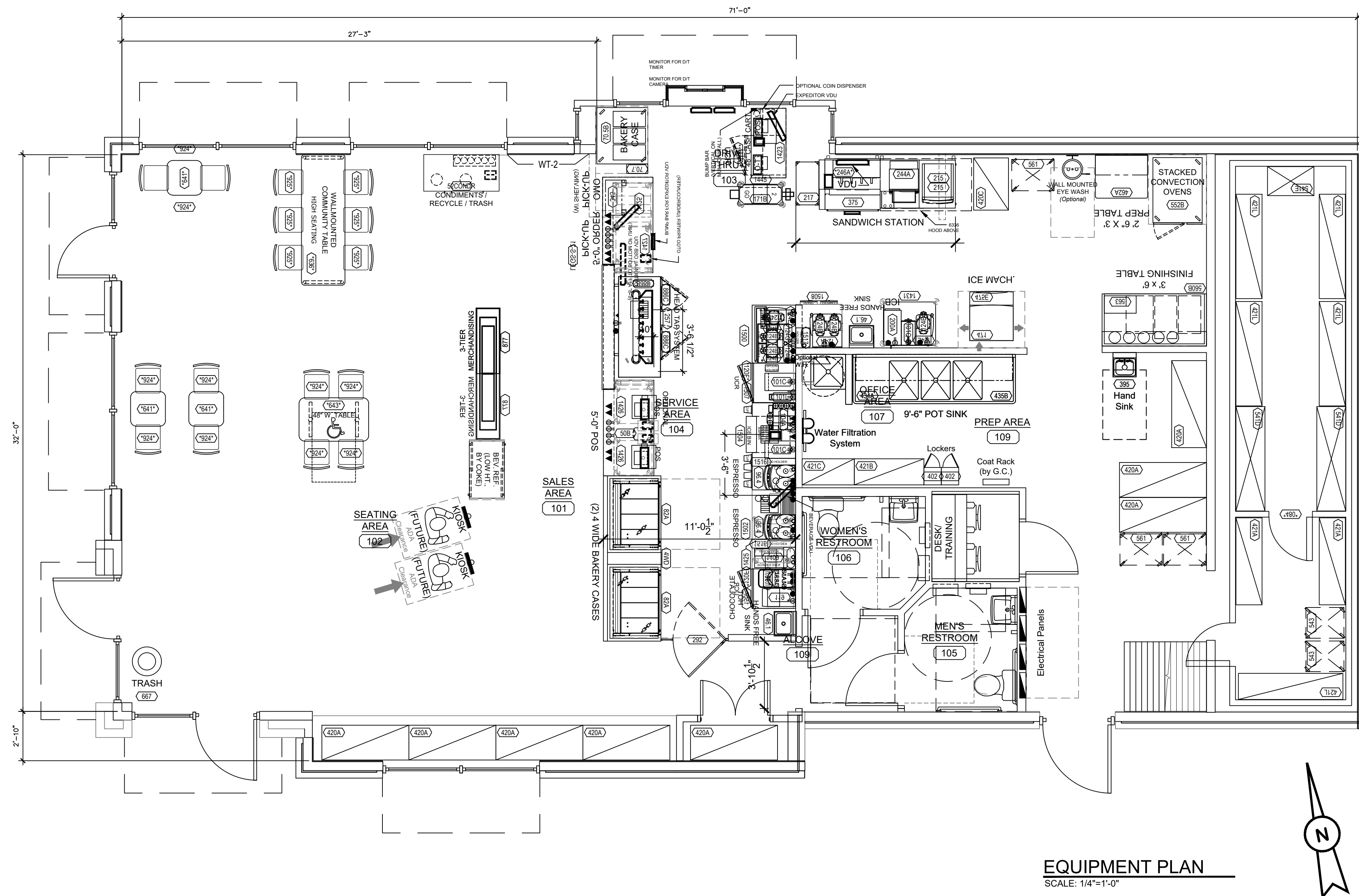
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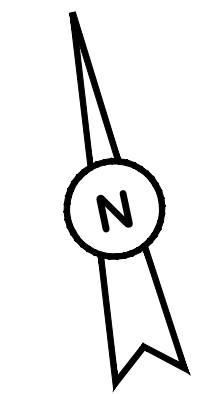
Lagunita Franchise Operations
 Tony Antoon and Damon Dunn
 tony@lffops.com
 601.940.6914

ISSUED / REVISED / DATE
 ISSUED FOR PERMIT
 00.00.19
DOOR, MASTER HRDWR
RM. FIN. SCHED., WARM

2025 SQ. FT. (Building)
 210 SF (Exterior Walk-In Box)
 2 DRY DELIVERIES per WK.
 2 REF'D DELIVERIES per WK.
 750 DZNS. of DONUTS per WK.
 250 DZNS. of Munchkins per WK.
 15 SEATS
 26 LN. FT. SHELVING



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



NOTE:
 F'EE AND FIELD TEAM TO DETERMINE IF EXISTING
 BACK ROOM EQUIPMENT AND COLD/DRY STORAGE
 CAPACITIES CONFORM TO CURRENT STANDARDS.
 ENSURE ADEQUATE ICE MACHINE CAPACITY FOR NEXT
 GEN MENU REQUIREMENTS.

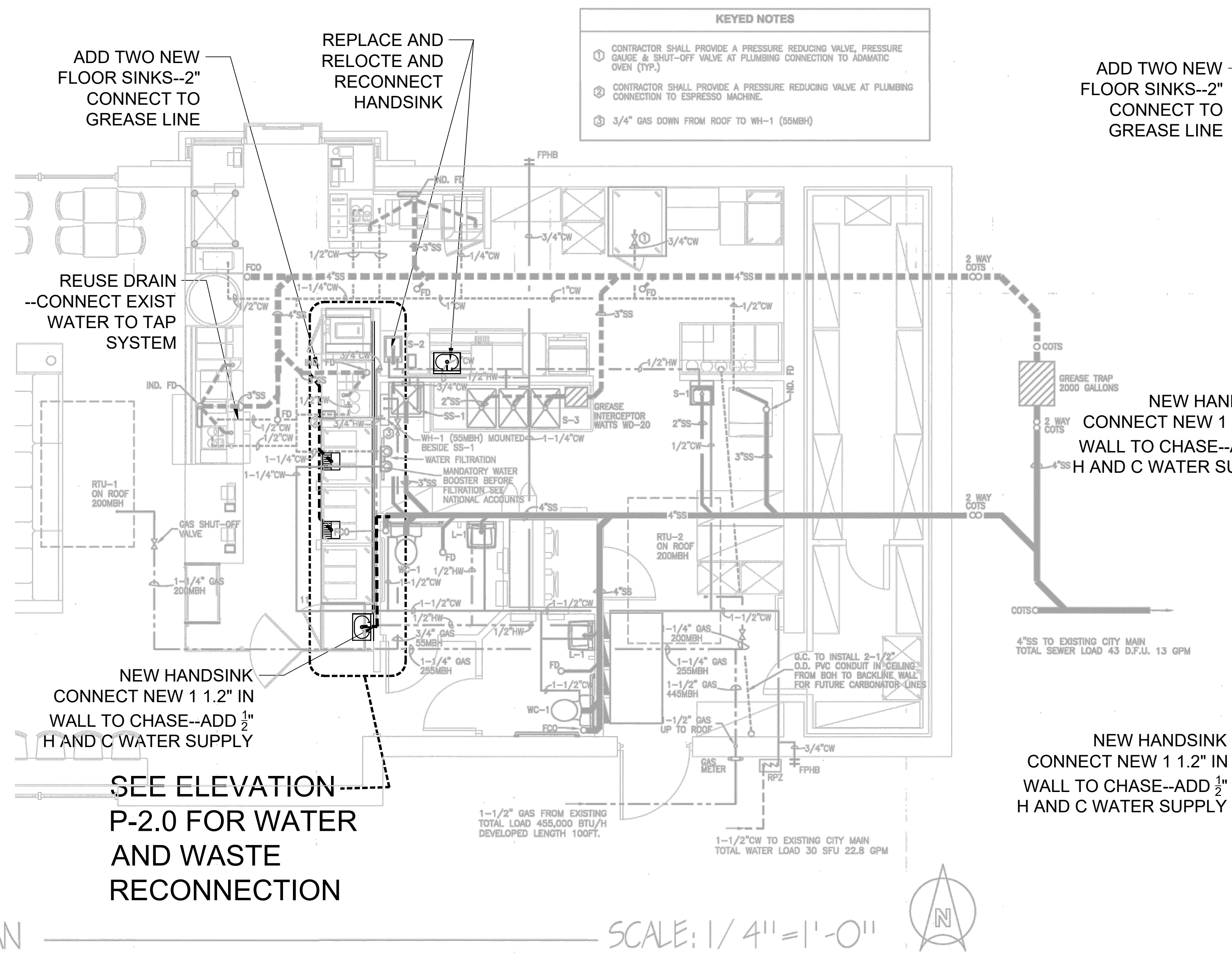
- NOTES:**
- FRANCHISEE'S ARCHITECT SHALL ENSURE 40" MINIMUM CLEAR ACCESS INTO AND THROUGHOUT THE STORE FOR DELIVERY OF LARGE EQUIPMENT ITEMS.
 - FRANCHISEE'S ARCHITECT TO VERIFY COMPLIANCE WITH APPLICABLE ADA AND CODE REQUIREMENTS FOR RESTROOM(S) AND ENTRANCE(S).
 - WINDOW(S) TO BE IN-FILLED, TINTED, OR BLOCKED OUT WITH APPROVED DBI WINDOW GRAPHICS.
 - UNSIGHTLY UTILITIES:
 TO ENHANCE THE D/T EXPERIENCE PLAN ACCORDINGLY TO EITHER REMOVE OR SCREEN WHEN POSSIBLE.
 - DEFAULT WATER FILTRATION SYSTEM SHOWN. ARCHITECT TO HAVE WATER TESTED TO VERIFY ACTUAL SYSTEM REQUIRED. BOOSTER PUMP CAN BE ELIMINATED IF INCOMING WATER PRESSURE TO THE BUILDING IS 65PSI OR HIGHER.
 - DEFAULT EQUIPMENT FOOTPRINT SHOWN. ARCHITECT TO COORDINATE WITH FRANCHISEE TO DETERMINE ACTUAL EQUIPMENT REQUIRED.

GENERAL NOTES:

- A. ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES AND AUTHORITIES HAVING JURISDICTION.
- B. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE ALL REQUIRED INSPECTIONS.
- C. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS AND TRADES.
- D. THESE DRAWINGS, AS PREPARED, ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS CONSTRUCTION OF THE PROJECT AND THE WORK OF THE TRADES WILL PERMIT. EQUIPMENT LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE EXACT LOCATIONS AND REQUIRED CLEARANCES WITH EQUIPMENT SUPPLIER AND ALL TRADES PRIOR TO INSTALLATION.
- E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE EQUIPMENT INDICATED WITHIN THESE DRAWINGS UNLESS OTHERWISE NOTED. VERIFY LOCATION AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION AND / OR INSTALLATION.
- F. ALL ROOF PENETRATIONS SHALL BE AT THE CONTRACTOR'S EXPENSE. COORDINATE WITH OWNER'S ROOFING CONTRACTOR SO AS NOT TO VOID ANY EXISTING ROOF WARRANTIES.
- G. THE ENTIRE INSTALLATION SHALL BE GUARANTEED FREE OF DEFECTS AND CONTRACTOR SHALL REPAIR AND / OR REPLACE ANY DEFECTIVE MATERIALS OR EQUIPMENT AT NO COST TO THE OWNER FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY ARCHITECT OR ENGINEER.
- H. ALL WORK SHALL BE SUBJECT TO THE ACCEPTANCE AND APPROVAL OF THE ARCHITECT AND OWNER. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE OF PROPER NOTIFICATION DOES NOT RELIEVE THE CONTRACTOR. THE CONTRACTOR SHALL CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER.
- I. ALL KITCHEN, PREP AREA AND SALES AREA EQUIPMENT WILL BE FURNISHED AND INSTALLED. EQUIPMENT WILL BE FURNISHED WITH TRIM, FAUCETS, ESCUTCHEONS, ETC. PLUMBING CONTRACTOR SHALL PROVIDE ALL ROUGH-IN TRAPS AND MAKE ALL FINAL CONNECTIONS (SEE EQUIPMENT SCHEDULE).
- J. ALL PIPING TO BE CONCEALED IN HUNG CEILINGS, CHASES AND FURRED SPACES.
- K. REFER TO EQUIPMENT SCHEDULE AND EQUIPMENT SPECIFICATIONS FOR EXACT LOCATIONS OF PLUMBING CONNECTIONS.
- L. THE CONTRACTOR SHALL VERIFY DEPTH, SIZE, LOCATION OF ALL EXISTING UTILITIES IN FIELD PRIOR TO STARTING WORK.
- M. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL PIPE HANGERS, AND SUPPORTS IN ACCORDANCE WITH THE LOCAL APPLICABLE CODES.
- N. THE CONTRACTOR TO PROVIDE TRAP PRIMERS, DEEP SEAL TRAP OR TRAP SEAL ON ALL FLOOR DRAINS AS PER APPLICABLE CODE.
- O. ALL PENETRATIONS REQUIRED FOR PLUMBING EQUIPMENT AND PIPING THROUGH ANY WALL SHALL BE PROPERLY SEALED OFF TO MAINTAIN THE INTEGRITY OF THE STRUCTURE.
- P. ALL SHUT OFF AND ISOLATION VALVES SHALL BE BALL TYPE. ALL VALVES SERVING TOILETS AND SINKS SHALL BE ANGLE STOP TYPE.
- Q. PROVIDE AN INDIVIDUAL BALL VALVE AND BACK CHECK VALVE TO EACH INDIVIDUAL PIECE OF EQUIPMENT.
- R. PROVIDE BACKFLOW PREVENTERS AT ALL COFFEE MAKERS, BAGEL OVEN, DIPPING WELLS, ICE MAKER AND ALL OTHER EQUIPMENT AS REQUIRED BY CODE.
- S. PROVIDE AERATORS ON ALL HAND SINKS AND LAVATORIES THROUGHOUT THE FACILITY.
- T. PROVIDE KEY CHEMICAL DISPENSER (SEE NATIONAL ACCOUNTS) AT MOP SINK AND THREE COMP SINK. MOUNT BOTTLE AND DISPENSER ABOVE SINK AS REQUIRED BY CHEMICAL SUPPLIER.

KEYED NOTES:

1. ROUTE AS REQUIRED TO CONNECT TO EXISTING WATER SUPPLY
2. PIPE INDIRECT DRAIN FROM TROUGH ON COUNTER AT COFFEE STATIONS TO FLOOR SINK. PROVIDE AIR GAP AS REQUIRED BY CODE.
3. PROVIDE INDIRECT DRAIN FROM ICE CUBER AND ICE BIN TO ADJACENT FLOOR SINK. CONSULT ICE MACHINE INSTRUCTION MANUAL FOR INDIRECT DRAIN REQUIREMENTS.
4. PROVIDE THERMOSTATIC MIXING VALVE AT ALL HAND SINKS AND LAVATORIES IF NOT ALREADY PROVIDED WITH THEM. SET AT 110° MAXIMUM. WATTS MODEL 1/2" LFMMV.
5. WATER FILTRATION SYSTEM. VERIFY ACTUAL LOCATION.
6. PROVIDE A PRESSURE REDUCING VALVE, PRESSURE GAUGE, AND SHUT-OFF VALVE AT PLUMBING CONNECTIONS TO OVEN.
7. PROVIDE A PRESSURE REDUCING VALVE FOR ESPRESSO MACHINE.
8. PROVIDE 0.5 GPM DOSE FLOW REGULATOR INSTALLED PER MANUFACTURER RECOMMENDATIONS
9. ROUTE 1/2" CW WATER LINES IN WALL. TRANSITION TO TYPE K COPPER PIPE. ROUTE LINES UNDERGROUND THROUGH 2" PVC PIPE TO UNDER COUNTER. TRANSITION BACK TO STANDARD COPPER PIPING AND ROUTE TO EQUIPMENT AS NECESSARY. PVC PIPE SHALL STUB UP 4" ABOVE FINISHED FLOOR. REFER TO DETAIL 2/P-2.0.
10. EXTEND NEW OR PIPING AS REQUIRED TO CONNECT TO EXISTING OR PIPING. VERIFY EXACT LOCATION, SIZE, INVERT, AND DIRECTION OF FLOW OF EXISTING PIPING IN FIELD. THERE IS AN EXTERIOR GRAVITY GREASE INTERCEPTOR ON SITE.
11. EXTEND NEW SAN PIPING AS REQUIRED TO CONNECT TO EXISTING SAN PIPING. VERIFY EXACT LOCATION, SIZE, INVERT, AND DIRECTION OF FLOW OF EXISTING PIPING IN FIELD.
12. CONTRACTOR SHALL PROVIDE SHUT-OFF VALVE AND DIRT LEG AT GAS CONNECTION TO EACH PIECE OF GAS FIRED EQUIPMENT. GAS PIPE CONNECTION TO EQUIPMENT SHALL BE FULL SIZE OF UNIT CONNECTION.



ADD TWO NEW FLOOR SINKS--2" CONNECT TO GREASE LINE

REPLACE AND RELOCATE AND RECONNECT HANDSINK

REUSE DRAIN --CONNECT EXIST WATER TO TAP SYSTEM

NEW HANDSINK CONNECT NEW 1.2" IN WALL TO CHASE--ADD 1/2" H AND C WATER SUPPLY

SEE ELEVATION P-2.0 FOR WATER AND WASTE RECONNECTION

- KEYED NOTES**
1. CONTRACTOR SHALL PROVIDE A PRESSURE REDUCING VALVE, PRESSURE GAUGE & SHUT-OFF VALVE AT PLUMBING CONNECTION TO ADAMATIC OVEN (TYP.)
 2. CONTRACTOR SHALL PROVIDE A PRESSURE REDUCING VALVE AT PLUMBING CONNECTION TO ESPRESSO MACHINE.
 3. 3/4" GAS DOWN FROM ROOF TO WH-1 (55MBH)

ADD TWO NEW FLOOR SINKS--2" CONNECT TO GREASE LINE

NEW HANDSINK CONNECT NEW 1.2" IN WALL TO CHASE--ADD 1/2" H AND C WATER SUPPLY

NEW HANDSINK CONNECT NEW 1.2" IN WALL TO CHASE--ADD 1/2" H AND C WATER SUPPLY

PLUMBING PLAN

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

EXISTING PLUMBING TO REMAIN--1/4" SCALE FOR REFERENCE ONLY

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MFR & MDL.	MATERIAL	MOUNTING	ACCESSORIES	FAUCET & FITTINGS	SUPPLY	TRAP	WASTE	WATER HOT COLD	REMARKS
WC-1	WATER CLOSET - A.D.A.	KOHLER K-4325	VITREOUS CHINA	CARRIER - WADE 310 SERIES	KOHLER K-4731-C		KOHLER K-13517	INTEGRAL	4"	1-1/2"	MOUNT AT A.D.A. HEIGHT
L-1	LAVATORY WALL MOUNT - A.D.A.	KOHLER K-2863	VITREOUS CHINA	CARRIER - WADE 510 SERIES	KOHLER K-8998	K-10269-4A	McGUIRE #8902		2"	1/2" 1/2"	MOUNT AT A.D.A. HEIGHT
S-1	WALL MOUNT SINK	UNIVERSAL EHS-IRL-WH	STAINLESS STEEL		GRID DRAIN	ELKAY LKB400	McGUIRE #8902		2"	1/2" 1/2"	
S-2	COUNTER MOUNT SINK	UNIVERSAL DD-18CBT32-RL	STAINLESS STEEL		GRID DRAIN	T&S TSB1100	McGUIRE #8902		2"	1/2" 1/2"	
S-3	TRIPLE BASIN SINK	UNIVERSAL DD-3N202B14-2024/TSB-133-B/TSB-158	STAINLESS STEEL		GRID DRAIN	CHOSEN BY OWNER	McGUIRE #8902		2"	1/2" 1/2"	
SS-1	UTILITY SINK	CRANE MSB 2424	MOLDED STONE		CRANE 832-AA DRAIN HOSE ASSEMBLY	MOLDED STONE	McGUIRE #8902		3"	1/2" 1/2"	VINYL BUMPERGUARD E-77-AA W/PE HANGER 888-CC
FD	FLOOR DRAIN	WADE 11002-STD5	CAST IRON		SATIN NICKEL BRONZE STRAINER			CAST IRON	2"		
FPFB	FREEZE PROOF HOSE BIBB	WOODFORD B65	CHROME		VACUUM BREAKER		McGUIRE #8902			3/4"	
WH-1	INSTANTANEOUS WATER HEATER	RINNAI R08E	STAINLESS STEEL				McGUIRE #8902			3/4" 3/4"	55,000 BTU/HR.

1. VERIFY ALL PLUMBING FIXTURE MANUFACTURERS AND MODELS WITH OWNER PRIOR TO INSTALLATION.
2. PROVIDE PROSET TRAPGUARD ON ALL FLOOR DRAINS. TRAP GUARD MUST CONFORM TO NSF 14, CSA B602-99, CSA B79-94.

PIPING LEGEND

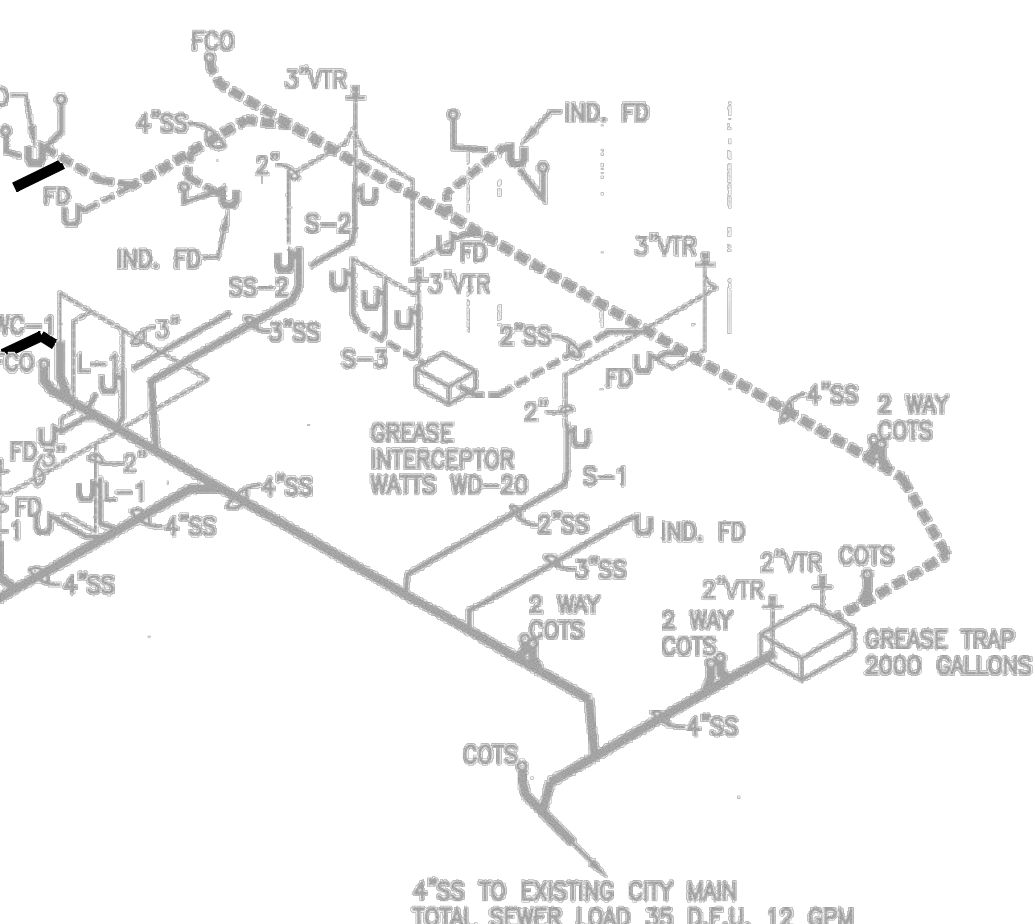
CITY WATER	— CW —
DOMESTIC HOT WATER	— HW —
SANITARY SEWER	— SS —
SANITARY SEWER VENT	— SV —
GAS	— G —

GAS LOAD SCHEDULE

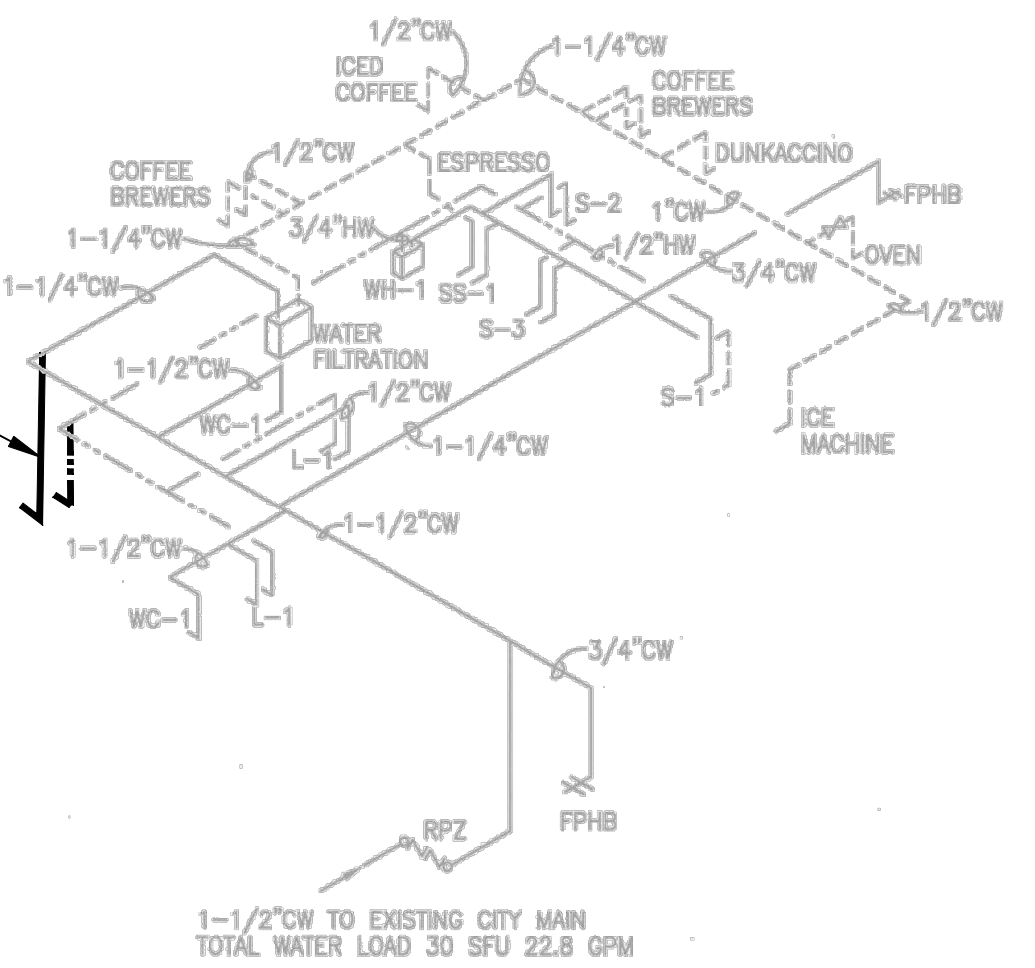
FIXTURE	MBTU/H
WH-1	55,000
RTU-1	200,000
RTU-2	200,000
TOTAL LOAD	455,000

PLUMBING SYMBOL LEGEND

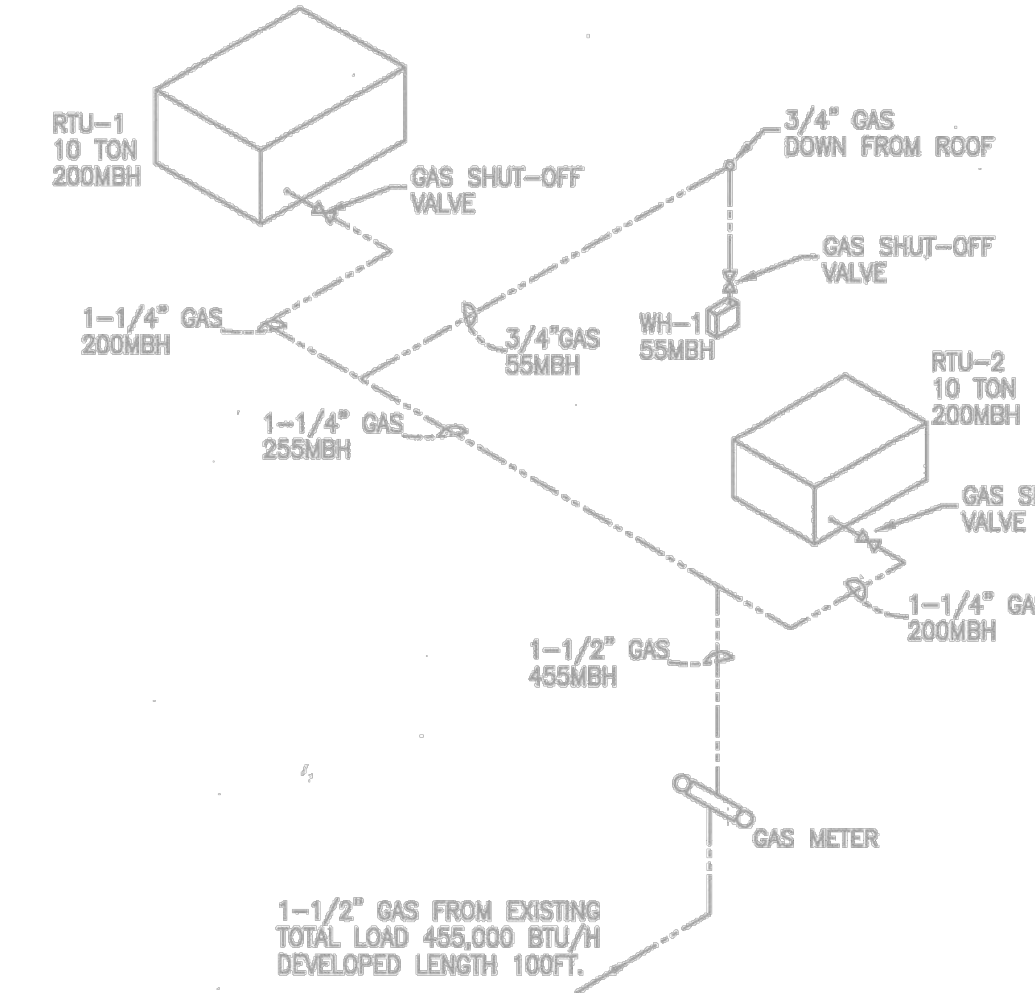
—	90° ELBOW (SHORT RADIUS)
—	TEE
—	VALVE (BALL TYPE UNLESS OTHERWISE INDICATED)
—	SWING CHECK VALVE
—	WATER CLOSET
—	URINAL
—	WALL MOUNTED LAVATORY
—	WALL MOUNTED SINK
—	COUNTER MOUNTED SINK
—	ELECTRIC WATER COOLER
FD	FLOOR DRAIN
—	HOSE BIB



1 SANITARY SEWER RISER
SCALE: NONE



2 CITY WATER RISER
SCALE: NONE



3 GAS RISER
SCALE: NONE

* REFER TO REQ 1 & 1-15 FOR REVISED PLAN INFORMATION

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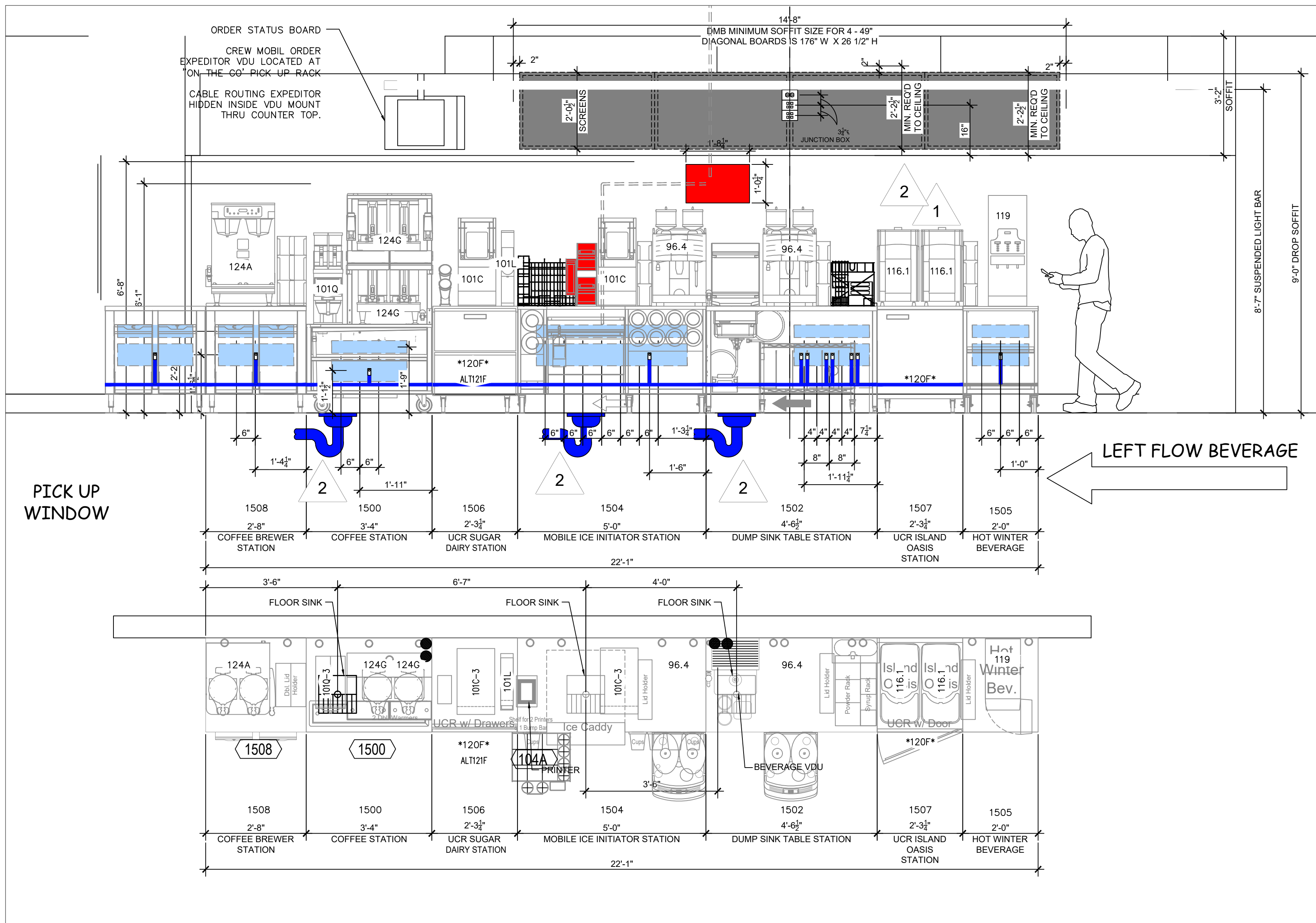
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ISSUED / REVISED
DATE 03.01.19

PLUMBING SANITARY AND WATER PLANS

P-1.0



PLUMBING CONNECTION PLAN ANDELEVATION

SCALE 1/4"=1'-0"

PLUMBING GENERAL NOTES		
GENERAL REQUIREMENTS:		
1. SCOPE: PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK IN ACCORDANCE WITH ALL APPLICABLE CODES.	7. DOMESTIC WATER PIPING INSULATION, JACKETS, COVERINGS, SEALERS, MASTICS AND ADHESIVES ARE REQUIRED TO MEET A FLAME-SPREAD RATING OF 25 OR LESS AND A SMOKE-DEVELOPED RATING OF 50 OR LESS, AS TESTED BY ASTM E84 (NFPA 255) METHOD.	
2. PERMITS: APPLY FOR AND PAY FOR ALL NECESSARY PERMITS, FEES, AND INSPECTIONS REQUIRED BY ANY PUBLIC AUTHORITY HAVING JURISDICTION.	8. DO NOT INSTALL DOMESTIC WATER PIPING IN AREAS SUBJECT TO FREEZING TEMPERATURES. INSTALL WATER PIPING IN EXTERIOR WALLS ON THE CONDITIONED SIDE OF THE WALL INSULATION.	
3. WARRANTY: PROVIDE ALL MATERIALS AND EQUIPMENT UNDER THIS SECTION OF THE SPECIFICATIONS WITH A ONE YEAR WARRANTY FROM THE DATE OF ACCEPTANCE OF WORK BY THE OWNER.	9. SHUT OFF VALVES: PROVIDE FULL PORT, BALL TYPE, AND INSTALL IN A LOCATION THAT PERMITS ACCESS FOR SERVICE WITHOUT DAMAGE TO THE BUILDING OR FINISHED MATERIALS. PROVIDE ACCESS DOORS IF REQUIRED.	
4. COORDINATION: VERIFY ALL ROUGH-IN LOCATIONS AND COORDINATE PIPING AND EQUIPMENT LOCATIONS WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID CONFLICTS. CONTRACTOR MUST COORDINATE WITH OTHER TRADES FOR ALL STRUCTURES, PIPING, CONDUIT, DUCTWORK, LIGHTING, ETC. TO PROPERLY BE INSTALLED. ANY CONFLICTS SHALL BE RESOLVED AT NO CHARGE TO THE OWNER. COORDINATE INSTALLATION OF ALL PLUMBING LINES AT CMU WALLS SO THAT PLUMBING LINES ARE PLACED IN WALL DURING CMU WALL CONSTRUCTION CUTTING AND PATCHING OF CMU WALLS IN PLACE WILL NOT BE PERMITTED.	10. PROTECT COPPER PIPING AGAINST CONTACT WITH DISSIMILAR METALS. ALL HANGERS, SUPPORTS, ANCHORS, AND CLIPS SHALL BE COPPER OR COPPER PLATED. WHERE COPPER PIPING IS CARRIED ON IRON TRAPZEE HANGERS WITH OTHER PIPING, PROVIDE A PERMANENT ELECTROLYTIC ISOLATION MATERIAL TO PREVENT CONTACT WITH OTHER METALS.	
5. FIELD VERIFICATION: FIELD VERIFY EXISTING CONDITIONS BEFORE STARTING CONSTRUCTION AND NOTIFY THE ARCHITECT/ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS AND/OR ANY POTENTIAL PROBLEMS OBSERVED BEFORE CONTINUING WORK IN THE EFFECTED AREAS.	11. PROTECT COPPER PIPING AGAINST CONTACT WITH ALL MASONRY. WHERE COPPER IS SLEEVED THROUGH MASONRY, PROVIDE COPPER OR RED BRASS SLEEVES. WHERE COPPER MUST BE CONCEALED IN OR AGAINST MASONRY PARTITIONS, PROVIDE A HEAVY COATING OF ASPHALTIC ENAMEL ON THE COPPER PIPING AND 15# ASPHALT SATURATED FELT BETWEEN THE PIPING AND THE MASONRY PARTITION.	
6. PLUMBING SYSTEMS INCLUDE, BUT ARE NOT LIMITED TO: - PLUMBING FIXTURES AND EQUIPMENT - FIRE STOPPING - DOMESTIC WATER SYSTEM - SANITARY WASTE AND VENT SYSTEM	SANITARY WASTE AND VENT PIPING:	
FIXTURES:	1. FURNISH AND INSTALL COMPLETE SYSTEMS OF SOL, WASTE, AND VENT PIPING FROM ALL PLUMBING FIXTURES, AND/OR OTHER EQUIPMENT. ALL SOL, WASTE AND VENT LINES SHALL BE CONCEALED IN THE BUILDING CONSTRUCTION WHERE POSSIBLE.	
1. PROVIDE COMPLETE FIXTURES AND INCLUDE SUPPLIES, STOPS, VALVES, FAUCETS, DRAINS, TRAPS, TAIL PIECES, ESCUTCHEONS, ETC.	2. INVERT ELEVATIONS SHALL BE ESTABLISHED AND VERIFIED BEFORE WASTE PIPING IS INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED.	
FIRE STOPPING:	3. IF PERMITTED BY LOCAL CODES, SANITARY WASTE AND VENT PIPING AND FITTINGS SHALL BE SCHEDULE 40 PVC (ASTM D 2865) WITH SCHEDULE 40 SOCKET-TYPE PIPE FITTINGS (ASTM D 3311). ONLY IF PVC IS NOT ALLOWED, THEN SANITARY WASTE AND VENT PIPING AND FITTINGS SHALL BE SERVICE WEIGHT CAST IRON, HUB AND SPIGOT TYPE WITH COMPRESSION JOINTS (ASTM A 74) OR NO-HUB PIPING WITH COUPLINGS (CSPI 301).	
1. FIRE STOP ALL PENETRATIONS, BY PIPING OR CONDUITS, OF FIRE RATED WALLS, FLOORS AND PARTITIONS. PROVIDE A DEVICE(S) OR SYSTEM(S) WHICH HAS BEEN TESTED AND LISTED AS COMPLYING WITH ASTM E-814 AND INSTALL IN ACCORDANCE WITH THE CONDITIONS OF THEIR LISTING. PROVIDE A DEVICE(S) OR SYSTEM(S) WITH AN 'F' RATING EQUAL TO THE RATING OF THE ASSEMBLY BEING PENETRATED.	4. SLOPE SANITARY WASTE PIPING 2" AND SMALLER AT 1" PER FOOT MIN. SLOPE SANITARY WASTE PIPING 3" AND LARGER AT 1/8" PER FOOT MINIMUM.	
DOMESTIC WATER PIPING:	5. WHERE WASTE PIPING IS EXPOSED IN REST ROOM AREAS, PROVIDE CHROME PLATED BRASS PIPING, WITH MATCHING STOPS AND ESCUTCHEONS. PROVIDE REMOVABLE TRAPS WITH INTEGRAL CLEAN-OUT PLUG FOR ALL LAVATORIES.	
1. FURNISH AND INSTALL A COMPLETE SYSTEM OF HOT AND COLD WATER, AND WASTE PIPING FROM EXISTING SUPPLIES TO ALL FIXTURES AND/OR EQUIPMENT REQUIRING THIS SERVICE. VERIFY LOCATION OF BEGINNING POINTS.	6. INSTALL CLEAN-OUTS IN A LOCATION THAT PERMITS ACCESS FOR SERVICE WITHOUT DAMAGE TO THE BUILDING OR FINISHED MATERIALS. CLEANOUT PLUGS SHALL BE INSTALLED IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS AT EACH CHANGE IN DIRECTION.	
2. DOMESTIC WATER PIPING BELOW GRADE: SOFT ANNEALED SEAMLESS COPPER TUBING, TYPE 'K' WITH NO JOINTS BELOW GRADE (ASTM B 88).	SEISMIC REQUIREMENTS:	
3. DOMESTIC WATER PIPING AND JOINTS ABOVE GRADE: HARD DRAWN SEAMLESS COPPER TUBING, TYPE 'L' WITH 95-5 SILVER SOLDERED JOINTS (ASTM B 88).	1. PROPERLY SUPPORT AND BRACE VERTICALLY AND HORIZONTALLY ALL PIPING, APPARATUS, EQUIPMENT, ETC. IN ACCORDANCE WITH APPLICABLE CODES TO PREVENT EXCESSIVE MOVEMENT DURING SEISMIC CONDITIONS.	
4. STERILIZE DOMESTIC WATER PIPING IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION'S SPECIFICATIONS AND LOCAL HEALTH DEPARTMENT REGULATIONS.	BACKFLOW PREVENTION:	
5. INSULATE DOMESTIC WATER PIPING ABOVE GRADE (EXCEPT EXPOSED CONNECTIONS TO PLUMBING FIXTURES) WITH ENGINEERED POLYMER FOAM INSULATION OR FIBERGLASS WITH FITTING INSERTS AND PVC COVERS. FOLLOW THIS SCHEDULE:	1. VERIFY BACKFLOW PREVENTOR REQUIREMENTS OF LOCAL AUTHORITY AND PROVIDE BACKFLOW PREVENTION DEVICES AS REQUIRED. COORDINATE LOCATION WITH OTHER TRADES.	
6. SERVICE	PIPE SIZE	INS. THICKNESS
DOMESTIC HOT WATER (105-140F)	1" - 1 1/2"	1"
DOMESTIC HOT WATER CIRCULATION	ALL	1"
DOMESTIC COLD WATER	ALL	1"

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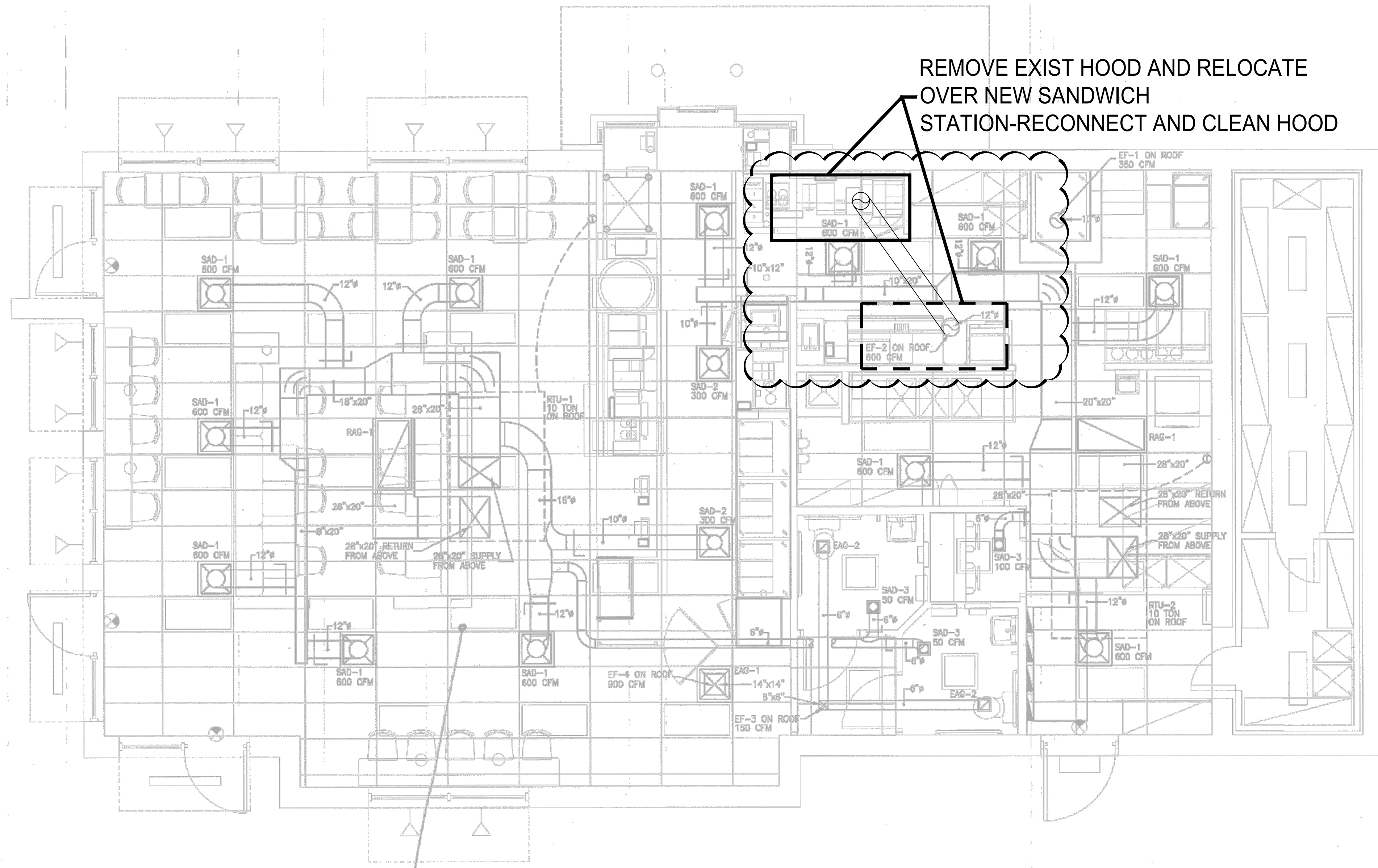
Store Number: 350624
dunkin' brands™
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DATE: 05.03.19
ISSUED/REVISED FOR PERMIT
PLUMBING SANITARY AND WATER PLANS

EQUIPMENT SCHEDULE					PLUMBING			ELECTRICAL					
ITEM NO	QTY	DESCRIPTION	MANUFACTURER	MODEL NO	REMARKS	WATER		WASTE		LOAD			
						HW	CW	FCW	DIR	IND	REMARKS	VOLTS	AMPS
96.4	2	COFFEE ART TOUCH ESPRESSO MACHINE	SCHAERER	040381-00022EUS				3/8"	1"	PROVIDE PRESSURE REDUCING VALVE & WATER SHUT-OFF VALVE w/ 3/8" COMPRESSION FITTING	208V	30A	30A/2P
98	0	ESPRESSO MACHINE	SCHAERER	03.5500.8033				1/2"	1"	DED. BALL VALVE w/ FLEX CONNECTION TO MACHINE	208V	30A	30A/2P
119	1	HOT WINTER BEVERAGE MACHINE	BUNN-O-MATIC	38600.0057				1/4"		20-90 PSI. -- 1/4" MALE FLARE FITTING	120/240	21.7	30A/2P
	0	HOT WINTER BEVERAGE MACHINE	-	-				1/4"		20-90 PSI. -- 1/4" MALE FLARE FITTING	208/240		
108A	108A-1	0	HOT WINTER BEVERAGE MACHINE	BUNN-O-MATIC	43700.0003			1/4"		20-90 PSI. -- 1/4" MALE FLARE FITTING	120/240	21.7	30A/2P
	108A-2	0	HOT WINTER BEVERAGE MACHINE	CECILWARE	GB5M5.5-IT-U-DB			1/4"		20-90 PSI. -- 1/4" MALE FLARE FITTING	208/240		
116.1	2	MAGNABLEND BLENDER / ISLAND OASIS	TAYLOR	SB2412-WDD				3/8"	1"		115V	10	15A
ALT 121F	0	2 DRAWER U/C REFRIGERATOR	SILVER KING	SKR27AD/C11							115V	2.7	15A/1P
124A	1	TWIN SH BREWER	BUNN-O-MATIC	51200.0106				3/8"		20-90 PSI. -- 3/8" MALE FLARE FITTING	120/208	38.5	50A/2P
124B-1	2	1.0 GAL SH SERVER	BUNN-O-MATIC	27850.0210				1/2"	1"	FCW CONNECTION TO SPRAYER			
1502	1	DUMP SINK TABLE STATION	FRANKE					1/2"	1"	FCW CONNECTION TO SPRAYER			

P-2.0

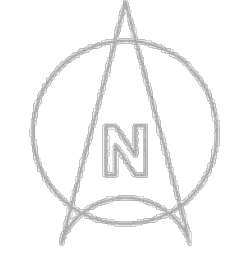


REMOVE EXIST HOOD AND RELOCATE
 OVER NEW SANDWICH
 STATION-RECONNECT AND CLEAN HOOD

* EXPOSED CIG. IN LOBBY/MSJ AREA
 MODIFY HVAC FOR OWNER

MECHANICAL PLAN

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



EXISTING HVAC PLAN FOR REFERENCE

10/15/2022

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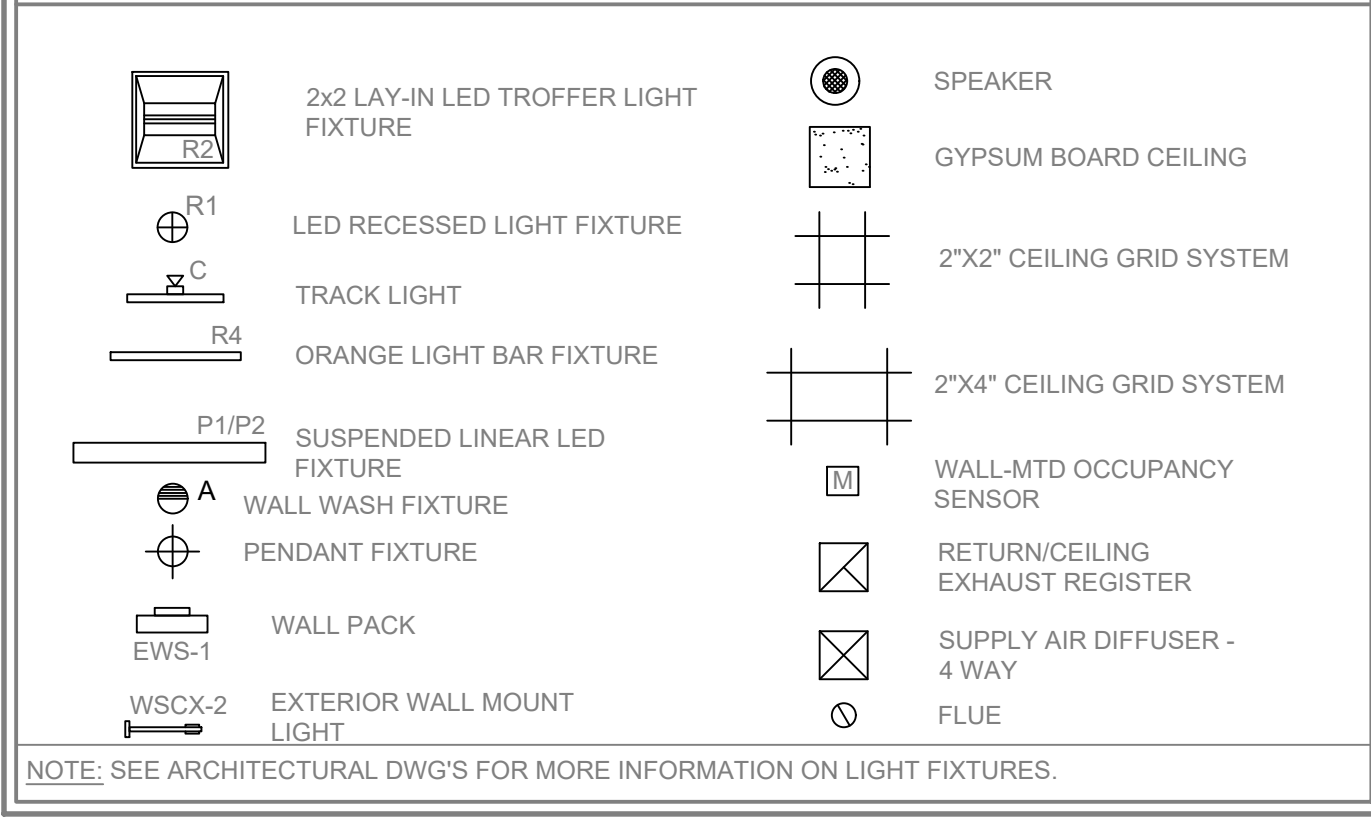
ISSUED / REVISED	DATE
ISSUED FOR PERMIT	08.08.19

HVAC FLOOR PLAN,

M-1.0

20 of 40 / 1/12 9/8/12

CEILING LEGEND:



NOTE: SEE ARCHITECTURAL DWG'S FOR MORE INFORMATION ON LIGHT FIXTURES.

LIGHTING SCHEDULE - VILLA LIGHTING			
CODE	DESCRIPTION	MANUFACTURER	PRODUCT
A	WALL WASH FIXTURE. TO BE USED AT ARTWORK AND UPO SIGN	CORTTECH	RL20643-35K-13-D/CTR200CLR.P
B	TRACK LIGHT HEAD USED IN WALL WASH WORK AND WARE	HUNN	ETW9-3056-B
C	CLEAR 8\"/>		

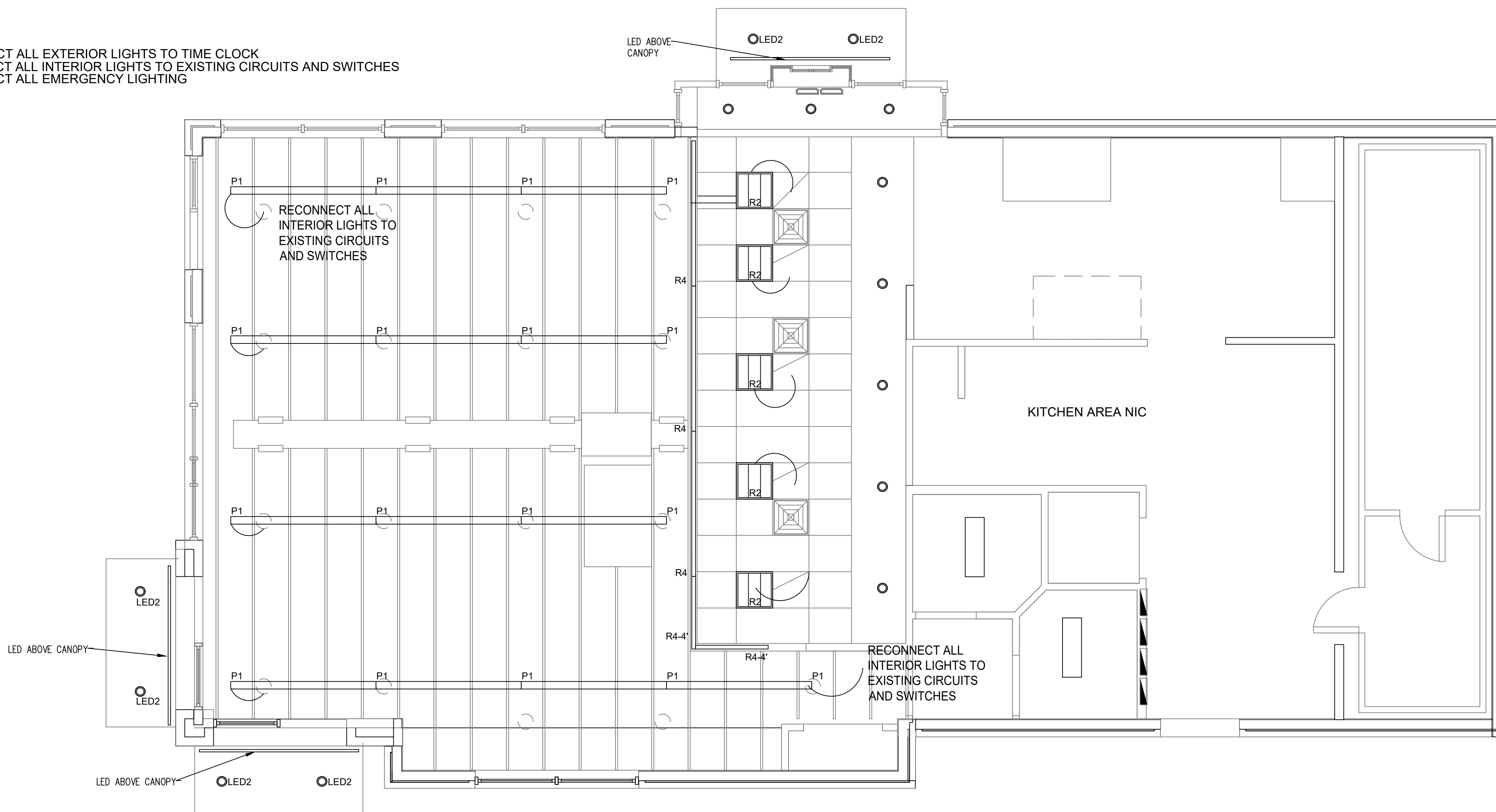
LIGHTING SCHEDULE NOTES

- PROVIDE ALL FIXTURES COMPLETE WITH LAMPS. REF. NATIONAL ACCOUNT SOURCE INFO FOR LAMP SPECS & VILLA LIGHTING REPLACING PROGRAM.
- ALL BALLASTS SHALL BE HIGH POWER FACTOR.
- PROVIDE HOLD-DOWN CLIPS FOR EACH CORNER OF FLUORESCENT GRID TROFFERS.
- COORDINATE AND VERIFY ALL FIXTURE INFORMATION, TYPES AND FINAL LOCATIONS WITH THE REFLECTED CEILING PLAN. LAMPS SHALL BE AS MANUFACTURED BY Sylvania, Westinghouse, General Electric or APPROVED EQUAL.

GENERAL NOTES:

- ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES AND AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE ALL REQUIRED INSPECTIONS.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS AND TRADES.
- THESE DRAWINGS, AS PREPARED, ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS CONSTRUCTION OF THE PROJECT AND THE WORK OF THE TRADES WILL PERMIT. EQUIPMENT LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE EXACT LOCATIONS AND REQUIRED CLEARANCES WITH EQUIPMENT SUPPLIER AND ALL TRADES PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE EQUIPMENT INDICATED WITHIN THESE DRAWINGS UNLESS OTHERWISE NOTED. VERIFY LOCATION AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION AND / OR INSTALLATION.
- ALL ROOF PENETRATIONS SHALL BE AT THE CONTRACTOR'S EXPENSE. COORDINATE WITH OWNER'S ROOFING CONTRACTOR SO AS NOT TO VOID ANY EXISTING ROOF WARRANTIES.
- THE ENTIRE INSTALLATION SHALL BE GUARANTEED FREE OF DEFECTS AND CONTRACTOR SHALL REPAIR AND / OR REPLACE ANY DEFECTIVE MATERIALS OR EQUIPMENT AT NO COST TO THE OWNER FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY ARCHITECT OR ENGINEER.
- ALL WORK SHALL BE SUBJECT TO THE ACCEPTANCE AND APPROVAL OF THE ARCHITECT AND OWNER. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE OF PROPER NOTIFICATION DOES NOT RELIEVE THE CONTRACTOR. THE CONTRACTOR SHALL CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER.
- COORDINATE ALL EQUIPMENT UTILITY INFORMATION SHOWN ON THIS SHEET WITH THE DUNKIN' BRANDS EQUIPMENT SCHEDULE AND EQUIPMENT MANUFACTURER'S CUT SHEETS.
- ALL EXTERIOR LIGHTS TO BE TIMECLOCK CONTROLLED.
- ALL 15 AND 20 AMP, 120 VOLT RECEPTACLES IN KITCHEN AND PREP AREAS SHALL BE GFI TYPE.
- ALL JUNCTION BOXES SHOWN ON THIS PLAN ARE TO BE INSTALLED ABOVE THE FINISHED CEILING.
- ALL EMERGENCY AND EXIT FIXTURES SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING. PROVIDE ADDITIONAL FIXTURES AS NEEDED TO MEET THE CODE REQUIREMENTS PER LOCAL REQUIREMENTS.
- PROVIDE WOOD BLOCKING BEHIND ALL EXTERIOR LIGHTING FIXTURES COORDINATE WITH GENERAL CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE LATEST KITCHEN PLANS AND EQUIPMENT CUTS SHEETS FOR PROPER EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS PRIOR TO STARTING WORK.

RECONNECT ALL EXTERIOR LIGHTS TO TIME CLOCK
RECONNECT ALL INTERIOR LIGHTS TO EXISTING CIRCUITS AND SWITCHES
RECONNECT ALL EMERGENCY LIGHTING



- NOTES:
- ALL EXIT, NIGHT LIGHT AND EMERGENCY LIGHT FIXTURES SHALL BE CIRCUITED TO AN UNSWITCHED LEG OF THE NEAREST LOCAL LIGHTING CIRCUIT.
 - MINIMUM OF 50 FOOT CANDLES SHALL BE PROVIDED AT SURFACES OF ALL FOOD WASHING AND FOOD PREPARATION AREAS.
 - MINIMUM OF 20 FOOT CANDLES IS BEING PROVIDED IN ALL OTHER AREAS.
 - ALL LIGHT BULBS IN LIGHT FIXTURES IN KITCHEN, DINING ROOM ARE SHIELDED USING CLEAR PRISMATIC LENS IN THE LIGHT FIXTURE OR HAVE SHATTER PROOF LED BULB.
 - LIGHT SWITCHES SHALL BE COMPATIBLE WITH AND MATCH CHARACTERISTICS OF LIGHTS BEING SERVED. PROVIDE LOW VOLTAGE WIRING AND/OR POWER PAKS AS NECESSARY FOR LIGHT FIXTURES TO BE CONTROLLED BY 0-10V DIMMING.

LIGHT FIXTURE MOUNTING NOTE:
BOTTOM OF LIGHT FIXTURES P1, P3 AND R4 SHALL BE AT 9'-6"

LIGHTING NOTE:
KITCHEN WORK SURFACES WHERE FOOD IS PREPARED AND UTENSILS WASHED SHALL HAVE MINIMUM 50 FOOT CANDLES OF LIGHTING AT WORK SURFACE (36" A.F.F.).

CARBON MONOXIDE MONITORING:
PROVIDE A MEANS OF MONITORING AND ALARMING THE OCCUPANTS UPON THE PRESENCE OF CARBON MONOXIDE (CO). THE MEANS OF DETECTION SHALL BE LOCATED NEAR EQUIPMENT THAT PRODUCES PRODUCT OF COMBUSTION. LOCATIONS SHALL INCLUDE BUT NOT BE LIMITED TO; GAS FIRED OVENS, GAS FIRED WATER HEATERS, GAS FIRED FURNACES, ETC.

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brands™

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10/15/2022

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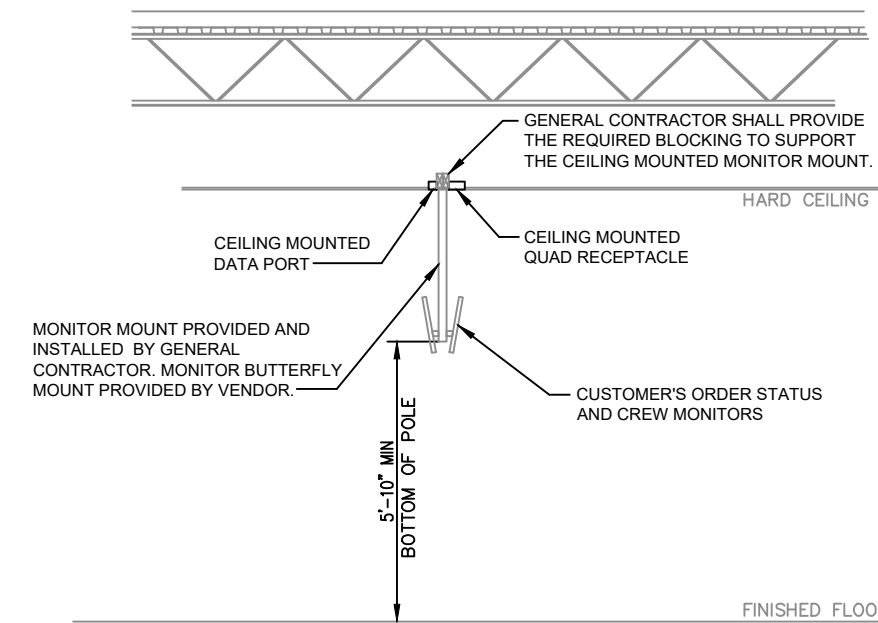
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601.940.6914

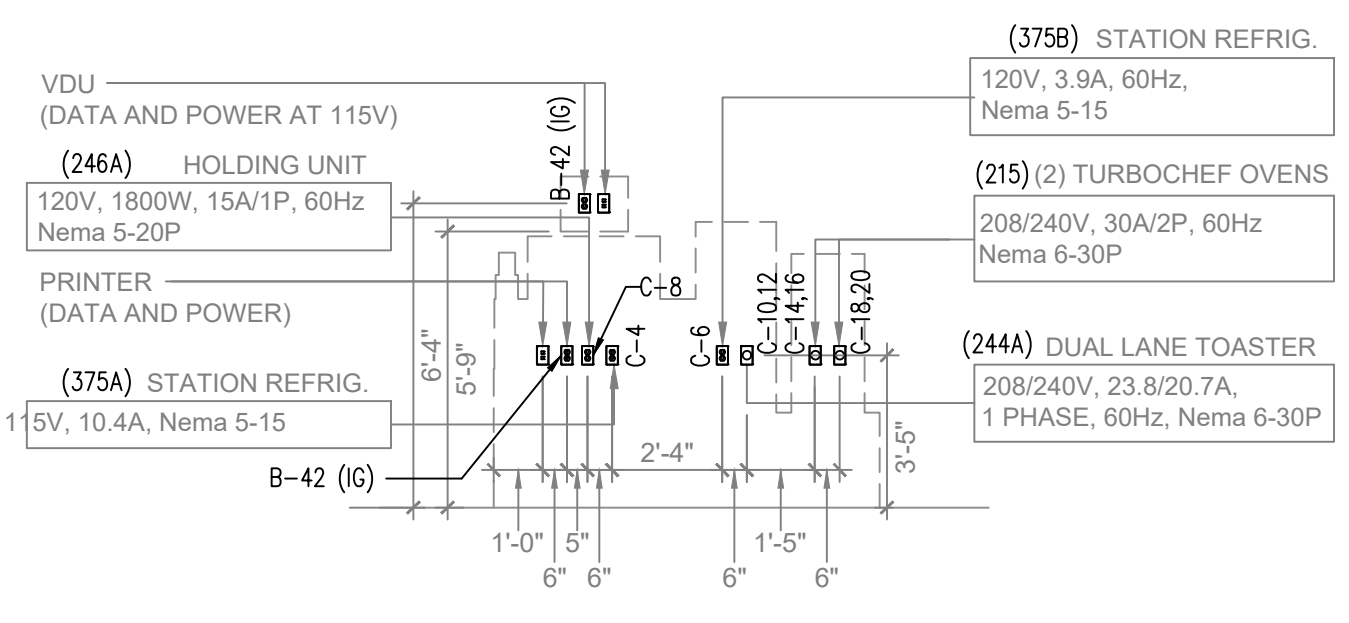
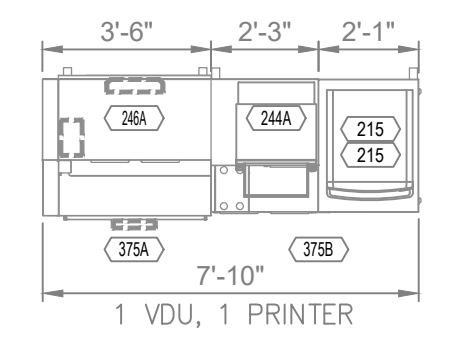
ISSUED / REVISED / ISSUED FOR PERMIT

DATE 09.01.19

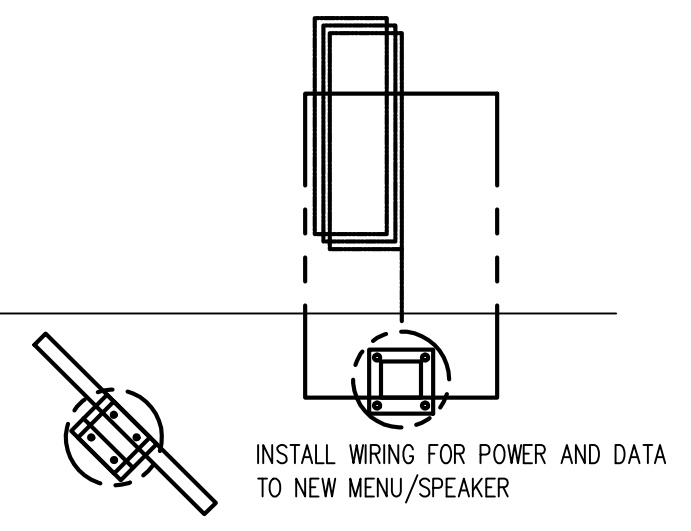
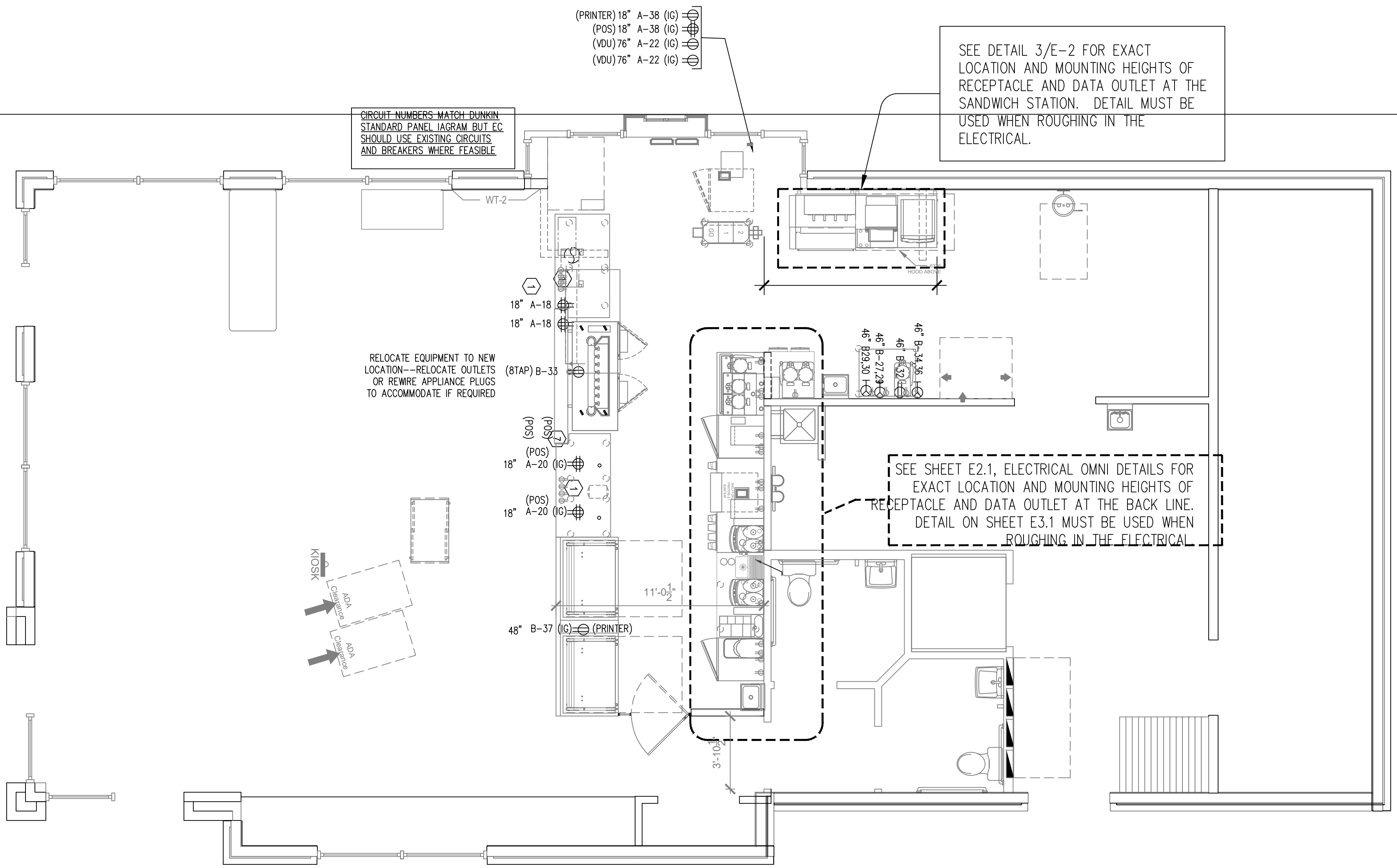
ELECTRICAL LIGHTING PLAN



4 VIDEO HANGING BRACKET
E-2 SCALE: NONE



3 7'-10" SANDWICH STATION ELEVATION
E-2 SCALE: 1/4"=1'-0"



KEYED NOTES:

- SEE POS AND COMMUNICATIONS. PLAN FOR FURTHER INFORMATION REGARDING POS AND UNDER COUNTER ELECTRICAL SERVICE.
- CONTRACTOR SHALL PROVIDE POWER AND NECESSARY WIRING FOR THE HOOD CONTROL PANEL. SEE THE CAPTIVE AIRE-DRAWINGS FOR WIRING REQUIREMENTS.
- CONTROL RELAY PANEL--SEE LIGHTING PLAN FOR SCHEDULE AND CONTROL DETAIL-DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE JUNCTION BOXES AT TOILETS, SINKS AND OPTIONAL URINAL IF ALTERNATE "HANDS FREE" TOILET FIXTURES ARE BEING PROVIDED.
- REFER TO POS COMMUNICATIONS FLOOR PLAN FOR LOCATIONS AND ELEVATIONS OF OFFICE RECEPTACLES.
- SINGLE POINT CONNECTION FOR WALK-IN FREEZER AND REFRIGERATOR--THE CONTRACTOR SHALL CONFIRM ELECTRICAL REQUIREMENTS AND MEANS OF DISCONNECT OF THE ROOF MOUNTED CONDENSING UNITS AND EVAPORATOR UNITS LOGGATED WITHIN THE BOXES. ALSO, PROVIDE ELECTRICAL CONNECTION OF DOOR HEATER, CONDENSATE DRAIN AND HEAT TRACE TAPE.
- MOUNT RECEPTACLES FOR FRONTLINE BEVERAGE DISPENSER AND BAKERY DISPLAY CASES IN MILL WORK AS REQUIRED. PROVIDE FLEXIBLE CONDUIT WHIP FOR FINAL INSTALLATION AFTER MILL WORK IS INSTALLED. COORDINATE AS REQUIRED.
- CIRCUIT SHALL BE CIRCUITED AND CONTROLLED WITH LIGHTING IN THIS AREA.
- INSTALL UNDER COUNTER CABLE MANAGEMENT SYSTEM, WIRE MOLD UTCM5 OR EQUAL. COORDINATE WITH TABLE SUPPLIER FOR EXACT MOUNTING REQUIREMENTS.

COORDINATE WITH ARCHITECT TO CONFIRM COLOR OF RECEPTACLES PRIOR TO ORDERING.

RECEPTACLES TAGGED WITH "USB" IN THE SALES & SEATING AREAS SHALL BE HUBBELL #USB15X2W (WHITE) / NP26W (WHITE) COMBO USB CHARGER WITH TAMPER-RESISTANT RECEPTACLE.

SEATING AREA RECEPTACLES SHALL BE WHITE WITH WHITE COVER PLATE AND ARE TO BE MOUNTED AT 18" AFF.

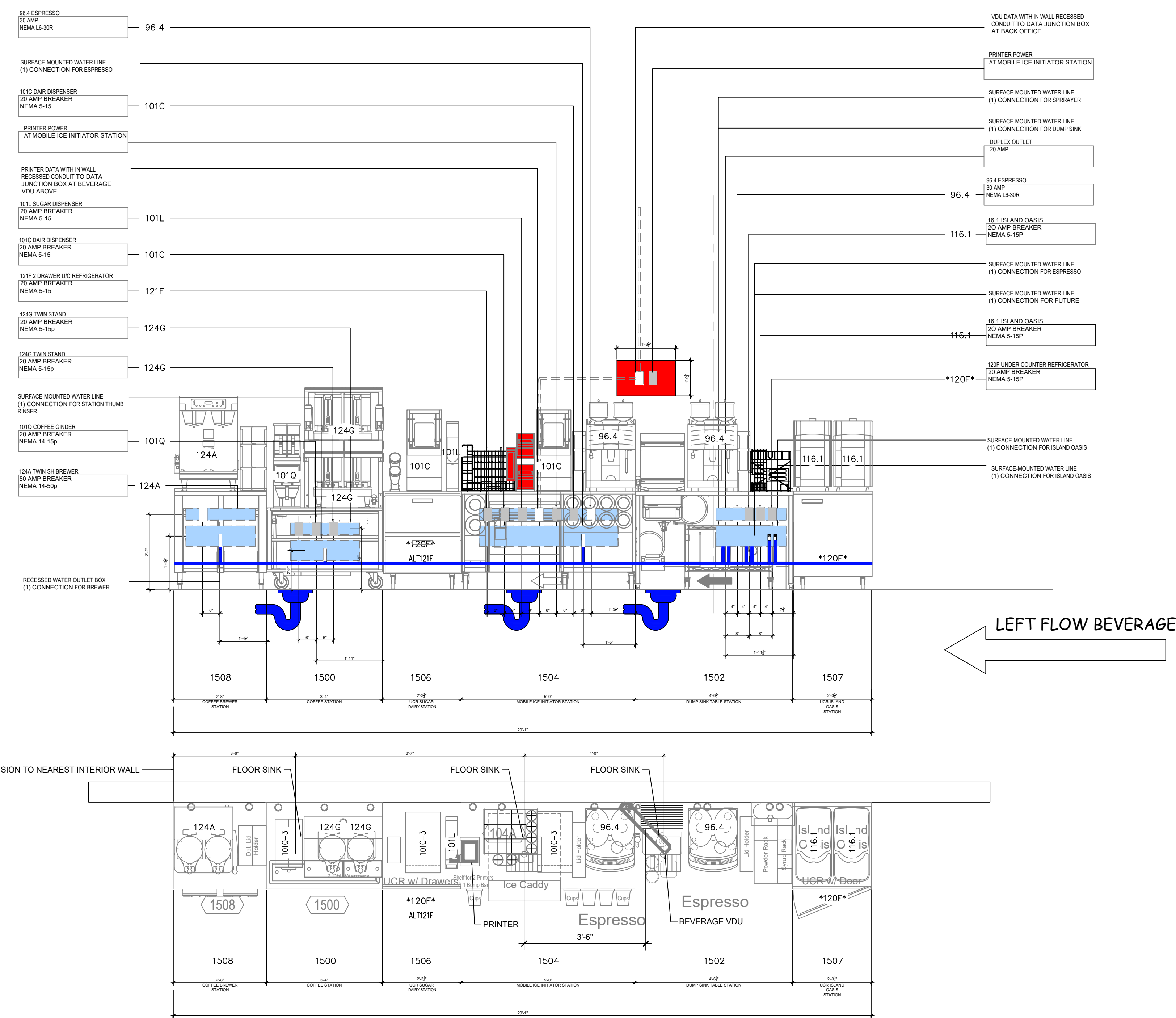
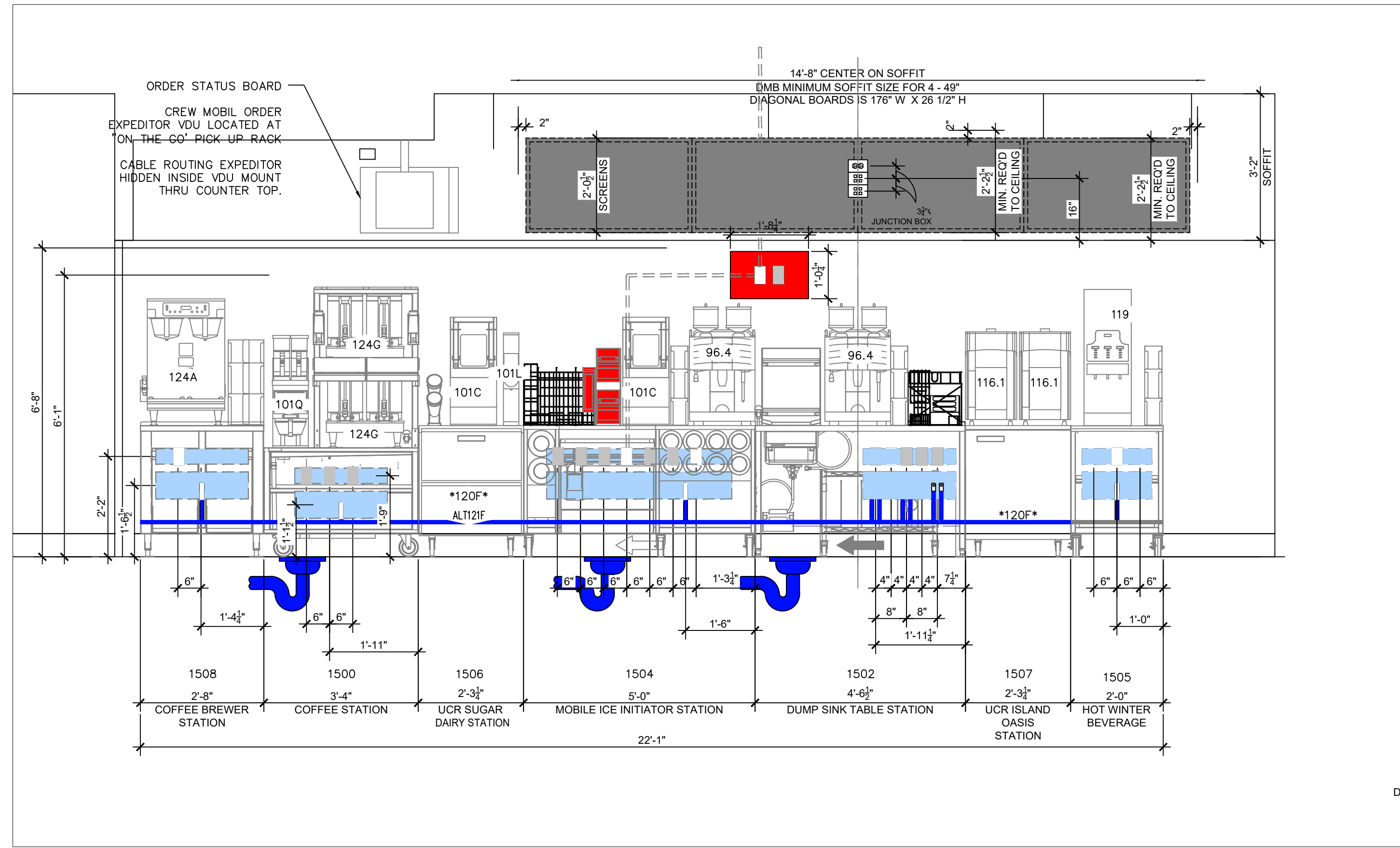
POWER DEVICE LEGEND:

	DUPLEX RECEPTACLE, 20A, 120V
	QUAD RECEPTACLE, 20A, 120V
	SPECIAL RECEPTACLE, VOLTAGE AND AMPERAGE BASED ON CONNECTED CIRCUIT
	JUNCTION BOX
	DISCONNECT SWITCH - FUSED OR UNFUSED

1 ELECTRICAL POWER PLAN
E-2 SCALE: 1/4"=1'-0"

GFI NOTE:
ALL 15 AND 20 AMP, 125 VOLT RECEPTACLES LOCATED IN THE KITCHEN, SERVING AND SALES AREA SHALL BE GFI RATED.

REFER TO EXISTING ELECTRICAL SHEETS AND VISIT SITE

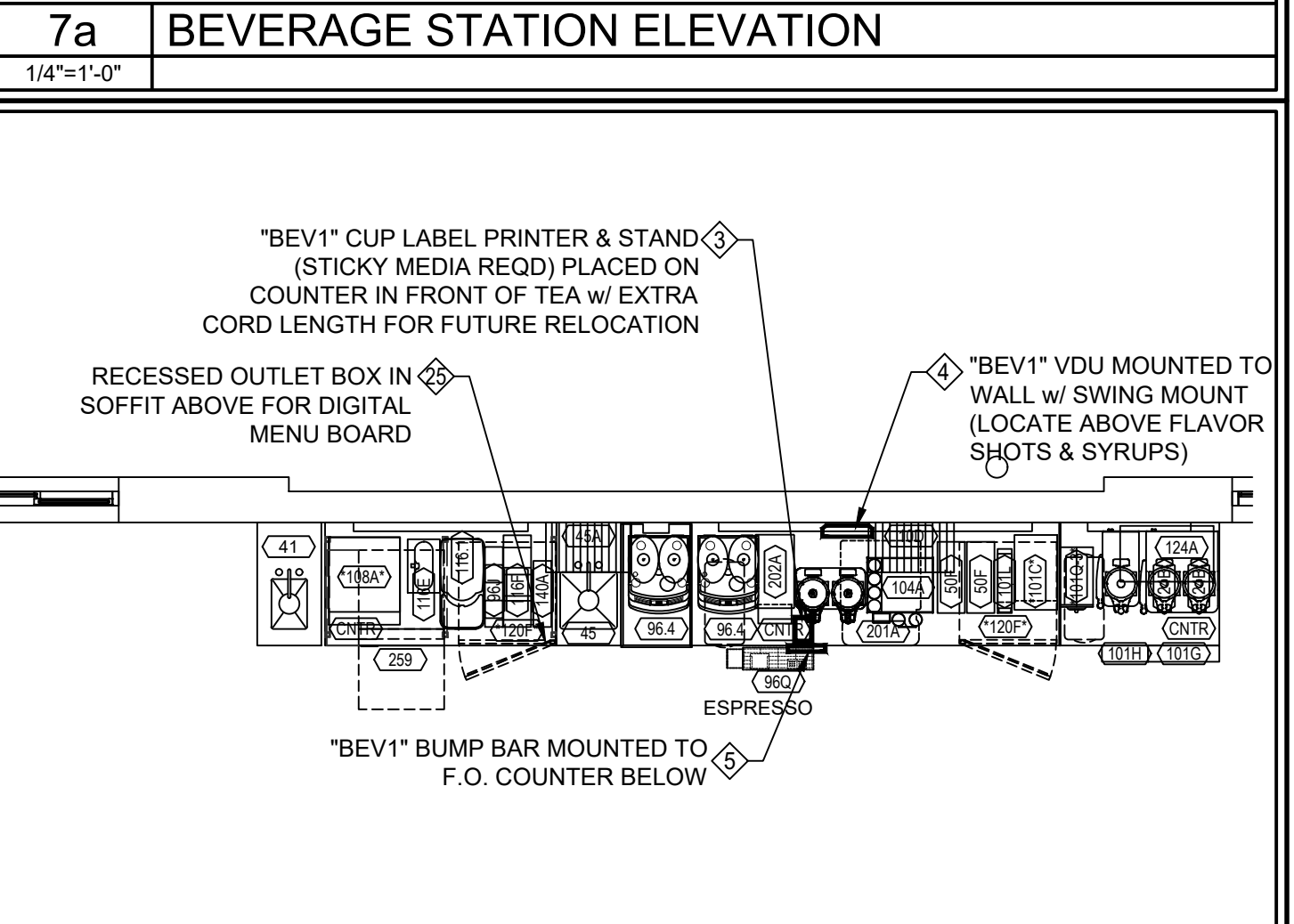
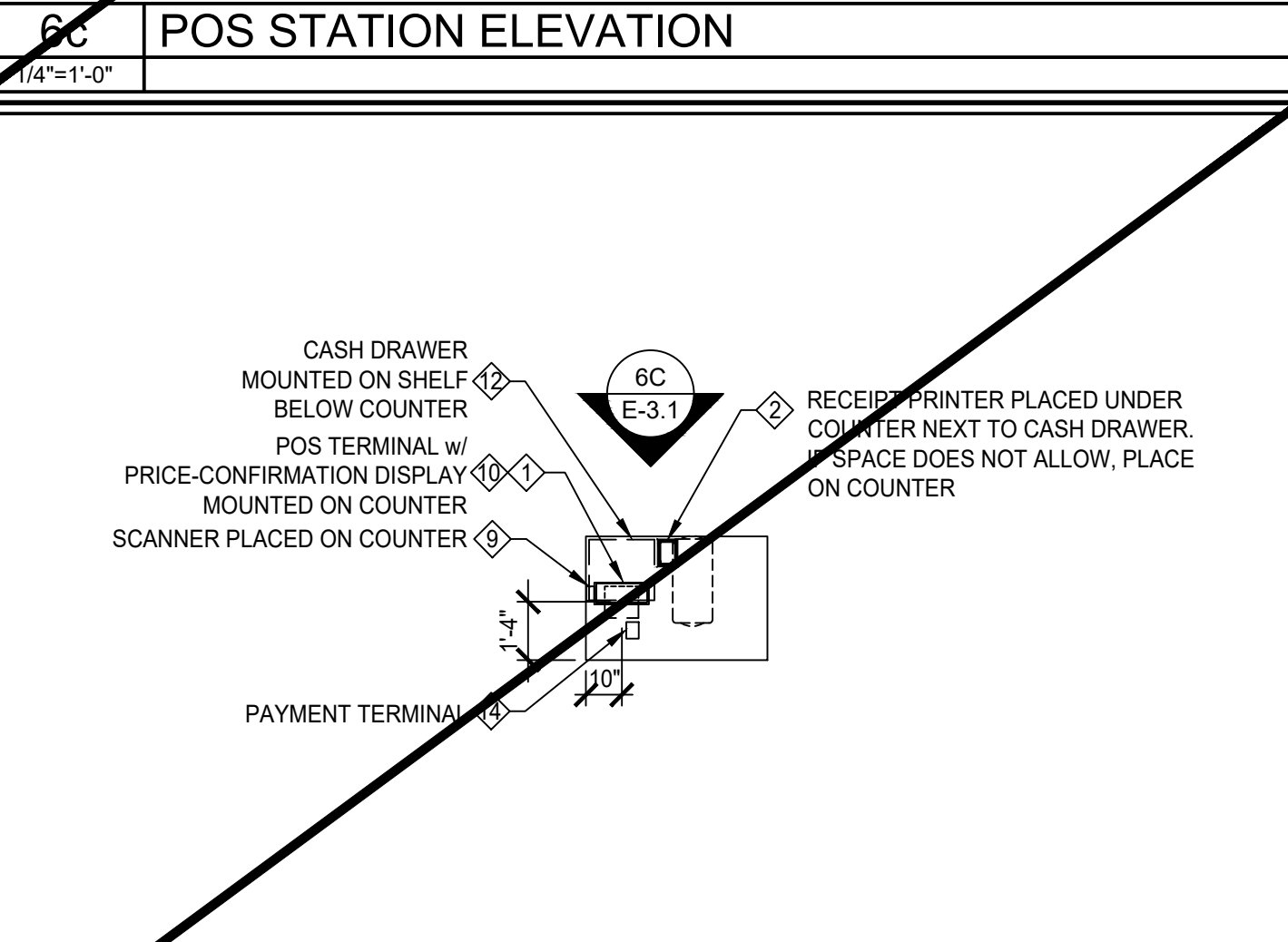
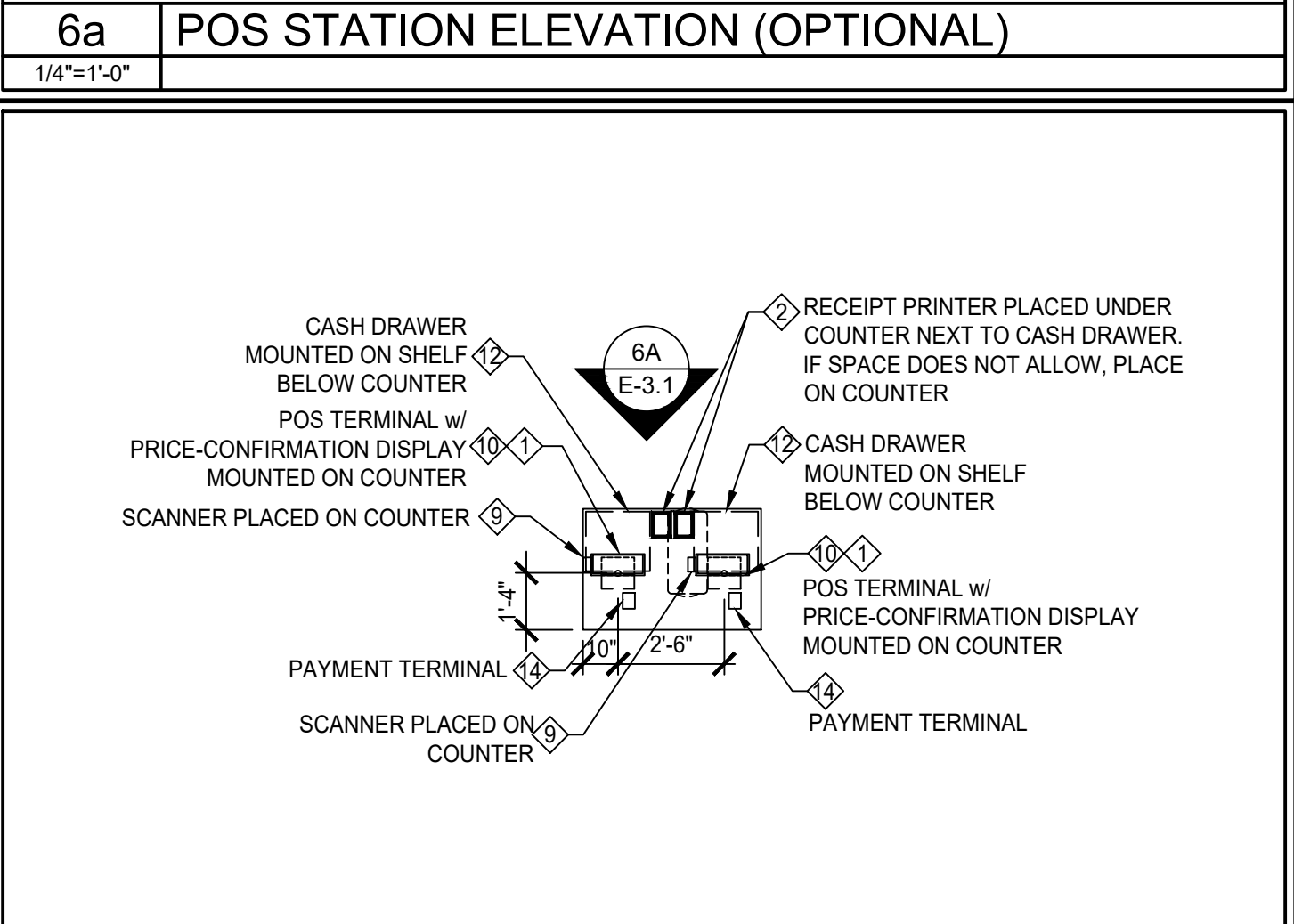
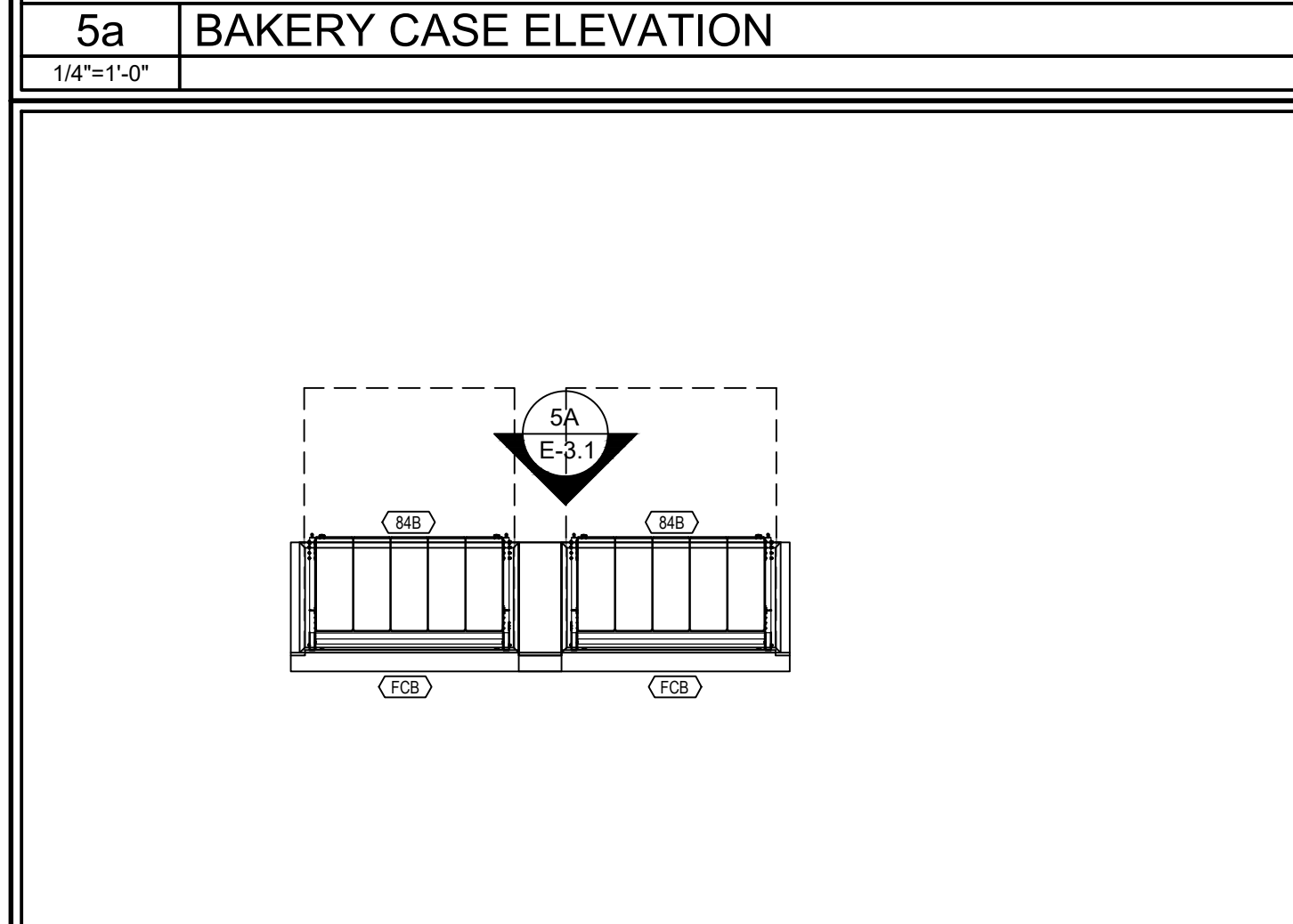
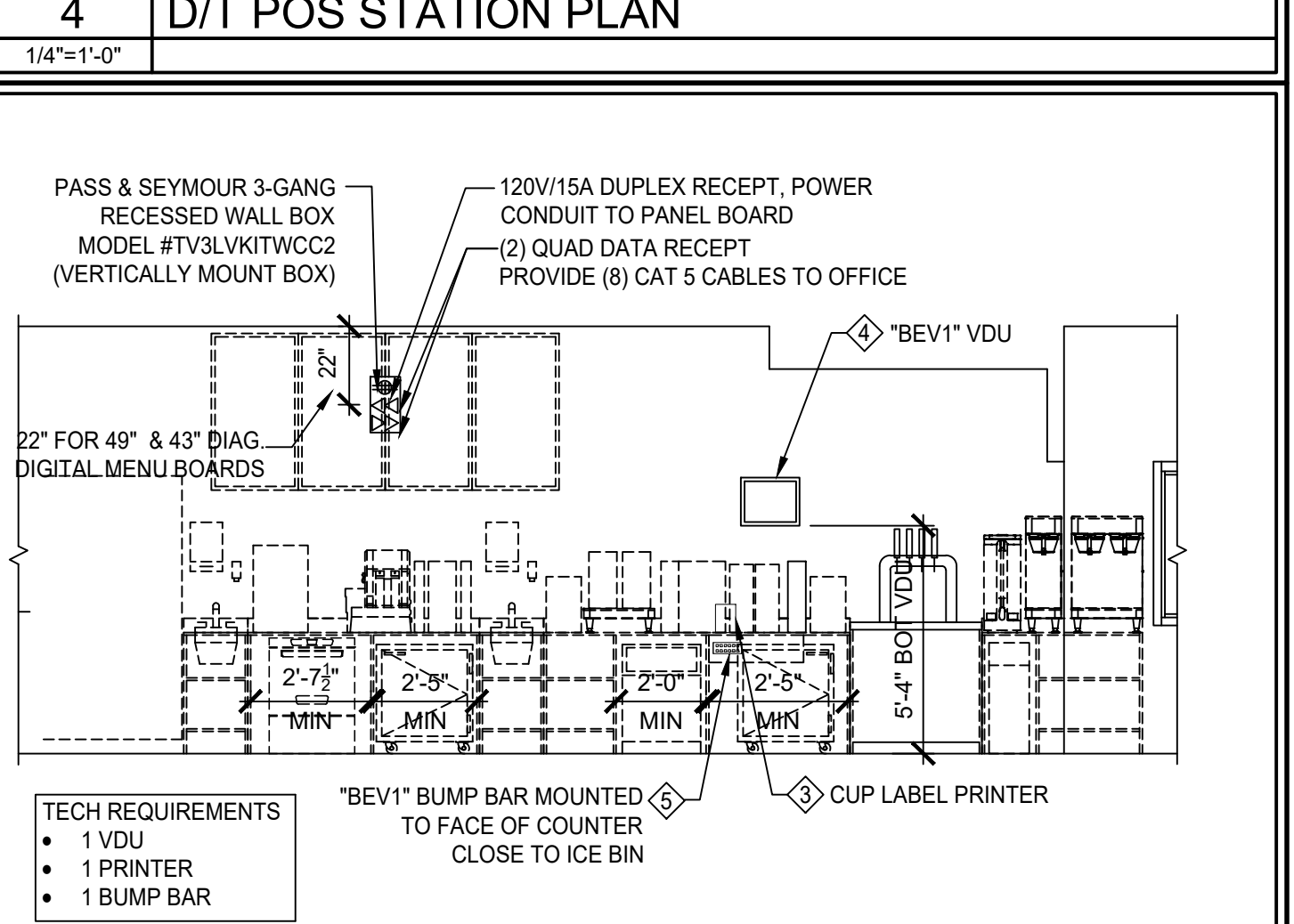
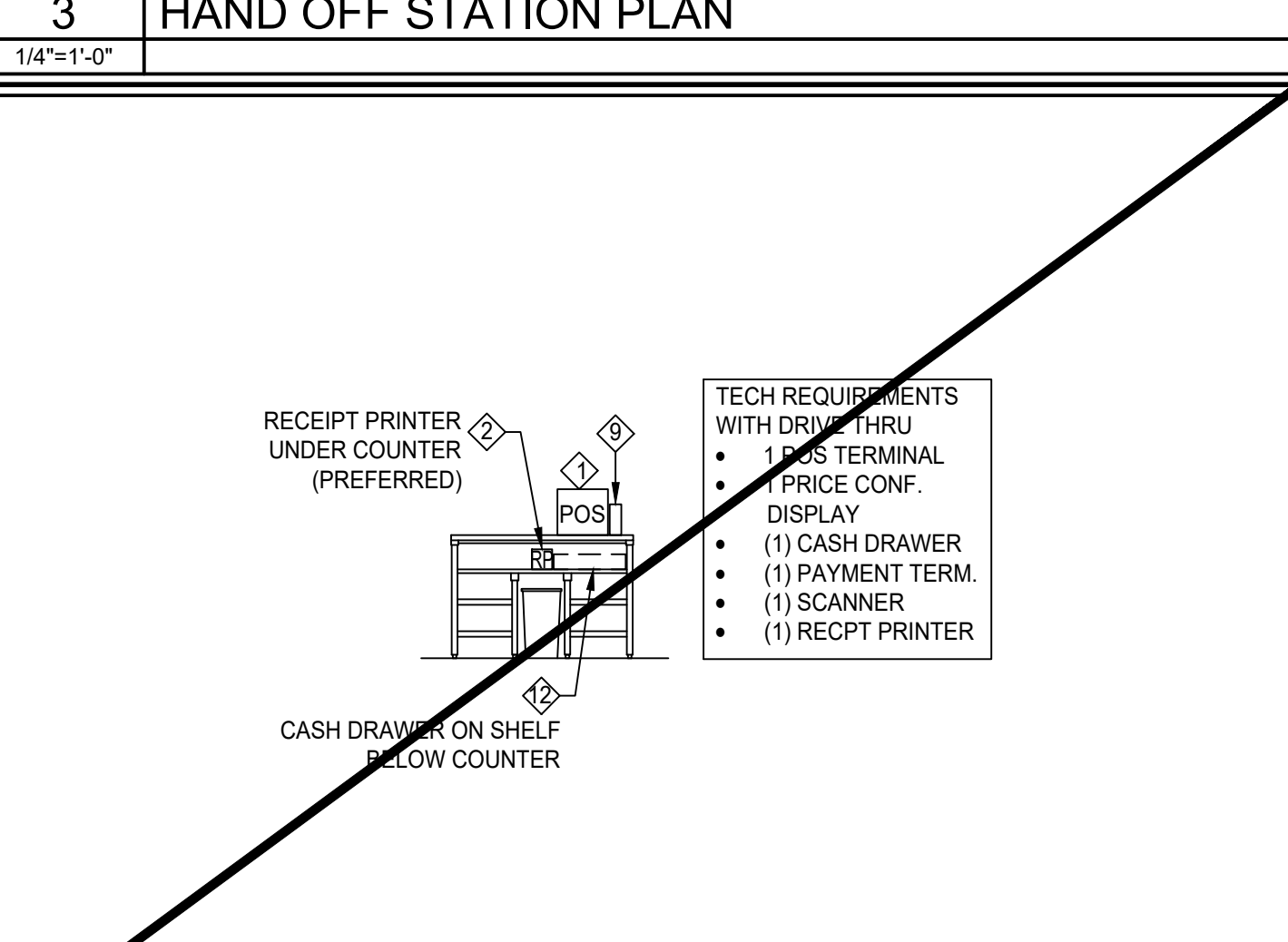
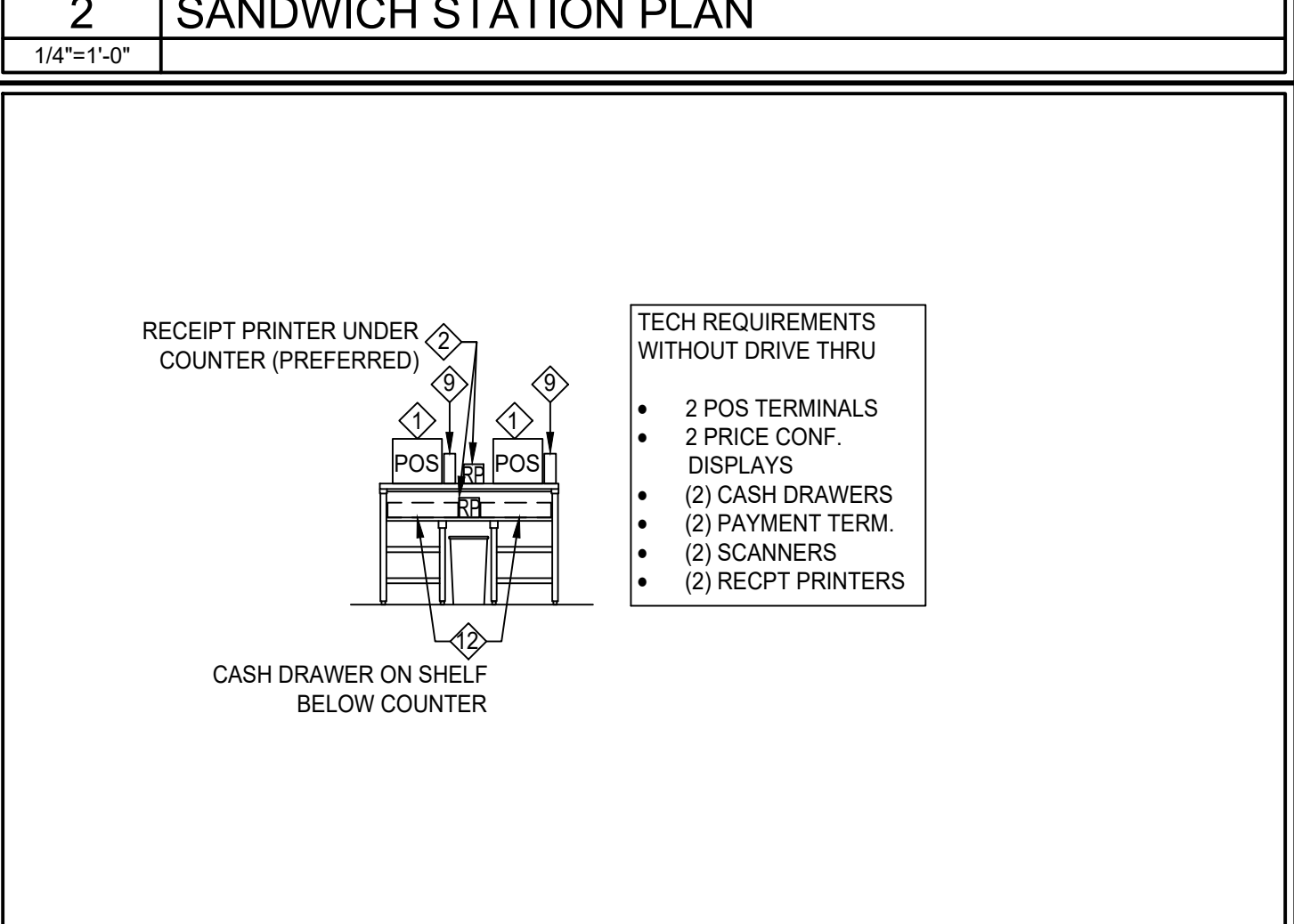
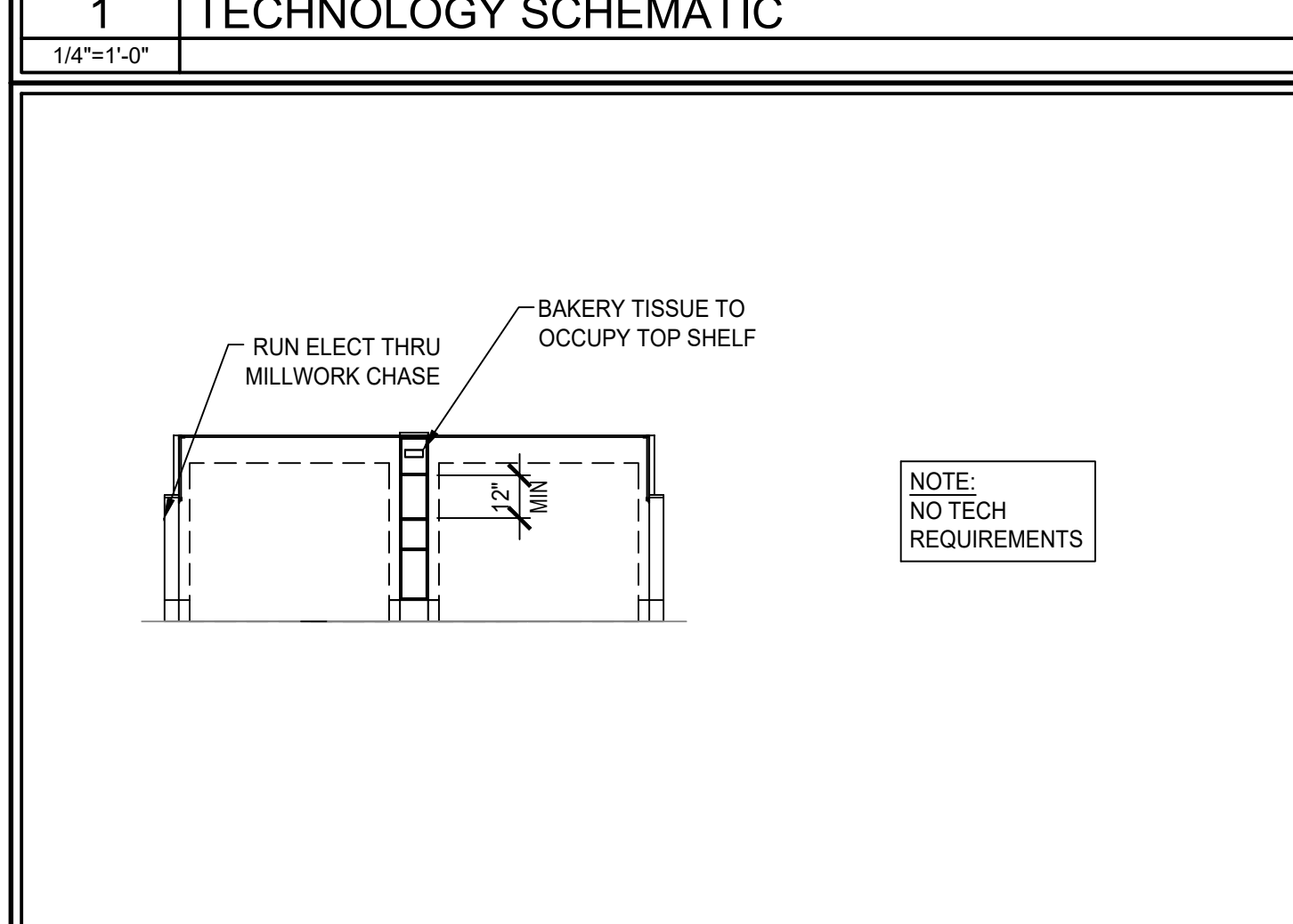
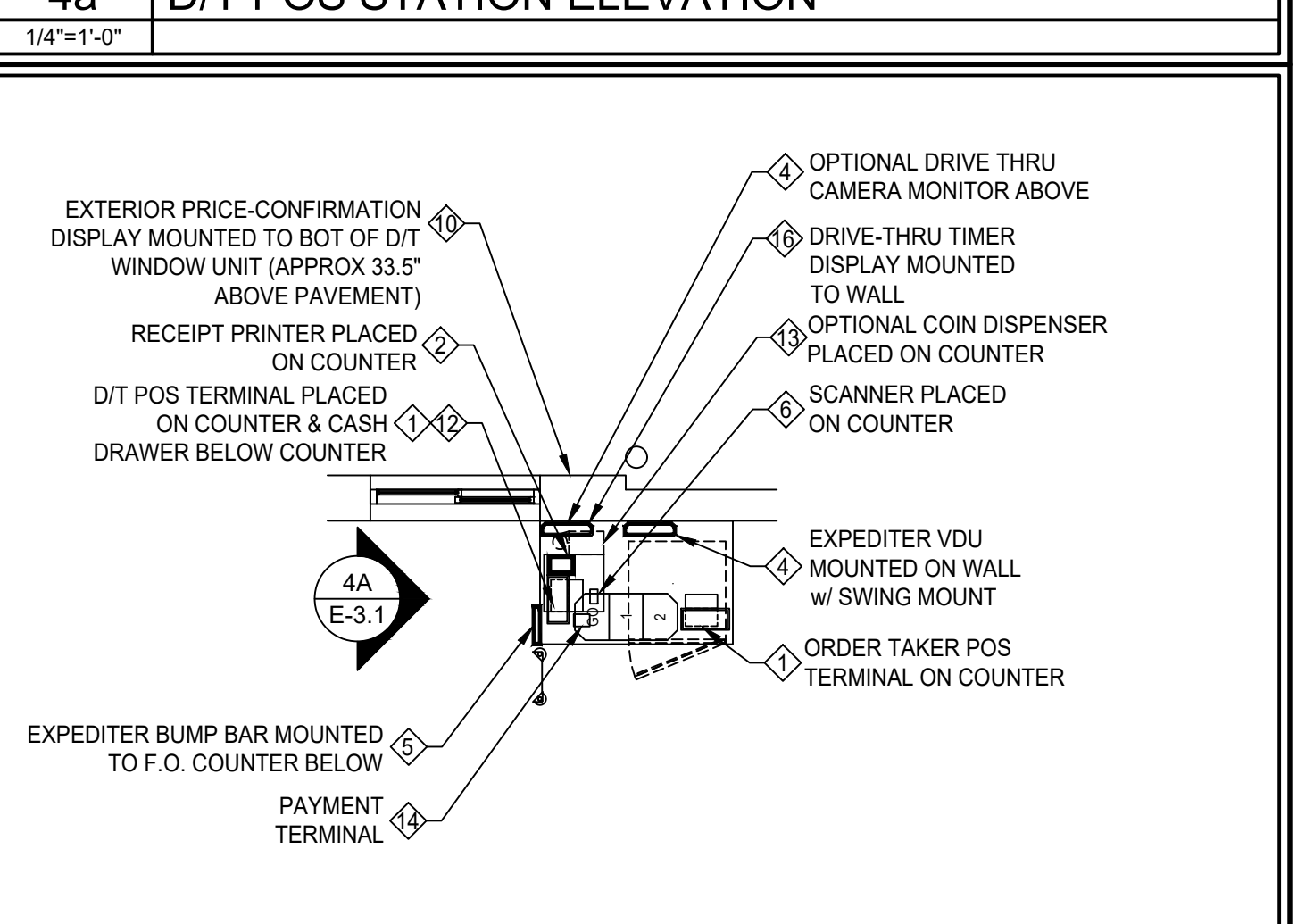
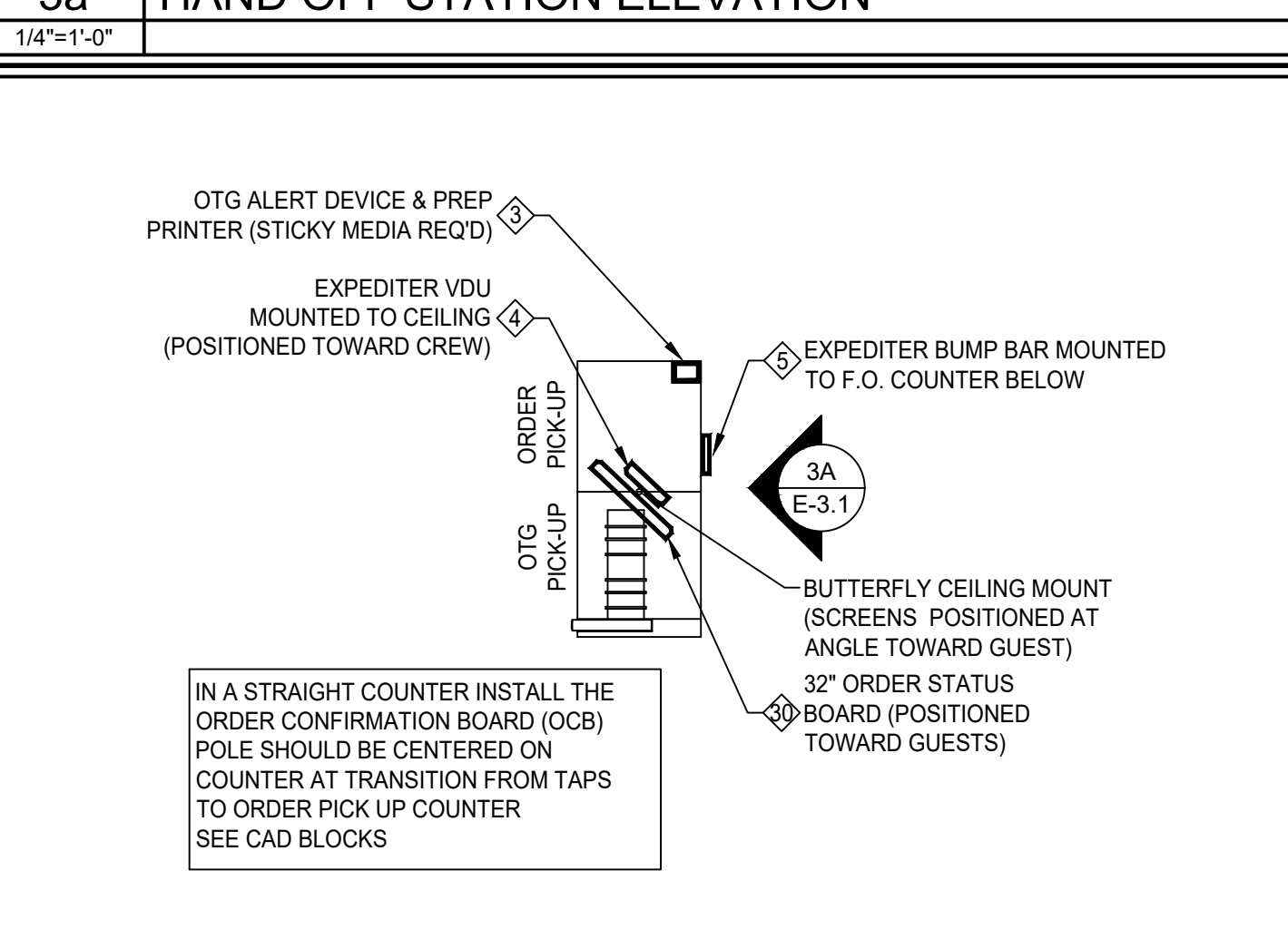
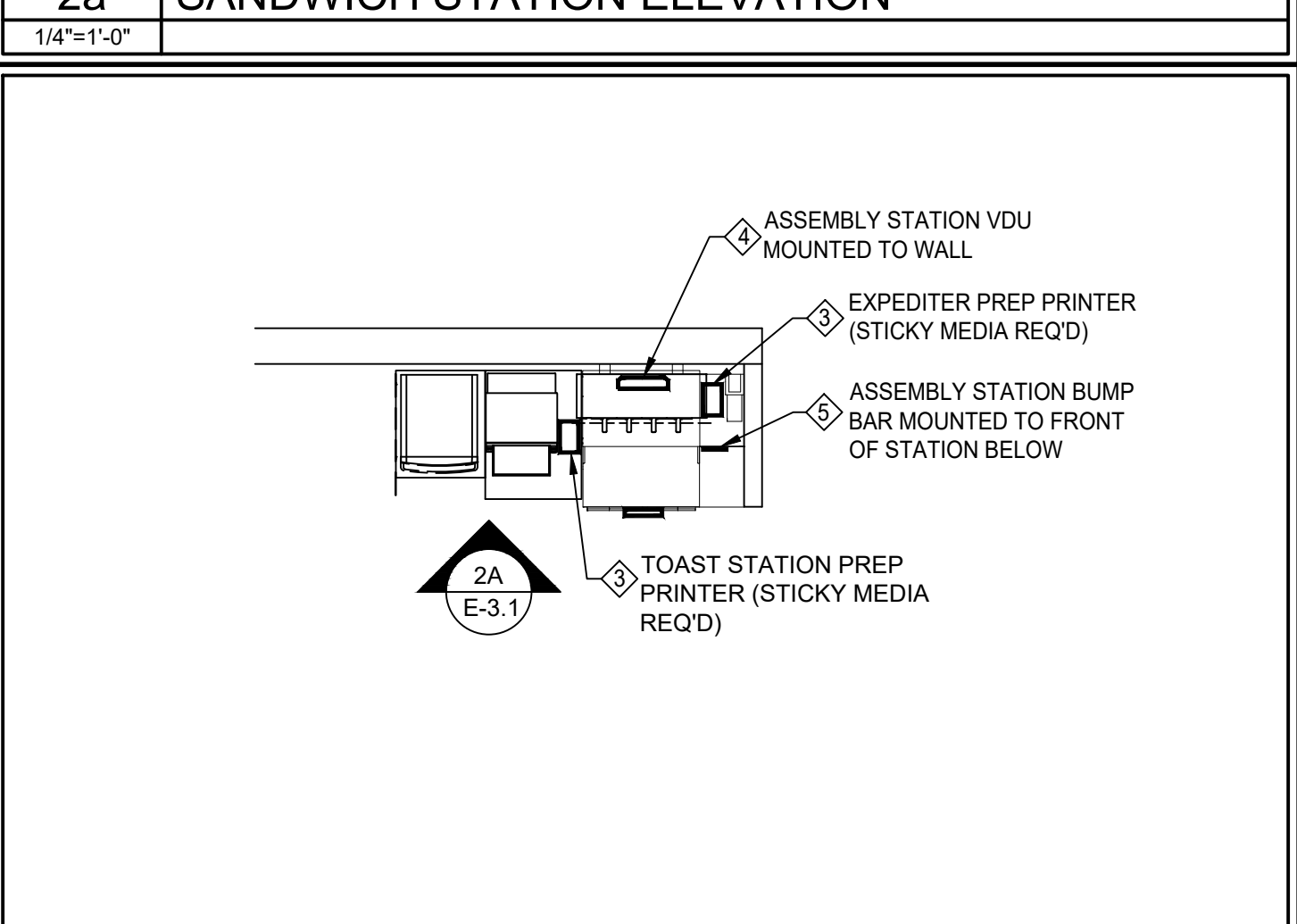
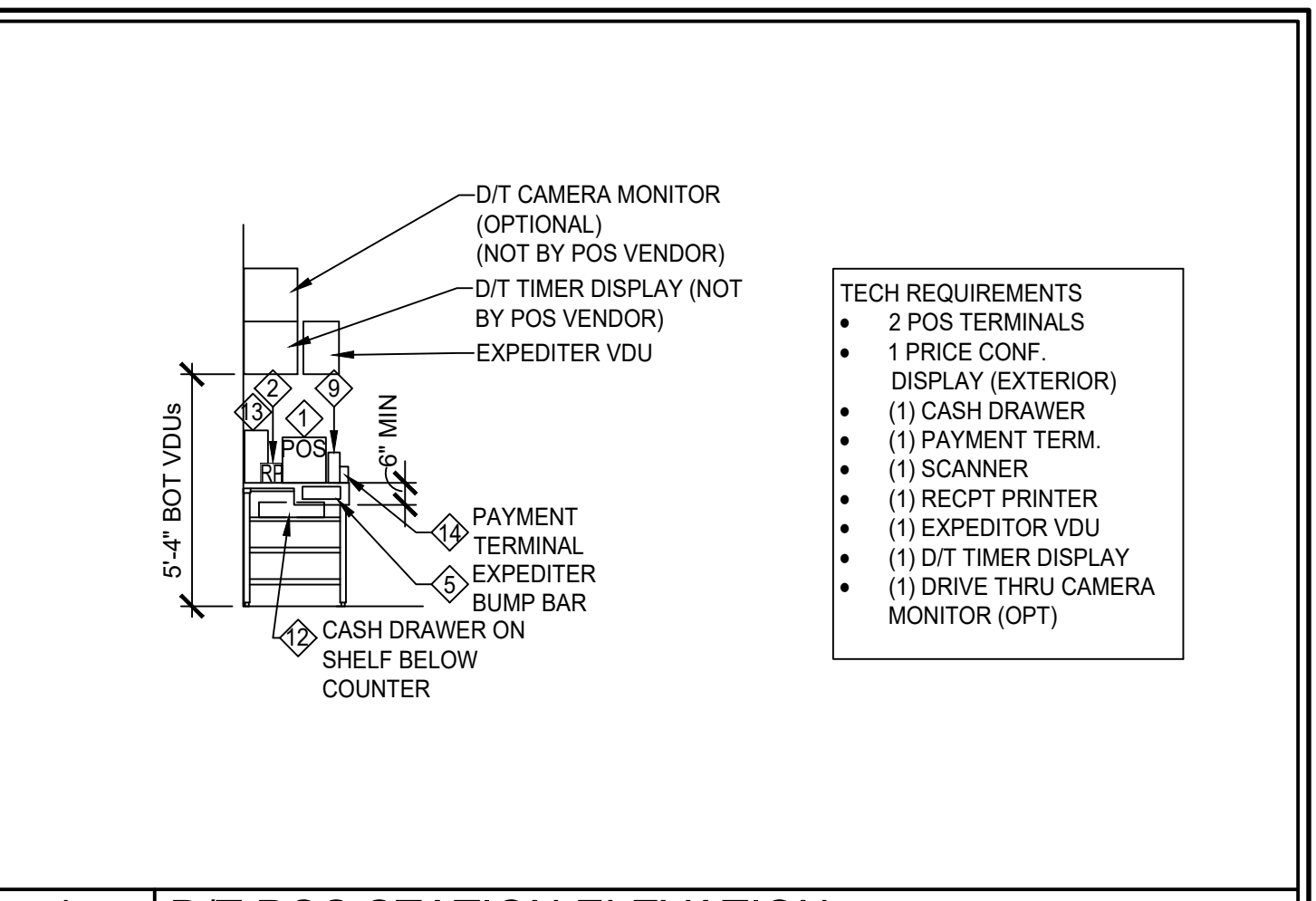
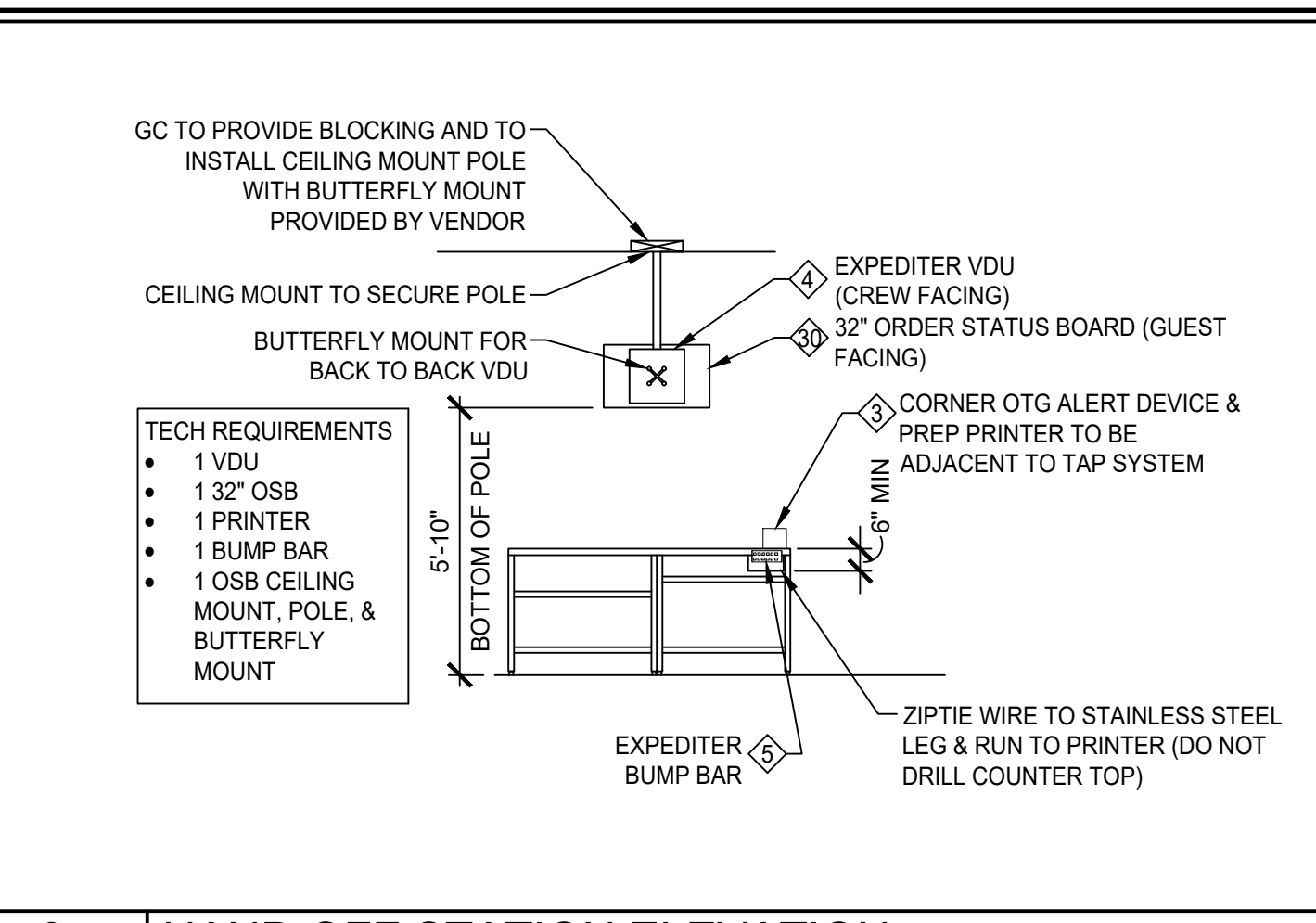
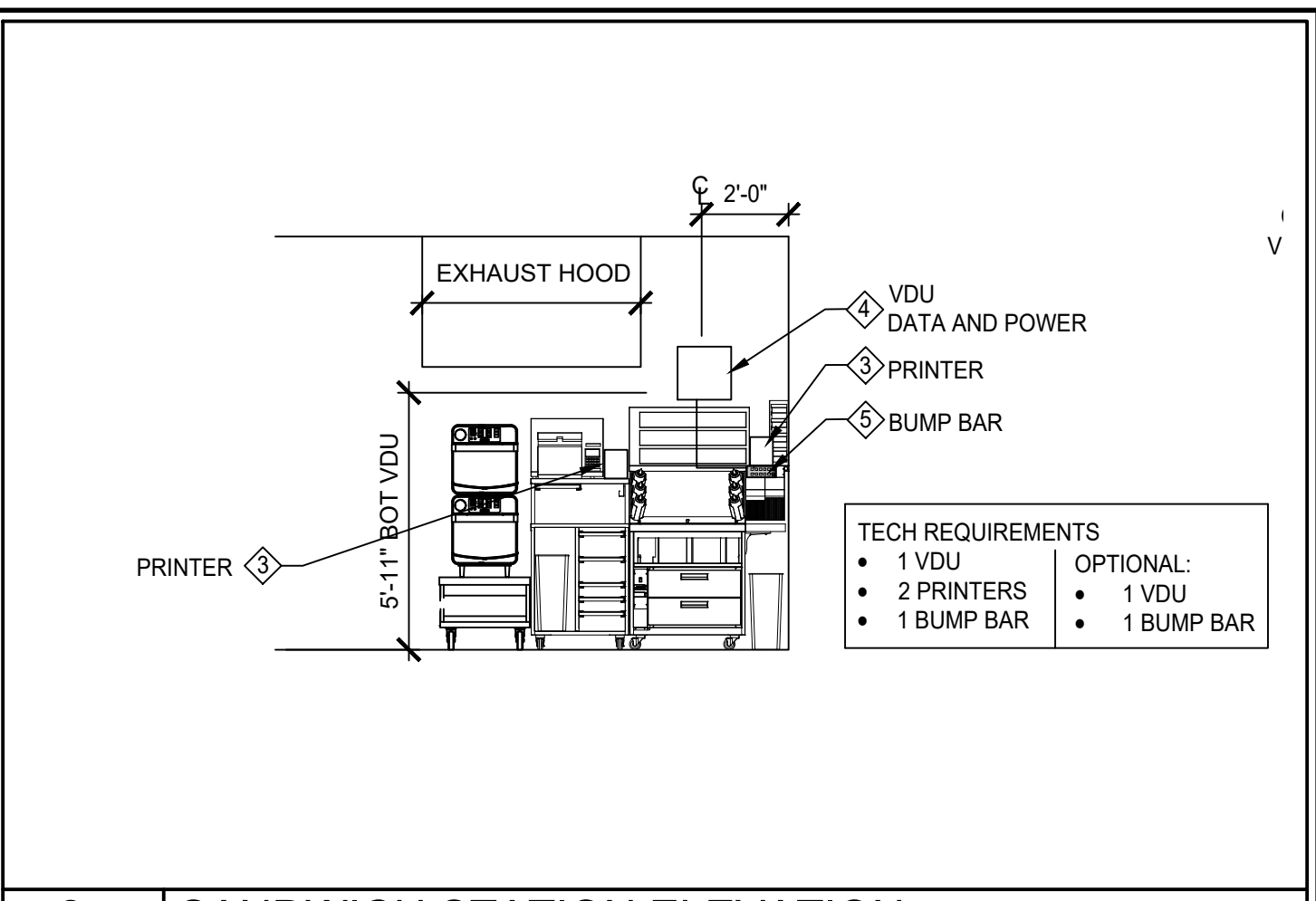
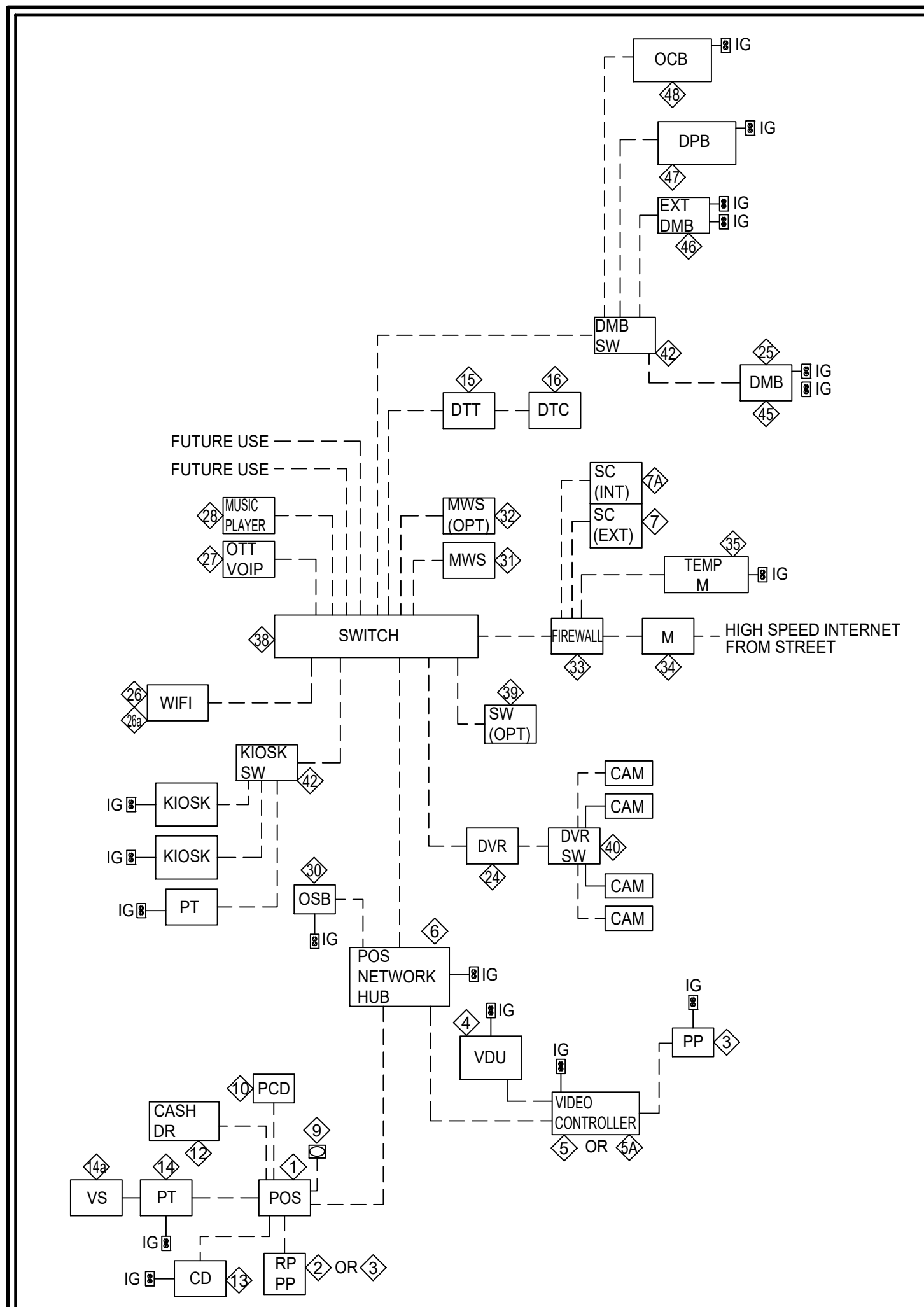


EQUIPMENT SCHEDULE					PLUMBING					ELECTRICAL						
ITEM NO	QTY	DESCRIPTION	MANUFACTURER	MODEL NO	REMARKS	WATER					ELECTRICAL					
						HW	CW	FCW	DIR	IND	REMARKS	LOAD		CORD PLUG	RECEPT	
96.4	2	COFFEE ART TOUCH ESPRESSO MACHINE	SCHAERER	040381-0022EUS				3/8"		1"	PROVIDE PRESSURE REDUCING VALVE & WATER SHUT-OFF VALVE w/ 3/8" COMPRESSION FITTING	208V	30A			30A/2P
98	0	ESPRESSO MACHINE	SCHAERER	03.5500.8033				1/2"		1"	DED. BALL VALVE w/ FLEX CONNECTION TO MACHINE	208V	30A	30A/2P	YES	L6-30R
101C-3	1	DAIRY DISPENSER	SILVER KING	SKECD12-V3-1-KE1								120V	1.8	15A/1P	YES	5-15R
101L	1	MULTI-SWEETENER DISPENSER	AC DISPENSING	AC2-GP-5								120V	.5A	15A/1P	YES	5-15R
101Q-3	1	MULTI HOPPER COFFEE GRINDER	BUNN-O-MATIC	35600.0041								120V	11.0	15A/1P	YES	5-15R
119	1	HOT WINTER BEVERAGE MACHINE	BUNN-O-MATIC	38600.0057				1/4"			20-90 PSI. MACHINE SUPPLIED WITH A 1/4" MALE FLARE FITTING	120/240	21.7	20A/2P	YES	L14-20R
119	0	HOT WINTER BEVERAGE MACHINE	-	-				1/4"			20-90 PSI. MACHINE SUPPLIED WITH A 1/4" MALE FLARE FITTING	208/240			YES	L14-20R
108A-1	0	HOT WINTER BEVERAGE MACHINE	BUNN-O-MATIC	43700.0003				1/4"			20-90 PSI. MACHINE SUPPLIED WITH A 1/4" MALE FLARE FITTING	120/240	21.7	30A/2P	YES	L14-30R
108A-2	0	HOT WINTER BEVERAGE MACHINE	CECILWARE	GB5M5.5-IT-U-DB				1/4"			20-90 PSI. MACHINE SUPPLIED WITH A 1/4" MALE FLARE FITTING	208/240			YES	L14-30R
116.1	2	MAGNABLEND BLENDER / ISLAND OASIS	TAYLOR	SB2412-WDD				3/8"		1"		115V	10	15A	YES	5-15R
120F-1	0	27 1/2" W X 27 3/4" D UNDERCOUNTER REFRIGERATOR W/ CASTERS	DELFIELD	406-CA-DHR	RIGHT HAND HINGE							115V	7.0	20A/1P	YES	5-15R
120F-2	0	27 1/2" W X 27 3/4" D UNDERCOUNTER REFRIGERATOR W/ CASTERS	DELFIELD	406-CA-DHL	LEFT HAND HINGE							115V	7.0	20A/1P	YES	5-15R
120F-3	2	27" W X 30 1/2" D UNDERCOUNTER REFRIGERATOR W/ CASTERS	VICTORY	UR-27-SST-AD	DOOR CAN BE RE-HINGED IN FIELD							115V	5.6	20A/1P	YES	5-15R
ALT 121F	0	2 DRAWER U/C REFRIGERATOR	SILVER KING	SKR27AD/C11								115V	2.7	15A/1P	YES	5-15R
124A	1	TWIN SH BREWER	BUNN-O-MATIC	51200.0106				3/8"			20-90 PSI. MACHINE SUPPLIED WITH A 3/8" MALE FLARE FITTING	120/208	38.5	50A/2P	YES	14-50R
124G	2	TWIN SH STAND w/ WIFI	BUNN-O-MATIC	27875.0201								120V	1.8	15A/1P	YES	5-15P
124H	0	SINGLE SH STAND w/ WIFI	BUNN-O-MATIC	27825.0201								120V	0.7	20A/1P	YES	5-15P
261	0	WATER CHILLER (FUTURE)	MICROMATIC	FC-8000								115V	3.5	20A/1P	YES	5-15
265	1	4 TAP BEVERAGE DISPENSING SYSTEM	MICROMATIC	MMDD4TAPV1				1/2"		1"		115V	8.35	20A/1P	YES	5-15R
257	0	8 TAP BEVERAGE DISPENSING SYSTEM	MICROMATIC	MDD-68G-E-DD				1/2"		1"		115V	8.35	20A/1P	YES	5-15R

Store Number: 350624
dunkin' brands™
 2234 N Reynolds Road
 Bryant, AR 72022

Lagunita Franchise Operations
 Tony Antoon and Damon Dunn
 tony@lfoops.com
 601.940.6914

ISSUED / REVISED / PERMIT
 DATE: 03.05.19
ELECTRICAL
OMNI DETAILS



TITLE COMMITMENT INFORMATION

THE PROPERTY HEREON DESCRIBED IS THE SAME AS THE PERTINENT PROPERTY AS DESCRIBED IN OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY...

LEGAL DESCRIPTION

TRACT 1: PART OF THE NW 1/4 SW 1/4 AND PART OF THE NE 1/4 SW 1/4, ALL IN SECTION 29, TOWNSHIP 1-SOUTH (T-1-S), RANGE 14-WEST (R-14-W), IN THE CITIES OF BRYANT AND BENTON, SALINE COUNTY, ARKANSAS...

LESS AND EXCEPT: THAT PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 29, TOWNSHIP 1 SOUTH, RANGE 14 WEST, SALINE COUNTY, ARKANSAS...

TRACT 2: EASEMENT RIGHTS SET FORTH IN OPERATION AND EASEMENT AGREEMENT MADE THE 22 DAY OF NOVEMBER, 2005, BETWEEN KOHL'S DEPARTMENT STORES, INC., AND TARGET CORPORATION...

TRACT 3: PART OF THE NW 1/4, SW 1/4 OF SECTION 29, TOWNSHIP-1-SOUTH (T-1-S), RANGE-14-WEST (R-14-W), IN THE CITY OF BENTON, IN SALINE COUNTY, ARKANSAS...

NOTES CORRESPONDING TO SCHEDULE B

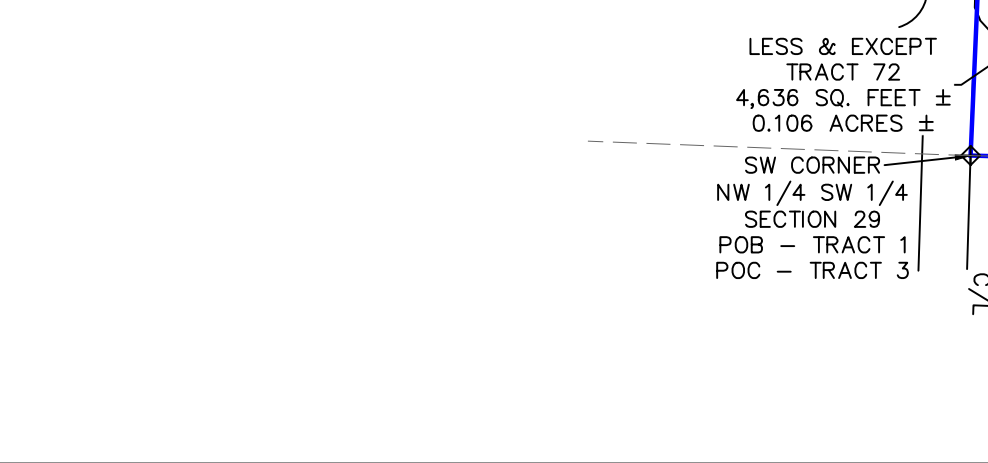
- 14 - HIGHWAY ACCESS COVENANTS, BURDENS AND RESTRICTIONS AS SET OUT IN THE WARRANTY DEED EXECUTED BY ELIZABETH HORN DAVIS TO THE ARKANSAS STATE HIGHWAY COMMISSION DATED MAY 6, 1957 AND FILED JULY 3, 1957...
15 - WATER PIPELINE EASEMENT GRANTED IN FAVOR OF SALEM WATER USERS ASSOCIATION, INC. FILED APRIL 10, 2001 AS DOCUMENT NO 01-20774, IN THE RECORDS OF SALINE COUNTY, ARKANSAS...
16 - CONDITIONS, EASEMENTS, AND RESTRICTIONS CONTAINED IN QUITCLAIM DEED EXECUTED JANUARY 31, 2008, BY ALCOA EXCHANGE ASSOCIATES, LLC TO CITY OF BRYANT, ARKANSAS...
17 - BUILDING SET BACK LINES AND EASEMENTS AS SHOWN ON SURVEYS PREPARED BY CHARLES T. WATSON, RLS# 676 FILED AS DOCUMENT NOS. 2005-108561, 2005-131911 AND 2005-133503 IN THE RECORDS OF SALINE COUNTY, ARKANSAS...
18 - TERMS AND PROVISIONS OF THAT OPERATION AND EASEMENT AGREEMENT BY AND BETWEEN TARGET CORPORATION, KOHL'S DEPARTMENT STORES, INC., AND ALCOA EXCHANGE ASSOCIATES LLC ENTERED INTO ON NOVEMBER 22, 2005 AND RECORDED ON NOVEMBER 23, 2005 AS DOCUMENT NO. 05-131221, AS AMENDED BY A FIRST AMENDMENT TO OPERATION AND EASEMENT AGREEMENT RECORDED ON APRIL 26, 2007, AS DOCUMENT NO. 07-96047, IN THE RECORDS OF SALINE COUNTY, ARKANSAS...
19 - PERMANENT WATER LINE EASEMENT IN FAVOR OF THE CITY OF BENTON, SALINE COUNTY, ARKANSAS, DATED SEPTEMBER 15, 2015, RECORDED JANUARY 27, 2016, AS DOCUMENT NO. 2016-001813, IN THE RECORDS OF SALINE COUNTY, ARKANSAS...
20 - DEED OF EASEMENT FROM TULEY DEVELOPMENT GROUP, INC. TO CITY OF BENTON, ARKANSAS, RECORDED MAY 26, 2005 AS DOCUMENT NO. 05-053354, IN THE RECORDS OF SALINE COUNTY, ARKANSAS.

TRACT 3: PART OF THE NW 1/4, SW 1/4 OF SECTION 29, TOWNSHIP-1-SOUTH (T-1-S), RANGE-14-WEST (R-14-W), IN THE CITY OF BENTON, IN SALINE COUNTY, ARKANSAS...

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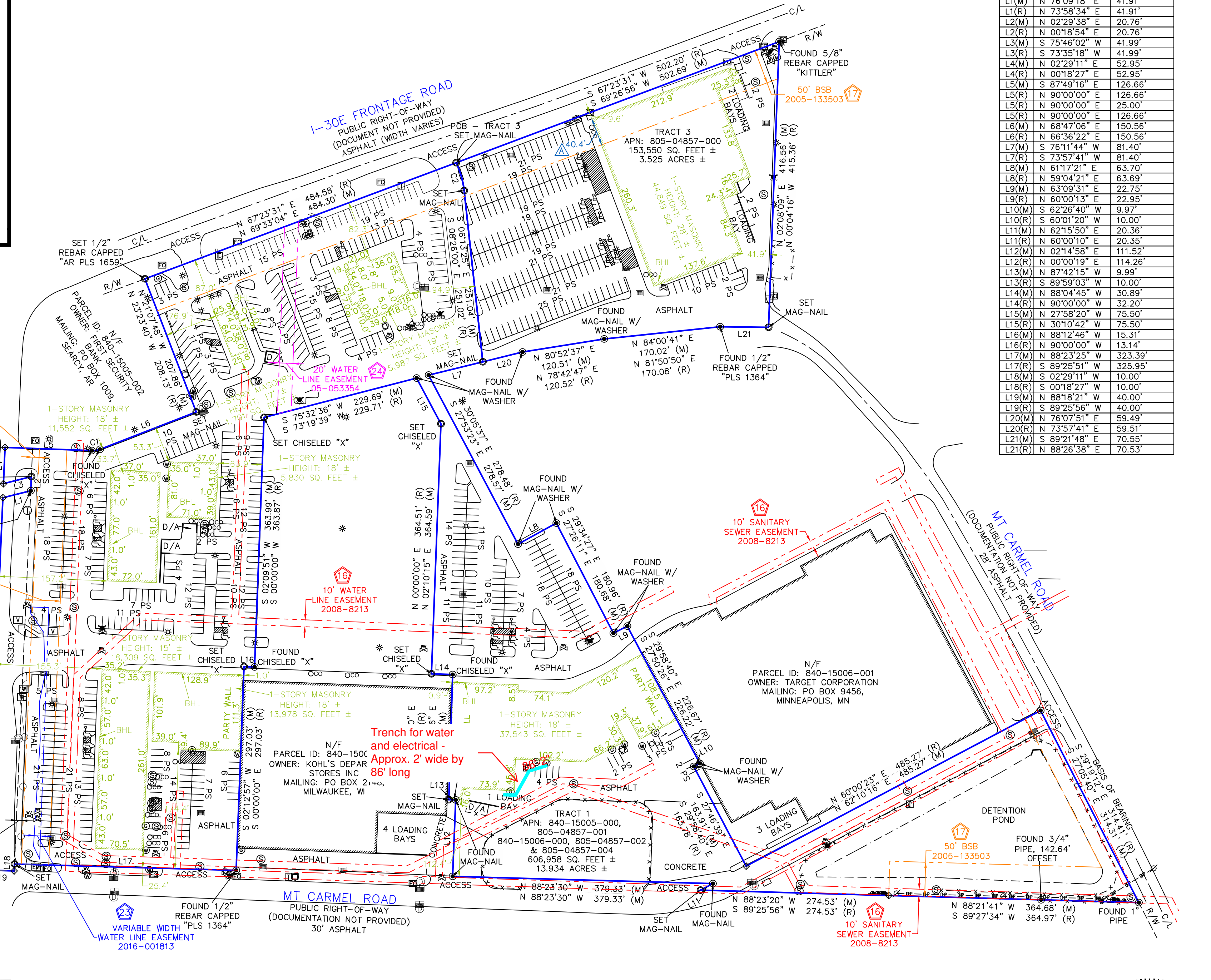
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TRACT 3: PART OF THE NW 1/4, SW 1/4 OF SECTION 29, TOWNSHIP-1-SOUTH (T-1-S), RANGE-14-WEST (R-14-W), IN THE CITY OF BENTON, IN SALINE COUNTY, ARKANSAS...



LEGEND table with columns for symbols and descriptions: SQ.FT. SQUARE FEET, NO PARKING AREA, HANDICAP PARKING SPACE, etc.

SIGNIFICANT OBSERVATIONS: BUILDING APPEARS TO POTENTIALLY CROSS OVER A BUILDING SETBACK LINE BY AS MUCH AS 40.4'.



LINE TABLE

Table with columns: LINE, BEARING, DISTANCE. Lists 21 line segments with their respective bearings and distances.

CURVE TABLE

Table with columns: CURVE, RADIUS, ARC LENGTH, CHORD LENGTH, CHORD BEARING. Lists 6 curve segments.

VICINITY MAP, SHEET 1 OF 1, LAND AREA: 760.508± SQUARE FEET 17.459± ACRES, PARKING: REGULAR= 696, HANDICAP= 29, TOTAL= 725.

FLOOD INFORMATION: FLOOD NOTE: BASED ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE AT WWW.MSC.FEMA.GOV...

BEARING BASIS: THE BASIS OF BEARING FOR THIS SURVEY IS GRID NORTH PER ARKANSAS STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD83-2011, AS MEASURED ALONG THE EAST LINE OF TRACT 1 WHICH BEARS S27°05'40"E PER GPS COORDINATE OBSERVATIONS...

GENERAL NOTES: 1. NO UNDERGROUND UTILITIES ARE SHOWN ON THIS SURVEY, ONLY ABOVE GROUND VISIBLE EVIDENCE OF UTILITIES ARE SHOWN. 2. ALL STATEMENTS WITHIN THE CERTIFICATION, AND OTHER REFERENCES LOCATED ELSEWHERE HEREON, RELATED TO: UTILITIES, IMPROVEMENTS, STRUCTURES, BUILDINGS, PARTY WALLS, PARKING, EASEMENTS, SERVICEDUES, AND ENCROACHMENTS ARE BASED SOLELY ON ABOVE GROUND, VISIBLE EVIDENCE, UNLESS ANOTHER SOURCE OF INFORMATION IS SPECIFICALLY REFERENCED HEREON.

ALTA/NSPS LAND TITLE SURVEY, AEI JOB #460974, ALCOA CROSSINGS, 7391 ALCOA ROAD, SALINE COUNTY, BRYANT, ARKANSAS 72019, SITE PICTURE.

COORDINATED BY: AEI Consultants, AEI CONSULTANTS, 2500 CAMINO DIABLO, WALNUT CREEK, CA, 94597, TELEPHONE: 925.746.6000, EMAIL: SURVEYS@AEICONSULTANTS.COM.

SURVEYOR'S CERTIFICATE: TO: OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY. THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS...



PRELIMINARY, WILLIAM G. GACNER, PROFESSIONAL LAND SURVEYOR NO.: 1659, STATE OF ARKANSAS.

Table with columns: DATE, REVISION HISTORY, BY, SURVEYOR JOB NUMBER. Shows revision history for 5/16/2022.

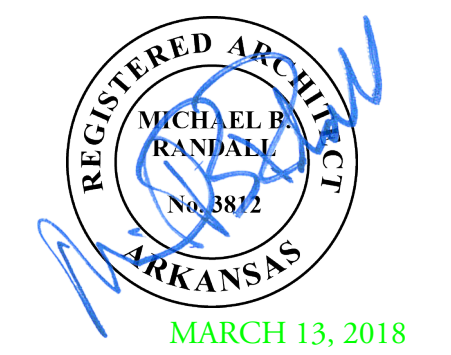
SURVEYED BY: BLEW & ASSOCIATES, P.A., 3825 N SHILOH DRIVE, FAYETTEVILLE, AR 72703, SURVEY@BLEWINC.COM.

ALCOA EXCHANGE FIVE BELOW

7401 ALCOA RD
BRYANT, SALINE COUNTY, AR 72022



RANDALL
PAULSON
architects



MARCH 13, 2018
Roswell Mill
85-A Mill Street Suite 200
Roswell, Georgia 30075
1770.650.7558 1770.650.7559
e-mail architects@randallpaulson.com

architecture/interiors
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FIVE BELOW

A DEVELOPMENT BY:

Hall Equities Group
Real Estate Investment - Development - Management

7401 ALCOA RD
BRYANT, AR 72022

Print Record
13 MARCH 2018 PERMIT SET

Date	Project No.
13 MARCH 2018	2017259.00

Sheet Title
COVER SHEET

Sheet No.
A-001
Released for Construction
Not Released for Construction

DRAWINGS INDEX

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- A-090 LIFE SAFETY PLAN
- A-091 DEMOLITION FLOOR PLAN
- A-092 DEMOLITION EXTERIOR ELEVATIONS
- A-101 PROPOSED FLOOR PLAN
- A-102 PROPOSED EXTERIOR ELEVATIONS
- A-112 PROPOSED REFLECTED CEILING PLAN
- A-121 OVERALL ROOF PLAN
- A-201 ENLARGED PLANS
- A-301 WALL SECTIONS
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- A-601 DOOR SCHEDULE
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- S-001 STRUCTURAL NOTES
- S-101 FOUNDATION AND ROOF FRAMING PLAN
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- M-002 DETAILS AND SCHEDULES - HVAC
- M-003 SPECIFICATIONS - HVAC
- M-101 FLOOR PLAN - HVAC
- M-102 ROOF PLAN - HVAC
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ELECTRICAL

- E-1.0 POWER PLAN
- E-2.0 LIGHTING PLAN
- E-3.0 ELECTRICAL PANEL SCHEDULE, RISER & NOTES
- E-4.0 ELECTRICAL SPECIFICATIONS

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- P-001 DETAILS AND SCHEDULES - PLUMBING
- P-101 EXISTING FLOOR PLAN - PLUMBING
- P-102 NEW FLOOR PLAN - PLUMBING
- P-103 NEW ROOF PLAN - PLUMBING

FIRE PROTECTION

- FP-101 FLOOR PLAN - FIRE PROTECTION

OWNER / DEVELOPER

HALL EQUITIES GROUP
1855 OLYMPIC BLVD.
SUITE 300
WALNUT CREEK, CA
PHONE: 925-933-4000 FAX: 925-933-4172
CONTACT: NICK ZANKICH
NickZ@hallequitiesgroup.com

ARCHITECT

RANDALL - PAULSON ARCHITECTS
85A MILL STREET
SUITE 200
ROSWELL, GA 30075
PHONE: 770-650-7558 FAX: 770-650-7559
CONTACT: MICHAEL RANDALL, AIA #3812
mrandall@randallpaulson.com zollinger@randallpaulson.com

STRUCTURAL

WILLIAM J. PELTIER & ASSOCIATES
521 SCENIC HIGHWAY
LAWRENCEVILLE, GA 30046
PHONE: 770-963-0654 FAX:
CONTACT: BILL PELTIER, PE
wjp@willampeltier.com

M&P ENGINEER

GRIFFITH ENGINEERING
4360 CHAMBLEE DUNWOODY ROAD
SUITE 210
ATLANTA, GA 30341
PHONE: 678-387-2768 FAX:
CONTACT: LYNNE FRY
lsfy@griffitheng.com tmontgomery@griffitheng.com
TYLER MONTGOMERY

ELECTRICAL ENGINEER

MOLNAR JORDAN ASSOCIATES
10927 CRABAPPLE ROAD
ROSWELL, GA 30075
CRAIG L. MOLNAR, ARKANSAS PE #7200
PHONE: 770-598-9353 FAX:
CONTACT: MICHAEL PAULSON
mepaulson@bellsouth.net

BUILDING INFORMATION

NAME OF DEVELOPMENT: FIVE BELOW
LOCATION OF DEVELOPMENT: 7401 ALCOA RD, BRYANT, AR 72022
ARCHITECT: Michael B. Randall, AIA PHONE #: 770-650-7558 STATE REGIS. #: 3812
STRUCTURAL ENGINEER: William Peltier, P.E. PHONE #: 304-284-0033 STATE REGIS. #: 14464

A: Occupancy Classification: Mercantile - Existing
B: Type of Construction: II-B - Unprotected - Existing Sprinklered: Yes
C: Building Area In Square Feet: FIVE BELOW ± 9,000 S.F.

D: Building Height in Feet: 30' - 0" Per ARKANSAS ICC: 55' - 0"

E: Number of Stories: 1 Includes: Basement: N/A Balcony: N/A Mezzanine: N/A

F: Building Permit: SHELL PERMIT

G: Total Building Area In Square Feet: ± 9,000 SF

H: Building Permit Category: NEW CONSTRUCTION

J: Occupant: Calculated Load For Occupancy: 9,000 SF / 30 SF/Occ = 300 Occupants

K: Egress Calculation: 351 Occupants x .20 Inches/Occupant = 68 Inches Provided: 156 Inches

L: Plumbing Fixtures:	Required	Provided
Water Closet: 1 Per 500	2	2
Lavatories: 1 Per 750	2	2
Drinking Fountain 1 Per 1000	1	2
Utility Sink 1	1	1

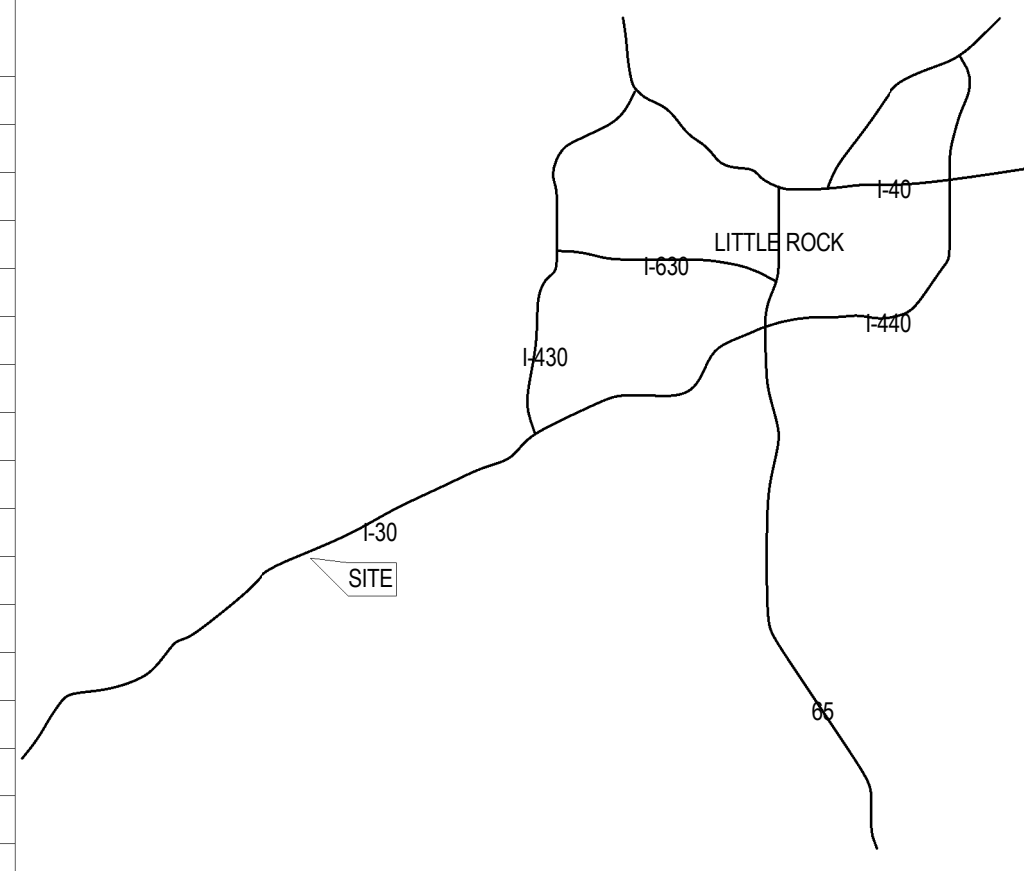
JURISDICTION

CITY OF BRYANT, ARKANSAS
PLANNING & ZONING DEPARTMENT
210 SW 3RD STREET
BRYANT, ARKANSAS 72022
TEL: 501.943.0369
FAX: 501.943.0992
CONTACT: DOUG SMITH, DSMITH@CITYOFBRYANT.COM

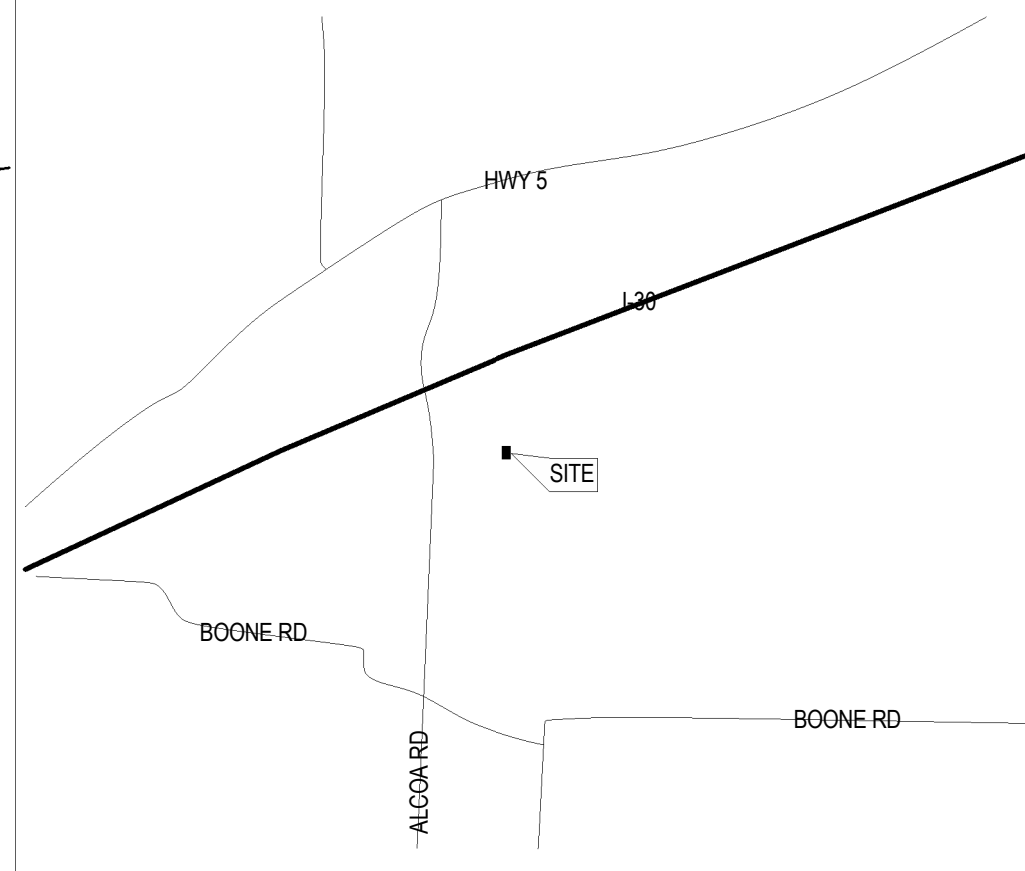
REVISION HISTORY

REV.	DATE	DESCRIPTION	SHEETS

VICINITY MAP



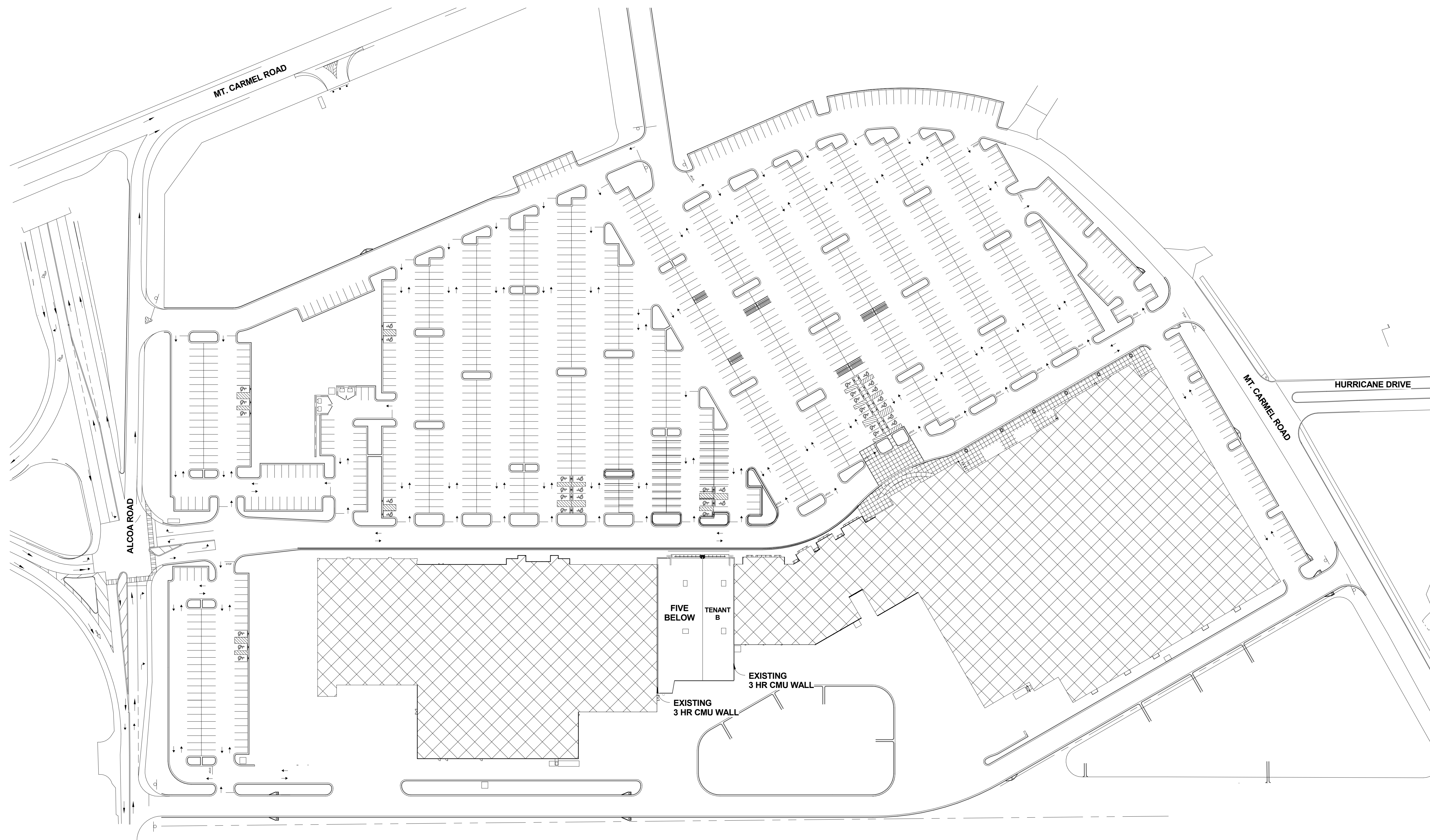
LOCATION MAP



BUILDING CODE

- BUILDING CODE: 2012 INTERNATIONAL BUILDING CODE
MECHANICAL CODE: 2010 ARKANSAS STATE MECHANICAL CODE
ELECTRIC CODE: AR NEC ELECTRICAL CODE, 2017 EDITION
PLUMBING CODE: 2006 ARKANSAS STATE PLUMBING CODE
GAS CODE: 2006 ARKANSAS STATE FUEL GAS CODE
LIFE SAFETY CODE: NFPA 101 LIFE SAFETY CODE, 2012 EDITION WITH STATE AMENDMENTS
FIRE CODE: 2012 ARKANSAS STATE FIRE CODE

THE DESIGN OF THIS PROJECT TO THE BEST OF OUR PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF COMPLIES WITH APPLICABLE PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS AS THEY APPLY TO THIS PROJECT. BECAUSE THE REQUIREMENTS OF THE ADA ARE SUBJECT TO VARIOUS AND POSSIBLY CONTRADICTIONARY INTERPRETATIONS, WE CANNOT AND DO NOT WARRANT OR GUARANTEE THAT THIS PROJECT WILL COMPLY WITH INTERPRETATIONS OF ADA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.



1 SITE PLAN
 A-080 SCALE: 1" = 60'-0"

ARCHITECTURE SITE PLAN NOTES:
 1. HATCH AREAS NOT IN SCOPE.



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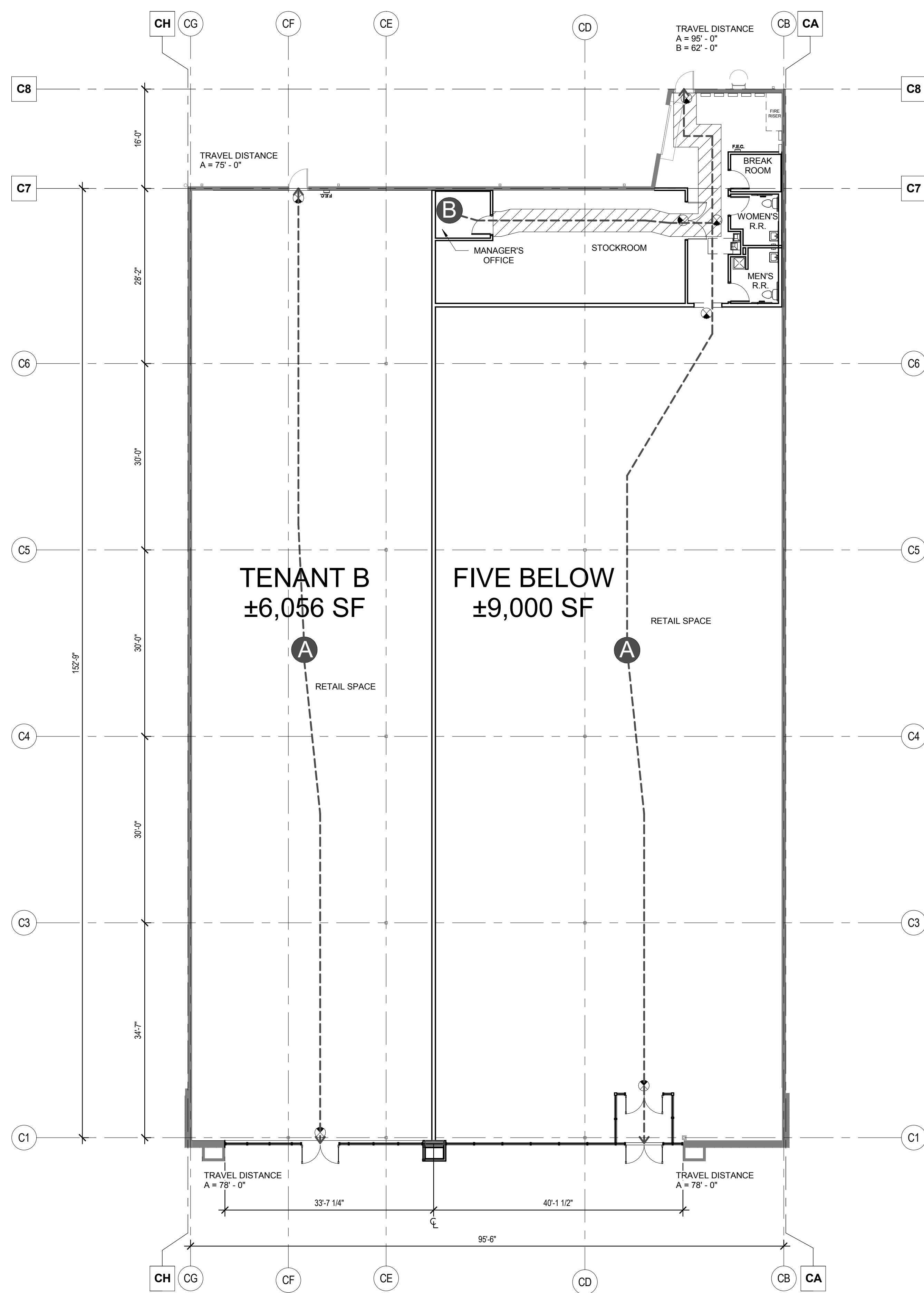
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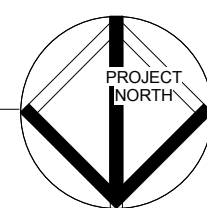
No.	Description

Date: 13 MARCH 2018
 Project No.: 2017259.00
 Sheet Title: SITE PLAN

Sheet No. **A-080**
 ■ Released for Construction
 □ Not Released for Construction



1 LIFE SAFETY PLAN
A-090 SCALE: 3/32" = 1'-0"



LIFE SAFETY LEGEND:

⊗ DENOTES SURFACE MOUNTED FIRE EXTINGUISHER TO COMPLY WITH PRODUCT REQUIREMENTS OF NFPA 10 AND APPLICABLE CODES, WHICHEVER IS MORE STRINGENT.

- DRY CHEMICAL TYPE FIRE EXTINGUISHERS: CARBON STEEL TANK, WITH PRESSURE GAGE
- STORED PRESSURE OPERATED, DEEP DRAWN
- CLASS: 4A - 60B C
- SIZE: 10 POUND

F.E.C. DENOTES SEMI-RECESSED FIRE EXTINGUISHER CABINET AND EXTINGUISHER TO COMPLY WITH PRODUCT REQUIREMENTS OF NFPA 10 AND APPLICABLE CODES, WHICHEVER IS MORE STRINGENT.

- DRY CHEMICAL TYPE FIRE EXTINGUISHERS: CARBON STEEL TANK, WITH PRESSURE GAGE
- STORED PRESSURE OPERATED, DEEP DRAWN
- CLASS: 4A - 60B C
- SIZE: 10 POUND

F.E.C. DENOTES RECESSED FIRE EXTINGUISHER CABINET AND EXTINGUISHER TO COMPLY WITH PRODUCT REQUIREMENTS OF NFPA 10 AND APPLICABLE CODES, WHICHEVER IS MORE STRINGENT.

- DRY CHEMICAL TYPE FIRE EXTINGUISHERS: CARBON STEEL TANK, WITH PRESSURE GAGE
- STORED PRESSURE OPERATED, DEEP DRAWN
- CLASS: 4A - 60B C
- SIZE: 10 POUND

ALL FIRE EXTINGUISHER LOCATIONS TO BE APPROVED BY FIRE MARSHAL AND/OR AHJ

▨ DELINEATED PATH OF EGRESS TO BE PAINTED YELLOW ON FLOOR

GENERAL NOTE:

1. BUSINESS EGRESS TRAVEL DISTANCE IS 300' - 0" WITH SPRINKLER PER IBC 1016.1 & LSC 39.2.6, EXCEPTION 1.

FIVE BELOW

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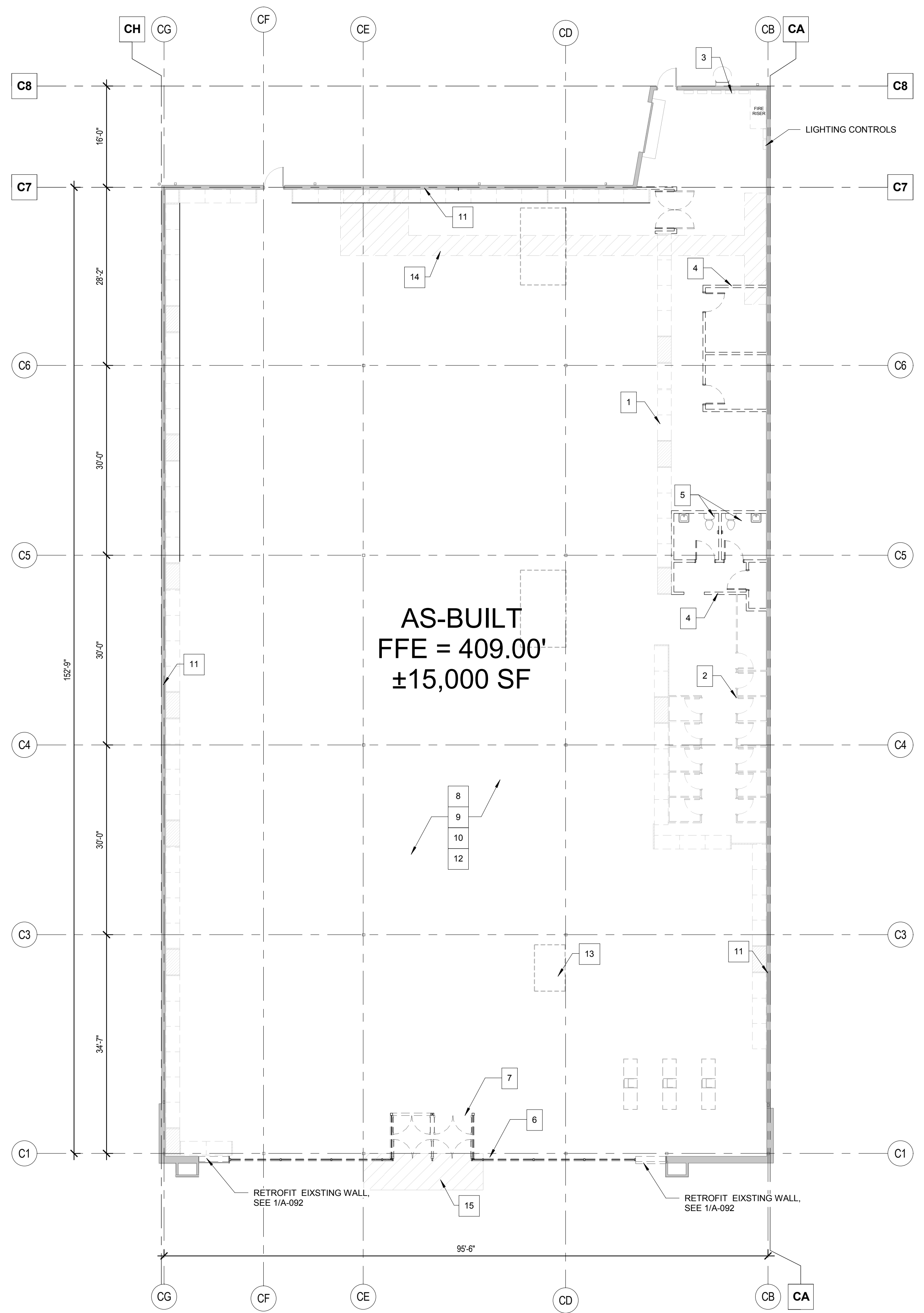
Revisions

No.	Description

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13 MARCH 2018	2017259.00
Sheet Title	
LIFE SAFETY PLAN	

Sheet No.
A-090

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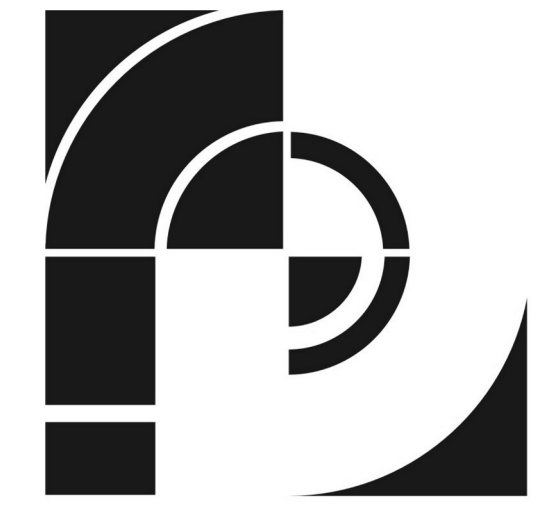
PARTITION LEGEND	
[Solid Line]	EXISTING TO REMAIN
[Dashed Line]	EXISTING TO BE DEMOLISHED
[Thick Solid Line]	NEW PARTITIONS

-KEYNOTE LEGEND-	
MARK	DESCRIPTION
1	REMOVE EXISTING OLD NAVY PONY WALLS
2	REMOVE EXISTING OLD NAVY DRESSING ROOMS
3	EXISTING ELECTRICAL PANELS TO REMAIN
4	REMOVE ALL EXISTING WALLS
5	REMOVE EXISTING RESTROOMS
6	REMOVE EXISTING STOREFRONT
7	REMOVE EXISTING VESTIBULE
8	REMOVE EXISTING LIGHTING AND ELECTRICAL EQUIPMENT
9	REMOVE ALL EXISTING DUCT THROUGHOUT
10	REMOVE ALL EXISTING FLOOR FINISHES AND CLEAN EXISTING CONCRETE SLAB TO "LIKE" NEW CONDITION AND PREPARE SLAB FOR NEW FINISH
11	PATCH AND REPAIR GYP. AS REQUIRED, MATCH EXISTING
12	REMOVE ALL PLUMBING / COMPONENTS, CAP AT SLAB
13	RTU UNIT LOCATIONS TO REMAIN, REPLACE EXISTING RTUS WITH LARGER UNITS, SEE MECHANICAL DRAWINGS
14	SAW CUT AREAS TO RECEIVE NEW PLUMBING TRENCHES. BACKFILL WITH CLEAN GRAVEL AND VAPOR BARRIER TO MATCH EXISTING UNDER SLAB CONDITIONS. FINISH CONCRETE TO LIKE CONDITION OF SURROUNDING ADJACENT SURFACES.
15	SAW CUT AREAS TO RECEIVE NEW PILASTER FOOTING. ALIGN SAW CUTS WITH EXISTING EXPANSION JOINTS.

DEMOLITION PLAN GENERAL NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL REQUIRED PERMITS, INSPECTION CERTIFICATES, ETC. FOR THE SCOPE OF THE WORK.
- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE PREVAILING EDITIONS OF ALL APPLICABLE STATE AND LOCAL CODES.
- DEMOLITION PLANS SHOW APPROXIMATE LAYOUT OF THE EXISTING BUILDING AND ARE NOT INTENDED TO REPRESENT PRECISE "AS-BUILT" CONDITIONS. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL VISIT THE PROJECT SITE AND BECOME FAMILIAR WITH ALL JOB CONDITIONS, INCLUDING EXISTING MECHANICAL, PLUMBING, AND ELECTRICAL WORK.
- VISITS TO THE SITE DURING THE BID PHASE SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING CONSTRUCTION AND SHALL VERIFY DIMENSIONS RELATING TO EXISTING CONDITIONS BEFORE ANY NEW CONSTRUCTION OF PARTITIONS OR WALLS IS COMMENCED. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT AT ONCE.
- SHOULD THE CONTRACTOR ENCOUNTER CONDITIONS AT THE SITE MATERIALLY DIFFERING FROM THOSE INDICATED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY GIVE NOTICE TO THE OWNER'S REPRESENTATIVE OF SAID CONDITIONS BEFORE THEY ARE DISTURBED.
- THE CONTRACTOR SHALL CEASE OPERATIONS IMMEDIATELY IF HAZARDOUS OR CONTAMINATED MATERIALS SUCH AS ASBESTOS OR POLYCHLORINATED BIPHENYL (PCB), NOT PREVIOUSLY RENDERED HARMLESS, ARE ENCOUNTERED. CONTACT ARCHITECT AND OWNER IN WRITING. DO NOT RESUME OPERATIONS UNTIL DIRECTED. HAZARDOUS OR CONTAMINATED MATERIALS HAVE BEEN RENDERED HARMLESS, AND CONDITIONS ARE AGREED TO BY OWNER AND CONTRACTOR IN WRITING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL TRADES. THIS INCLUDES SCHEDULING OF ALL WORK TO BE PERFORMED, COORDINATION OF ALL CUTTING, FITTING, PATCHING AND REPAIRING AS REQUIRED, ETC.
- THE OWNER AND AFFECTED TENANT SHALL BE NOTIFIED PRIOR TO SHUTDOWN OF ANY SHARED MECHANICAL, PLUMBING AND/OR ELECTRICAL SYSTEMS.
- THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT THE BUILDING OCCUPANTS, MATERIALS AND EXISTING FINISHES THROUGHOUT THE DURATION OF THE WORK, INSIDE AND OUTSIDE THE SCOPED AREA. BARRIERS TO CONTROL NOISE, DUST, AND SECURITY BETWEEN CONSTRUCTION AREAS AND OCCUPIED AREAS OR PUBLIC AREAS SHALL BE ERRECTED AND MAINTAINED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND BRACING AS REQUIRED FOR TEMPORARY SUPPORT OF ALL WORK TO BE PERFORMED. THE SHORING AND BRACING SHALL PREVENT MOVEMENT, SETTLEMENT, AND/OR COLLAPSE OF STRUCTURE OR ELEMENT SHOWN TO REMAIN. IF REQUIRED SHORING AND BRACING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE LOCAL JURISDICTION.
- EXISTING CONSTRUCTION SHOWN TO REMAIN INCLUDING BUT NOT LIMITED TO WALLS, PARTITIONS, DOORS, FRAMES, CONSTRUCTION AND MATERIALS BEYOND THE SCOPED AREA ETC. SHALL BE PROTECTED FROM WEATHER AND OTHER DAMAGE DURING CONSTRUCTION ACTIVITIES. DAMAGE TO EXISTING CONSTRUCTION SHOWN TO REMAIN SHALL BE RESTORED TO MATCH PRE-DAMAGED ADJACENT CONDITION AT NO ADDITIONAL COST TO OWNER.
- EXISTING ITEMS OR MATERIAL TO BE SALVAGED SHALL EITHER BE CAREFULLY REMOVED, CLEANED AND STORED AT A LOCATION PROVIDED BY THE OWNER OR SHALL BE CAREFULLY REMOVED, CLEANED, TEMPORARILY STORED AND RE-USED AS SHOWN ON DRAWINGS. CONTRACTOR SHALL MAINTAIN AND PROVIDE TO OWNER A LIST OF ALL REMOVED AND SALVAGED ITEMS AT THE COMPLETION OF DEMOLITION WORK. SALVAGE EXISTING RATED DOORS, WINDOWS AND FRAMES TO MAINTAIN RATINGS FOR RE-USE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATION OF MATERIAL, WITHOUT PERMANENT DAMAGE OR MARRING. NEW MATERIAL SHALL BE SUBSTITUTED FOR EXISTING MATERIAL THE CONTRACTOR IS UNABLE TO PROTECT FROM PERMANENT DAMAGE OR MARRING.
- EXISTING UTILITIES OR OTHER MECHANICAL, ELECTRICAL OR PLUMBING EQUIPMENT REQUIRING REMOVAL, CAPPING, TERMINATION, AND/OR RELOCATION SHALL BE INCLUDED IN THE OVERALL SCOPE AND PERFORMANCE OF THE PROJECT BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROTECT AND SHALL NOT DISCONNECT ALL EXISTING FIRE ALARM DEVICES, SMOKE ALARMS, SPRINKLER HEADS, EXIT SIGNS, ASSOCIATED WIRING, AND OTHER LIFE SAFETY DEVICES IN OPERATION. RELOCATE AS REQUIRED IN NEW PLAN.
- EXISTING CONCRETE FLOOR SLABS, MASONRY WALLS AND EXISTING STRUCTURAL FRAMING SYSTEMS SHOWN TO BE REMOVED SHALL BE CLEANLY SAWCUT FROM EXISTING CONSTRUCTION. COMPLETELY REMOVE FOOTINGS, FOUNDATIONS AND ABOVEGROUND AND UNDERGROUND CONSTRUCTION AND INDICATED ON DRAWINGS.
- EXISTING EXTERIOR WALL INSULATION SHALL BE LEFT IN PLACE OR SHALL BE REPLACED WITH NEW MATERIAL OF EQUAL INSULATING VALUE.
- WHERE FINISHES ARE SHOWN TO BE REMOVED FROM EXISTING CONSTRUCTION, REPAIR AND PATCH REMAINING SUBSTRATES AND PREPARE FOR NEW FINISH. CAREFULLY REPAIR AND PATCH ALL REMAINING SUBSTRATES THAT WERE ORIGINALLY CONCEALED BY EXISTING FINISHES, BUT WILL NOW BE EXPOSED IN THE NEW CONSTRUCTION.
- ALL INFILL OR REPLACEMENT WORK IS TO MATCH EXISTING CONDITIONS IN MATERIALS, CONSTRUCTION, RATING AND FINISH, UNLESS SPECIFICALLY NOTED ELSEWHERE IN THE CONSTRUCTION DOCUMENTS.
- EXISTING CONDITIONS DISTURBED BY NEW WORK MUST BE RESTORED WITH SIMILAR NEW MATERIAL TO A CLEAN NEW CONDITION. ALL NEW MATERIALS SHALL MATCH EXISTING UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEBRIS REMOVAL. DO NOT ALLOW DEBRIS TO ACCUMULATE. ALL AREAS TO BE LEFT CLEAN DAILY. WASH AND CLEAN ALL WORK AFFECTED BY CONSTRUCTION AT COMPLETION OF PROJECT. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH TENANT AND SHALL VERIFY ALL TENANT REQUESTS WITH OWNERS REPRESENTATIVE PRIOR TO PERFORMING SUCH REQUESTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTION OF IRREGULARITIES IN FLOOR FINISH AND/OR ELEVATION THAT BECOME APPARENT DUE TO DEMOLITION.
- REMOVE ALL OBSOLETE PLUMBING, MECHANICAL, AND ELECTRICAL EQUIPMENT IN THEIR ENTIRETY THROUGHOUT TENANT SPACE AND ON THE ROOF. PARTICULARLY WHERE EXISTING ITEMS WILL INTERFERE WITH THE INSTALLATION OF NEW CONSTRUCTION, OR WHERE EXISTING ITEMS WILL BE EXPOSED IN THE NEW CONSTRUCTION, UNLESS SPECIFICALLY NOTED ELSEWHERE IN THE CONTRACT DOCUMENTS TO REMAIN. REPAIR AND PATCH SYSTEMS TO REMAIN WITH MATCHING EXISTING CONSTRUCTION AND AS INDICATED IN CONTRACT DOCUMENTS. COORDINATE WITH NEW CONSTRUCTION.
- REMOVE NON-LOAD BEARING WALLS (CMU & GYP BOARD), DOORS AND FRAMES, ENCLOSURES AND ALL OTHER ITEMS INDICATED TO BE REMOVED ON THIS PLAN.
- REMOVE ALL SHELVING AND STORE FIXTURES LEFT FROM PREVIOUS TENANT.
- REMOVE ALL EXISTING FINISHES, CHAIR RAILS, GRAPHICS, ETC. AND PREP FOR NEW FINISHES.
- PATCH AND/OR REPAIR FLOOR, CEILING AND/OR WALL SURFACES WHERE EXISTING TO REMAIN, REMOVALS ARE MADE AND PREPARE TO RECEIVE NEW FINISHES.
- CONTRACTOR MUST PLAN, SCHEDULE, AND COORDINATE ALL REMOVALS (AND NEW WORK) TO AVOID INTERRUPTION OF SERVICES, ELEC., HVAC, PLUMBING, AND FIRE PROTECTION.
- INSTALL TEMPORARY STOREFRONT BARRICADE IF REQUIRED. PATCH AND REPAIR FASCIA AS REQUIRED TO MATCH ADJACENT FINISHES.
- REFER TO ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES ON ELECTRICAL, MECHANICAL, AND PLUMBING REMOVALS, MODIFICATIONS, AND PHASING.

1 DEMOLITION FLOOR PLAN
 A-091 SCALE: 3/32" = 1'-0"



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A DEVELOPMENT BY:

Hall Equities Group
 Real Estate Investment - Development - Management

7401 ALCOA RD
 BRYANT, AR 72022

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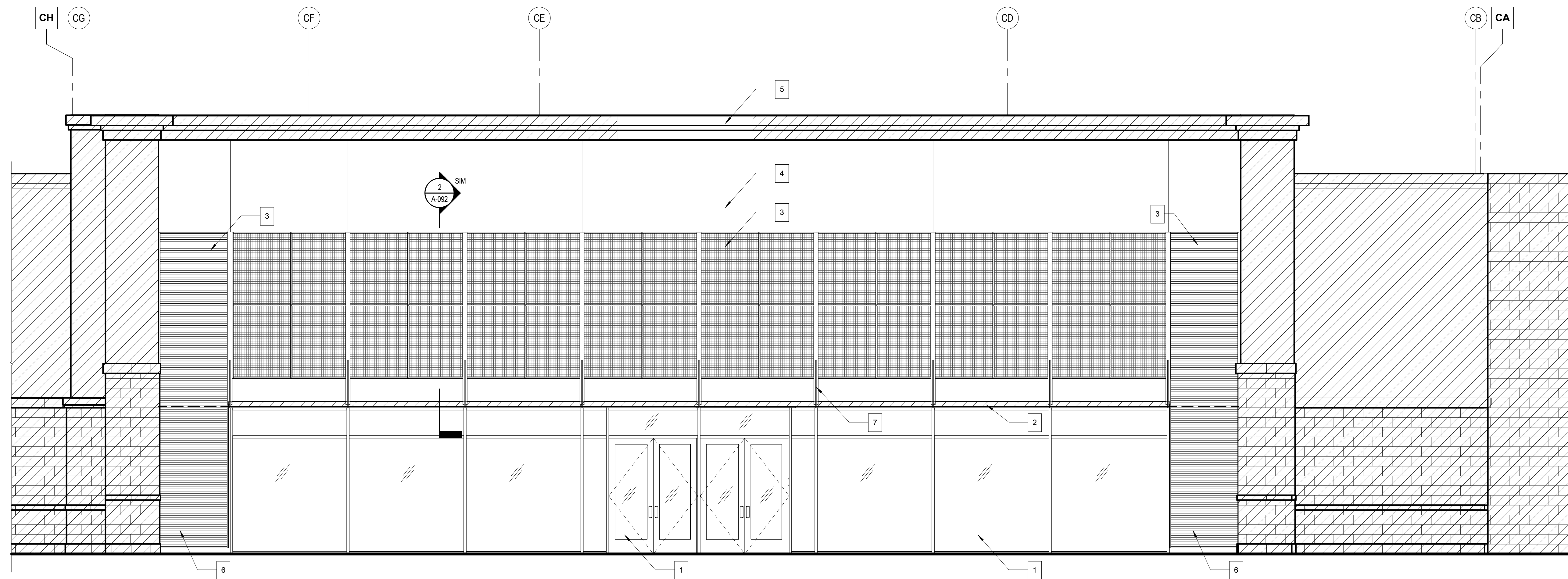
Revisions	

Date	Project No.
13 MARCH 2018	2017259.00

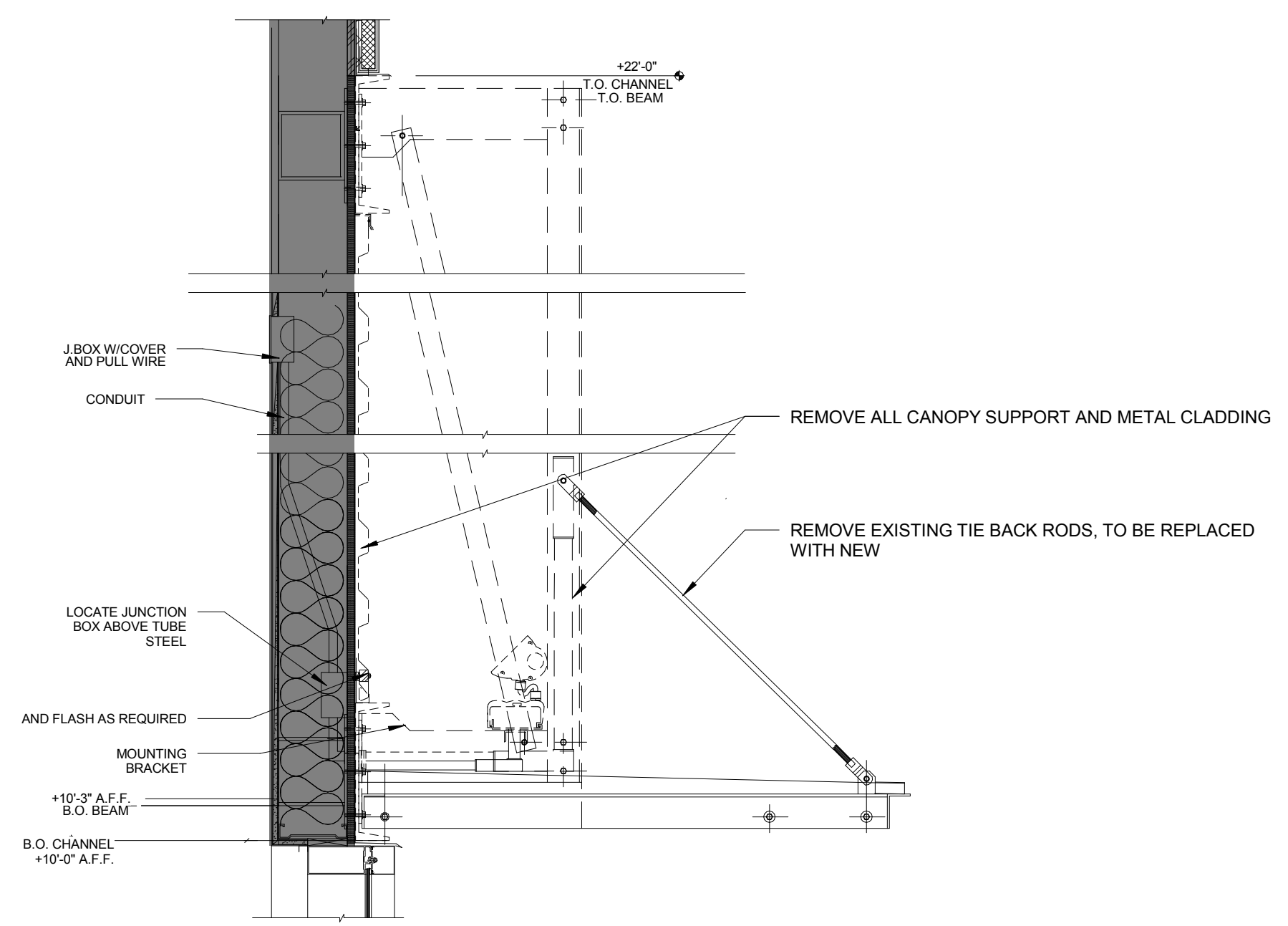
Sheet Title
 DEMOLITION FLOOR PLAN

Sheet No.
A-091

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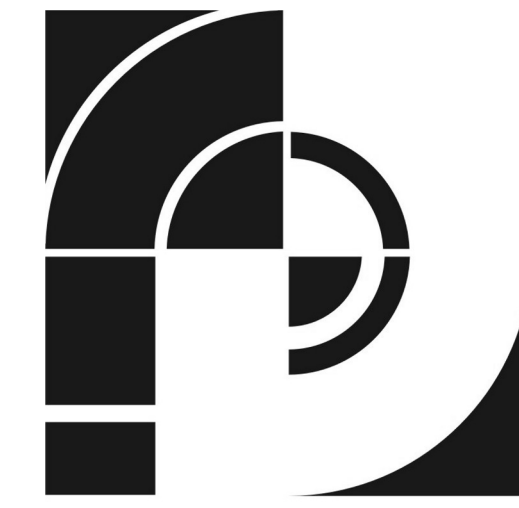
1 DEMOLITION ELEVATION
 A-092 SCALE: 1/4" = 1'-0"



2 DETAIL @ ENTRY CANOPY EXISTING
 A-092 SCALE: 1" = 1'-0"

GENERAL NOTES:
 EXISTING TO REMAIN

-KEYNOTE LEGEND-	
MARK	DESCRIPTION
1	REMOVE EXISTING STOREFRONT
2	REMOVE EXISTING CANOPY AND TIE BACK RODS, RETROFIT EXISTING CANOPY TO FIT WITH NEW DESIGN
3	REMOVE EXISTING CORRUGATED METAL PANEL
4	RETROFIT/RE-FINISH EXISTING EIFS FINISH. SEE NEW ELEVATION
5	REMOVE EXISTING EIFS CORNICE TO RECIEVE NEW PLASTER. SEE NEW ELEVATION
6	DEMO EXISTING WALL TO ACCOMMODATE NEW STOREFRONT
7	EXISTING TIE BACK RODS TO BE REMOVED AND REPLACED WITH NEW



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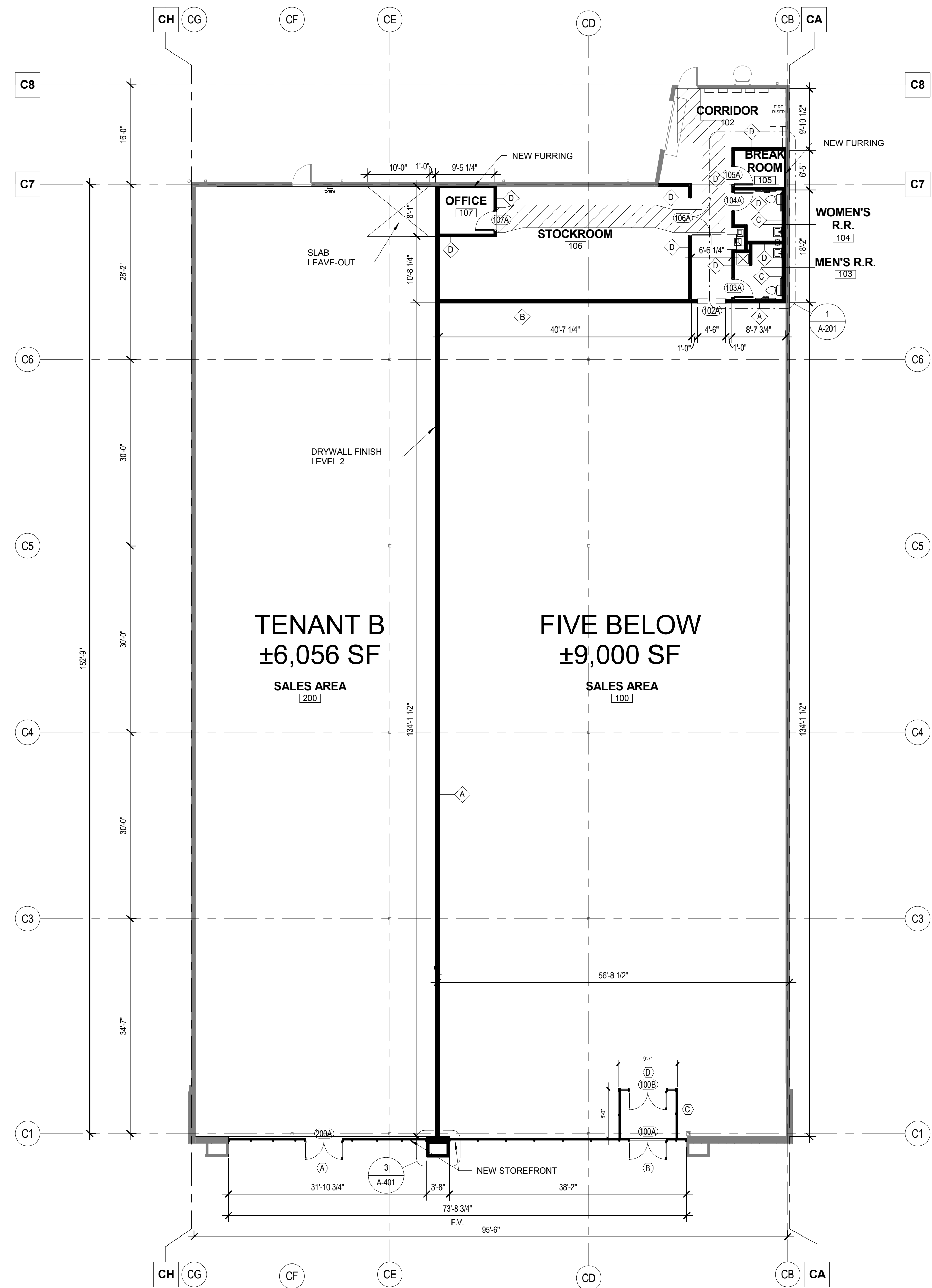
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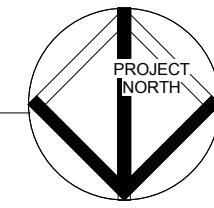
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Date: 13 MARCH 2018
 Project No.: 2017259.00
 Sheet Title: DEMOLITION EXTERIOR ELEVATIONS

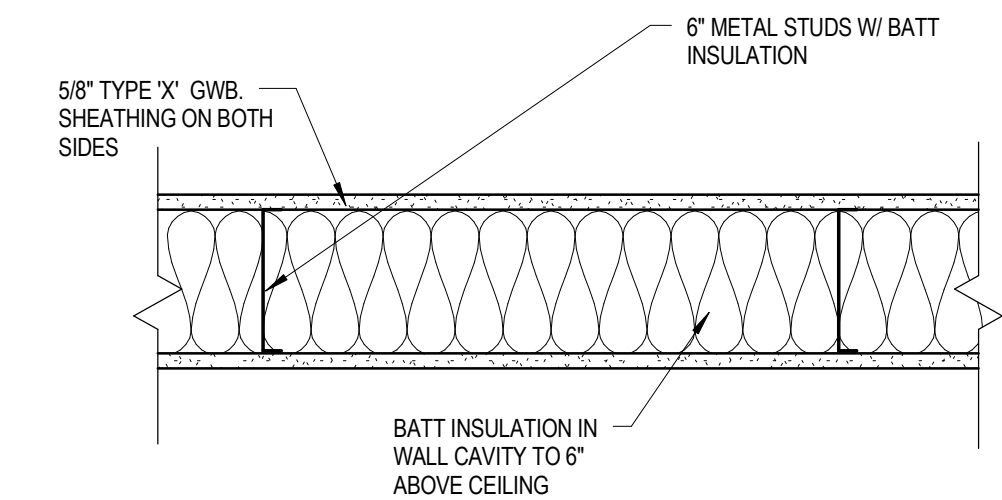
Sheet No.: **A-092**
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1
A-101 PROPOSED FLOOR PLAN
SCALE: 3/32" = 1'-0"

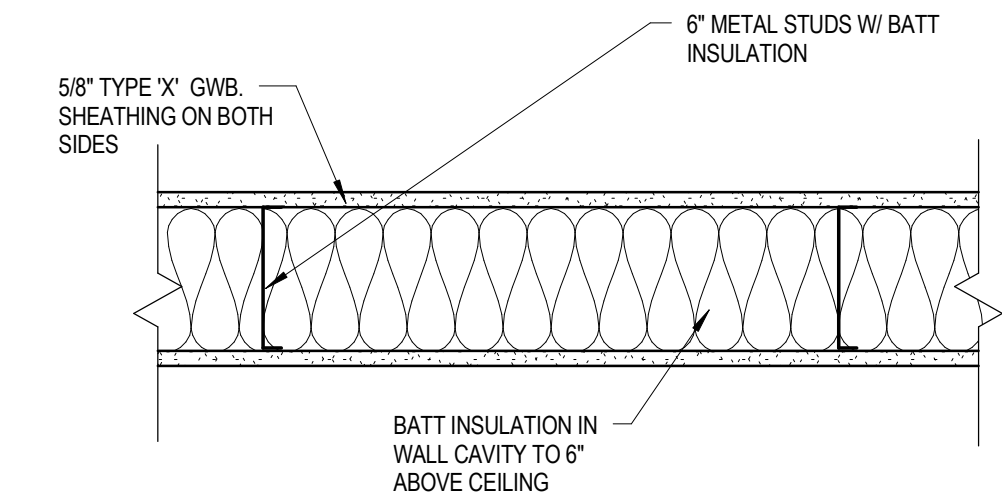


PARTITION LEGEND
 ———— EXISTING TO REMAIN
 - - - - - EXISTING TO BE DEMOLISHED
 ■■■■■ NEW PARTITIONS



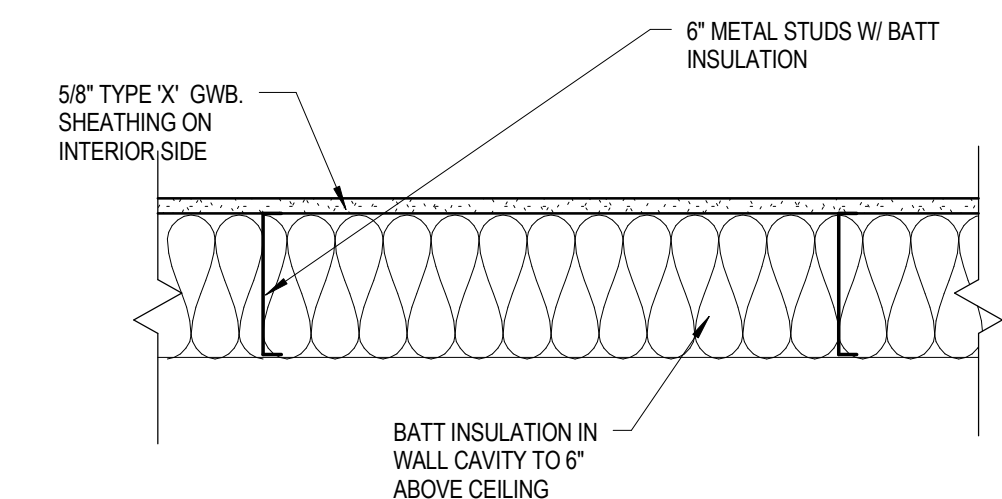
WALL TYPE 'A'

WALL HEIGHT: TO DECK
 WALL RATING: 1 HR
 RATING DESIGNATION: UL 263/ U 419



WALL TYPE 'B'

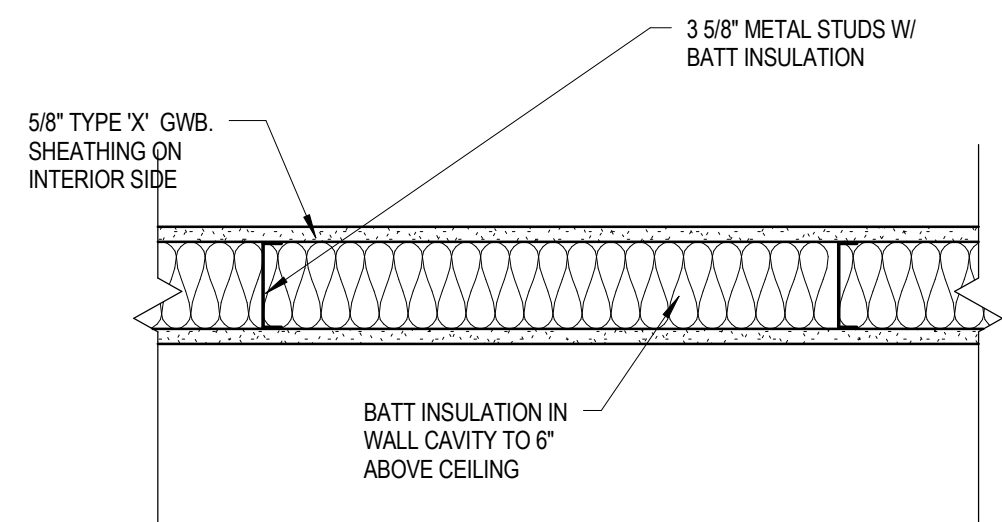
WALL HEIGHT: TO DECK
 WALL RATING: N/A
 RATING DESIGNATION: N/A



WALL TYPE 'C'

WALL HEIGHT: 6\"/>
 WALL RATING: N/A
 RATING DESIGNATION: N/A

NOTE: PROVIDE MOISTURE RESISTANT 8'-0\"/>



WALL TYPE 'D'

WALL HEIGHT: 6\"/>
 WALL RATING: N/A
 RATING DESIGNATION: N/A

NOTE: PROVIDE MOISTURE RESISTANT 8'-0\"/>

3
A-101 INTERIOR WALL PARTITIONS LEGEND
SCALE: 1 1/2" = 1'-0"



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Date: 13 MARCH 2018
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MARCH 13, 2018

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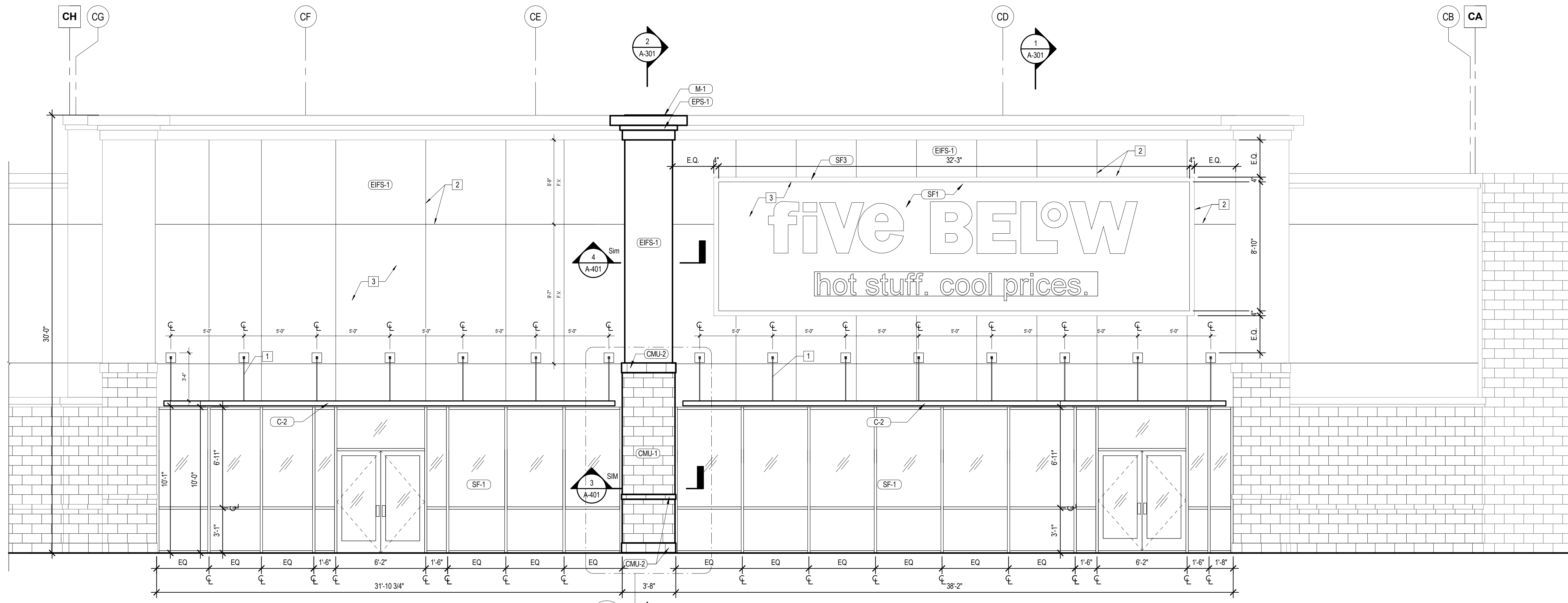
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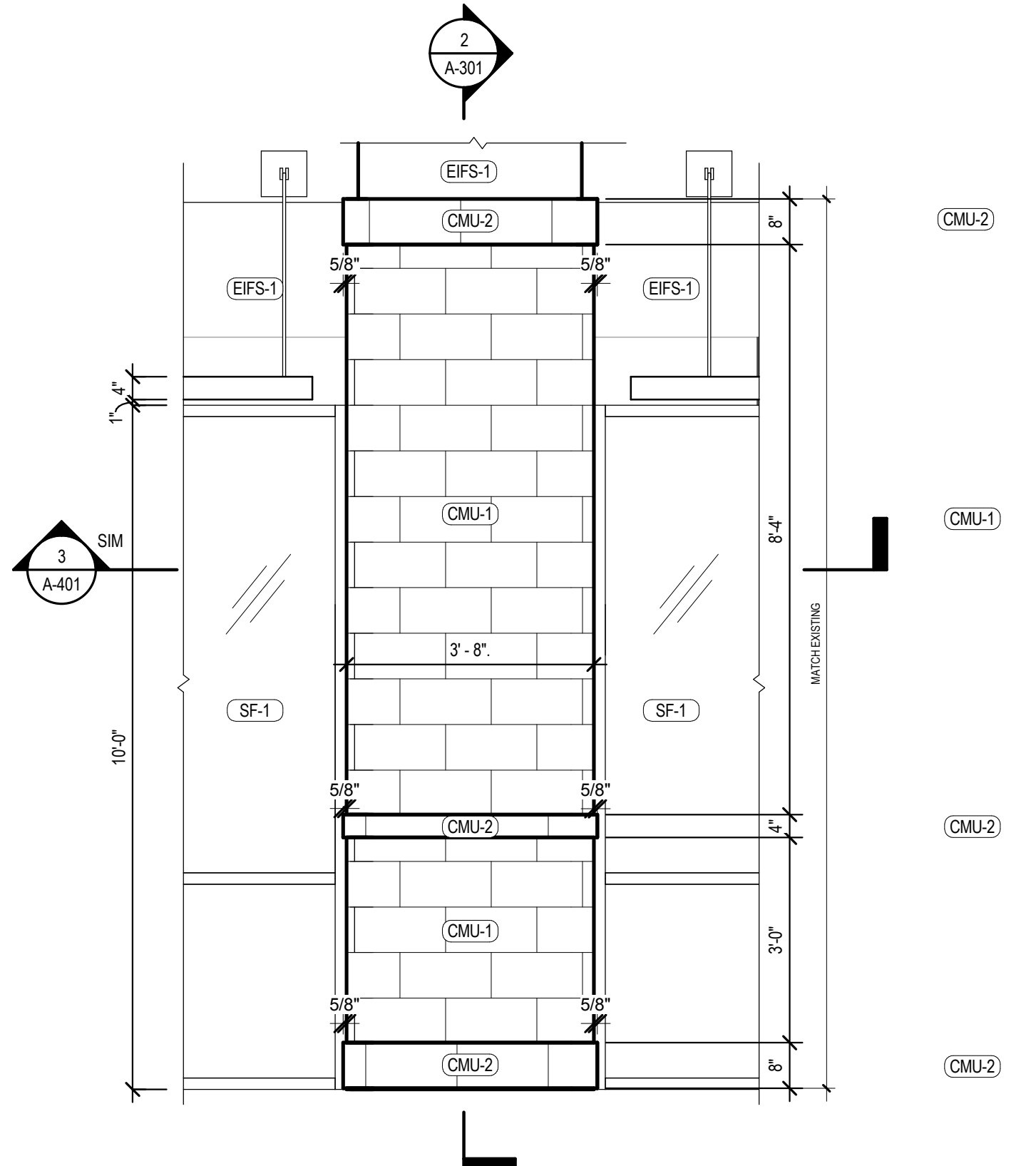
NO.	DATE	DESCRIPTION

Date: 13 MARCH 2018
Project No.: 2017259.00
Sheet Title: PROPOSED EXTERIOR ELEVATIONS

Sheet No. **A-102**
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1 PROPOSED ELEVATION
A-102 SCALE: 1/4" = 1'-0"

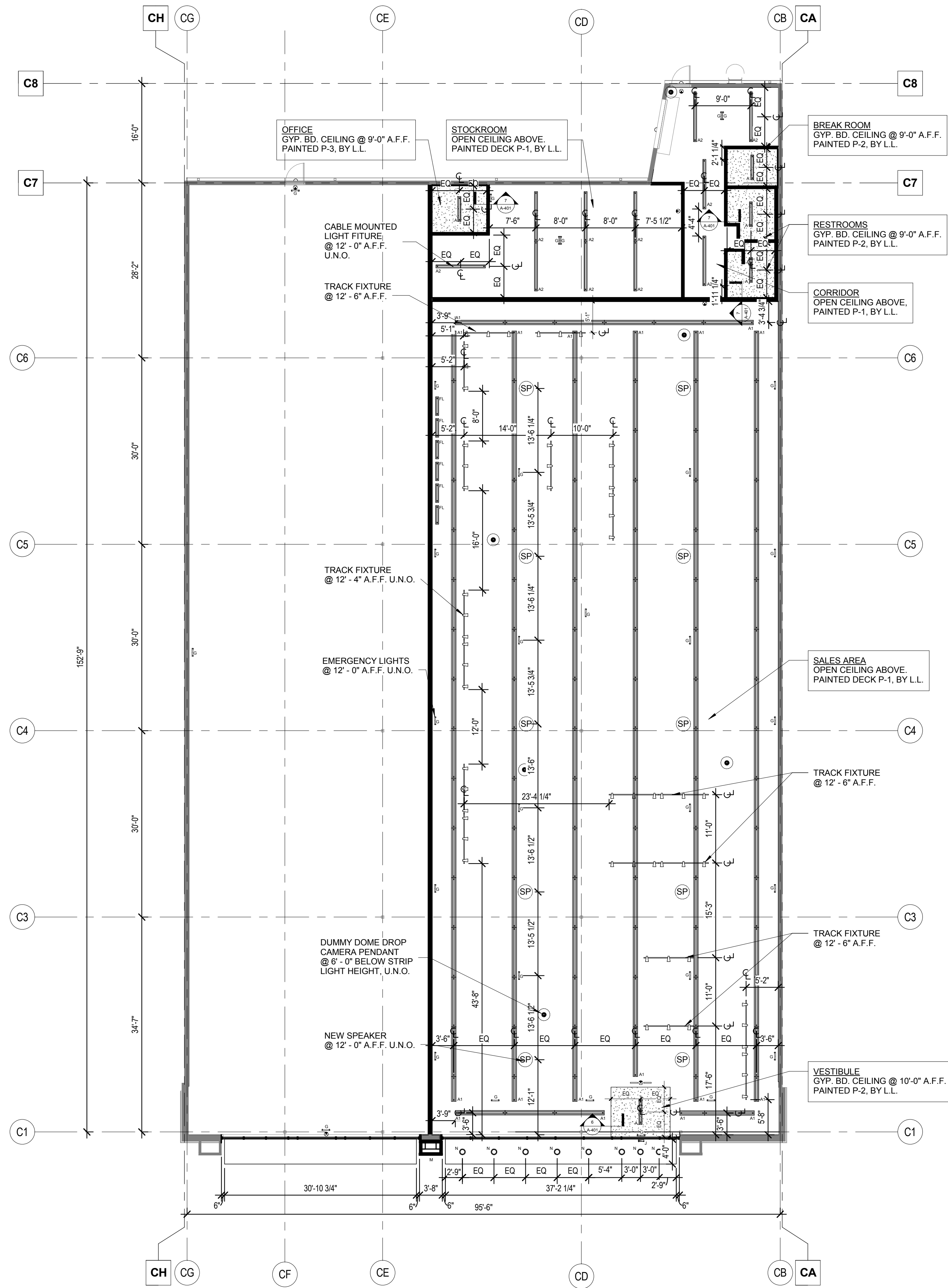


2 ENLARGED DETAIL @ NEW PILASTER
A-102 SCALE: 1/2" = 1'-0"

MATERIAL LEGEND				
MARK	CATEGORY	MANUFACTURER	DESCRIPTION	INSTALLATION / FINISH
C-2	METAL CANOPY	PREFABRICATED	ALUMINIUM	EXISTING CANOPY
CMU-1	CMU BLOCK	VERIFY	ROCK FACE	MATCH EXISTING COLOR
CMU-2	CMU BLOCK	VERIFY	SMOOTH	MATCH EXISTING COLOR
EIFS-1	EIFS	DRYVIT OR EQUAL	S.W. #7690	DIRT PICK-UP RESISTANT; FINISH: FINE TEXTURE; COLOR TO MATCH: S.W. #7690 "TOWNHALL TAN"
EPS-1	EXPANDED POLYSTYRENE SHAPE	SIERRA STONE	EPS	COLOR TO MATCH EXISTING
M-1	METAL COPING	PAC CLAD	MEDIUM BRONZE	PREFINISHED
SF1	STOREFRONT FINISH	DRYVIT OUTSULATION PLUS MD	STOREFRONT EIFS SYSTEM 1" MIN DEPTH, FIBE-0110215	"FIVE BELOW" BLUE SIGNANGE EIFS
SF3	STOREFRONT FINISH	DRYVIT OUTSULATION PLUS MD	STOREFRONT EIFS 2"X4" FRAME, 1" MIN EIFS CORNICE, 310	"CHINA WHITE" FRAME AROUND BLUE
SF-1	STOREFRONT	KAWNEER	CLEAR ANODIZED	PREFINISHED FRAME W/ 1" INSULATED CLEAR GLAZING

*** NOTE:** THE INTENT OF THE FINISH SCHEDULE ABOVE IS TO MATCH THE EXISTING FINISHES. ALL COLORS AND MATERIALS SHOULD BE FIELD VERIFIED TO MATCH.

-KEYNOTE LEGEND-	
MARK	DESCRIPTION
1	REPURPOSED CANOPY AND TIE BACK RODS
2	3/4" REVEAL TO LINE UP WITH NEW STOREFRONT
3	PROVIDE FIRE RETARTANT WOOD BLOCKING FOR SIGNAGE



REFLECTED CEILING PLAN - LEGEND				
TYPE	SYMBOL	MANUFACT./CAT. #	DESCRIPTION	MOUNTING TYPE
A	—	DAY-BRITE LIGHTING T-2-32 UNV	4' 2 LAMP STRIP SINGLE END WIRED, SEE ELECTRICAL DRAWINGS	CEILING MOUNTED
A1	—	DAY-BRITE LIGHTING TIK-S-3-32-UNV(2) IK-BF	8' INDUSTRIAL WITH CROSS BAFFLE, SEE ELECTRICAL DRAWINGS	CABLE MOUNTED
A1.1	—	DAY-BRITE LIGHTING TIK-S-3-32-UNV(1) IK-BF	4' INDUSTRIAL WITH CROSS BAFFLE, SEE ELECTRICAL DRAWINGS	CABLE MOUNTED
A2	—	DAY-BRITE LIGHTING TT-2C-32 UNV	8' 2 LAMP STRIP SINGLE END WIRED, SEE ELECTRICAL DRAWINGS	CABLE MOUNTED
LB	—	MDI WORLDWIDE X-61964BRK-SLM70	4' FIXTURE LIGHTING IN STYLE SECTION	CLIP MOUNTED
LT-4	—	HOUSING: JUNO T4WH LAMP: PHILLIPS 17PAR38XS40940/R534WH	4' TRACK, SEE ELECTRICAL DRAWINGS	THREADED ROD, PAINTED P-1
LT-8	—	HOUSING: JUNO T8WH LAMP: PHILLIPS 17PAR38XS40940/R534WH	8' TRACK, SEE ELECTRICAL DRAWINGS	THREADED ROD, PAINTED P-1
FL	—	LOZIER QUICK CONNECT LIGHTS LKQC-3-LED4000	3' OR 4' UNDER SHELF LIGHTING	MAGNET MOUNTED
B	●	SENCO SOLUTION 9-0650-1000-02-00	DUMMY DOME DROP CAMERA, INSTALLED BY T.G.C.	PENDANT MOUNTED
E	SP		SPEAKER, INSTALLED BY F.B.	
F	⊗	EXITRONIX APMXR	UNIVERSAL EXIT LED RED, SEE ELECTRICAL DRAWINGS	SURFACE MOUNTED
G	—	SURE-LITE APEL	DUAL HEAD EMERGENCY WITH BATTERY PACK, SEE ELECTRICAL DRAWINGS	CEILING MOUNTED (HUNG)
N	○	CON-TECH LIGHTING RL38 - CTR3802-CLR	UNDER CANOPY LIGHT	SURFACE MOUNTED
J	—	EXITRONIX LL12-64-Q-WI T1212W	DUAL HEAD REMOTE WITH BATTERY	SURFACE MOUNTED
	—		DOOR CHIME PROVIDED BY F.B. INSTALLED BY T.G.C. RECEIVER TO BE INSTALLED AT CASHWRAP	SURFACE MOUNTED

- REFLECTED CEILING PLAN NOTES:**
- REFER TO GENERAL NOTES AND SPECIFICATIONS FOR MORE INFORMATION
 - G.C. TO COORDINATE W/ MECHANICAL AND STRUCTURAL DRAWINGS FOR RTU LOCATIONS.
 - REFER TO MECHANICAL DRAWINGS FOR DUCT WORK, DIFFUSERS, SUPPLY LOCATIONS. G.C. TO COORDINATE AND FIELD VERIFY DUCT WORK AND LIGHT FIXTURES AND NOTIFY ARCHITECTS IF ANY CONFLICTS & DISCREPANCY.
 - REFER TO GENERAL NOTES AND SPECIFICATIONS FOR MORE INFORMATION.
 - REFER TO ENGINEERING DRAWINGS FOR HVAC AND ELECTRICAL FIXTURES, SPECIFICATIONS AND DETAILS.
 - LIGHT FIXTURES SHOWN ON REFLECTED CEILING PLAN FOR LOCATION ONLY.
 - DIMENSIONS INDICATE STARTING POINT OF GRID. IF NOT DIMENSIONED, CENTER GRID ON SPACE SIDE AS SHOWN, STARTING WITH A FILL TILE AT THE FRONT.
 - COORDINATE ALL NEW ABOVE CEILING INSTALLATIONS TO PROVIDE DESIGN ELEMENTS AND FIXTURES AS SHOWN ON REFLECTED CEILING PLAN. CONFLICTS MAY REQUIRE INSTALLATION OF MECHANICAL, ELECTRICAL, OR PLUMBING ELEMENTS ABOVE TYPICAL MOUNTING HEIGHTS.
 - IF ACCESS DOORS ARE REQUIRED, SUBMIT PROPOSED TYPE, SIZE AND LOCATION TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
 - LOCATE ELECTRICAL DEVICES, LIFE SAFETY DEVICES, AND SPRINKLER HEADS IN BETWEEN LIGHT FIXTURE AND/OR CENTER OF ACCOUSTICAL CEILING TILE, UNLESS NOTED OTHERWISE.
 - CONCEAL FASTENERS, NO POP RIVETS.

1 PROPOSED REFLECTED CEILING PLAN
 A-112 SCALE: 3/32" = 1'-0"



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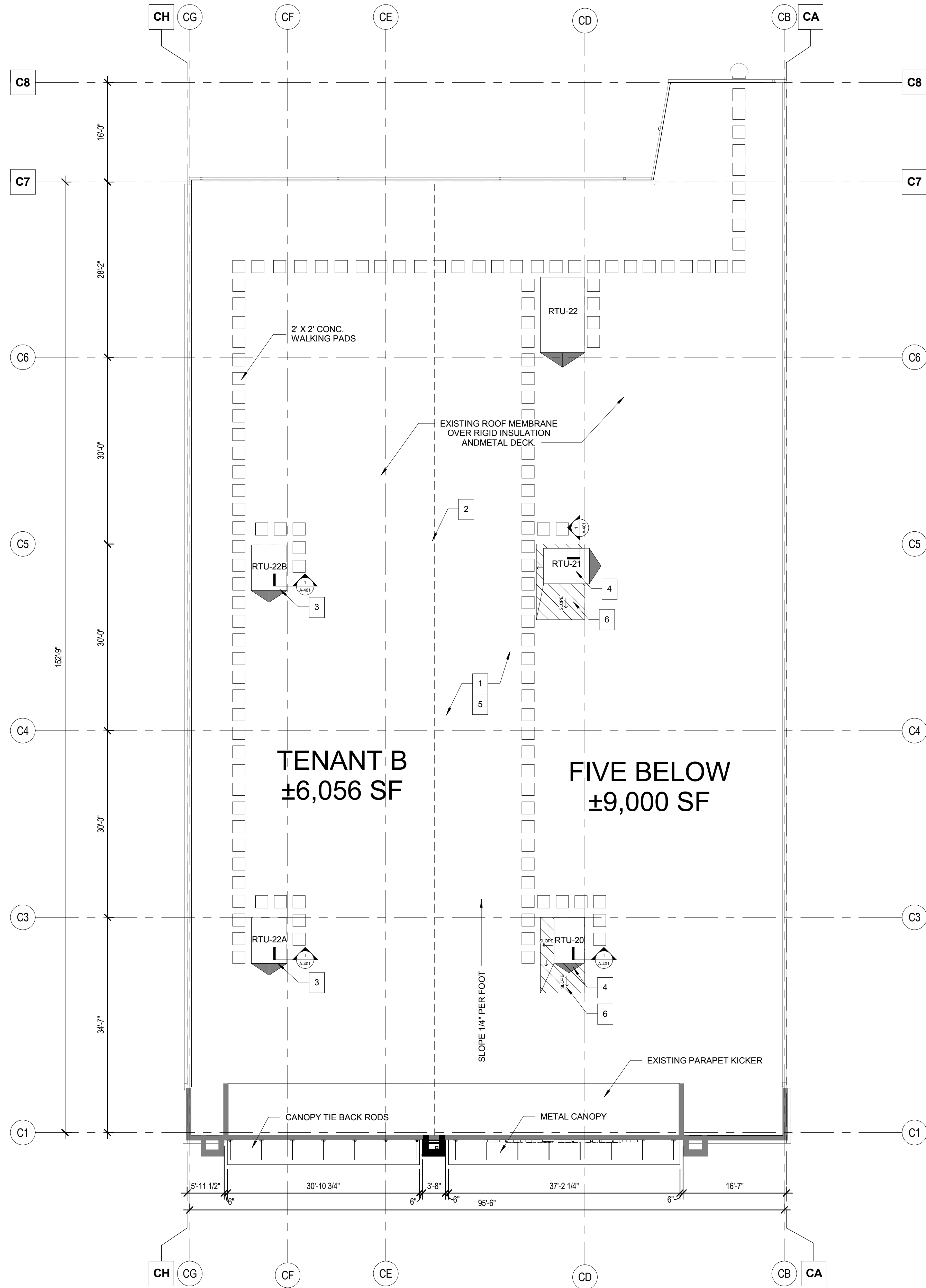
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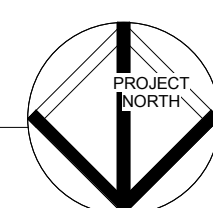
Revisions	Date	Description

Date 13 MARCH 2018
 Project No. 2017259.00
 Sheet Title PROPOSED REFLECTED CEILING PLAN

Sheet No. A-112
 Released for Construction
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1 OVERALL ROOF PLAN
A-121 SCALE: 3/32" = 1'-0"



-KEYNOTE LEGEND-

MARK	DESCRIPTION
1	EXISTING DOWNSPOUTS AND GUTTERS TO REMAIN
2	TENANT DEMISING WALL LOCATION
3	NEW RTU UNIT AND CURB
4	G.C. TO PROVIDE NEW RTU AND MODIFY OR REPLACE EXISTING CURB
5	REPAIR AND REPLACE ANY AND ALL TPO DAMAGED OR REMOVED AS PART OF CONSTRUCTION
6	LOCATION OF EXISTING RTU CURB TO BE MODIFIED FOR NEW RTU. ADD REQUIRED RIGID INSULATION TO MEET EXISTING ROOF R-VALUE.

ROOF PLAN NOTES:
1. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR MORE INFORMATION ON EQUIPMENT.



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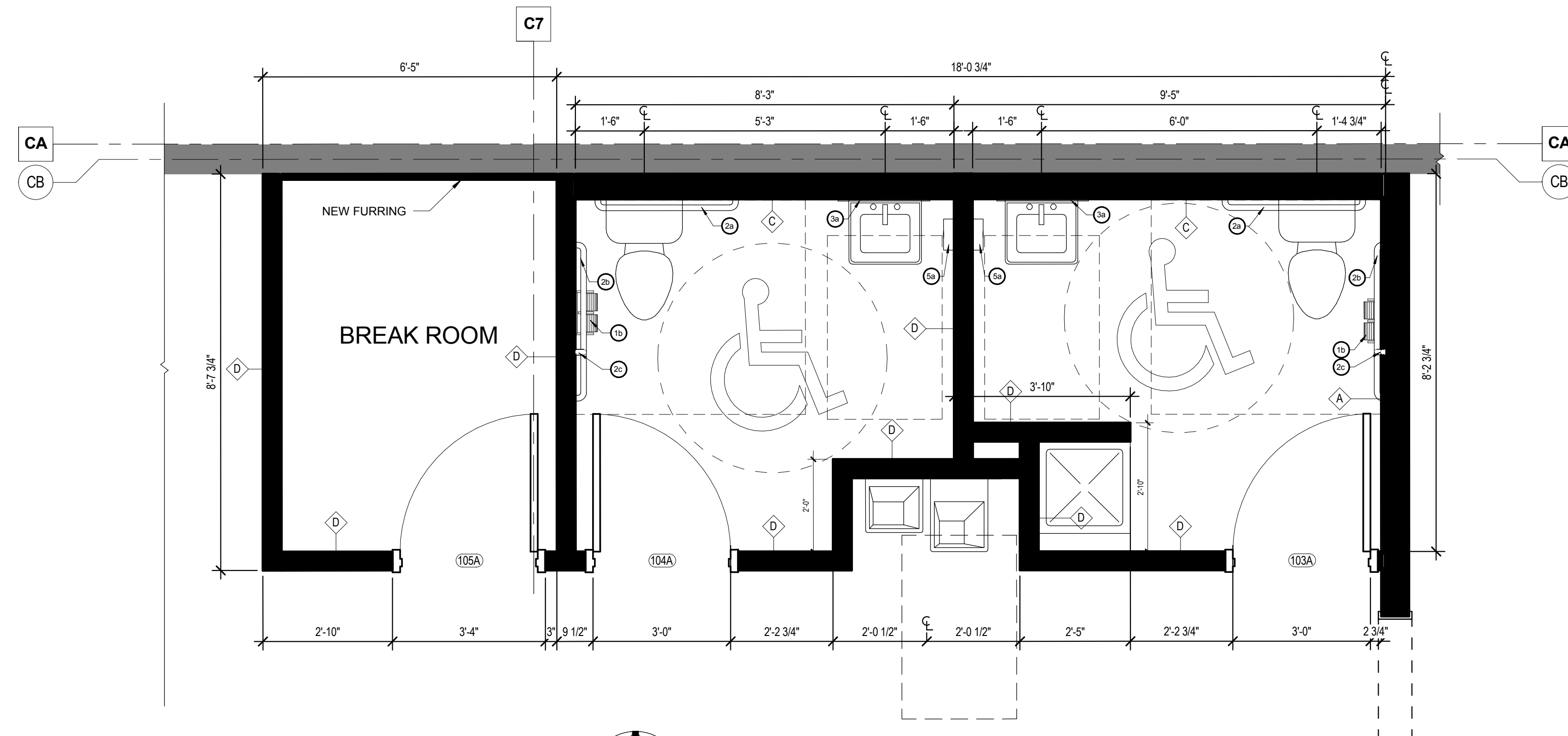
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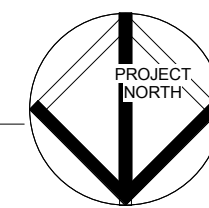
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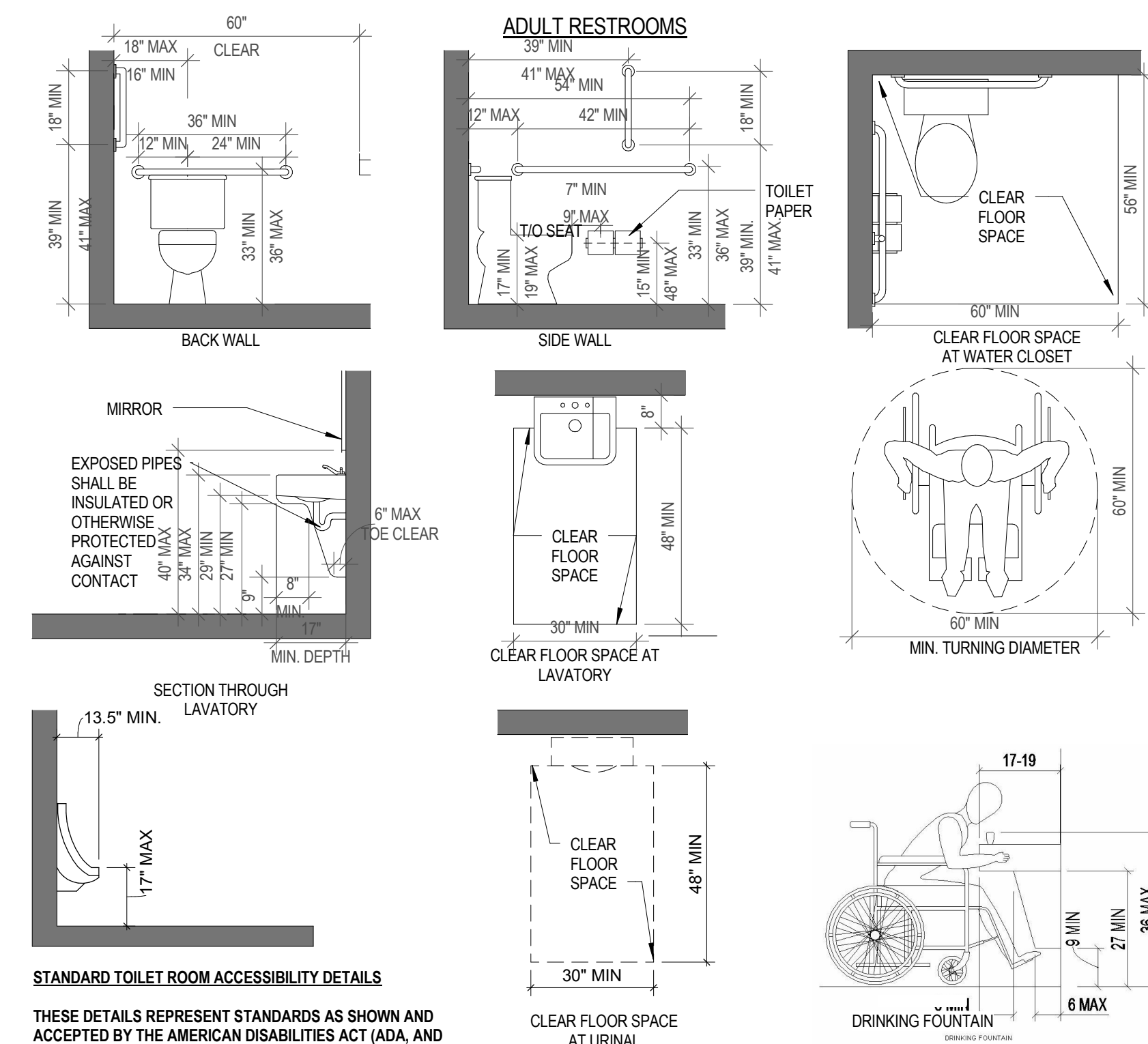
1 ENLARGED PLAN @ RESTROOMS
A-201 SCALE: 1/2" = 1'-0"



TOILET ACCESSORIES SCHEDULE...			
NUMBER	DESCRIPTION	CATAGORY #	REMARKS
1b	TOILET TISSUE DISPENSER - RECESSED MULTI-ROLL	BOBRICK B-4388	ROUGH OPENING (6-1/4" w x 11-1/4" h x 3-1/4" MIN. RECESS)
2a	GRAB BARS - 36" HORIZONTAL	BOBRICK B-6806X36	1 - 1/2" DIA. 36" LONG
2b	GRAB BARS - 42" HORIZONTAL	BOBRICK B-6806X42	1 - 1/2" DIA. 42" LONG
2c	GRAB BARS - 18" VERTICAL	BOBRICK B-6806X18	1 - 1/2" DIA. 18" TALL
3a	MIRROR - WELDED FRAME	BOBRICK B-290	AVAILABLE SIZES: 18x30, 18x36, 24x30, 24x36, 24x48, 24x60, and 24x72
5a	SOAP DISPENSER - SURFACE MOUNTED	OWNER STANDARDS	

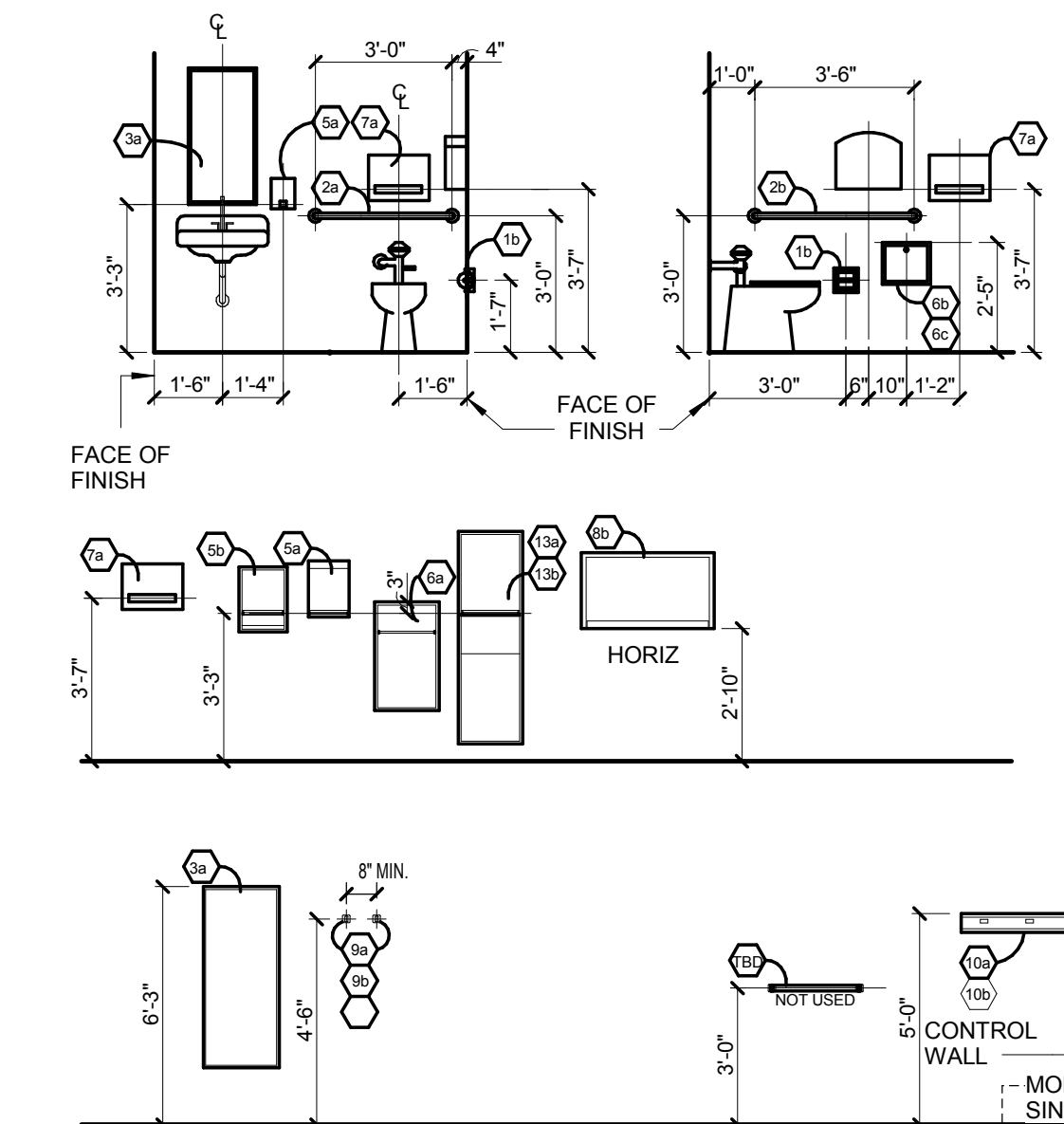
RESTROOM AND BREAKROOM NOTES

- WRAP AND INSULATE ALL EXPOSED PIPES TO MEET CODE.
- SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
- ALL ACCESSORIES, UNLESS OTHERWISE INDICATED, SHALL BE STAINLESS STEEL BY BRADLEY, BOBRICK OR APPROVED EQUAL.
- PROVIDE MANUALLY OPERATED FLUSH VALVES TO ALL TOILETS IN THE RESTROOMS; SLOAN OR APPROVED EQUAL.
- ALL TOILETS AND SINKS SHALL BE FLOOR MOUNTED.
- PROVIDE EXHAUST FANS DUCTED TO OUTSIDE AT ALL TOILET ROOMS.



STANDARD TOILET ROOM ACCESSIBILITY DETAILS
THESE DETAILS REPRESENT STANDARDS AS SHOWN AND ACCEPTED BY THE AMERICAN DISABILITIES ACT (ADA, AND ANSI A117.1) AND SHOULD BE USED AS A GUIDE FOR THE SCOPE AND TECHNICAL REQUIREMENTS FOR THIS PROJECT.

ADA DIAGRAM - GENERAL
3/8" = 1'-0"



- NOTE:**
- TOILET OPERATOR MECHANISM SHALL BE ON THE MOST ACCESSIBLE SIDE (TYPICAL).
 - NOT ALL TOILET ACCESSORIES SHOWN ABOVE ARE USED, SEE PLANS.

TOILET EQUIPMENT LEGEND
SCALE: 1/4" = 1'-0"



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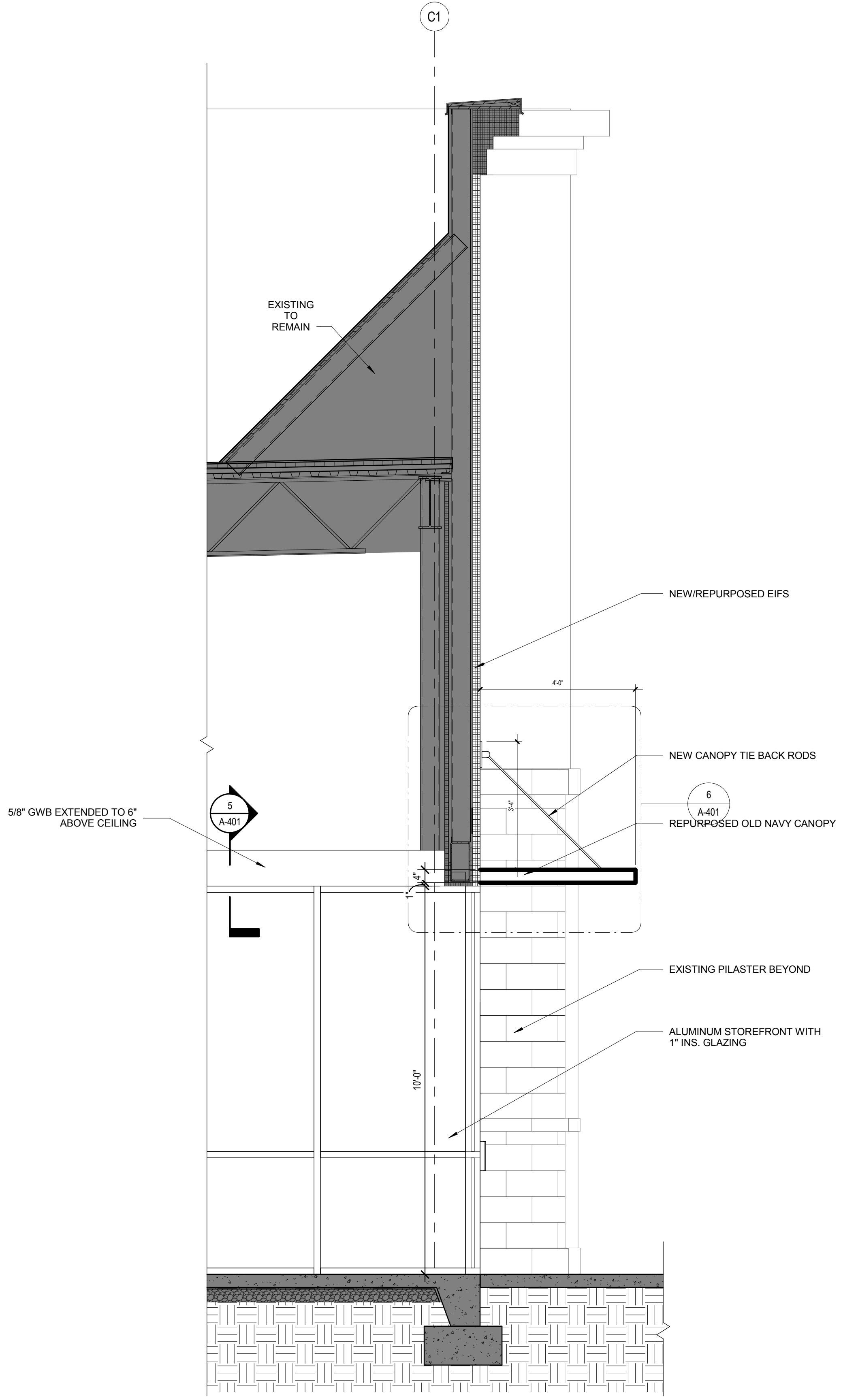
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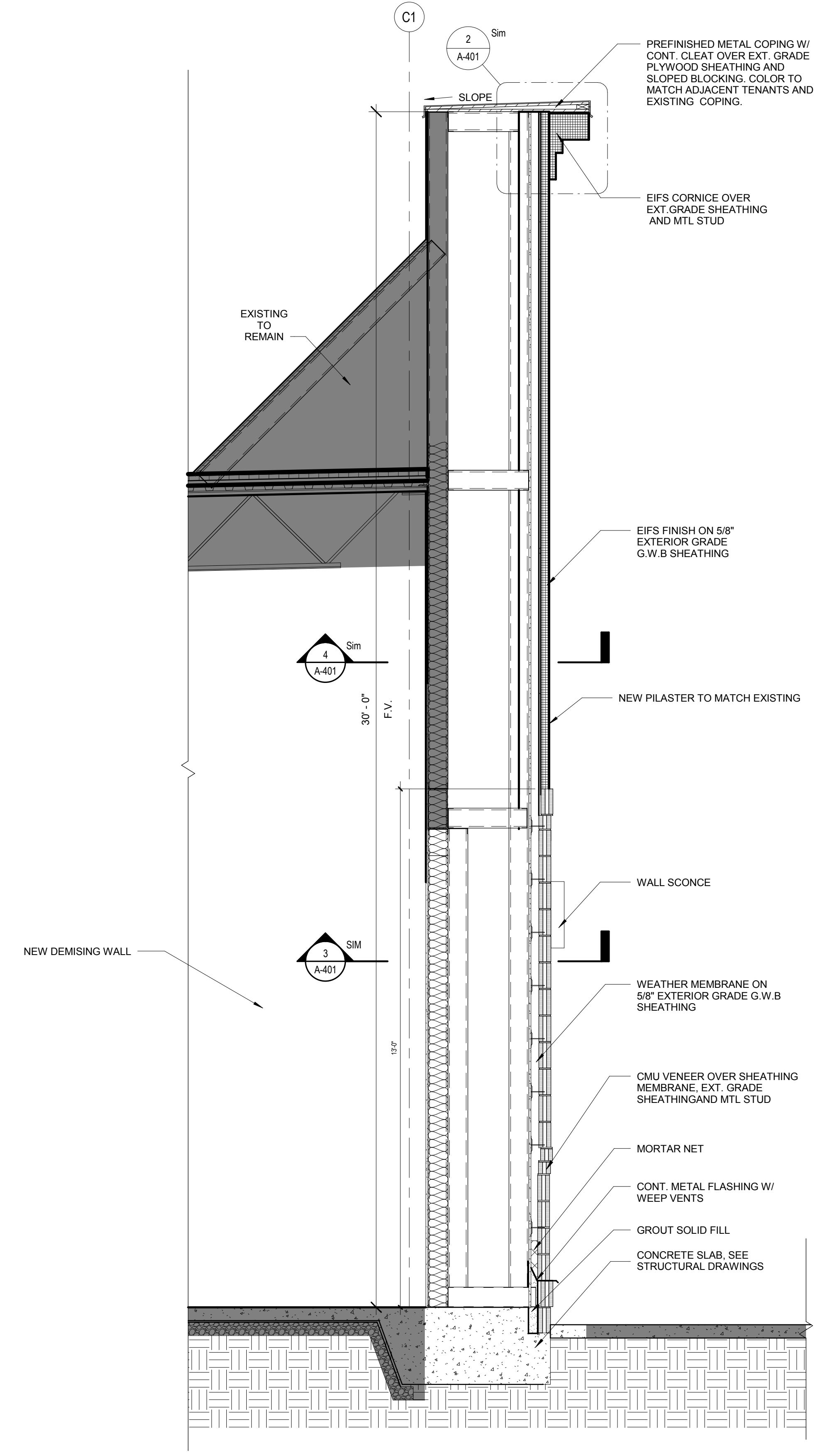
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ENLARGED PLANS	

Sheet No.
A-201
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1 SECTION @ ENTRY
A-301 SCALE: 1/2" = 1'-0"



2 SECTION @ PILASTER
A-301 SCALE: 1/2" = 1'-0"



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Sheet No. **A-301**

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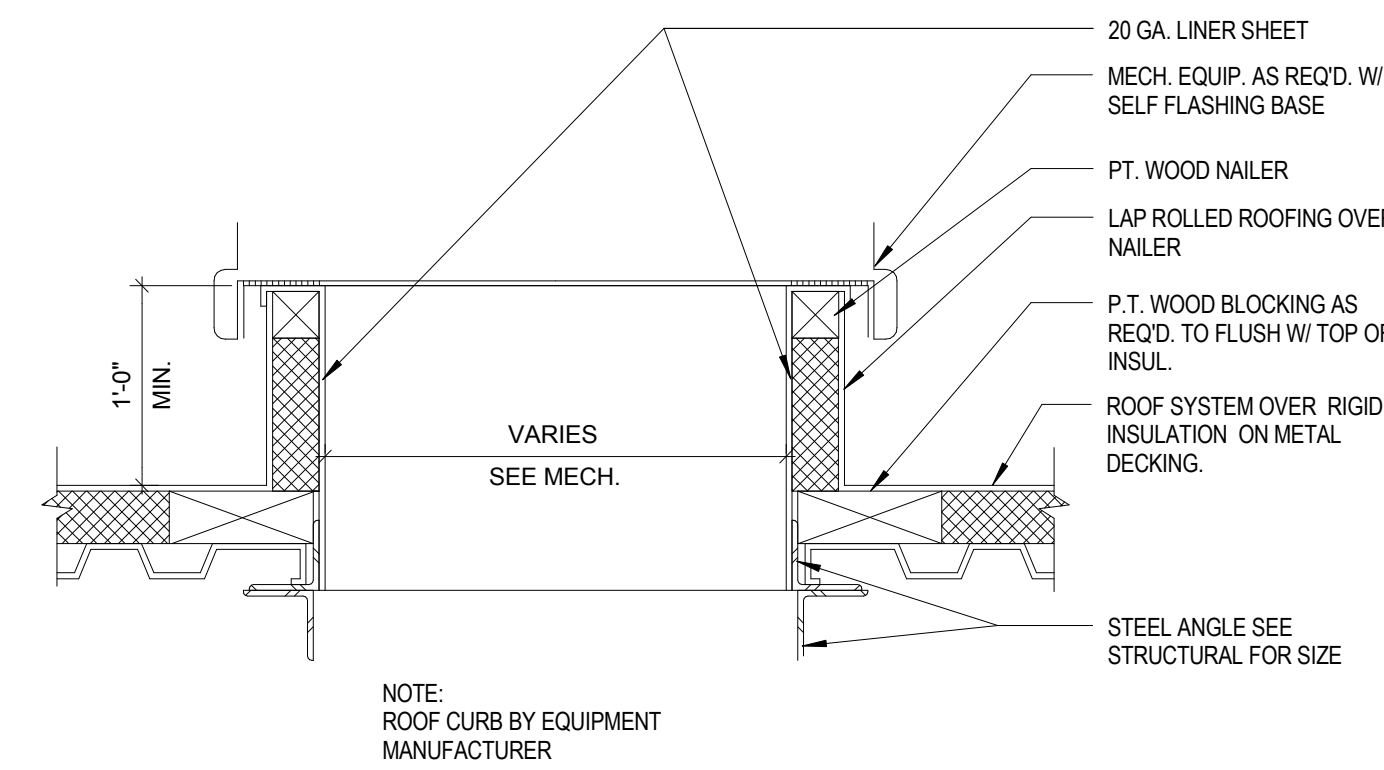
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ENLARGED SECTION DETAILS

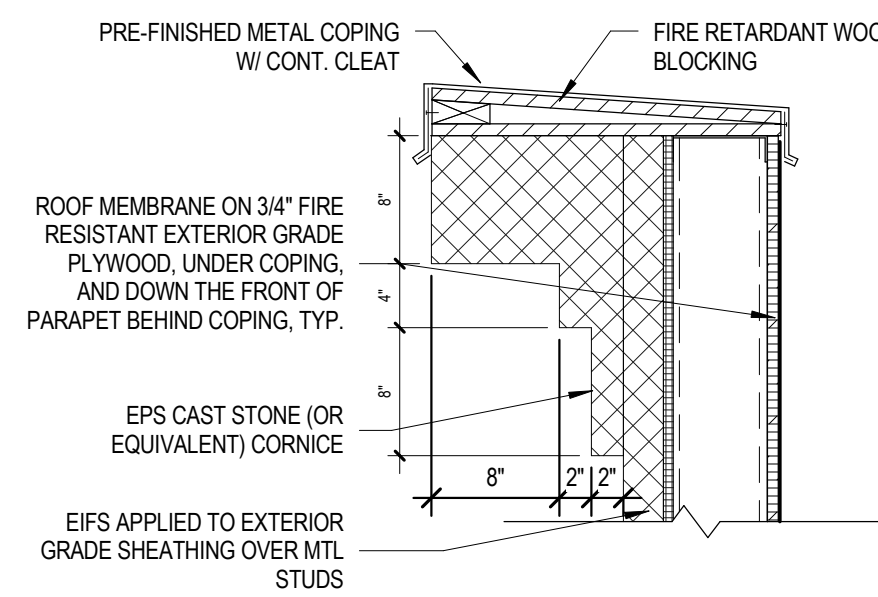
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A-401

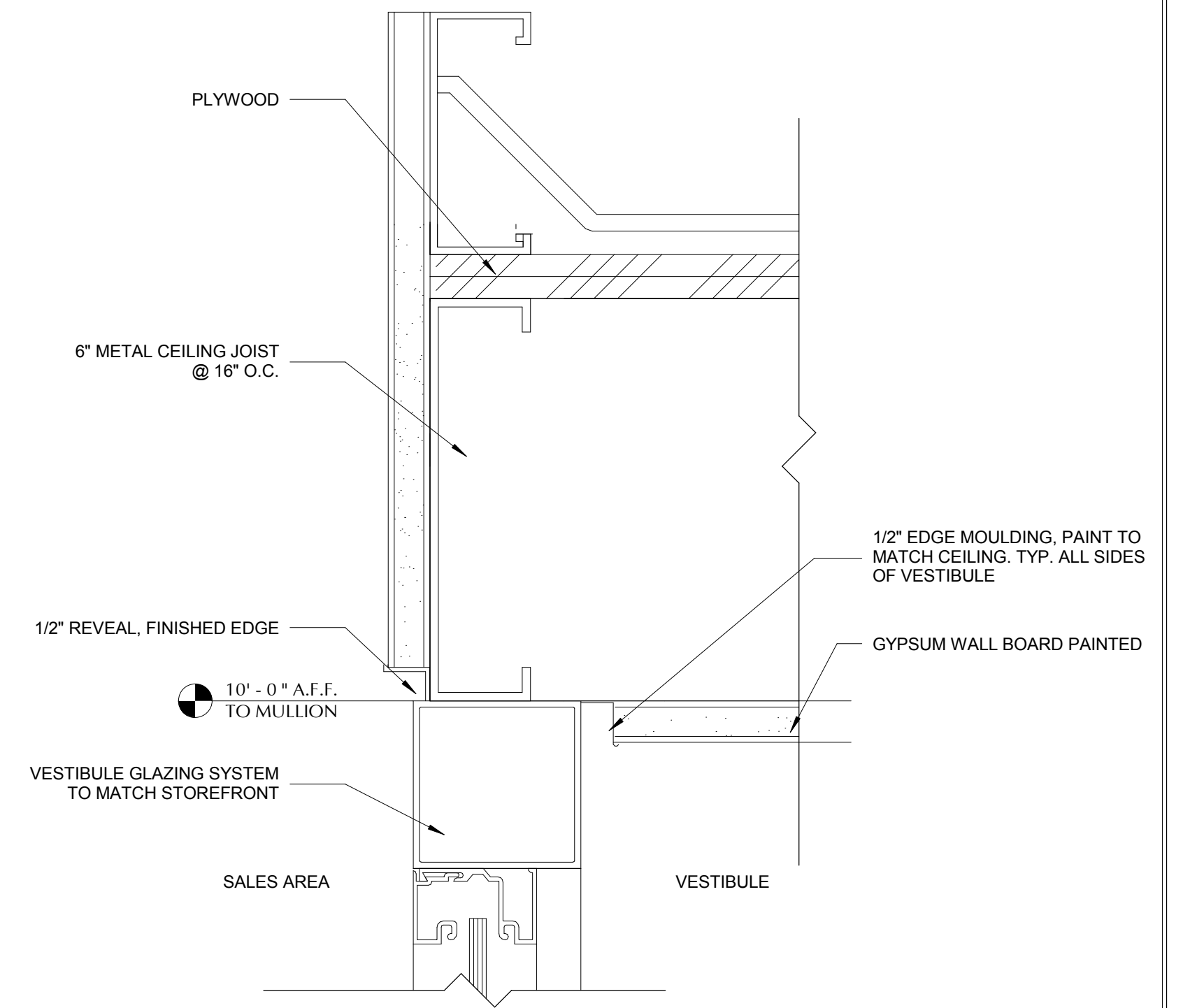
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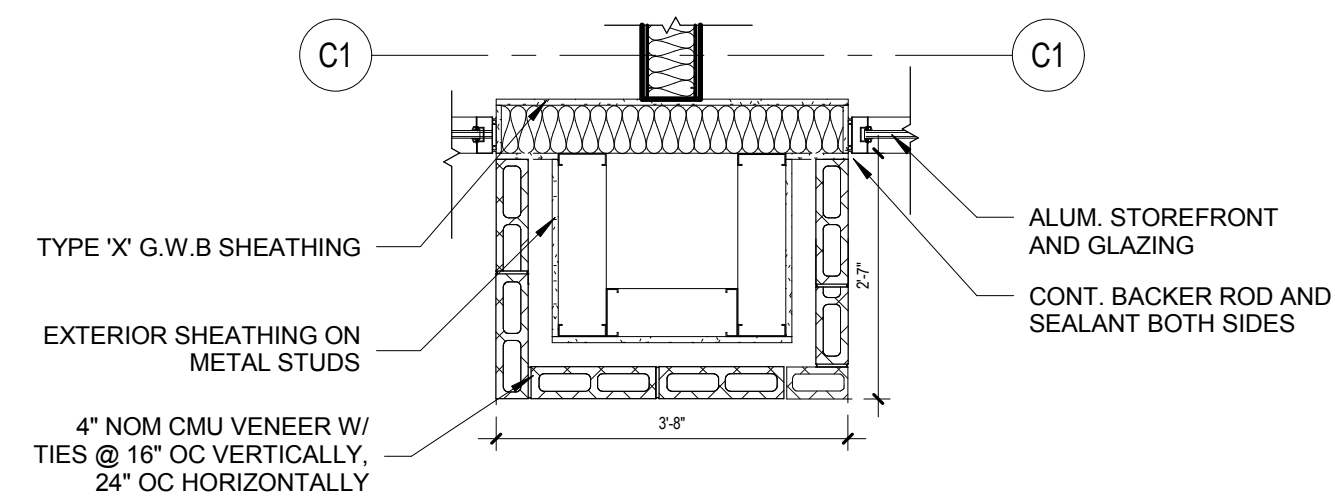
1 ROOF CURB DETAIL (TYP.)
A-401 SCALE: 1/2" = 1'-0"



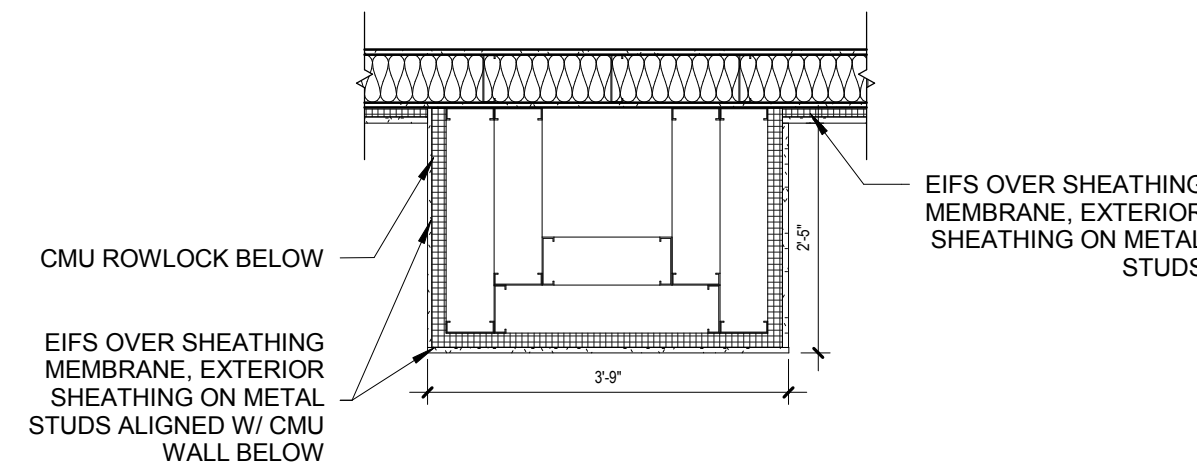
2 DETAIL @ CORNICE 'B'
A-401 SCALE: 1" = 1'-0"



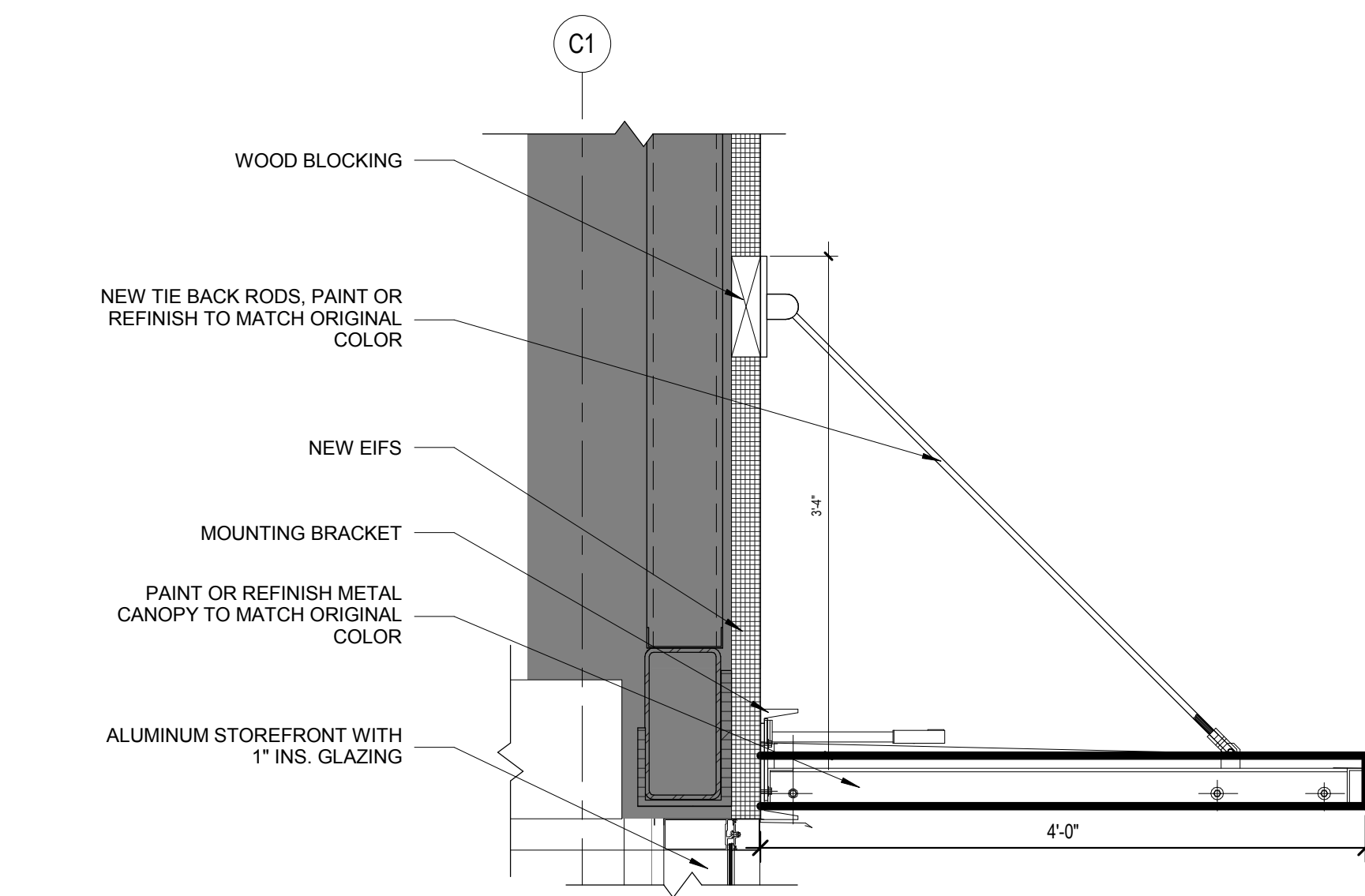
5 DETAIL @ VESTIBULE
A-401 SCALE: 6" = 1'-0"



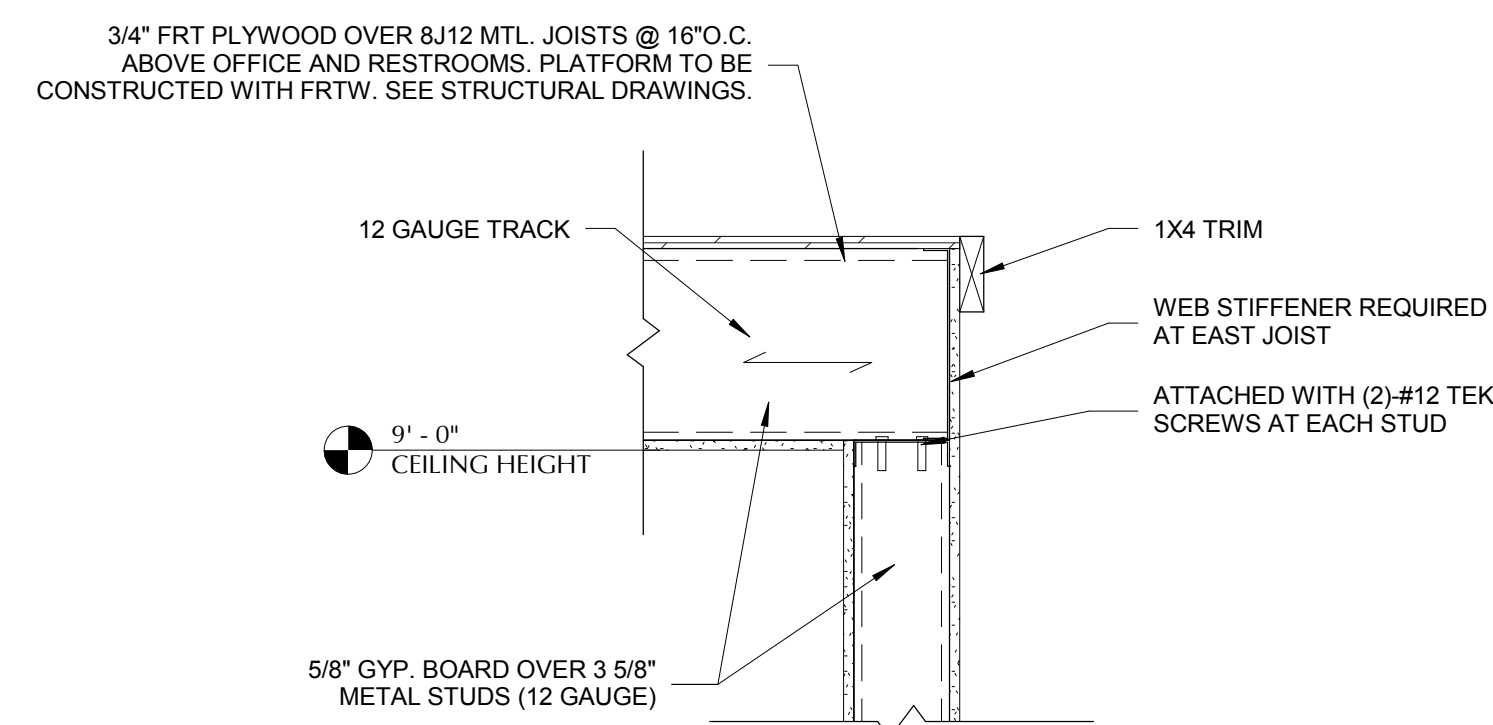
3 DETAIL @ PILASTER CMU
A-401 SCALE: 1/2" = 1'-0"



4 DETAIL @ PILASTER EIFS
A-401 SCALE: 1/2" = 1'-0"



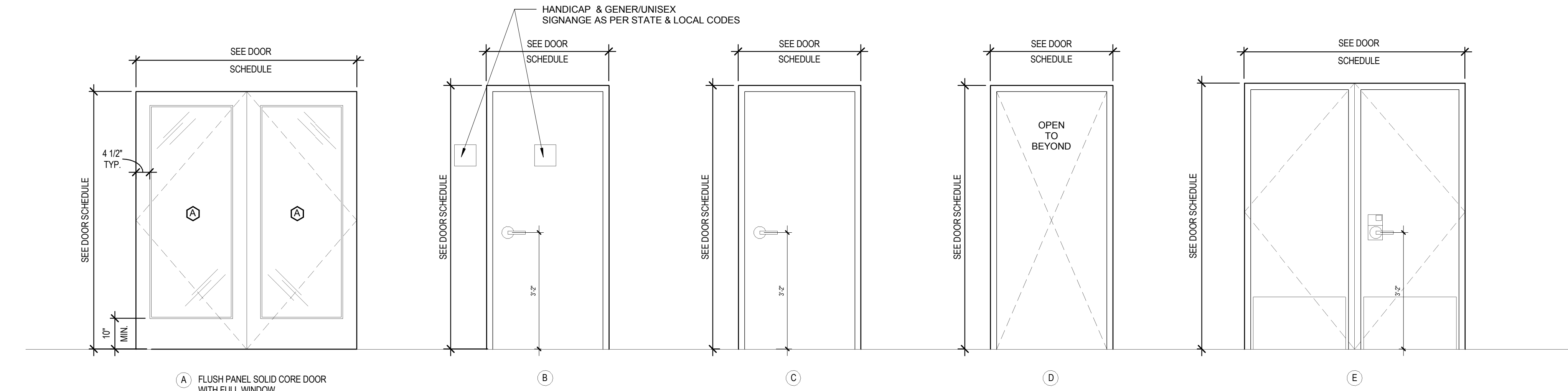
6 DETAIL @ ENTRY CANOPY NEW
A-401 SCALE: 1" = 1'-0"



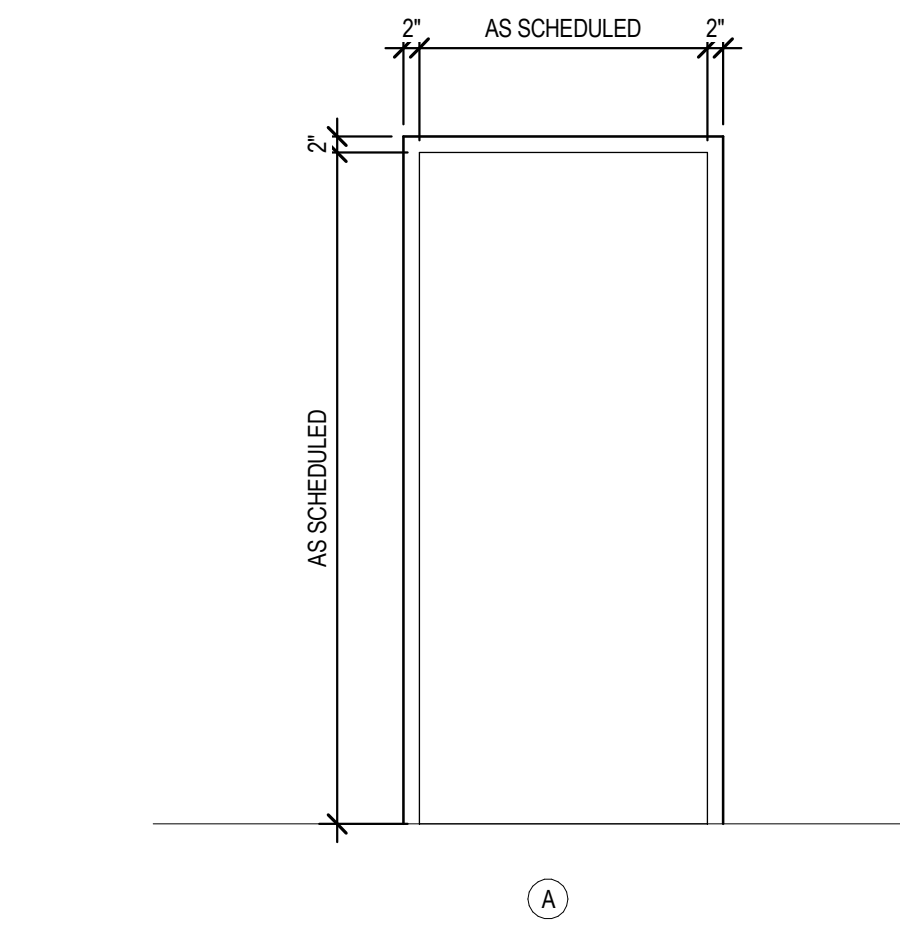
7 DETAIL @ PLYWOOD DECK
A-401 SCALE: 1" = 1'-0"

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MARK	DESCRIPTION	DOOR						FRAME				HARDWARE SET	REMARKS:	
		TYPE	MATL.	FINISH	WIDT H	HEIG HT	THIC K.	TYPE	MATL.	HEAD	JAMB			THRESH.
100A	ENTRY	A	ALUMINUM	CLEAR ANODIZED	6'-0"	6'-10"	N/A	MANUF.	ALUMINUM	-	-	5/A-601	3	
100B	VESTIBULE	A	ALUMINUM	CLEAR ANODIZED	6'-0"	7'-0"	N/A	MANUF.	ALUMINUM	-	-	5/A-601	4	
102A	CORRIDOR	90	-	P-2	4'-6"	7'-0"	N/A	A	-	-	-	-	-	
103A	RESTROOM	82	H.M.	P-2	3'-0"	6'-8"	1 3/4"	A	H.M.	6/A-601	7/A-601	8/A-601	2A	
104A	RESTROOM	82	H.M.	P-2	3'-0"	6'-8"	1 3/4"	A	H.M.	6/A-601	7/A-601	8/A-601	2A	
105A	BREAK ROOM	82	H.M.	P-2	3'-0"	6'-8"	1 3/4"	A	H.M.	6/A-601	7/A-601	8/A-601	2C	
106A	STORAGE ROOM	41	H.M.	P-2	3'-0"	7'-0"	1 3/4"	A	H.M.	6/A-601	7/A-601	8/A-601	1B	
107A	OFFICE	82	H.M.	P-2	3'-0"	6'-8"	1 3/4"	A	H.M.	6/A-601	7/A-601	5/A-601	2B	
200A	ENTRY	A	ALUMINUM	CLEAR ANODIZED	6'-0"	7'-0"	N/A	MANUF.	ALUMINUM	-	-	5/A-601	3	

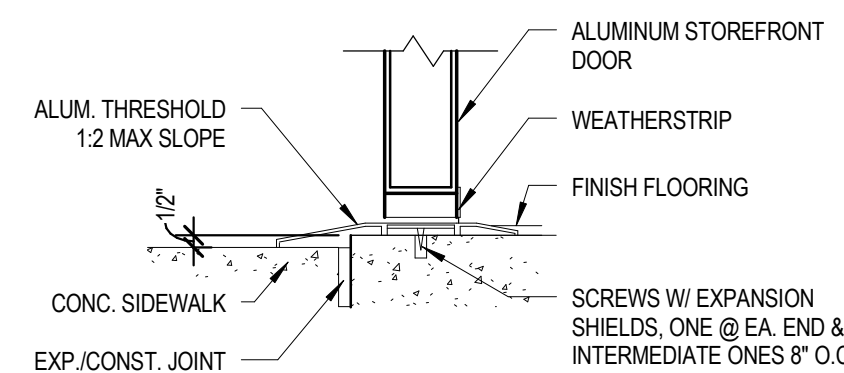


1 DOOR TYPES
A-601 1/2" = 1'-0"

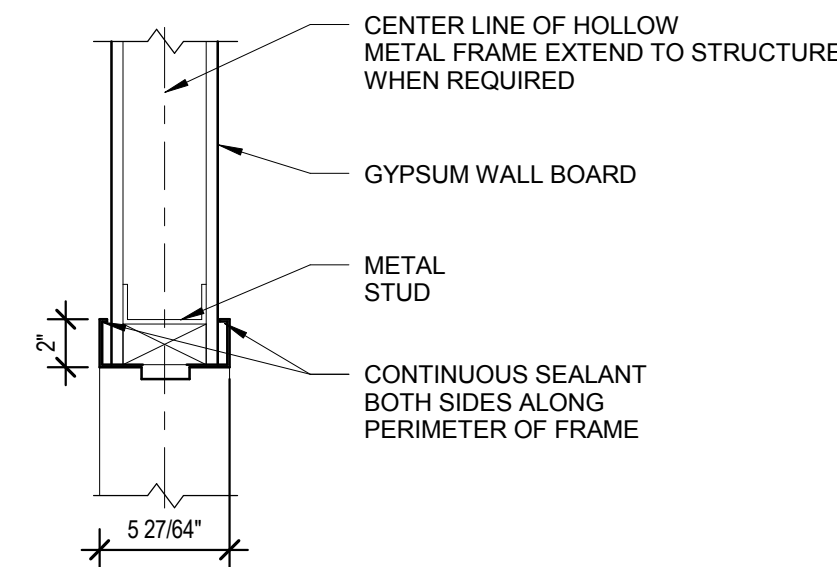


2 FRAME TYPES
A-601 1/2" = 1'-0"

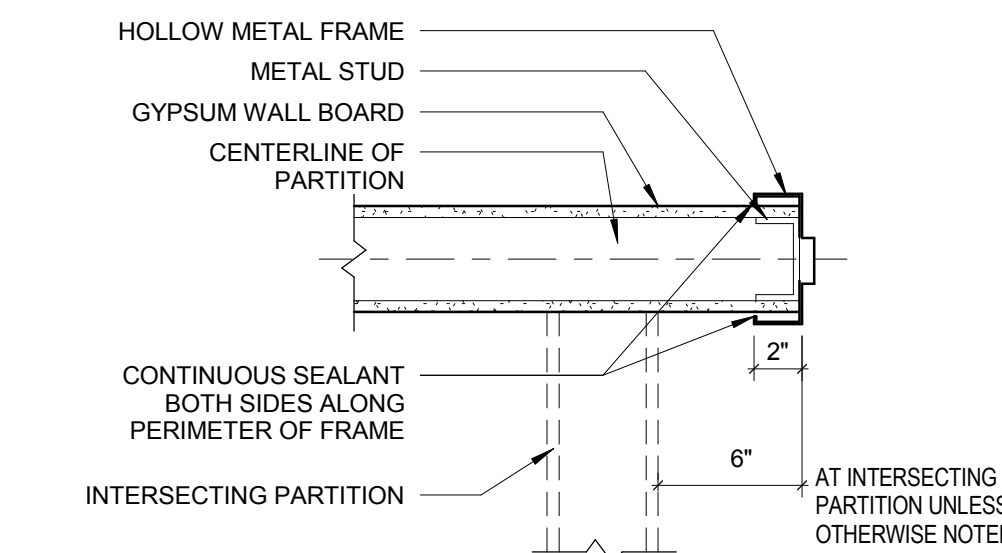
3 DETAIL @ STOREFRONT THRESHOLD
A-601 SCALE: 1 1/2" = 1'-0"



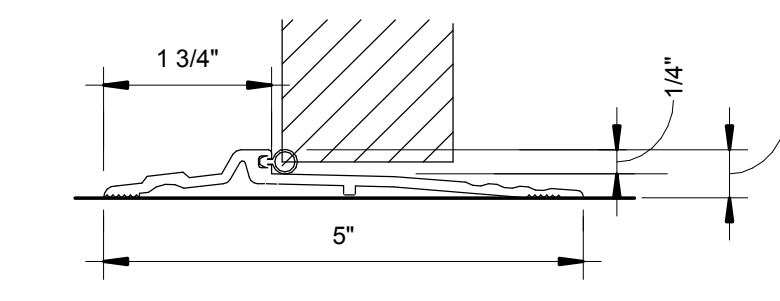
4 DETAIL @ INTERIOR HEAD
A-601 SCALE: 1 1/2" = 1'-0"



5 DETAIL @ INTERIOR JAMB
A-601 SCALE: 1 1/2" = 1'-0"



6 DETAIL @ INTERIOR THRESHOLD
A-601 SCALE: 6" = 1'-0"



GLAZING SCHEDULE

1/2" TEMPERED GLASS - CLEAR

GENERAL DOOR AND FRAME NOTES

1. THE DOOR FRAME FINISHES SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:
 - a. HOLLOW METAL DOORS: PAINT
 - b. HOLLOW METAL FRAMES: PAINT
 - c. WOOD DOORS: PAINT
 - d. ALUMINUM DOORS (ALUM): FACTORY FINISH (FACTORY)
 - e. ALUMINUM FRAMES (ALUM): FACTORY FINISH (FACTORY)
2. ALL DOOR HARDWARE SHALL BE HANDICAP ACCESSIBLE, COMPLYING WITH 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
3. CONTRACTOR SHALL FIX AND RE-STAIN OR PAINT ANY EXISTING DAMAGED DOOR SURFACE.
4. WHERE DISCREPANCIES OCCUR BETWEEN THE DOOR SCHEDULED NOTES AND HARDWARE SPECIFICATIONS, NOTIFY THE ARCHITECT OF DISCREPANCIES TO RECEIVE DIRECTION ON HOW TO PROCEED.

HARDWARE SCHEDULE

HARDWARE GROUP A SET 1A - SALES/CORRIDOR SET 1B - CORRIDOR/STOCKROOM	HARDWARE GROUP B SET 2A - RESTROOMS SET 2B - OFFICE SET 2C - BREAKROOM
<p>CLOSER: NORTON #8501-HINGE SIDE MTD. (SET TO BE 5LB MAX OPENING FORCE) ADJUST MOUNTING POINTS FOR MIN. 120 DEGREE ROTATION.</p> <p>HINGERS: HANGER AB850, 1-1/2 PAIR STAINLESS STEEL MARKER, ASS ABLOY HINGE #B1923, SUPPORT PIVOT, US2G.</p> <p>PULL 1A: HANGER 4"X16" #31J PULL PLATE W/IFJ PULL, STAINLESS #4 FINISHED METAL.</p> <p>PUSH 1A: HANGER 4"X16" #30S PUSH PLATE STAINLESS #4 FINISHED METAL WITH STAINLESS #4 FINISHED METAL COUNTERSUNK SCREWS.</p> <p>LOCK 1B: KABA-E-PLEX 2000 SERIES WITH POWERSTART OPTION, 7-PIN BEST ACCEPTABLE CORE, STAIN CHROME FINISH. (USED ONLY ON CORRIDOR/ STOCKROOM DOOR WHEN EGRESS CORRIDORS ARE REQUIRED AND SHOWN ON PLAN).</p> <p>STOP: IVES #445 WALL MTD. OR #446 FLOOR MTD. AS REQUIRED US26SD.</p> <p>KICK PLATE: 46" X 24" 16 GA. KICK PLATE. INSTALL WITH S.S. COUNTERSUNK SCREWS ON PUSH SIDE.</p> <p>SILENCER: RESILIENT TYPE. REMOVABLE FOR REPLACEMENT, 3 EACH DOOR, MTD. IN FRAME.</p> <p>SMOKE SEAL: PEMKO #588D (USED AT RATED DOORS ONLY)</p> <p>FOOT: HOLD OPEN FOOD, HANGER 270D-US26D</p>	<p>HINGERS: HANGER AB850, 1-1/2 PAIR STAINLESS STEEL (26D)</p> <p>LOCK 2A: STANLEY MANUF. - BEST 9K3-O-L-15-STK-626 (26D)</p> <p>LOCK 2B: STANLEY MANUF. - BEST 9K3-7-AB-15D-STK-626 (26D)</p> <p>LOCK 2C: KABA-E-PLEX 2000 SERIES WITH POWERSTAR OPTION, 7-PIN BEST ACCEPTABLE CORE, SATIN CHROME FINISH.</p> <p>STOP: IVES #438 FLOOR MTD. WITH RISER AS REQUIRED US26SD.</p> <p>SILENCER: RESILIENT TYPE, REMOVABLE FOR REPLACEMENT, 3 EACH DOOR, MTD. IN FRAME.</p>
HARDWARE GROUP C SET 3 - ENTRY DOORS	HARDWARE GROUP D SET 4 - VESTIBULE DOORS
<p>CLOSER: NORTON #8501-H OR APPROVED EQUAL. ADJUST MOUNTING POINTS FOR MIN. 120 DEGREE ROTATION.</p> <p>PULL: HANGER PULL #11E, 32D OR APPROVED EQUAL</p> <p>PUSH: HANGER PUSH #130S, 32D OR APPROVED EQUAL</p> <p>LOCK: 7-PIN BEST ACCEPTABLE CYLINDER WITH TEE TURN INSIDE AND EXTERIOR CYLINDER GUARD, MANJOR MANUF. #CGL-26D</p> <p>FOOT: HOLD OPEN FOOD, HANER 270D-US26D. FINISH TO MATCH STOREFRONT</p> <p>WEATHERING: PER MANUF. SPECS, INCLUDING FLOOR SWEEPS</p> <p>CHAIN HOLD: HANGER - DOOR CHAIN - #300D-25 1/2" - US26D</p> <p>THRESHOLD: 8" STANDARD MILL FINISHED THRESHOLD. T.G.C. TO CLEAN THRESHOLD PRIOR TO WALK-THROUGH.</p>	<p>CLOSER: NORTON #8501-H OR APPROVED EQUAL. ADJUST MOUNTING POINTS FOR MIN. 90 DEGREE ROTATION.</p> <p>PULL: HANGER PULL #P4E, 32D OR APPROVED EQUAL</p> <p>PUSH: HANGER PUSH #130S, 32D OR APPROVED EQUAL</p> <p>LOCK: NO LOCKSET. INSTALL BLANKS</p> <p>STOP: HANGER 268S - FINISH TO MATCH STOREFRONT</p> <p>FOOT: HOLD OPEN FOOD, HANER 270D-US26D. FINISH TO MATCH STOREFRONT</p> <p>THRESHOLD: NO THRESHOLD</p>

- GENERAL NOTES:
1. REFER TO SPECIFICATION FOR MORE STOREFRONT DETAILS.
 2. REFER TO SPECIFICATION FOR DOOR HARDWARE SCHEDULES.
 3. ● INDICATE TEMPERED GLASS



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MARCH 13, 2018

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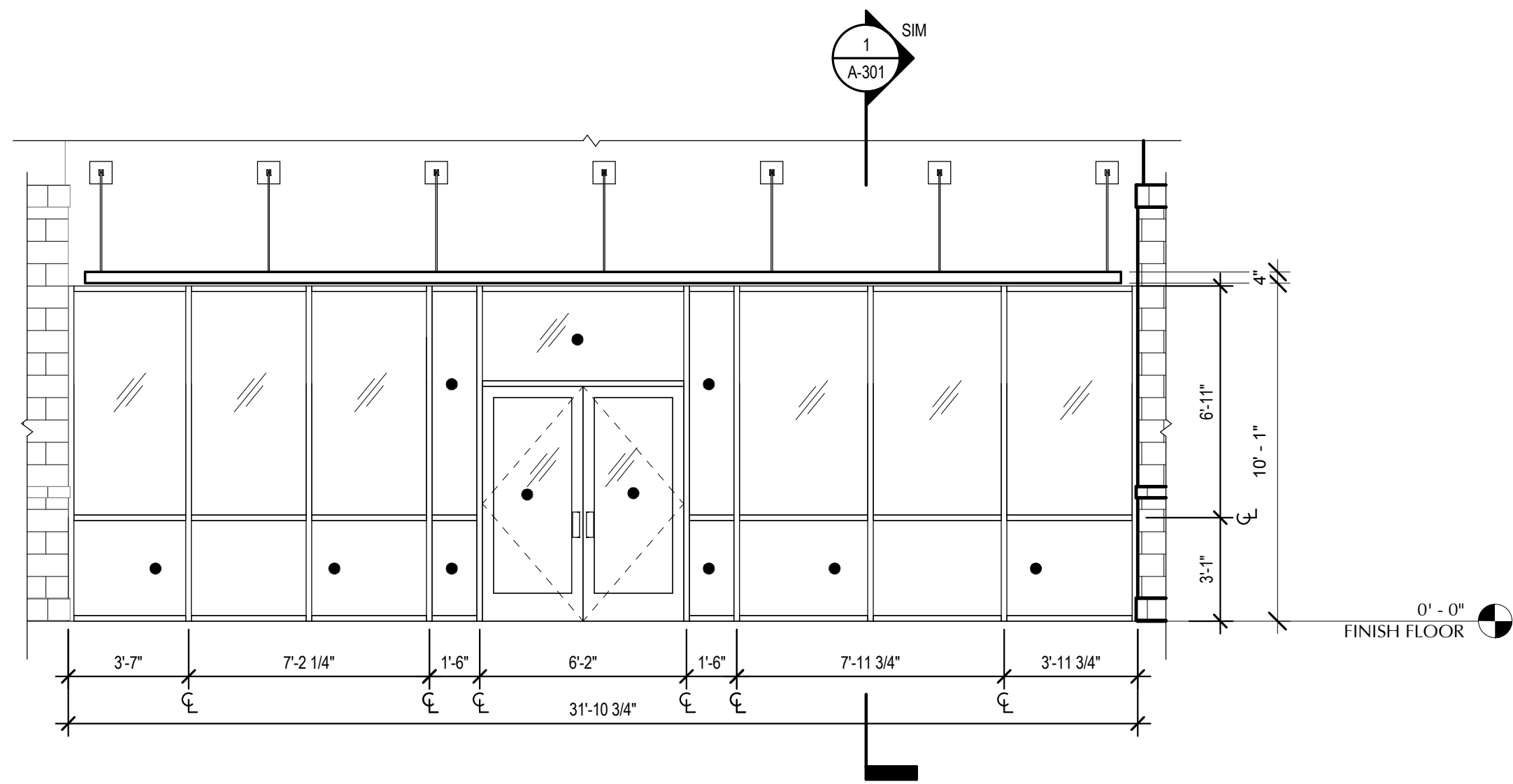
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Date: 13 MARCH 2018
Project No.: 2017259.00
Sheet Title: DOOR SCHEDULE

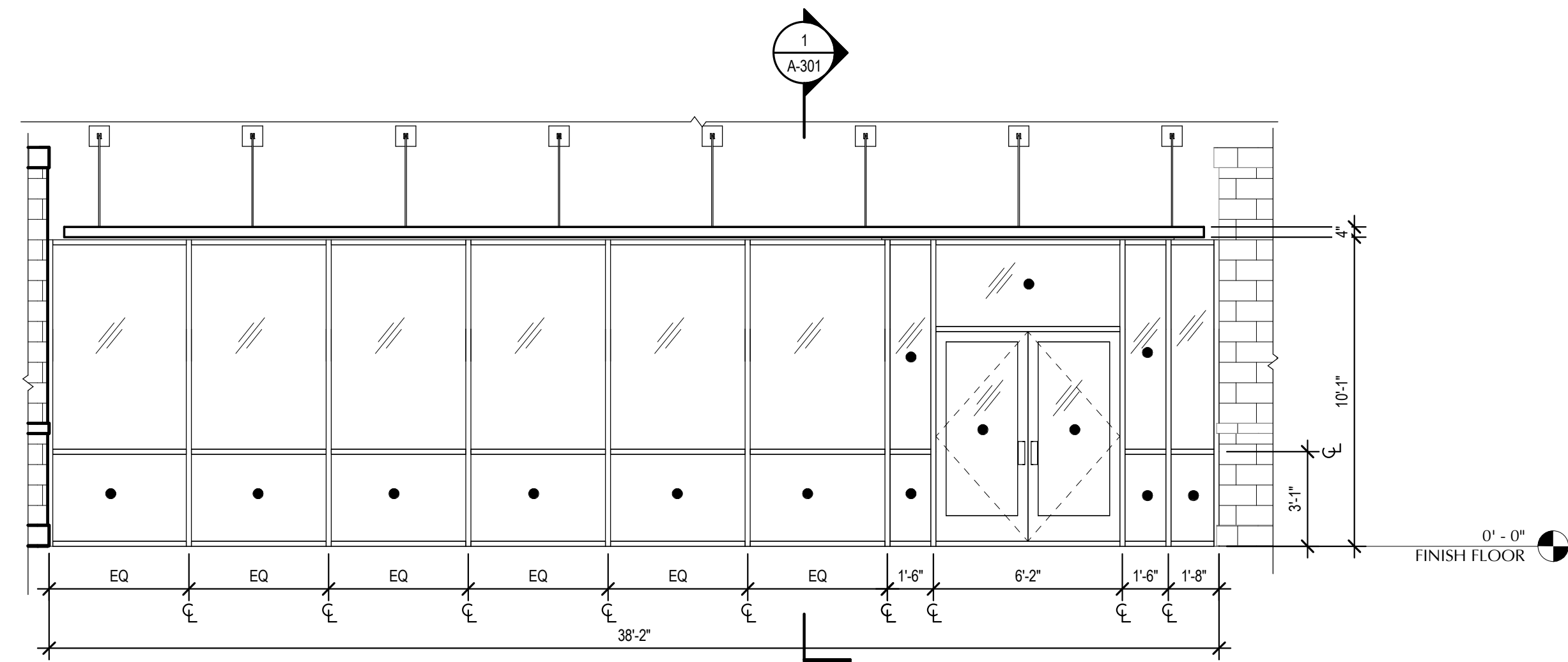
Sheet No.

A-601

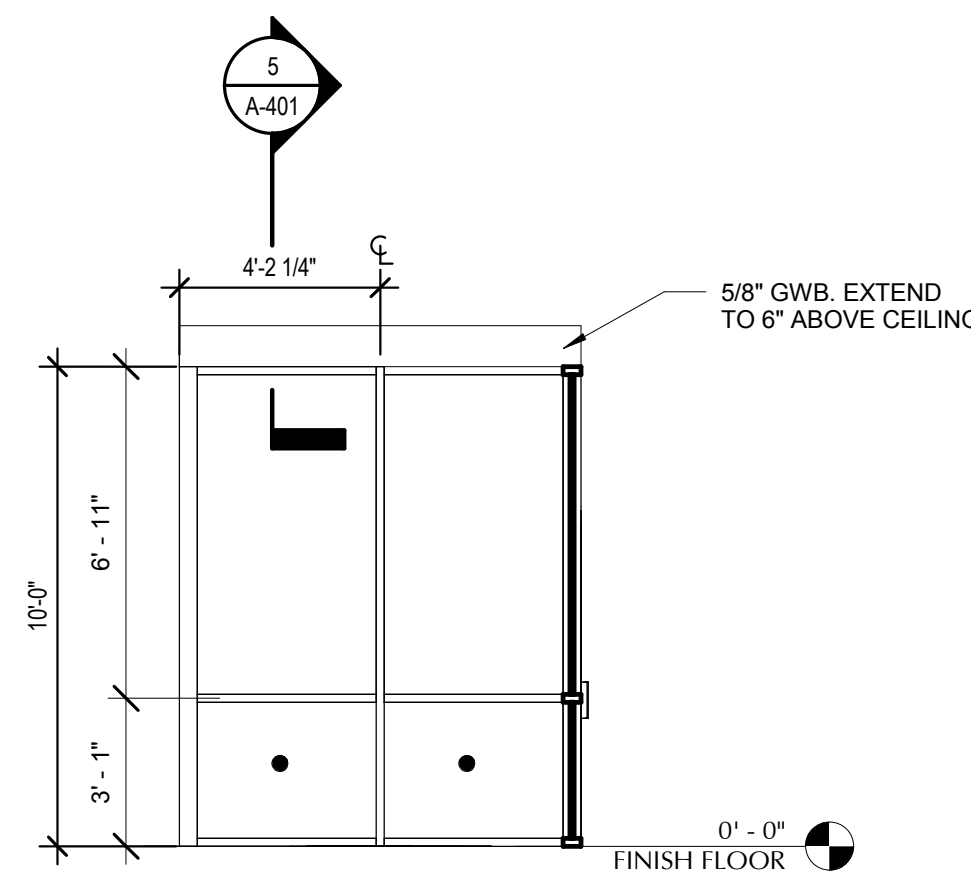
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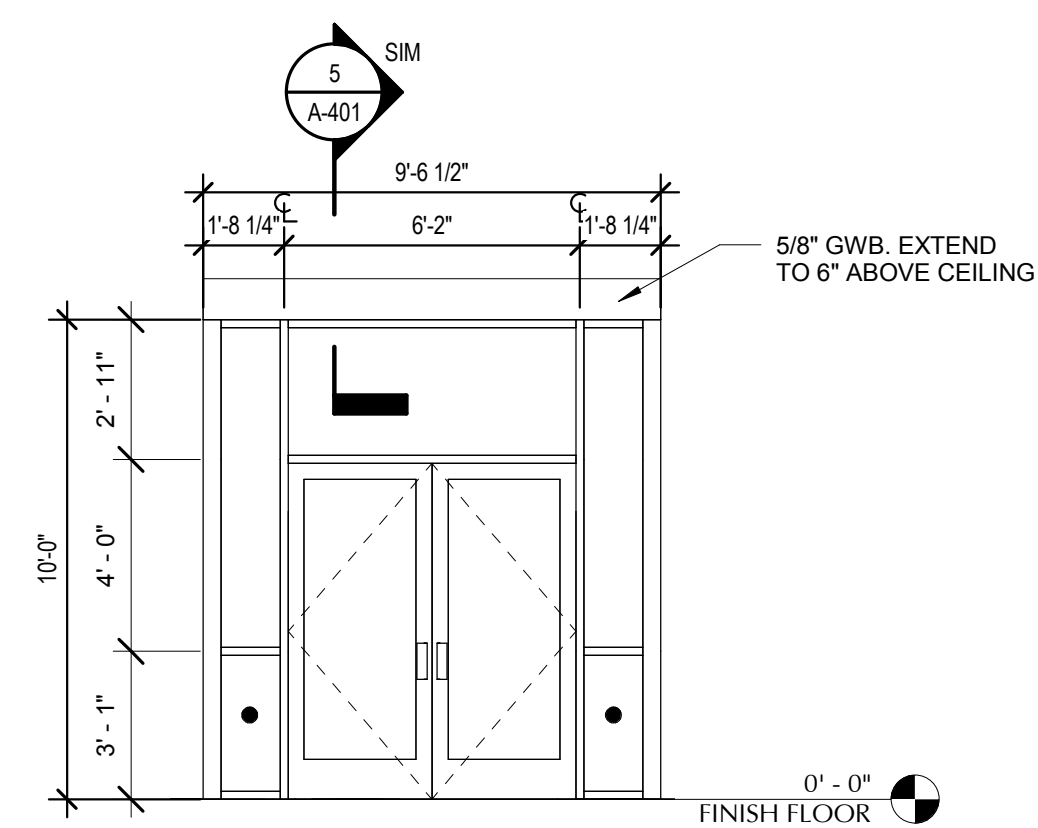
1 WINDOW TYPE "A"
A-602 SCALE: 1/4" = 1'-0"



2 WINDOW TYPE "B"
A-602 SCALE: 1/4" = 1'-0"



3 WINDOW TYPE "C"
A-602 SCALE: 1/4" = 1'-0"



4 WINDOW TYPE "D"
A-602 SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
- REFER TO SPECIFICATION FOR MORE STOREFRONT DETAILS.
 - REFER TO SPECIFICATION FOR DOOR HARDWARE SCHEDULES.
 - INDICATE TEMPERED GLASS



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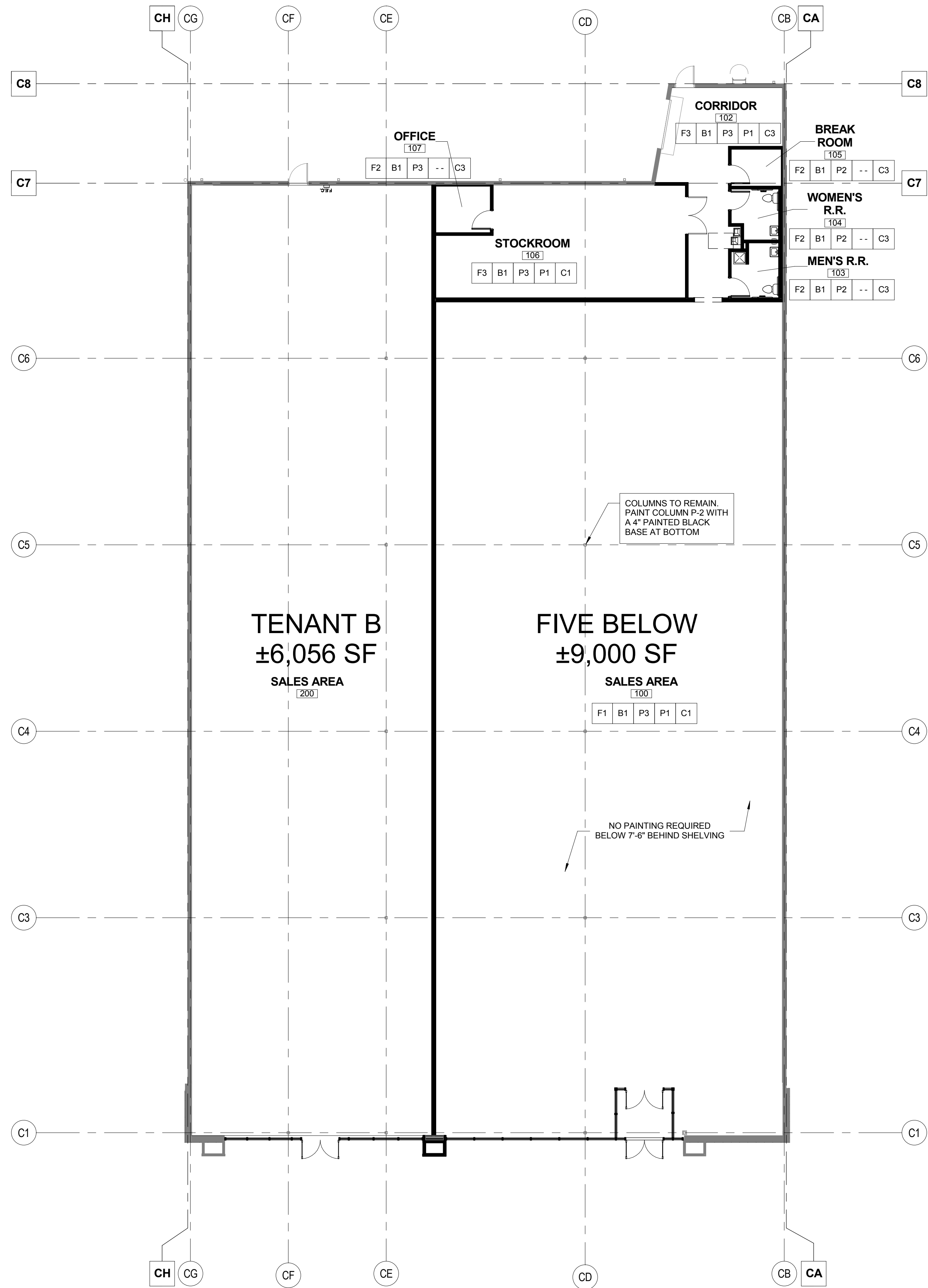
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No.	Description

Date: 13 MARCH 2018
Project No.: 2017259.00
Sheet Title: GLAZING ELEVATION

Sheet No.: **A-602**
 Released for Construction
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- GENERAL NOTES:**
1. REFER TO SPECIFICATION FOR MORE STOREFRONT DETAILS.
 2. REFER TO SPECIFICATION FOR DOOR HARDWARE SCHEDULES.
 3. ● INDICATE TEMPERED GLASS

LEGEND - FINISH				
KEY	DESCRIPTION	MANUFACTURER	SPEC/FINISH	COLOR
B-1	4" VINYL BASE	ARMSTRONG	JET BLACK	V4660
C-1	MTL/WOOD DECK - OPEN TO JOISTS ABOVE - NO HUNG CEILING	SHERWIN WILLIAMS	WATERBORNE DRYFALL LOW VOC - FLAT SHEEN	SW-7005
C-2	24" X 48" ACOUSTIC CEILING SYSTEM	ARMSTRONG	CORTEGA	747
C-3	GYPSUM BOARD CEILING LEVEL 5 FINISH	SHERWIN WILLIAMS	PROMAR 200 ZERO VOC SEMI GLOSS SHEEN	SW-7005
F-1	POLISHED CONCRETE OVER (E) CONCRETE SLAB	QUESTMARK CONC. POLISHING SYSTEM	SLAES AREA & CORRIDOR AREA	N/A
F-2	12" X 12" X 1/8" VCT	ARMSTRONG	FIELD GRAY / S615, S-515 ADHESIVE	51927
F-3	POLISHED CONCRETE OVER (E) CONCRETE SLAB	QUESTMARK CONC. POLISHING SYSTEM	STOCK ROOM AREA	N/A
F-4	18" X 18" X 1/8" LUXURY VINYL FLOORING	TANDUS CENTIVA	CONTOUR SOAPSTONE	0712
F-5	6" X 82.5" X 1/16" INLAID SHEET VINYL FLOORING	ARMSTRONG DECO ART - CORLON	WHITE CLIFFS S-543 ADHESIVE	88702
F-6	12" X 12" X 5/16" CERAMIC TILE 1/4" GROUT JOINTS	TILE - DELTILE, GROUT - MAPEI	TILE - VANILLA, GROUT - ALABASTER	QH23 (1)
P-1	PURE WHITE PAINT - CEILING	SHERWIN WILLIAMS	WATERBORNE DRYFALL LOW VOC - FLAT SHEEN	SW-7005
P-2	PURE WHITE PAINT	SHERWIN WILLIAMS	PROMAR 200 ZERO VOC SEMI GLOSS SHEEN	SW-7005
P-3	PURE WHITE PAINT	SHERWIN WILLIAMS	PROMAR 200 ZERO VOC EGG-SHELL SHEEN	SW-7005
W-1	WALLPAPER (PROVIDED BY F.B.)	VISION INTEGRATED GRAPHICS	CUSTOM	

- FINISH PLAN GENERAL NOTES:**
1. NO DIFFERENCE IN FLOOR ELEVATION FROM INTERIOR TO EXTERIOR AT ALL DOORWAYS. TRANSITION TO BE FLUSH.
 2. T.G.C. TO VERIFY AND COORDINATE WITH FIVE BELOW REP THAT ANY ALL L.L. SUPPLIED ITEMS ARE INSTALLED TO FIVE BELOW'S APPROVAL.
 3. T.G.C. TO VERIFY ALL HVAC AND ELECTRICAL EQUIPMENT PROVIDED BY L.L. IS PER PLANS, U.N.O.
 4. ALL PAINT USED MUST BE FROM SHERWIN WILLIAMS AND MATCH THE FIVE BELOW'S PROCESS AND RECOMMENDED PRIMER SPECIFICATIONS.
 5. PROVIDED COLOR SWATCHES ON SITE TO ENSURE THAT THE PAINT IS PURCHASED MATCHES THE COLORS.
 6. PATCH AND REPAIR ALL WALLS AS NEEDED TO BE READY FOR PAINT.
 7. ALL EXISTING OUTLETS TO REMAIN.
 8. NO PAINTING IS REQUIRED BELOW 7'-6" FOR AREAS BEHIND SHELVING IN THE SALES AREA.

1 FINISH PLAN
A-701 SCALE: 3/32" = 1'-0"



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Date	Project No.
13 MARCH 2018	2017259.00
Sheet Title	
FINISH PLAN	
Sheet No.	
A-701	
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DESIGN:

BUILDING CODE INTERNATIONAL BUILDING CODE 2012 (IBC) W/ ARKANSAS AMENDMENTS
WIND:

Vw = 15 MPH (3-SECOND GUST)
Iw = 1.0, EXPOSURE CATEGORY B
COMPONENTS AND CLADDING: COMPONENTS AND CLADDING ELEMENTS NOT SPECIFICALLY DESIGNED ON THESE DRAWINGS SHALL BE DESIGNED ACCORDING TO THE WIND PRESSURES STIPULATED BY IBC 2012 FOR THE TRIBUTARY AREA OF THE SPECIFIC COMPONENT.

MIN ULT DESIGN PRESSURE = 23.0 PSF (WALLS, 100 SQ FT, NON-END ZONE)

SNOW:

GROUND SNOW LOAD = 10 PSF
I_s = 1.0
FLAT ROOF SNOW LOAD = 10 PSF
SNOW EXPOSURE FACTOR C_e = 1.0 SNOW THERMAL FACTOR C_t = 1.0

SEISMIC:

OCCUPANCY CATEGORY II
I_e = 1.0 I_p = 1.0
S_s = 0.343 S_1 = 0.145
S_ds = 0.349 S_d1 = 0.215
SITE CLASS = D SEISMIC DESIGN CATEGORY D
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

SEISMIC RESISTING SYSTEM:

SEISMIC LOAD RESISTING SYSTEM IS REMAINING UNCHANGED

DRAWING LIST:

- S-001 STRUCTURAL NOTES
S-101 FOUNDATION & ROOF FRAMING PLAN
S-301 TYPICAL SECTIONS AND DETAILS

MISCELLANEOUS:

- 1. THE FOLLOWING NOTES APPLY TO ALL PROJECT RELATED STRUCTURAL DRAWINGS...
2. STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS...
3. NO OPENINGS OR MODIFICATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT...
4. NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT...
5. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION...
6. THE CONTRACTORS CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS...
7. DO NOT SCALE THESE DRAWINGS; USE DIMENSIONS FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS...
8. THE CONTRACTOR SHALL INFORM THE PROFESSIONAL OF RECORD IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS...
9. WHERE A SECTION OR DETAIL IS CUT ON THE PLAN, IT IS UNDERSTOOD TO BE REPRESENTATIVE OF ALL LIKE OR SIMILAR CONDITIONS...
10. AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOBSITE INCLUDING SAFETY OF PERSONS AND PROPERTY...
11. CONSULT ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR LOCATION, SIZES, AND EXTENT OF CHASES, INSERTS, RECESSES, RIDGES, FINISHES, DEPRESSIONS, ETC...
12. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK...
13. STRUCTURAL CONTRACT DOCUMENTS SHALL NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR ANY MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR OR SUBCONTRACTOR...
14. REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES SHALL MEAN THE LATEST STANDARD, CODE, SPECIFICATION OR TENTATIVE SPECIFICATION ADOPTED AND PUBLISHED AT THE DATE OF TAKING BIDS...
15. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, SLOPE, AND LOCATION OF DEPRESSIONED FLOOR AREAS...
16. PRINCIPAL OPENINGS THROUGH THE FRAMING ARE SHOWN ON THESE DRAWINGS...
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES IN ORDER TO COMPLY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS.

SUBMITTALS:

- 1. STRUCTURAL DRAWINGS GIVE REPRESENTATIVE DETAILS AND ARE NOT INTENDED TO SHOW ALL CONDITIONS THAT MAY BE PRESENT...
2. REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER OF RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL...
3. COMPLETE SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL FABRICATED AND SPECIALTY BUILDING COMPONENTS INCLUDING (BUT NOT LIMITED TO) TIMBER ROOF TRUSSES...
4. ALL APPROVED SUBMITTALS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, SHALL BE MADE AVAILABLE ON THE JOBSITE FOR REVIEW BY THE INSPECTOR...
5. REPRODUCTION OF CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS IS NOT PERMITTED.

FOUNDATIONS:

- 1. SPREAD FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUSTAINING AN ASSUMED NET ALLOWABLE BEARING PRESSURE OF 1.5 KSF FOR STRIP FOOTINGS...
2. THE SITE SHALL BE PREPARED IN ACCORDANCE WITH CIVIL DRAWINGS AND PROJECT SPECIFICATIONS...
3. THE FOOTINGS HAVE BEEN POSITIONED AT THE ESTIMATED ELEVATION WHICH WILL PROVIDE SUITABLE BEARING...
4. FOOTINGS MAY BE CAST INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT...
5. EXCAVATION FOR FOOTINGS SHALL BE CUT TO ACCURATE SIZE AND DIMENSIONS AS SHOWN ON PLANS...
6. IN AREA OF THE BUILDING, EXISTING ORGANIC MATERIAL, UNSUITABLE SOIL, ABANDONED FOOTINGS AND ANY OTHER EXISTING UNSUITABLE MATERIALS SHALL BE REMOVED...
7. FOOTING CONCRETE SHALL BE CAST ON THE SAME DAY THE EXCAVATION IS APPROVED...
8. ALL EXCAVATIONS AND STRUCTURE BEARING PADS SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY...
9. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BEAR A MINIMUM OF 1'-6" BELOW FINAL GRADE FOR FROST PROTECTION...
10. NO EXCAVATION SHALL BE CLOSER THAN AT A SLOPE OF 2:1 (2 HORIZONTAL TO 1 VERTICAL) TO A FOOTING...
11. ALL BEARING STRATA SHALL BE ADEQUATELY DRAINED BEFORE FOUNDATION CONCRETE IS PLACED.

CONCRETE:

- 1. ALL CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318-11 AND ACI 308-10...
2. CEMENT USED SHALL BE TYPE I OR II CONFORMING TO ASTM C-150...
3. AGGREGATE SHALL BE WELL GRADATED AND SHALL CONFORM TO THE FOLLOWING:
FOOTINGS, SLAB-ON-GRADE (DENSITY 145 - 150 PCF) 1" COARSE AGGREGATE (ASTM C-33)
4. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW IN ADVANCE OF CONCRETE PLACEMENT...
5. ALL MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE...
6. NO ADDITIONAL WATER SHALL BE ADDED TO CONCRETE AT THE JOB SITE...
7. MINIMUM CONCRETE COVER UNLESS NOTED OTHERWISE:
A. #11 BARS AND SMALLER 3/4 INCHES
B. UNFORMED SURFACE IN CONTACT WITH THE GROUND: 3 INCHES
C. BASEMENT WALLS: 2 INCHES EXTERIOR, 3/4 INCHES INTERIOR
D. FORMED SURFACES EXPOSED TO EARTH OR WEATHER: #8 BARS AND LARGER 2 INCHES, #5 BARS AND SMALLER 1 1/2 INCHES
E. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER: BEAMS, GIRDERS AND COLUMNS: 1 1/2 INCHES, SLABS, WALLS, AND JOISTS: 3/4 INCHES

- 8. PLACEMENT OF CONCRETE, COLD WEATHER AND HOT WEATHER PRECAUTIONS, MATERIAL AND PROPORTIONING REQUIREMENTS, REBAR COVER AND DETAILING SHALL CONFORM TO REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 318-11...
9. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS FOR SLAB FINISHES, SLAB DEPRESSIONS, ELEVATIONS AND ENCASED OR EMBEDDED ITEMS...
10. FORMING SHALL BE OF WOOD, STEEL, OR FIBERGLASS OF SATISFACTORY QUALITY AND CONDITION...
11. NO ADMIXTURES SHALL BE ADDED TO THE CONCRETE UNLESS APPROVED BY THE ENGINEER...
12. REINFORCING SHALL CONFORM TO ASTM A615, GR60 UNLESS NOTED OTHERWISE...
13. REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 (MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES) AND CRSI M50-1 (MANUAL OF STANDARD PRACTICE) LATEST EDITION...
14. ALL 'CONTINUOUS' REINFORCEMENT SHALL HAVE MINIMUM LAP OF 'B' TYPE (ACI 318-11, SECTION 12.15) AT SPLICES UNLESS NOTED OTHERWISE...
15. SUBMIT REINFORCING PLACEMENT AND DETAIL (SHOP) DRAWINGS FOR REVIEW...
16. ALL REINFORCING SHALL BE SUPPORTED IN FORMS SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER IN ACCORDANCE WITH CRSI 'MANUAL OF STANDARD PRACTICE' (27TH EDITION)...
17. WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE, PROVIDE CORNER BARS WITH REQUIRED LAP LENGTHS TO PROVIDE CONTINUITY OF HORIZONTAL STEEL REINFORCING UNLESS NOTED OTHERWISE.

COLD FORM METAL FRAMING (METAL STUDS):

- 1. METAL STUDS SHALL BE FABRICATED AND ERECTED PER 2007 AISI NORTH AMERICAN SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS...
2. UNLESS NOTED OTHERWISE, TRACKS SHALL BE SAME DEPTH AS STUDS AND EQUAL OR THICKER GAUGE THAN STUDS...
3. ALL 43 MIL MATERIAL (AND LESS) SHALL HAVE A MINIMUM YIELD OF 33,000 PSI...
4. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING:
A. SHOP DRAWINGS FOR ALL COMPONENTS AND INSTALLATIONS NOT FULLY DIMENSIONED OR DETAILED IN MANUFACTURERS PRODUCT DATA.
B. PRODUCT CATALOG WITH SECTION AND MATERIAL PROPERTIES OF ALL MATERIAL.
5. ALL STUDS AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A HOT-DIPPED, GALVANIZED COATING MEETING ASTM A653 G60 AND G85, U.N.O.
6. INSTALLATION:
A. TRACKS:
INSTALL CONTINUOUS TRACKS SIZED TO MATCH STUDS...
B. WALL STUDS:
SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY SCREW FASTENING AT BOTH INSIDE AND OUTSIDE FLANGES...
C. SUPPLEMENTARY FRAMING:
PROVIDE BLOCKING AND BRACINGS IN METAL FRAMING SYSTEM WHEREVER WALL OR PARTITIONS ARE INDICATED TO SUPPORT FIXTURES...
D. WALL OPENINGS:
OPENINGS LARGER THAN 2 FEET SQUARE TO BE FRAMED WITH A MINIMUM OF DOUBLE STUDS...
E. ALL MEMBERS SHALL BE PLUMBED, ALIGNED AND SECURELY ATTACHED TO SUPPORTING MEMBERS.
7. ALL SCREWS SHALL BE NON CORROSIVE NO. 12-14 STANDARD SELF DRILLING SCREWS UNLESS NOTED OTHERWISE...
8. ALL SCREWS SHALL HAVE A MINIMUM EDGE DISTANCE OF 1" UNLESS NOTED OTHERWISE...
9. ALL SCREWS SHALL BE A MINIMUM OF 1" ON CENTER UNLESS NOTED OTHERWISE...
10. ALL METAL STUD WALLS SHALL HAVE WALL CONTINUOUS WALL BRIDGING @ 3'-6" O.C. MAXIMUM...
11. CONTINUOUS STUDS EACH SIDE OF HEADERS SHALL BE EQUAL TO THE NUMBER OF THE INTERRUPTED STUDS PLUS ONE STUD AT EACH SIDE...
12. VOIDS BENEATH WALL TRACK SHALL NOT BE PERMITTED...
13. MINIMUM TRACK FASTENING INTO CONCRETE SHALL BE 0.145" DIAMETER POWDER ACTUATED FASTENERS AT 18" OC (UNO) WITH 3/4" PENETRATION INTO CONCRETE.

STRUCTURAL STEEL:

DESIGN CODE AMERICAN INSTITUTE OF STEEL CONSTRUCTION 'SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS - 14TH EDITION (AISC)

- 1. STEEL SHALL CONFORM TO THE FOLLOWING GRADES:
ALL CHANNELS, ANGLES, PLATES, ETC. (UNO) ASTM A36 (Fy=36ksi)
HIGH STRENGTH BOLTS ASTM A325
HEX NUTS - GRADE A ASTM A563
WELDING ELECTRODES E70X HARDENED STEEL
WASHERS - TYPE I ASTM F436
2. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE (2010) EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS...
3. THE FABRICATOR IS RESPONSIBLE FOR THE DESIGN OF ALL CONNECTIONS SHOWN ON THE STRUCTURAL DRAWINGS...
4. SPlicing OF STEEL MEMBERS UNLESS SHOWN ON THE DRAWINGS IS PROHIBITED WITHOUT WRITTEN APPROVAL OF THE ARCHITECT...
5. NO HOLES SHALL BE CUT IN ANY STEEL ELEMENT UNLESS THEY ARE DETAILED ON THE DRAWINGS...
6. FABRICATE AND ERECT MEMBERS WITH NATURAL CAMBER UP...
7. UNLESS OTHERWISE SHOWN ON DRAWINGS, SIZE OF WELDS SHALL NOT BE SMALLER THAN 3/16"...
8. THE CONTRACTOR SHALL PROVIDE, AT NO ADDITIONAL COST, ALL ADDITIONAL STEEL CONNECTIONS, GUYING, ETC. REQUIRED FOR ERECTION...
9. OBTAIN ALL FIELD MEASUREMENTS REQUIRED FOR PROPER FABRICATION AND INSTALLATION OF WORK PRIOR TO DETAILING...
10. THE FABRICATOR SHALL BE RESPONSIBLE FOR ALL ERRORS OF DETAILING ON THE SHOP DRAWINGS...
11. WELDING INSPECTION SHALL MEET REQUIREMENTS AS STATED IN THE SCHEDULE OF SPECIAL INSPECTIONS...
12. ALL STRUCTURAL STEEL NOT RECEIVING FIRE PROOFING SHALL RECEIVE ONE SHOP COAT OF RUST INHIBITIVE PRIMER.



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Table with columns for Date, Project No., Sheet Title, and Revisions.

Date 13 MARCH 2018 Project No. 2017259.00
Sheet Title STRUCTURAL NOTES

Sheet No. S-001
Released for Construction
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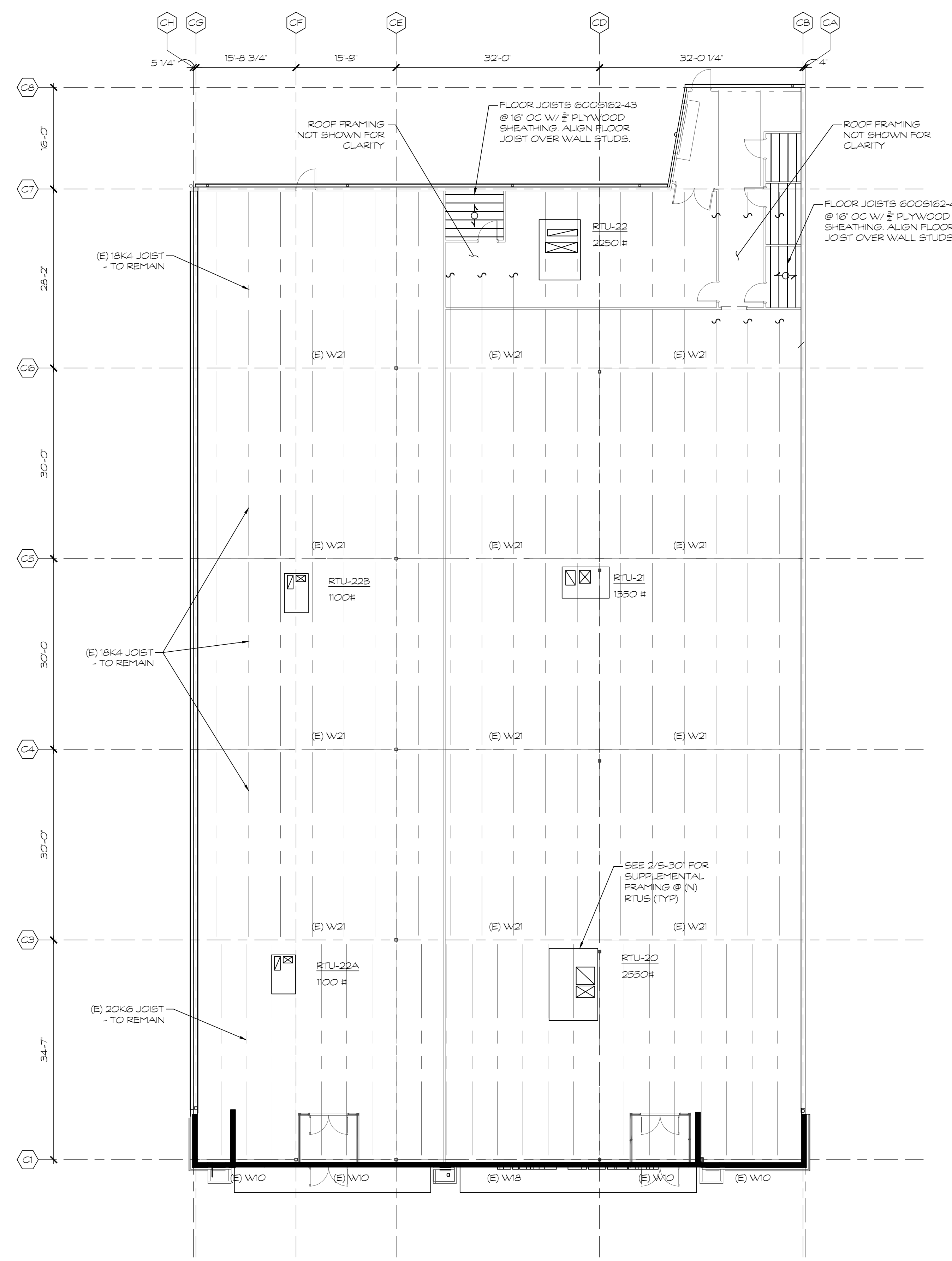
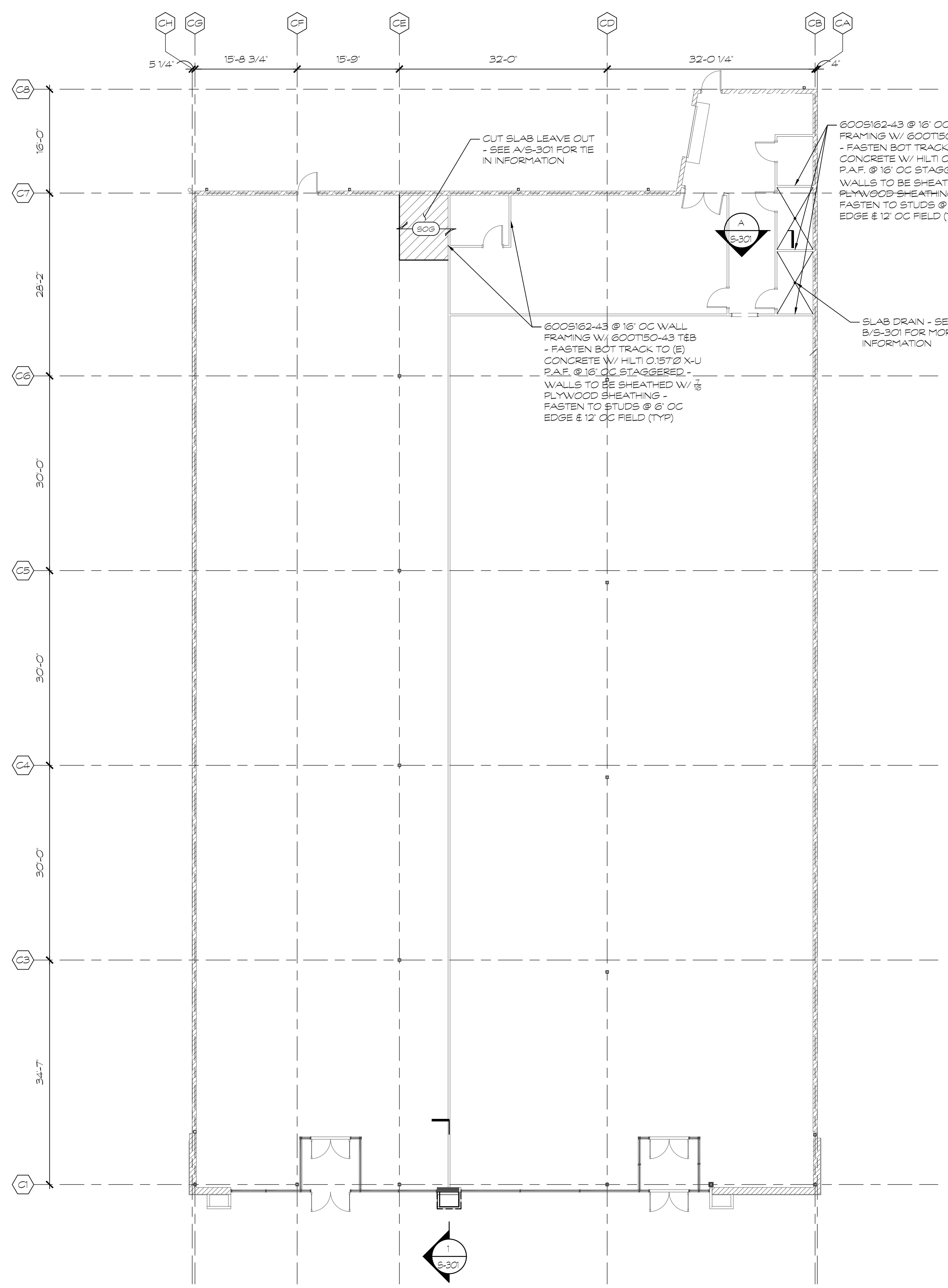
Print Record
13 MARCH 2018 PERMIT SET

Revisions	Date	Description

Date 13 MARCH 2018 Project No. 2017259.00

Sheet Title
FOUNDATION AND ROOF FRAMING PLAN

Sheet No.
S-101
Released for Construction
Not Released for Construction

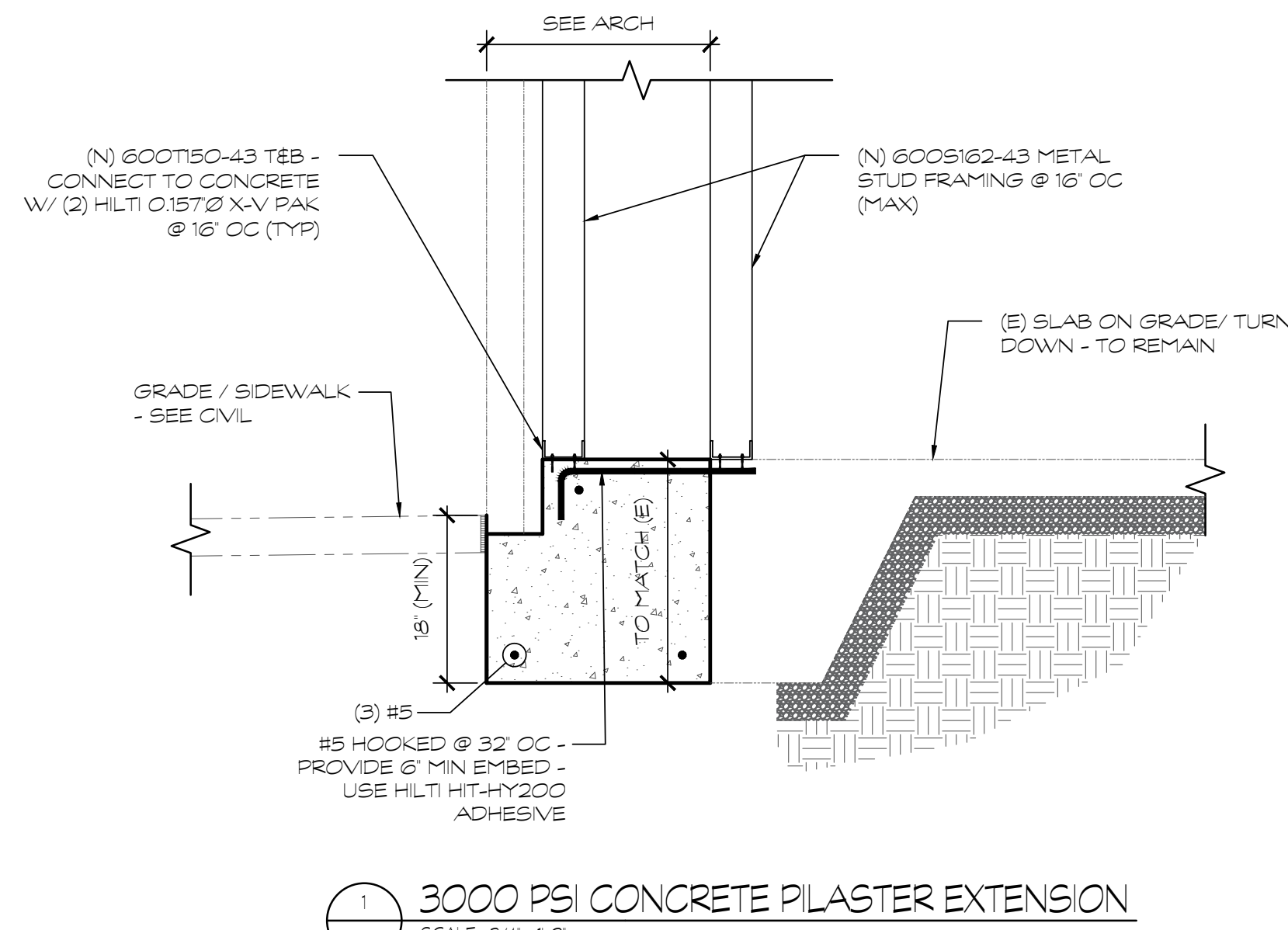


NOTICE TO CONTRACTOR

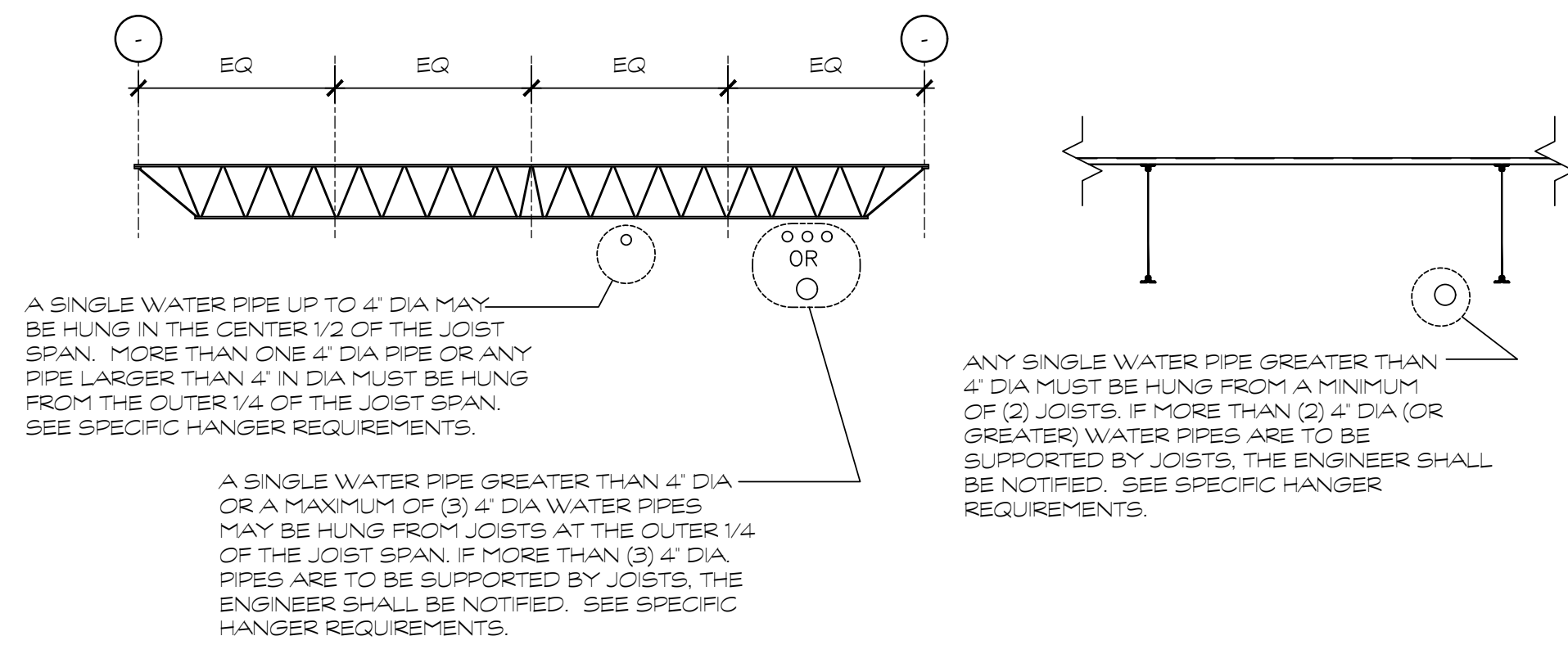
NO PRIOR GEOTECHNICAL INVESTIGATION WAS PERFORMED PRIOR TO THE ISSUANCE OF THE DRAWINGS. THE STRUCTURAL ENGINEER OF RECORD (SEOR) HAS MADE ASSUMPTIONS REGARDING THE EXISTING SOIL PARAMETERS BASED ON THE LIMITED SITE INFORMATION AVAILABLE AT THE TIME THESE DRAWINGS WERE ISSUED. THE DESIGN ASSUMES AN ALLOWABLE SOIL BEARING PRESSURE OF 1000 PSF AND ASSUMES SLAB ON GRADE AND FOUNDATIONS ARE GEOTECHNICALLY VIABLE FOR THIS LOCATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL ASSUMPTIONS AS STATED ABOVE AND NOTIFYING THE SEOR OF ANY VARIANCES FROM THESE ASSUMPTIONS.

EXISTING CONDITIONS DISCLAIMER:

- ASSUMPTIONS ON THE EXISTING STRUCTURE (NOTED AS (E) ON THE STRUCTURAL DRAWINGS) MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO EXECUTING WORK INCLUDED IN THIS SCOPE OF STRUCTURAL CONTRACT DOCUMENTS. THESE VERIFICATIONS MAY REQUIRE THE ALTERATION, DAMAGE, OR DESTRUCTION OF DESIRABLE OR OTHERWISE SERVICEABLE BUILDING COMPONENTS. ALTERATION, DAMAGE, OR DESTRUCTION OF SUCH COMPONENTS SHALL NOT CONSTITUTE A BASIS OF CLAIMS AGAINST WILLIAM J. PELTIER AND ASSOCIATES. THE OWNER AND GENERAL CONTRACTOR SHALL HOLD HARMLESS WILLIAM J. PELTIER AND ASSOCIATES FROM ALL SUCH CLAIMS. DISCOVERY OF VARIATIONS FROM THESE ASSUMPTIONS MAY REQUIRE ADDITIONAL DESIGN SERVICES BY WILLIAM J. PELTIER AND ASSOCIATES WHICH WILL BE BILLED AT THE HOURLY RATE PER RATE SCHEDULE INCLUDED IN THE CONTRACT.
- THE GENERAL CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN ASSUMPTIONS AND ACTUAL FIELD CONDITIONS TO THE ARCHITECT/ENGINEER.

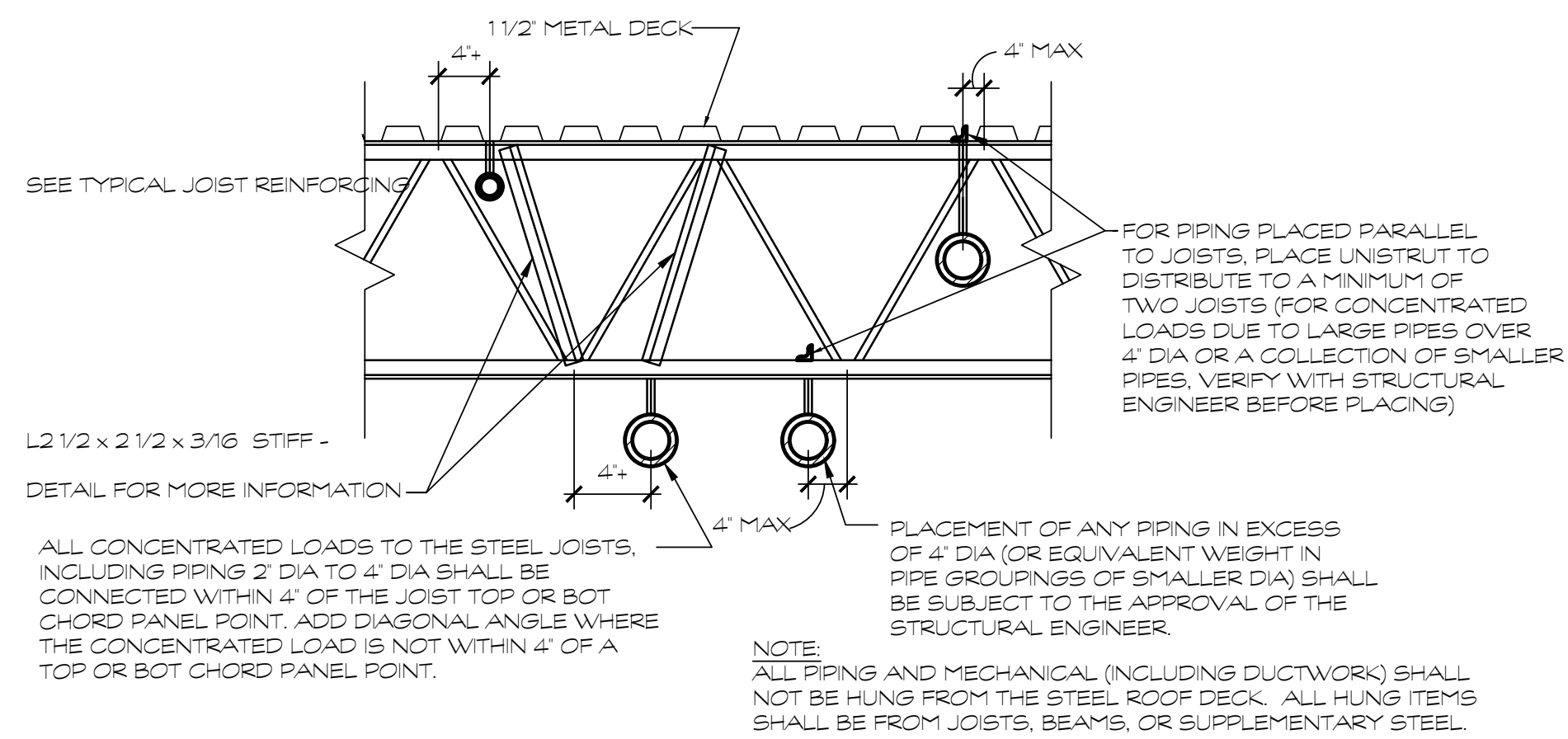


1 3000 PSI CONCRETE PILASTER EXTENSION
SCALE: 3/4"=1'-0"



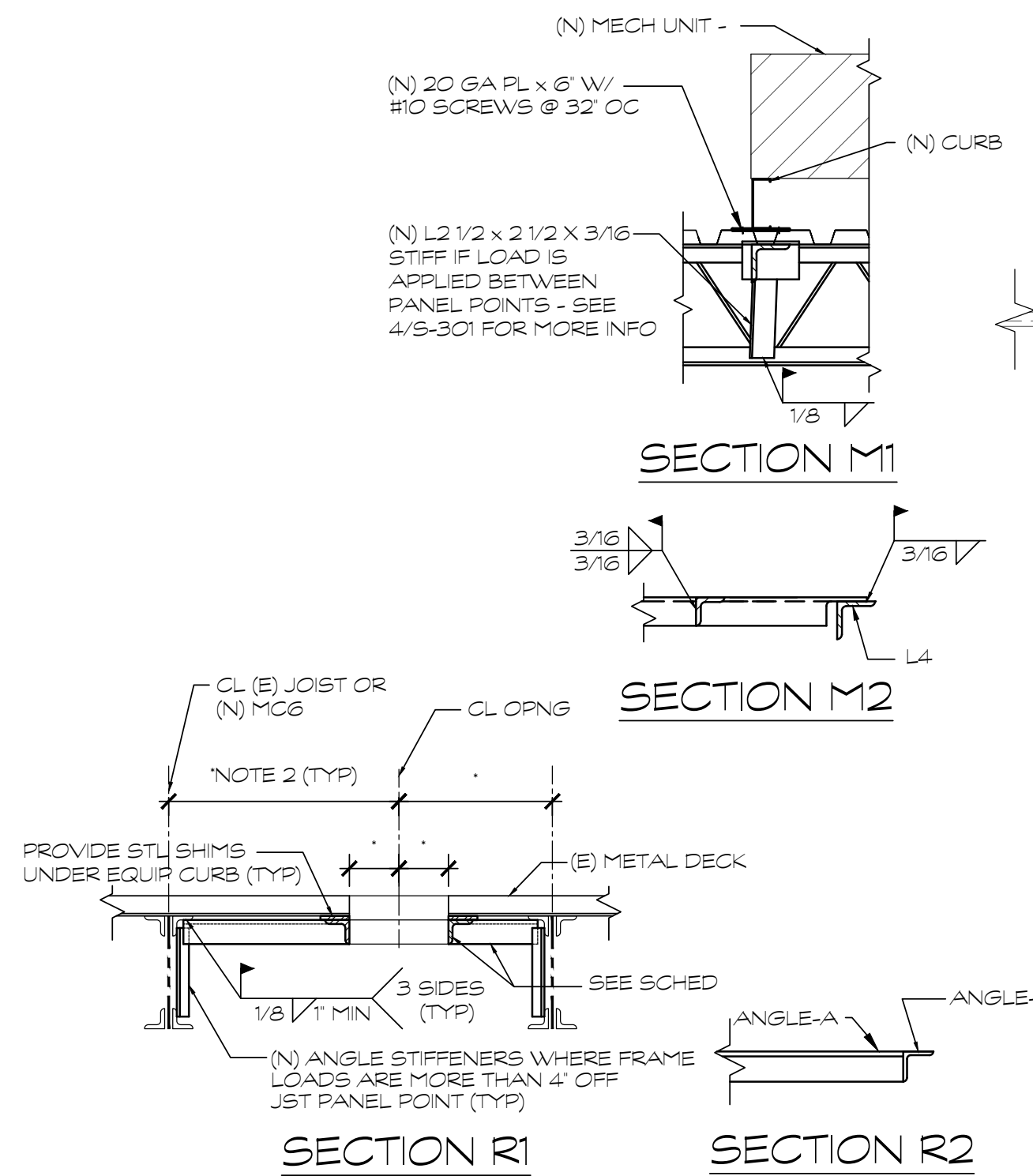
PERPENDICULAR TO JOISTS

PARALLEL TO JOISTS

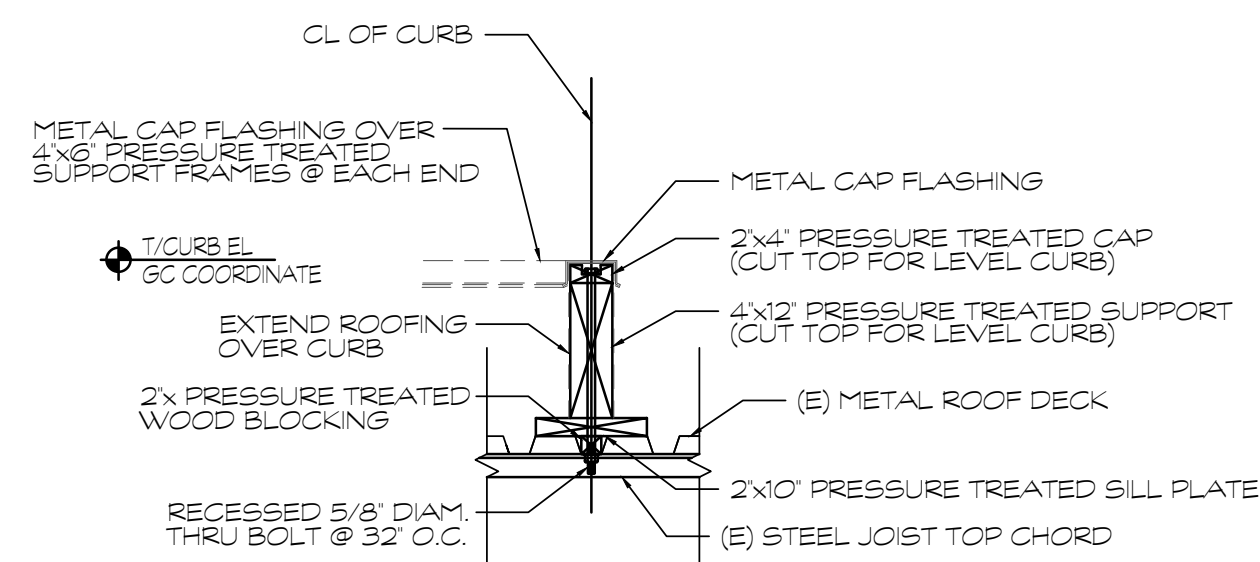


SPECIFIC HANGER REQUIREMENTS

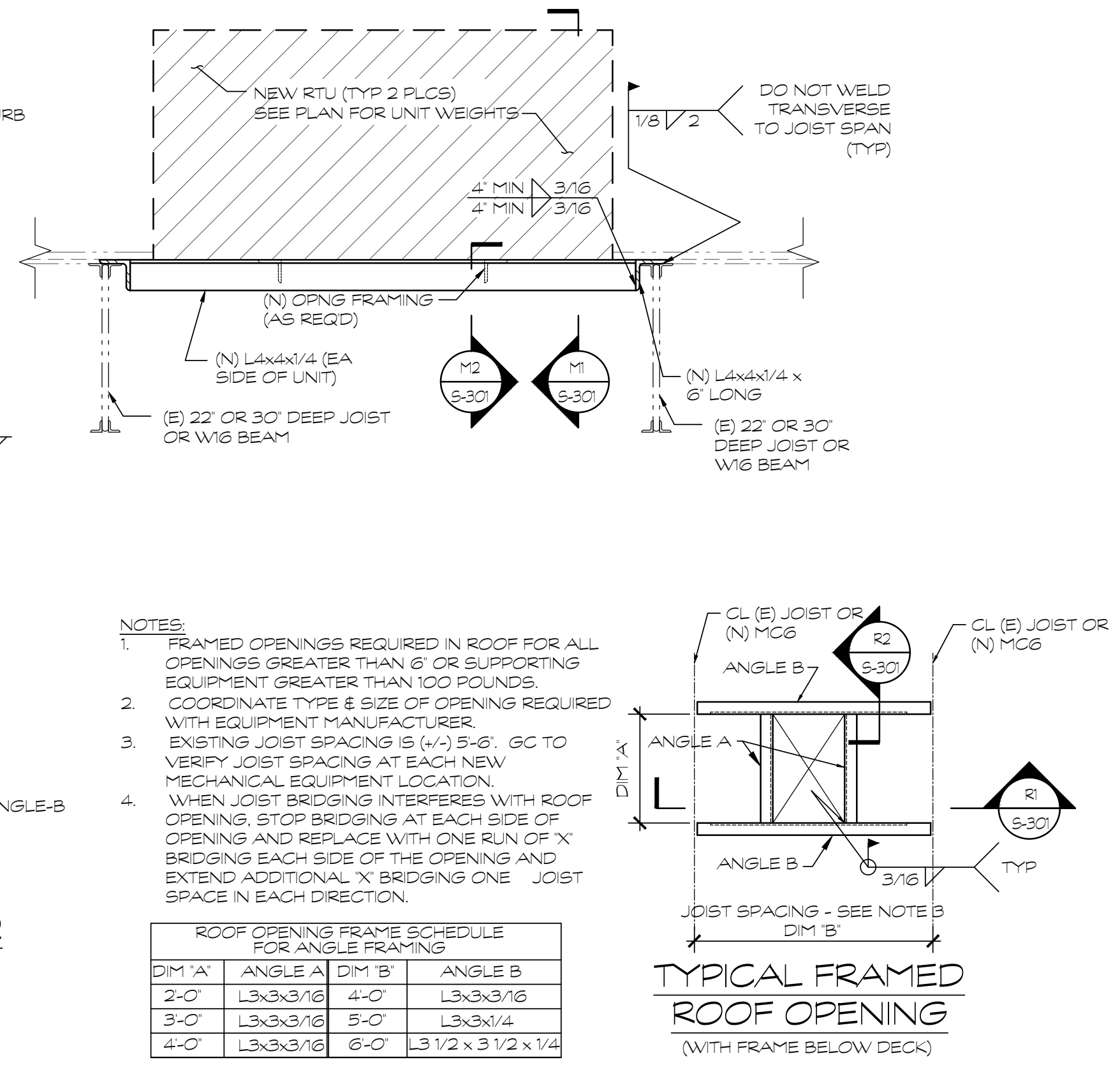
3 TYP DETAILS OF PIPES SUPPORTED BY JOISTS
SCALE: NTS



4 TYP JOIST REINFORCING DETAIL
SCALE: NTS



5 TYP EQUIPMENT CURB DETAIL
SCALE: NTS

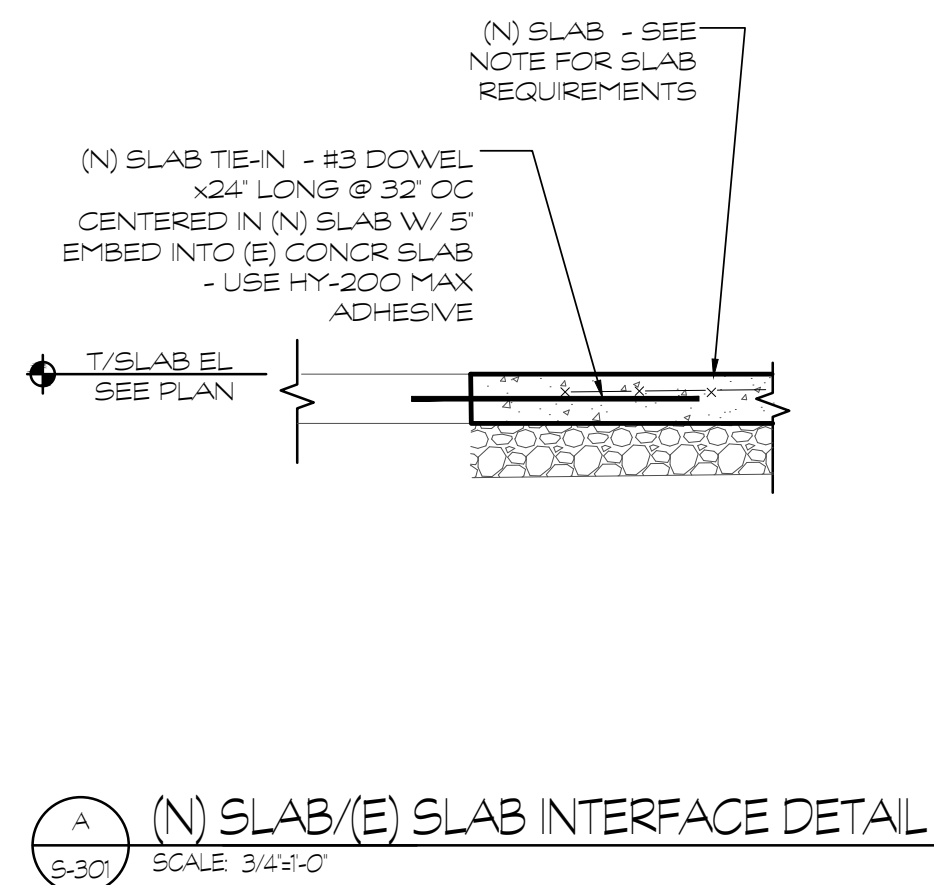


6 FLOOR SLAB DRAIN DETAIL
SCALE: 3/4"=1'-0"

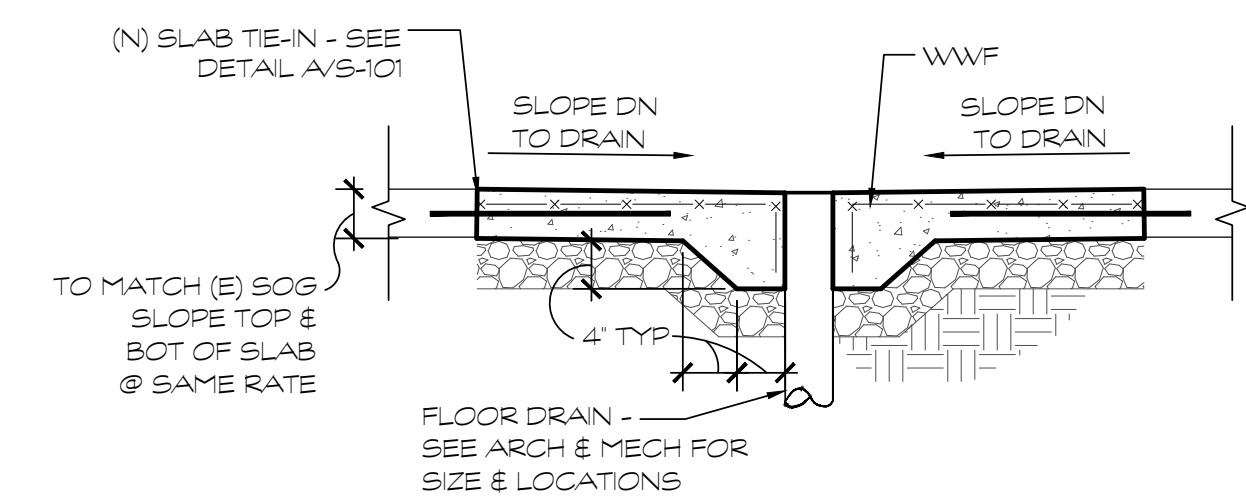
- NOTES:
1. FRAMED OPENINGS REQUIRED IN ROOF FOR ALL OPENINGS GREATER THAN 6' OR SUPPORTING EQUIPMENT GREATER THAN 100 POUNDS.
 2. COORDINATE TYPE & SIZE OF OPENINGS REQUIRED WITH EQUIPMENT MANUFACTURER.
 3. EXISTING JOIST SPACING IS (1/4) 5'-6". GC TO VERIFY JOIST SPACING AT EACH NEW MECHANICAL EQUIPMENT LOCATION.
 4. WHEN JOIST BRIDGING INTERFERES WITH ROOF OPENING, STOP BRIDGING AT EACH SIDE OF OPENING AND REPLACE WITH ONE RUN OF 'X' BRIDGING EACH SIDE OF THE OPENING AND EXTEND ADDITIONAL 'X' BRIDGING ONE JOIST SPACE IN EACH DIRECTION.

ROOF OPENING FRAME SCHEDULE FOR ANGLE FRAMING			
DIM 'A'	ANGLE A	DIM 'B'	ANGLE B
2'-0"	L3x3x3/16	4'-0"	L3x3x3/16
3'-0"	L3x3x3/16	5'-0"	L3x3x1/4
4'-0"	L3x3x3/16	6'-0"	L3 1/2 x 3 1/2 x 1/4

TYPICAL FRAMED ROOF OPENING
(WITH FRAME BELOW DECK)



7 (N) SLAB/(E) SLAB INTERFACE DETAIL
SCALE: 3/4"=1'-0"



8 FLOOR SLAB DRAIN DETAIL
SCALE: 3/4"=1'-0"

FIVE BELOW

A DEVELOPMENT BY:



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TYPICAL SECTIONS AND DETAILS

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FAN SCHEDULE

EQUIPMENT NO.	SERVICE	LOCATION	CFM	STATIC PRESS. (IN. W.G.)	MOTOR		MANUFACTURER & MODEL	OPTIONS-ACCESSORIES
					HP	VOLT.-PH.-CY.		
TEF-1	EXHAUST	CEILING	78	0.125	25 W	120-1-60	DAYTON 1UBH7	1, 2, 3
TEF-2	EXHAUST	CEILING	78	0.125	41	120-1-60	DAYTON 1UBH7	1, 2, 3

- NOTES:
 1. FAN SHALL BE CONTROLLED BY LIGHT SWITCH.
 2. SOLID STATE SPEED CONTROL.
 3. FAN SHALL BE PROVIDED WITH LOW LEAKAGE BACKDRAFT DAMPER.

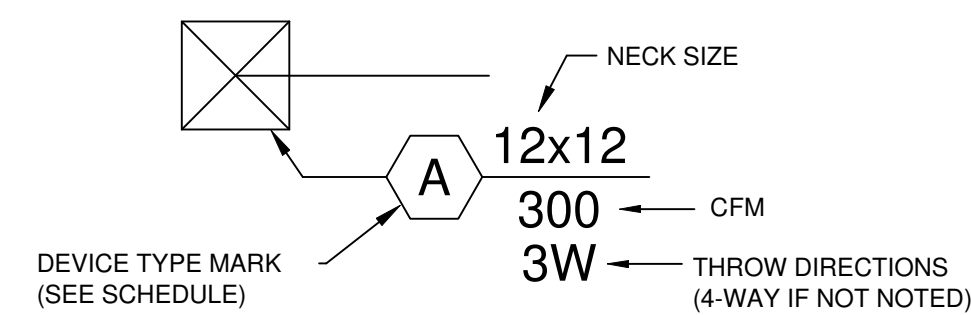
ROOFTOP AIR HANDLING UNIT SCHEDULE

TAG	SUPPLY AIR (CFM)	OUTSIDE AIR (CFM)	E.S.P. (IN. W.G.)	COOLING		HEATING		ELECTRICAL			MANUFACTURER & MODEL	NOTES
				NOM. TONS	SEER (EER)	MBH INPUT	MBH OUTPUT	V.-PH.-CY.	MCA	MOCP		
RTU-22A	4,000	860	0.6	10	(10.5)	180	147.6	460-3-60	24.8	30	CARRIER 48HJ0012	1, 4 (RELOCATED)
RTU-22B	4,500	860	0.6	12.5	(8.6)	250	200	460-3-60	30.7	35	CARRIER 48HJ0014	1, 4 (RELOCATED)
RTU-20	6,000	1175	0.6	15	(12.2)	300	240	460-3-60	32.2	45	YORK ZJ180N30R4D5HAA1C1	1 - 4
RTU-21	5,000	1175	0.6	12.5	(12.0)	240	192	460-3-60	41.3	50	YORK ZA150N24R4D5HAA1A1	1 - 4
RTU-22	7,500	-	0.6	15	(11.5)	250	205	460-3-60	37.0	45	CARRIER 48HGD016	5

- NOTES:
 1. OUTSIDE AIR BASED ON 2010 ARKANSAS CODE TABLE 403.3 FOR RETAIL SPACE. OUTSIDE AIR VALUES TO BE COORDINATED WITH TENANT FIT-UP PLANS.
 2. PROVIDE UNIT WITH ASITE TM46 THERMOSTAT, ORDERED THROUGH POWERHOUSE DYNAMICS.
 3. PROVIDE UNIT WITH DOWNFLOW ECONOMIZER WITH POWER EXHAUST, LOW AMBIENT HEAD PRESSURE CONTROLS, SMOKE DETECTOR, ROOF CURB, THRU-THE-BOTTOM SERVICE CONNECTIONS AND 120V GFCI CONVENIENCE OUTLET.
 4. PROVIDE UNIT WITH A SMOKE DETECTOR.
 5. UNIT TO BE ABANDONED IN PLACE.

OUTSIDE AIR CALCULATIONS

SPACE NAME	CLASSIFICATION	AREA (SF)	PEOPLE/1000SF	PEOPLE	CFM/PERSON	CFM/SF	PPL OA (CFM)	SF OA (CFM)	CFM REQUIRED	EFFECTIVENESS FACTOR	TOTAL CFM REQUIRED
5 BELOW	SALES	7,500	15	113	7.5	0.12	843.8	900	1743.8	0.8	2179.8
5 BELOW	OFFICE	70	5	0	5	0.06	1.8	4.2	6.0	0.8	7.5
5 BELOW	STORAGE	1,037	0	0	0	0.12	0	124.4	124.4	0.8	155.5
5 BELOW	BATHROOM	140	0	0	0	0.00	0	0.00	0.00	0.8	EXHAUST ONLY
									RTU-20 & RTU-21 REQUIRED		2342.8
									RTU-20 & RTU-21 DELIVERED		2350
TENANT B	SALES	5,900	15	89	7.5	0.12	663.8	708	1371.8	0.8	1713.8
AIRFLOW VALUES ARE FROM THE 2010 ARKANSAS MECHANICAL CODE, CHAPTER 4, TABLE 403.3									RTU-22A & RTU-22B REQUIRED		1713.8
									RTU-22A & RTU-22B DELIVERED		1720



AIR DISTRIBUTION DEVICES KEY NO SCALE

MARK	DESCRIPTION
A	LOUVERED FACE SUPPLY AIR DIFFUSER: TITUS MODEL TMS-AA, NOMINAL 12"x12" PANEL SIZE. FRAME SUITABLE FOR T-BAR CEILING OR GYPSUM. STEEL CONSTRUCTION. PROVIDE ROUND NECK OR SQUARE NECK AS REQUIRED BY THE APPLICATION -- SEE PLANS. PROVIDE WITH MODEL D-75 OPPOSED BLADE DAMPER.
B	RETURN AIR GRILLE WITH BLADES ON 3/4" CENTER, PARALLEL TO THE LONG DIMENSION AND SET AT 35 DEG. PROVIDE WITH STANDARD WHITE FINISH, LAY-IN BORDER FOR INSTALLATION IN CEILING OR SURFACE MOUNT BORDER SUITABLE FOR INSTALLATION IN DRYWALL TYPE CEILING. TITUS MODEL #350-FL OR APPROVED EQUIVALENT.
C	ALUMINUM CONSTRUCTION, SURFACE MOUNTED, LOUVERED FACE DOUBLE DEFLECTION REGISTER. PROVIDE WITH STANDARD WHITE FINISH AND OPPOSED BLADE DAMPER. TITUS MODEL #300-FS OR APPROVED EQUIVALENT.
D	ALUMINUM CONSTRUCTION, CONCENTRIC SUPPLY/RETURN DIFFUSER WITH PLENUM. PROVIDE WITH STANDARD FINISH. RUSKIN MODEL CDS-20.

- NOTES:
 1. ALL DIFFUSERS, GRILLES & REGISTERS SHALL HAVE A BAKED OFF-WHITE ENAMEL FINISH.
 2. PROVIDE ALUMINUM CONSTRUCTION IN ALL TOILET ROOMS, LOCKER ROOMS AND SHOWER ROOMS.
 3. LISTED SIZE ON DRAWING IS NECK SIZE.
 4. TRANSITION FROM DUCT SIZE TO NECK SIZE AS REQUIRED.

GAS FIRED UNIT HEATER SCHEDULE

EQUIPMENT NO.	SERVICE	CFM	INPUT (MBH)	OUTPUT (MBH)	EFFICIENCY A.F.U.E.	GAS RATE (CFH)	GAS CONN. SIZE	VENT OUTLET SIZE	ELECTRIC			MANUFACTURER & MODEL	OPTIONS-ACCESSORIES
									AMPS	V.-PH.-CY.	MOTOR HP		
UH	RECEIVING	2049	120	99.6	83%	120	1/2"	4"Ø	30	115-1-60	3/4	REZNOR UDBS125	NOTES 1, 2, 3, 4

- NOTES:
 1. VERTICAL CONCENTRIC COMBUSTION AIR/VENT KIT (CC2)
 2. FACTORY INSTALLED DISCONNECT SWITCH
 3. 1-STAGE REMOTE THERMOSTAT (PROVIDED, INSTALLED, AND WIRED BY MECHANICAL CONTRACTOR)
 4. 30' DOWNTURN NOZZLE



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Sheet No.:

M-002

- Released for Construction
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SECTION 23010 - MECHANICAL GENERAL PROVISIONS

PART 1 - GENERAL

1.1 PROJECT DESCRIPTION

A. THIS PROJECT INVOLVES THE INSTALLATION OF NEW AND RELOCATION OF EXISTING EQUIPMENT IN AN EXISTING BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MECHANICAL, ELECTRICAL, CONTROLS, ETC WORK AS REQUIRED TO ATTAIN A COMPLETE, OPERABLE SYSTEM.

1.2 EXISTING CONDITIONS

A. CONTRACTOR SHALL NOTE THAT ALL WORK IS TO OCCUR WITHIN AN EXISTING FACILITY. CONTRACTOR SHALL CAREFULLY AND THOROUGHLY REVIEW EXISTING CONDITIONS WHICH WILL AFFECT WORK. WORK SHALL BE SCHEDULED TO AVOID CONFLICTS WITH BUILDING ACTIVITIES.

B. CONTRACTOR SHALL NOTE THAT THE BUILDING UTILIZES THE SPACE ABOVE THE CEILING AS A RETURN AIR PLENUM. ALL MATERIALS INSTALLED IN THE PLENUM SHALL BE RATED FOR USE IN A RETURN AIR PLENUM.

1.3 COORDINATION

A. CONTRACTOR SHALL CAREFULLY COORDINATE WORK WITH ALL TRADES THROUGHOUT PROJECT.

B. IN THE EVENT OF A BLATANT OR PERCEIVED DISCREPANCY BETWEEN EQUIPMENT QUANTITIES, SIZES, OR SCOPE DEFINITION WHEN COMPARING SPECIFICATIONS, DRAWINGS, EXISTING CONDITIONS, AND/OR VERBAL COMMUNICATION RECEIVED, CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.

C. WHERE NEW EQUIPMENT IS REPLACING EXISTING, CONTRACTOR IS RESPONSIBLE FOR VERIFYING EQUIPMENT VOLTAGES PRIOR TO ORDERING EQUIPMENT. CONTRACTOR SHALL VERIFY ALL EQUIPMENT VOLTAGES PRIOR TO ORDERING EQUIPMENT.

D. CONTRACTOR SHALL COORDINATE TO ALLOW PROPER ACCESS AROUND ALL NEW EQUIPMENT ALLOWING FOR ADEQUATE CLEARANCE TO ALLOW FOR MANUFACTURERS'RECOMMENDED CLEARANCES AND CODE-REQUIRED CLEARANCES.

1.4 CODE COMPLIANCE

A. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL LAWS, CODES, ORDINANCES, REGULATIONS, ETC. OF ALL FEDERAL, STATE, AND LOCAL AUTHORITIES HAVING JURISDICTION.

1.5 SLEEVES, SEALS, AND ESCUTCHEONS

A. ALL PIPE PENETRATIONS OF CONCRETE OR MASONRY WALLS, ELEVATED FLOORS, OR ROOFS SHALL BE PROVIDED WITH SCHEDULE 40 STEEL PIPE SLEEVES WITH WATER STOP RINGS. SLEEVES SHALL BE FINISHED FLUSH WITH THE WALL OR ROOF SURFACE.

B. ALL SLEEVES PENETRATING EXTERIOR WALLS OR ROOFS SHALL BE PACKED AND SEALED WATERTIGHT.

1.6 FIRE-STOPS

A. A FIRE-STOP SHALL BE PROVIDED WHEREVER DUCTWORK, PIPING, CONDUIT, ETC. PENETRATES FIRE PARTITIONS, FIRE WALLS AND FLOORS TO MAINTAIN AN EFFECTIVE FIRE, SMOKE, AND GAS BARRIER.

1.7 TESTING AND BALANCING

A. TEST AND BALANCE SHALL BE PERFORMED BY A CERTIFIED TESTING AND BALANCING CONTRACTOR.

1.8 MISCELLANEOUS

A. DO NOT SCALE DRAWINGS FOR EXACT DIMENSIONS, VERIFY ALL FIXTURES, CONDITIONS, AND DIMENSIONS AT THE JOB SITE.

B. THE MECHANICAL PLANS ARE INTENDED TO BE DIAGRAMATIC AND ARE BASED ON ONE MANUFACTURERS EQUIPMENT. THEY ARE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION, THE EXACT DIMENSIONS, OR ALL THE DETAILS OF THE EQUIPMENT. THE CONTRACTOR SHALL VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT PROPOSED TO ENSURE THAT THE EQUIPMENT WILL FIT IN THE AVAILABLE SPACE.

PART 2 - PRODUCTS

2.1 BID BASIS / SUBSTITUTION PROCEDURES

A. ENCLOSED DOCUMENTS LIST SPECIFIC MANUFACTURERS, MODEL NUMBERS, AND PERFORMANCE REQUIREMENTS FOR THE TYPE OF EQUIPMENT SPECIFIED. EQUIPMENT MUST MEET ALL SPECIFIED REQUIREMENTS. EQUIPMENT MUST BE OF THE SPECIFIED OR LISTED ALTERNATE MANUFACTURERS. ALTERNATE MANUFACTURERS SHALL MATCH SIZE, CAPACITY, AND APPEARANCE OF SPECIFIED EQUIPMENT. PROPOSED SUBSTITUTIONS WHICH REQUIRE A CHANGE IN DIMENSIONS, APPEARANCE, OR DESIGN SHALL BE SUBMITTED IN WRITING FOR APPROVAL.

PART 3 - EXECUTION

3.1 SUBMITTALS/SHOP DRAWINGS

A. CONTRACTOR SHALL PROVIDE FOUR (4) COPIES OF MANUFACTURER'S PRODUCT LITERATURE FOR ALL EQUIPMENT AND MATERIAL PROPOSED FOR INSTALLATION. SUBMITTALS SHALL INCLUDE CATALOG INFORMATION, INSTALLATION DRAWINGS, AND PERFORMANCE CRITERIA FOR EACH PIECE OF EQUIPMENT.

B. FOR ANY SUBSTITUTE EQUIPMENT WHICH IS APPROVED FOR INSTALLATION, CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL REQUIREMENTS INCLUDING ELECTRICAL, STRUCTURAL, SPACING, CLEARANCE, ETC. AS REQUIRED.

C. FOR ALL DUCTWORK, PIPING, AND ASSOCIATED EQUIPMENT, CONTRACTOR SHALL PROVIDE FOUR (4) COPIES OF DETAILED PRODUCTION SHOP DRAWINGS DETAILING EXACT ROUTING/LOCATION OF PIPING, DUCTWORK, EQUIPMENT, ETC. SPOOL LENGTHS, TRANSITION SIZES, EXACT DIMENSIONS, SUPPORT METHODS, ETC. SHALL BE CLEARLY INDICATED.

3.2 INSTALLATION REQUIREMENTS

A. ALL EQUIPMENT SHALL BE PROVIDED IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS.

B. CONTRACTOR SHALL PROVIDE A COPY OF INSTALLATION, OPERATION, AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT PROVIDED.

C. CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED MOUNTING HARDWARE, SUPPORT STRUCTURES, PADS, CURBS, ETC. AS REQUIRED.

3.3 CLEANING, LUBRICATION, AND ADJUSTMENT

A. ALL INSTALLED EQUIPMENT AND COMPONENTS SHALL BE CLEANED AND FREE OF DEBRIS PRIOR TO COMPLETION OF WORK.

B. NEW FILTERS SHALL BE PROVIDED AT THE END OF CONSTRUCTION FOR ALL NEW & EXISTING EQUIPMENT REQUIRING FILTERS.

3.4 TESTING AND BALANCING

A. HVAC TEST AND BALANCE SHALL BE PERFORMED ON ALL AIRSIDE EQUIPMENT TO VERIFY AIR FLOWS OF ALL EQUIPMENT/COMPONENTS SPECIFIED. TEST AND BALANCE SHALL BE PERFORMED UNDER THE SUPERVISION OF A CERTIFIED TEST AND BALANCE ENGINEER.

B. CONTRACTOR SHALL PROVIDE 5 (FIVE) COPIES OF TEST AND BALANCE REPORTS NOTING TEMPERATURES, SUPPLY/RETURN AIR TEMPERATURES, AIRFLOW READINGS FOR SUPPLY AIR, RETURN AIR, AND OUTSIDE AIR SHALL ALSO BE REPORTED.

3.5 WARRANTY

A. ALL WORK PERFORMED UNDER THIS SCOPE OF WORK SHALL BE SUBJECT TO A WARRANTY FOR A MINIMUM OF ONE YEAR. THE WARRANTY SHALL INCLUDE ALL REQUIRED PARTS AND LABOR.

END OF SECTION 23010

SECTION 23013 - INSULATION

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES INSULATING MATERIALS FOR PIPING AND DUCTWORK REQUIRED FOR THE WORK. REFER TO SCHEDULES ON THIS SHEET.

PART 2 - PRODUCTS

2.1 INSULATION GENERAL:

A. DUCTWORK, PIPING, VALVES AND FITTINGS SHALL BE INSULATED IN ACCORDANCE WITH THE SPECIFICATIONS AND SCHEDULES.

2.2 GLASS FIBER

A. MATERIAL: INORGANIC GLASS FIBERS, BONDED WITH A THERMOSETTING RESIN.

B. JACKET: AS SPECIFIED FOR TYPES OF INSULATION.

C. BOARD: ASTM C 612, CLASS 2, SEMI-RIGID JACKETED BOARD.

- THERMAL CONDUCTIVITY: 0.26 AVERAGE MAXIMUM, AT 75°F MEAN TEMPERATURE.
- DENSITY: 6 PCF AVERAGE MAXIMUM.
- JACKET: FACTORY APPLIED, KRAFT PAPER, REINFORCING SCRIM, WITH ALUMINUM FOIL OR VINYL FILM.
- BLANKET: ASTM C 533, TYPE II, CLASS F-1, JACKETED FLEXIBLE BLANKETS.

D. MATERIAL: INORGANIC GLASS FIBERS, BONDED WITH A THERMOSETTING RESIN.

1. THERMAL CONDUCTIVITY: 0.32 AVERAGE MAXIMUM AT 75°F MEAN TEMPERATURE.

2. DENSITY: 0.75 PCF AVERAGE MAXIMUM.

3. JACKET: FACTORY APPLIED, KRAFT PAPER, REINFORCING SCRIM, WITH ALUMINUM FOIL OR VINYL FILM.

E. PREFORMED PIPE INSULATION: ASTM C 547, CLASS 1, RIGID PIPE INSULATION, JACKETED.

- THERMAL CONDUCTIVITY: 0.28 AVERAGE MAXIMUM AT 75°F MEAN TEMPERATURE.
- DENSITY: 10 PCF AVERAGE MAXIMUM.
- JACKET: FACTORY APPLIED, KRAFT PAPER BONDED TO ALUMINUM FOIL AND REINFORCED WITH GLASS FIBERS.

F. ADHESIVE: PRODUCED UNDER THE UL CLASSIFICATION AND FOLLOW-UP SERVICE.

- TYPE: NON-FLAMMABLE, SOLVENT BASED.
- SERVICE TEMPERATURE RANGE: MINUS 20°F TO 180°F.

2.3 FLEXIBLE ELASTOMERIC CELLULAR

A. MATERIAL: FLEXIBLE EXPANDED CLOSED-CELL STRUCTURE WITH SMOOTH SKIN ON BOTH SIDES.

- TUBULAR MATERIALS: ASTM C 534, TYPE I.
- SHEET MATERIALS: ASTM C 534, TYPE II.

B. THERMAL CONDUCTIVITY: 0.30 AVERAGE MAXIMUM AT 75°F.

C. COATING: WATER-BASED LATEX ENAMEL COATING RECOMMENDED BY INSULATION MANUFACTURER. PROVIDE ULTRAVIOLET-PROTECTIVE COATING RECOMMENDED BY THE MANUFACTURER.

D. APPLICATION: EXTERIOR PIPING ONLY. NOT ACCEPTABLE IN RETURN AIR PLENUM.

2.4 FIRE BARRIER PLENUM WRAP

A. FLEXIBLE FIRE-RESISTANT WRAP WITH INNER BLANKET ENCAPSULATED WITH A SCRIM-REINFORCED FOIL COVERING; ½" THICK, MINIMUM 6 PCF, WITH MAX. FLAME SPREAD INDEX AND SMOKE DEVELOPED INDEX OF THE OIL ENCAPSULATED BLANKET = 25/50.

B. APPLICATION: PROVIDE FOR ITEMS RETURN AIR PLENUM TO PROVIDE A PROTECTIVE COVERING OVER EXISTING ITEMS THAT DO NOT MEET CODE REQUIREMENTS FOR INSTALLATION IN A RETURN AIR PLENUM.

2.5 INSULATING CEMENTS

A. PROVIDE INSULATING CEMENTS AS RECOMMENDED BY INSULATION MANUFACTURER COMPLYING WITH APPLICABLE ASTM SECTION.

2.5 ADHESIVES

A. PROVIDE ADHESIVES AS RECOMMENDED BY INSULATION MANUFACTURER FOR TYPE AND LOCATION OF INSULATING MATERIALS.

2.6 JACKETS

A. ALUMINUM JACKET: ASTM B209, 3003 ALLOY, H-14 TEMPERED, ROLL STOCK READY FOR SHOP OR FIELD CUTTING.

- SMOOTH FINISH, 0.010 INCH THICK
- CORRUGATED FINISH, 0.010 INCH THICK
- ELBOWS: PREFORMED, 45 AND 90 DEGREE ELBOWS; SAME MATERIAL, FINISH AND THICKNESS AS JACKET.

2.7 REMOVABLE/REUSABLE INSULATION COVERS

A. APPLICATION: PROVIDE OVER ALL OPERABLE VALVES AND PRESSURE REDUCING STATION COMPONENTS NOT COVERED WITH CONTINUOUS INSULATION.

B. MATERIALS

- INNER JACKETING: 17 OZ./CU. FT. PTFE COATED FIBERGLASS CLOTH.
- OUTER JACKETING: 17 OZ./CU. FT. PTFE COATED FIBERGLASS CLOTH.
- SIDE GUSSETS: 17 OZ./CU. FT. PTFE COATED FIBERGLASS CLOTH.
- INSULATION CORE: 2" THICK - 68OZ./ FT. DENSITY TET-BLANET.
- SEAM CLOSURE: PTFE COATED FIBERGLASS THREAD
- SEAM FASTENERS: PTFE CLOTH STRAPS WITH STAINLESS STEEL DOUBLE D-RINGS AND TYPE 304 LACING HOOKS & 16 GA S.S. TIE WIRE.

PART 3 - EXECUTION

3.1 PREPARATION

A. SURFACE PREPARATION: CLEAN AND DRY SURFACES TO RECEIVE INSULATION. REMOVE MATERIALS THAT WILL ADVERSELY AFFECT INSULATION APPLICATION.

3.2 GENERAL INSTALLATION REQUIREMENTS

A. INSTALL INSULATION MATERIALS, ACCESSORIES, AND FINISHES WITH SMOOTH, STRAIGHT, AND EVEN SURFACES FREE OF VOIDS THROUGHOUT THE LENGTH OF DUCTS AND FITTINGS.

B. INSTALL INSULATION MATERIALS, VAPOR BARRIERS OR RETARDERS, JACKETS, AND THICKNESSES REQUIRED FOR EACH ITEM OF DUCT SYSTEM AS SPECIFIED IN INSULATION SYSTEM SCHEDULES.

C. INSTALL ACCESSORIES COMPATIBLE WITH INSULATION MATERIALS AND SUITABLE FOR THE SERVICE. INSTALL ACCESSORIES THAT DO NOT CORRODE, SOFTEN, OR OTHERWISE ATTACK INSULATION OR JACKET IN EITHER WET OR DRY STATE.

END OF SECTION 23013

SECTION 23313 - DUCTWORK

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES:

- RECTANGULAR DUCTS AND FITTINGS.
- ROUND DUCTS AND FITTINGS.
- SHEET METAL MATERIALS.
- FLEXIBLE DUCT.
- DUCT LINER.
- SEALANTS AND GASKETS.
- HANGERS AND SUPPORTS.

1.2 SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.

PART 2 - PRODUCTS

2.1 RECTANGULAR AND ROUND DUCTS AND FITTINGS

A. GENERAL FABRICATION REQUIREMENTS: COMPLY WITH SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE," INCLUDING CHAPTER 3 "ROUND, OVAL AND FLEXIBLE DUCT," BASED ON APPROPRIATE STATIC-PRESSURE CLASS.

2.2 SHEET METAL MATERIALS

A. GENERAL MATERIAL REQUIREMENTS: COMPLY WITH SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE" FOR ACCEPTABLE MATERIALS, MATERIAL THICKNESSES, AND DUCT CONSTRUCTION METHODS UNLESS OTHERWISE INDICATED. SHEET METAL MATERIALS SHALL BE FREE OF PITTING, SEAM MARKS, ROLLER MARKS, STAINS, DISCOLORATIONS, AND OTHER IMPERFECTIONS.

2.3 FLEXIBLE TYPE DUCT

A. GENERAL FLEXIBLE DUCTWORK SHALL BE OF TWO ELEMENT SPIRAL CONSTRUCTION COMPOSED OF A CORROSION RESISTANT METAL SUPPORTING SPIRAL AND COATED FABRIC WITH A MINERAL BASE. FLEXIBLE DUCT CONNECTORS SHALL BE LISTED BY U.L., CLASS 1 DUCTS, AND SHALL HAVE A FLAME SPREAD RATINGS NOT EXCEEDING 25 AND A SMOKE DEVELOPED RATING NOT EXCEEDING 50.

2.4 SEALANT AND GASKETS

A. GENERAL SEALANT AND GASKET REQUIREMENTS: SURFACE-BURNING CHARACTERISTICS FOR SEALANTS AND GASKETS SHALL BE A MAXIMUM FLAME-SPREAD INDEX OF 25 AND A MAXIMUM SMOKE-DEVELOPED INDEX OF 50 (WHEN TESTED ACCORDING TO UL FT73; CERTIFIED BY AN NRTL).

PART 3 - EXECUTION

3.1 DUCT INSTALLATION

A. DRAWING PLANS, SCHEMATICS, AND DIAGRAMS INDICATE GENERAL LOCATION AND ARRANGEMENT OF DUCT SYSTEM. INDICATED DUCT LOCATIONS, CONFIGURATIONS, AND ARRANGEMENTS WERE USED TO SIZE DUCTS AND CALCULATE FRICTION LOSS FOR AIR-HANDLING EQUIPMENT SIZING AND FOR OTHER DESIGN CONSIDERATIONS. INSTALL DUCT SYSTEMS AS INDICATED UNLESS DEVIATIONS TO LAYOUT ARE APPROVED ON COORDINATION DRAWINGS.

B. INSTALL DUCTS ACCORDING TO SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE" UNLESS OTHERWISE INDICATED.

C. USE OF FLEXIBLE DUCTWORK SHALL BE LIMITED TO NO MORE THAN 6 LINEAR FEET PER RUN.

D. CONTRACTOR SHALL BE CAREFUL SO AS NOT TO KINK OR COLLAPSE FLEXIBLE DUCT.

E. CONTRACTOR SHALL PROVIDE AND INSTALL APPROVED FIRE DAMPERS AND ACCESS PANELS IN ANY AND ALL DUCTWORK WHICH PENETRATES A HORIZONTAL OR VERTICAL FIRE PARTITION, OR AS OTHERWISE SHOWN ON THE DRAWINGS.

F. ALL BRANCH DUCTS TO HAVE VOLUME DAMPERS.

G. SMOOTH TURN RADIUS DUCTWORK OR TURNING VANES SHALL BE USED THROUGHOUT WHERE FLOW EXCEEDS 150 CFM.

H. ALL DUCT DIMENSIONS SHOWN ON PLANS ARE NET INSIDE VALUES. DIMENSIONS MAY BE CHANGED SO LONG AS THE NET FREE FACE AREA IS MAINTAINED.

I. ALL CONCEALED DUCTWORK SHALL BE INSULATED WITH 1-1/2" FIBERGLASS INSULATING BLANKET WITH ALUMINUM FOIL FACING.

J. ALL SUPPLY AND RETURN DUCTWORK 15 FEET DOWNSTREAM OF THE HVAC UNIT SHALL BE INTERNALLY LINED WITH A ¼" ACOUSTICAL DUCT LINER.

3.2 DUCT SEALING

A. SEAL DUCTS FOR DUCT STATIC-PRESSURE, SEAL CLASSES, AND LEAKAGE CLASSES SPECIFIED IN "DUCT SCHEDULE" ARTICLE ACCORDING TO SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE."

3.3 HANGER AND SUPPORT INSTALLATION

A. COMPLY WITH SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE," CHAPTER 5, "HANGERS AND SUPPORTS."

END OF SECTION 23313

SECTION 23313 - DIFFUSERS, REGISTERS, AND GRILLES

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES:

- AIR DISTRIBUTION DEVICES

1.2 SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED, INCLUDE THE FOLLOWING:

- DATA SHEET: INDICATE MATERIALS OF CONSTRUCTION, FINISH, AND MOUNTING DETAILS, AND PERFORMANCE DATA INCLUDING THROW AND DROP, STATIC-PRESSURE DROP, AND NOISE RATINGS.
- DIFFUSER, REGISTER, AND GRILLE SCHEDULE: INDICATE DRAWING DESIGNATION, ROOM LOCATION, QUANTITY, MODEL NUMBER, SIZE, AND ACCESSORIES FURNISHED.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

- METALFAIR, INC.
- NALOR INDUSTRIES INC.
- PRICE INDUSTRIES.
- TITUS.

2.2 SELECTION CRITERIA

A. ALL AIR DISTRIBUTION DEVICES SHALL BE SELECTED IN ACCORDANCE WITH THE METHOD OF MOUNTING, CEILING FINISH, AND COLOR. THE MOUNTING METHOD SHALL BE COMPATIBLE WITH THE CEILING, WALL, OR DUCT SURFACE IN WHICH IT MOUNTS. REFER TO THE ARCHITECTURAL DRAWINGS TO DETERMINE THE MOUNTING METHOD FOR EACH DEVICE, AND SELECT THE COLOR TO MATCH THE COLOR OF THE ADJACENT CEILING OR WALL, UNLESS NOTED OTHERWISE ON THE PLANS. REFER TO SCHEDULE ON MECHANICAL PLANS.

PART 3 - EXECUTION

3.1 EXAMINATION

A. EXAMINE AREAS WHERE DIFFUSERS, REGISTERS, AND GRILLES ARE TO BE INSTALLED FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF EQUIPMENT.

B. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2 INSTALLATION

A. INSTALL DIFFUSERS, REGISTERS, AND GRILLES LEVEL AND PLUMB, AND IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

B. CEILING-MOUNTED OUTLETS AND INLETS: DRAWINGS INDICATE GENERAL ARRANGEMENT OF DUCTS, FITTINGS, AND ACCESSORIES. AIR OUTLET AND INLET LOCATIONS HAVE BEEN INDICATED TO ACHIEVE DESIGN REQUIREMENTS FOR AIR VOLUME, NOISE CRITERIA, AIRFLOW PATTERN, THROW, AND PRESSURE DROP. MAKE FINAL LOCATIONS WHERE INDICATED, AS MUCH AS PRACTICAL. FOR UNITS INSTALLED IN LAV-IN CEILING PANELS, LOCATE UNITS IN THE CENTER OF PANEL. WHERE ARCHITECTURAL FEATURES OR OTHER ITEMS CONFLICT WITH INSTALLATION, NOTIFY ARCHITECT FOR A DETERMINATION OF FINAL LOCATION.

C. INSTALL DIFFUSERS, REGISTERS, AND GRILLES WITH AIRTIGHT CONNECTIONS TO DUCTS AND TO ALLOW SERVICE AND MAINTENANCE OF DAMPERS, AIR EXTRACTORS, AND FIRE DAMPERS. ALL ADJUSTABLE AIR DISTRIBUTION DEVICES LOCATED WITHIN THREE FEET OF ANY WALL SHALL BE SET TO BLOW DIRECTLY AWAY FROM, OR PARALLEL TO, THE WALL.

3.3 ADJUSTING

A. AFTER INSTALLATION, ADJUST DIFFUSERS, REGISTERS, AND GRILLES TO AIR PATTERNS INDICATED, OR AS DIRECTED, BEFORE STARTING AIR BALANCING.

END OF SECTION 23313

SECTION 233423 - HVAC POWER VENTILATORS

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES:

- CEILING-MOUNTED VENTILATORS.

1.2 PERFORMANCE REQUIREMENTS

A. PROJECT ALTITUDE: BASE-FAN PERFORMANCE RATINGS ON SEA LEVEL.

1.3 ACTION SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED. INCLUDE RATED CAPACITIES, OPERATING CHARACTERISTICS, AND FURNISHED SPECIALTIES AND ACCESSORIES. ALSO INCLUDE THE FOLLOWING:

- CERTIFIED FAN PERFORMANCE CURVES WITH SYSTEM OPERATING CONDITIONS INDICATED.
- CERTIFIED FAN SOUND-POWER RATINGS.
- MOTOR RATINGS AND ELECTRICAL CHARACTERISTICS, PLUS MOTOR AND ELECTRICAL ACCESSORIES.
- MATERIAL THICKNESS AND FINISHES, INCLUDING COLOR CHARTS.
- DAMPERS, INCLUDING HOUSINGS, LINKAGES, AND OPERATORS.
- FAN SPEED CONTROLLERS.

1.4 QUALITY ASSURANCE

A. ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY, AND MARKED FOR INTENDED LOCATION AND APPLICATION.

B. AMCA COMPLIANCE: FANS SHALL HAVE AMCA-CERTIFIED PERFORMANCE RATINGS AND SHALL BEAR THE AMCA-CERTIFIED RATINGS SEAL.

1.5 COORDINATION

A. COORDINATE SIZES AND LOCATIONS OF ROOF CURBS, EQUIPMENT SUPPORTS, AND ROOF PENETRATIONS WITH ACTUAL EQUIPMENT PROVIDED.

PART 2 - PRODUCTS

2.1 CEILING-MOUNTED VENTILATORS

A. BASIS-OF-DESIGN PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCT INDICATED ON DRAWINGS OR COMPARABLE PRODUCT BY ONE OF THE FOLLOWING:

- BROAN-NITONE LLC.
- GREENHECK FAN CORPORATION.
- LOREN COOK COMPANY.
- PENNBARRY.

B. CAPACITIES AND CHARACTERISTICS: AS SCHEDULED ON THE PLANS.

PART 3 - EXECUTION

3.1 INSTALLATION

A. INSTALL POWER VENTILATORS LEVEL AND PLUMB.

B. CEILING UNITS: SUSPEND UNITS FROM STRUCTURE.

C. SUPPORT SUSPENDED UNITS FROM STRUCTURE USING THREADED STEEL RODS AND VIBRATION-CONTROL DEVICES.

D. INSTALL UNITS WITH CLEARANCES FOR SERVICE AND MAINTENANCE.

3.2 CONNECTIONS

A. DRAWINGS INDICATE GENERAL ARRANGEMENT OF DUCTS AND DUCT ACCESSORIES. MAKE FINAL DUCT CONNECTIONS WITH FLEXIBLE CONNECTORS.

B. INSTALL DUCTS ADJACENT TO POWER VENTILATORS TO ALLOW SERVICE AND MAINTENANCE.

3.3 FIELD QUALITY CONTROL

A. PERFORM TESTS AND INSPECTIONS.

B. TESTS AND INSPECTIONS:

- VERIFY THAT SHIPPING, BLOCKING, AND BRACING ARE REMOVED.
- VERIFY THAT UNIT IS SECURE ON MOUNTING AND SUPPORTING DEVICES AND THAT CONNECTIONS TO DUCTS AND ELECTRICAL COMPONENTS ARE COMPLETE. VERIFY THAT PROPER THERMAL-OVERLOAD PROTECTION IS INSTALLED IN MOTORS, STARTERS, AND DISCONNECT SWITCHES.
- VERIFY THAT CLEANING AND ADJUSTING ARE COMPLETE.
- DISCONNECT FAN DRIVE FROM MOTOR. VERIFY PROPER MOTOR ROTATION DIRECTION, AND VERIFY FAN WHEEL FREE ROTATION AND SMOOTH BEARING OPERATION.
- ADJUST DAMPER LINKAGES FOR PROPER DAMPER OPERATION.
- VERIFY LUBRICATION FOR BEARINGS AND OTHER MOVING PARTS.
- REMOVE AND REPLACE MALFUNCTIONING UNITS AND RETEST AS SPECIFIED ABOVE.

C. TEST AND ADJUST CONTROLS AND SAFETIES. REPLACE DAMAGED AND MALFUNCTIONING CONTROLS AND EQUIPMENT.

D. PREPARE TEST AND INSPECTION REPORTS.

END OF SECTION 233423

SECTION 237413 - PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS

PART 1 - GENERAL

1.1 SUMMARY

A. THIS SECTION INCLUDES PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS (ROOFTOP UNITS) WITH THE FOLLOWING COMPONENTS AND ACCESSORIES:

- DIRECT-EXPANSION COOLING.
- GAS FURNACE.
- ECONOMIZER OUTDOOR-AIR DAMPER SECTION.
- INTEGRAL SPACE TEMPERATURE CONTROLS.
- ROOF CURBS.

1.2 ACTION SUBMITTALS

A. PRODUCT DATA: INCLUDE MANUFACTURER'S TECHNICAL DATA FOR EACH RTU, INCLUDING RATED CAPACITIES, DIMENSIONS, REQUIRED CLEARANCES, CHARACTERISTICS, FURNISHED SPECIALTIES, AND ACCESSORIES.

1.3 QUALITY ASSURANCE

A. AIR COMPLIANCE:

- COMPLY WITH AHJ 210242 AND AHJ 340360 FOR TESTING AND RATING ENERGY EFFICIENCIES FOR RTUS.
- COMPLY WITH AHJ 210 FOR TESTING AND RATING SOUND PERFORMANCE FOR RTUS.

B. ASHRAE COMPLIANCE:

- COMPLY WITH ASHRAE 15 FOR REFRIGERATION SYSTEM SAFETY.
- COMPLY WITH ASHRAE 33 FOR METHODS OF TESTING COOLING AND HEATING COILS.

C. NFPA COMPLIANCE: COMPLY WITH NFPA 96A AND NFPA 96B.

D. ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, ARTICLE 100, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, AND MARKED FOR INTENDED USE.

1.4 WARRANTY

VERIFY AVAILABLE WARRANTIES FOR RTUS AND COMPONENTS AND RESET NUMBER IN SUBPARAGRAPHS BELOW. PERIODS INDICATED ARE INCLUDED WITH MANUFACTURER'S PUBLISHED DATA AND VARY AMONG MANUFACTURERS AND UNIT SIZES:

- WARRANTY PERIOD FOR COMPRESSORS, MANUFACTURER'S STANDARD, BUT NOT LESS THAN FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
- WARRANTY PERIOD FOR GAS FURNACE HEAT EXCHANGERS, MANUFACTURER'S STANDARD, BUT NOT LESS THAN FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
- WARRANTY PERIOD FOR SOLE-STATE IGNITION MODULES, MANUFACTURER'S STANDARD, BUT NOT LESS THAN THREE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
- WARRANTY PERIOD FOR CONTROL BOARDS, MANUFACTURER'S STANDARD, BUT NOT LESS THAN THREE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. BASIS-OF-DESIGN PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE THE PRODUCT INDICATED ON DRAWINGS OR A COMPARABLE PRODUCT BY ONE OF THE FOLLOWING:

- LENNOX INDUSTRIES INC.
- MCQUAY INTERNATIONAL.
- TRANE-AMERICAN STANDARD COMPANIES, INC.
- YORK INTERNATIONAL CORPORATION.
- CARRIER UNITED TECHNOLOGIES.

2.2 CASING

A. GENERAL FABRICATION REQUIREMENTS FOR CASINGS: FORMED AND REINFORCED DOUBLE-WALL INSULATED PANELS, FABRICATED TO ALLOW REMOVAL FOR ACCESS TO INTERNAL PARTS AND COMPONENTS, WITH JOINTS BETWEEN SECTIONS SEALED.

B. EXTERIOR CASING MATERIAL: GALVANIZED STEEL WITH FACTORY-PAINTED FINISH, WITH PITCHED ROOF PANELS AND KNOCKOUTS WITH GROMMET SEALS FOR ELECTRICAL AND PIPING CONNECTIONS AND RISERS.

- EXTERIOR CASING THICKNESS: 0.052 INCH THICK.

C. INNER CASING FABRICATION REQUIREMENTS:

- INSIDE CASING: GALVANIZED STEEL, 0.034 INCH THICK.

D. CASING INSULATION AND ADHESIVE: COMPLY WITH NFPA 90A OR NFPA 90B.

- MATERIALS: ASTM C 1071, TYPE I.
- THICKNESS: 1/2 INCH.

RETAIN THIRD OPTION IN FIRST PARAGRAPH BELOW TO COMPLY WITH LEED PREREQUISITE EQ 1 OR IF REQUIRED BY PROJECT REQUIREMENTS OR AUTHORITIES HAVING JURISDICTION.

E. CONDENSATE DRAIN PANS: FORMED SECTIONS OF GALVANIZED STEEL SHEET, A MINIMUM OF 2 INCHES DEEP.

- DRAIN CONNECTIONS: THREADED NIPPLE.

RETAIN SUBPARAGRAPH BELOW FOR GALVANIZED-STEEL DRAIN PANS AND DELETE FOR STAINLESS-STEEL DRAIN PANS.

- PAN-TOP SURFACE COATING: CORROSION-RESISTANT COMPOUND.

2.3 FANS

RETAIN ONE OF FIRST TWO PARAGRAPHS BELOW. RETAIN BOTH IF MULTIPLE-TYPE RTUS ARE REQUIRED. IF RETAINING BOTH, INDICATE FAN TYPE IN A SCHEDULE.

A. BELT-DRIVEN SUPPLY-AIR FANS: DOUBLE WIDTH, FORWARD CURVED, WITH PERMANENTLY LUBRICATED, SINGLE-SPEED MOTOR INSTALLED ON AN ADJUSTABLE-FAN BASE RESILIENTLY MOUNTED IN THE CASING. ALUMINUM OR PAINTED-STEEL WHEELS, AND GALVANIZED-OR PAINTED-STEEL FAN SCROLLS.

B. CONDENSER-COIL FAN: PROPELLER, MOUNTED ON SHAFT OF PERMANENTLY LUBRICATED MOTOR.

2.4 COILS

A. SUPPLY-AIR REFRIGERANT COIL:

- ALUMINUM-PLATE FIN AND SEAMLESS INTERNALLY GROOVED COPPER TUBE IN STEEL CASING WITH EQUALIZING-TYPE VERTICAL DISTRIBUTOR.
- COIL SPLIT: INTERLACED.

2.5 REFRIGERANT CIRCUIT COMPONENTS

A. COMPRESSOR: HERMETIC, SCROLL, MOUNTED ON VIBRATION ISOLATORS, WITH INTERNAL OVERCURRENT AND HIGH-TEMPERATURE PROTECTION, INTERNAL PRESSURE RELIEF.

2.6 AIR FILTRATION

A. MINIMUM AIRRESISTANCE ACCORDING TO ASHRAE 52.1, AND A MINIMUM EFFICIENCY REPORTING VALUE (MERV) ACCORDING TO ASHRAE 92.

- PLEATED: MINIMUM 80 PERCENT AIRRESISTANCE, AND MERV 7.

2.7 GAS FURNACE

A. DESCRIPTION: FACTORY ASSEMBLED, PIPED, AND WIRED, COMPLYING WITH ANSI Z21.47 AND NFPA 54.

- GSA APPROVAL: DESIGNED AND CERTIFIED BY AND BEARING LABEL OF GSA.
- BURNERS: STAINLESS STEEL.

 - FUEL: NATURAL GAS.
 - IGNITION: ELECTRONICALLY CONTROLLED ELECTRIC SPARK OR HOT-SURFACE IGNITER WITH FLAME SENSOR.

C. HEAT EXCHANGER AND DRAIN PAN: STAINLESS STEEL.

D. VENTING: GRAVITY VENTED.

E. SAFETY CONTROLS:

- GAS CONTROL VALVE, TWO STAGED.
- GAS TRAN. SINGLE-BODY, REGULATED, REDUNDANT, 24V AC GAS VALVE ASSEMBLY CONTAINING PILOT SOLENOID VALVE, PILOT FILTER, PRESSURE REGULATOR, PILOT SHUTOFF, AND MANUAL SHUTOFF.

2.8 DAMPERS

A. OUTDOOR-AIR DAMPER: LINKED DAMPER BLADES, FOR 0 TO 25 PERCENT OUTDOOR AIR, WITH MANUAL DAMPER FLTER.

2.9 ELECTRICAL POWER CONNECTION

A. PROVIDE FOR SINGLE CONNECTION OF POWER TO UNIT, WITH UNIT-MOUNTED DISCONNECT SWITCH ACCESSIBLE FROM OUTSIDE UNIT AND CONTROL-CIRCUIT TRANSFORMER WITH BUILT-IN OVERCURRENT PROTECTION.

2.10 CONTROLS

CONTROLS IN FIRST PARAGRAPH AND SUBPARAGRAPHS BELOW CONTAIN STANDARD FEATURES AVAILABLE ON MOST RTUS. INCLUDE THOSE REQUIRED FOR PROJECT. VERIFY CONTROL FEATURES WITH MANUFACTURER.

A. BASIC UNIT CONTROLS:

- CONTROL-VOLTAGE TRANSFORMER.
- WALL-MOUNTED THERMOSTAT OR SENSOR WITH THE FOLLOWING FEATURES:
 - HEAT-COOLOFF SWITCH.
 - FAN ON/AUTO SWITCH.
 - FAN-SPED SWITCH.
 - AUTOMATIC CHANGEDOVER.
 - ADJUSTABLE DEADBAND.
 - EXPOSED SET POINT.
 - EXPOSED INDICATION.
 - DEGREE F INDICATION.
 - UNOCCUPIED-PERIOD-OVERRIDE PUSH BUTTON.
- GAS FURNACE OPERATION
 - OCCUPIED PERIODS: STAGE BURNER TO MAINTAIN ROOM TEMPERATURE.
 - UNOCCUPIED PERIODS: CYCLE BURNER TO MAINTAIN SETBACK TEMPERATURE.
 - ECONOMIZER OUTDOOR-AIR DAMPER OPERATION
 - OCCUPIED PERIODS: OPEN TO 10 PERCENT FINED MINIMUM INTAKE, AND MAXIMUM 100 PERCENT OF THE FAN CAPACITY TO COMPLY WITH ASHRAE CYCLE 1. CONTROLLER SHALL PERMIT ARISE/ECONOMIZER OPERATION WHEN OUTDOOR AIR IS LESS THAN 60 DEGS. USE OUTDOOR-AIR ENTHALPY TO ADJUST MIXING DAMPERS. DURING ECONOMIZER CYCLE OPERATION, LOCK OUT COOLING.
 - UNOCCUPIED PERIODS: CLOSE OUTDOOR-AIR DAMPER AND OPEN RETURN-AIR DAMPER.

2.11 ACCESSORIES

A. LOW-AMBIENT KIT USING STAGED CONDENSER FANS FOR OPERATION DOWN TO 35 DEG F.

B. COIL GUARDS OF PAINTED, GALVANIZED-STEEL WIRE.

2.12 ROOF CURBS

A. MATERIALS: GALVANIZED STEEL WITH CORROSION-PROTECTION COATING, WATERTIGHT GASKETS, AND FACTORY-INSTALLED WOOD NAILER, COMPLYING WITH MGA STANDARDS.

B. CURB HEIGHT: 14 INCHES.

PART 3 - EXECUTION

3.1 EXAMINATION

A. EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF RTUS.

B. EXAMINE ROUGH-IN FOR RTUS TO VERIFY ACTUAL LOCATIONS OF PIPING AND DUCT CONNECTIONS BEFORE EQUIPMENT INSTALLATION.

C. EXAMINE ROOFS FOR SUITABLE CONDITIONS WHERE RTUS WILL BE INSTALLED.

D. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2 INSTALLATION

A. ROOF CURB: INSTALL ON ROOF STRUCTURE OR CONCRETE BASE, LEVEL AND SECURE. INSTALL RTUS ON CURBS AND COORDINATE ROOF PENETRATIONS AND FLASHING WITH ROOF CONSTRUCTION. SECURE RTUS TO UPPER CURB RAIL, AND SECURE CURB BASE TO ROOF FRAMING OR CONCRETE BASE WITH ANCHOR BOLTS.

3.3 CONNECTIONS

A. INSTALL CONDENSATE DRAIN, MINIMUM CONNECTION SIZE, WITH TRAP AND INDIRECT CONNECTION TO NEAREST ROOF DRAIN OR AREA DRAIN.

B. INSTALL PIPING ADJACENT TO RTUS TO ALLOW SERVICE AND MAINTENANCE.

RETAIN SUBPARAGRAPH BELOW FOR RTUS WITH GAS-FIRED HEATING.

3.4 FIELD QUALITY CONTROL

RETAIN PARAGRAPH BELOW TO REQUIRE CONTRACTOR TO PERFORM TESTS AND INSPECTIONS.

A. PERFORM TESTS AND INSPECTIONS AND PREPARE TEST REPORTS.

RETAIN FIRST PARAGRAPH AND SUBPARAGRAPHS BELOW TO DESCRIBE TESTS AND INSPECTIONS TO BE PERFORMED.

B. TESTS AND INSPECTIONS:

- AFTER INSTALLING RTUS AND AFTER ELECTRICAL CIRCUITRY HAS BEEN ENERGIZED, TEST UNITS FOR COMPLIANCE WITH REQUIREMENTS.
- INSPECT FOR AND REMOVE SHIPPING BOLTS, BLOCKS, AND TIE-DOWN STRAPS.
- OPERATIONAL TEST: AFTER ELECTRICAL CIRCUITRY HAS BEEN ENERGIZED, START UNITS TO CONFIRM PROPER MOTOR ROTATION AND UNIT OPERATION.
- TEST AND ADJUST CONTROLS AND SAFETIES. REPLACE DAMAGED AND MALFUNCTIONING CONTROLS AND EQUIPMENT.

C. REMOVE AND REPLACE MALFUNCTIONING UNITS AND RETEST AS SPECIFIED ABOVE.

END OF SECTION 237413



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Sheet Title
SPECIFICATIONS - HVAC

Sheet No.
M-003

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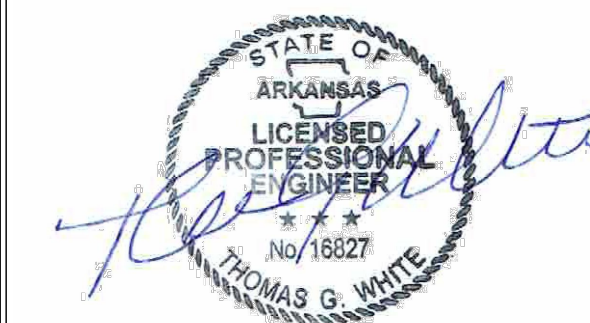


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Revisions	

Date: 13 MARCH 2018
Project No.: 2017259.00
Sheet Title: FLOOR PLAN - HVAC

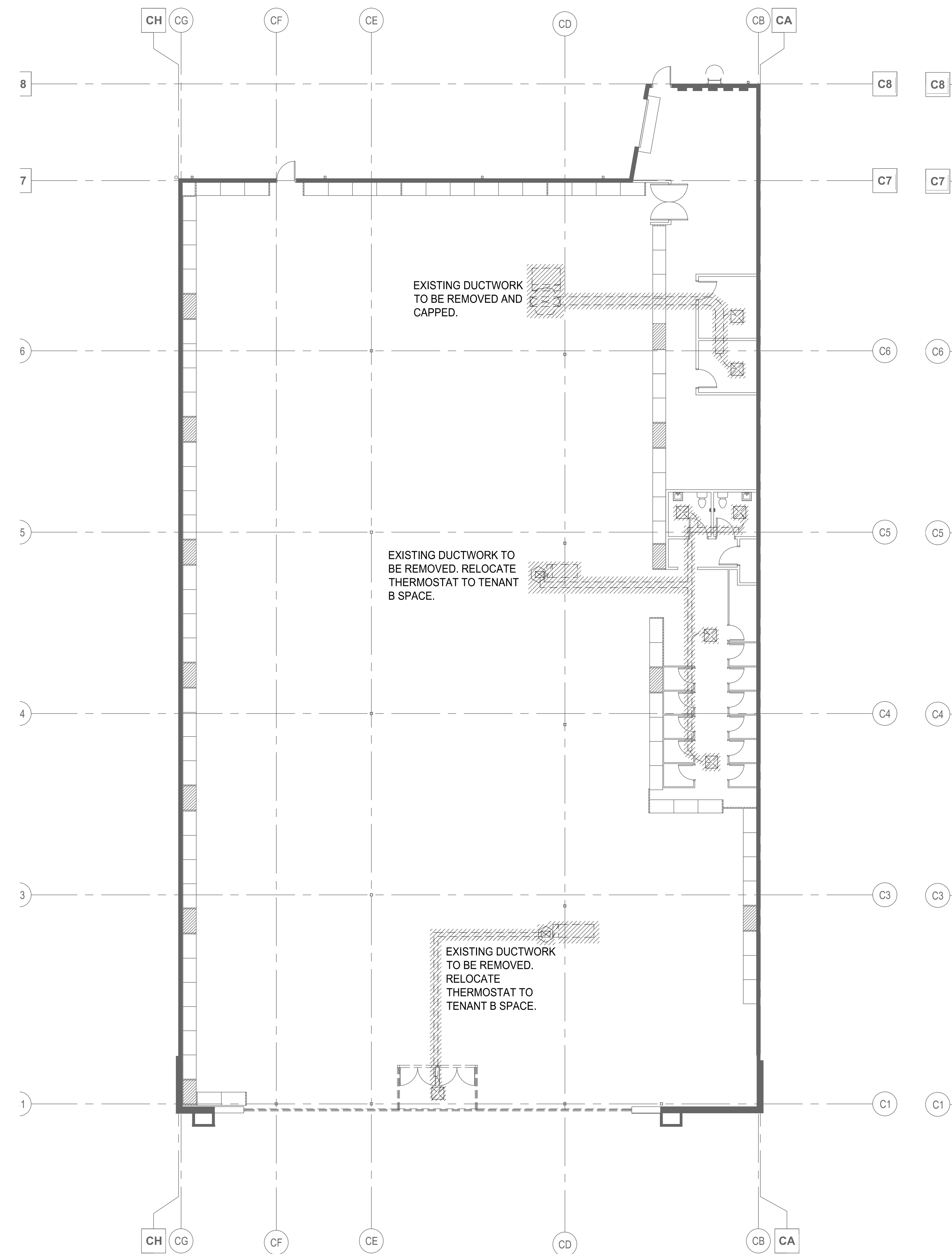
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GENERAL NOTES:

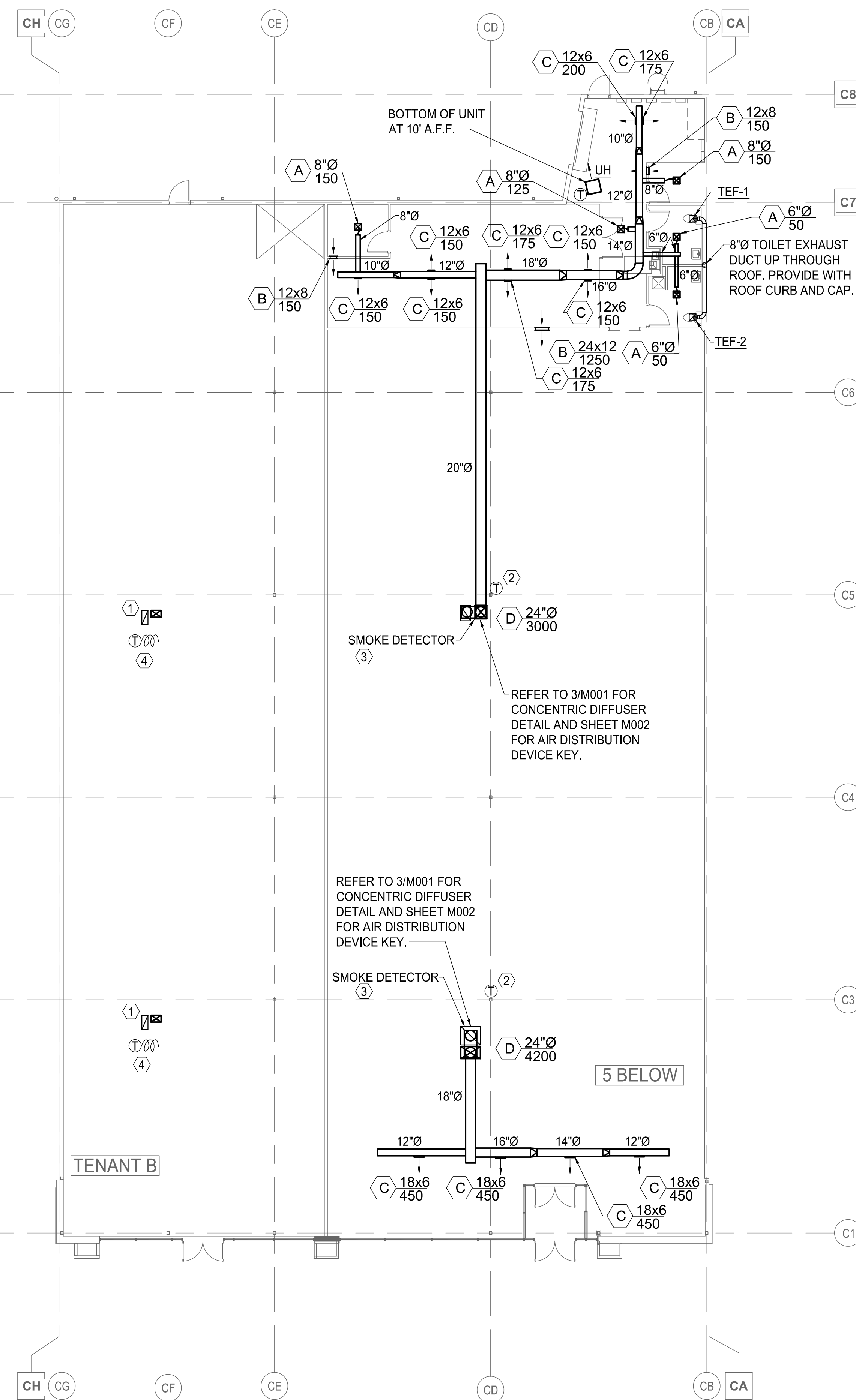
1. CONCENTRIC DIFFUSERS ARE TO BE MINIMUM OF 12" AFF.
2. ALL DUCTWORK TO BE INSTALLED AT A MINIMUM OF 12" AFF.

KEY NOTES:

- ① LINED (1") SUPPLY AND RETURN DROPS FROM RTU ABOVE, FULL SIZE OF UNIT OPENING. EXTEND 24" BELOW ROOF DECK FOR FUTURE TENANT CONNECTION.
- ② COORDINATE WITH TENANT PLANS FOR THERMOSTAT LOCATIONS AND MODEL.
- ③ COORDINATE WITH TENANT PLANS FOR REMOTE TEST STATION LOCATION AND MODEL (FOR DUCT SMOKE DETECTORS).
- ④ RELOCATE THERMOSTATS WITH MINIMUM OF 30 FEET THERMOSTAT CABLE FOR FUTURE TENANT USE.



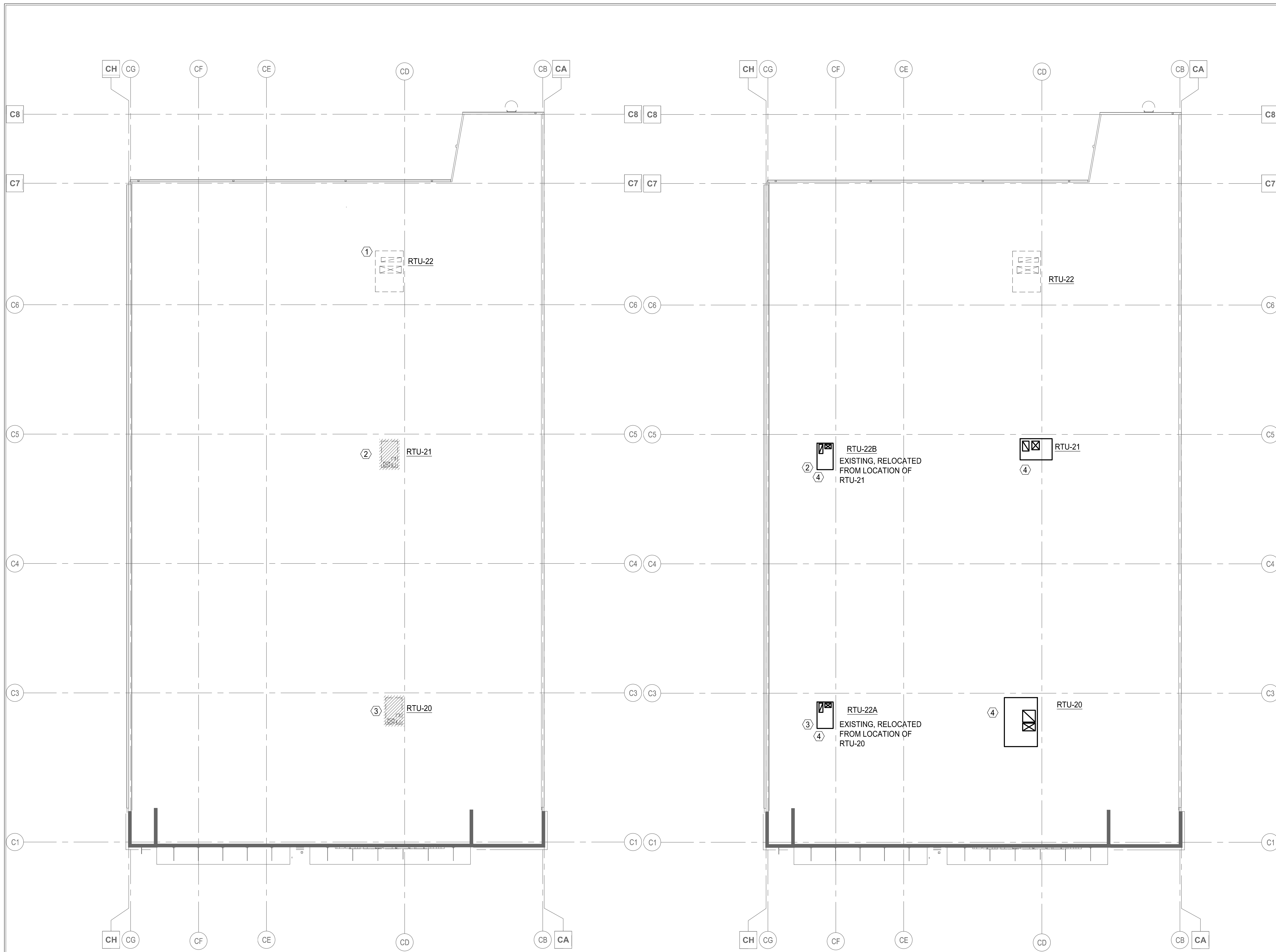
1 FLOOR PLAN - HVAC DEMOLITION
M-101 SCALE: 3/32" = 1' - 0"



2 FLOOR PLAN - HVAC NEW WORK
M-101 SCALE: 3/32" = 1' - 0"



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1 ROOF PLAN - HVAC DEMOLITION
M-102 SCALE: 3/32" = 1' - 0"

2 ROOF PLAN - HVAC NEW WORK
M-102 SCALE: 3/32" = 1' - 0"

GENERAL NOTES:

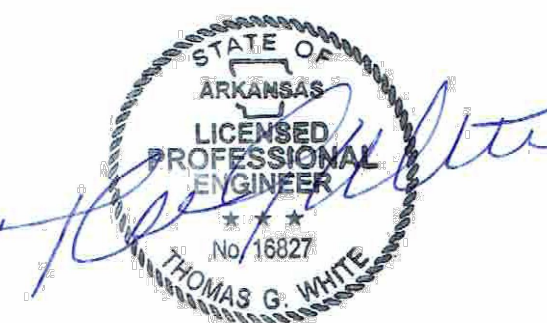
1. RTU-21 ON 1/M102 HAS BEEN RELOCATED AND RENAMED TO RTU-22B ON 2/M102.
2. RTU-22 ON 1/M102 HAS BEEN RELOCATED AND RENAMED TO RTU-22A ON 2/M102

KEY NOTES:

- ① EXISTING ROOFTOP UNIT TO REMAIN, ABANDON IN PLACE.
- ② EXISTING 12.5 TON ROOFTOP UNIT TO BE RELOCATED AND RENAMED. REFER TO 2/M102.
- ③ EXISTING 10 TON ROOFTOP UNIT TO BE RELOCATED AND RENAMED. REFER TO 2/M102.
- ④ COORDINATE WITH STRUCTURAL.



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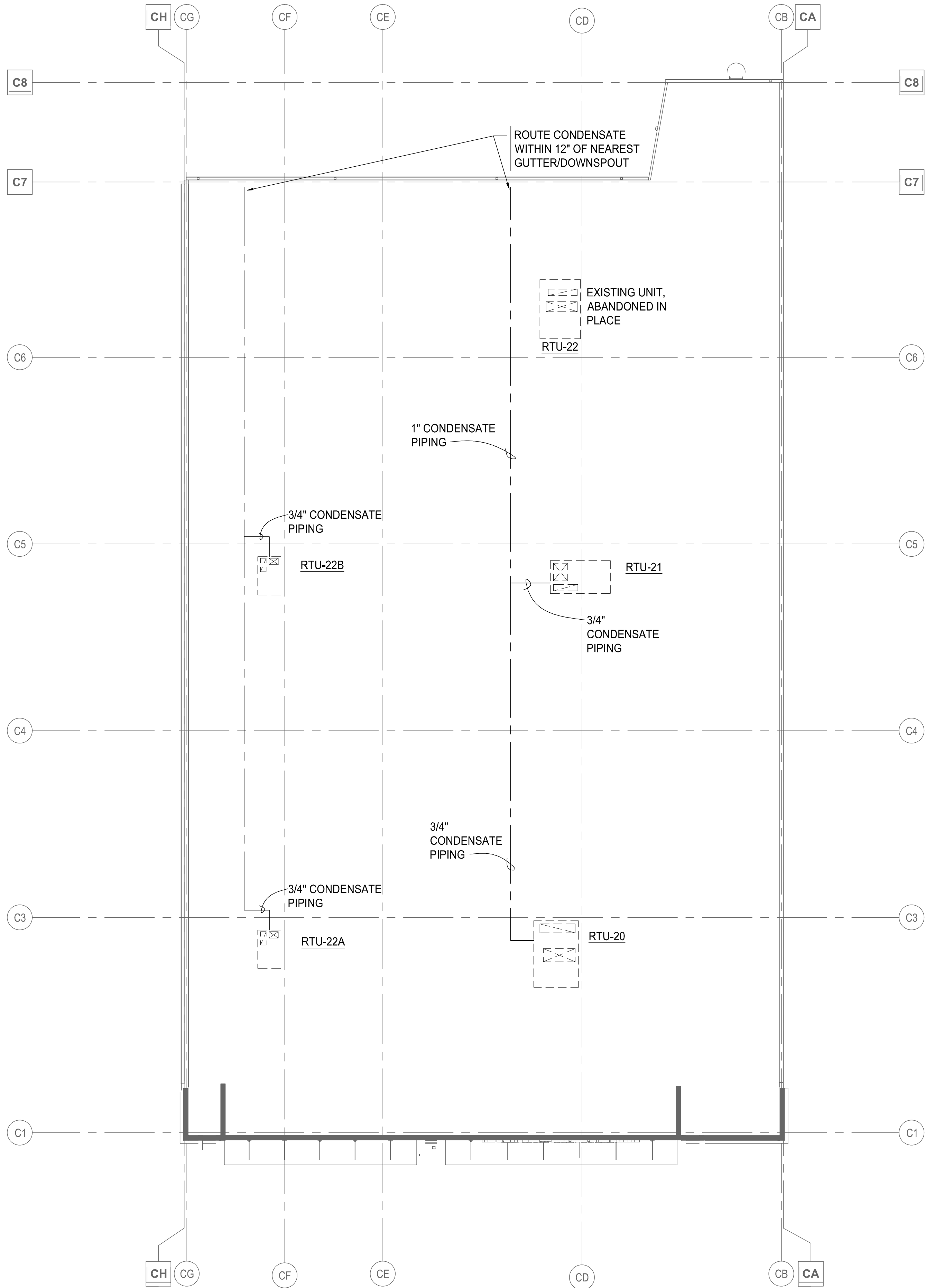
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Date: 13 MARCH 2018
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Sheet Title: ROOF PLAN - HVAC



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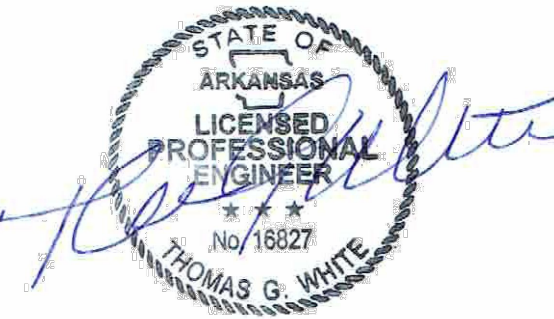
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2 ROOF PLAN - HVAC NEW WORK
 M-102 SCALE: 3/32" = 1' - 0"



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Date 13 MARCH 2018 Project No. 2017259.00

Sheet Title ROOF PLAN - HVAC

Sheet No.

M-103

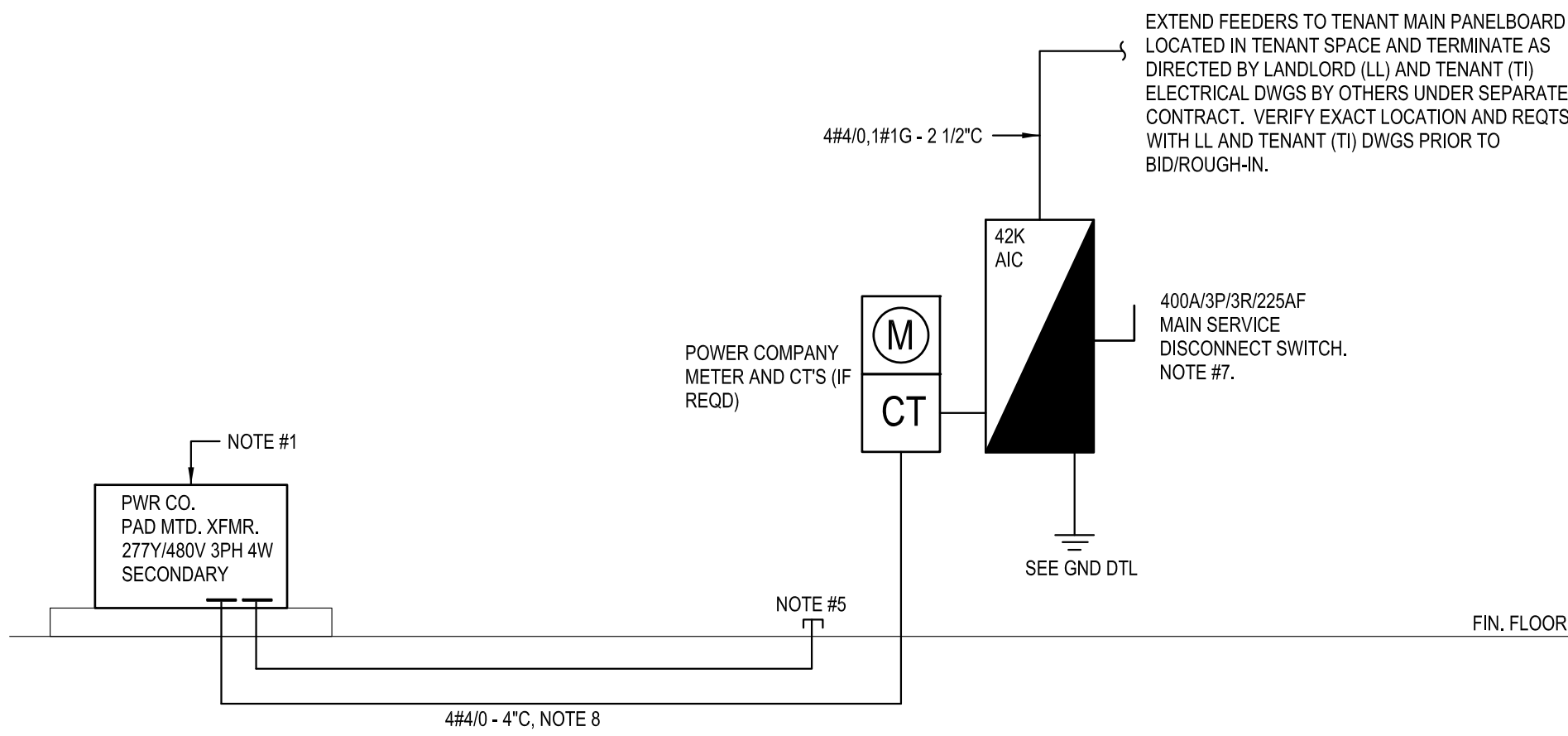
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RISER DIAGRAM NOTES - TENANT "B"

- FIELD VERIFY WITH POWER COMPANY AND CIVIL DRAWINGS THE EXACT LOCATION AND REQUIREMENTS OF THE POWER COMPANY TRANSFORMER PRIOR TO BID/ROUGH-IN.
- VERIFY LOCATION, DIMENSIONS AND CLEARANCES FOR ELECTRICAL SERVICE WITH ARCHITECTURAL AND CIVIL DRAWINGS PRIOR TO BID/ROUGH-IN.
- PROVIDE LIGHTNING ARRESTOR.
- ARRANGE EQUIPMENT SO AS TO MAXIMIZE SPACE FOR FUTURE EQUIPMENT REQUIREMENTS.
- EXTEND (1) 4" EC WITH PULL STRING TO PAD MOUNTED TRANSFORMER AND CAP FOR FUTURE.
- VERIFY EXACT LOCATION AND REQUIREMENTS FOR IRRIGATION SYSTEM (IF REQUIRED) WITH OWNER PRIOR TO BID/ROUGH-IN.
- ALL SERVICE DISCONNECT SWITCHES SHALL BE SERVICE ENTRANCE RATED.
- 277/480VOLT, 3 PHASE, 4 WIRE U.G. SERVICE TO POWER COMPANY PAD MOUNTED TRANSFORMER. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS WITH CIVIL DRAWINGS AND POWER COMPANY PRIOR TO BID/ROUGH-IN.



RISER DIAGRAM - TENANT "B"
N.T.S.

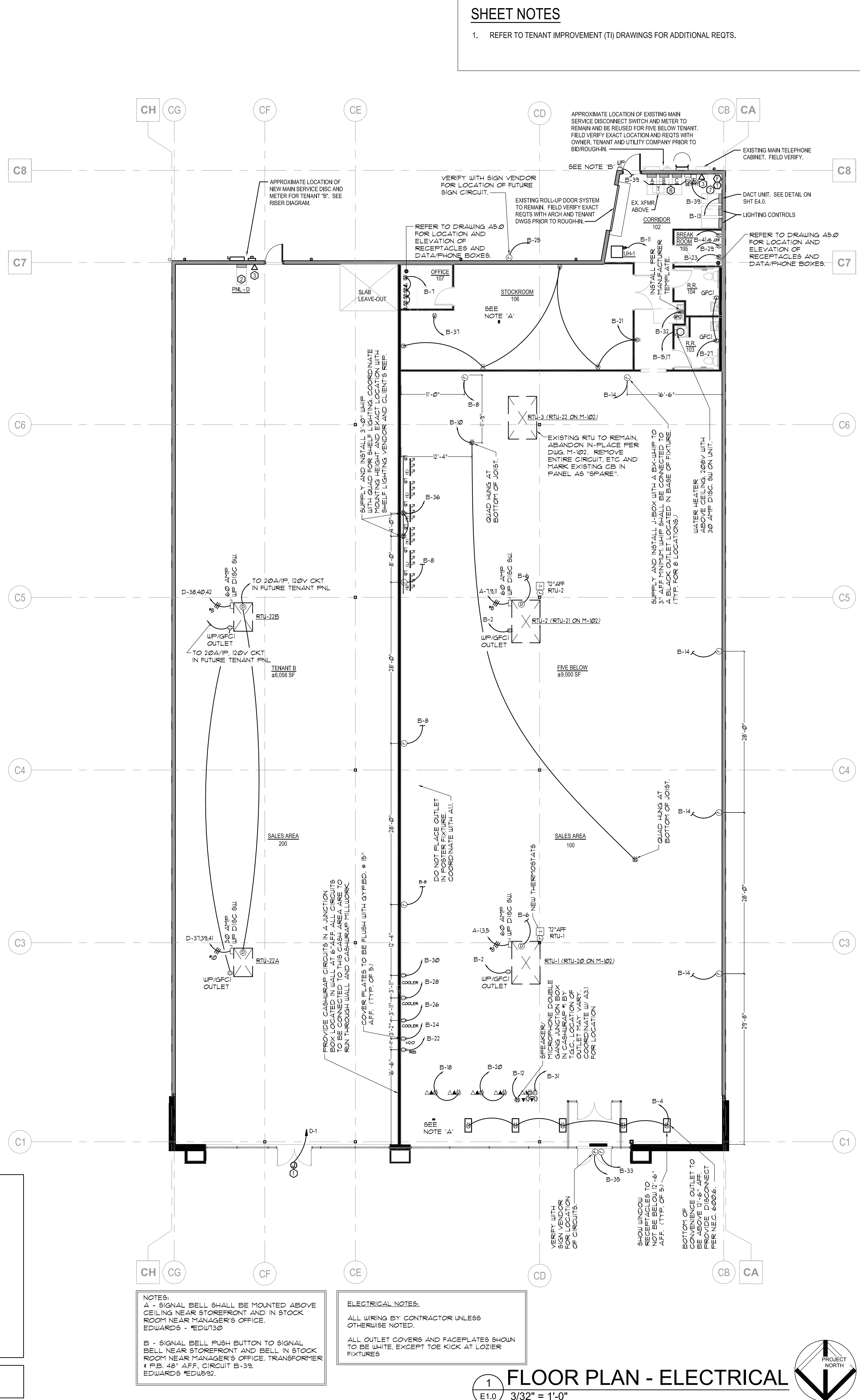
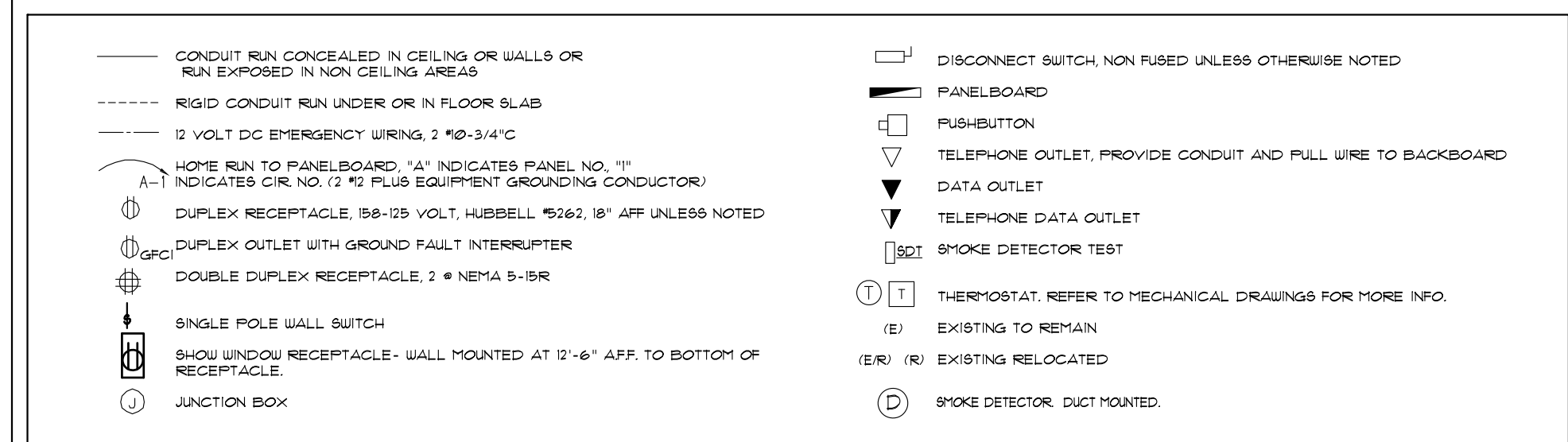
PANELBOARD SCHEDULE "D" (TENANT - B)

CIR #	TRIP	POLE	DESCRIPTION	CONNECTED LOAD KVA			DESCRIPTION	TRIP	CIR #
				PHASE A	PHASE B	PHASE C			
1	20/1	e.c	STORE FRONT SIGN	1.5	.	.	SPARE	20/1	2
3	20/1	e.d	LTS - NORMEM	.	0.5	.	SPARE	20/1	4
5	20/1		SPARE	.	.	.	SPARE	20/1	6
7	20/1		SPARE	.	.	.	SPARE	20/1	8
9	20/1		SPARE	.	.	.	SPARE	20/1	10
11	20/1		SPARE	.	.	.	SPARE	20/1	12
13	20/1		SPARE	.	.	.	SPARE	20/1	14
15	20/1		SPARE	.	.	.	SPARE	20/1	16
17	20/1		SPARE	.	.	.	SPARE	20/1	18
19	20/1		SPARE	.	.	.	SPARE	20/1	20
21	20/1		SPARE	.	.	.	SPARE	20/1	22
23	20/1		SPARE	.	.	.	SPARE	20/1	24
25	20/1		SPARE	.	.	.	SPARE	20/1	26
27	20/1		SPARE	.	.	.	SPARE	20/1	28
29	20/1		SPARE	.	.	.	SPARE	20/1	30
31	20/1		SPARE	.	.	.	SPARE	20/1	32
33	20/1		SPARE	.	.	.	SPARE	20/1	34
35	20/1		SPARE	.	.	.	SPARE	20/1	36
37	30/3	e	RTU - 22A	6.2	7.8	.	RTU - 22B	35/3	38
39				6.2	7.8				40
41						6.2 / 7.8			42
MIN. BREAKER A.I.C.				42,000	15.5	14.5	TOTAL CONNECTED LOAD:	44.0	
							TOTAL DEMAND LOAD:	49.9	

- NOTES:
- CONTROLLED VIA TIME CLOCK, 7-DAY, SKIP-A-DAY, ASTRODIAL (TORK OR EQUAL).
 - ROUTE THRU CONTACTOR FOR TIME CLOCK "ON" / TIME CLOCK "OFF" OPERATION.
 - ROUTE THRU CONTACTOR FOR PHOTOCELL "ON" / TIME CLOCK "OFF" OPERATION.
 - PROVIDE LOCK "ON" DEVICE THIS CIRCUIT.
 - FIELD VERIFY REQTS PRIOR TO BID/ROUGH-IN.

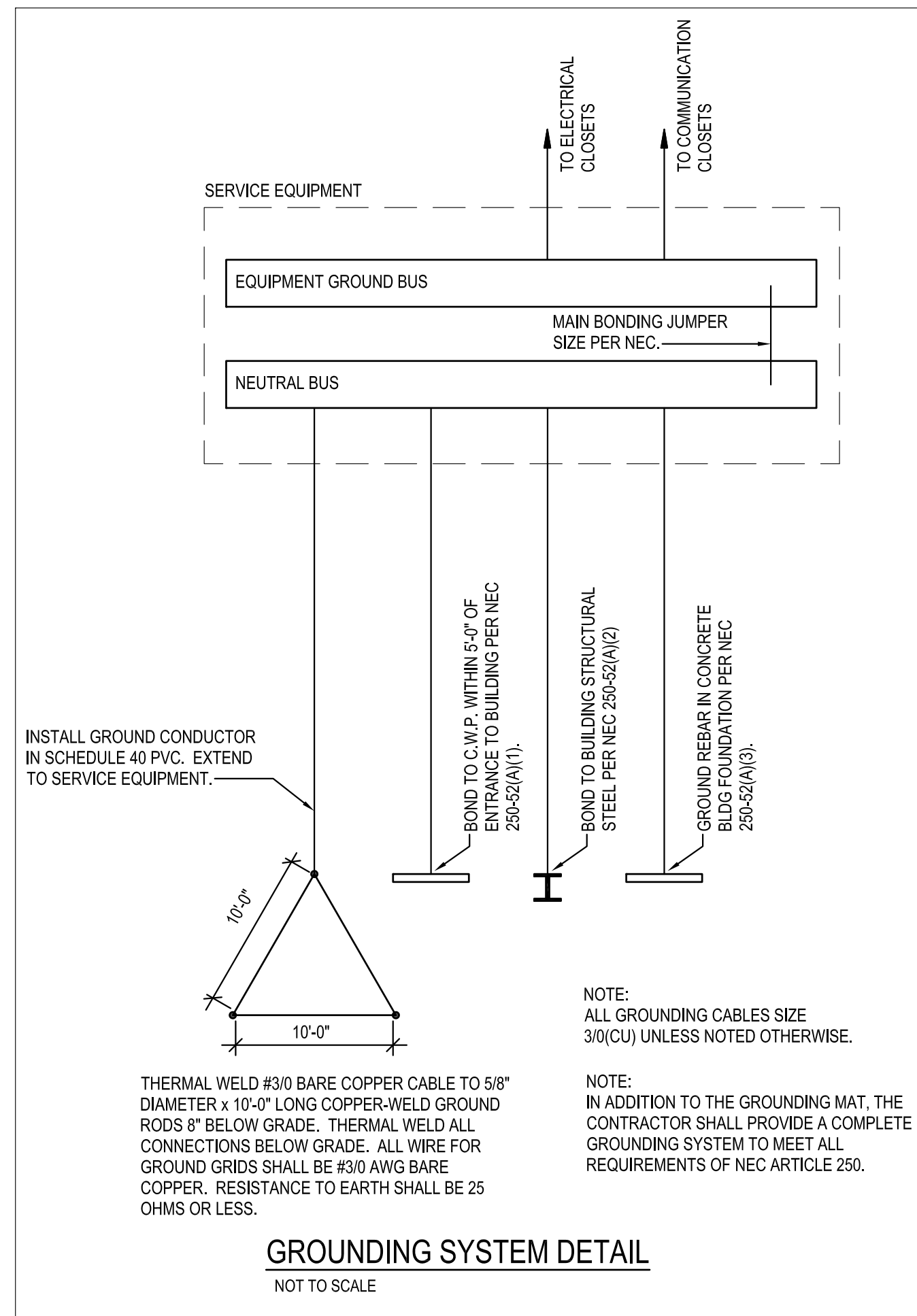
ELECTRICAL KEY NOTES

- JBOX FOR TENANT SIGNAGE. FIELD VERIFY EXACT LOCATION AND REQTS WITH OWNER, TENANT AND ARCH DWGS PRIOR TO ROUGH-IN.
- FIELD VERIFY TENANT PANELBOARD AND TELEPHONE TERMINAL BOARD (TTB) LOCATION AND REQUIREMENTS WITH LANDLORD AND TENANT DRAWINGS PRIOR TO ROUGH-IN.
- STUB AND CAP 1" EC WITH PULL WIRE FROM NEAREST MAIN BUILDING TELEPHONE CABINET. STUB 6" ABOVE TTB IN TENANT SPACE. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS OF TTB WITH OWNER AND TENANT DWGS PRIOR TO ROUGH-IN.
- APPROXIMATE LOCATION OF EXISTING WALL MOUNTED AREA LIGHTING FIXTURE. FIELD VERIFY WITH OWNER AND ARCH DWGS THE EXACT LOCATION AND REQTS. IF FIXTURE IS TO REMAIN, CLEAN, REPAIR, RE-LAMP, RE-BALLAST AND PAINT FIXTURE PER OWNER REQTS. OWNER SHALL DETERMINE WHETHER FIXTURE IS TO REMAIN AND BE RESTORED OR BE REPLACED WITH NEW FIXTURE TO MEET NEW TENANT REQTS. SEE SHEET E2.0.
- APPROXIMATE LOCATION OF EXISTING WALL MOUNTED TENANT PERSONNEL DOOR LIGHTING FIXTURE. FIELD VERIFY WITH OWNER AND ARCH DWGS THE EXACT LOCATION AND REQTS. IF FIXTURE IS TO REMAIN, CLEAN, REPAIR, RE-LAMP, RE-BALLAST AND PAINT FIXTURE PER OWNER REQTS. OWNER SHALL DETERMINE WHETHER FIXTURE IS TO REMAIN AND BE RESTORED OR BE REPLACED WITH NEW FIXTURE TO MEET NEW TENANT REQTS. SEE SHEET E2.0.
- EXISTING TENANT PANELBOARDS TO REMAIN. RECONFIGURE AS SHOWN ON PLANS. CLEAN, REPAIR AND REPLACE AS REOD. REFER TO PANEL SCHEDULES FOR ADDITIONAL REQTS. FIELD VERIFY EXACT LOCATION AND REQTS WITH OWNER, TENANT AND ARCH DRAWING PRIOR TO BID/ROUGH-IN.
- EXISTING FIRE SPRINKLER RISER. FIELD VERIFY WITH OWNER AND FIRE PROTECTION DWGS THE EXACT LOCATION AND REQTS. SEE SPRINKLER RISER DETAIL ON SHEET E4.0 FOR ADDITIONAL REQTS.

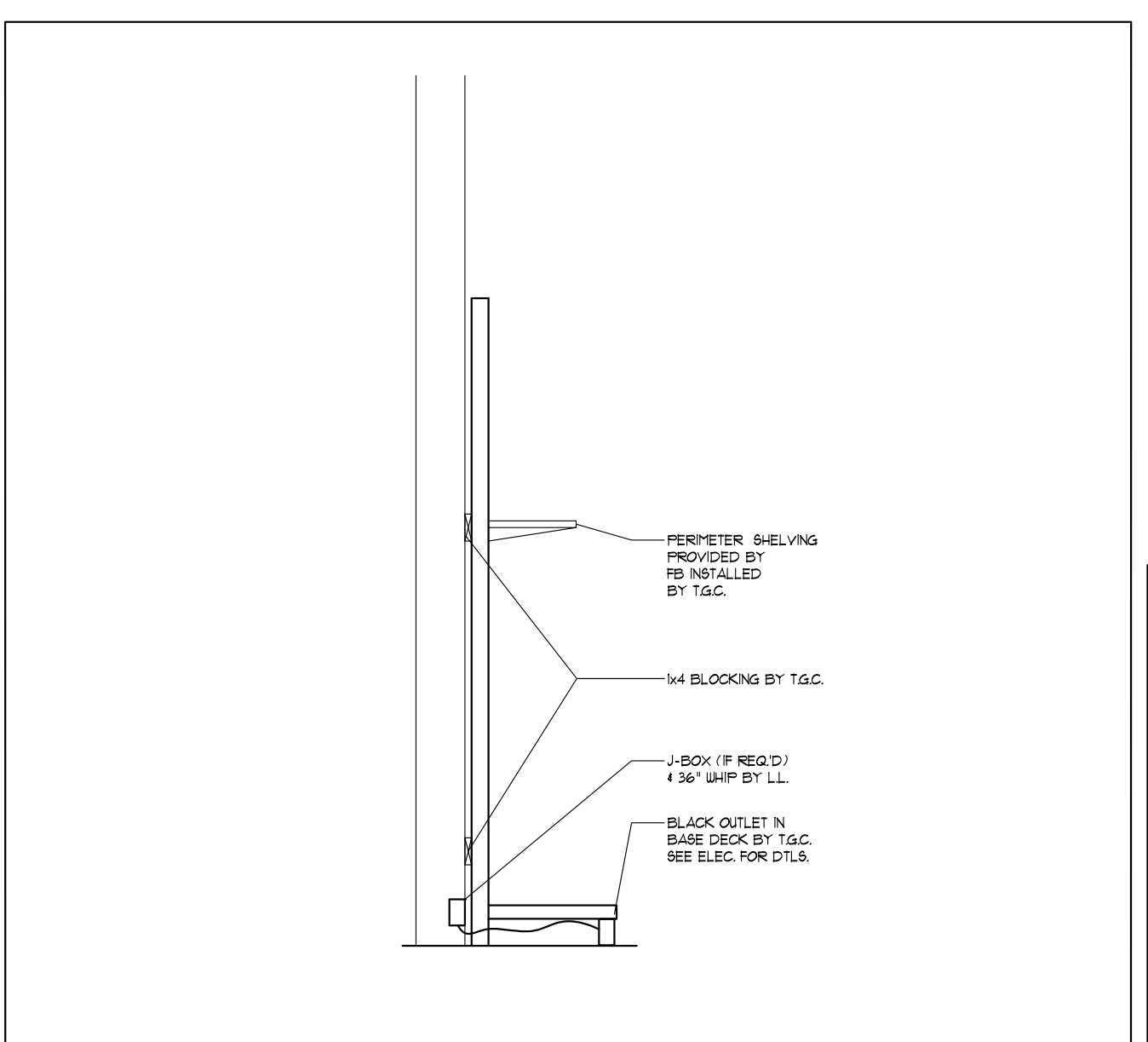


SHEET NOTES

- REFER TO TENANT IMPROVEMENT (TI) DRAWINGS FOR ADDITIONAL REQTS.



GROUNDING SYSTEM DETAIL
NOT TO SCALE

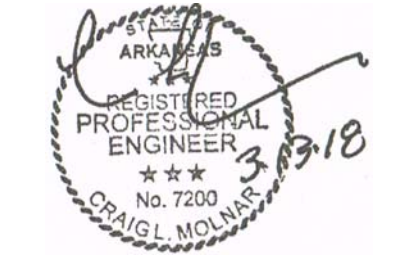


A ELECTRICAL LEGEND

B SEC. @ PERIMETER SHELVING



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A DEVELOPMENT BY:

7401 ALCOA RD
BRYANT, AR 72022

Print Record

13 MARCH 2018	PERMIT SET
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Revisions

Date: 13 MARCH 2018
Project No.: 2017259.00
Sheet Title: POWER PLAN

Sheet No. **E1.0**
Released for Construction
Not Released for Construction

FLOOR PLAN - ELECTRICAL
1/32" = 1'-0"

TYPE	SYMBOL	MANUFACT./CAT. #	DESCRIPTION	MOUNTING TYPE	LAMP(S)	VOLTS	WATTS	REMARKS
A		DAY-BRITE LIGHTING T-2-32-UNV	4" 2-LAMP STRIP SINGLE END WIRED	CEILING MOUNTED	LED T8	277V	34	
A1		DAY-BRITE LIGHTING TK-5-3-32-UNV/ (2) IK-BF	8" INDUSTRIAL WITH CROSS Baffle	CABLE MOUNTED	LED T8	277V	102	A1/NL 51M- SEE ELEC. PLANS FOR WIRING
A11		DAY-BRITE LIGHTING TK-5-3-32-UNV/ (1) IK-BF	4" INDUSTRIAL WITH CROSS Baffle	CABLE MOUNTED	LED T8	277V	51	A1/NL 51M- SEE ELEC. PLANS FOR WIRING
A2		DAY-BRITE LIGHTING TT-2-32-UNV	8" 2-LAMP STRIP SINGLE END WIRED	CABLE MOUNTED	LED T8	277V	68	A2/NL 51M- SEE ELEC. PLANS FOR WIRING
A3		DAY-BRITE LIGHTING TT-2-32-UNV	8" 2-LAMP STRIP SINGLE END WIRED	CEILING MOUNTED	LED T8	277V	68	A2/NL 51M- SEE ELEC. PLANS FOR WIRING
B		SENCO SOLUTION 9-0650-1000-02-00	DUMMY DOME DROP CAMERA	PENDANT MOUNTED	-	-	-	PROVIDED BY FB 4 INSTALLED BY T.G.C. TO PROVIDE 4 INSTALL BATTERIES
E			SPEAKER	-	-	-	-	PROVIDED 4 INSTALLED BY FB.
F		EXITRONIX AFX1R	UNIVERSAL EXIT LED RED	SURFACE MOUNTED	LED	277V	2	
FL		LOZIER QUICK CONNECT LIGHTS LKQC-3-LED4000	3' OR 4' UNDER SHELF LIGHTING REFER TO PLAN	MAGNET MOUNTED	LED	24	3/FT	PROVIDED BY FB 4 INSTALLED BY T.G.C.
G		SURE-LITE APEL	DUAL HEAD EMERGENCY W/ BATTERY PACK	CEILING MOUNTED (HUNG) SEE DETAIL	LED	277V	78	SEE DTL. 4/A2.0 FOR MOUNTING
I		CON-TECH LIGHTING RL30- CTR3002-CLR	6" INCANDESCENT DOWNLIGHT SPECULATOR 4 TRIM CLEAR	RECESSED FIXTURE	11W PAR 38 LED	120	25	
J		EXITRONIX LL12-54-0-W/ T1212W	DUAL HEAD REMOTE W/ BATTERY	SURFACE MOUNTED	-	12	12	
L		COOPER XTOR2B-W	EXTERIOR WALL PACK	SURFACE MOUNTED	LED	277V	18	
LB		MDI WORLDWIDE X-61964BRK-5LM70	4' FIXTURE LIGHTING IN STYLE SECTION	CLIP MOUNTED	LED	120	--	PROVIDED BY FB. 4 INSTALLED BY T.G.C.
LT-4		HOUSING: JUNO T40H LAMP: PHILLIPS TPAR38X540940/RS34U	4' TRACK	THREADED ROD PAINTED P-1	LED	120	11	B.O. TRACK LIGHTS @ 12"-4" AFF. U.O.N.
LT-8		HOUSING: JUNO T80H LAMP: PHILLIPS TPAR38X540940/RS34U	8' TRACK	THREADED ROD PAINTED P-1	LED	120	11	B.O. TRACK LIGHTS @ 12"-4" AFF. U.O.N.
M		SEELIP UF29-Q-46L-QT-50K	EXTERIOR SCENCE	SURFACE MOUNTED	LED	277V	46	
N		COOPER FR85-30-D-0-M/W/ FR82M34-MD-M/W	UNDER CANOPY LIGHT	SURFACE MOUNTED	LED	277V	28.5	
			OCCUPANCY SENSOR	CEILING, WALL				

NOTE: LIGHT FIXTURES WILL BE PROCURED THROUGH A NATIONAL LIGHTING PROGRAM WITH VILLA LIGHTING. VILLA-LIGHTING CORPORATE HAS NEGOTIATED DISCOUNTED, BULK PRICING FOR BENEFIT OF 1931 LANDLORD BUILT PROJECTS NATIONWIDE. PRODUCT WILL BE STOCKED AT VILLA LIGHTING'S DISTRIBUTION CENTER IN ST. LOUIS, MO, AND CAN SHIP WITHIN 48 HOURS OF RELEASE. PLEASE ALLOW A MAXIMUM OF 4-5 DAYS OF TRAVEL AFTER RELEASE. CONTACT DEREK VICKROY AT (314) 633-0964 OR DEREK.VICKROY@VILLALIGHTING.COM

VERIFY EXACT LOCATION, MOUNTING AND FINISH REQUIREMENTS OF ALL LIGHTING FIXTURES WITH ARCH AND TENANT IMPROVEMENT DWGS PRIOR TO BID/ROUGH-IN. VERIFY LIGHTING FIXTURE SPECIFICATIONS WITH OWNER AND TENANT PRIOR TO ORDERING FIXTURES AND ACCESSORIES.

2 LIGHTING FIXTURE SCHEDULE

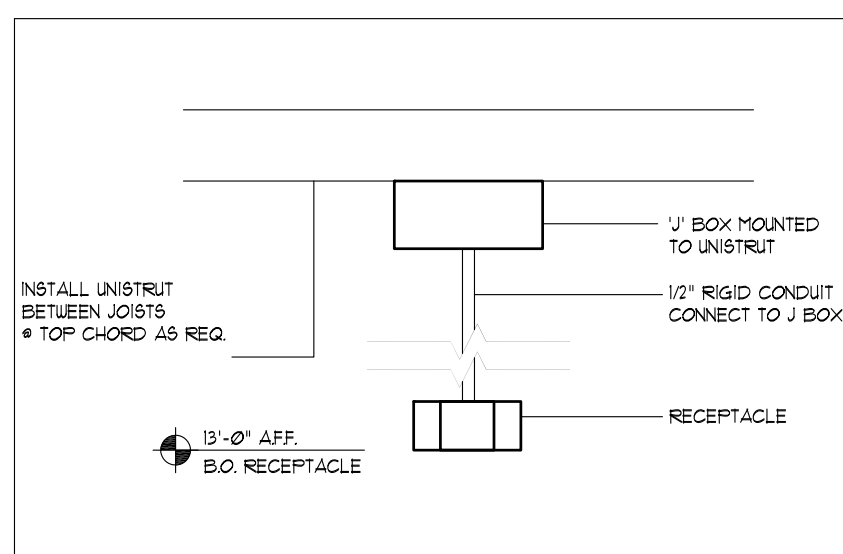
TAG	CON-TECH CURRENT LIMITING DEVICES	60W	0.5A
TC-0.5	TOLCB-0.5A	60W	0.5A
TC-1	TOLCB-1A	120W	1A
TC-2	TOLCB-2A	240W	2A
TC-3	TOLCB-3A	360W	3A
TC-4	TOLCB-4A	480W	4A
TC-5	TOLCB-5A	600W	5A
TC-6	TOLCB-6A	720W	6A
TC-7	TOLCB-7A	840W	7A
TC-8	TOLCB-8A	960W	8A
TC-9	TOLCB-9A	1,080W	9A
TC-10	TOLCB-10A	1,200W	10A
TC-12	TOLCB-12A	1,440W	12A
TC-14	TOLCB-14A	1,680W	14A

CONTRACTOR TO FURNISH AND INSTALL CURRENT LIMITERS TO LIMIT THE WATTAGE AVAILABLE FOR THE TRACK. CONTRACTOR TO UTILIZE JUNO TOLCM11 WH (TITLE 24 COMPLIANT-CALIFORNIA) CURRENT LIMITING DEVICE OR EQUIVALENT.

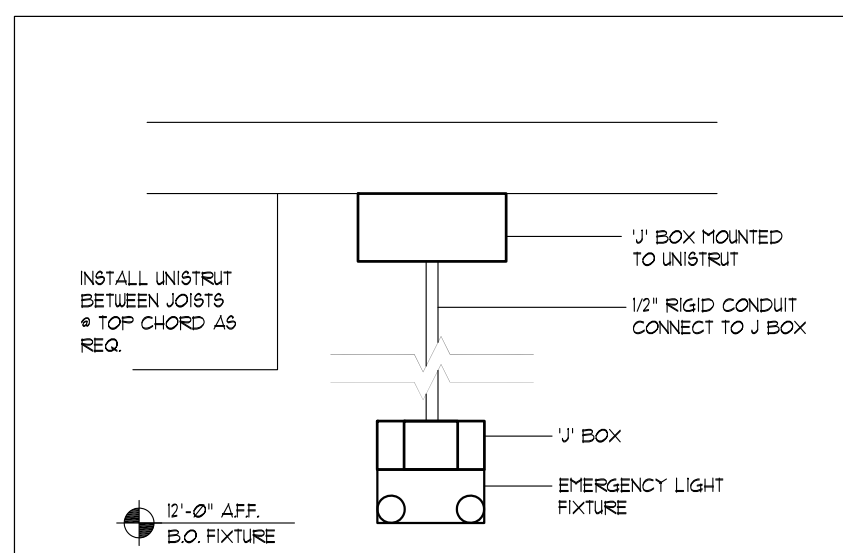
NOTE: ALL UNIT EQUIPMENT (EMERGENCY LIGHTING) SHALL BE WIRED AHEAD OF SWITCH OR CONTROL OF NORMAL LIGHTING CIRCUIT SERVING THAT AREA. THE BRANCH CIRCUIT FEEDING THE UNIT EQUIPMENT SHALL BE THE SAME BRANCH CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES. THE BRANCH CIRCUIT THAT FEEDS UNIT EQUIPMENT SHALL BE CLEARLY IDENTIFIED AT THE DISTRIBUTION PANEL. IN A SEPARATE AND UNINTERRUPTED AREA SUPPLIED BY A MINIMUM OF THREE NORMAL LIGHTING CIRCUITS. A SEPARATE BRANCH CIRCUIT FOR UNIT EQUIPMENT SHALL BE FROM THE SAME PANELBOARD AS THAT OF THE NORMAL LIGHTING CIRCUITS AND PROVIDED WITH A LOCK-ON FEATURE.

NOTE: REFER TO ARCH A2.0 FOR DIMENSIONS OF LIGHTING

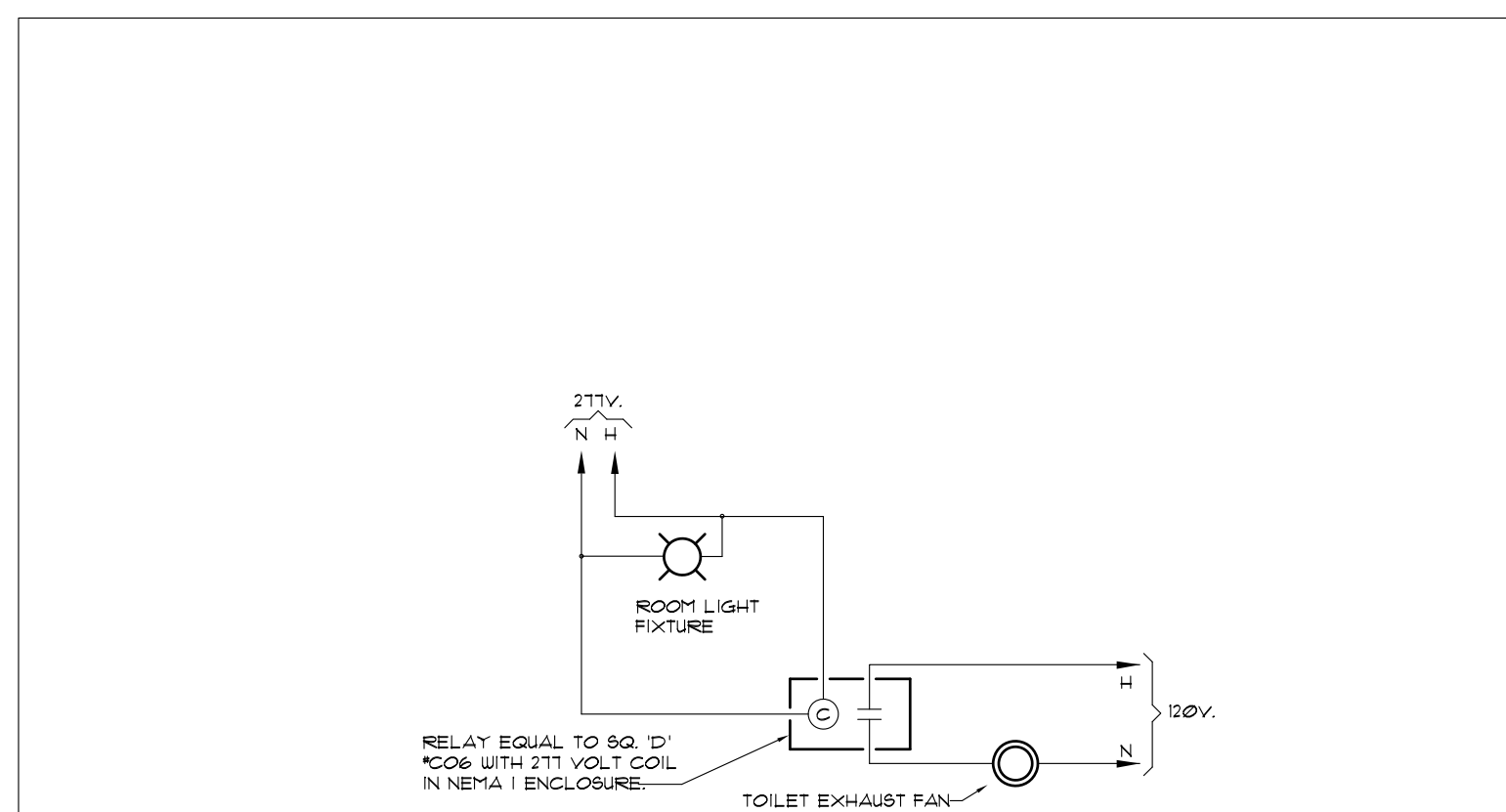
ALL TRACK LIGHTING TO BE MOUNTED PER SHEET A2.0



3 RECEPTACLE DTL.



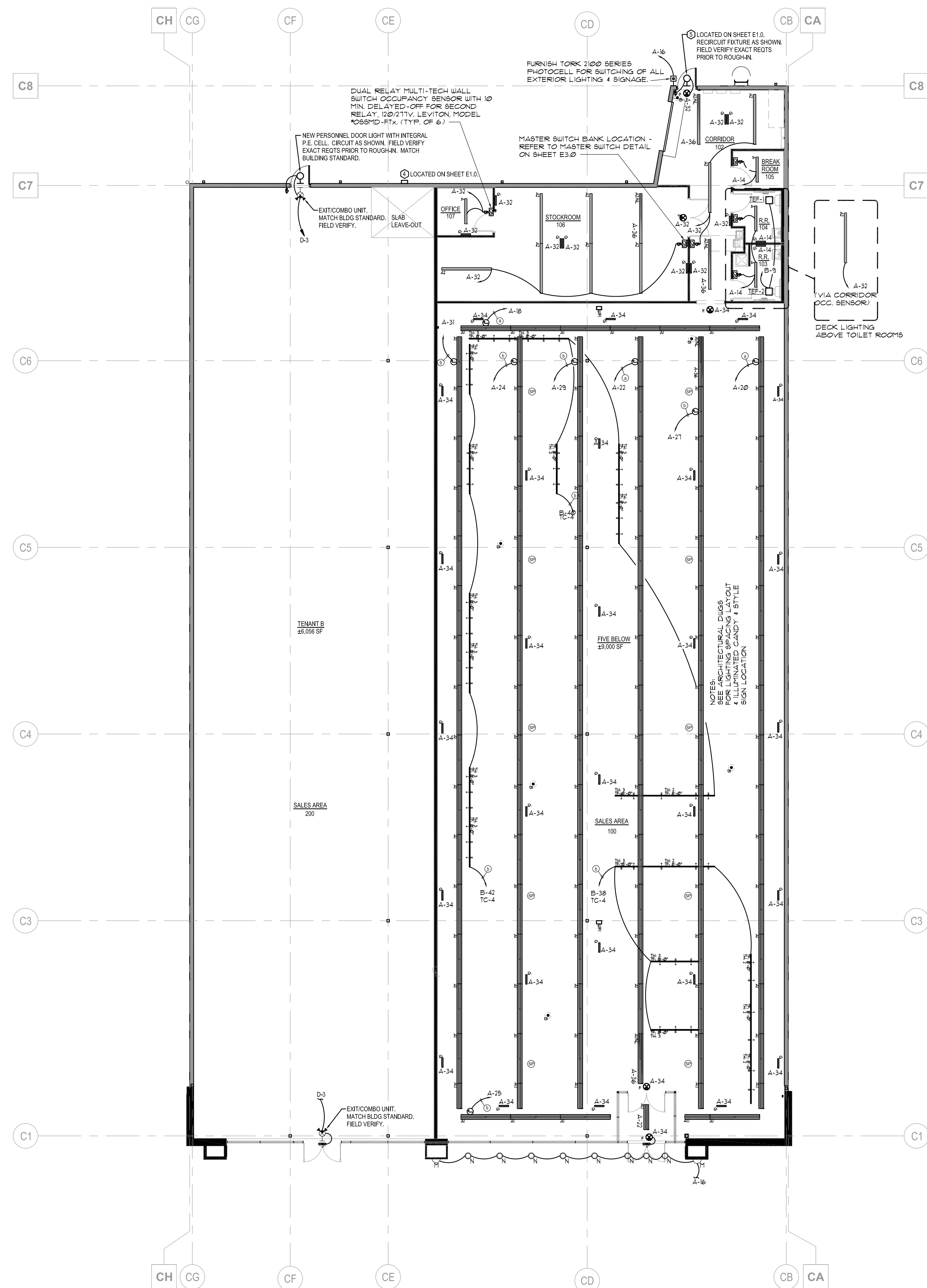
4 EMERGENCY LIGHT DTL.



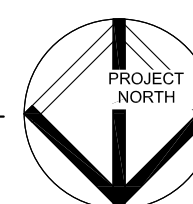
5 TOILET LIGHT (277V) / EXHAUST FAN (120V) CONTROL DIAGRAM

SHEET NOTES

- REFER TO TENANT IMPROVEMENT (TI) DRAWINGS FOR ADDITIONAL REOTS.



1 FLOOR PLAN - LIGHTING
E2.0 3/32" = 1'-0"



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Revisions

No.	Description

Date Project No.

13 MARCH 2018 2017259.00

Sheet Title

LIGHTING PLAN

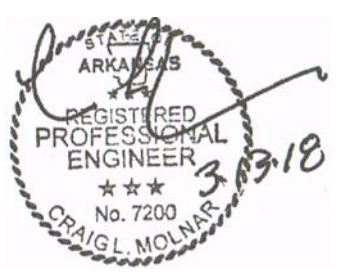
Sheet No.

E2.0

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A DEVELOPMENT BY: Hall Equities Group Real Estate Investment - Development - Management

7401 ALCOA RD BRYANT, AR 72022

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Revisions table with columns for revision number, description, and date.

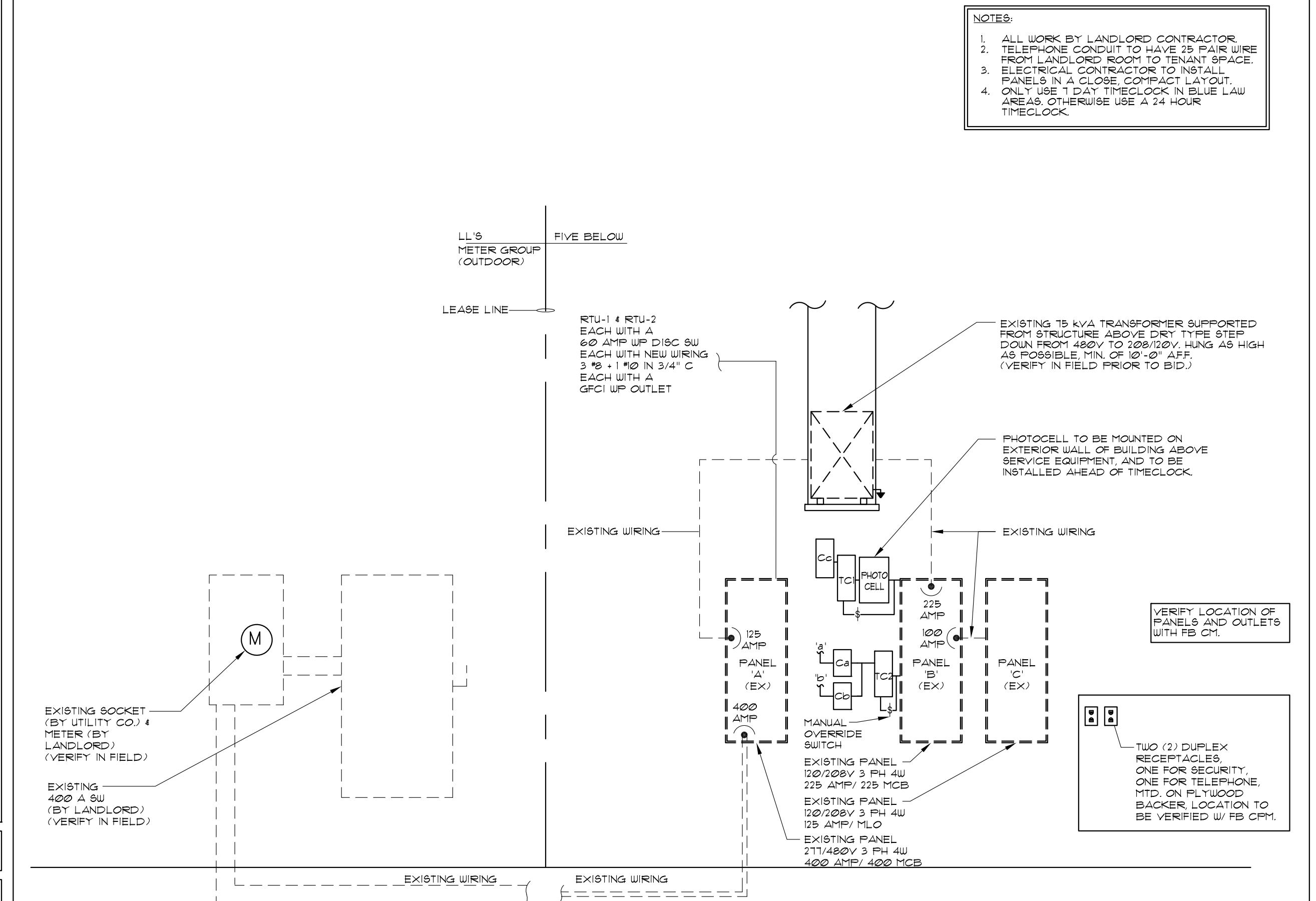
Date 13 March 2018 Project No. 2017259.00

Sheet Title ELECTRICAL PANEL SCHEDULE, RISER & NOTES

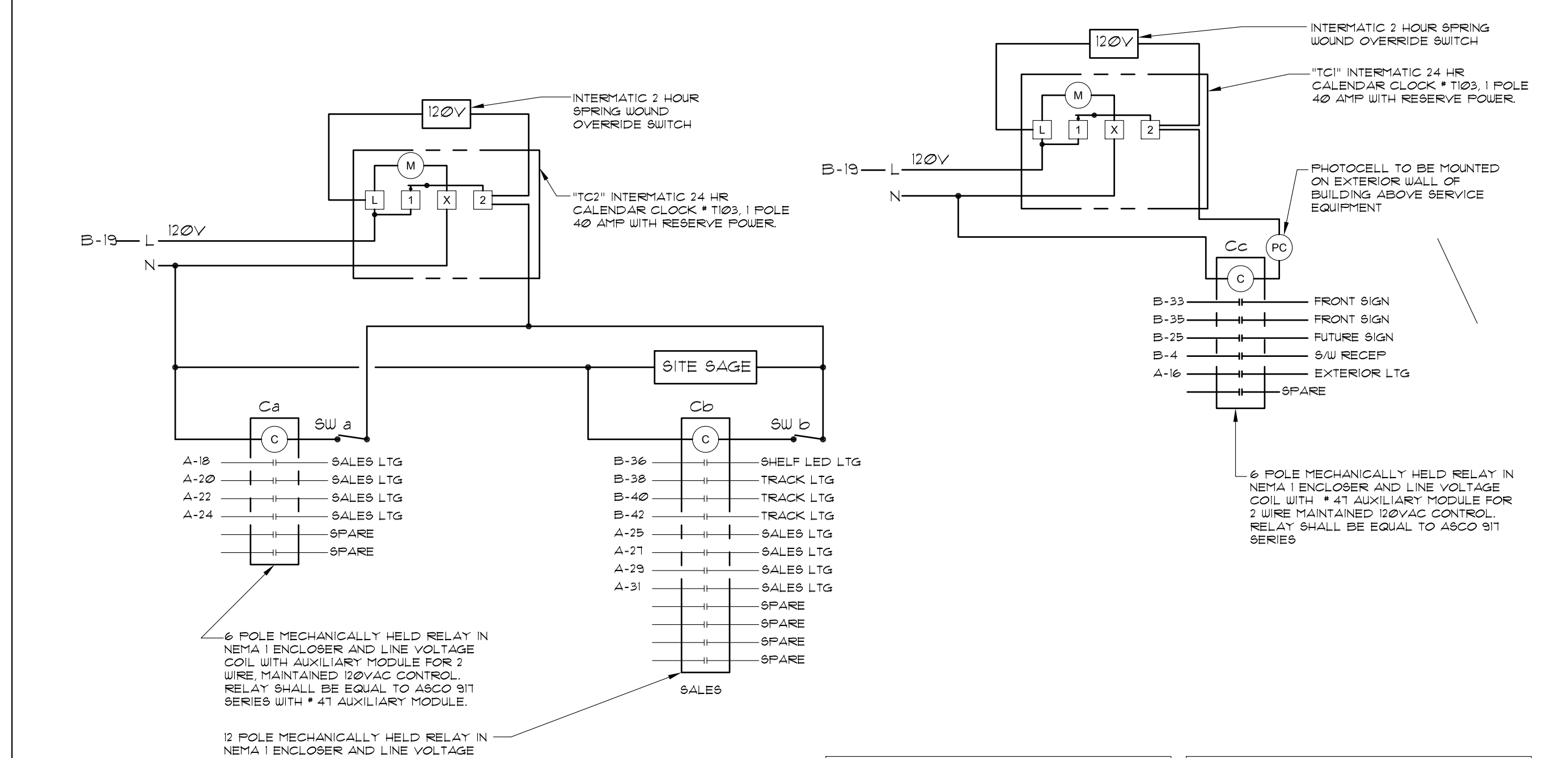
Sheet No. E3.0

Released for Construction Not Released for Construction

- NOTES: 1. ALL WORK BY LANDLORD CONTRACTOR. 2. TELEPHONE CONDUIT TO HAVE 25 PAIR WIRE FROM LANDLORD ROOM TO TENANT SPACE. 3. ELECTRICAL CONTRACTOR TO INSTALL PANELS IN A CLOSE COMPACT LAYOUT. ONLY USE 1/2" TIMELOCK IN BLUE LANE AREAS. OTHERWISE USE A 24 HOUR TIMELOCK.



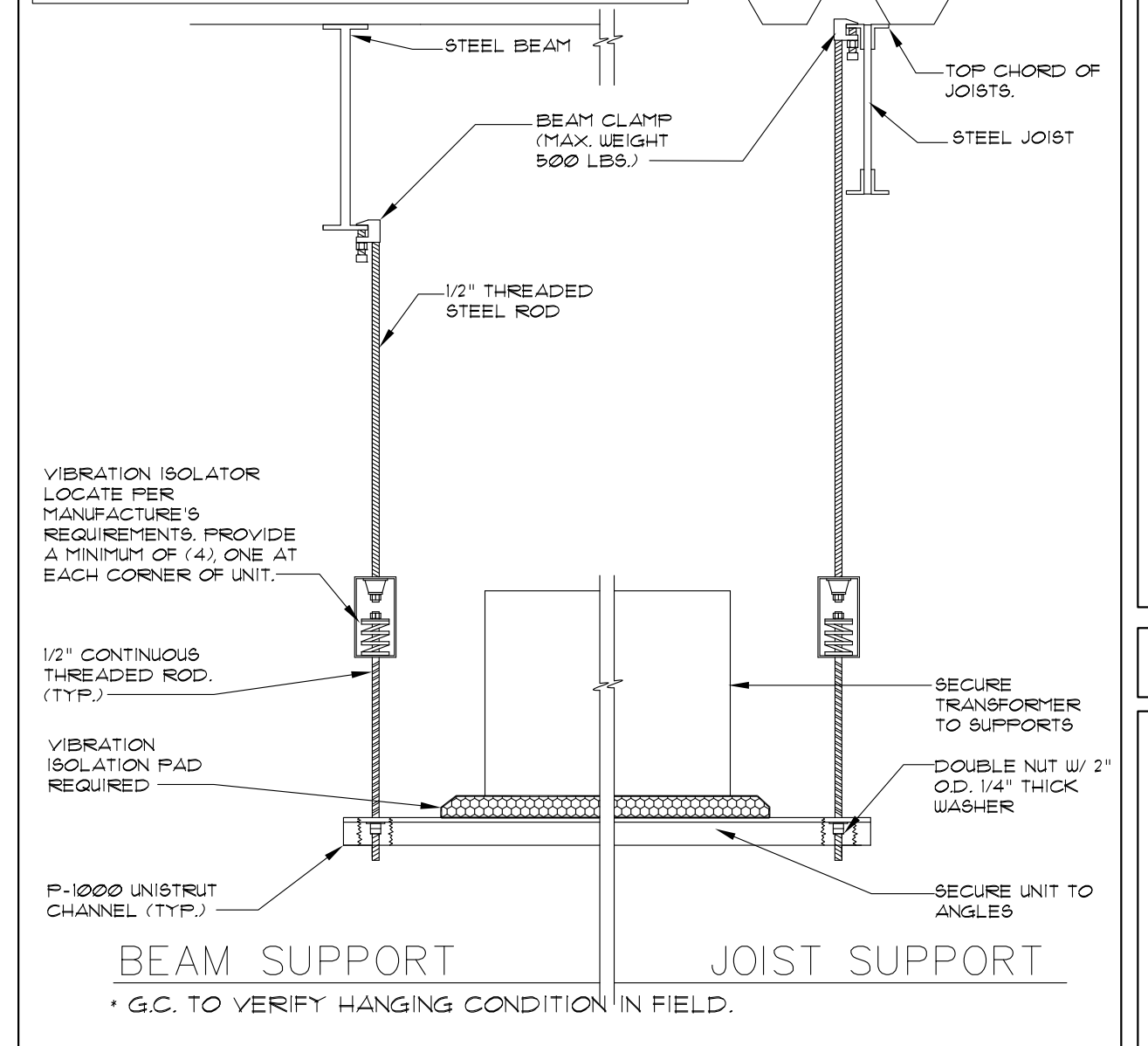
1 RISER DIAGRAM NTS



- TIMELOCK TGI NOTES: 1. LIGHTING SHALL BE 'ON' AT 11:00AM AND 'OFF' AT 12:00AM (MIDNIGHT). 2. BEFORE OR AFTER SET 'ON' TIME LIGHTING TO BE CONTROLLED BY MANUAL OVERRIDE SWITCH.
- TIMELOCK TGT NOTES: 1. LIGHTING SHALL BE 'ON' DAILY FROM 8:00AM TO 11:00PM. 2. BEFORE OR AFTER SET 'ON' TIME LIGHTING TO BE CONTROLLED BY MANUAL OVERRIDE SWITCH.

3 CONTACTOR TIME CLOCK DETAILS NTS

- NOTES: 1. CONSULT WITH LANDLORD'S STRUCTURAL ENGINEER FOR LOCATION AND HANGING REQUIREMENTS FOR EQUIPMENT 3000 LBS. OR MORE. 2. SIZE OF STRUCTURAL SUPPORTS (ROD ANGLES, ETC.) ARE MIN. AND SHALL BE SIZED BY TENANT OR TENANT'S CONTRACTOR AS REQUIRED FOR PROPER SUPPORT AND STRUCTURAL INTEGRITY. 3. DO NOT DRILL HOLES IN EXISTING STRUCTURAL MEMBERS UNLESS APPROVED BY LANDLORD IN WRITING. 4. ATTACHMENT TO TOP CHORD OF TRUSS IS REQUIRED.



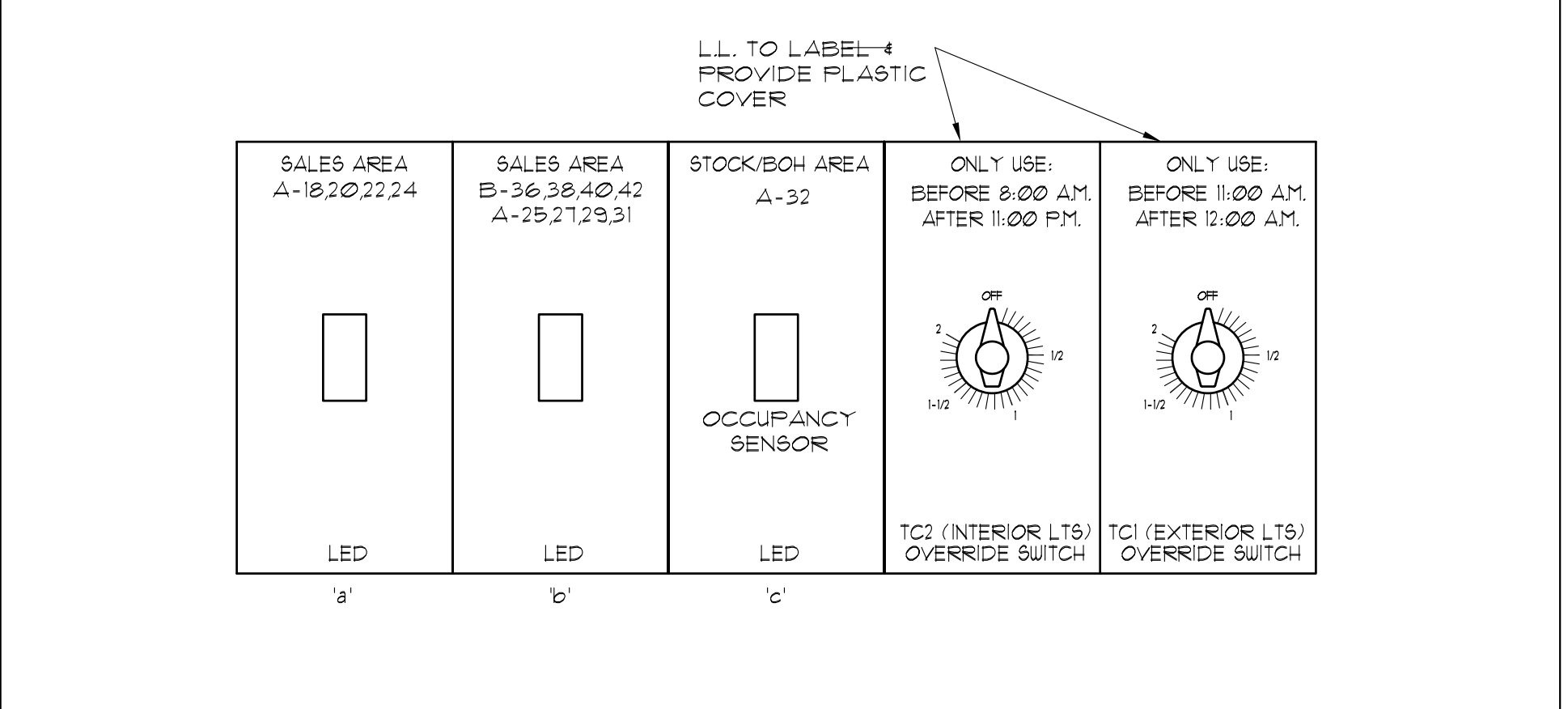
6 HANGING TRANSFORMER DETAIL

ELECTRICAL LOAD SUMMARY table with columns for load description, connected load, demand factor, demand load, and demand load (amps).

2 ELECTRICAL PANEL SCHEDULE AND LOAD SUMMARY NTS

- 1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT FOR THE COMPLETE INSTALLATION. 2. ALL SWITCHES ARE TO BE # 46" AFF. AND ARE TO BE 20A 120/217V T1 RATED, SPEC. GRADE TYPE. 3. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE BUILDING CODES AND ANY OTHER LOCAL, CODES AND ORDINANCES. 4. WORKMANSHIP SHALL BE FIRST QUALITY AND IN ACCORDANCE WITH BEST PRACTICES FOR THE TRADE BY SKILLED WORKERS. 5. LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE ACTUAL LOCATIONS WITH OTHER TRADES AND THE OWNER OF THE OWNERS AUTHORIZED REPRESENTATIVE. 6. UNLESS OTHERWISE NOTED, CONDUCTOR INSULATION SHALL BE TYPE THHN, RATED 600V AC AND 75 DEG. C. CONDUCTORS FOR USE IN POWER AND LIGHTING CIRCUITS NO. 10 AND SMALLER SHALL BE SOLID NO. 8 AND LARGER CONDUCTORS SHALL BE STRANDED. CONDUCTORS FOR USE IN CONTROL AND SIGNAL CIRCUITS SHALL BE NO. 14 STRANDED. ALL CONDUCTORS SHALL BE COPPER. 7. CONDUIT RUNS SHALL BE INSTALLED PER STATE AND LOCAL CODES. 8. ALL MATERIALS SHALL BE NEW WITH UL APPROVED LABELS. 9. ALL ELECTRICAL EQUIPMENT AND SYSTEMS SHALL BE TESTED AND ADJUSTED FOR PROPER OPERATION. COMPLETE WIRING SYSTEM SHALL BE FREE OF SHORT AND OPEN CIRCUITS. 10. THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES AND PERMITS REQUIRED FOR THE CONSTRUCTION OF THE PROJECT. 11. THE CONTRACTOR SHALL FURNISH THE CERTIFICATE OF ELECTRICAL INSPECTION TO THE OWNER AT THE COMPLETION OF THIS PROJECT. 12. ALL ELECTRICAL EQUIPMENT SHOWN SHALL BE ELECTRICALLY PROTECTED AND PROPERLY WIRED IN ACCORDANCE WITH THE STATE BUILDING CODES. COORDINATE LOCATIONS AND ELECTRICAL DATA WITH THE OWNER. 13. FLEXIBLE METAL RACEWAYS 6 FEET OR LESS IN LENGTH SHALL BE PROVIDED TO ALL ELECTRICAL EQUIPMENT SUBJECT TO VIBRATION OR MOVEMENT AND FOR ALL MOTORS. LIQUID TIGHT RACEWAYS SHALL BE USED IN WET LOCATIONS. 14. SUPPLY AND INSTALL NEW ELECTRICAL SERVICE AND PANELS AS SHOWN. 15. ALL EXISTING CONDUIT AND CONDUCTORS THAT ARE NOT TO BE USED IN THE REMODEL MUST BE REMOVED, OBSOLETE AND DILAPIDATED WIRING AND EQUIPMENT SHALL NOT BE REUSED.

5 NOTES NTS



4 MASTER LIGHTING SWITCH BANK NTS

EXISTING PANEL "A" table with columns for item, cont, n.c., a, b, c, n.c., cont, item, and remarks.

EXISTING PANEL "B" table with columns for item, cont, n.c., a, b, c, n.c., cont, item, and remarks.

EXISTING PANEL "C" table with columns for item, cont, n.c., a, b, c, n.c., cont, item, and remarks.

SERVICE IS 277/480 VOLT; 3 PHASE; 4 WIRE PANEL SHALL BE RATED AT 400 AMPS WITH 400 AMP MAIN CIRCUIT BREAKER

SERVICE IS 120/208 VOLT; 3 PHASE; 4 WIRE PANEL SHALL BE RATED AT 225 AMPS WITH 225 AMP MAIN CIRCUIT BREAKER

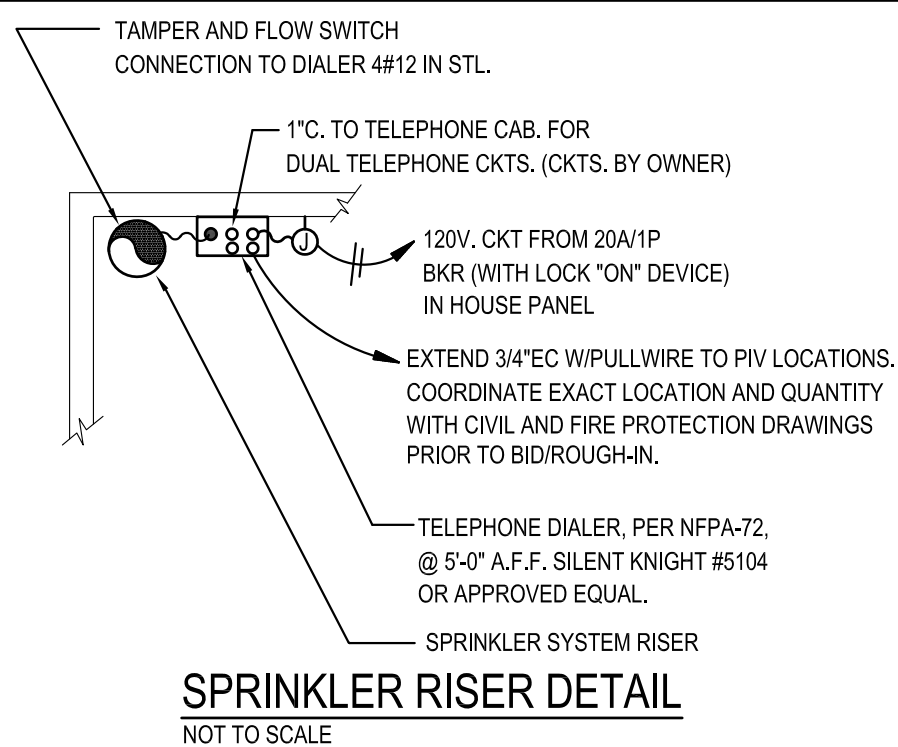
SERVICE IS 120/208 VOLT; 3 PHASE; 4 WIRE PANEL SHALL BE RATED AT 125 AMPS WITH MAIN LUGS ONLY

DEMOLITION NOTES

- A. EXCEPT WHERE SPECIFICALLY SHOWN OR SPECIFIED, EXISTING WORK IS TO REMAIN AND BE MAINTAINED OPERATIONAL.
B. CONTRACTOR SHALL DO ANY AND ALL CUTTING AND PATCHING REQUIRED FOR THIS SCOPE OF WORK...
C. ALL DIMENSIONS INDICATED ON PLANS ARE NOMINAL...
D. WHERE PIPES, CONTROL DEVICES AND WIRING ARE DISCONNECTED FOR THE REMOVAL OR RELOCATION OF EQUIPMENT OR BECAUSE OF BUILDING ALTERATIONS...
E. CONTRACTOR SHALL REMOVE ALL SUPPORTING FACILITIES NO LONGER NEEDED OR MADE OBSOLETE BY THE NEW EQUIPMENT AND MATERIALS FURNISHED IN THIS CONTRACT...
F. EXISTING CONDITIONS: VISIT SITE AND CAREFULLY EXAMINE EXISTING CONDITIONS BEFORE SUBMITTING BID...
G. THE CONTRACT DOCUMENTS INDICATE THE EXTENT AND GENERAL ARRANGEMENTS OF THE MODIFICATIONS AND ADDITIONS TO THE EXISTING SYSTEM...
H. WHERE WORK MAKES TEMPORARY SHUTDOWNS OF SERVICES UNAVOIDABLE, SHUTDOWN AT NIGHT OR AT SUCH TIMES AS APPROVED BY OWNER WHICH WILL CAUSE LEAST INTERFERENCE WITH ESTABLISHED OPERATING ROUTINE...
I. REPLACE CONDUIT AND CONDUCTORS REMOVED OR DAMAGED DURING THE PROGRESS OF THE WORK WITH NEW INSTALLATION EQUIVALENT TO THE ORIGINAL...
J. UNLESS OTHERWISE NOTED, ALL MATERIALS AND EQUIPMENT SHOWN OR SPECIFIED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT SITE...
K. DEMOLITION OF ALL ELECTRICAL EQUIPMENT SHALL BE INCLUDED IN BID PRICE...
L. NO EXISTING DEVICE TO REMAIN SHALL BE LEFT WITHOUT POWER.

ELECTRICAL ABBREVIATIONS

- AAMPERE
AFFABOVE FINISHED FLOOR
AICAMPERE INTERRUPTING CAPACITY
AWGAMERICAN WIRE GAUGE
BCBELOW CEILING
BRBREAKER
CKTCIRCUIT
DDRAINING FOUNTAIN
EXEXISTING
FACPFIRE ALARM CONTROL PANEL
GFIGROUND FAULT INTERRUPTER
G OR GNDGROUND
HPHORSE POWER
J OR JBJUNCTION BOX
KCMILTHOUSAND CIRCULAR MILS
MCBMAIN CIRCUIT BREAKER
MCMTHOUSAND CIRCULAR MILS
MLOMAIN LUGS ONLY
NLNIGHT LIGHT
NTSNOT TO SCALE
MHMOUNTING HEIGHT
RTRAINTIGHT
STSHUNT TRIP
TVTELEVISION
TVSSTRANSIENT VOLTAGE SURGE SUPP.
ULUNDERWRITER, LABORATORY
UNOUNLESS NOTED OTHERWISE
VVOLTS
WWATTS
WPWEATHERPROOF
YWYE



A. SCOPE OF WORK

- 1. FURNISH ALL LABOR AND MATERIAL TO COMPLETE ALL ELECTRICAL WORK SHOWN ON THE DRAWINGS
2. THE LISTING OF ARTICLE OR MATERIAL, OPERATION OR METHOD, REQUIRES THAT THE CONTRACTOR SHALL PROVIDE AND INSTALL, UNLESS NOTED TO BE SUPPLIED BY OTHERS...
3. THE ELECTRICAL CONTRACTOR SHALL SCHEDULE HIS WORK TO CONFORM TO THE PROGRESS OF THE OTHER TRADES AND CONTRACTORS EMPLOYED ON THIS PROJECT...
A. PROVIDE ELECTRICAL SERVICE INCLUDING CONDUITS, CABLES, TERMINATIONS, METERING EQUIPMENT, ETC. IN ACCORDANCE WITH UTILITY REQUIREMENTS AND DRAWINGS
B. PROVIDE LIGHTING FIXTURE AS SHOWN ON DRAWINGS... THIS SHALL INCLUDE ALL ASSOCIATED LAMPS, BOXES, SWITCHES, CONTRACTORS AND BRANCH CIRCUIT WIRING AND MATERIALS REQUIRED FOR A COMPLETE INSTALLATION.
C. PROVIDE DEVICES (RECEPTACLES, SWITCHES, ETC.) AS SHOWN ON DRAWINGS... THIS SHALL INCLUDE ALL ASSOCIATED BRANCH CIRCUIT WIRING AND MATERIAL REQUIRED FOR A COMPLETE INSTALLATION.
D. POWER FEEDERS TO HVAC EQUIPMENT INCLUDING RTUs, EXHAUST FANS, INCLUDING DISCONNECT SWITCHES, CONTROL DEVICES, STARTERS FOR MOTORS (NOT PROVIDED BY OTHERS)...
E. PROVIDE POWER DISTRIBUTION EQUIPMENT (PANELBOARDS, DISCONNECT SWITCHES, CONTRACTORS, MOTOR STARTERS, ENCLOSED CIRCUIT BREAKERS, ETC.) AS SHOWN ON DRAWINGS OR AS REQUIRED FOR THIS PROJECT...
F. NOT USED.
G. PROVIDE TESTING OF ALL ELECTRICAL EQUIPMENT.
H. INSTALL ALL WORK IN FULL ACCORDANCE WITH CODES, RULES, AND REGULATIONS OF MUNICIPAL, CITY, COUNTY, STATE AND PUBLIC UTILITY AND ALL OTHER AUTHORITIES HAVING JURISDICTION OVER THE PREMISES...
I. PROVIDE BACKBOXES, PULL STATIONS, AND CONDUIT TO ABOVE ACCESSIBLE CEILING FOR ALL VOICE AND COMMUNICATIONS OUTLETS.
J. PROVIDE CONDUIT, JUNCTION BOXES, 15V FEEDERS, BACKBOXES, ETC. AS SHOWN ON DRAWINGS...
K. PROVIDE EMERGENCY LIGHTING, BATTERY UNITS, REMOTE HEADS, EXIT LIGHTS AND ALL ASSOCIATED WIRING, CONDUIT, JUNCTION BOXES, CONNECTIONS, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION.

A. INSTALLATION

- 1. THIS CONTRACTOR SHALL VISIT THE JOB SITE TO DETERMINE PRESENT CONDITIONS AND VERIFY EXACT LOCATION OF EQUIPMENT AND LOCAL REGULATIONS PRIOR TO SUBMITTING BID.
2. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AN PATCHING OF EXISTING WALLS, CEILINGS AND FLOOR SLABS NECESSARY FOR THE COMPLETION OF HIS WORK.
3. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL WORK AND MATERIAL SHOWN SHALL BE PERFORMED, FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
4. THE COMPLETE INSTALLATION SHALL BE DONE IN STRICT ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND CITY CODES, RULES, REGULATIONS AND ORDINANCE...
5. GUARANTEE ALL WORKMANSHIP, MATERIAL AND PERFORMANCE FOR PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE.
6. THE EXACT MOUNTING LOCATIONS OF APPARATUS, DEVICES, EQUIPMENT AND CONDUITS SHALL BE ASCERTAINED FROM OWNER OR THEIR REPRESENTATIVE IN THE FIELD...
7. ALL CONDUCTORS SHALL BE COPPER THIN INSULATION UNLESS OTHERWISE NOTED...
8. RUN ALL CONDUIT CONCEALED IN BLOCK WALLS AND RECESSES ALL DEVICES IN BIRCH WALLS TO THE EXTENT POSSIBLE AND/OR PRACTICAL.

B. DRAWINGS AND SPECIFICATIONS

- 1. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW THE APPROXIMATE LOCATIONS OF EQUIPMENT AND PIPING...
2. THE EXACT LOCATIONS OF APPARATUS, FIXTURES, EQUIPMENT AND CONDUITS SHALL BE ASCERTAINED FROM THE OWNER OR HIS REPRESENTATIVE IN THE FIELD...
3. THIS CONTRACTOR SHALL FURNISH SUCH LABOR AND MATERIALS AS HERE-IN-AFTER SPECIFIED AND AS REQUIRED TO COMPLETE ALL ELECTRICAL CONNECTIONS IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS FOR ALL MECHANICAL AND PLUMBING EQUIPMENT AND OWNER'S EQUIPMENT AS SHOWN AND/OR SPECIFIED.

D. VISITING TO THE SITE

- 1. THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING HIS WORK...
2. UNLESS SPECIFICALLY SPECIFIED OR INDICATED ON THE DRAWINGS TO THE CONTRARY, ALL MATERIALS SHALL BE NEW AND FREE FROM DEFECTS, AND SHALL BE THE BEST OF THEIR SEVERAL KINDS.

E. MATERIALS AND WORKMANSHIP

- 1. ALL WORK SHALL BE INSTALLED IN PRACTICAL AND WORKMANLIKE MANNER BY COMPETENT WORKMEN SKILLED IN THEIR BRANCH OF THE TRADE.
2. UNLESS SPECIFICALLY SPECIFIED OR INDICATED ON THE DRAWINGS TO THE CONTRARY, ALL MATERIALS SHALL BE NEW AND FREE FROM DEFECTS, AND SHALL BE THE BEST OF THEIR SEVERAL KINDS.
3. ALL MATERIALS SHALL MEET OR EXCEED STANDARD SPECIFIED BY UL, NEMA, ANSI AND IEEE WHEREVER SUCH STANDARDS HAVE BEEN ESTABLISHED.
4. THE CONTRACTOR SHALL REMOVE ALL DEBRIS AND EXCESS MATERIALS ASSOCIATED WITH HIS WORK AND LEAVE THE WORK AREA CLEAN AT THE END OF EACH WORK DAY.
5. ALL ELECTRICAL EQUIPMENT AND MATERIAL SHALL BEAR THE UNDERWRITER'S LABORATORIES LABEL.
F. DEFINITIONS
1. "INSTALL" SHALL MEAN TO PLACE, FIX IN POSITION, SECURE, ANCHOR, ETC. INCLUDING NECESSARY AFFIXTURENANCES AND LABOR SO THAT THE EQUIPMENT OR INSTALLATION WILL FUNCTION AS SPECIFIED AND INTENDED.
2. "FURNISH" SHALL MEAN TO PURCHASE AND SUPPLY EQUIPMENT OR COMPONENTS.
3. "PROVIDE" SHALL MEAN TO "FURNISH AND INSTALL".
4. "OR APPROVED EQUAL" AND "OR EQUAL" SHALL MEAN EQUAL IN TYPE, DESIGN, QUALITY, ETC. AS DETERMINED BY THE OWNER AND APPROVED BY THE ENGINEER.

G. CODES, PERMITS, AND INSPECTIONS

- 1. INSTALL ALL WORK IN FULL ACCORDANCE WITH CODES, RULES, AND REGULATIONS OF MUNICIPAL, CITY, COUNTY, STATE AND PUBLIC UTILITY AND ALL OTHER AUTHORITIES HAVING JURISDICTION OVER THE PREMISES...
2. COMPLY WITH SPECIFICATION REQUIREMENTS WHICH ARE IN EXCESS OF CODE REQUIREMENTS AND NOT IN CONFLICT WITH SAME.
3. THE CONTRACTOR SHALL SECURE ALL PERMITS AND CERTIFICATED OR INSPECTION INCIDENTAL TO HIS WORK...
4. LABELING AND NAMEPLATES
1. PERMANENTLY LABEL PANELBOARDS, TIME SWITCHES, CONTRACTORS AND SAFETY SWITCHES INDICATING EQUIPMENT OR PANELS AND AREAS WHICH THEY SERVE...
2. LIGHTING AND APPLIANCE PANELS SHALL BE LABELED AS SHOWN ON DRAWINGS.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL IDENTIFICATION FOR PULL OR JUNCTION BOXES FURNISHED BY HIM.
4. IDENTIFY AS TO BE ON FACE OF EQUIPMENT BY MEANS OF LAMINATED BLACK AND WHITE PHENOLIC LABEL WITH 1/2" LETTERS ENGRAVED THROUGH BLACK TO WHITE.

I. TESTS AND VOLTAGE RECORD

- 1. ELECTRICAL CONTRACTOR SHALL TEST ALL WIRING AND CONNECTIONS FOR CONTINUITY AND GROUNDING...
2. RECORD FEEDER LOAD CURRENTS AND LINE VOLTAGES MEASURED AT EACH PANELBOARD...
3. ALL FIXTURE AND BRANCH CIRCUIT WIRING CONNECTIONS OR SPLICES SHALL BE MADE IN JUNCTION AND OUTLET BOXES WITH UL LISTED PRESSURE TIGHT CONNECTORS AND LISTED FOR 600 VOLTS (1000 VOLTS WHEN ENCLOSED IN FIXTURE)...
4. WIRE AND CABLE ABOVE 10 GAUGE SHALL BE STRANDED TYPE "THIN" INSULATED 600 VOLTS.

J. BRANCH CIRCUIT WIRING

- 1. PROVIDE A SYSTEM OF PANELS, CONDUITS, FITTING, BOXES, SUPPORTS AND ALL OTHER MISCELLANEOUS MATERIALS REQUIRED FOR EQUIPMENT INDICATED ON PLANS...
2. HOME RUNS FROM 10A OUTLETS 125 FT. OR OVER AT 211 VOLTS, OR 60 FT. OR OVER AT 120 VOLTS SHALL BE #100 WIRE.
3. ALL FIXTURE AND BRANCH CIRCUIT WIRING CONNECTIONS OR SPLICES SHALL BE MADE IN JUNCTION AND OUTLET BOXES WITH UL LISTED PRESSURE TIGHT CONNECTORS AND LISTED FOR 600 VOLTS (1000 VOLTS WHEN ENCLOSED IN FIXTURE)...
4. WIRE AND CABLE ABOVE 10 GAUGE SHALL BE STRANDED TYPE "THIN" INSULATED 600 VOLTS.

K. CONDUCTORS

- 1. SIZES OF CONDUCTORS FOR FEEDERS ARE GIVEN ON THE DRAWINGS, AND NO WIRE SMALLER THAN #12 GAUGE SHALL BE USED FOR BRANCH LIGHTING OR POWER CIRCUITS...
2. THE GAUGE OF ALL WIRE SHALL BE IN ACCORDANCE WITH B 4 S STANDARD.
3. ALL WIRE AND CABLE FOR BRANCH LIGHTING OR SMALL POWER CIRCUITS SHALL HAVE "NEC" TYPE "THIN" 600 VOLT INSULATION.
4. WIRE AND CABLE ABOVE 10 GAUGE SHALL BE STRANDED TYPE "THIN" INSULATED 600 VOLTS.

L. CONDUIT AND CABLES

- 1. ALL CONDUIT SHALL BE RIGID, THREADED, METAL CONDUIT OR ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE SPECIFICALLY STATED HEREIN.
2. CONDUIT AND EMT SHALL BE DELIVERED TO THE BUILDING IN 10 FOOT LENGTHS AND EACH LENGTH SHALL HAVE THE APPROVED UNDERWRITER'S LABORATORIES LABEL.
3. CONDUIT SHALL BE RUN CONCEALED IN ALL FINISHED AREAS OF THE BUILDING AND MAY BE RUN EXPOSED IN UNFINISHED AREAS AT CEILING OR 101ST LEVEL...
4. EMT CONNECTORS AND COUPLERS SHALL BE RAIN TIGHT COMPRESSION TYPE (OR SET-SCREW WHERE ACCEPTABLE TO OWNER AND LOCAL CODES)...
5. CONDUIT SHALL BE SECURELY FASTENED IN PLACE AT NO MORE THAN 10 FT. CENTERS...
6. HORIZONTAL AND VERTICAL CONDUIT RUNS SHALL BE SUPPORTED BY ONE-HOLE MALLEABLE STRAPS OR THEIR APPROVED METAL DEVICE WITH SUITABLE BOLTS OR BEAM CLAMPS...
7. NON-METALLIC SHEATHED CABLE (ROMEX) OR AC CABLE SHALL NOT BE USED TYPE MC CABLE MAY BE USED ONLY WHEN CONCEALED IN FINISHED WALLS OR ABOVE CEILING...
8. ONLY SHORT RUNS OF FLEXIBLE METAL CONDUIT NOT OVER 30" IN LENGTH SHALL BE USED FOR TERMINAL CONNECTIONS TO MOTORS AND OTHER VIBRATING EQUIPMENT...
9. CONDUIT SYSTEM SHALL CONFORM TO ALL THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND LOCAL CODES.

M. GROUNDING

- 1. THIS CONTRACTOR SHALL PROVIDE, INSTALL AND CONNECT A COMPLETE SYSTEM OF GROUNDING FOR ALL EQUIPMENT AND STRUCTURES A GOOD MECHANICAL AND ELECTRICAL CONNECTION SHALL BE MADE WITH APPROVED GROUNDING CONNECTIONS.
2. ELECTRICAL SYSTEM AND EQUIPMENT GROUND SHALL COMPLY WITH ALL LOCAL, STATE AND NEC CODES AND REGULATIONS.
3. PANELS, CONDUIT SYSTEMS MOTOR FRAMES, LIGHTING FIXTURES AND OTHER EQUIPMENT THAT ARE PART OF THIS INSTALLATION SHALL BE SECURELY GROUNDED BOTH MECHANICALLY AND ELECTRICALLY IN ACCORDANCE WITH ALL CODES.
4. MAIN GROUNDING SYSTEM (WHEN APPLICABLE) SHALL BE SIZED TO CONFORM WITH TABLE 250-66 OF NATIONAL ELECTRIC CODE...
5. DISTRIBUTION PANELS SHALL BE SQUARE "D" CO. TYPE "N" OR APPROVED EQUAL BY GE, SIEMENS, OR CUTLER HAMMER...
6. 480/277V PANELS SHALL BE SQUARE "D" CO. TYPE "N" OR APPROVED EQUAL BY GE, SIEMENS, OR CUTLER HAMMER...
7. 208/120V PANELS SHALL BE SQUARE "D" CO. TYPE "N" OR APPROVED EQUAL BY GE, SIEMENS, OR CUTLER HAMMER...
8. SHORT CIRCUIT RATINGS OF NEW PANELS SHALL BE AS NOTED ON DRAWINGS, OR AS OTHERWISE DIRECTED BY LOCAL UTILITY COMPANY...
9. GENERAL FOR ALL PANELS

N. LIGHTING/APPLIANCE PANELBOARDS AND DISTRIBUTION PANELS

- 1. DISTRIBUTION PANELS SHALL BE SQUARE "D" CO. TYPE "N" OR APPROVED EQUAL BY GE, SIEMENS, OR CUTLER HAMMER.
2. 480/277V PANELS SHALL BE SQUARE "D" CO. TYPE "N" OR APPROVED EQUAL BY GE, SIEMENS, OR CUTLER HAMMER...
3. 208/120V PANELS SHALL BE SQUARE "D" CO. TYPE "N" OR APPROVED EQUAL BY GE, SIEMENS, OR CUTLER HAMMER...
4. SHORT CIRCUIT RATINGS OF NEW PANELS SHALL BE AS NOTED ON DRAWINGS, OR AS OTHERWISE DIRECTED BY LOCAL UTILITY COMPANY...
5. GENERAL FOR ALL PANELS

O. GENERAL FOR ALL PANELS

- 1. METAL FRAMED CARDHOLDERS WITH TYPEWRITTEN CIRCUIT DIRECTORY SHALL BE PROVIDED FOR EACH PANEL...
2. ALL PANELS SAFETY SWITCHES, STARTERS AND IN GENERAL ALL EQUIPMENT REQUIRING LUGS SHALL BE EQUIPPED WITH SOLDERLESS TYPE UL, APPROVED LUGS.
3. PROVIDE ALL NECESSARY UNISTRUT, CHANNEL BACKING AND SUPPORTS TO MOUNT PANELBOARDS SECURELY IN PLACE.
4. SECURE FASTENED HANDLE LOCK-ON DEVICES ARE REQUIRED ON CIRCUIT BREAKERS PROTECTING SERVICES TO THE FOLLOWING EQUIPMENT:
A. EMERGENCY, EXIT, SECURITY AND NIGHT LIGHTS.
B. HEATING AND COOLING CONTROL CIRCUITS.
C. ALL TIME SWITCHES.

P. TOGGLE SWITCHES AND RECEPTACLES

- 1. SINGLE POLE 120 AND THREE(3) WAY #23- SWITCHES SHALL BE RATED 20 AMPERE 277/120 VOLTS, COLOR TO BE BID AS WHITE...
2. DUPLEX RECEPTACLES SHALL BE AS SPECIFIED ON DRAWINGS.

Q. DISCONNECT SWITCHES

- 1. AN APPROVED HORSEPOWER RATED, HEAVY DUTY, DISCONNECT SWITCH SHALL BE PROVIDED WITHIN SIGHT OF EACH MOTOR AND EACH HEATING UNIT...
2. SWITCHES ON THE ROOF SHALL BE WEATHERPROOF MOUNTED ON UNISTRUT.
3. SWITCHES SHALL BE LABELED ON THEIR COVER IDENTIFYING THE EQUIPMENT TO BE PROTECTED.

R. MOTORS AND WIRING

- 1. FURNISH AND INSTALL DISCONNECT SWITCHES (EXCEPT WHERE SPECIFICALLY SPECIFIED BY OTHERS) AND RUN POWER CIRCUITS FROM THE POWER PANEL...
2. PROVIDE ALL STARTERS, CONTROLS AND PUSH BUTTON STATIONS ETC. NOT SUPPLIED BY MECHANICAL OR OTHER CONTRACTORS...
A. THE ABOVE ELECTRICAL EQUIPMENT SHALL BE MOUNTED SECURELY TO WALL OR FRAMES AND THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL NECESSARY BRACKETS, STRUCTURAL PIECES, EXPANSION BOLTS AND OTHER ACCESSORIES REQUIRED.
B. WOODEN PLUGS SHALL NOT BE PERMITTED FOR ANCHORING.
C. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LUBRICATION OF ALL MOTORS.
3. REFER ALSO TO MECHANICAL SPECIFICATIONS FOR WORK BY MECHANICAL CONTRACTOR WHICH MAY RESULT IN ADDITIONAL WORK FOR THIS ELECTRICAL CONTRACTOR.
4. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER WIRING AN CONNECTIONS TO ALL HVAC EQUIPMENT.
5. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING AN CONNECTIONS TO ALL HVAC EQUIPMENT NOT PROVIDED BY OTHERS.
6. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONTROL EQUIPMENT (STARTERS, CONTRACTORS ETC.) NOT SUPPLIED BY HVAC CONTRACTOR BUT REQUIRED FOR THE INTENDED OPERATION OF HVAC EQUIPMENT.
7. THE ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES FOR ALL HVAC EQUIPMENT NOT SUPPLIED BY OTHERS.
8. REFER TO MECHANICAL SPECIFICATION AND DRAWINGS FOR ADDITIONAL ELECTRICAL WORK AND COORDINATION.

S. FUSES

- 1. REPLACE ALL FUSES BLOWN DURING CONSTRUCTION AND TESTING AN PROVIDE A COMPLETE SET OF FUSES IN ALL FUSE HOLDERS, SWITCHES, PANELS AND ALL OTHER DEVICES REQUIRING FUSES.
2. FUSES SHALL BE CURRENT LIMITING, DUAL ELEMENT TIME DELAY TYPE PROVIDE OWNER WITH ONE SET OF SPARE FUSES FOR EACH FUSED SWITCH.

T. GUARANTEE

- 1. IN ADDITION TO WARRANTIES OF EQUIPMENT BY MANUFACTURER OF SAME, THIS CONTRACTOR SHALL ALSO GUARANTEE EQUIPMENT PROVIDED BY HIM AND SHALL BE HELD FOR A PERIOD OF ONE (1) YEAR TO MAKE GOOD ANY DEFECTS IN MATERIALS AND WORKMANSHIP OCCURRING DURING THIS PERIOD...
2. FUSES SHALL BE CURRENT LIMITING, DUAL ELEMENT TIME DELAY TYPE PROVIDE OWNER WITH ONE SET OF SPARE FUSES FOR EACH FUSED SWITCH.

U. FIELD DRAWING

- 1. KEEP ONE (1) SET OF WORKING DRAWINGS AND SHIP DRAWINGS AT THE JOB SITE FOR SOLE PURPOSE OF RECORDING ALL CHANGES MADE DURING CONSTRUCTION...
2. FUSES SHALL BE CURRENT LIMITING, DUAL ELEMENT TIME DELAY TYPE PROVIDE OWNER WITH ONE SET OF SPARE FUSES FOR EACH FUSED SWITCH.

V. SUBSTITUTION

- 1. WHENEVER ALTERNATE MATERIALS ARE SPECIFIED, IT IS WITH THE UNDERSTANDING THAT ANY ONE OF THE MATERIALS IS ACCEPTABLE TO THE OWNER...
2. NO WORK SHALL BE INSTALLED UNTIL THE MANDATORY SHOP DRAWINGS HAVE BEEN APPROVED BY THE ARCHITECT/ENGINEER...
3. ONLY MATERIAL AND EQUIPMENT MANUFACTURERS OF PRODUCTS OR SYSTEMS LISTED BELOW SHALL FURNISH MANDATORY SHOP DRAWINGS FOR APPROVAL BY THE ARCHITECT/ENGINEER...
4. SUBMIT A COPY OF SEVEN (7) COPIES OF ALL REQUIRED ELECTRICAL SHOP DRAWINGS.

W. SHOP DRAWINGS

- 1. ONLY MANDATORY SHOP DRAWINGS AS LIMITED OUTLINE HEREIN SHALL BE SUBMITTED.
2. NO WORK SHALL BE INSTALLED UNTIL THE MANDATORY SHOP DRAWINGS HAVE BEEN APPROVED BY THE ARCHITECT/ENGINEER...
3. ONLY MATERIAL AND EQUIPMENT MANUFACTURERS OF PRODUCTS OR SYSTEMS LISTED BELOW SHALL FURNISH MANDATORY SHOP DRAWINGS FOR APPROVAL BY THE ARCHITECT/ENGINEER...
4. SUBMIT A COPY OF SEVEN (7) COPIES OF ALL REQUIRED ELECTRICAL SHOP DRAWINGS.

MANUFACTURER'S NAME, MATERIAL DESCRIPTION, SIZES AND DIMENSIONS AND OTHER PERTINENT INFORMATION TO CONFIRM AS MINIMUM STARTERS AND CIRCUIT BREAKERS LISTED IN THE SCHEDULES ON THE DRAWINGS AND OR IN THE SPECIFICATIONS.

- 5. THE FOLLOWING SHOP DRAWING SUBMITTALS ARE A MANDATORY REQUIREMENT OF THE OWNER...
• STEP DOWN TRANSFORMERS (480-120/208V) WHEN APPLICABLE
• WIRING DEVICES (INCLUDING WEATHERPROOF RECEPTACLES)
• LIGHTING FIXTURES & EMERGENCY LIGHTING FIXTURES
• DISCONNECT SWITCHES
• POWER/LIGHTING PANELS
• MOTOR STARTERS
• FIRE ALARM DEVICES

X. ALARM AND DETECTION SYSTEMS (BY VENDOR)

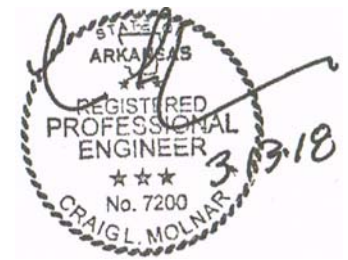
- 1. PROVIDE NECESSARY CONDUIT AND POWER FOR ALARM AND DETECTION SYSTEMS...
- DEDICATED 20 AMP / 120 VOLT CIRCUIT (S).
- 3/4" CONDUIT (EMPTY) TO EACH TO DOOR CONTACT, SOUND DETECTION DEVICE, FIRE ALARM, FIRE CAMERA, SILENCE BUTTON, ETC. (REFER TO ARCHITECTURAL DOOR SCHEDULE)
- COORDINATE ALL LOCATIONS OF ALARM AND DETECTION SYSTEM WITH OWNER...
2. WORK BY COMMUNICATIONS CONTRACTOR:
- ALL WIRING FOR TELEPHONE INSTRUMENTS
- ALL TELEPHONE INSTRUMENTS

Y. COMMUNICATION SYSTEMS

- 1. WORK INCLUDES: EMPTY CONDUIT WITH NYLON PULLWIRES AND BOXES FOR UTILITY TELEPHONE WIRING.
2. WORK BY COMMUNICATIONS CONTRACTOR:
- ALL WIRING FOR TELEPHONE INSTRUMENTS
- ALL TELEPHONE INSTRUMENTS



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FIVE BELOW

A DEVELOPMENT BY:



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BRYANT, AR 72022

Print Record

Table with columns for Date (13 MARCH 2018) and Description (PERMIT SET)

Revisions

Table for tracking revisions with columns for Date, Description, and Status.

Date Project No.
13 MARCH 2018 2017259.00

Sheet Title
ELECTRICAL SPECIFICATIONS

Sheet No.

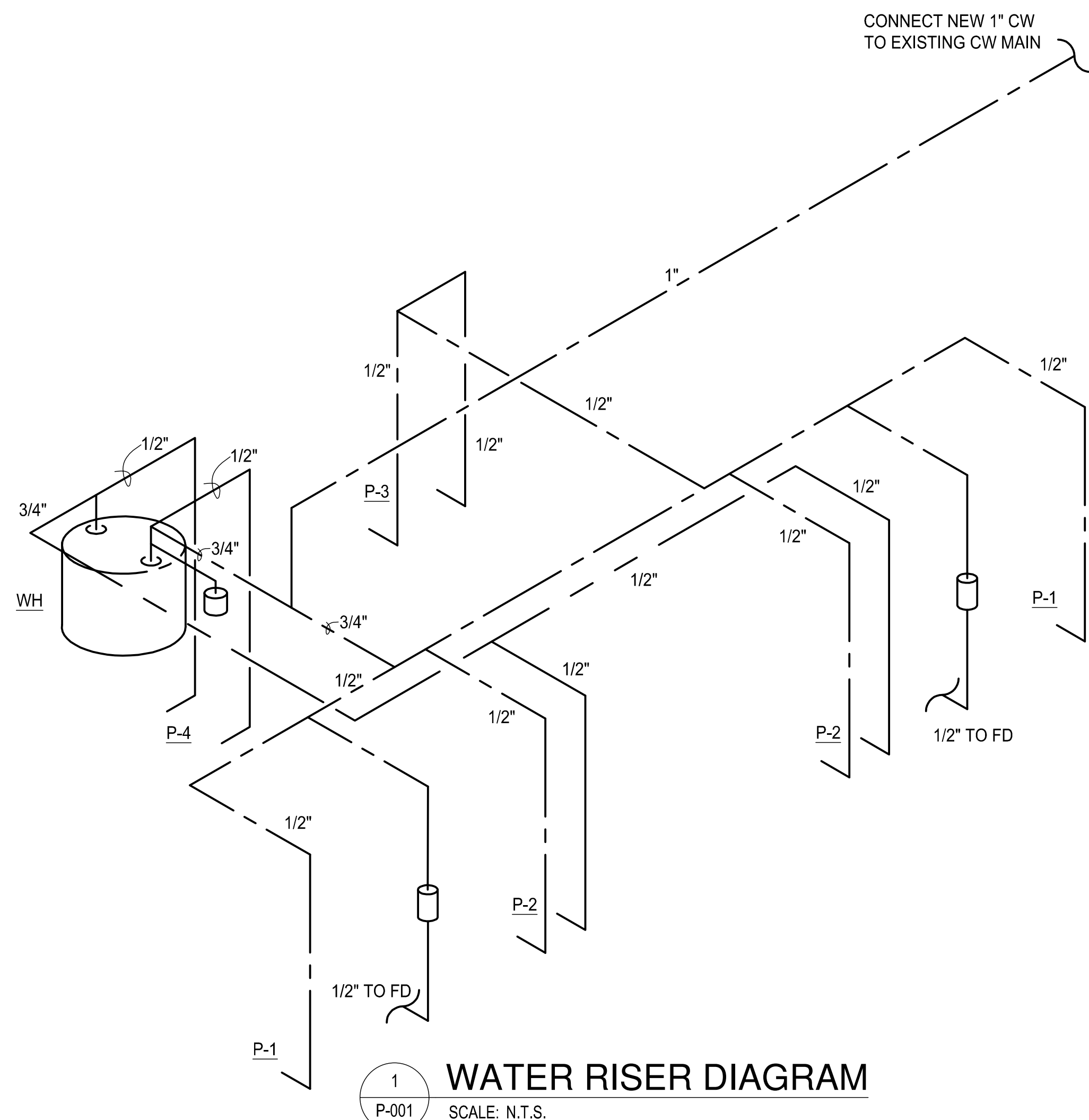
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Not Released for Construction

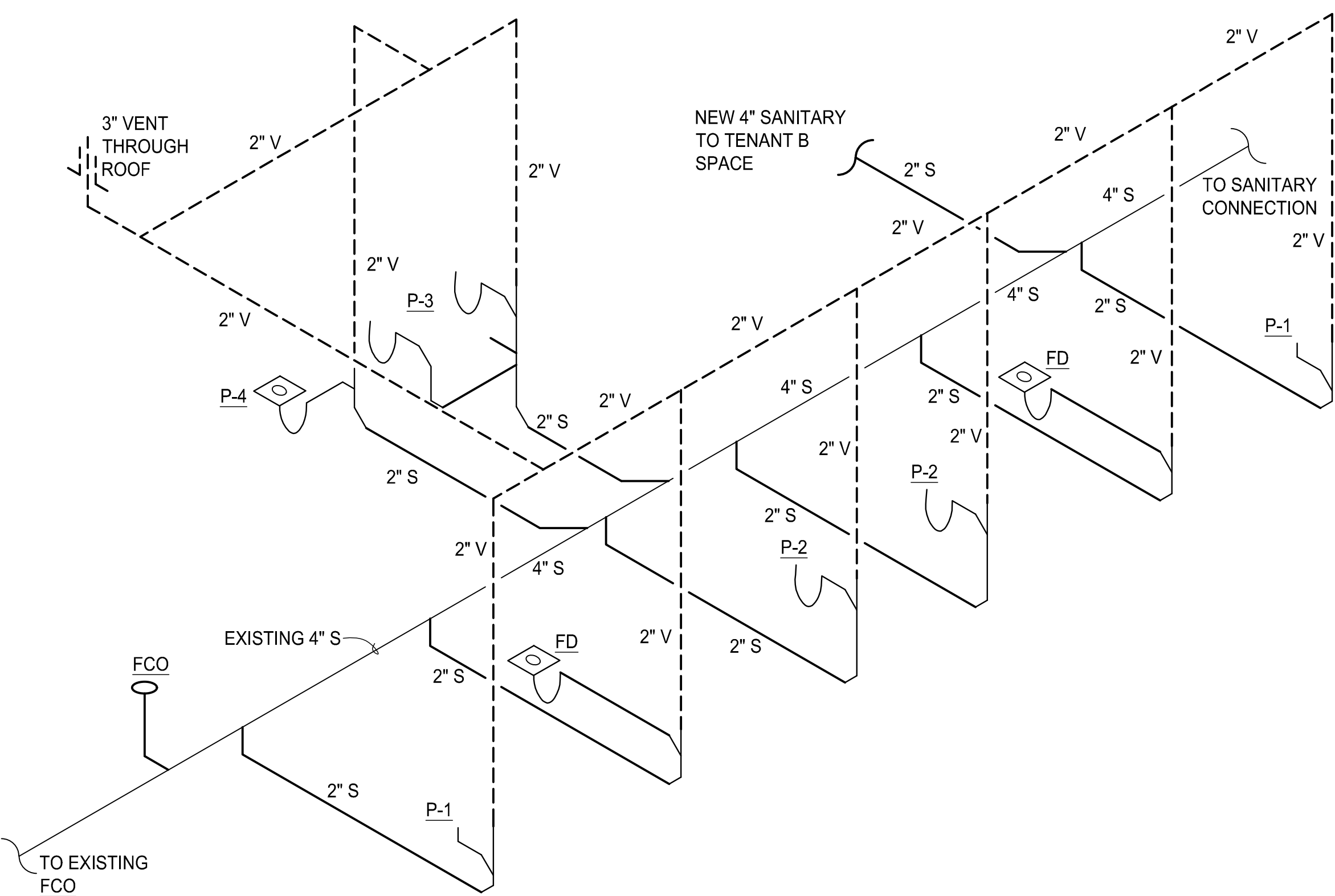
ELECTRICAL SPECIFICATIONS

PLUMBING NOTES

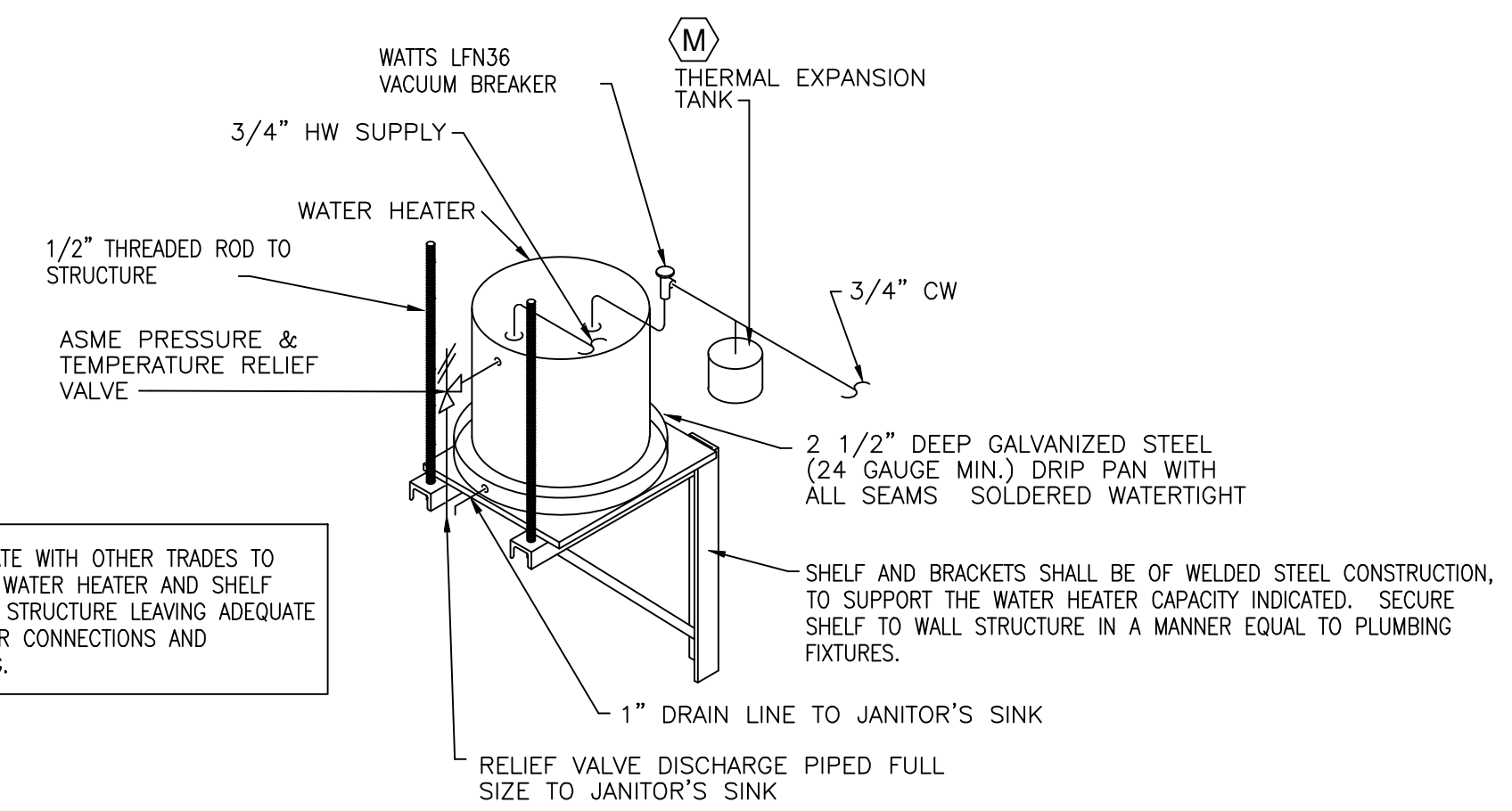
1. SCOPE OF WORK
 - A. THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIALS, AND LABOR TO SATISFY A COMPLETE WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
 - B. ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES GOVERNING WORK OF THIS NATURE.
 - C. THE CONTRACTOR SHALL, BEFORE SUBMITTING ANY PROPOSAL, EXAMINE THE PROPOSED SITE AND SHALL DETERMINE FOR HIMSELF THE CONDITIONS THAT MAY AFFECT THE WORK. NO ALLOWANCE SHALL BE MADE IF THE CONTRACTOR FAILS TO MAKE SUCH EXAMINATIONS.
 - D. ALL EQUIPMENT AND MATERIALS SHALL BE AS SPECIFIED OR "APPROVED EQUAL" BY ENGINEER OR ARCHITECT.
2. PERMITS
 - A. THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS AND PAY ANY AND ALL FEES.
3. SHOP DRAWINGS
 - A. SUBMIT MATERIAL LIST AND SHOP DRAWINGS FOR MAJOR EQUIPMENT/FIXTURES TO THE ARCHITECT OR ENGINEER FOR APPROVAL. THE CONTRACTOR SHALL SUBMIT AN ELECTRONIC SET OF SHOP DRAWINGS AND THEY SHALL BE CLEARLY LABELED.
4. DOMESTIC WATER SUPPLY PIPING
 - A. UNDERGROUND: PROVIDE TYPE "K" SOFT DRAWN COPPER TUBING WITH BRAZED CONNECTIONS.
 - B. ABOVE GROUND: PROVIDE TYPE "L" HARD DRAWN COPPER TUBING WITH 125 PSI SOLDER JOINTS, COPPER OR BRASS FITTINGS. ALL SOLDER TO BE "NO LEAD" TYPE.
 - C. ALL HOT WATER PIPING TO BE INSULATED WITH 1" FIBERGLASS INSULATION.
 - D. ALL COLD WATER PIPING TO BE INSULATED WITH 1/2" FOAM INSULATION.
5. SANITARY/STORM DRAINAGE AND VENT PIPING
 - A. ABOVE GRADE:
 - 2" AND BELOW: SCH. 40 GALV. STL. PIPE WITH SCREWED ENDS OR SCH. 40 PVC WITH SOLVENT JOINTS OR DWV COPPER WITH SOLDER JOINTS. ALL SOLDER TO BE "NO LEAD" TYPE.
 - 3" AND ABOVE: SERVICE WT. CAST IRON WITH NO-HUB OR BELL AND SPIGOT JOINTS; OR SCH. 40 PVC WITH SOLVENT JOINTS.
 - B. BELOW GRADE: SERVICE WT. CAST IRON WITH BELL AND SPIGOT JOINTS OR SCH. 40 PVC WITH SOLVENT JOINTS.
 - C. PVC PIPING SHALL NOT BE USED IN AIR PLENUM CEILINGS AND SHALL NOT CROSS FIRE RATED WALLS, CEILINGS, OR FLOORS.
 - D. DRAINAGE PIPING SHALL BE RUN AS STRAIGHT AS POSSIBLE AND SHALL HAVE LONG TURN FITTINGS.
 - E. DRAINAGE PIPING 3" SIZE AND SMALLER SHALL RUN AT A UNIFORM GRADE OF AT LEAST 1/4" PER FOOT, AND PIPING LARGER THAN 3" SHALL BE RUN AT A GRADE OF NO LESS THAN 1/8" PER FOOT.
 - F. ALL VENT PIPING SHALL BE SLOPED TO DRAIN BACK TO FIXTURES.
 - G. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FLASHING OF THE VENT PIPING RUN THROUGH THE ROOF.
6. PENETRATIONS
 - A. ALL STUB-INS AND/OR SLAB OR WALL PENETRATION TO BE PER 2006 ARKANSAS STATE PLUMBING CODE. ALL PIPING PENETRATIONS OF BUILDING FOUNDATIONS OR FOOTINGS SHALL BE SLEEVED.
7. GAS PIPING
 - A. PIPING SHALL BE SCHEDULE 40 BLACK STEEL PIPE WITH MALLEABLE IRON FITTINGS. WHERE GAS PIPE CONNECTS TO EQUIPMENT, IT SHALL BE PROVIDED WITH A DRIP LEG THE FULL SIZE OF THE RUNOUT, A 100% SHUTOFF VALVE AND A UNION. GAS PIPING CONTAINING PRESSURE GREATER THAN 9" W.G. SHALL BE SCHEDULE 40 BLACK STEEL PIPE WITH WELDED JOINTS.
 - B. GAS PIPING SHALL BE PAINTED WITH RUST INHIBITING PAINT IN SAFETY YELLOW.
8. PIPE SUPPORTS
 - A. ABOVE GRADE ALL PIPE SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE IN A NEAT AND WORKMANLIKE MANNER. THE USE OF WIRE AND PERFORMED METAL TO SUPPORT PIPES WILL NOT BE PERMITTED. SPACING OF PIPE SUPPORTS SHALL BE AS SPECIFIED IN THE 2006 ARKANSAS STATE PLUMBING CODE.
 - B. BELOW GRADE EARTH SHALL BE EXCAVATED TO A MINIMUM DEPTH WITH AN EVEN SURFACE TO INSURE SOLID BEARING OF PIPE FOR ITS ENTIRE LENGTH.
 - INTERIOR: THE PIPE SHALL BE INSTALLED (UNLESS OTHER-WISE SPECIFIED) A MINIMUM OF 4 INCHES BELOW THE BOTTOM OF THE SLAB AND SHALL NOT BE IN ANY DIRECT CONTACT WITH THE CONCRETE AT ANY POINT.
 - EXTERIOR: THE WATER PIPE SHALL HAVE A MINIMUM OF 42" OF COVER AND THE SANITARY WASTE PIPE SHALL HAVE A MINIMUM OF 24" OF COVER.
9. MISCELLANEOUS
 - A. COORDINATE INSTALLATION OF ALL ROOF FLASHING AT ROOF PENETRATION.
 - B. DO NOT SCALE THIS DRAWING FOR EXACT DIMENSIONS. VERIFY ALL FIGURES, CONDITIONS, AND DIMENSIONS AT THE JOB SITE.
 - C. THE PLUMBING PLANS ARE INTENDED TO BE DIAGRAMMATIC AND ARE BASED ON ONE MANUFACTURE'S EQUIPMENT. THEY ARE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION, THE EXACT DIMENSIONS, OR ALL THE DETAILS OF THE EQUIPMENT. THE CONTRACTOR SHALL VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT PROPOSED TO ENSURE THAT THE EQUIPMENT WILL FIT IN THE AVAILABLE SPACE.
10. TESTING
 - A. PLUMBING SYSTEMS SHALL BE FLOW AND PRESSURE TESTED IN ACCORDANCE WITH STANDARD PRACTICE AND THE 2006 ARKANSAS STATE PLUMBING CODE.
11. GUARANTEE
 - A. MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE(1) YEAR FROM DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR DURING THAT PERIOD SHALL BE CORRECTED AT THIS CONTRACTOR'S EXPENSE.
 - B. FOR THE SAME PERIOD, THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PREMISES CAUSED BY DEFECTS IN WORKMANSHIP OR IN THE WORK OR EQUIPMENT FURNISHED AND/OR INSTALLED BY HIM.



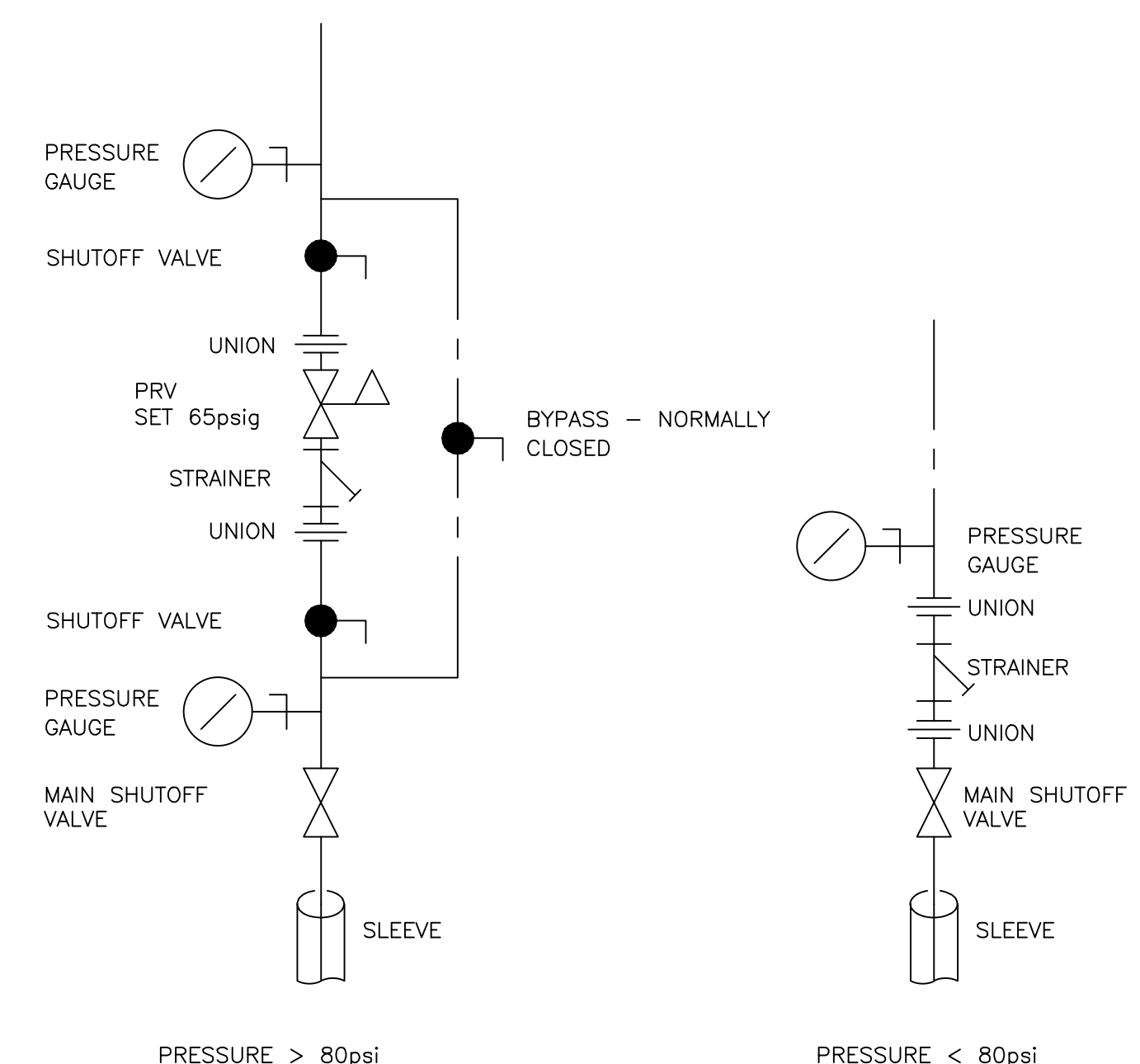
1 WATER RISER DIAGRAM
SCALE: N.T.S.



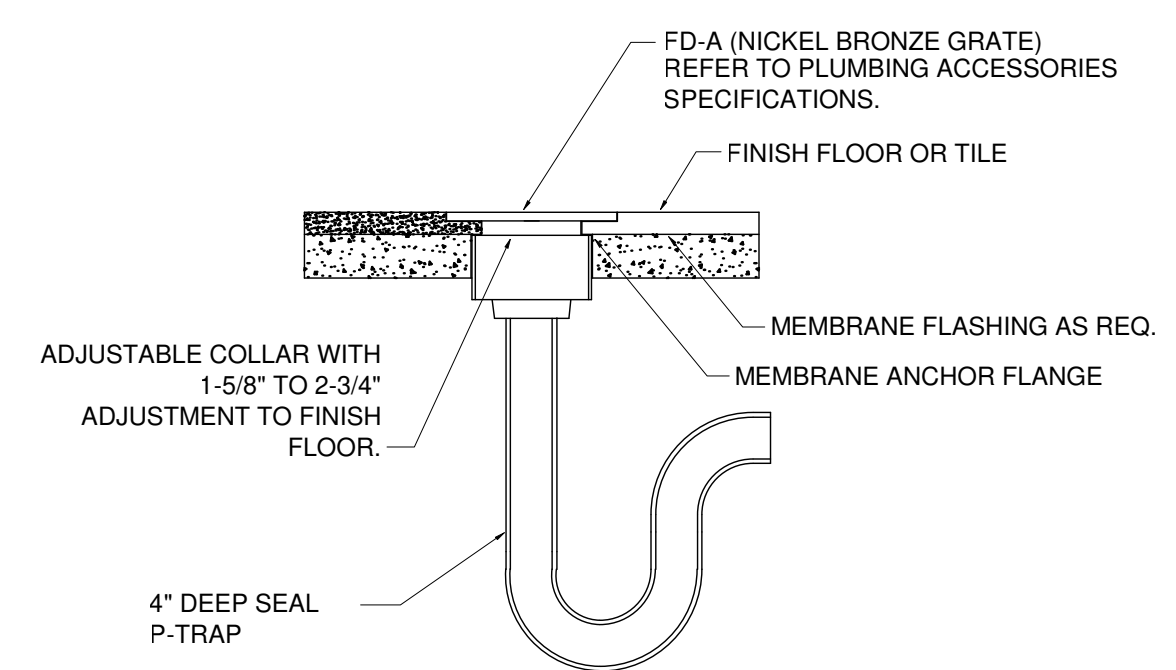
2 SANITARY RISER DIAGRAM
SCALE: N.T.S.



3 ELECTRIC WATER HEATER
SCALE: N.T.S.



4 DOMESTIC WATER SERVICE ENTRANCE
SCALE: N.T.S.



5 FLOOR DRAIN DETAIL
SCALE: N.T.S.

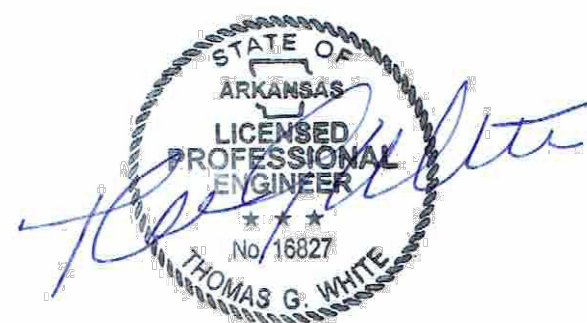
TAG	CAPACITY	RECOVERY @ 100 DEG. F. RISE	HEATING ELEMENT KW	ELECTRIC V./PH.	WATER CONN.	MANUFACTURER & MODEL	REMARKS
WH	6 GAL.	12	3	208/1	3/4"	A.O. SMITH NO. DEL-6	SET TEMP AT 120° MAX.



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A DEVELOPMENT BY:



7401 ALCOA RD
BRYANT, AR 72022

Print Record

DATE	DESCRIPTION
13 MARCH 2018	PERMIT SET

Revisions

NO.	DATE	DESCRIPTION
-----	------	-------------

Date 13 MARCH 2018
Project No. 2017259.00
Sheet Title DETAILS AND SCHEDULES - PLUMBING

Sheet No. P-001
Released for Construction
Not Released for Construction



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Print Record

13 MARCH 2018 PERMIT SET

Revisions

No.	Description

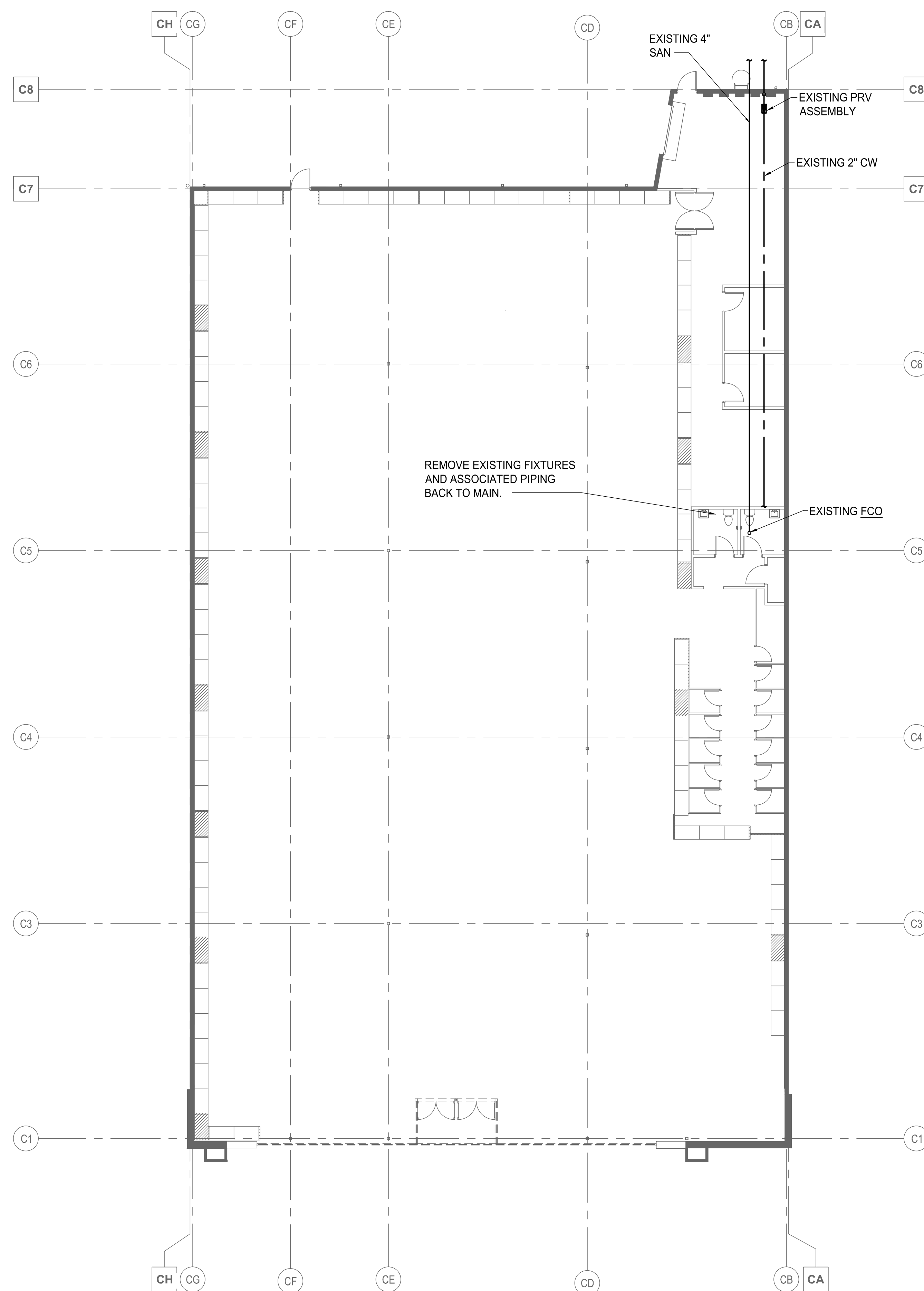
Date 13 MARCH 2018 Project No. 2017259.00

Sheet Title
EXISTING FLOOR PLAN -
PLUMBING

Sheet No.

P-101

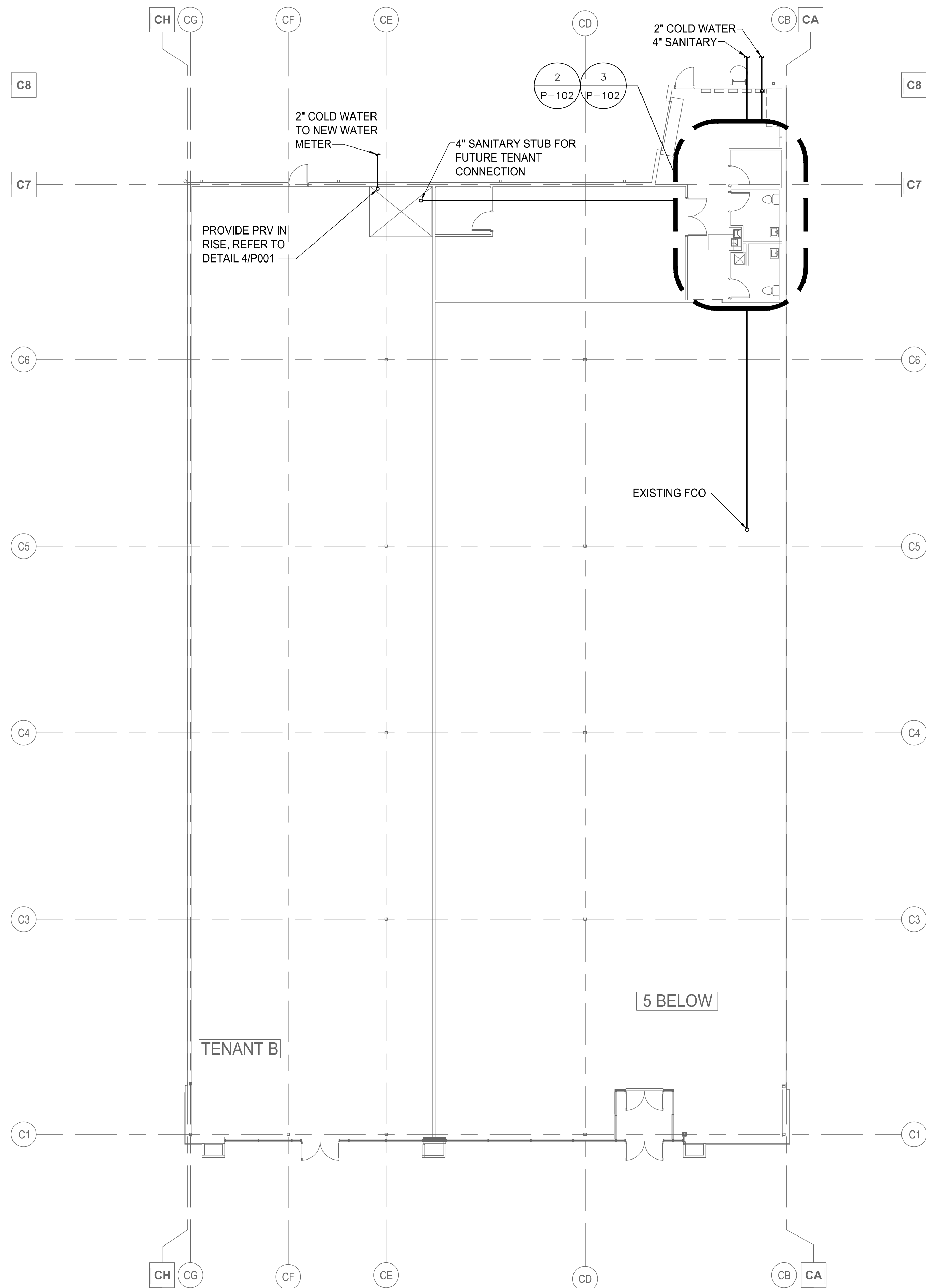
Released for Construction
 Not Released for Construction



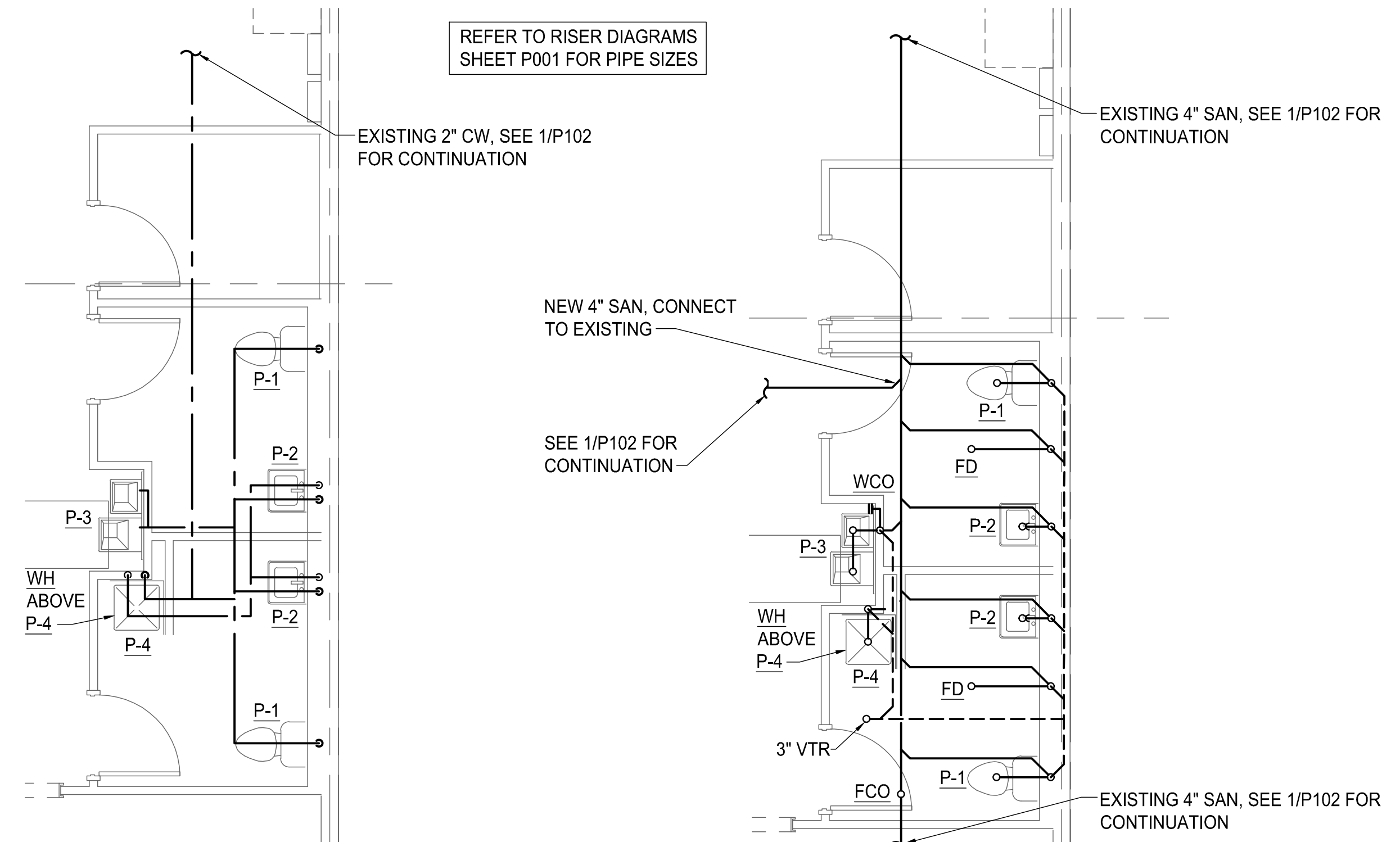
1 EXISTING FLOOR PLAN - HVAC
P-101 SCALE: 3/32" = 1' - 0"



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1 NEW FLOOR PLAN - PLUMBING
 P-102 SCALE: 3/32" = 1' - 0"



2 PART FLOOR PLAN - WATER
 P-102 SCALE: 1/4" = 1' - 0"

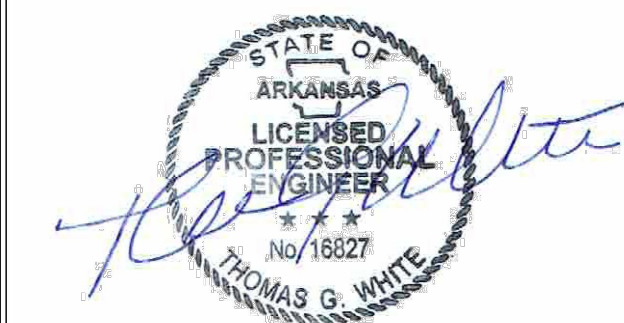
3 PART FLOOR PLAN - SANITATION
 P-102 SCALE: 1/4" = 1' - 0"

PLUMBING FIXTURE SCHEDULE							
FIXTURE	DESCRIPTION	MANUFACTURER & CAT. NO.	PIPING CONNECTIONS				REMARKS
			S/W	VENT	C.W.	H.W.	
P-1	TOILET - FLOOR MOUNTED	AMERICAN STANDARD NO. 2467.016	4"	2"	1/2"	N/A	FLOOR MOUNTED, FLUSH TANK TYPE, PRESSURE ASSIST FLUSHING SYSTEM, 1.6 GPF, CHURCH NO. 534.016 SOLID TOP, ELONGATED VITREOUS CHINA, ADA COMPLIANT.
P-2	LAVATORY - WALL MOUNTED	AMERICAN STANDARD NO. 0321.075	2"	2"	1/2"	1/2"	PROVIDE WITH CERAMIX 2000.100 FAUCET WITH 0.5 GPM AERATOR AND MCGUIRE "PROWRAP" MODEL PW 2125 WC OFF-SET WASTE WITH P-TRAP, GRID WASTE AND SUPPLIES ALL COATED WITH SEAMLESS ANTI-MICROBIAL PIPE INSULATOR MADE OF PVC RESIN, TEMPERING VALVE, TACO 5120 OR EQUAL TO MAINTAIN 110°F OR LESS TO LAVATORY.
P-3	WATER FOUNTAIN - WALL MOUNTED, ADA	ELKAY EZOSTL8L2JOC	2"	2"	1/2"	N/A	WALL MOUNTED, HI-LO WATER FOUNTAIN WITH FRONT/SIDE TOUCH PADS, 6 GPH CAPACITY, ADA COMPLIANT, 50 DEGREE F SUPPLY WATER.
P-4	MOP SINK	CRANE PLUMBING MODEL MSB2424	3	2"	1/2"	1/2"	FURNISH WITH FIAT #830-AA FAUCET, 24X24X10 MOP BASIN, WHITE.
WCO	WALL CLEANOUT	JOSAM SERIES 58910	SEE DWG	N/A	N/A	N/A	PROVIDE WITH GAS-TIGHT, WATER-TIGHT ABS PLUG
FCO	FLOOR CLEANOUT	JOSAM SERIES 58360	SEE DWG	N/A	N/A	N/A	PROVIDE WITH GAS-TIGHT, WATER-TIGHT ABS PLUG

1. ACCEPTABLE ALTERNATE MANUFACTURERS INCLUDE KOHLER AND TOTO.
2. SUBMIT CUT SHEETS OF PLUMBING FIXTURES TO ARCHITECT FOR APPROVAL BEFORE ORDERING.



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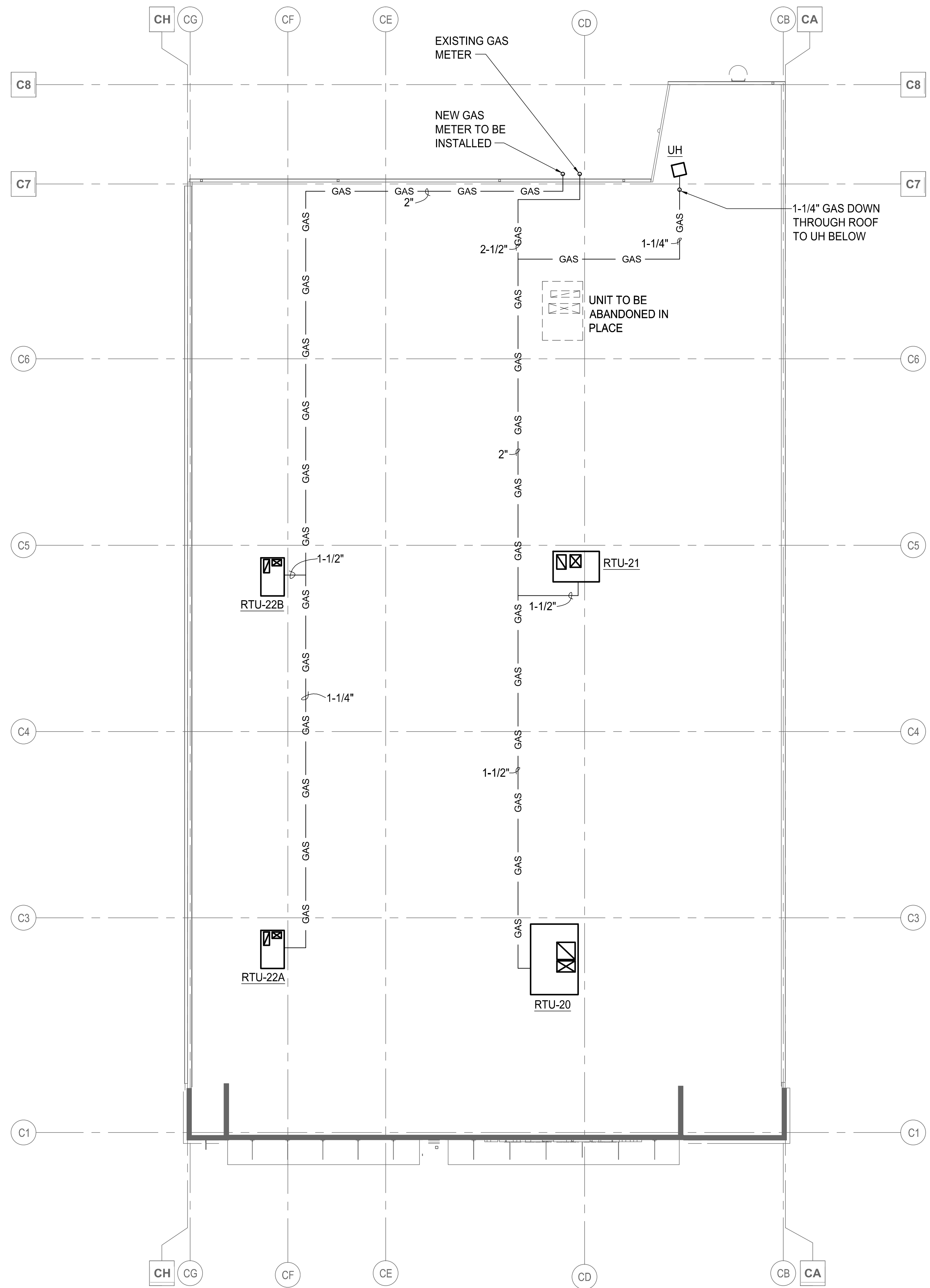
Revisions	Date	Description

Date: 13 MARCH 2018
 Project No.: 2017259.00
 Sheet Title: NEW FLOOR PLAN - PLUMBING

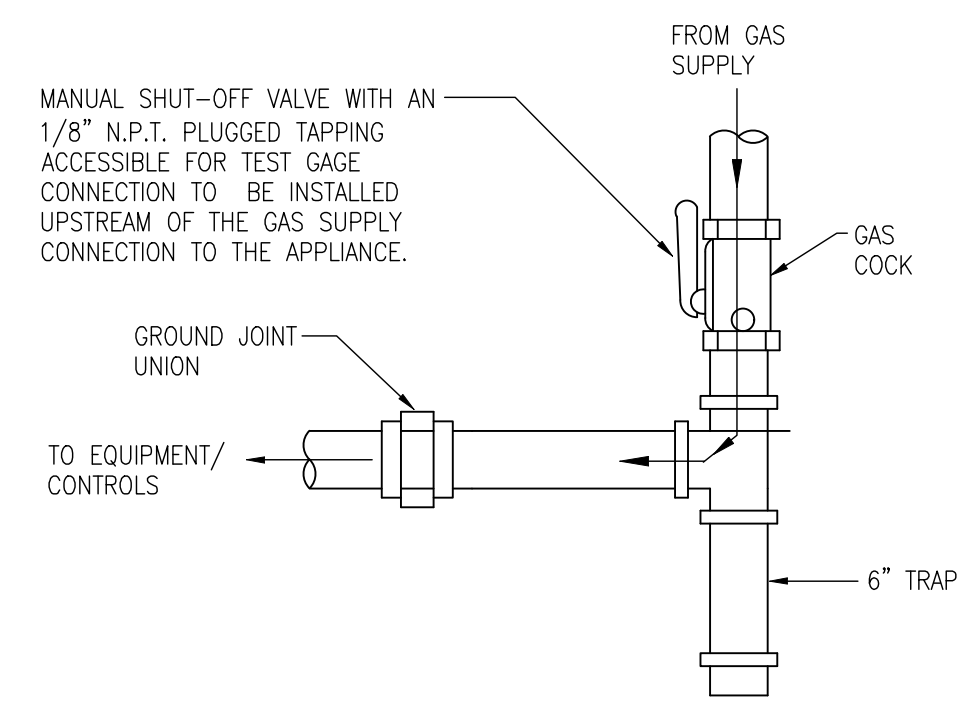


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Sheet No.
P-102
 Released for Construction
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1 NEW ROOF PLAN - PLUMBING
 P-103 SCALE: 3/32" = 1' - 0"



2 GAS CONNECTION TO EQUIPMENT
 P-103 SCALE: NOT TO SCALE

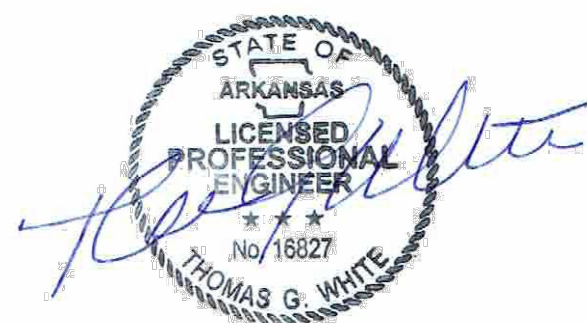
GAS PIPE SIZING SUMMARY		
SIZING BASED ON NATURAL GAS AT 0.6 SPECIFIC GRAVITY AT LESS THAN 2 PSI DELIVERY PRESSURE (13\"/>		
	TENANT B	5 BELOW
MBH INPUT (SPACE HEATING)	430	660
MBH INPUT (FOR FUTURE TENANT USE)	100	0
DEVELOPED LENGTH (FEET)	240	200
GAS PRESSURE AT APPLIANCE	13\"/>	



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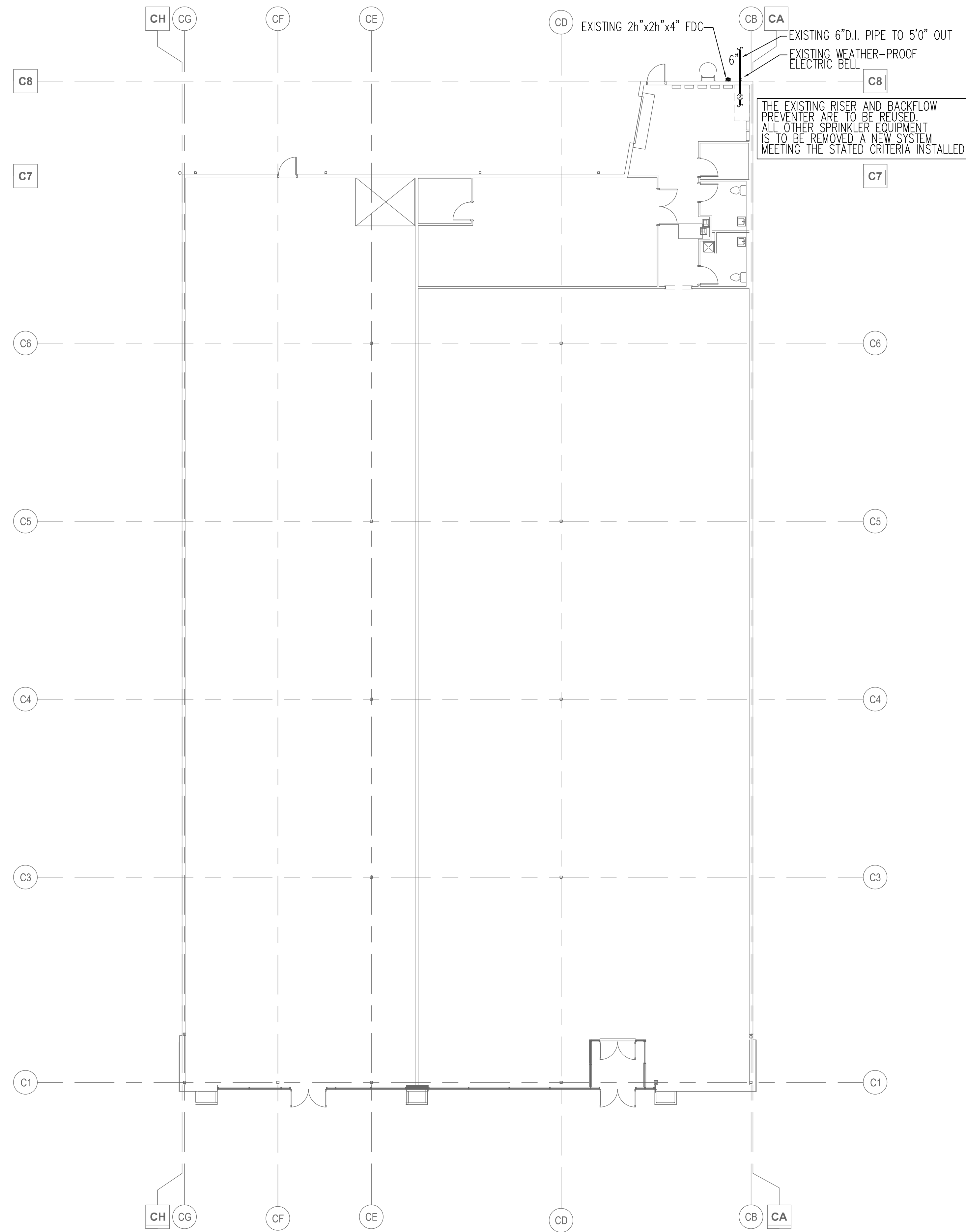
Revisions		

Date: 13 MARCH 2018
 Project No.: 2017259.00

Sheet Title: NEW ROOF PLAN - PLUMBING

Sheet No.: P-103

Released for Construction
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FIRE PROTECTION GENERAL NOTES

1. THIS BUILDING SHALL BE PROTECTED WITH A WET PIPE SPRINKLER SYSTEM DESIGNED PER THE CURRENTLY ACCEPTED EDITION OF NFPA #13, #24, THE INTERNATIONAL BUILDING CODE, THE INTERNATIONAL FIRE CODE, THE STATE FIRE MARSHAL, THE LOCAL AUTHORITY HAVING JURISDICTION, THE OWNERS INSURANCE UNDERWRITER, AND THESE DOCUMENTS.
2. THE EXISTING SPRINKLER SYSTEM SHALL BE REMOVED BACK TO THE TOP OF THE RISER. A NEW SPRINKLER SYSTEM HYDRAULICALLY DESIGNED TO THE AVAILABLE CITY WATER SUPPLY SHALL BE INSTALLED IN THE SPACE. THE CONTRACTOR SHALL HAVE A CURRENT WATER FLOW TEST (LESS THAN THREE MONTHS OLD) PERFORMED PRIOR TO STARTING DESIGN. THE CONTRACTOR SHALL ALSO HAVE A 24 HOUR WATER TEST PERFORMED AT THE SAME TIME AS THE FLOW TEST. THIS TEST SHALL BE USED TO ADJUST THE STATIC AND RESIDUAL PRESSURES TO USE FOR HIS CALCULATIONS.
3. SPRINKLER HEADS INSTALLED IN LAY-IN ACOUSTICAL TILE CEILINGS SHALL BE INSTALLED IN THE CENTER OF THE CEILING TILES.
4. THE SHOP DRAWINGS SHALL BE ON A (MINIMUM) SCALE OF 1/8"=1'-0". BUILDING SECTIONS, RISER DETAILS, TEST/DRAIN ASSEMBLIES AND OTHER DETAILS SHALL BE ON AT (MINIMUM) SCALE OF 1/2"=1'-0". THESE DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR HIS REVIEW AND COMMENTS PRIOR TO ORDERING, PURCHASING, FABRICATING, AND OR INSTALLING ANY FIRE PROTECTION EQUIPMENT. SHOP DRAWINGS SHALL ALSO BE SUBMITTED TO THE LOCAL AND STATE AUTHORITIES HAVING JURISDICTION AND THE OWNERS INSURANCE UNDERWRITER FOR THEIR REVIEW AND APPROVAL PRIOR TO ORDERING, PURCHASING, FABRICATING, AND OR INSTALLING ANY FIRE PROTECTION EQUIPMENT. THE SHOP DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE STAMPED BY THE SPRINKLER CONTRACTORS CERTIFICATE HOLDER, OR ENGINEER PRIOR TO SUBMITTAL.
5. THE CONTRACTOR SHALL COORDINATE THE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL FIRE PROTECTION EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREON.
6. THE SPRINKLER SYSTEM SHALL BE DESIGNED WITH A 10 PSI SAFETY MARGIN.
7. THE SPRINKLER SYSTEM SHALL BE DESIGNED FOR AN ORDINARY HAZARD GROUP II OCCUPANCY (.18 GPM PER SQ. FT. OVER THE MOST HYDRAULICALLY REMOTE 2500 SQ. FT. PLUS 250 GPM FOR HOSE STREAMS.). ALL SPRINKLERS SHALL BE QUICK RESPONSE HOWEVER A REDUCTION IN THE REMOTE AREA FOR THE USE OF QUICK RESPONSE SPRINKLERS IS NOT ALLOWED. THE HYDRAULIC CALCULATIONS SHALL BE PREPARED USING THE AREA DENSITY METHOD. HOWEVER AS STATED BEFORE THE HYDRAULICALLY REMOTE AREA SHALL NOT BE REDUCED BELOW 2500 SQ. FT. FOR THE SYSTEM. THE SPRINKLERS SHALL BE SPACED TO ANY AND ALL OBSTRUCTIONS. EXTENDED COVERAGE SPRINKLERS CAN NOT BE USED! ALL SPRINKLERS SHALL BE INSTALLED ON 1" OUTLETS WITH NIPPLES AND REDUCING COUPLINGS. THE MINIMUM PIPE SIZE PIPE SIZE SHALL BE 1-1/4". EXCEPT PIPES SUPPLYING ONLY ONE(1) SPRINKLER HEAD MAY BE 1" IF A GRID SYSTEM IS USED THE MINIMUM BL SIZE SHALL BE 1-1/2". IF THE SPACE IS SPRINKLED AS A SHELL SPACE THE SPRINKLER SPACING IN SHELL AREAS SHALL BE LIMITED TO 100 SQ. FT. PER SPRINKLER ON 1" OUTLETS.
8. PIPE SLEEVES SHALL BE SET FOR CONCRETE FLOORS AND FIRE WALLS PRIOR TO BEING THEM BEING POURED OR CONSTRUCTED.
9. ALL HOLES THROUGH FIRE WALLS SHALL BE CAULKED WITH SUITABLE MATERIALS APPROVED FOR THAT PURPOSE.
10. ALL FIRE PROTECTION EQUIPMENT SHALL BE INSTALLED ACCORDING TO THE MANUFACTURE'S RECOMMENDATIONS AND NFPA.
11. ALL CONTROL VALVES SHALL HAVE A TAMPER SWITCH SUPPLIED AND INSTALLED BY THE SPRINKLER CONTRACTOR. WIRING OF THE SWITCHES WILL BE BY THE ELECTRICAL CONTRACTOR.
12. ALL SPRINKLER PIPING SHALL BE INSTALLED ABOVE THE CEILINGS WHERE CEILINGS ARE TO BE INSTALLED AND AS HIGH AS IS POSSIBLE IN AREAS WITHOUT FINISHED CEILINGS. THE SPRINKLER PIPING CANNOT BE BELOW 12'6". SPRINKLERS SHALL BE SPACED TO THE BUILDING STRUCTURE AND OTHER BUILDING COMPONENTS AS REQUIRED BY NFPA.
13. WHERE THE REQUIREMENTS OF OWNERS AND THE OWNERS INSURANCE UNDERWRITERS AND THESE DOCUMENTS EXCEED THOSE OF THE NATIONAL FIRE CODES AND THE BUILDING CODE THEY SHALL PREVAIL.
14. 1" THROUGH 1-1/2" PIPE SHALL BE SCHEDULE 40. 2" AND LARGER PIPE MAY BE SCHEDULE 10 OR SCHEDULE 7. THREADABLE LITE WALL PIPE SHALL "NOT" BE USED.
15. SPRINKLERS HEADS SHALL BE:
 - A. BRASS UPRIGHT OR PENDENT ON 1" SPRIGS OR DROPS IN AREAS OF EXPOSED STRUCTURE.
 - B. FULLY CONCEALED PENDENT IN AREAS WITH CEILINGS.
 - C. EXTENDED COVERAGE SPRINKLERS SHALL NOT BE USED.
16. A PROPERLY COMPLETED CONTRACTORS MATERIAL AND TEST CERTIFICATE SHALL BE PROVIDED FOR THE INSIDE PORTION OF THE SYSTEM.
17. THE SPRINKLER SYSTEMS SHALL BE HUNG, SUPPORTED, IN ACCORDANCE WITH NFPA #13. HANGER LOCATIONS SHALL BE SHOWN ON THE SUBMITTAL DRAWINGS AT THE LOCATIONS THEY ARE REQUIRED TO BE PER NFPA 13.

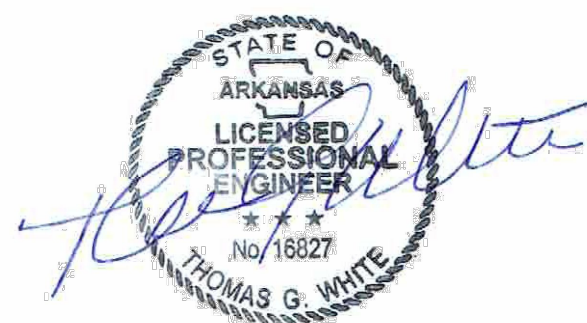
1 FLOOR PLAN - FIRE PROTECTION
 FP-101 SCALE: 3/32" = 1' - 0"



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Print Record
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Revisions	Date	Description

Date: 13 MARCH 2018
 Project No.: 2017259.00
 Sheet Title: FLOOR PLAN - FIRE PROTECTION

Sheet No.: **FP-101**
 Released for Construction
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HOPE
CONSULTING
ENGINEERS - SURVEYORS

Monday November 11, 2022

Truett Smith
City of Bryant
210 Southwest Third St., Bryant, AR 72022

RE: United Traders, Inc.
2303 and 2209 Ridgecrest Dr.
Bryant, Arkansas
Rezone parcels 840-07878, 840-07879, 840-07880 (Hope Job #22-1234)

Dear Mr. Truett Smith,

I represent United Traders, Inc, in the above-captioned matter. United Traders is formally applying for a rezone of the attached property. This property is located in the City of Bryant at 2303 and 2209 Ridgecrest Dr. I ask that the City of Bryant start the review and approval process for the rezone of this property located at aforementioned address'.

Please feel free to contact me with any questions or concerns or if I can be of any further assistance.

Sincerely,


Jonathan Hope

117 South Market St. Benton, Arkansas 72015
501-315-2626
www.hopeconsulting.com



City of Bryant, Arkansas
Community Development
210 SW 3rd Street Bryant, AR 72022
501-943-0943

Rezoning Application

Applicants are advised to read the Amendments section of Bryant Zoning Code prior to completing and signing this form. The Zoning Code is available at www.cityofbryant.com under the Planning and Community Development tab.

Date: Nov. 11, 2022

Applicant or Designee:

Name Hope Consulting
Address 117 So. Market St., Benton, AR
Phone 501-315-2626
Email Address Jonathan@hopeconsulting.com

Property Owner (If different from Applicant):

Name United Traders, Inc.
Address 281 Newman Dr., North Little Rock, AR. 72117
Phone 501-945-9955
Email Address _____

Property Information:

Address 2303 and 2209 Ridgecrest Dr., Bryant, AR
Parcel Number 840-07878, 840-07879, 840-07880
Existing Zoning Classification R-X
Requested Zoning Classification C-2

Legal Description (If Acreage or Metes and Bounds description, please attach in a legible typed format)
Parcels 840-07878, 840-07879, 840-07880

Application Submission Checklist:

- Letter stating request of zoning change from (Current Zoning) to (Requested Zoning) and to be placed on the Planning Commission Agenda
- Completed Rezoning Application
- Rezoning Application Fee (\$40 fee for lot and block descriptions or \$125 for acreage or metes and bound descriptions)
- If someone, other than the owner, will be handling the zoning process, we will require a

letter from the owner of said property, giving him or her authority to do so.

- Recent surveyed plat of the property including vicinity map

Additional Requirements:

*Items below **must be completed before the public hearing can occur.** Failure to provide notices in the following manners shall require delay of the public hearing until notice has been properly made.*

- Publication: Public Notice shall be published by the applicant at least one (1) time fifteen (15) days prior to the public hearing at which the rezoning application will be heard. Once published please provide a proof of publication to the Community Development office. (Sample notice attached below)
- Posting of Property: The city shall provide signs to post on the property involved for the fifteen (15) consecutive days leading up to Public hearing. One (1) sign is required for every two hundred (200) feet of street frontage.
- Notification of adjacent landowners: Applicant shall attempt to inform by certified letter, return receipt requested, all owners of land within three hundred (300) feet of any boundary of the subject property of the public hearing. (Sample letter attached below)
- Certified list of property owners, all return receipts, and a copy of the notice shall be provided to the Community Development Department at least five (5) days prior to the public hearing.

Note: that this is not an exhaustive guideline regarding the Conditional Use Permit Process. Additional information is available in the Bryant Zoning Ordinance.

READ CAREFULLY BEFORE SIGNING

I _____, do hereby certify that all information contained within this application is true and correct. I further certify that the owner of the property authorizes this proposed application. I understand that I must comply with all City Codes that pertain to this project and that it is my responsibility to obtain all necessary permits as needed.

NOTICE OF PUBLIC HEARING

A public hearing will be held on Monday, _____ at 6:00 P.M.
at the Bryant City Office Complex, 210 Southwest 3rd Street, City of Bryant, Saline
County, for the purpose of public comment on a conditional use request at the site of
_____(address).

A legal description of this property can be obtained by contacting the Bryant Department
of Community Development.

Rick Johnson
Chairman Board of Zoning Adjustment
City of Bryant

*This notice is to be run in the legal notices section of the Saline Courier
no less than 15 days prior to the public hearing.*

SAMPLE LETTER

Date

Name

Address

RE: Rezoning Petition

The property located at _____ is being considered for rezoning from _____ to _____. The property is more particularly described as follows:

INSERT LEGAL DESCRIPTION OF PROPERTY

An application has been filed with the City of Bryant Planning Commission to rezone the property. As part of this process, a public hearing will be held on Monday _____, 2021 at 6:00 PM in the Boswell Community Center Courtroom, 210 SW 3rd Street, Bryant, AR 72022.

Public comments will be accepted at that time regarding this rezoning. Since you own property within 300 feet of the property in consideration, you have been sent this letter via certified mail as required by city ordinance.

Should you have any questions regarding this matter you may contact the City of Bryant at 501-943-0857 or by contacting me at _____.

Thank you for your consideration in this matter.

Sincerely,

Your Signature

Your Name



N Reynolds Rd

Center St

South St

Ridgecrest Dr

Dell Dr

Roya Ln

840-12641-004
1.21

840-12641-002
1.42

840-12643-002
3.09

840-12644-000
1

840-12644-001
0.68

840-12645-003
0.68

840-12645-005
1.54

840-12647-000
1.2

840-12652-000

840-12651-000
43

840-12650-000

840-12653-000
14

840-12641-003
14.4

840-12643-000
7.24

REZONE



840-07874-000
1.02

840-07875-000
0

840-07876-000
0

840-07877-000
0

840-07878-000
0

840-07879-000
0.64

840-07880-000
1.33

840-07839-000

840-07829-000
0

840-07830-000

840-07824-000
0

840-07822-000
0

Bryant Planning Commission

Subdivision Replat Checklist

Approved by
Bryant Planning Commission

Instructions

The attached checklist must be completed by the property owner and must be submitted along with the Plat Plan and other specified documentation for review and approval by the Planning Commission. The owner may not begin developing the property until the Replat plan is approved.

No changes or alterations can be made to the approved Plat Plan without Planning Commission approval.

Fees due to City of Bryant upon submission of Final Re-Plat application

- \$25.00 + \$1.00 per lot - for Plat review

Planning Commission requires that you furnish the City of Bryant with a copy of the amended recorded plat within one month of approval.

City of Bryant Subdivision Replat Checklist

Subdivision Name SHERWOOD PARK
Contact Person SCOTT FOSTER Phone 501-690-1046
Mailing Address 1926 SALEM ROAD BENTON 72019

I. BASIC INFORMATION NEEDED ON THE PLAT

- ▲ 1. Name of Subdivision
- ▲ 2. Name and Address of owner of Record
- ▲ 3. Date of Survey
- ▲ 4. Vicinity map locating streets, highways, section lines, railroad, schools, & parks within ½ mile
- ▲ 5. New lot and block numbers
- ▲ 6. Lot area in square feet
- ▲ 7. Lot lines with appropriate dimensions
- ▲ 8. Building setback lines
- ▲ 9. Certificate of Surveying Accuracy
- ▲ 10. Certificate of Owner
- ▲ 11. Certificate of Final Plat Approval
- ▲ 12. Certificate of Recording
- ▲ 13. Show scale (not less than 1" = 100')
- ▲ 14. North Arrow
- ▲ 15. Show Title block
- ▲ 16. Layout of all proposed streets including traffic control devices (stop signs, speed limit, etc.)
- ▲ 17. Layout of all proposed sidewalk systems
- ▲ 18. Layout identifies any FEMA flood plain and flood way property within the 100-year flood elevation. (Provide Corp of Engineers 404 Permit if required)
- ▲ 19. Drainage easements for stormwater run-off and detention giving dimensions, locations, and purpose
- ▲ 20. Any proposed open space must be shown
- ▲ 21. Show the direction and flow of all water courses entering the tract
- ▲ 22. Show the direction and flow of all water courses leaving the tract

III. FINAL PLAT ATTACHMENTS

(APPLICATION WILL NOT BE ACCEPTED UNTIL ALL ATTACHMENT REQUIREMENTS ARE MET)

- ▲ 23. Letter to Planning Commission stating your request
- ▲ 24. Completed Checklist
- ▲ 25. 20 copies of current lot Plan (folded)
- ▲ 26. 20 copies of Final replat Plan (folded) that includes vicinity map (minimum size 17" X 34" paper)
- ▲ 27. Check for \$25.00 + \$1.00 per lot for final Subdivision Replat fee

I HAVE COMPLIED WITH THE REQUIREMENTS LISTED ABOVE AND HAVE CHECKED ALL OF THE BOXES ON THE CHECKLIST WHICH APPLY TO THIS PROJECT SUBMITTAL.

Scott Foster For owner
Owner Signature

Engineer Signature



ARKANSAS SURVEYING
& CONSULTING

**1926 Salem Road, Benton, AR 72019
501-794-4500 (Phone) 501-794-4501 (FAX)**

To: City Of Bryant Planning Commission

Please accept this letter along with 20 copies of Sherwood Park Subdivision. We wish to place this plat on the agenda for the December 15th Planning Commission meeting.

I have complied with the requirements listed on the subdivision checklist for subdivision approval. Thank you for your time for review.

Marion Scott Foster 12/05/2022

CERTIFICATE OF FINAL SURVEYING ACCURACY:

I, MARION SCOTT FOSTER, HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS A SURVEY AND A PLAN OF IMPROVEMENTS MADE BY ME OR UNDER MY SUPERVISION; THAT ALL MONUMENTS SHOWN HEREON ACTUALLY EXIST AND THEIR LOCATION, SIZE, TYPE AND MATERIAL ARE CORRECTLY SHOWN; AND THAT ALL REQUIREMENTS OF THE PULASKI COUNTY SUBDIVISION RULES AND REGULATIONS HAVE BEEN FULLY COMPLIED WITH.

DATE OF EXECUTION _____ NAME: _____
 MARION SCOTT FOSTER
 PROFESSIONAL SURVEYOR, NO. 1467
 ARKANSAS

CERTIFICATE OF FINAL PLAT APPROVAL

PURSUANT TO THE CITY OF BRYANT SUBDIVISION RULES AND REGULATIONS, THIS DOCUMENT WAS GIVEN APPROVAL BY THE BRYANT PLANNING COMMISSION AT A MEETING HELD _____ 2022. ALL OF THE CONDITIONS OF APPROVAL HAVING BEEN COMPLETED. THIS DOCUMENT IS HEREBY ACCEPTED, AND THIS CERTIFICATE EXECUTED UNDER THE AUTHORITY OF SAID RULES AND REGULATIONS.

DATE OF EXECUTION _____ SIGNED _____
 BRYANT PLANNING
 COMMISSION

CERTIFICATE OF OWNER

WE, THE UNDERSIGNED, OWNERS OF THE REAL ESTATE, SHOWN AND DESCRIBED HEREIN, DO CERTIFY THAT WE HAVE CAUSED TO BE LAID OFF, PLATTED, AND SUBDIVIDED, AND TO HEREBY LAY OFF, PLAT, AND SUBDIVIDED SAID REAL ESTATE IN ACCORDANCE WITH THE PLAT.

DATE OF EXECUTION _____

OWNER / DEVELOPER
 CARLTON FINNEY
 2925 CEDAR PARK STREET
 BRYANT, ARKANSAS 72019
 SOURCE OF TITLE BOOK 204 PAGE 503

CERTIFICATE OF RECORDING

THIS DOCUMENT, NUMBER _____, IS FILED FOR RECORD ON THIS _____ DAY OF _____ 20____ AT _____ AM/PM. IN PLAT OR DEED BOOK _____ PAGE _____

SIGNED _____
 TITLE _____
 FOR BILL OF ASSURANCE SEE DEED RECORD BOOK _____ PAGE _____

LEGEND

- POWER POLE _____
- LIGHT POLE _____
- SIGN _____
- WATER VALVE _____
- WATER METER _____
- SANITARY SEWER MAN-HOLE _____
- TELEPHONE PEDESTAL _____
- FIRE HYDRANT _____
- GAS METER _____
- DROP INLET GRATE _____
- HANDICAP PARKING _____
- COMPUTED POINTS _____
- CONCRETE _____ CONC.
- GUY WIRE ANCHOR _____ G.W.A.
- POINT OF BEGINNING _____ P.O.B.
- ELEVATION _____ ELEV.



VICINITY MAP (NOT TO SCALE)

NOTES

SURVEY BEARINGS ARE BASED ON GRID NORTH AR STATE PLANE SOUTH ZONE AS DETERMINED BY GPS

THE BEARINGS SHOWN ON THIS PLAT ARE ASSUMED AND ARE TO BE USED TO DEFINE THE GENERAL DIRECTION AND TRUE ANGLES AT INTERSECTION OF PROPERTY AND LAND LINES.

TRACT IS SUBJECT TO EASEMENTS, RESTRICTIVE COVENANTS, SUBDIVISION RESTRICTIONS, AND PLANNING AND ZONING REGULATIONS OF RECORD, IF ANY, AND IS SUBJECT TO SUCH FACTS AS AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.

NO STATEMENT IS MADE AS TO THE EXISTENCE OR LOCATION, EXCEPT WHERE SHOWN OF ANY PROPERTY CORNER MONUMENTS.

NO STATEMENT IS MADE CONCERNING SUBSURFACE CONDITIONS.

CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MEASUREMENTS PRIOR TO BEGINNING CONSTRUCTION. (IF APPLICABLE).

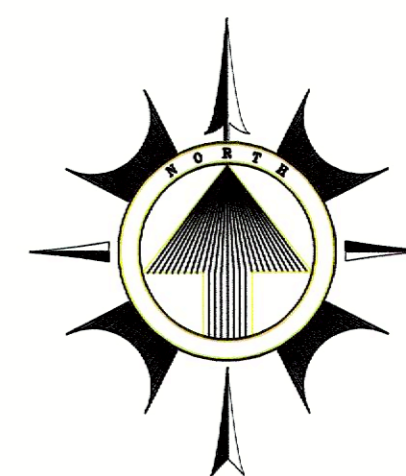
SURVEY VALID ONLY IF PRINT HAS ORIGINAL SEAL AND SIGNATURE OF SURVEYOR IN RED PRESENT ON IT.

UTILITIES NOT FIELD VERIFIED. NO OTHER STATEMENT IS MADE AS TO UTILITY EXISTENCE OR LOCATION.

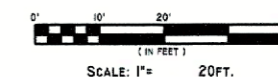
I CERTIFY THAT THE ABOVE DESCRIBED PROPERTY HAS BEEN SURVEYED, CORNER MONUMENTS HAVE BEEN ESTABLISHED IN ACCORDANCE WITH EXISTING MONUMENTATION IN THE AREA AND IMPROVEMENTS IF ANY ARE AS SHOWN HEREON.

DECLARATION IS MADE TO ORIGINAL PURCHASER OF THE SURVEY. IT IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

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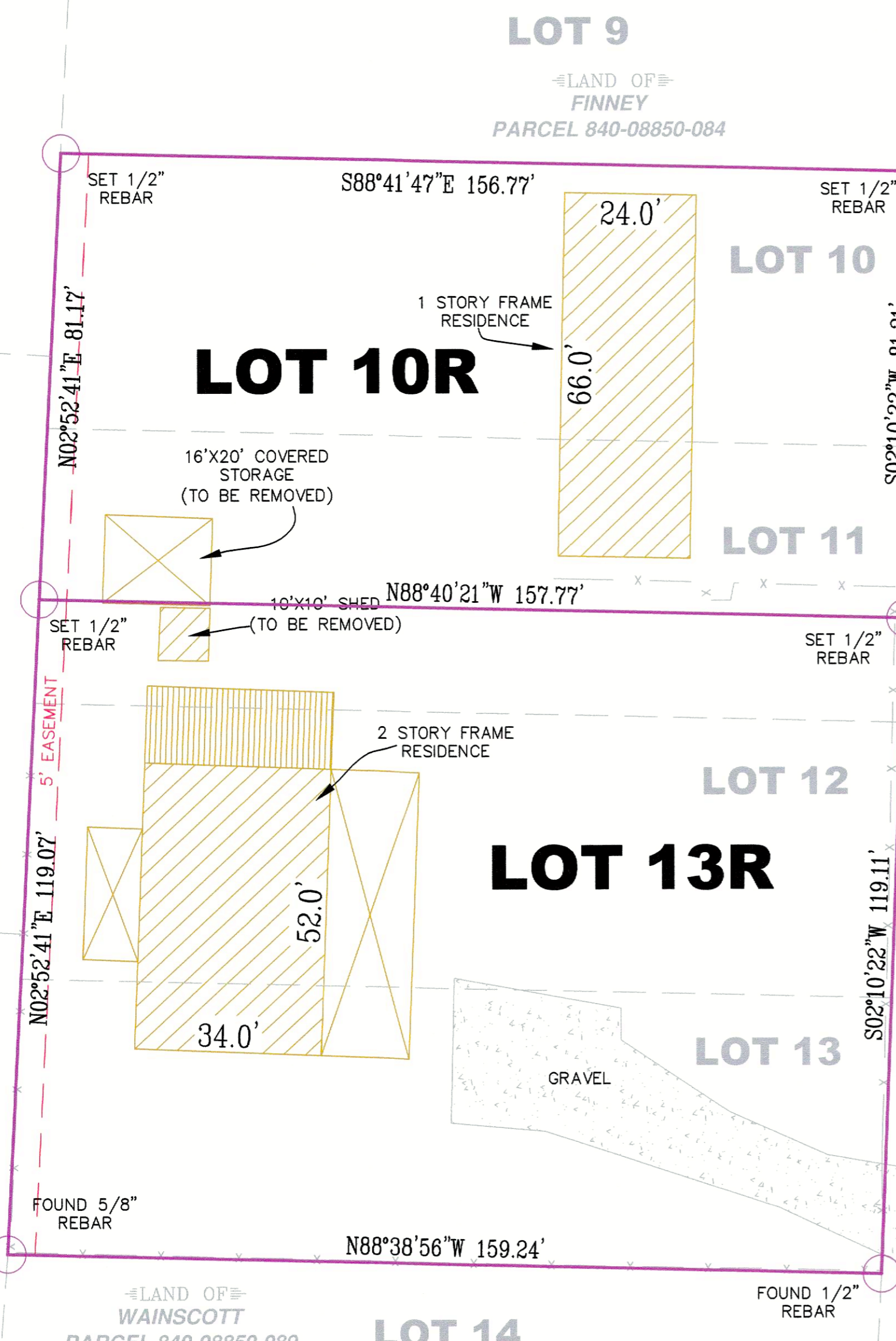


BASIS OF BEARING:
 NAD-83 GRID NORTH
 ARSP SOUTH ZONE.

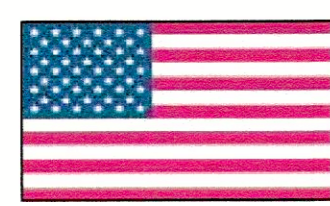


HURRICANE HEIGHTS SUBDIVISION

CEDAR PARK STREET



**FINAL PLAT OF
 LOTS 10R AND 13R
 SHERWOOD PARK SUBDIVISION
 BEING REPLAT OF
 LOTS 10, 11, 12 AND 13 SHERWOOD PARK SUBDIVISION
 TO THE CITY OF BRYANT
 SALINE COUNTY, ARKANSAS**



DATE: 12-05-2022
 SCALE: 1" = 20'
 DRAWN BY: MSF
 CHECKED BY: MSF
 FILE NAME: HURRICAN HEIGHTS

ASC ARKANSAS SURVEYING & CONSULTING
 1926 SALEM ROAD
 BENTON, ARKANSAS 72019
 TELE. OFFICE (501) 794-4500
 CLARENDON ARKANSAS, 72029
 TELE OFFICE (870) 747-1761
 WEB SITE: ascsurveyors.com

CARLTON FINNEY
 CEDAR PARK STREET
 BRYANT, ARKANSAS
 FINAL PLAT