



Addendum No. 1

Project: **Spindletop Silsbee**
Spindletop Center

Date: **3/7/2022**

All bidders are herewith notified of the following additions, deletions, changes or clarifications to the drawings dated 2/28/2022 and shall be acknowledged as received on the proposal.

See attached Pre-Bid Attendees' List

Project Manual:

1. See attached Bid Form with Alternate #1.

Drawings:

2. G00R1 - See Revised Sheet Index
3. EC100 – Added Energy Compliance Code Sheet
4. C001R1 – Revised plumbing main sewer connection.
5. C100R1 – Revised plumbing main sewer connection.
6. C101- Added new sheet - Site Grading Plan
7. C102 - Added new sheet - Concrete Joint Plan
8. C103 - Added new sheet - New Site Plan – Alternate #1 to remove and replace front parking lot.
9. A001R1 – Revised demolition plan showing new main sewer connection.
10. A100R1, A100R1, A103R1
 - a. Added locations of (3) semi-recessed fire extinguisher cabinets, each with a 10 lb. multi-purpose fire extinguisher.
 - b. Added location of (1) Class K 6 Liter wall hung fire extinguisher in Kitchen Classroom 142.
 - c. Added Keynote #8: Appliances are furnished and installed by Owner except for Vented Hood by Mech Contractor.
11. A200R1
 - a. Exterior Door Type B shall be 18 Ga. insulated with Polystyrene having a minimum R-Value of 2.8.
 - b. Window Type 1 shall read as 2x6 Bronzed Anodized Aluminum Storefront Window.
12. A600R1, A601R1, A602R2

- a. Revise Keynote #12 to read as R-Panels on exterior walls shall be 26 Ga. 36" coverage with ribs at 12" Centers, Kynar paint finished.
 - b. Delete Keynote #15
13. A704R1, A705R1, A706R1, A707R1, A708R1, A709R1, A710R1, A710R1 and A711R1
- a. Change closed cell insulation on bottom of roof deck to R-38, and exterior walls to R-20.
 - b. Revise keynote # 26 to read "Existing R-panel metal roof to remain. Remove all existing weatherhead screws and replace with new cupped washer head stainless steel weatherhead screws with neoprene rubber.
14. A901R
- a. Added note on roof plan to remove all existing weatherhead screws and replace with new cupped washer head stainless steel weatherhead screws with neoprene rubber.
15. Sheet F101
Detail 2 Corner Guard CG-1- Delete note "Patient Station Cabinet 6 309, 8 307, 9 306, 11 304 C.G. from top of toe kick to bottom of solid surface
16. SN101R1 - Delete signage for FDC located adjacent to Door #3.
17. See attached Plumbing and Electrical Specifications and Drawings from M&E Consulting.

End of Addendum # 1



Date: 3/7/2022



CONSULTING

1304 BERTRAND DR. STE. F7
LAFAYETTE, LA 70506
337 234 7474
FAX | 337 234 7774
meconsulting.com

March 7, 2022

Ronald Jones
Architectural Alliance Incorporated
350 Pine Street, Suite 720
Beaumont, TX 77701

**Re: SPINDLETOP MHMR SILSBEE
M&E Project No.: 21167.00**

Ronald,

Please include the Mechanical and Electrical items on the following page or attached in your next addendum.

If you need additional information, please feel free to contact our office.

Sincerely,

Brent Trahan
Mechanical Designer
M&E Consulting, Inc.

Mechanical Specifications:

1. Section 22 13 29 – Sewer Lift Station
 - a. Include the new specification section to the construction documents.

Mechanical Drawings:

1. Sheet P100 – Plumbing Site Plan
 - a. Replace sheet P100 with revised sheet P100R1. See clouded area for changes.
2. Sheet P200 – Plumbing Demolition Plan
 - a. Replace sheet P200 with revised sheet P200R1. See clouded area for changes.
3. Sheet P300 – Plumbing Plan
 - a. Replace sheet P300 with revised sheet P300R1. See clouded area for changes.

Electrical Drawings:

1. Sheet E100 – Electrical Site Plan
 - a. Replace sheet E100 with revised sheet E100R1. See clouded area for changes.
2. Sheet E700 – Electrical Panel Schedules
 - a. Replace sheet E700 with revised sheet E700R1. See clouded area for changes.



350 Pine Street Suite 720
 Edison Plaza
 Beaumont, TX 77701
 Phone: 409.866.7196
 Fax: 409.866.1745

PRE-BID ATTENDEES' LIST

Project Number: 21061
Project Name: Spindletop MHMR Silsbee
Project Owner: Spindletop Center
Project Address: 222 Durdin Dr., Silsbee, TX 77656
Date / Time: Thursday, March 3, 2022 / 10:00 AM

NAME	COMPANY	EMAIL
Brian Shipp	SETEX	BrianS@setexconstruction
Adam Chapman	Chapman Industries	Adam@ChapmanIND.com
Mario Gorgano II	ICM, LLL.	mario.gorgano@ic-mechanical.com
Jeff Longlois	MHC Data.com Inc.	jlonglois@mhcdee.com
Clint Dennis	Angels Drywall	QualityATAngels.com
Elaine Gabbia	N+T Const	cgabbia@handtconstruction.com
Justin Taylor	Newton Elec.	JTaylor@NTNED.com
Todd Herring	Custom Flashing	ToddHerring72@C.Mail.com
Josh Champagne	Setx Plumbing	setxplumbing@C-mail.com
Blake Laughlin	M3 Ranger Builders	Blake@M3ranger.com
Jared Kotz	Dalk Construction	Kotzjared@gmail.com
Kevin May	CZ	Kevin@CZiglebaekco'y
Shase Partain	Daniels	daniels@danielsinc.com
Matthias Baggett	Air Comfort	mbaggett@aircomfort.AC
Hogan Gaudry	M&E Consulting	hogan@meconsulting.com
Daniel Hess	McInnis Construction	daniel@mcinnisprojects.com
Gary Hinote	Hinote plumbing	hinoteplbg@gt.rc.com
Aaron Jones	Mid County Plumbing	Aajones1293@gmail.com
Ben Newsom	mid county plumbing	ben@midcountyplumbing.com
Rafael Pagon	CP Construction	CP Construction and janitorial
Chuck Ditts	Air Services	C.D. H&P Air Services and more.com
Pat LaRocca	Jefferson Electric	je@jefferson-Electric.com
Jason Hermann	D+H Electrical	Dwayne@dhelectrictx.com
Colb Doucet	Air Comfort	cdoucet@AirComfort.A



THE AMERICAN INSTITUTE OF ARCHITECTS

DOCUMENT 004113 - BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

1.1 BID INFORMATION

- A. Bidder: _____.
- B. Project Name: Spindletop Silsbee .
- C. Project Location: 222 Durdin, Silsbee, Texas .
- D. Owner: Spindletop Center .
- E. Architect: Architectural Alliance Incorporated .
- F. Architect Project Number: 21060 .

1.2 CERTIFICATIONS AND BASE BID

- A. Base Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Architectural Alliance Incorporated and Architect's consultants, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

1. _____ Dollars (\$_____).

- B. Alternate #1: Remove and replace concrete parking lot. Add to Base Bid:

1. _____ Dollars (\$_____).

1.3 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 days after a written Notice of Award, if offered within 60 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

1. _____ Dollars (\$_____).

- B. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond.

1.4 SUBCONTRACTORS AND SUPPLIERS

- A. The following companies shall execute subcontracts for the portions of the Work indicated:

- 1. Concrete Work: _____.
- 2. Masonry Work: _____.
- 3. Roofing Work: _____.
- 4. Plumbing Work: _____.
- 5. HVAC Work: _____.
- 6. Electrical Work: _____.
- 7. Paint Work: _____.
- 8. Stucco Work: _____.
- 9. Glass and Glazing Work: _____.
- 10. Doors and Hardware: _____.
- 11. Flooring Work: _____.

1.5 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect, and shall fully complete the Work within _____ calendar days.

1.6 ACKNOWLEDGMENT OF ADDENDA

- A. The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

- 1. Addendum No. 1, dated _____.
- 2. Addendum No. 2, dated _____.
- 3. Addendum No. 3, dated _____.
- 4. Addendum No. 4, dated _____.

1.7 BID SUPPLEMENTS

- A. The following supplements are a part of this Bid Form and are attached hereto.

- 1. Bid Form Supplement - Allowances.
- 2. Bid Form Supplement - Bid Bond Form (AIA Document A310-2010).

1.8 SUBMISSION OF BID

- A. Respectfully submitted this ____ day of _____, 2022 .
- B. Submitted By: _____ (Name of bidding firm or corporation).
- C. Authorized Signature: _____ (Handwritten signature).
- D. Signed By: _____ (Type or print name).
- E. Title: _____ (Owner/Partner/President/Vice President).
- F. Street Address: _____.
- G. City, State, Zip: _____.
- H. Phone: _____.
- I. Federal ID No.: _____ (Affix Corporate Seal Here).

END OF DOCUMENT 004113

2018 INTERNATIONAL ENERGY CONSERVATION CODE COMPLIANCE SUMMARY

CLIMATE ZONE: 2A Hardin County (Warm-Humid) PRESCRIPTIVE METHOD: C402 - C406

INSULATION MATERIAL AND R-VALUES

ROOFS

INSULATION ENTIRELY ABOVE ROOF DECK: [NA, R25-c]

METAL BUILDINGS: [NA, R-19 + R-11-L5]

ATTIC AND OTHER: [NA, R-38]

WALLS, ABOVE GRADE

MASS: [NA, R-5.7-c]

METAL BUILDING: [NA, R13 + R-6.5-c]

METAL FRAMED: [NA, R-13 + R-5-c]

WOOD FRAMED: [NA, R-13 + R-3.8-c], [R-20]

WALLS, BELOW GRADE

NO REQUIREMENT

FLOORS

MASS: [NA, R-6.3-c]

JOIST FRAMING: [NA, R-39]

SLAB-ON-GRADE FLOORS

UNHEATED SLABS: NO REQUIREMENT

HEATED SLABS: [NA, R-7.5 FOR 12" BELOW]

OPAQUE DOORS: [NA, R-4.75]

FENESTRATION

VERTICAL

FIXED FENESTRATION: U-FACTOR 0.50 MIN, 0.29 ACTUAL
 OPERABLE FENESTRATION: U-FACTOR 0.65 MIN, 0.33 ACTUAL
 ENTRANCE DOORS: U-FACTOR 0.83 MIN, 0.29 ACTUAL

PF = [0.27]

MINIMUM REQUIREMENTS

SHGC	SEW	N
PF < 0.2	[0.25, NA]	[0.33, NA]
0.2 < PF < 0.5	[0.30, NA]	[0.37, NA]
PF ≥ 0.5	[0.40, NA]	[0.40, NA]

SHGC ACTUAL: 0.29

SKYLIGHTS

U-FACTOR [NA, 0.65 MIN, 0.33 ACTUAL]

SHGC [NA, 0.35 MIN, 0.33 ACTUAL]

ROOF SOLAR REFLECTANCE AND THERMAL EMITTANCE (3-YEAR), OR SOLAR REFLECTANCE INDEX (3-YEAR) FOR LOW SLOPE ROOFS C402.3
 R aged = 0.9X (3-year aged solar reflectance min. 0.55, and 3-year aged thermal emittance min. of 0.75)

CALCULATED % OF WINDOWS IN EACH EXTERIOR WALL C402.4

Max. allowable % window openings in exterior walls - 30% C402.4.1

[Not more than 40% of the gross above-grade wall area shall be permitted to be vertical fenestration, provided all of the following requirements are met]

- Building not greater than 2 story above grade, not less than 50% of the net floor area is within a daylight zone. [NA] [Complies] [Not Compliant]
- Building not greater than 3 or more stories above grade, not less than 50% of the net floor area is within a daylight zone. [NA] [Complies] [Not Compliant]
- Daylight responsive controls complying with C405.2.3.1 are installed in daylight zones. [NA] [Complies] [Not Compliant]
- Visible Transmittance (VT) of vertical fenestration is not less than 1.1 times solar heat gain coefficient (SHGC). [NA] [Complies] [Not Compliant]

Maximum allowable area of skylight area - 3% of gross roof area

ACTUAL FENESTRATION CALCULATIONS:

NORTH WALL(S):	15 %	<30% COMPLIES
SOUTH WALL(S):	0 %	<30% COMPLIES
EAST WALL(S):	0 %	<30% COMPLIES
WEST WALL(S):	0 %	<30% COMPLIES
ROOF SKYLIGHT	0 %	<03% COMPLIES

MINIMUM SKYLIGHT FENESTRATION AREA C402.4.2

Enclosed space greater than 2,500 SF floor area directly under roof?
 YES X NO
 Skylight Not Required

75% of ceiling area with ceiling height greater than 15 feet
 YES X NO
 Skylight Not Required

Uses as an office, lobby, atrium, concourse, corridor, storage space, gymnasium/exercise center, convention center, automotive service area, manufacturing space, nonrefrigerated warehouse, retail store, distribution/sorting area, transportation depot or workshop
 YES X NO
 Skylight Not Required

TOTAL DAYLIGHT ZONE UNDER SKYLIGHTS SHALL BE OF NOT LESS THAN 3% WHERE SKYLIGHTS HAVE A VT OF AT LEAST 0.40

OR

= MINIMUM SKYLIGHT EFFECTIVE APERTURE OF AT LEAST 1%,
 = 0.85 x Skylight Area x Skylight VT x WF
 Daylight Zone Under Skylight

WF (well factor)

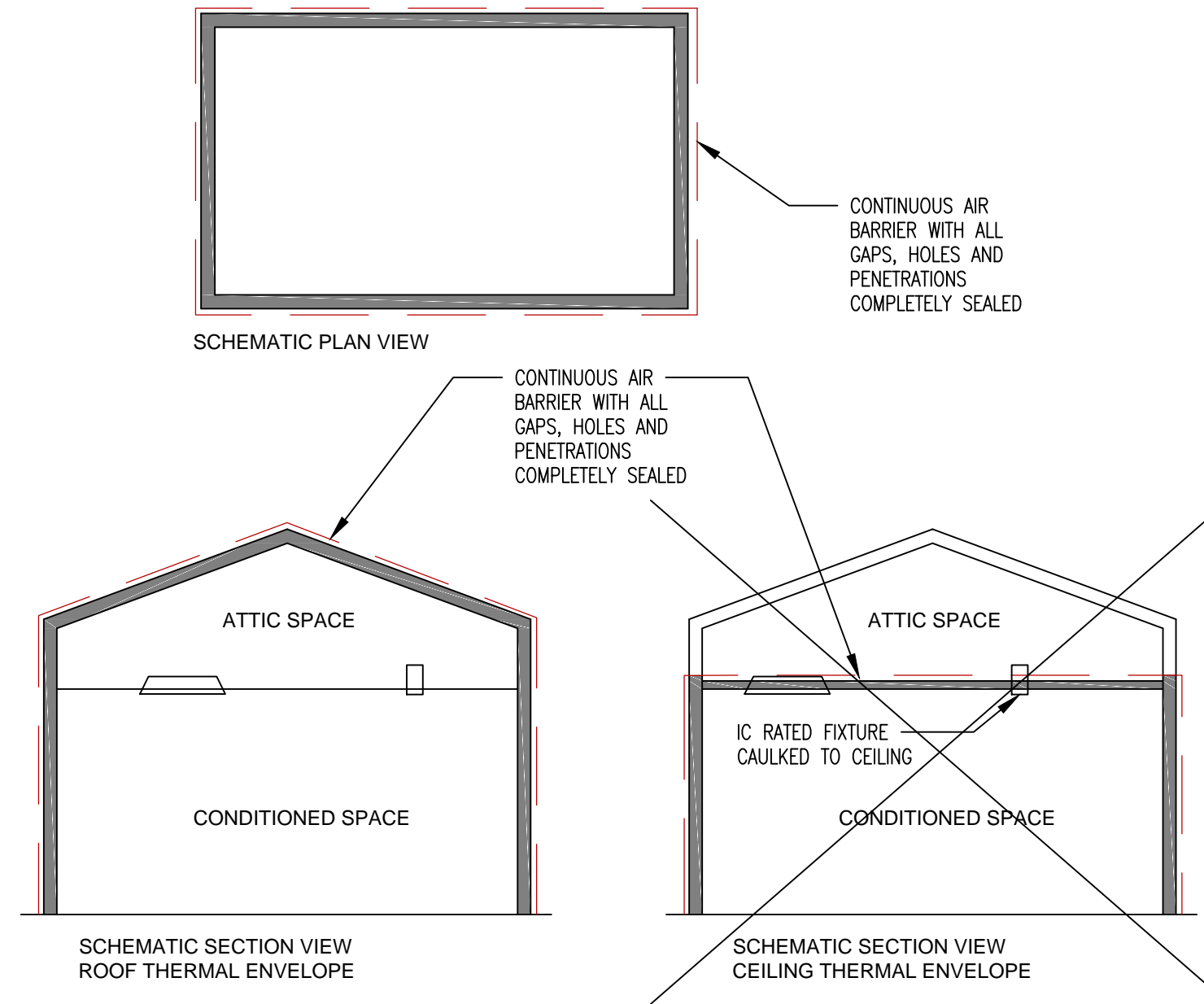
= 0.9 if light well depth < 2 ft

= 0.7 if light well depth ≥ 2 ft

AIR LEAKAGE - THERMAL ENVELOPE (Mandatory) C402.5

Air Leakage requirements will be met by: Materials, Assemblies Testing during construction

DIAGRAM ILLUSTRATING AIR BARRIER



C402.5 Air Leakage - thermal envelope (Mandatory)

- Continuous air barrier shall be provided throughout the building envelope. Permitted to be located on inside or outside of building envelope, located within the assemblies composing the envelope, or combination thereof.
- Air Barrier Construction shall comply with following:
 - Continuous for entire thermal envelope and across joints
 - Seams shall be sealed
 - Penetrations shall be caulked or gasketed
 - Recessed lighting shall be
 - IC Rated
 - Labeled having air leakage rate of less than 2.0 cfm
 - Sealed with gasket or caulk between housing and interior wall or ceiling covering.

Acceptable Air Barriers Materials (with joints sealed)

- Min 3/8" thick plywood
- Min 3/8" oriented stranded board (OSB)
- Min 1/2" extruded polystyrene insulation board
- Min 1/2" foil-back polyisocyanurate insulation board
- Min 1 1/2" closed-cell spray foam min density 1.5 pcf
- Min 4 1/2" open-cell spray foam density between 0.4 and 4.5 pcf
- Min 1/2" interior or exterior gypsum board
- Min 1/2" cement board
- Bulk-up roofing membrane
- Modified bituminous roof membrane
- Fully adhered single-ply roof membrane
- Min 5/8" portland cement / sand parg or gypsum plaster
- Cast-in-place precast concrete
- Fully grouted concrete block masonry
- Sheet steel or aluminum
- Solid or hollow masonry constructed of clay or shale masonry units

Acceptable Air Barriers Assemblies

- Concrete masonry walls coated with
 - 1 application block filler, or
 - 2 applications of a paint or sealer coating
- Masonry walls constructed of clay or shale masonry, min 4 inches width
- Portland cement stucco or plaster min 1/2" thick

FENESTRATION ASSEMBLY	MAXIMUM RATE (CFM / FT ²)	TEST PROCEDURE
Windows	0.20	AAMA/WDMA/CSA101/ I.S.2/A440
Sliding Doors	0.20	
Swinging Doors	0.20	
Skylights - with condensation weepage openings	0.30	or NFRC 400
Skylights - All others	0.20	
Curtain Walls	0.06	NFRC 400 or ASTM E 283 at 1.57 psf (75 Pa)
Storefront Glazing	0.06	
Commercial glazed swinging entrance doors	1.00	
Revolving Doors	1.00	ANSI/DASMA 105, NFRC 400, or ASTM E283 at 1.57 psf (75 Pa)
Garage Doors	0.40	
Rolling Doors	1.00	
High-speed doors	1.30	

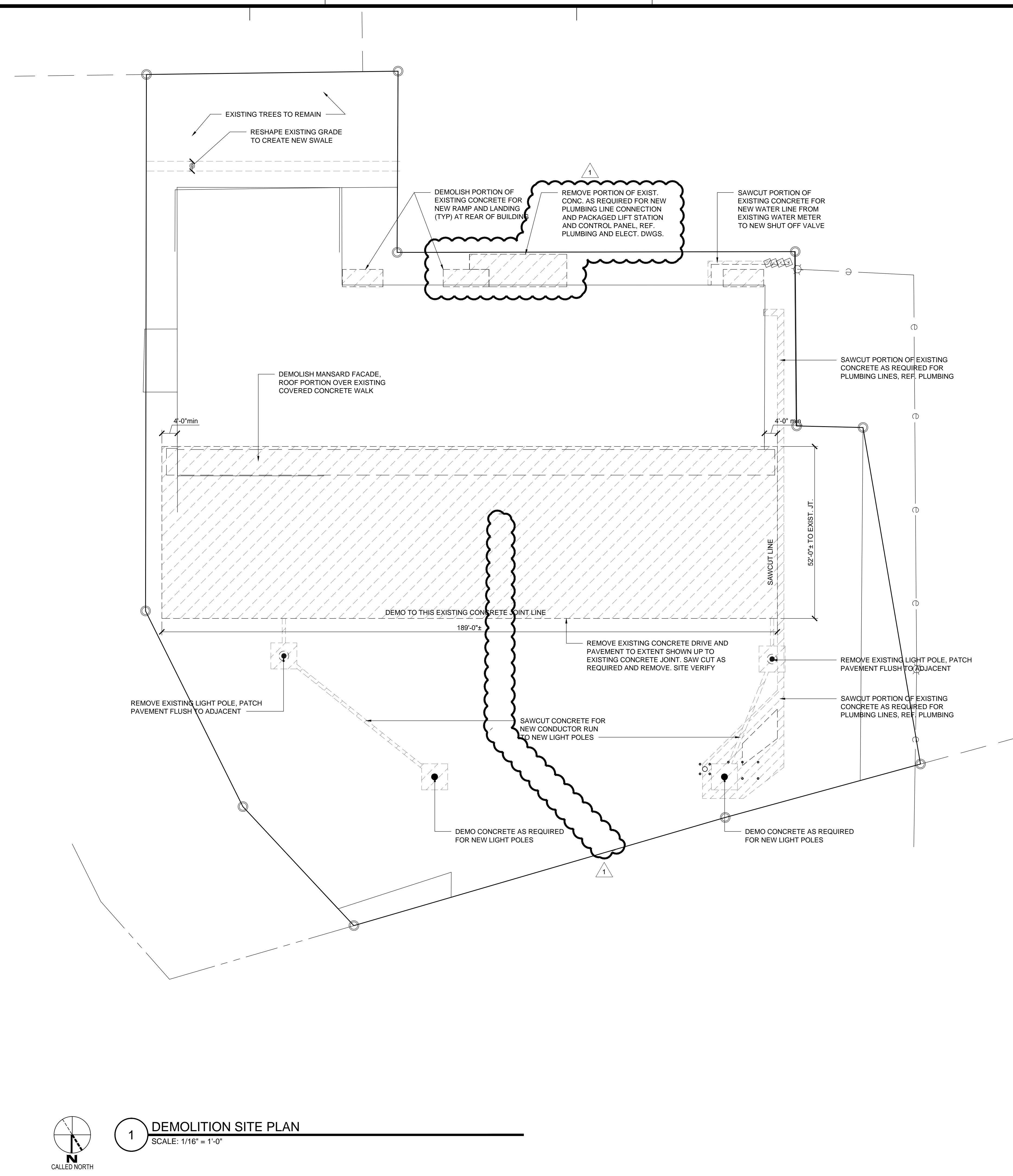
C402.5.7 VESTIBULES

Exception 1. Not required in climate zones 1 & 2.

C403 MECHANICAL SYSTEMS

C404 SERVICE WATER HEATING (MANDATORY)

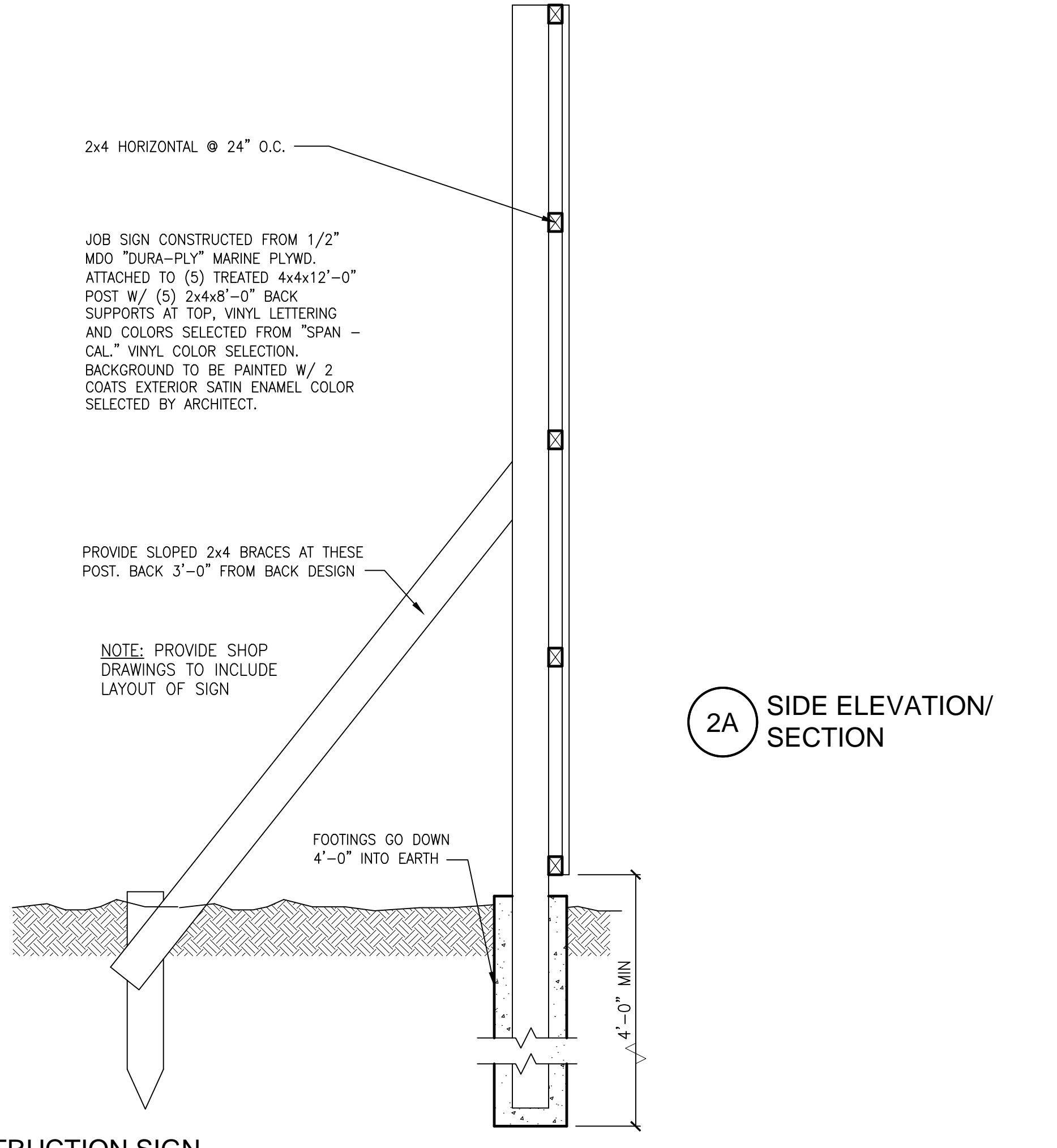
C404 ELECTRICAL POWER AND LIGHTING SYSTEMS



1 DEMOLITION SITE PLAN
SCALE: 1/16" = 1'-0"



2A FRONT ELEVATION



2A SIDE ELEVATION/SECTION

2 CONSTRUCTION SIGN
SCALE: 1" = 1'-0"

3015 S. Loop West, Suite 720
Houston, Texas 77071
TEL: (281) 966-3146
FAX: (281) 966-3146
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.aaiarchitect.com

REGISTERED ARCHITECT
RONALD M. JONES
STATE OF TEXAS
8217
3/8/2022

REGISTERED ARCHITECT
J. ROB CLARK
STATE OF TEXAS
13667
3/8/2022

SPINDLETOP SILSBEE

Spindletop MHMR

222 E Durkin Drive
Silsbee, TX 77656

ISSUED FOR SCHEMATIC DESIGN	<input checked="" type="checkbox"/>
DATE: 10-11-2021	
DESIGN DEVELOPMENT	<input checked="" type="checkbox"/>
DATE: 12/20/2021	
BIDS & CONSTRUCTION	<input checked="" type="checkbox"/>
DATE: 2/28/2021	
REVISION:	
DATE: 3/7/2022	
REVISION:	
DATE:	
REVISION:	
DATE:	

DRAWINGS SHEET TITLE

DEMOLITION SITE PLAN

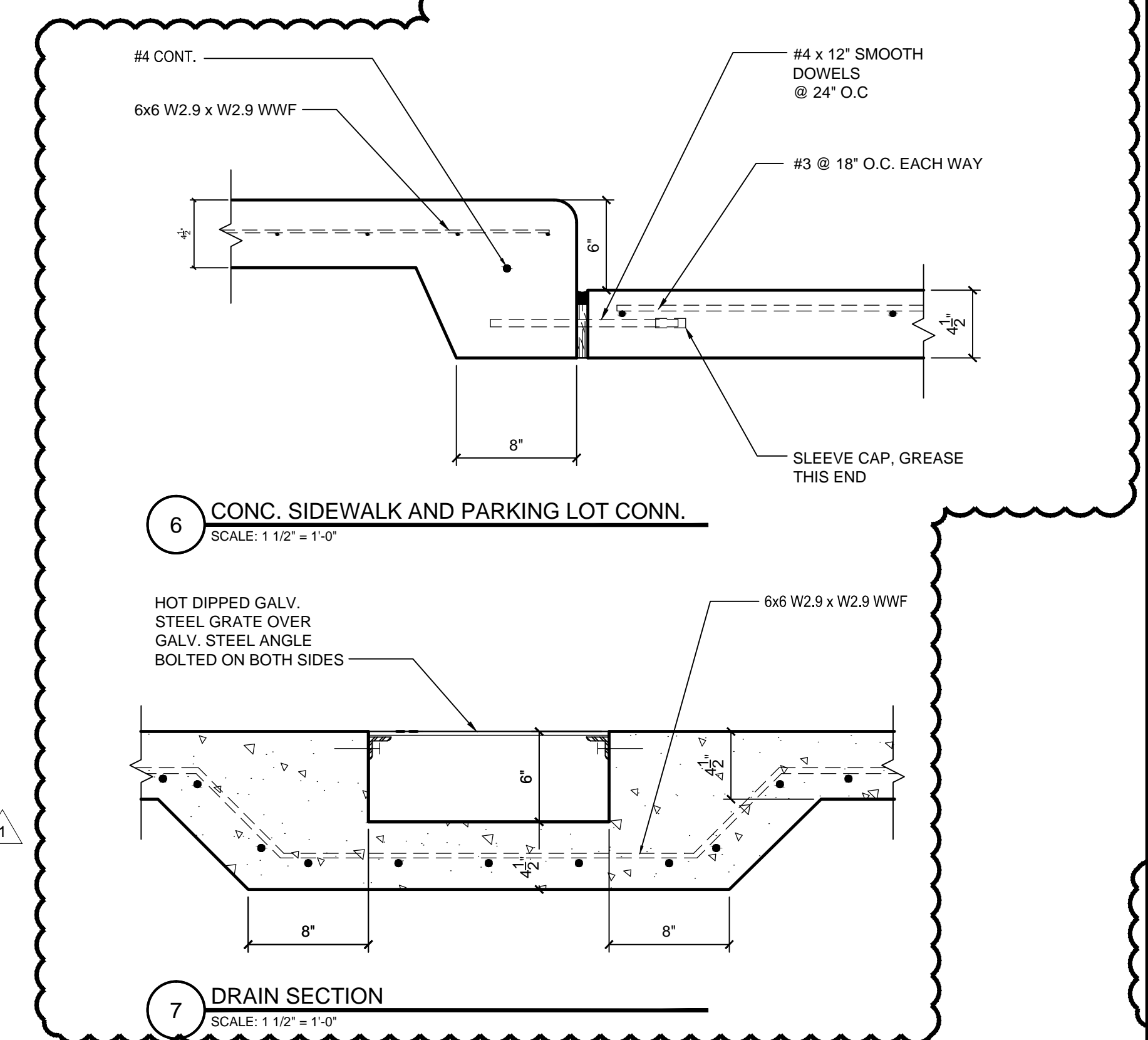
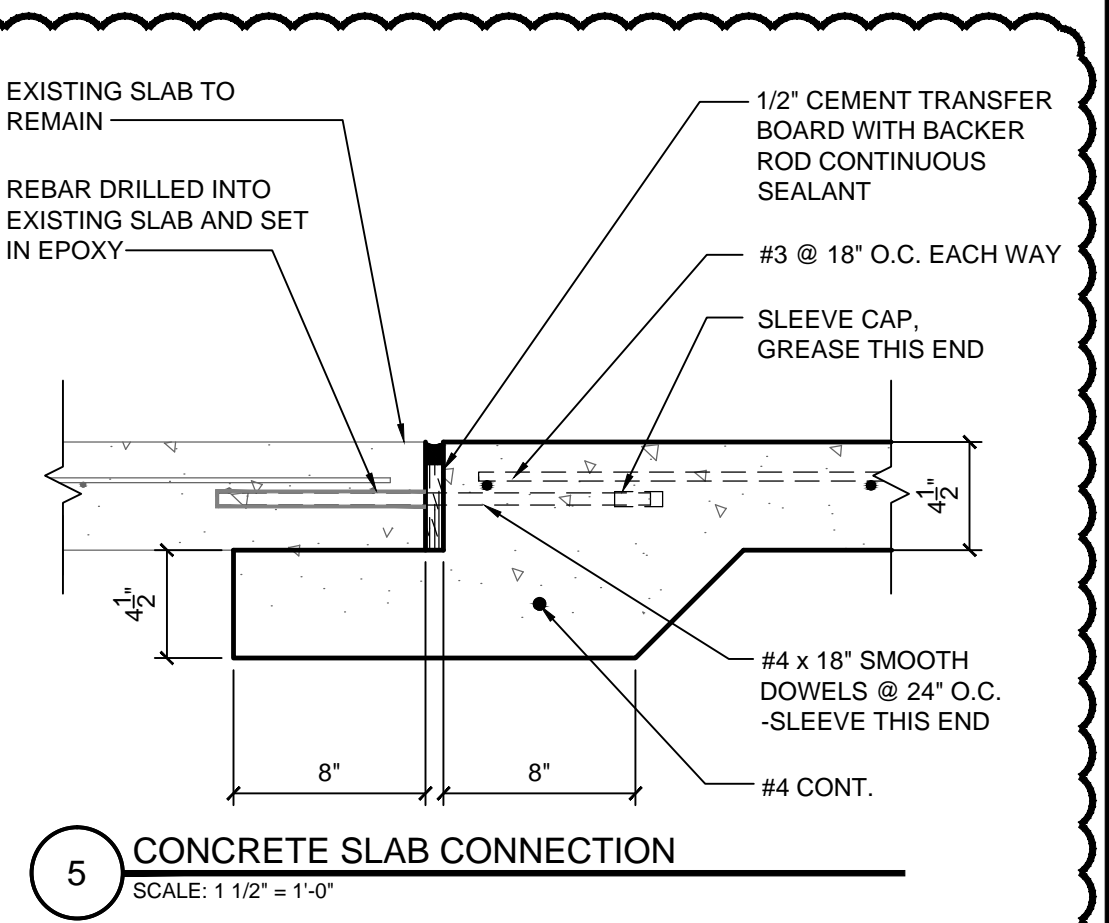
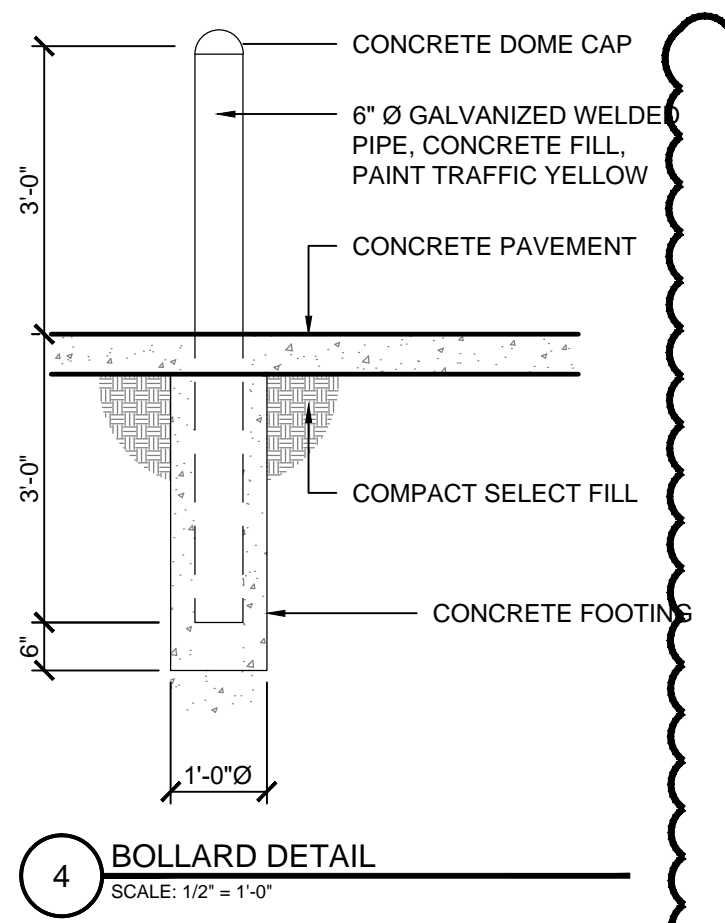
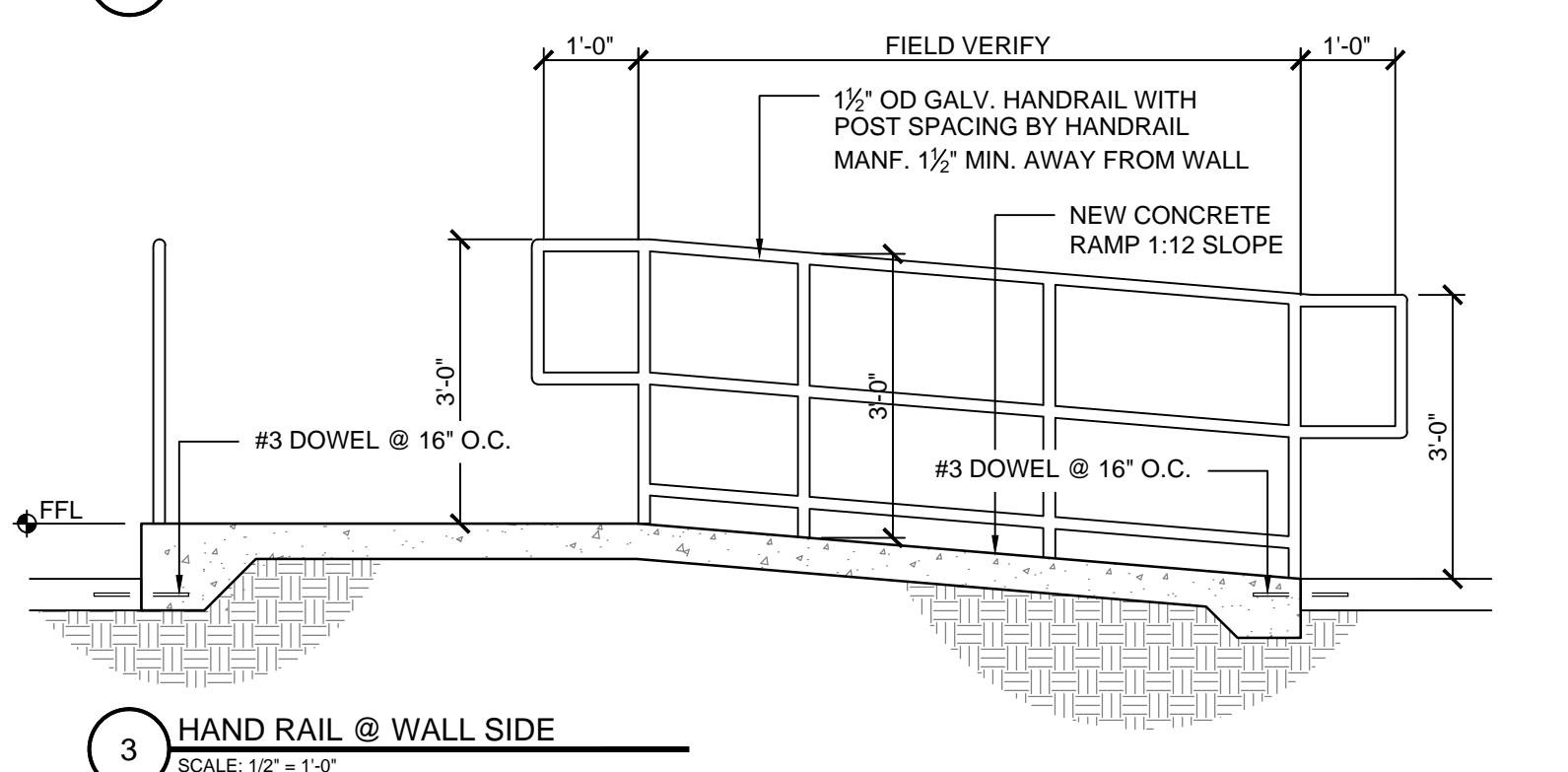
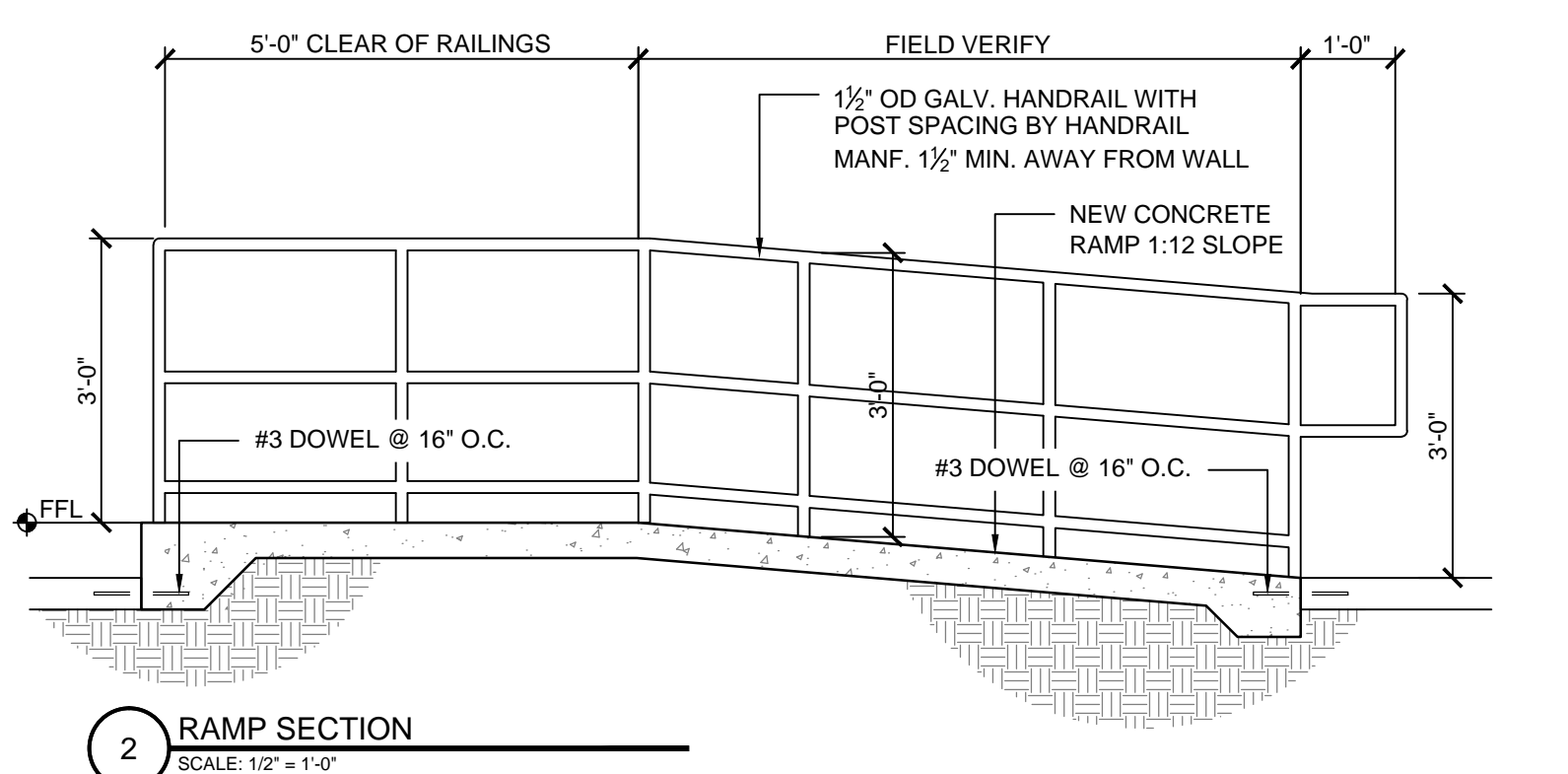
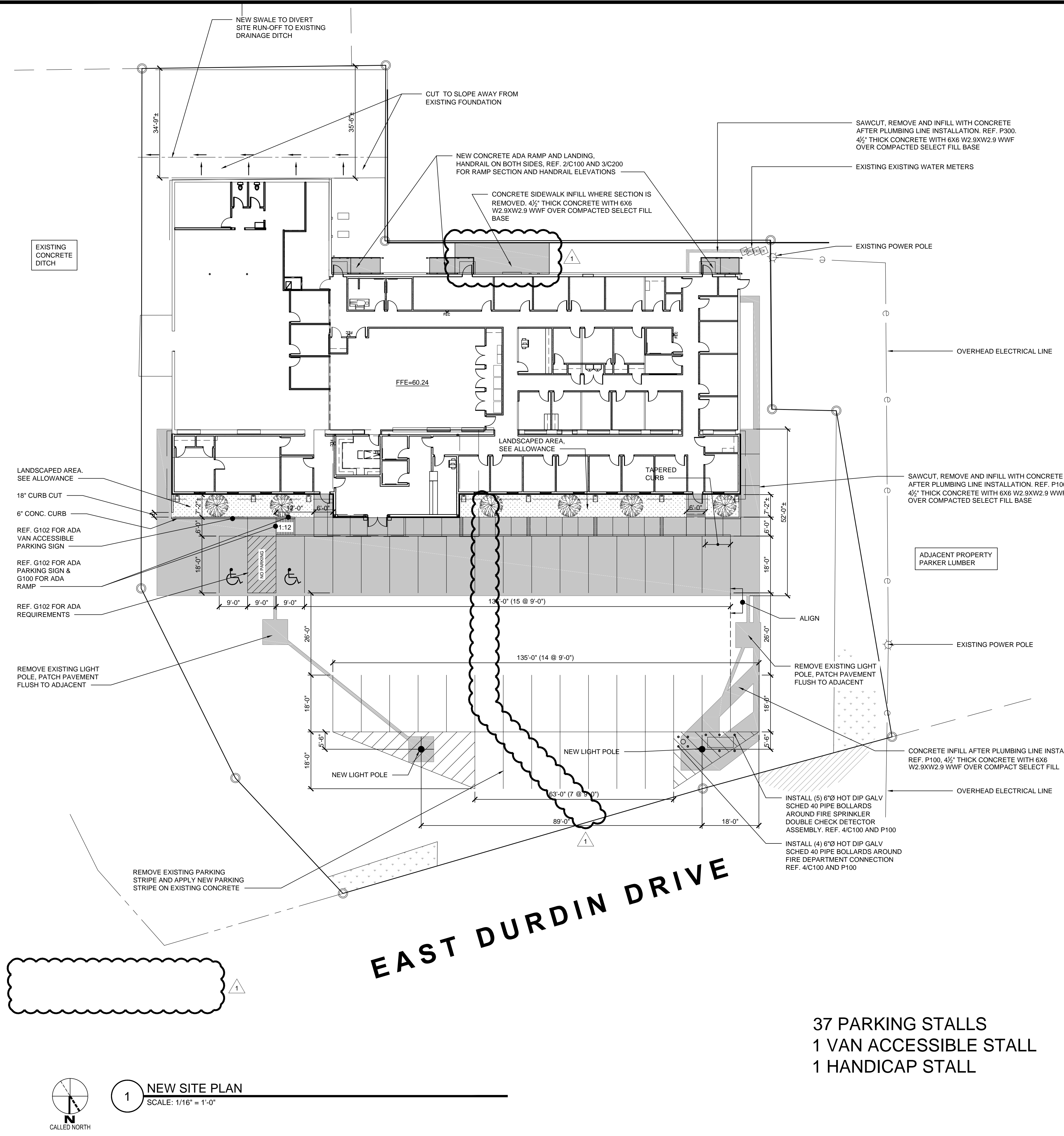
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C001R1

21061

PROJECT NUMBER

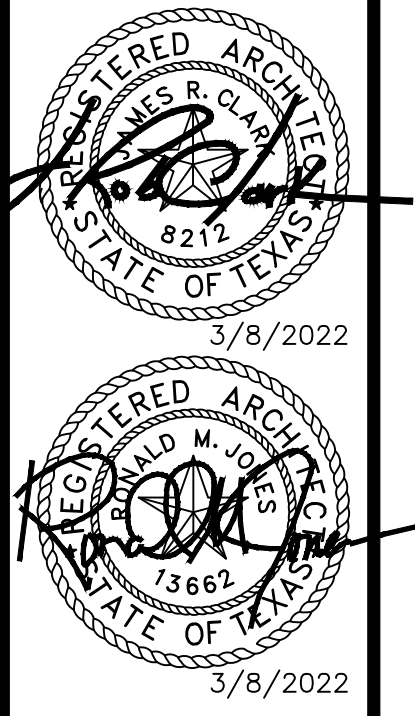
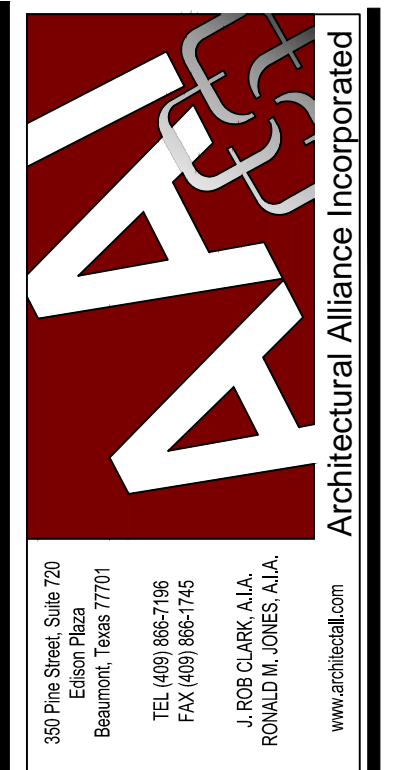
SAVED: MICHAEL
PLOT: MICHAEL.MGT.MAN
PLOT DATE: 3/8/2022 3:53 PM
SHEET SIZE: ARCH (standard D) (36.00 x 24.00 inches)



EAST DURDIN DRIVE

**37 PARKING STALLS
1 VAN ACCESSIBLE STALL
1 HANDICAP STALL**

1 NEW SITE PLAN
SCALE: 1/16" = 1'-0"



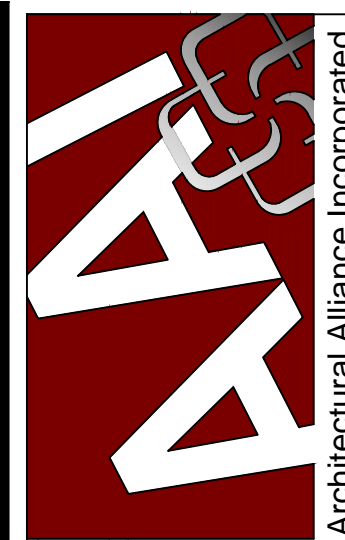
SPINDLETOP SILSBEE
Spindletop MHR
222 E Durbin Drive
Silsbee, TX 77656

ISSUED FOR SCHEMATIC DESIGN	<input checked="" type="checkbox"/>
DATE: 10-11-2021	
DESIGN DEVELOPMENT	<input checked="" type="checkbox"/>
DATE: 12/20/2021	
BIDS & CONSTRUCTION	<input checked="" type="checkbox"/>
DATE: 2/28/2021	
REVISION: 1	
DATE: 3/7/2022	
REVISION:	
DATE:	
REVISION:	
DATE:	

DRAWINGS SHEET TITLE
NEW SITE PLAN

SHEET NUMBER
C100R1

PROJECT NUMBER
21061



3075 Park Square, Suite 720
 Easton Plaza
 Beaumont, Texas 77701
 TEL: (409) 886-1146
 FAX: (409) 886-1146
 J. ROB CLARK, A.I.A.
 RONALD H. JONES, A.I.A.
 www.aiaarch.com



Silsbee, TX 77656

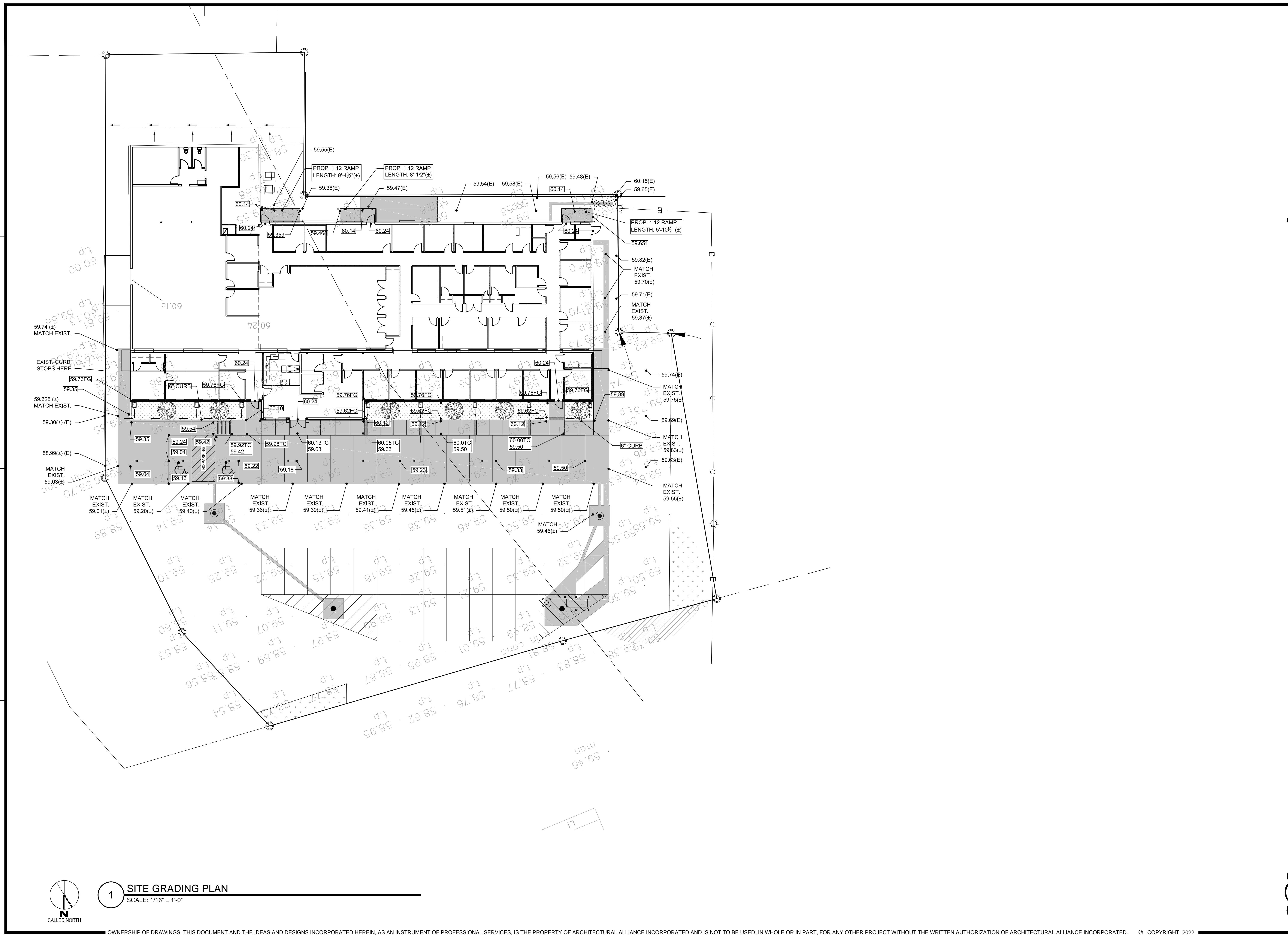
SPINDLETOP SILSBEE
 Spindletop MHR

222 E Durbin Drive

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DATE: 2/28/2021	
REVISION:	
DATE: 3/7/2022	
REVISION:	
DATE:	
REVISION:	
DATE:	

DRAWINGS SHEET TITLE
SITE GRADING PLAN

SHEET NUMBER
C101
 PROJECT NUMBER
 21061



1 SITE GRADING PLAN
 SCALE: 1/16" = 1'-0"

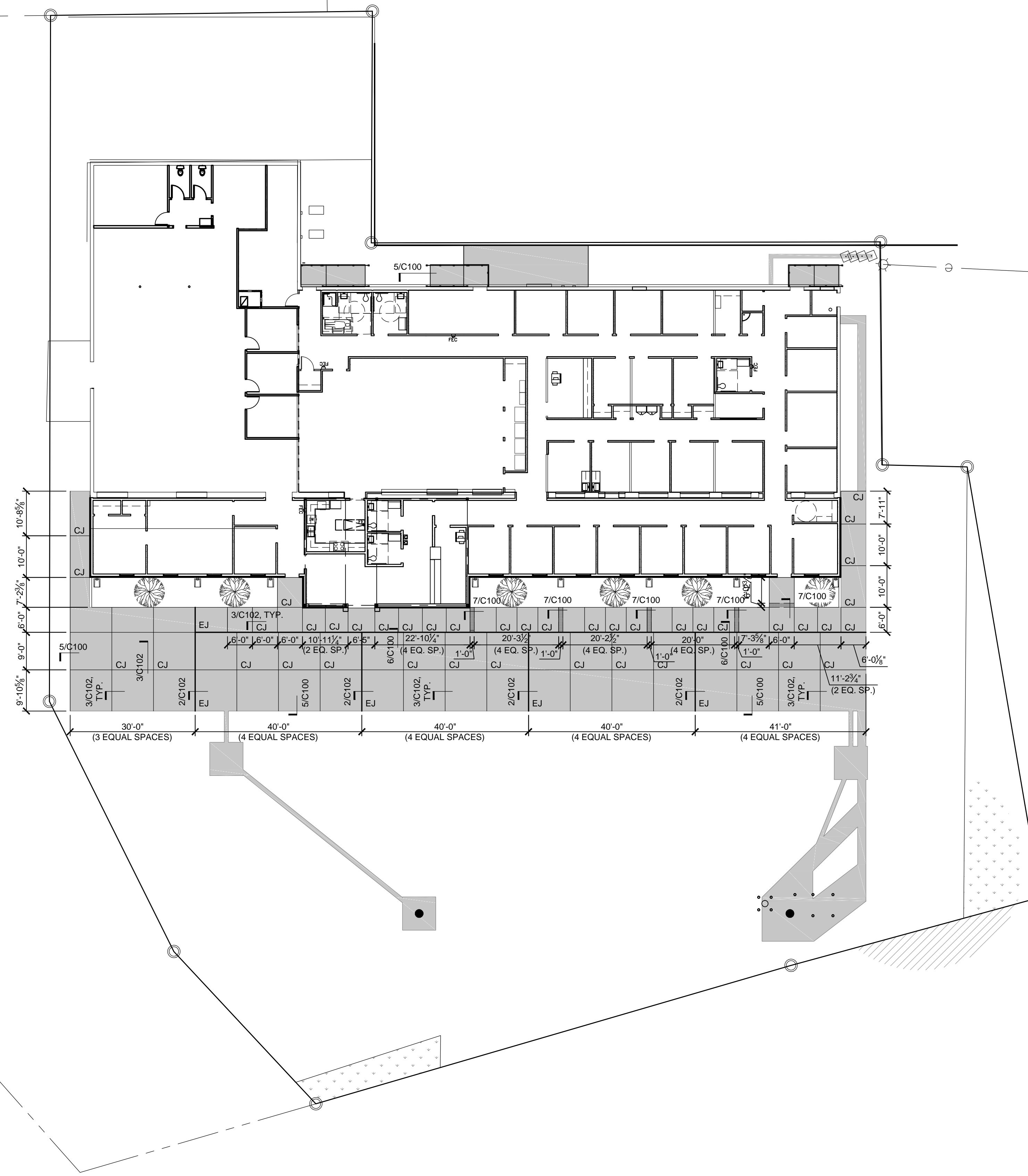


SAVED: MICHAEL
 PLOT: MICHAEL.MAGTAN
 PLOT DATE: 3/8/2022 3:54 PM
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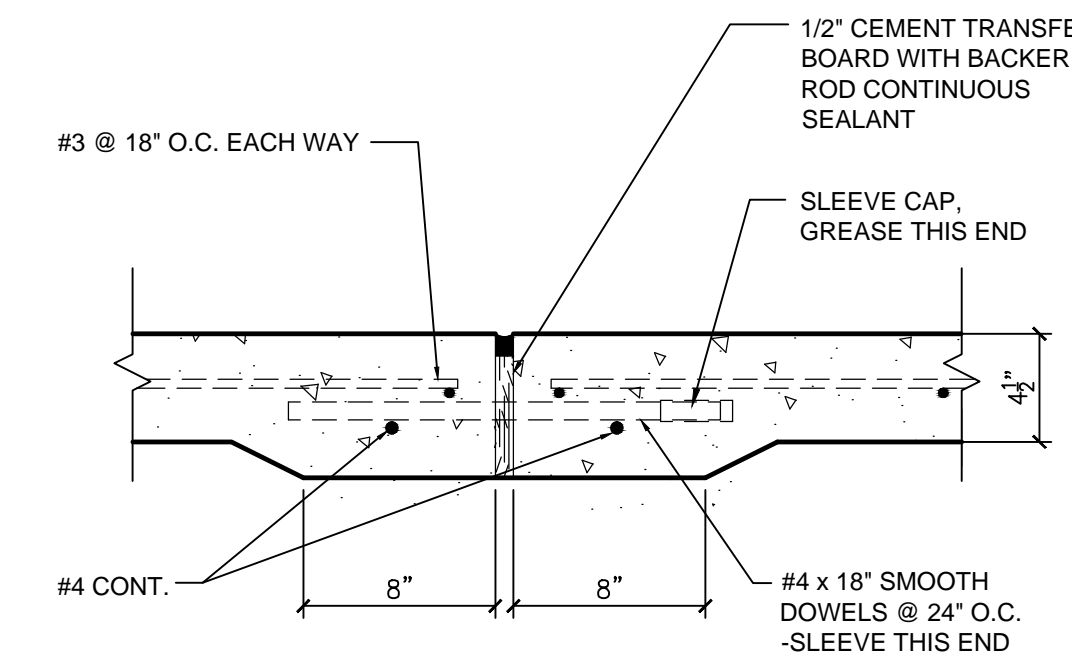
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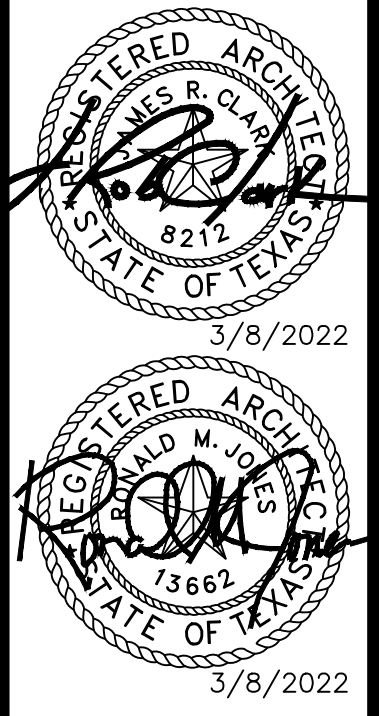
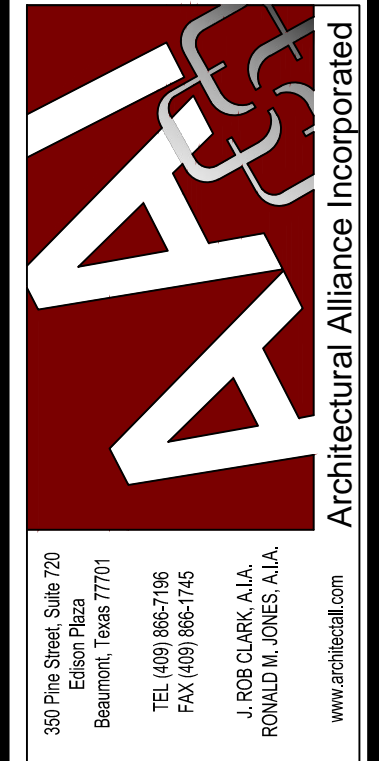
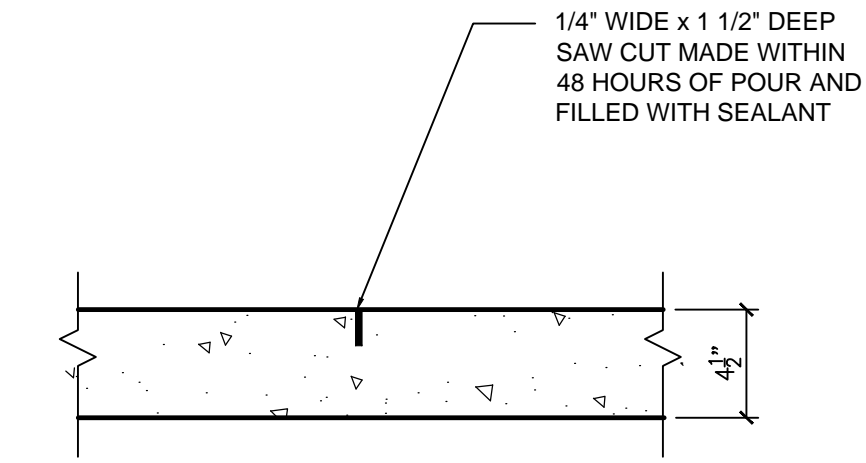
1 CONCRETE JOINT PLAN
 SCALE: 1/16" = 1'-0"



2 EXPANSION JOINT - SECTION
 SCALE: 1 1/2" = 1'-0"



3 CONTROL JOINT - SECTION
 SCALE: 1 1/2" = 1'-0"

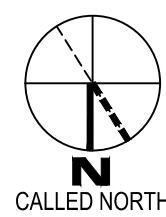


SPINDLETOP SILSBEE
 Spindletop MHR
 222 E Durbin Drive
 Silsbee, TX 77656

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REVISION:	
DATE:	
REVISION:	
DATE:	

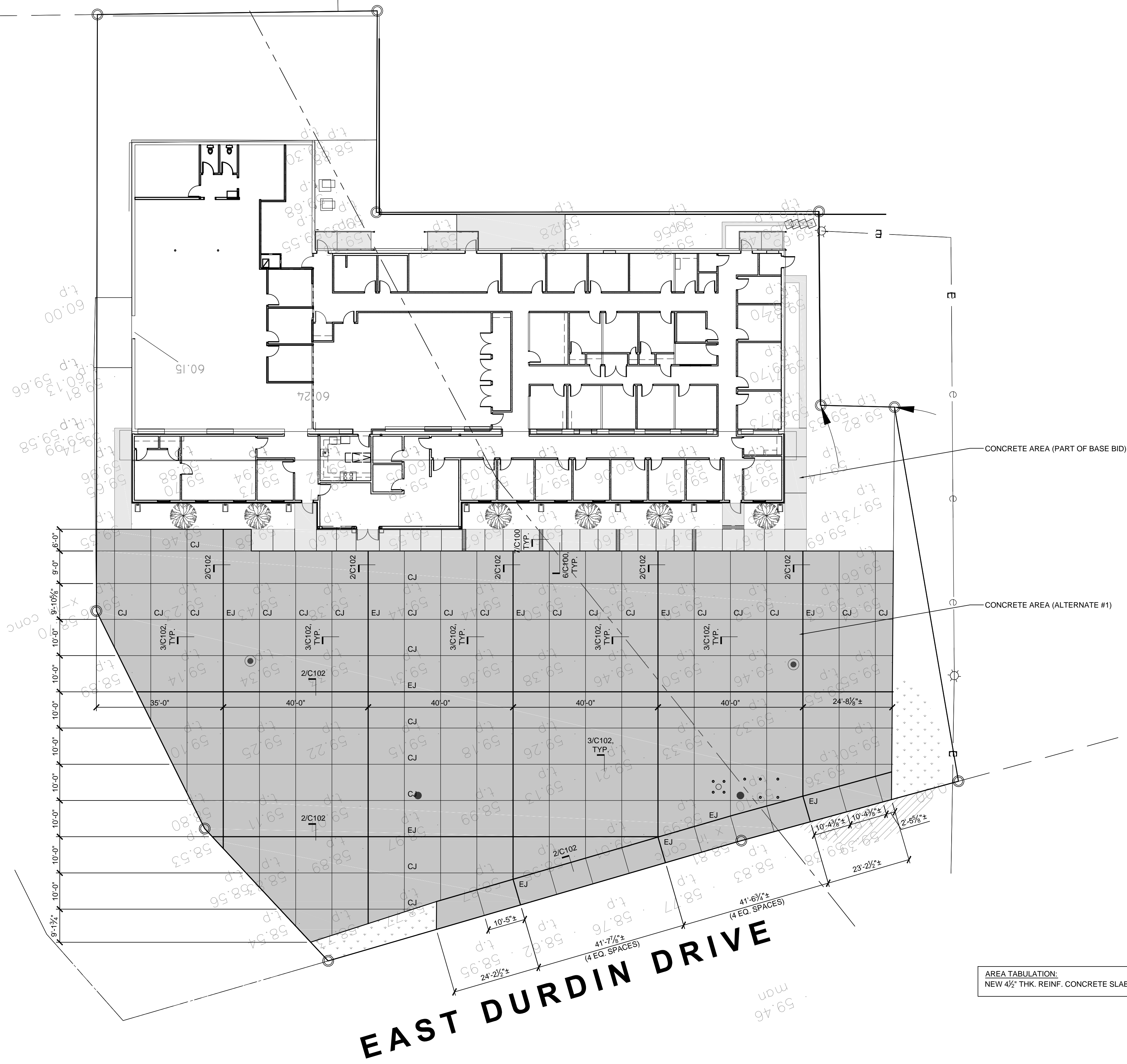
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CONCRETE JOINT PLAN
 SHEET NUMBER
C102
 PROJECT NUMBER
 21061

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 PLOT: MICHAEL.MGTAW
 PLOT DATE: 3/8/2022 3:54 PM
 SHEET SIZE: ARCH (standard D) 08.00 x 24.00 (inches)

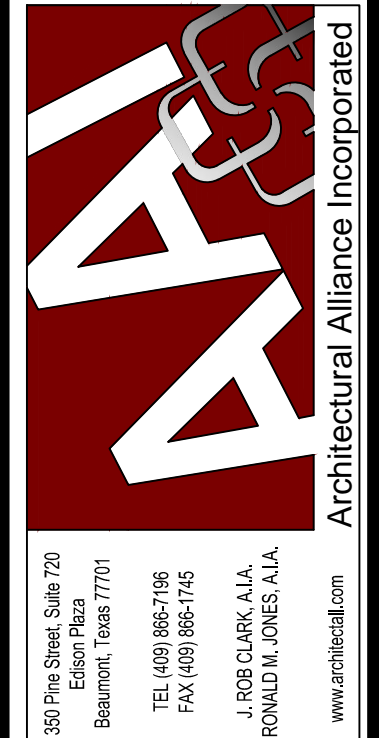


1 NEW SITE PLAN-ALT #1
 SCALE: 1/16" = 1'-0"

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AREA TABULATION:	
NEW 4 1/2" THK. REINF. CONCRETE SLAB	18,765 SF



3075 N. Loop West, Suite 720
 Houston, Texas 77017
 TEL: (409) 866-7100
 FAX: (409) 866-7106
 J. ROSS CLARK, A.I.A.
 RONALD H. JONES, A.I.A.
 www.aaiarch.com



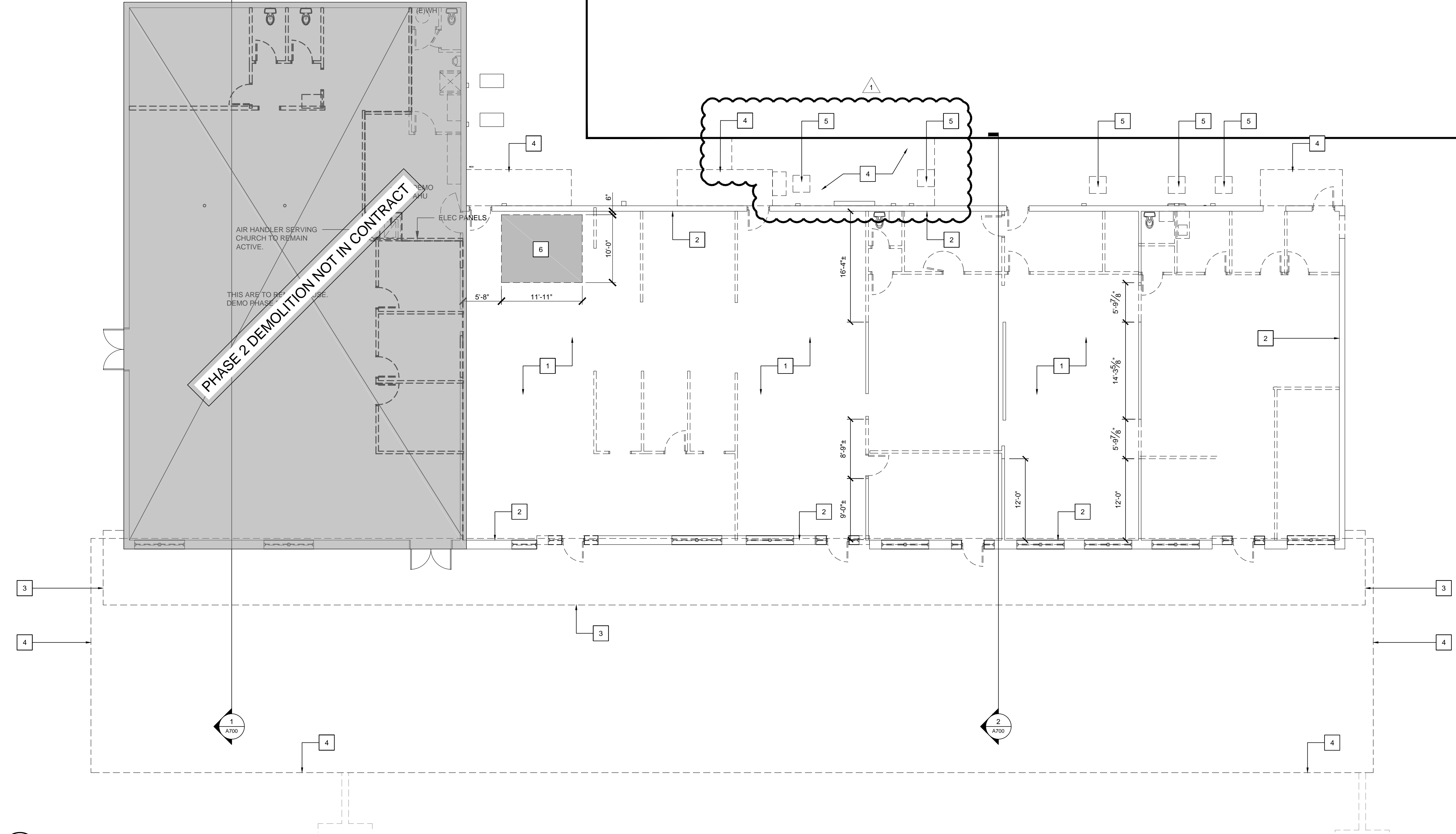
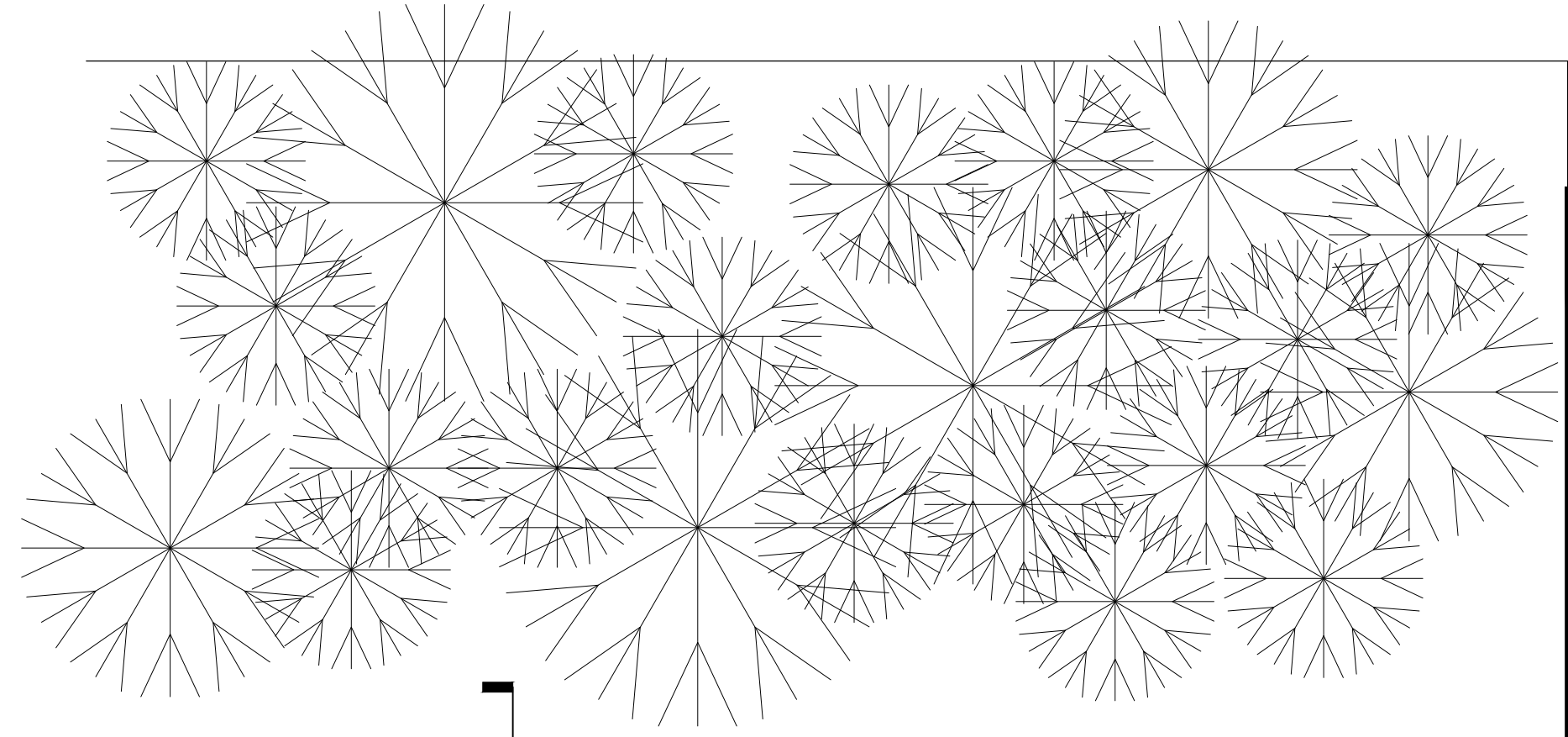
ISSUED FOR
 SCHEMATIC DESIGN
 DATE: 10-11-2021
 DESIGN DEVELOPMENT
 DATE: 12/20/2021
 BIDS & CONSTRUCTION
 DATE: 2/28/2021
 REVISION:
 DATE: 3/7/2022
 REVISION:
 DATE:
 REVISION:
 DATE:

222 E Durdin Drive
 Silsbee, TX 77656
SPINDLETOP SILSBEE
 Spindletop MHMR

DRAWINGS SHEET TITLE
NEW SITE PLAN-ALT #1

SHEET NUMBER
C103
 21061
 PROJECT NUMBER

- DEMOLITION KEYNOTES**
1. REMOVE WALLS, CEILINGS, FLOORING, LIGHTING, HVAC SYSTEMS DUCTWORK, PLUMBING FIXTURES, ETC. WITHIN AREA
 2. REMOVE GYPSUM BOARD FROM EXTERIOR WALLS (TYPICAL)
 3. REMOVE EXISTING MANSARD ROOF SHOWN DASHED
 4. REMOVE EXISTING PAVING UP TO NEAREST EXPANSION JOINT (REF. C001)
 5. ALL EXISTING HVAC AND ELECTRICAL TO BE REMOVED (TYPICAL)
 6. SAW CUT AND REMOVE SLAB IN PREPARATION FOR NEW HELD-DOWN SLAB.

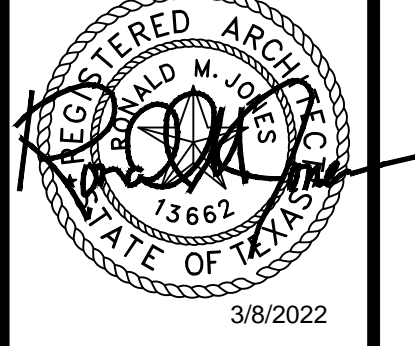
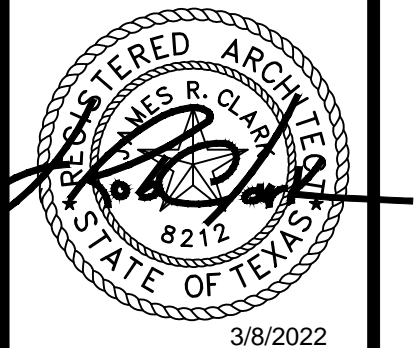
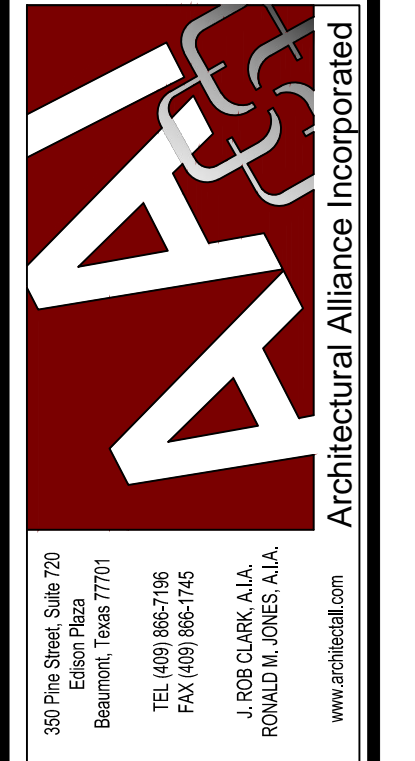


1 DEMOLITION PLAN - PHASE 1
SCALE: 1/8" = 1'-0"



SAVED: MICHAELM
PLOT: MICHAEL.MAGTAN
PLOT DATE: 3/8/2022 3:54 PM
SHEET SIZE: ARCH (standard D) 36.00 x 24.00 (inches)

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DATE: 11/15/2021
DESIGN DEVELOPMENT
DATE: 12/20/2021
BIDS & CONSTRUCTION
DATE: 2/28/2021
REVISION:
DATE: 3/7/2022
REVISION:
DATE:
REVISION:
DATE:

SPINDLETOP SILSBEE
Spindletop MHR

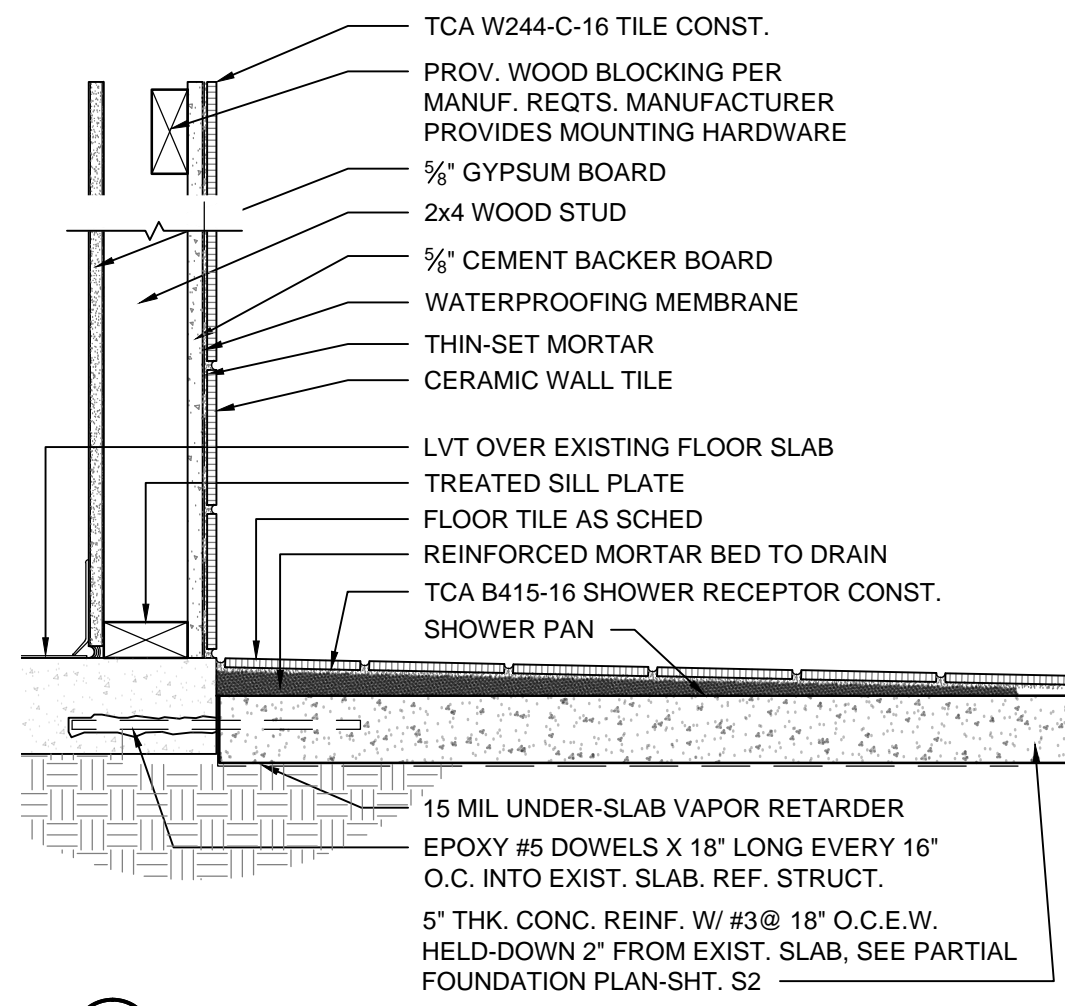
222 E Durbin Drive
Silsbee, TX 77656

ISSUED FOR SCHEMATIC DESIGN
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DESIGN DEVELOPMENT
DATE: 12/20/2021
BIDS & CONSTRUCTION
DATE: 2/28/2021
REVISION:
DATE: 3/7/2022
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REVISION:
DATE:

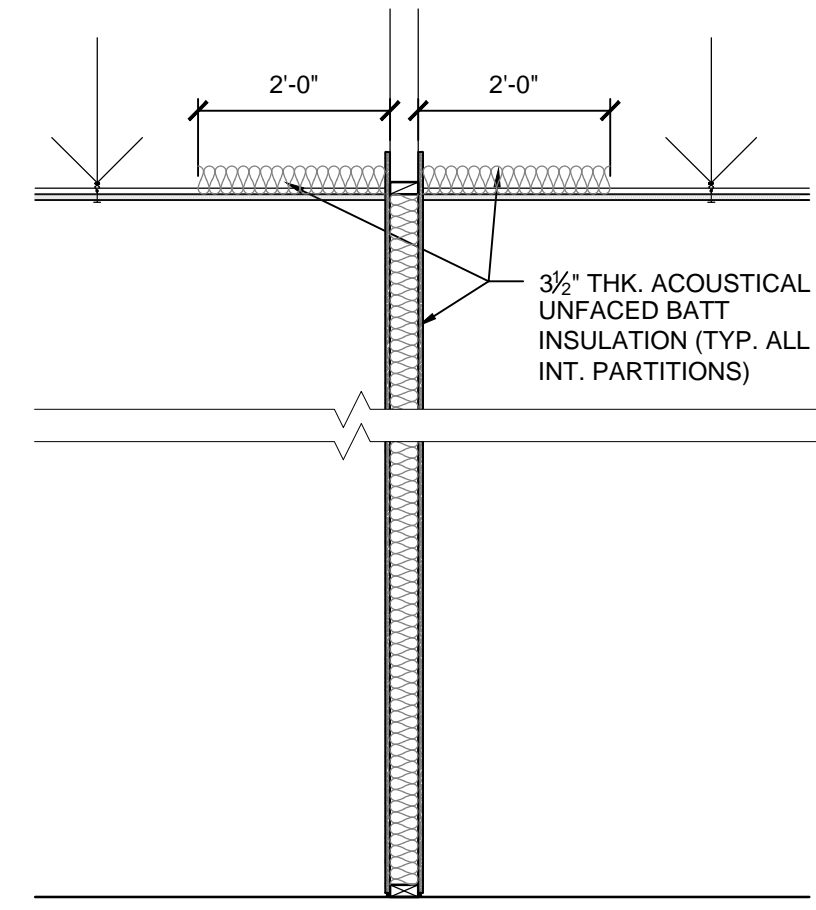
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SHEET NUMBER
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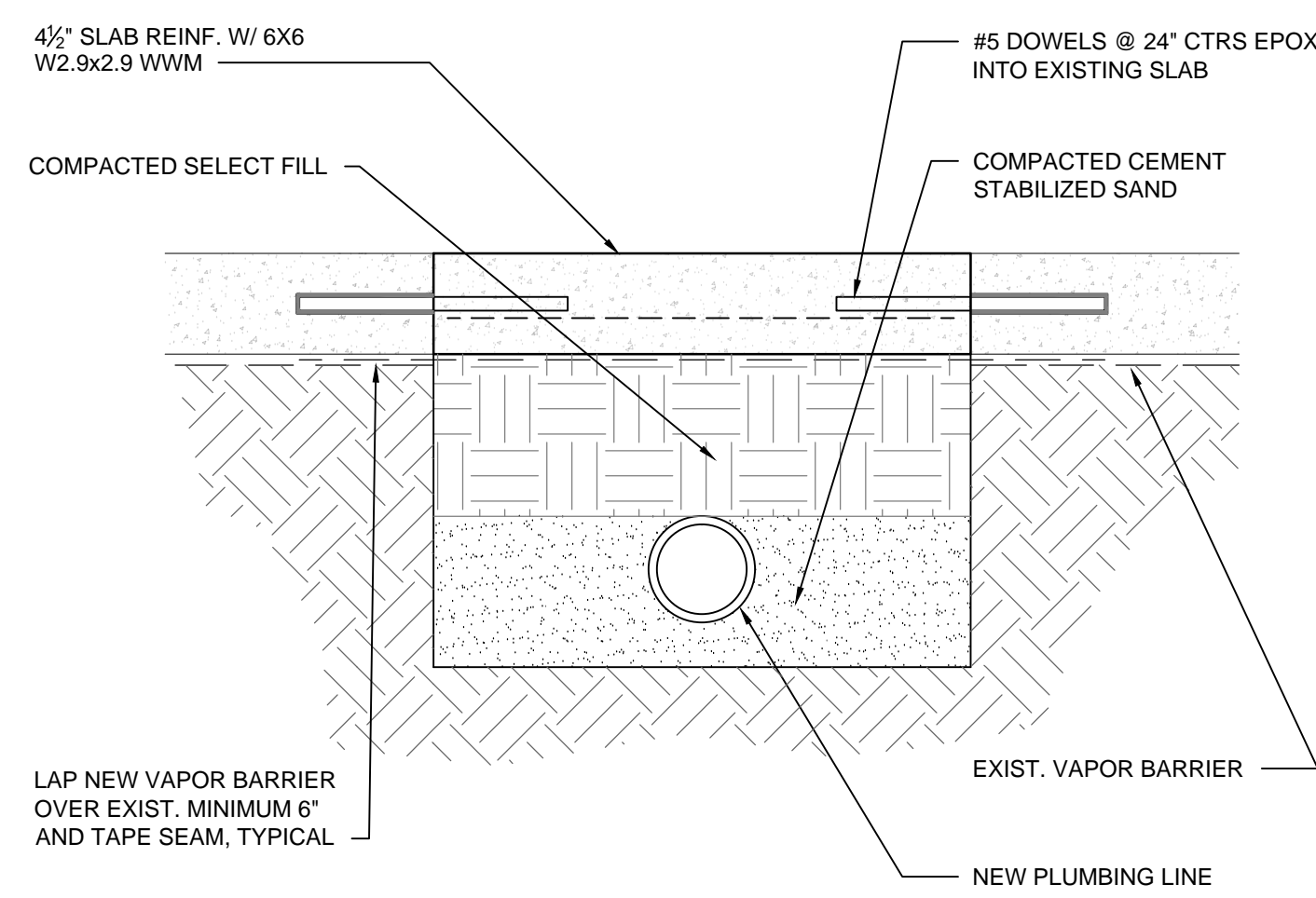
PROJECT NUMBER
21061



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



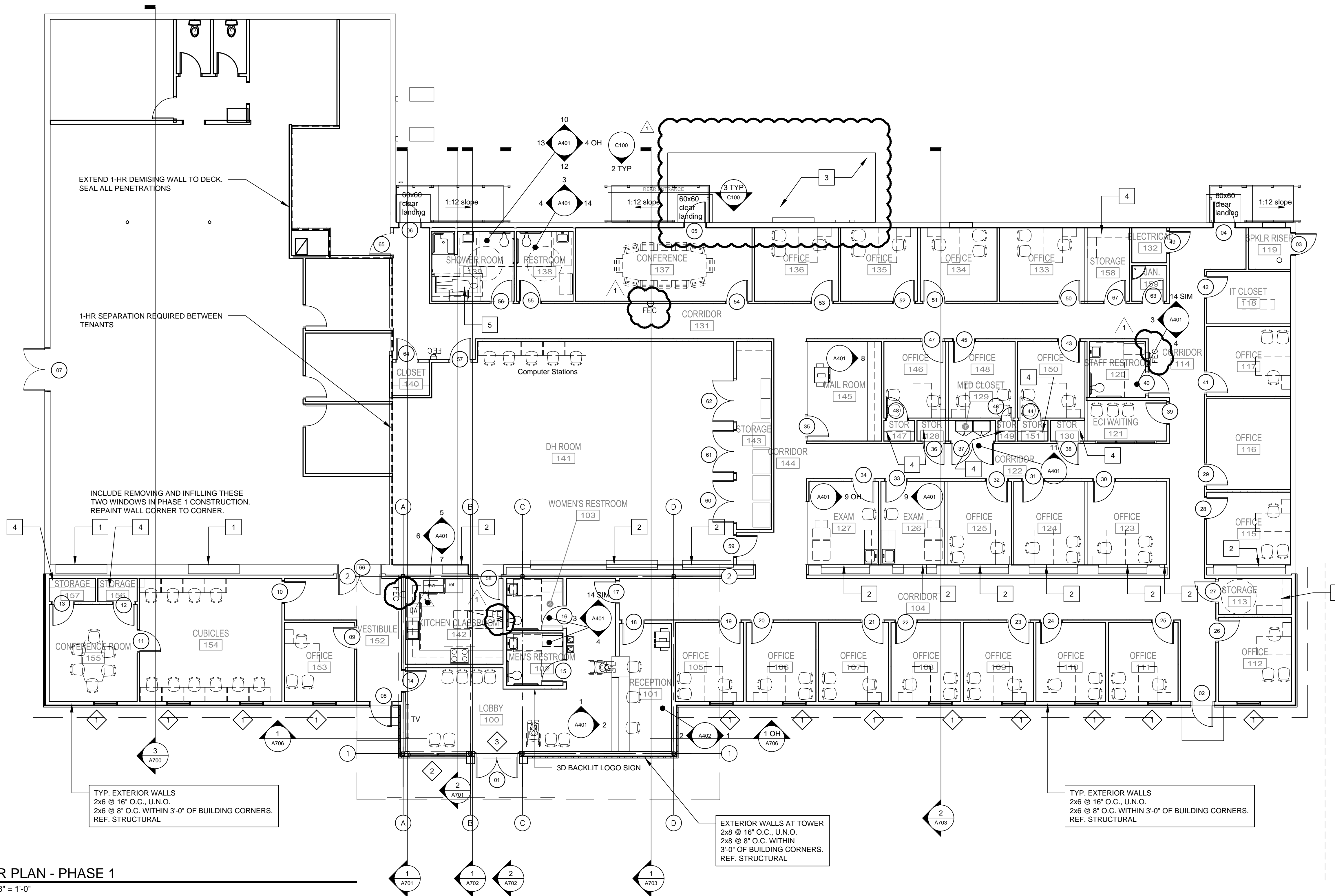
3 TYPICAL INTERIOR WALL DETAIL
SCALE: 1/2" = 1'-0"



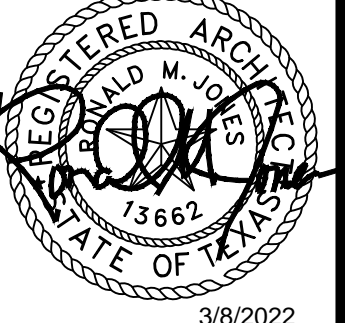
4 NEW PLUMBING LINE INSTALL. UNDER EXIST. SLAB
SCALE: 1 1/2" = 1'-0"

NEW CONSTRUCTION KEYNOTES

1. INCLUDE IN PHASE 1 WORK THE REMOVAL OF WINDOWS. INFILL OPENING WITH 1/2" GYP BD. ON 2X4 STUDS AT 16" CTRS. FLOAT WALL AND PAINT LEVEL 4 FINISH.
2. REMOVE WINDOWS AND EXTERIOR DOORS. INFILL OPENING WITH 1/2" GYP BD. ON 2X4 STUDS AT 16" CTRS. SEE FINISH SCHEDULE
3. PATCH CONCRETE SIDEWALK WITH 4 1/2" THICK CONCRETE, 6X6 W2.9W2.9 WWM REINFORCING.
4. INSTALL 72" HIGH KV80 SERIES STANDARDS STARTING 12" ABOVE FLOOR, WITH 16" DEEP 3/4" MELAMINE SHELVES SET ON 180 SERIES 14 GA. BRACKETS. PROVIDE (5) MAXIMUM 36" LONG SHELVES PER STORAGE CLOSET. SEE ELEVATIONS SHEET A402 AND TYP. SECTION 10/A500. MAX. LENGTH OF SHELF IS 36 INCHES.
5. AT SHOWER ROOM - 139, PROVIDE NEW HELD-DOWN SLAB. DRAINABLE SLOPED SETTING BED AND CERAMIC FLOOR TILE. PROVIDE BLOCKING AS REQUIRED BY ADULT CHANGING TABLE MANUFACTURER BEHIND CERAMIC WALL TILE AND CEMENT BACKER BOARD, REF. 2/A100
6. PROVIDE BLOCKING WHERE TV WILL BE WALL MOUNTED (REF. ARCHITECTURAL AND ELECTRICAL)
7. PROVIDE 3/4" THK. ACOUSTICAL UNFACED BATT INSULATION ON ALL INTERIOR WALLS AND 2'-0" WIDE ABOVE CEILING ON BOTH SIDES OF WALL. REF. 2/A103
8. ALL APPLIANCES ARE FURNISHED AND INSTALLED BY OWNER EXCEPT FOR VENT HOOD BY MECH. CONTRACTOR.



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



222 E Durbin Drive
Silsbee, TX 77656

SPINDLETOP SILSBEE
Spindletop MHMR

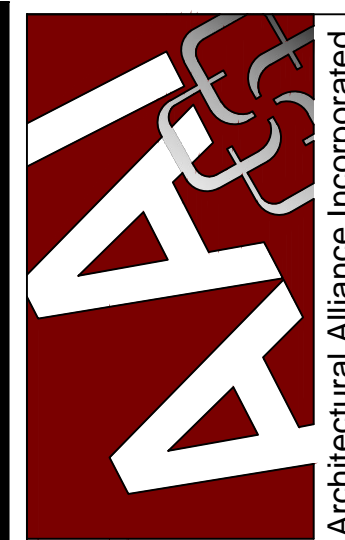
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REVISION:	
DATE:	

DRAWINGS SHEET TITLE
FLOOR PLAN - PHASE 1

SHEET NUMBER
A100R1

21061

SAVED: MICHAELA
 PLOT: MICHAEL MAGTAN
 PLOT DATE: 3/8/2022 3:55 PM
 SHEET SIZE: ARCH (standard D) (36.00 x 24.00 inches)



307 Park Street, Suite 720
 Houston, Texas 77010
 TEL: (409) 886-1746
 FAX: (409) 886-1746
 J. ROB CLARK, A.A.A.
 RONALD H. JONES, A.A.A.
 www.archalliance.com



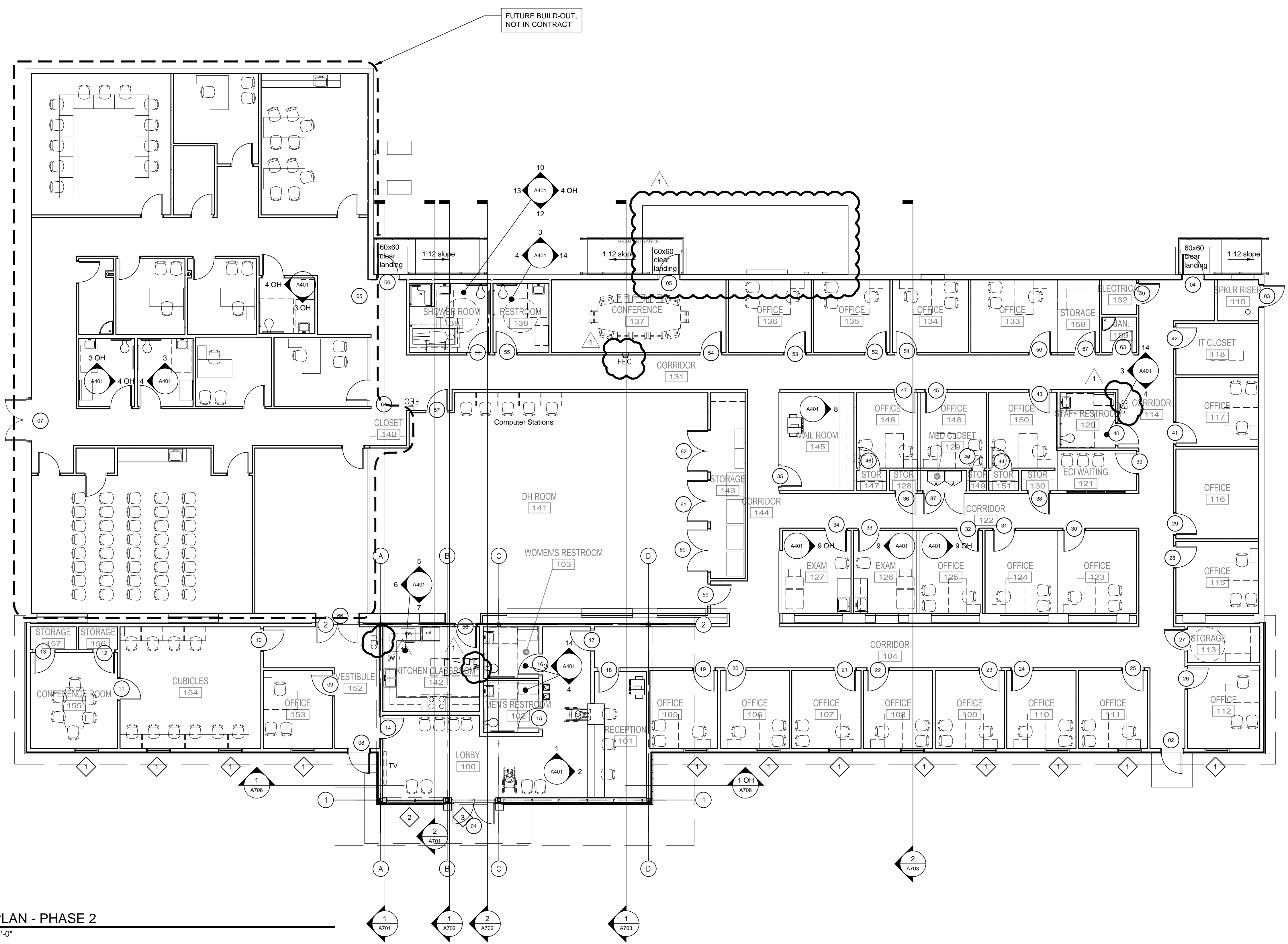
Silsbee, TX 77656
 222 E Durbin Drive

SPINDLETOP SILSBBE
 Spindletop MHMR

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REVISION:	
DATE:	
REVISION:	
DATE:	

DRAWINGS SHEET TITLE
FLOOR PLAN - PHASE 2

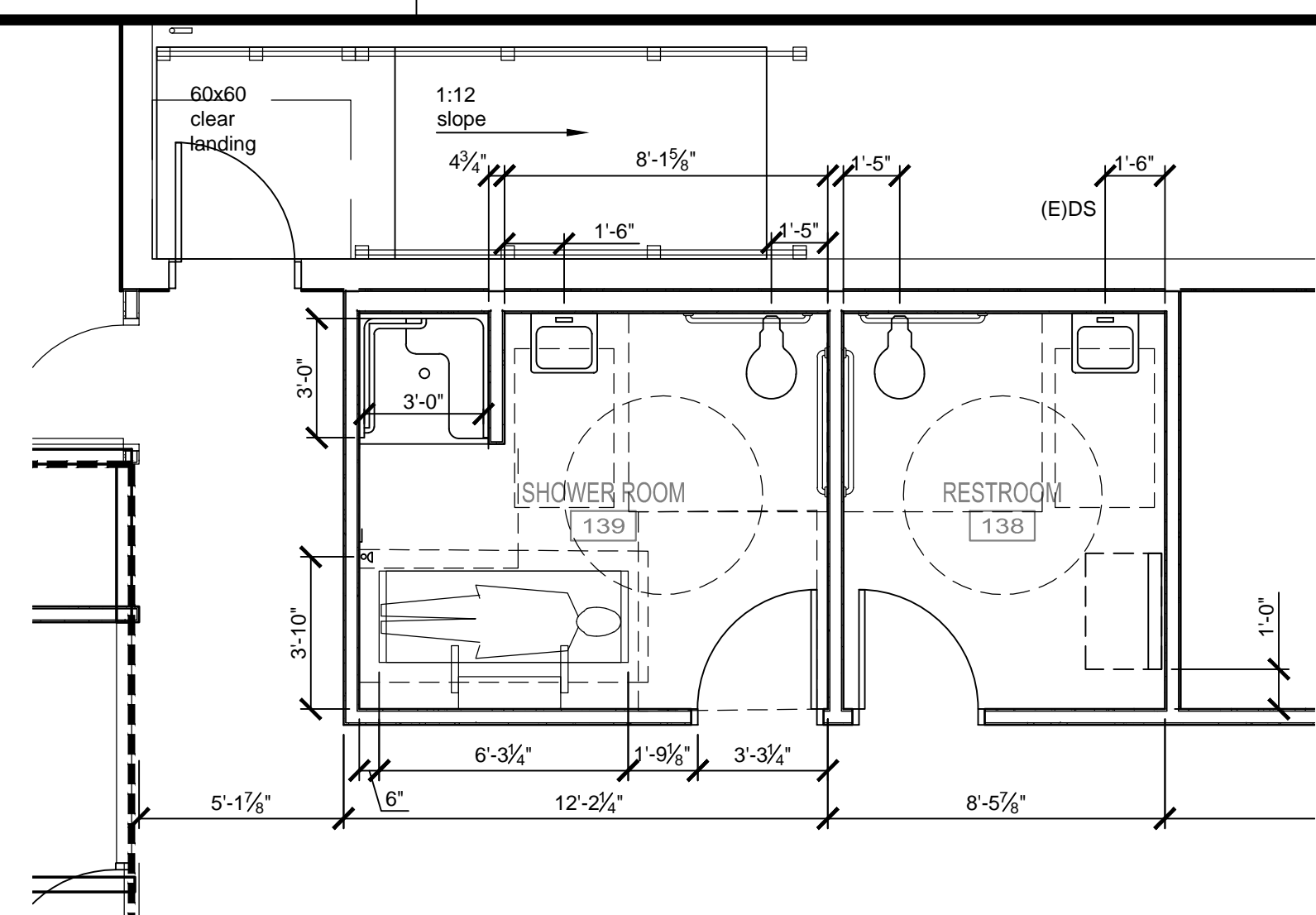
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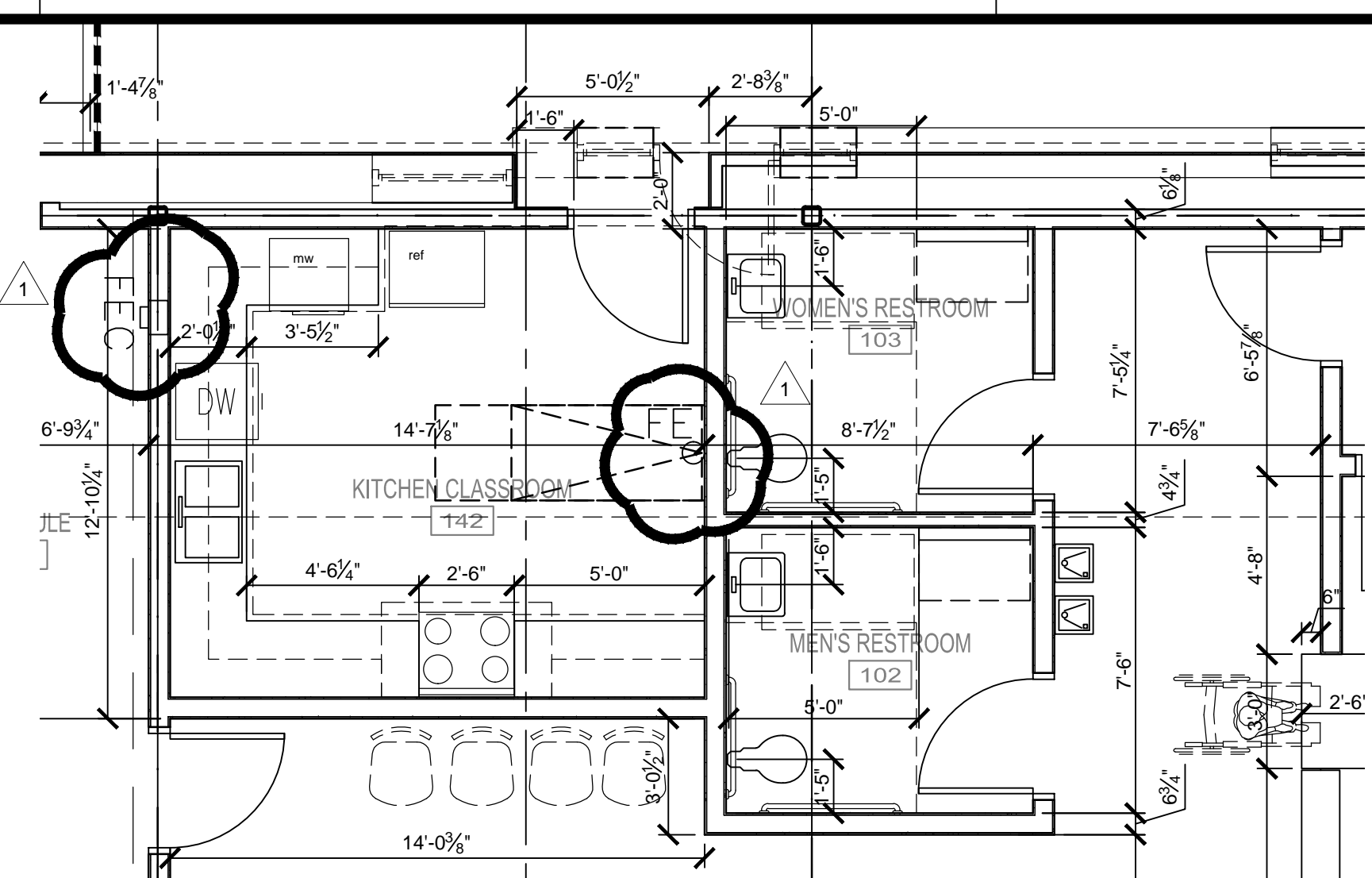
1 FLOOR PLAN - PHASE 2
 SCALE: 1/8" = 1'-0"



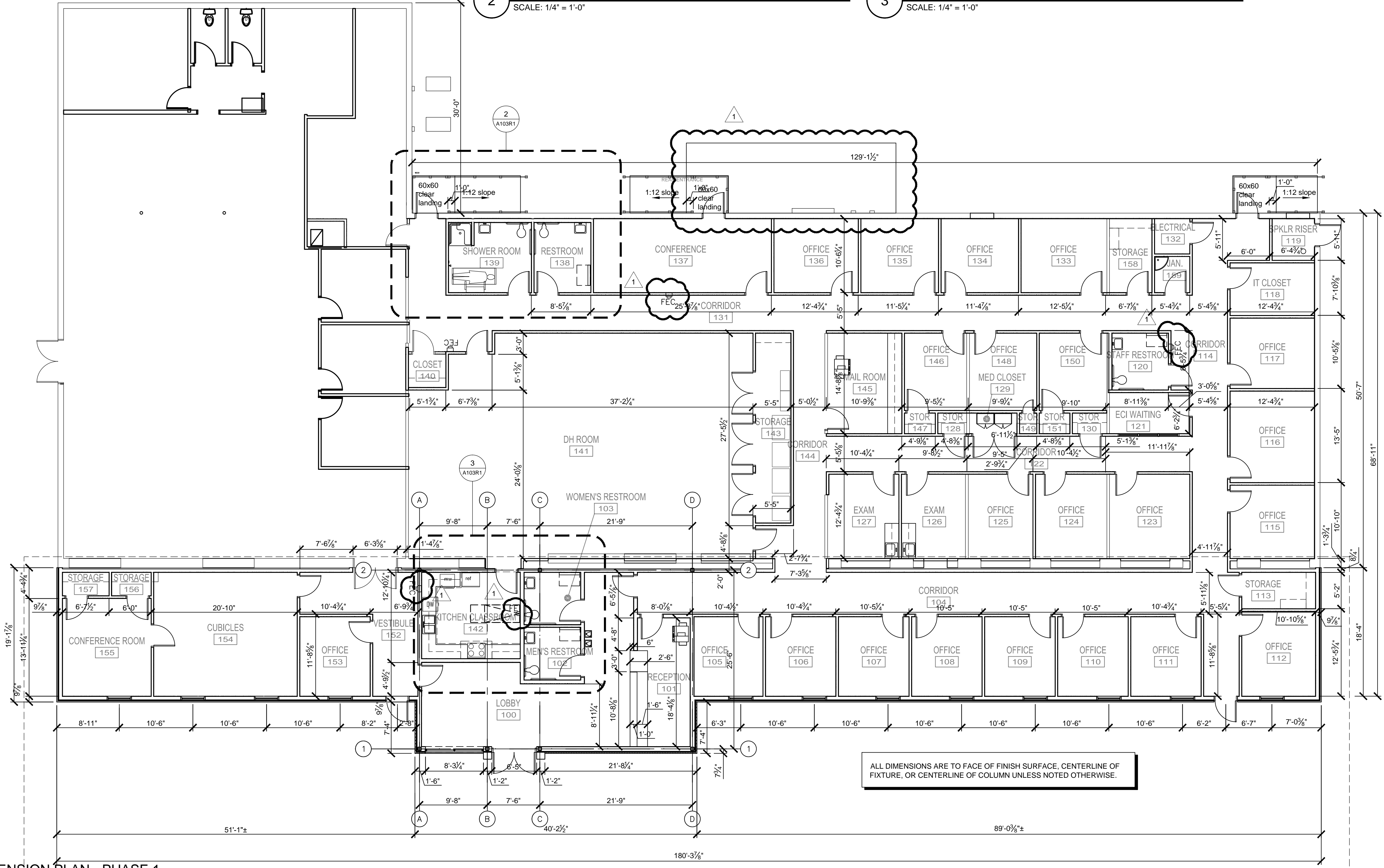
SAVED: MICHAEL
 PLOT: MICHAEL.MAGTAN
 PLOT DATE: 3/8/2022 3:55 PM
 SHEET SIZE: ARCH (expand D) (86.04 x 24.00 inches)



2 SHOWER ROOM - 139 ENLARGED PLAN
 SCALE: 1/4" = 1'-0"



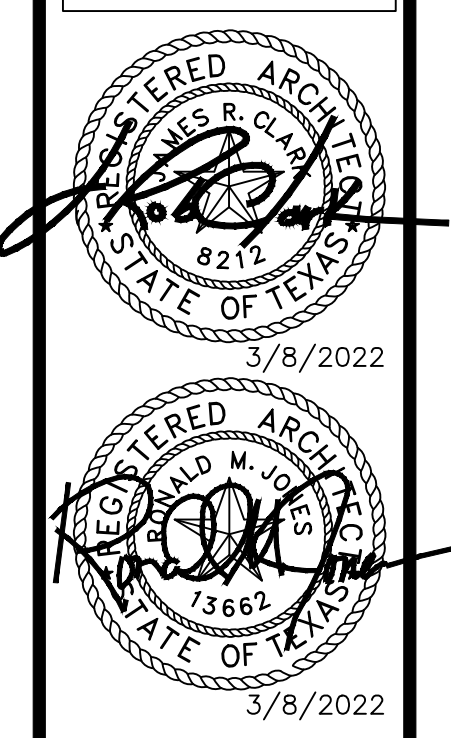
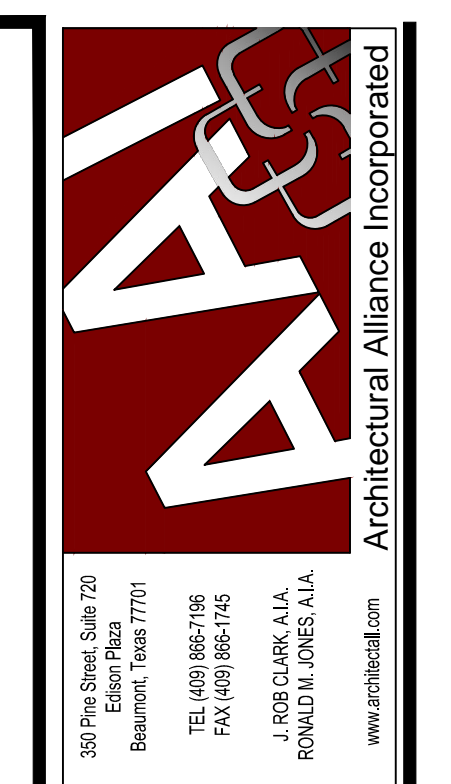
3 KITCHEN CLASSROOM - 142 ENLARGED PLAN
 SCALE: 1/4" = 1'-0"



1 DIMENSION PLAN - PHASE 1
 SCALE: 1/8" = 1'-0"

ALL DIMENSIONS ARE TO FACE OF FINISH SURFACE, CENTERLINE OF FIXTURE, OR CENTERLINE OF COLUMN UNLESS NOTED OTHERWISE.





3/8/2022

3/8/2022

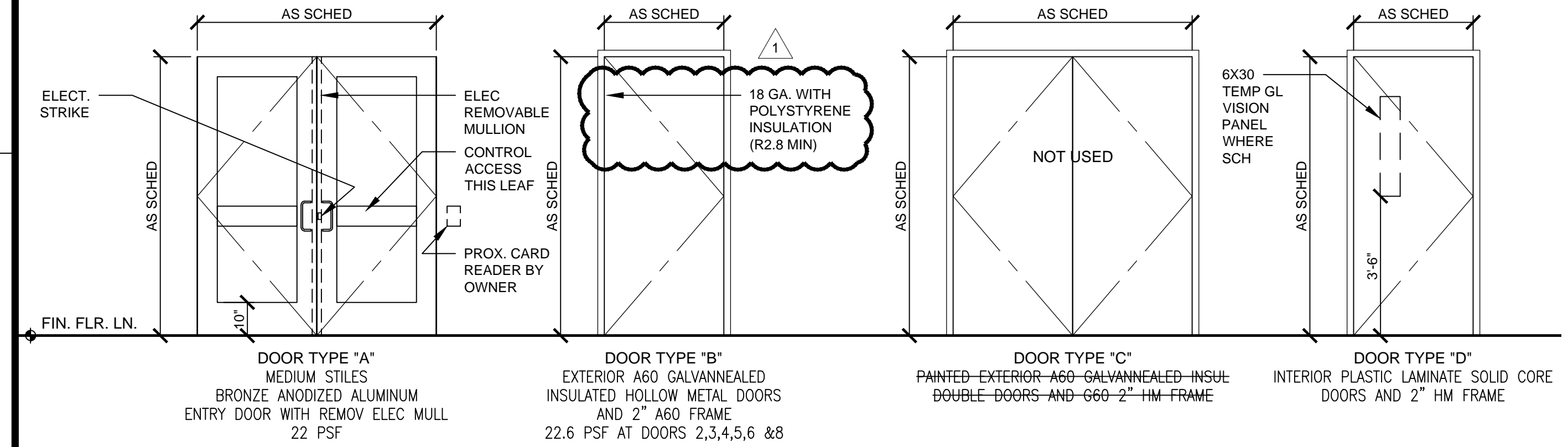
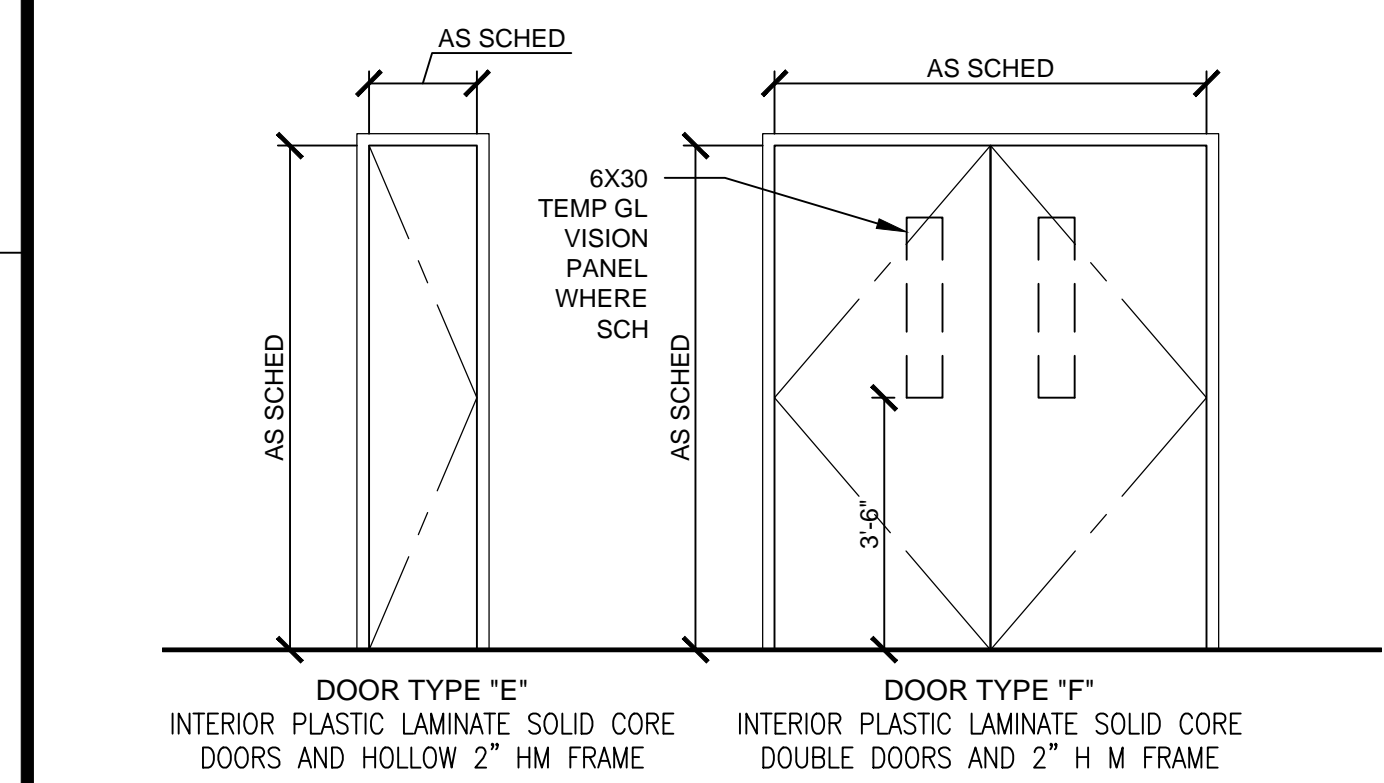
SPINDLETOP SILSBEE
Spindletop MHR

Silsbee, TX 77656
222 E Durbin Drive

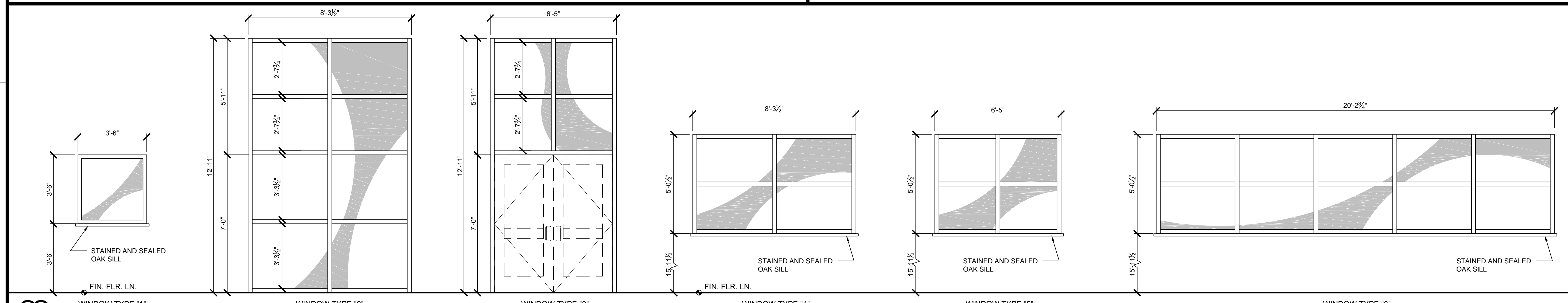
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BIDS & CONSTRUCTION [X]
DATE: 2/28/2021
REVISION: [X]
DATE: 3/7/2022
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
DOORS AND WINDOWS
SHEET NUMBER
A200R1
21061

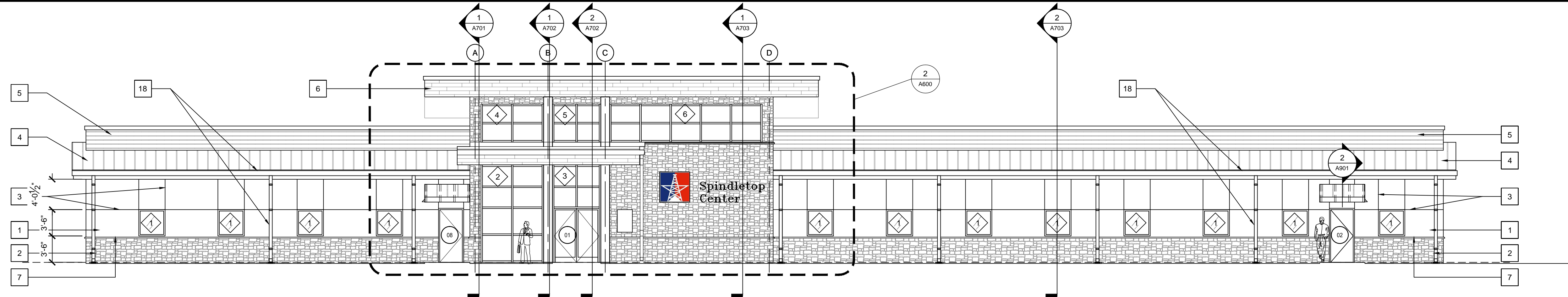
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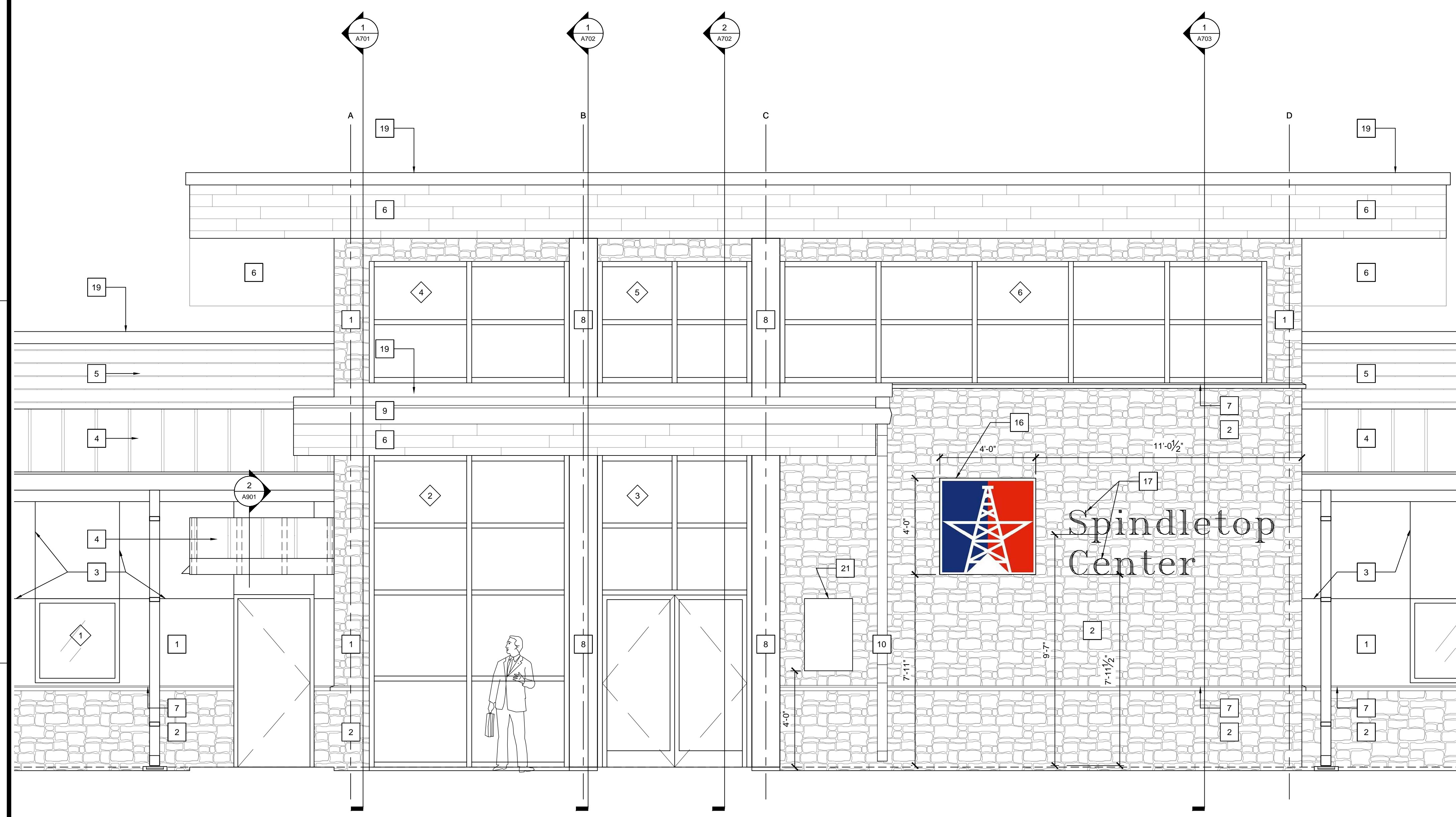
1 DOOR TYPES
SCALE: 3/8" = 1'-0"



2 WINDOW TYPES
SCALE: 3/8" = 1'-0"



1 NORTH ELEVATION (FRONT ELEVATION)
SCALE: 1/8" = 1'-0"



2 PARTIAL ENLARGED NORTH ELEVATION (FRONT ELEVATION)
SCALE: 3/8" = 1'-0"



- ### KEY NOTES
1. CEMENT PLASTER WITH ELASTOMERIC COATING
 2. CULTURED STONE OVER CEMENT PLASTER
 3. PLASTER CONTROL JOINTS
 4. STANDING SEAM METAL ROOF, COLOR: ASH GRAY
 5. GRAY SHADOW RIB HORIZONTAL METAL SIDING
 6. EXTRUDED ALUMINUM 6" PLANK FAUX WOOD SIDING / SOFFIT
 7. CULTURED STONE WATERTABLE
 8. VERTICAL PANEL SIDING PILASTER
 9. NEW KYNAR FINISH 6"D x 7"W GUTTERS, COLOR: MIDNIGHT BRONZE AND RAKE TRIM
 10. KYNAR FINISH 4" x 5" DOWNSPOUT, COLOR: ASH GRAY
 11. KYNAR FINISH ALUM. FLASHING AND GALLY W/FEET SLOPED
 12. REMOVE EXISTING AND REPLACE WITH NEW 26 GA. KYNAR FINISH R-PANEL, 36" COVERAGE WITH RIBS AT 12" CENTERS
 13. NEW KYNAR FINISH 6" x 7" W GUTTERS, 4" x 8" DOWNSPOUTS AND CONCRETE SPLASH BLOCKS AT BACK ELEVATION, COLOR: ASH GRAY
 14. SEE ENGINEERED METAL FABRICATION COMPANY REF. 0001 PLAN FOR DIMENSION
 15. NOT USED
 16. RETROFIT LED ALUMINUM SIGN WITH DIGITAL PRINT FACE WITH REMOTELY LOCATED POWER SUPPLY MOUNTED IN MEZZANINE
 17. BACKLIT LED ALUMINUM LETTERS, 1'-0" TALL. REMOTELY LOCATE TRANSFORMER FOR SIGN IN MEZZANINE
 18. NEW KYNAR FINISH 6"D x 7"W GUTTERS, COLOR: MIDNIGHT BRONZE AND KYNAR FINISH 4" x 5" DOWNSPOUTS, COLOR: ASH GRAY AND CONCRETE SPLASH BLOCKS AT FRONT ELEVATION
 19. KYNAR FINISH BRAKE METAL TRIM WITH CONCEALED CLEAT, COLOR: ASH GRAY
 20. KYNAR FINISH FLASHING AND COUNTER FLASHING, REF. 1H/A704 SIM. ASH GRAY
 21. CAST BRONZE BUILDING PLAQUE, REF. 3/A600

SPINDLETOP CENTER SILSBEE

Promoting Healthy Living in our Community

ARCHITECTURAL ALLIANCE, INC.
RONALD M. JONES, AIA J. ROB CLARK, AIA

GENERAL CONTRACTOR
GENERAL CONTRACTOR

2022

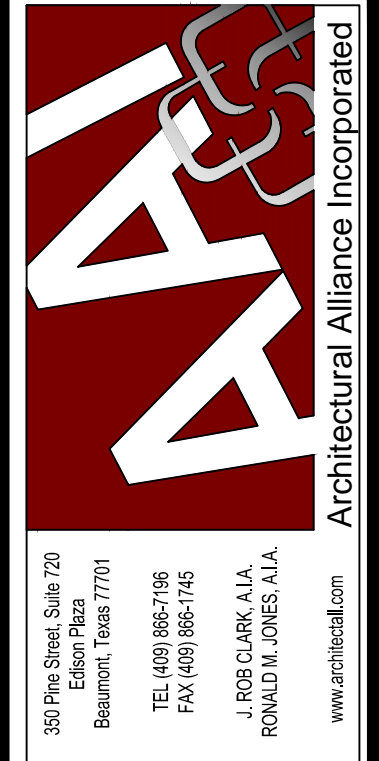
GOTHIC ENGRAVED CHARACTERS. PROVIDE SCALED LAYOUT & RUBBING TO ARCHITECT FOR APPROVAL

LEATHERETTE BACKGROUND

POLISHED BEVELED EDGE

NOTE:
1. CONTRACTOR TO VERIFY ALL TEXT AND MUST BE SIGNED AND APPROVED BY ARCHITECT FOR SPINDLETOP MHMR.
2. INSTALL IN LOCATION AS DIRECTED BY ARCHITECT.

3 CAST BRONZE BUILDING PLAQUE
SCALE: 3/4" = 1'-0"



3/8/2022

SPINDLETOP SILSBEE
Spindletop MHMR

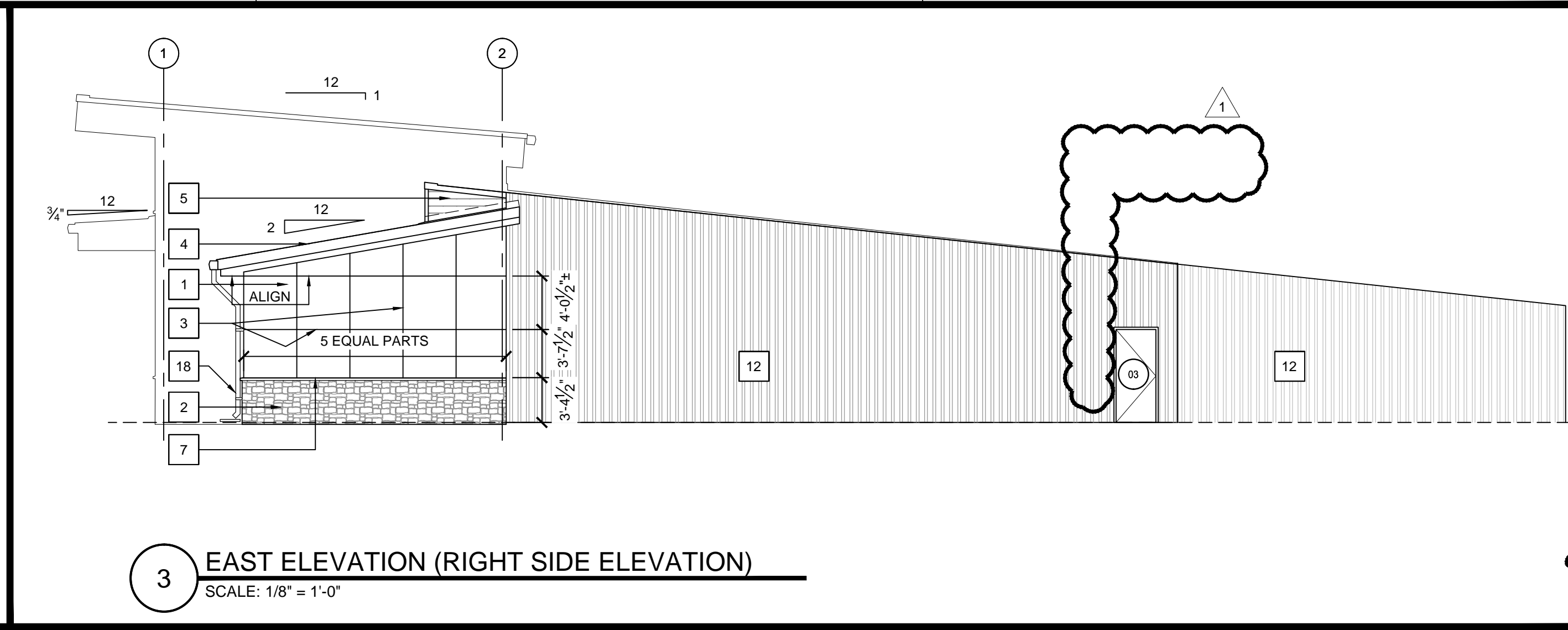
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BIDS & CONSTRUCTION DATE: 2/28/2021
REVISION: 1 DATE: 3/7/2022
REVISION: DATE:
REVISION: DATE:

222 E Durbin Drive
Silsbee, TX 77656

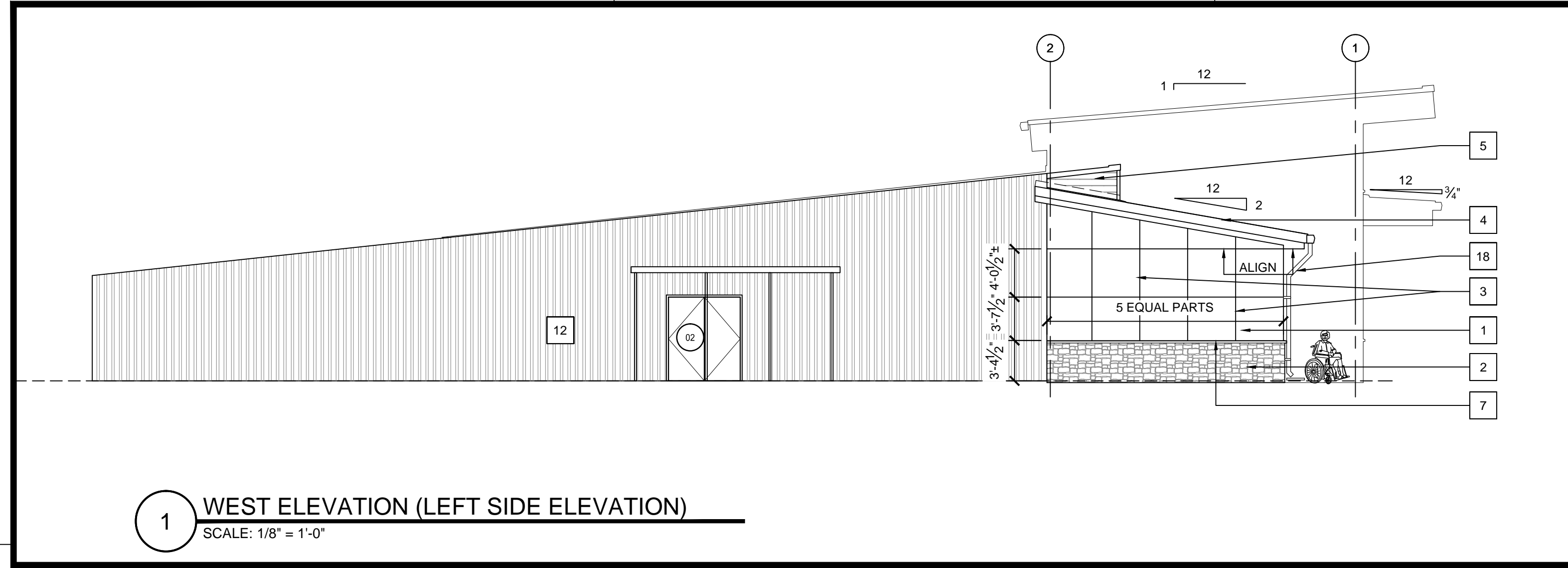
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EXTERIOR ELEVATIONS

SHEET NUMBER
A600R1
21061
PROJECT NUMBER

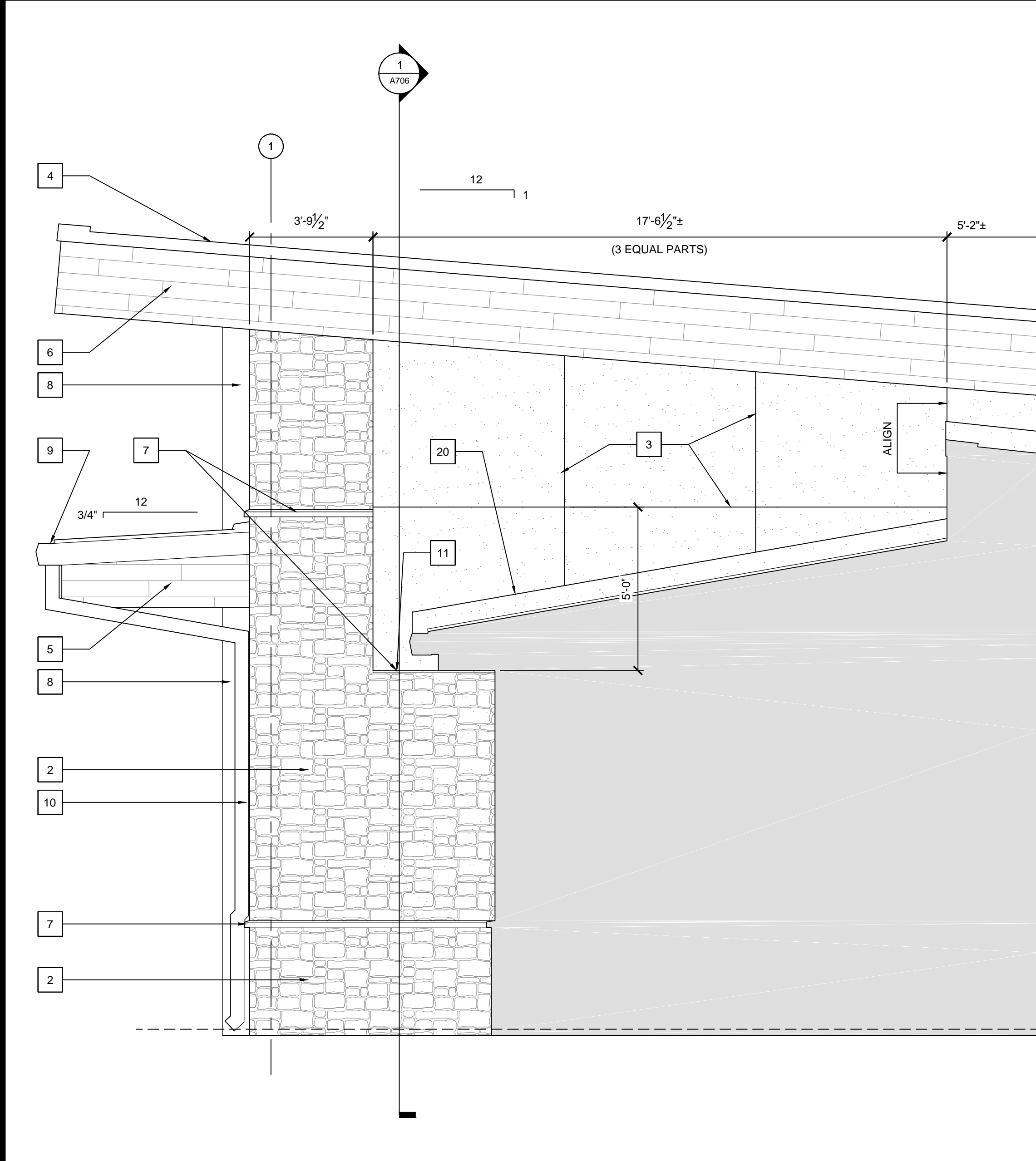
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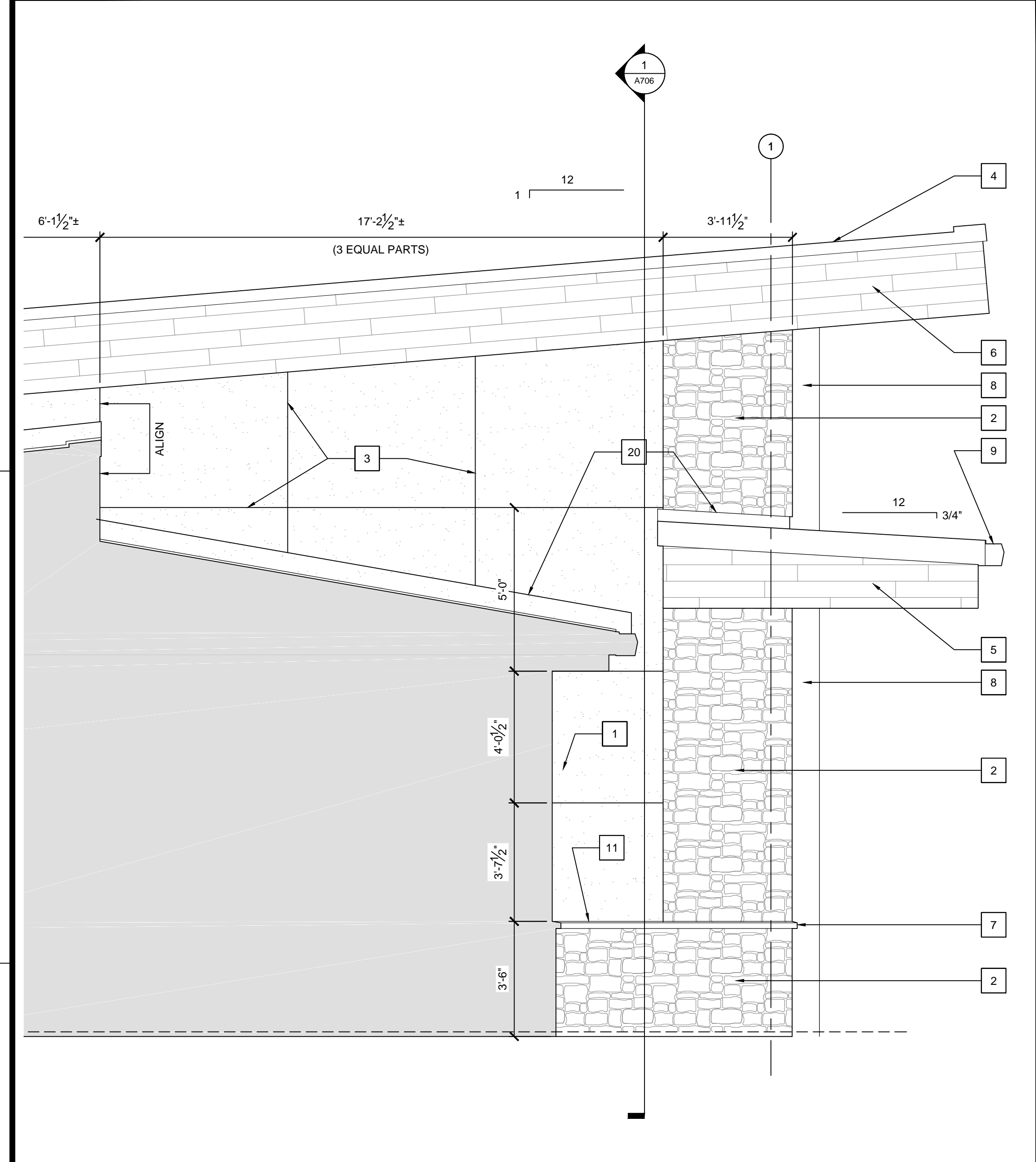
3 EAST ELEVATION (RIGHT SIDE ELEVATION)
 SCALE: 1/8" = 1'-0"



1 WEST ELEVATION (LEFT SIDE ELEVATION)
 SCALE: 1/8" = 1'-0"

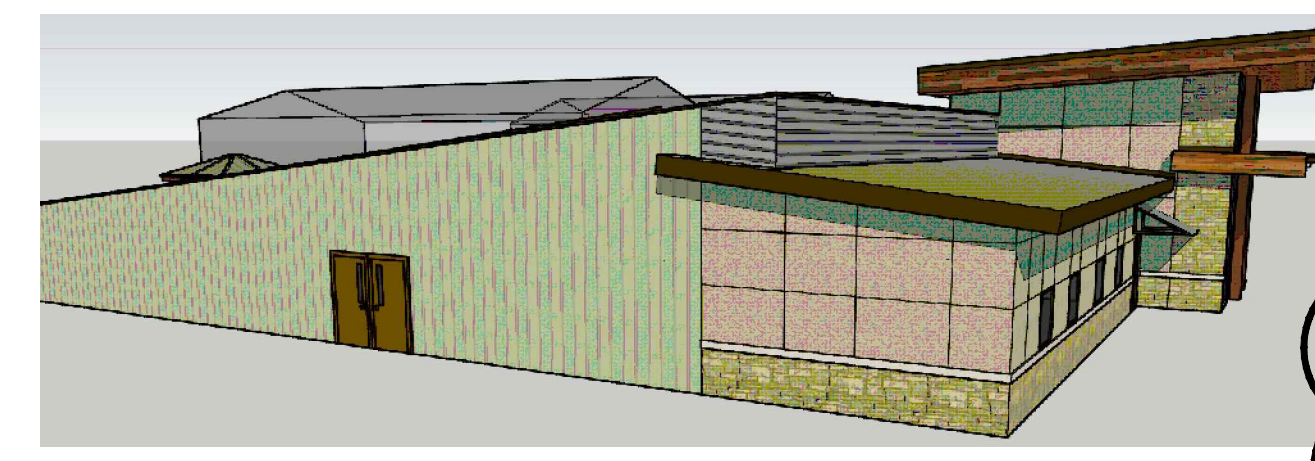
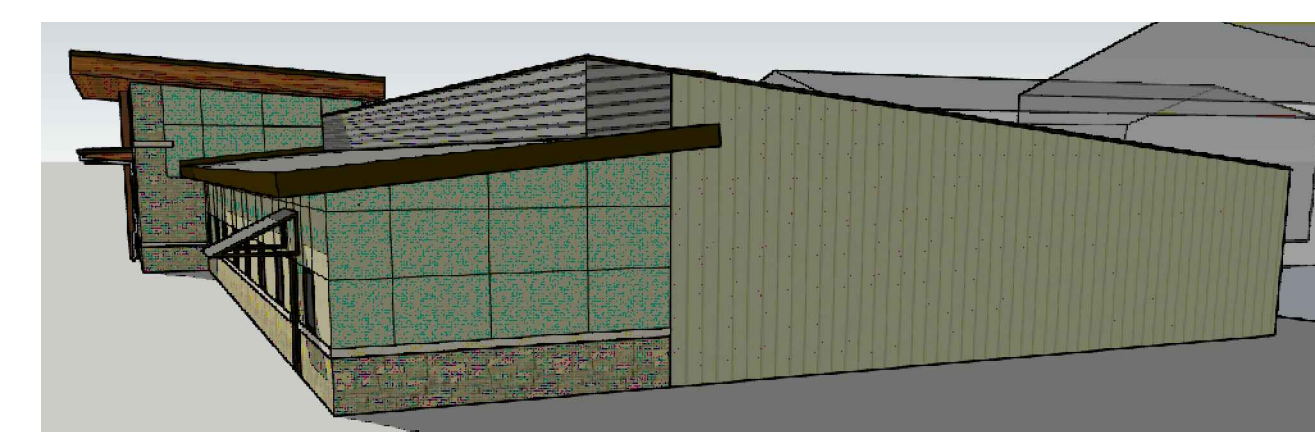


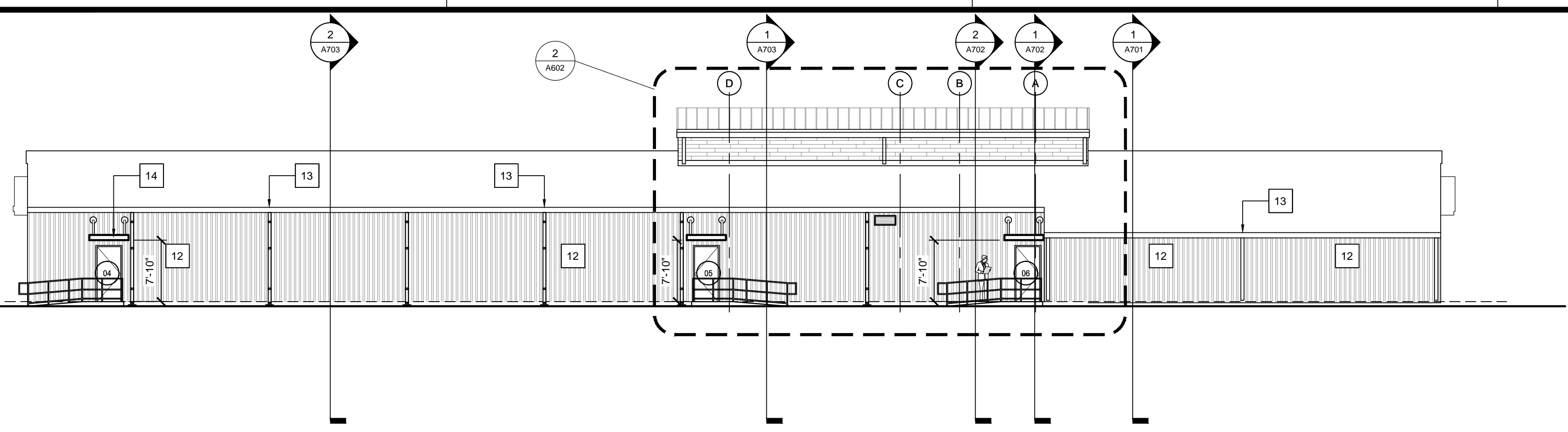
4 PARTIAL EAST ELEVATION
 SCALE: 3/8" = 1'-0"



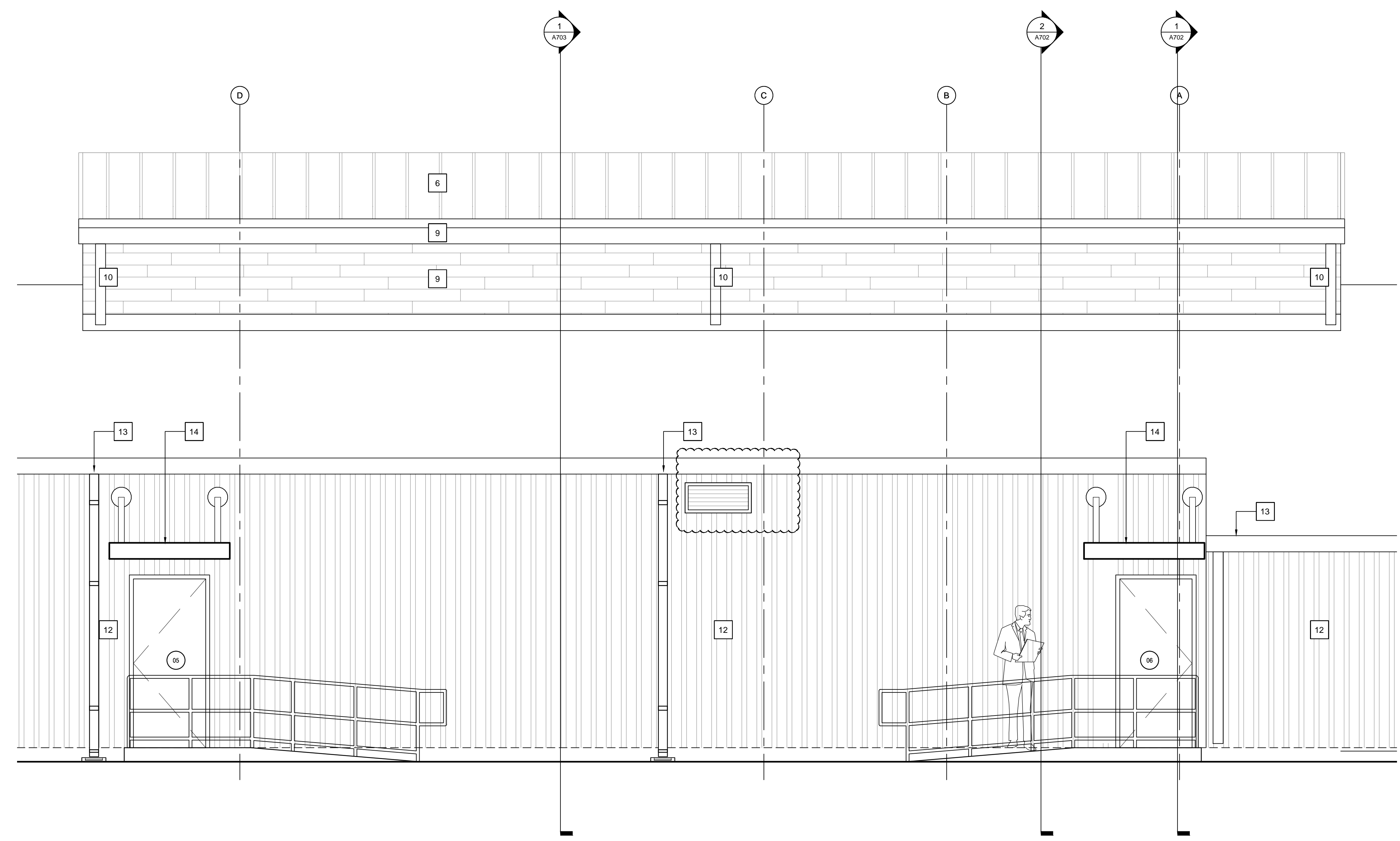
2 PARTIAL WEST ELEVATION
 SCALE: 3/8" = 1'-0"

- ### KEY NOTES
1. CEMENT PLASTER WITH ELASTOMERIC COATING
 2. CULTURED STONE OVER CEMENT PLASTER
 3. PLASTER CONTROL JOINTS
 4. STANDING SEAM METAL ROOF, COLOR: ASH GRAY
 5. GRAY SHADOW RIB HORIZONTAL METAL SIDING
 6. EXTRUDED ALUMINUM 6" PLANK FAUX WOOD SIDING / SOFFIT
 7. CULTURED STONE WATERTABLE
 8. VERTICAL PANEL SIDING PILASTER
 9. NEW KYNAR FINISH 6"D x 7"W GUTTERS, COLOR: MIDNIGHT BRONZE AND RAKE TRIM
 10. KYNAR FINISH 4" x 5" DOWNSPOUT, COLOR: ASH GRAY
 11. KYNAR FINISH ALUM. FLASHING AND GALV. WEEP SCREED
 12. REMOVE EXISTING AND REPLACE WITH NEW 26 GA. KYNAR FINISH R-PANEL, 36" COVERAGE WITH RIBS AT 12" CENTERS
 13. NEW KYNAR FINISH 6"D x 7"W GUTTERS, 4" x 5" DOWNSPOUTS AND CONCRETE SPLASH BLOCKS AT BACK ELEVATION, COLOR: ASH GRAY
 14. ENGINEERED METAL RYERBROW CANOPY, REF. ROOF PLAN FOR DIMENSION
 15. NOT USED
 16. INTERNALLY LIT ALUMINUM FRAMED SIGN WITH DIGITAL PRINT FACE WITH REMOTELY LOCATED POWER SUPPLY MOUNTED IN MEZZANINE
 17. BACKLIT LED ALUMINUM LETTERS, 1'-0" TALL, REMOTELY LOCATE TRANSFORMER FOR SIGN IN MEZZANINE
 18. NEW KYNAR FINISH 6"D x 7"W GUTTERS, COLOR: MIDNIGHT BRONZE AND KYNAR FINISH 4" x 5" DOWNSPOUTS, COLOR: ASH GRAY AND CONCRETE SPLASH BLOCKS AT FRONT ELEVATION
 19. KYNAR FINISH BRAKE METAL TRIM WITH CONCEALED CLEAT, COLOR: ASH GRAY
 20. KYNAR FINISH FLASHING AND COUNTER FLASHING, REF. 1H/A704 SIM. ASH GRAY
 21. CAST BRONZE BUILDING PLAQUE, REF. 3/A600



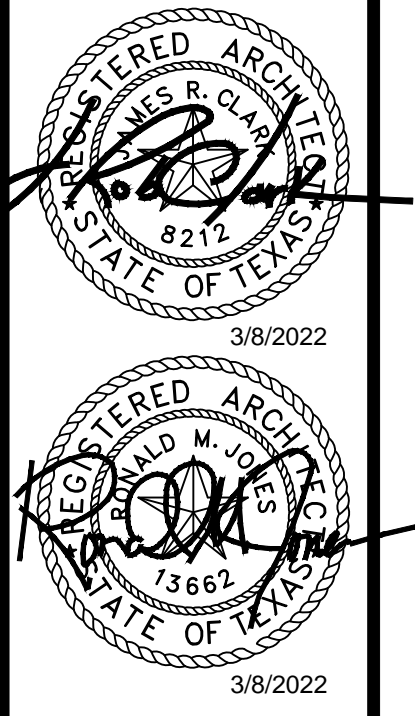
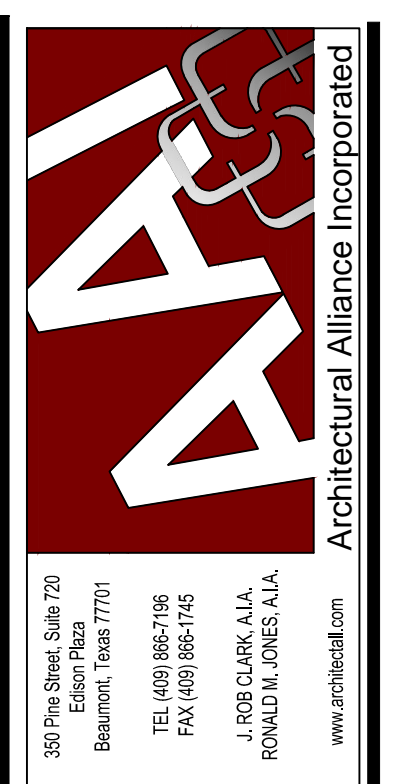
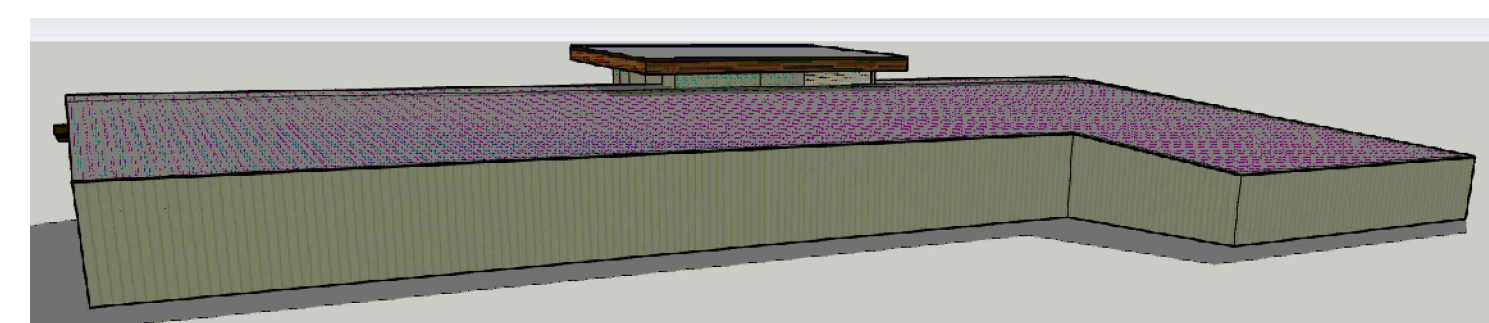


1 EXTERIOR ELEVATIONS
SCALE: 3/32" = 1'-0"



2 PARTIAL EXTERIOR ELEVATION
SCALE: 3/8" = 1'-0"

- ### KEY NOTES
1. CEMENT PLASTER WITH ELASTOMERIC COATING
 2. CULTURED STONE OVER CEMENT PLASTER
 3. PLASTER CONTROL JOINTS
 4. STANDING SEAM METAL ROOF, COLOR: ASH GRAY
 5. GRAY SHADOW RIB HORIZONTAL METAL SIDING
 6. EXTRUDED ALUMINUM 6" PLANK FAUX WOOD SIDING / SOFFIT
 7. CULTURED STONE WATERTABLE
 8. VERTICAL PANEL SIDING PILASTER
 9. NEW KYNAR FINISH 6"D x 7"W GUTTERS, COLOR: MIDNIGHT BRONZE AND RAKE TRIM
 10. KYNAR FINISH 4" x 5" DOWNSPOUT, COLOR: ASH GRAY
 11. KYNAR FINISH ALUM. FLASHING AND GALV. WEEP SCREED
 12. REMOVE EXISTING AND REPLACE WITH NEW 26 GA. KYNAR FINISH R-PANEL, 36" COVERAGE WITH RIBS AT 12" CENTERS
 13. NEW KYNAR FINISH 6"D x 7"W GUTTERS, 4" x 5" DOWNSPOUTS AND CONCRETE SPLASH BLOCKS AT BACK ELEVATION; COLOR: ASH GRAY
 14. CONCEALED METAL CYBERON CANOPY, REF. ROOF PLAN FOR DIMENSION
 15. NOT USED
 16. INTERMEDIATE ALUMINUM FRAMED SIGN WITH DIGITAL PRINT FACE WITH REMOTELY LOCATED POWER SUPPLY MOUNTED IN MEZZANINE
 17. BACKLIT LED ALUMINUM LETTERS, 1'-0" TALL. REMOTELY LOCATE TRANSFORMER FOR SIGN IN MEZZANINE
 18. NEW KYNAR FINISH 6"D x 7"W GUTTERS, COLOR: MIDNIGHT BRONZE AND KYNAR FINISH 4" x 5" DOWNSPOUTS, COLOR: ASH GRAY AND CONCRETE SPLASH BLOCKS AT FRONT ELEVATION
 19. KYNAR FINISH BRAKE METAL TRIM WITH CONCEALED CLEAT, COLOR: ASH GRAY
 20. KYNAR FINISH FLASHING AND COUNTER FLASHING, REF. 1H/A704 SIM. ASH GRAY
 21. CAST BRONZE BUILDING PLAQUE, REF. 3/A600



SPINDLETOP SILSBEE
Spindletop MHMR
222 E Durbin Drive
Silsbee, TX 77656

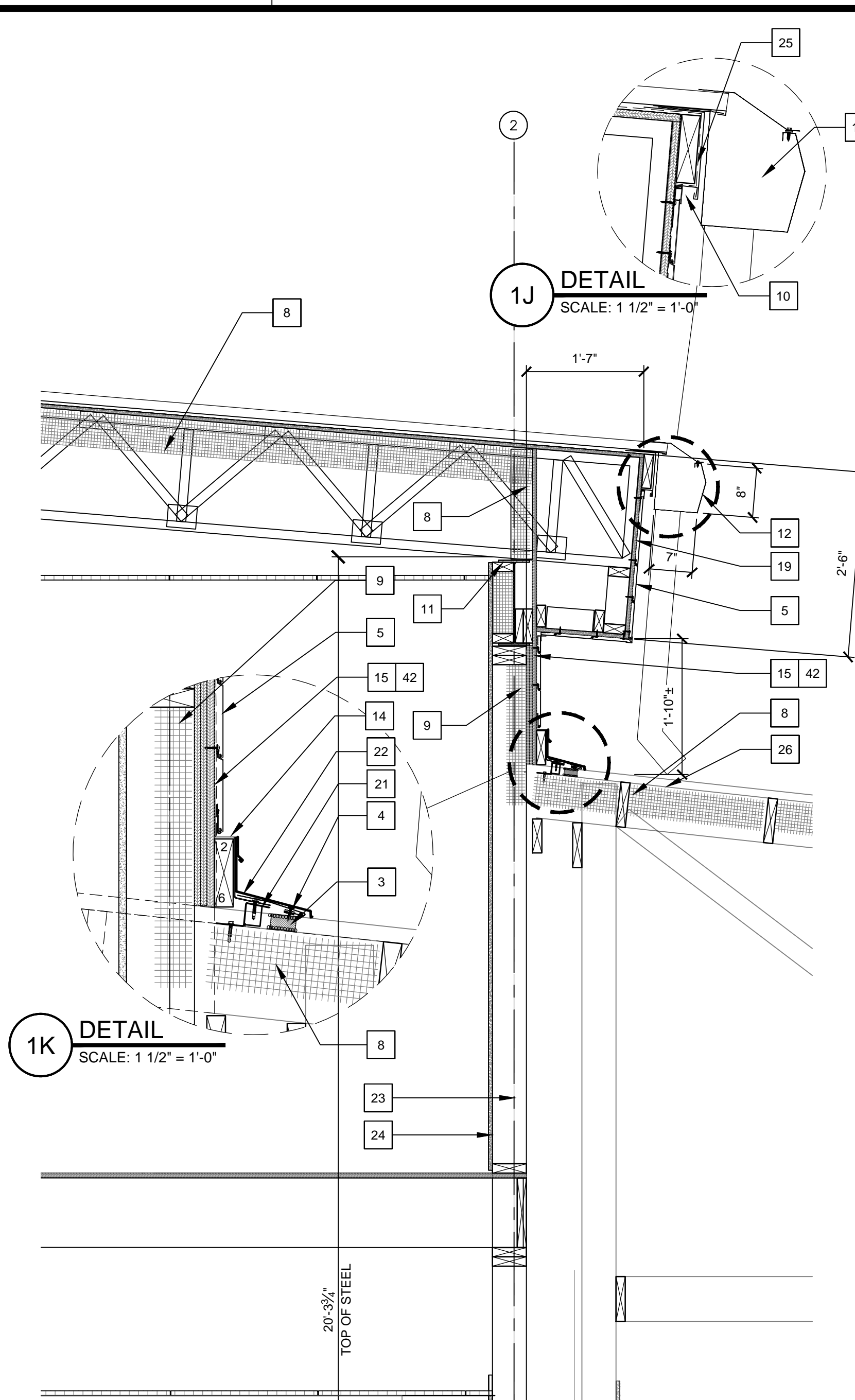
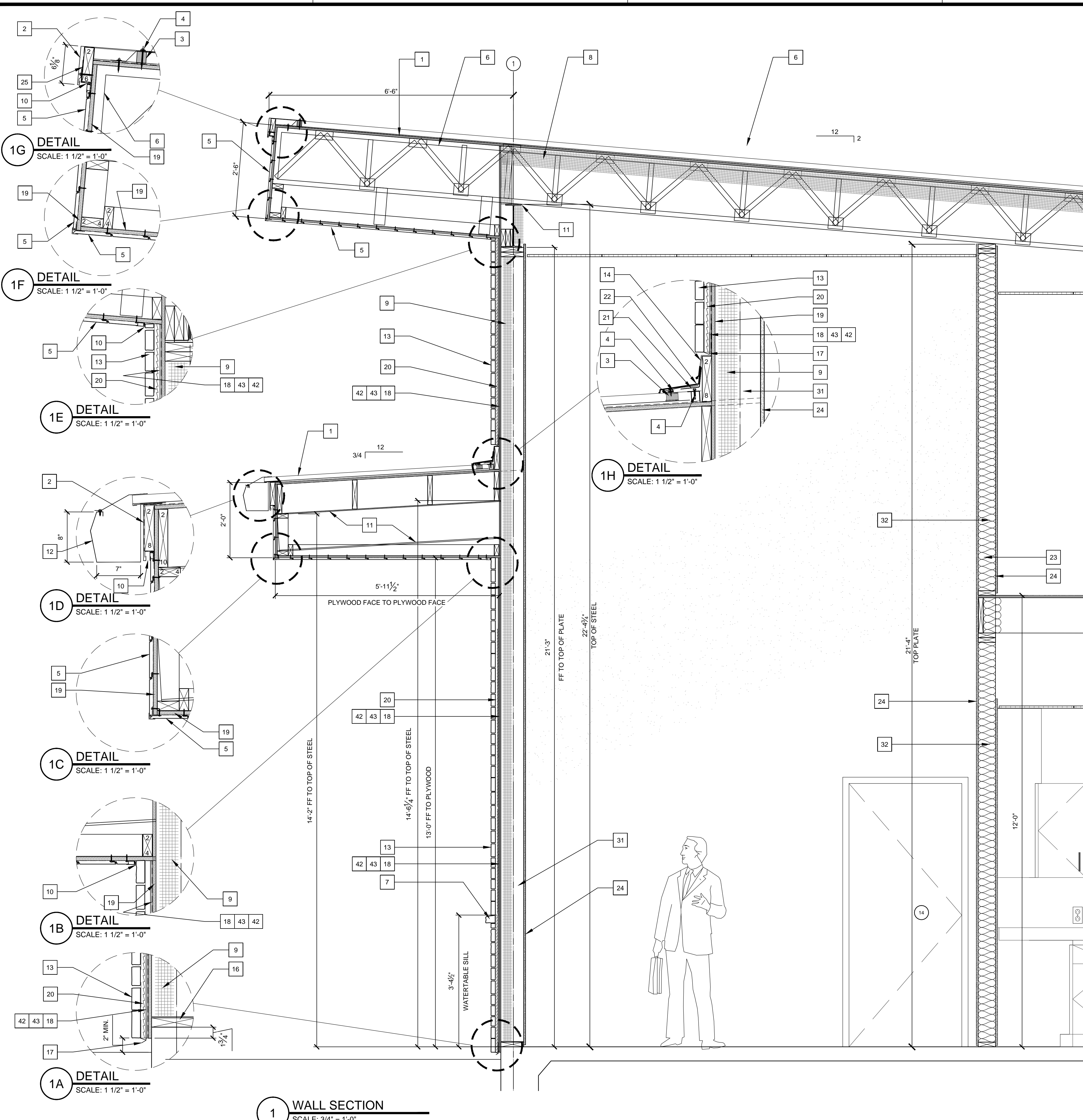
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EXTERIOR ELEVATIONS

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PROJECT NUMBER

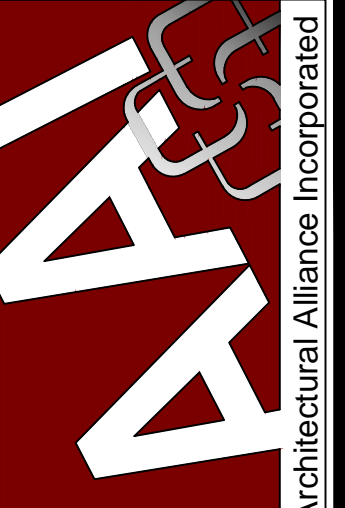
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KEYNOTES


1. KYNAR 'ASH GRAY' FINISHED STANDING SEAM METAL ROOF OVER ICE AND WATER SHIELD ON 3/4" CDX PLYWOOD.
2. KYNAR 'ASH GRAY' FINISH BRAKE METAL WITH CONCEALED CLEAT
3. ROOF FOAM CLOSURE EMBEDDED IN SEALANT.
4. STAINLESS STEEL WEATHERHEAD ROOFING SCREW (TYP)
5. EXTRUDED ALUMINUM 6" PLANK FAUX WOOD SIDING OVER LIQUID APPLIED WEATHER BARRIER ON 5/8" PLYWOOD.
6. WOOD TRUSS. REFER TO STRUCTURAL.
7. CULTURED STONE WATERTABLE SILL
8. R-38 CLOSED CELL SPRAY FOAM INSULATION ON UNDERSIDE OF ALL ROOF PANELS
9. R-20 CLOSED CELL SPRAY FOAM INSULATION IN ALL EXTERIOR WALLS.
10. SEALANT
11. STRUCTURAL W-FLANGE BEAM. REFER TO STRUCTURAL
12. KYNAR 'MIDNIGHT BRONZE' FINISHED METAL GUTTER AND 'ASH GRAY' DOWNSPOUTS.
13. CULTURED STONE THIN SET OVER CEMENT PLASTER.
14. KYNAR 'ASH GRAY' FINISHED BRAKE METAL FLASHING TURNED UP MIN 8" BEHIND SIDING.
15. TWO LAYERS 1/2" PLYWOOD OVER ONE LAYER 5/8" PLYWOOD SHEATHING ALONG THIS ENTIRE WALL
16. TREATED SOLE PLATE (TYPICAL)
17. ZINC WEEP SCREED
18. MTI SURE CAVITY SC 5016 RAINSCREEN DRAINAGE SYSTEM INSTALLED OVER DUPONT COMMERCIAL WRAP
19. 5/8" PLYWOOD SHEATHING WITH DUPONT TYVEK LIQUID APPLIED WEATHER BARRIER ON EXT. FACE (TYPICAL)
20. CEMENT PLASTER WITH ZINC SELF-FLURING METAL LATH
21. 16 GA. BENT METAL FLASHING SUPPORT ANGLE.
22. KYNAR 'ASH GRAY' FINISHED BRAKE METAL COUNTER FLASHING.
23. 2X6 @ 16" O.C. (TYPICAL)
24. 5/8" GYPSUM BOARD (TYPICAL)
25. TURN ICE AND WATER SHIELD DOWN FACE OF 2X AND TERMINATE ON PLYWOOD TO FORM A CONTINUOUS AIR-TIGHT SEAL WITH THE FLUID APPLIED WEATHER BARRIER.
26. EXISTING R-PANEL METAL ROOF TO REMAIN. REMOVE ALL EXIST. WEATHERHEAD SCREWS AND REPLACE WITH NEW CUPPED WASHER HEAD STAINLESS STEEL WEATHERHEAD SCREWS WITH NEOPRENE RUBBER
27. KYNAR 'ASH GRAY' FINISHED SHADOWRIB HORIZONTAL METAL SIDING, OVER LIQUID APPLIED WEATHER BARRIER ON 5/8" PLYWOOD.
28. CEMENT PLASTER CONTROL JOINTS
29. KYNAR 'ASH GRAY' FINISHED BRAKE METAL HIGH SIDE PEAK TRIM WITH CONCEALED CLEAT
30. KYNAR 'ASH GRAY' FINISHED BRAKE METAL STANDING SEAM RAKE TRIM WITH CONCEALED CLEAT
31. 2X8 @ 16" OC (TYPICAL) AND 8" OC. WITHIN 3'-0" OF BUILDING CORNERS, REF. STRUCTURAL
32. 5/2" THICK FIBERGLASS UNFACED BATT INSULATION
33. WRAP ALL EXPOSED WOOD WITH KYNAR 'MIDNIGHT BRONZE' FINISHED BRAKE METAL (TYPICAL)
34. 4x4 WOOD BEAM SHIMMED WITH 2X4 BOTH SIDES INSIDE STUD CAVITY, REF. STRUCTURAL
35. WINDOW AS SCHED. PROV. KYNAR HEAD FLASHING/ SILL FLASHING W/ END DAMS BOTH ENDS, SET ON BED OF SEALANT.
36. STAINED AND SEALED OAK SILL
37. ALUMINUM STOREFRONT ENTRANCE AS SCHEDULED
38. VERTICAL EXTRUDED ALUMINUM PANEL SIDING OVER LIQUID APPLIED WEATHER BARRIER ON 5/8" PLYWOOD
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40. PLASTIC SHIM, BACKER ROD AND SEALANT
41. KYNAR FIN. ALUMINUM SILL FLASHING W/ END DAMS BOTH ENDS SET ON BED OF SEALANT. COLOR TO MATCH WDO. FRAMES
42. DUPONT TYVEK LIQUID APPLIED WEATHER BARRIER APPLIED OVER EXT. FACE OF 5/8" THK. PLYWOOD SHEATHING
43. DUPONT COMMERCIAL WRAP INSTALLED OVER TYVEK OVER LIQUID BARRIER
44. KYNAR FINISH BASE FLASHING WITH TOP PORTION INSTALLED OVER PLYWOOD AND LOWER HEMMED END SET OVER BED OF SEALANT
45. SEALANT OVER BACKER ROD
46. ELASTOMERIC COATING

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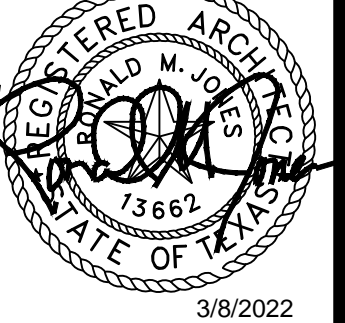


Architectural Alliance Incorporated

350 Pine Street, Suite 720
 Beaumont, Texas 77701
 TEL: (409) 699-1106
 FAX: (409) 699-9145
 J. RICH CLARK, AIA, FAS
 RONALD L. JONES, AIA, FAS
 www.aiaalliance.com



3/8/2022



3/8/2022

SPINDLETOP SILSBEE

Spindletop M/HMR

222 E. Durfijn Drive
 Silsbee, TX 77656

ISSUED FOR SCHEMATIC DESIGN

DATE: 11/15/2021

DESIGN DEVELOPMENT

DATE: 12/20/2021

BIDS & CONSTRUCTION

DATE: 2/28/2021

REVISION: 3/7/2022

DATE: 3/7/2022

REVISION: _____

DATE: _____

REVISION: _____

DATE: _____

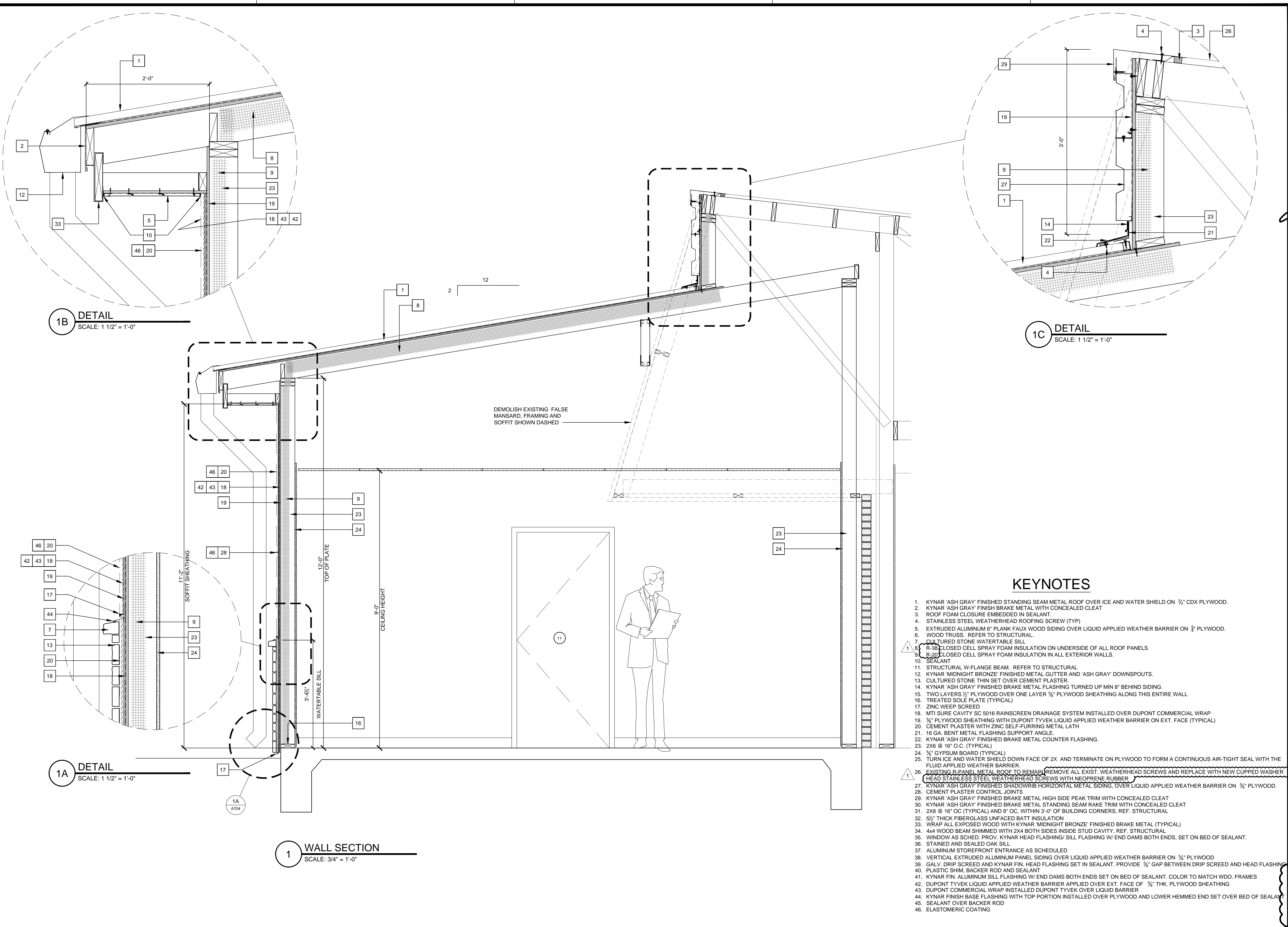
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WALL SECTION

SHEET NUMBER

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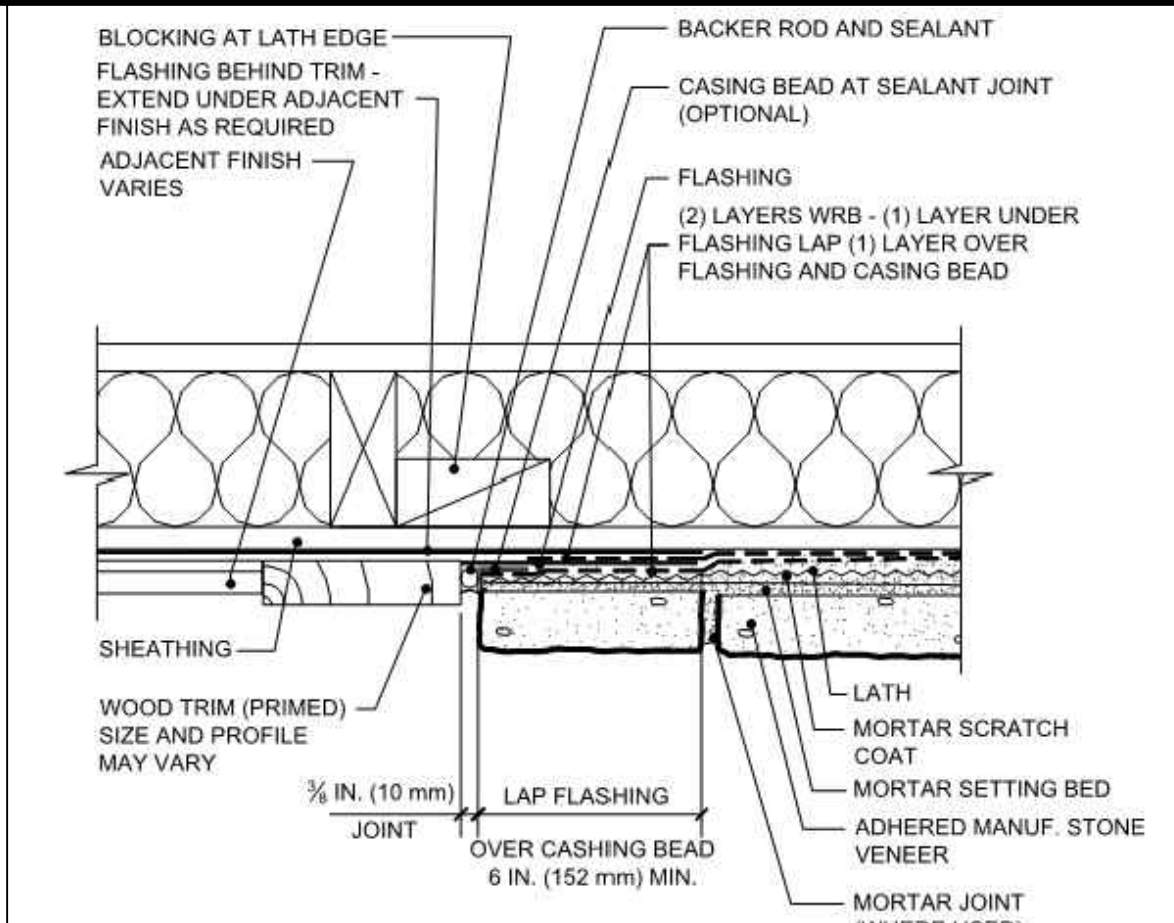
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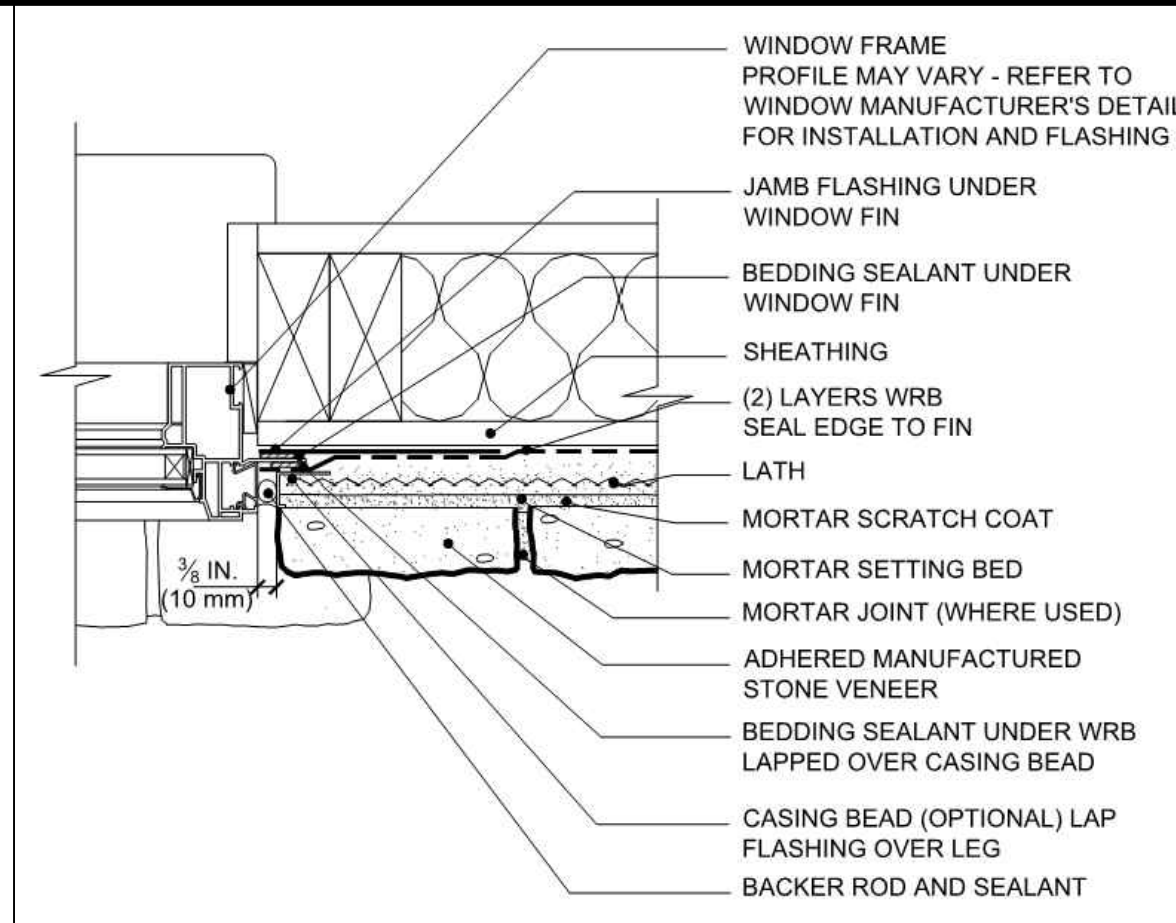
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KEYNOTES

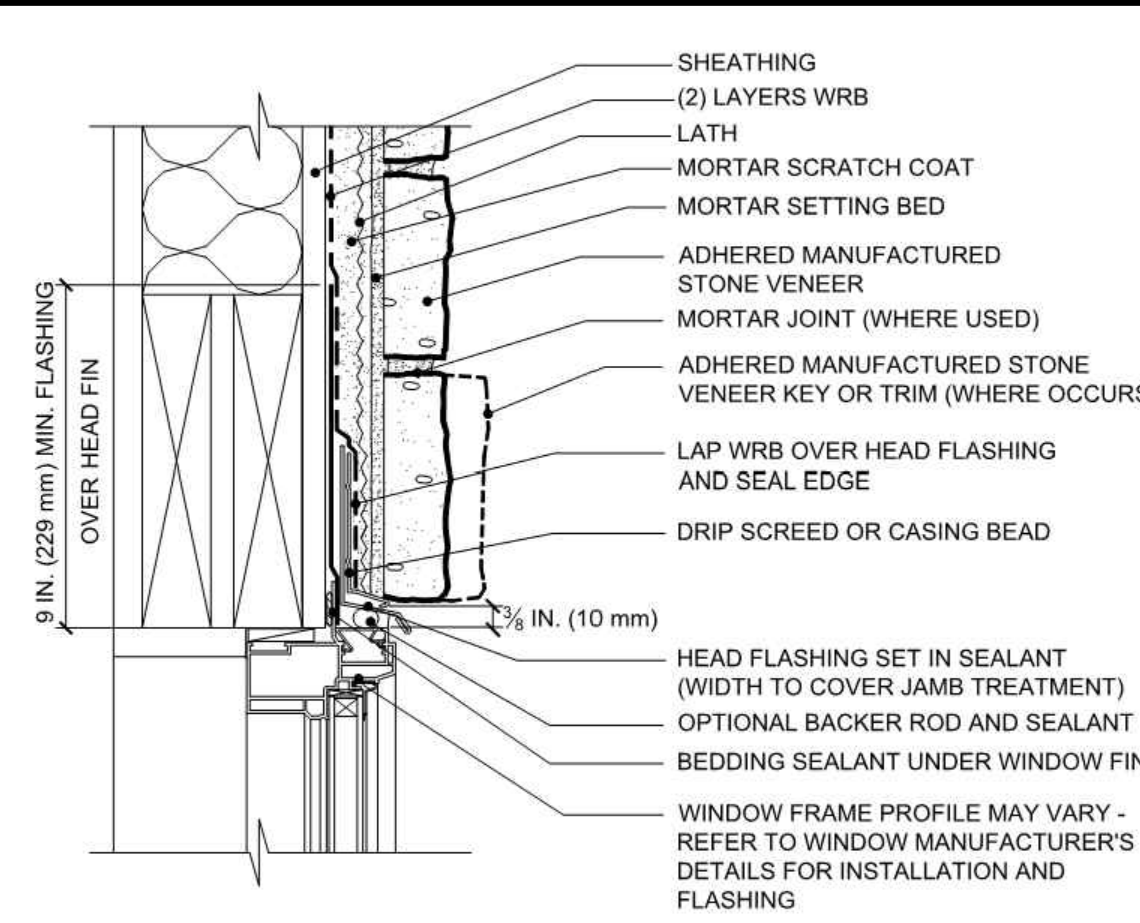
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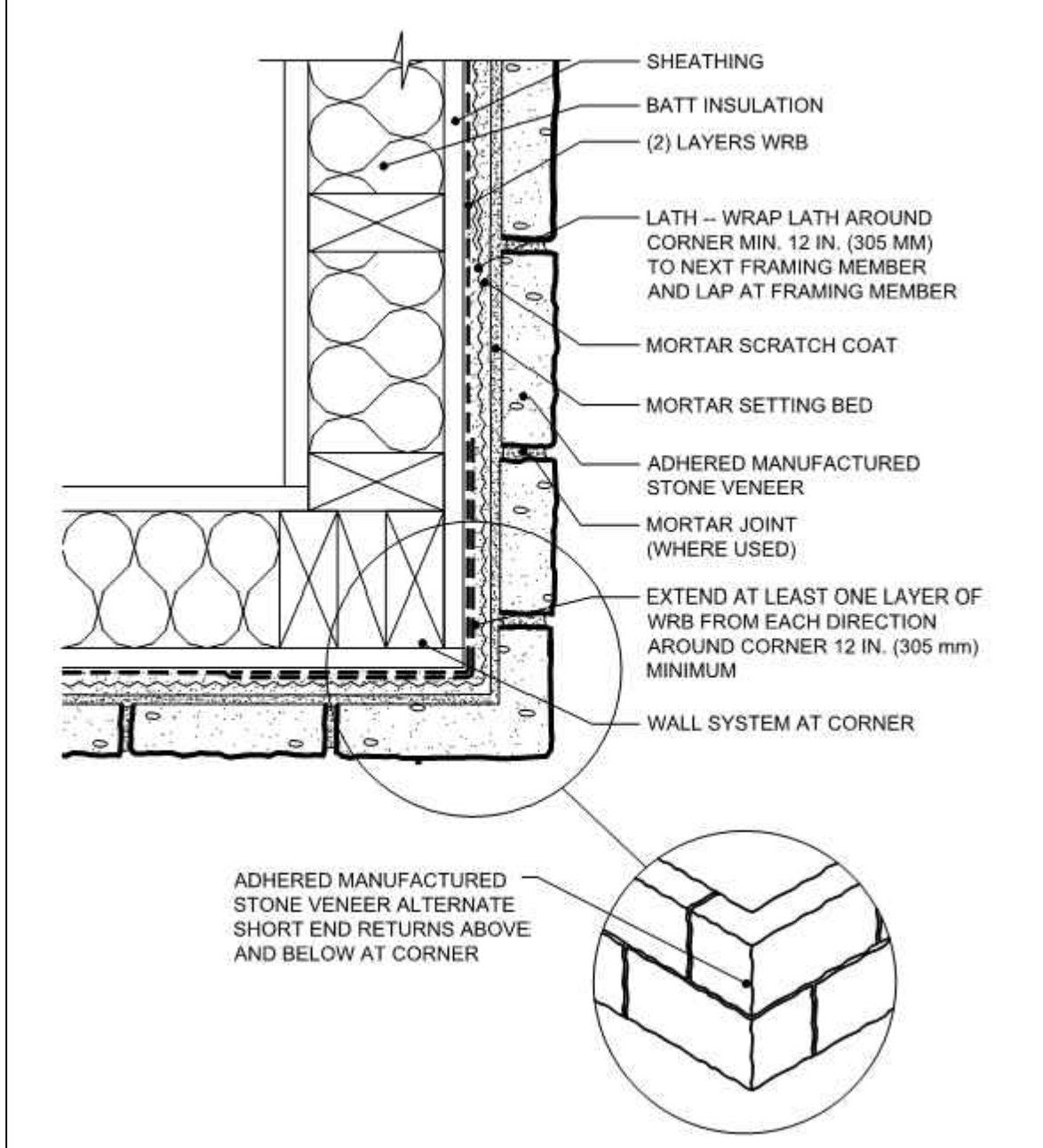
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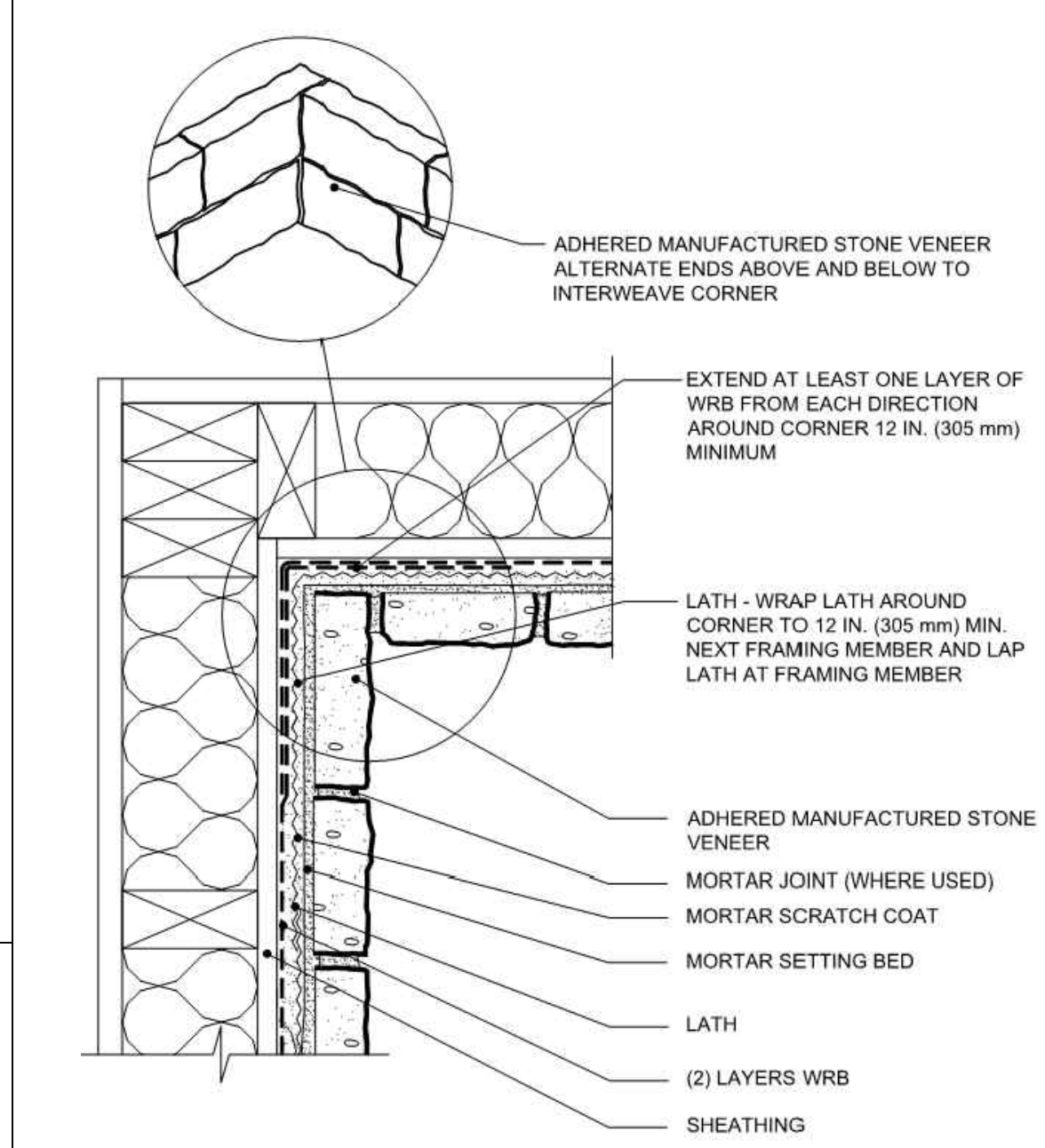
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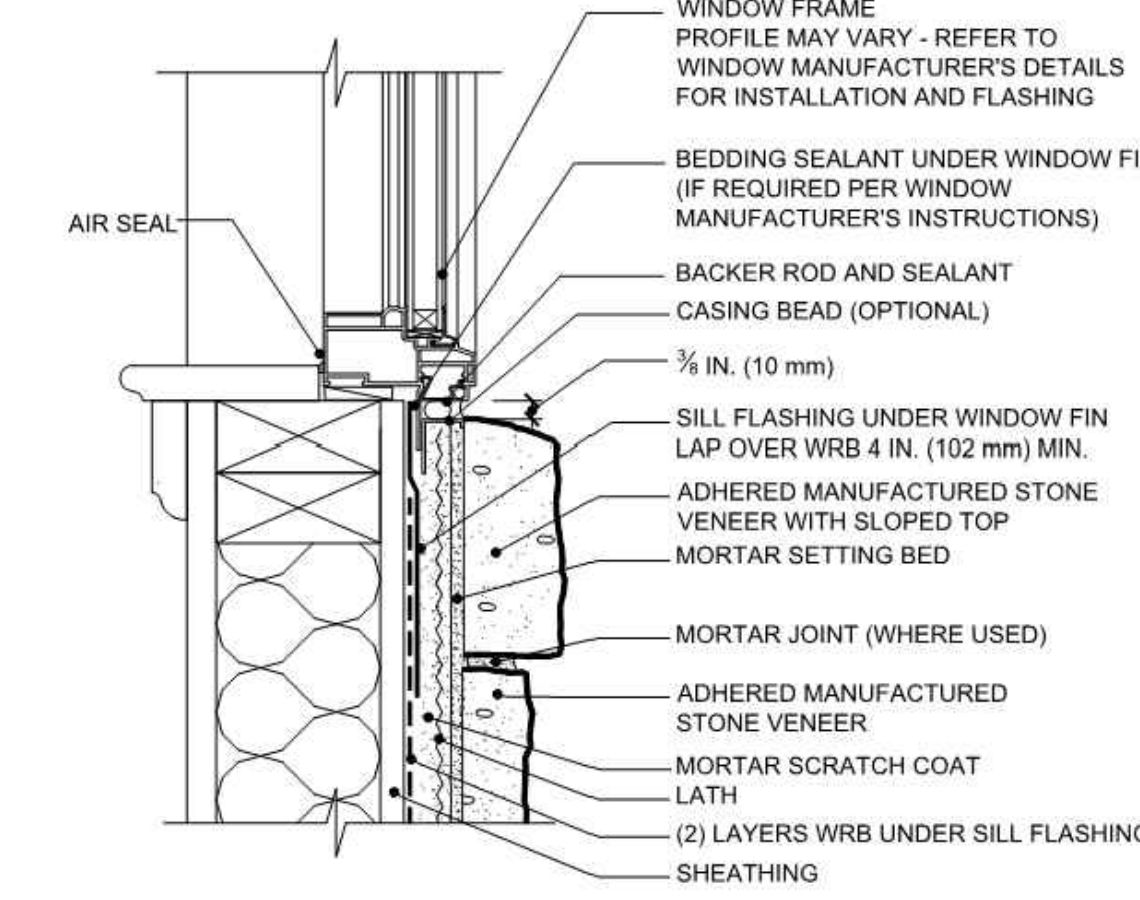
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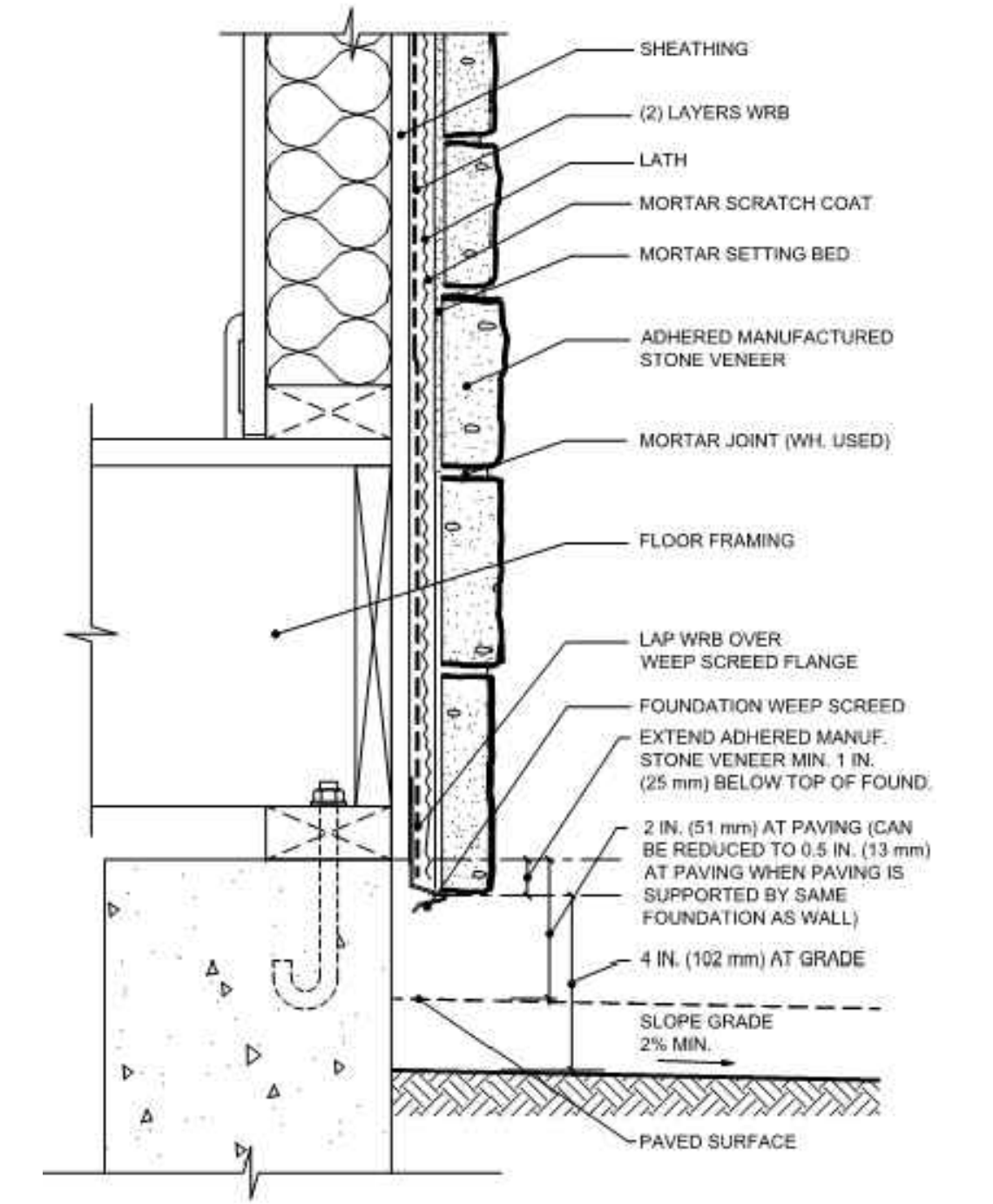
7 STONE VENEER - OUTSIDE CORNER
 NOT TO SCALE



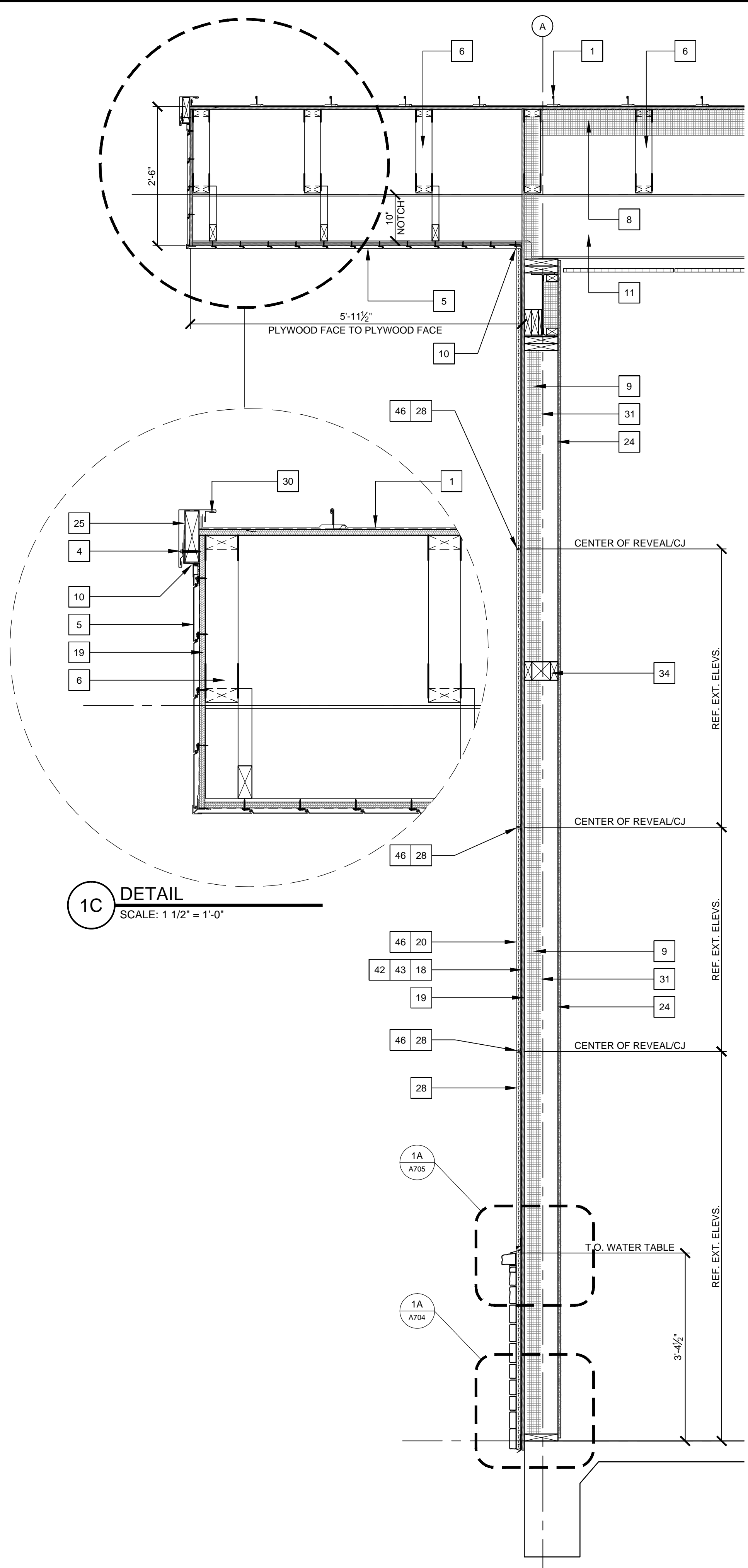
6 STONE VENEER - INSIDE CORNER
 NOT TO SCALE



5 STONE VENEER - WINDOW SILL
 NOT TO SCALE



8 STONE VENEER - FOUNDATION BASE
 NOT TO SCALE

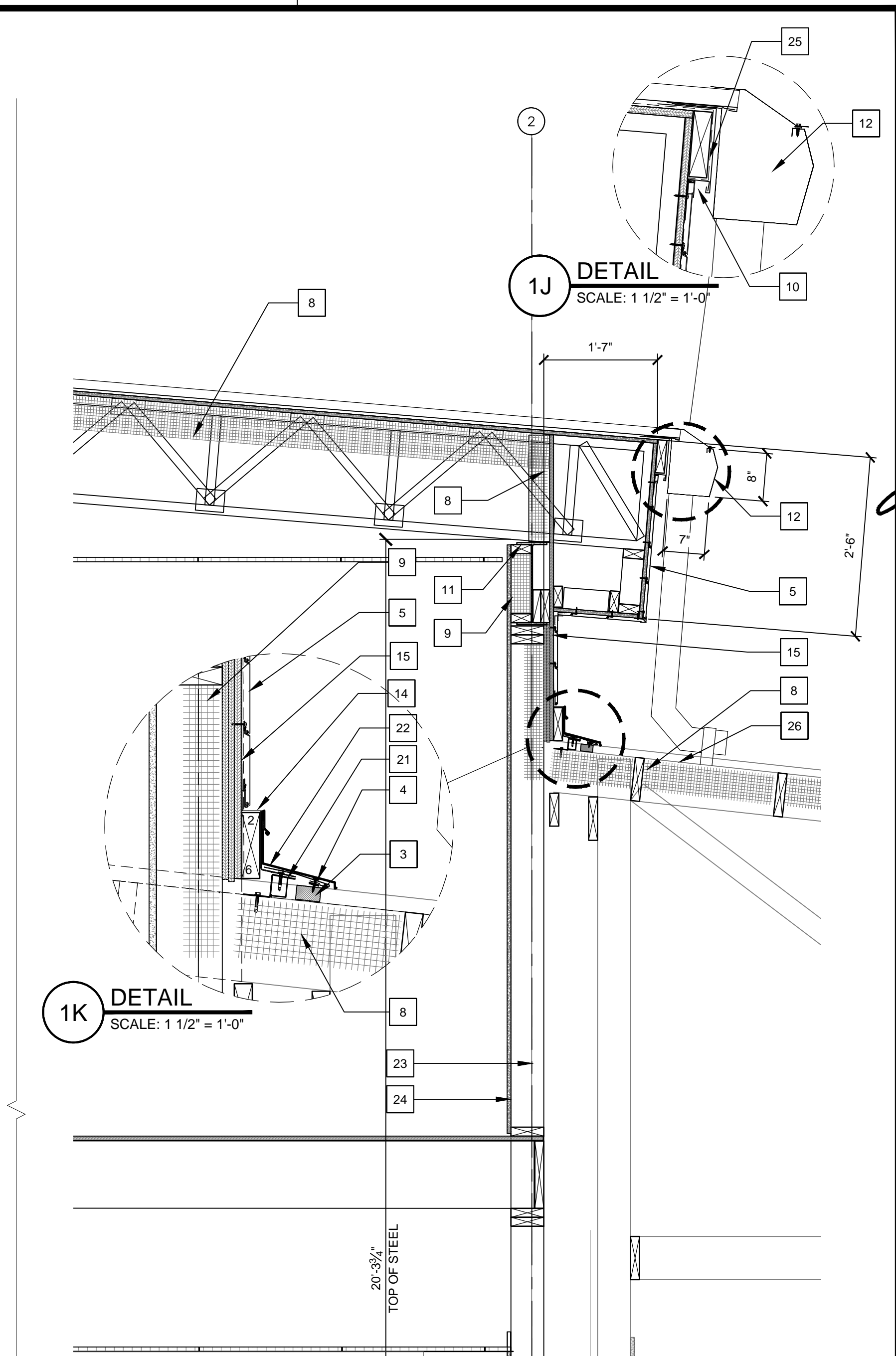
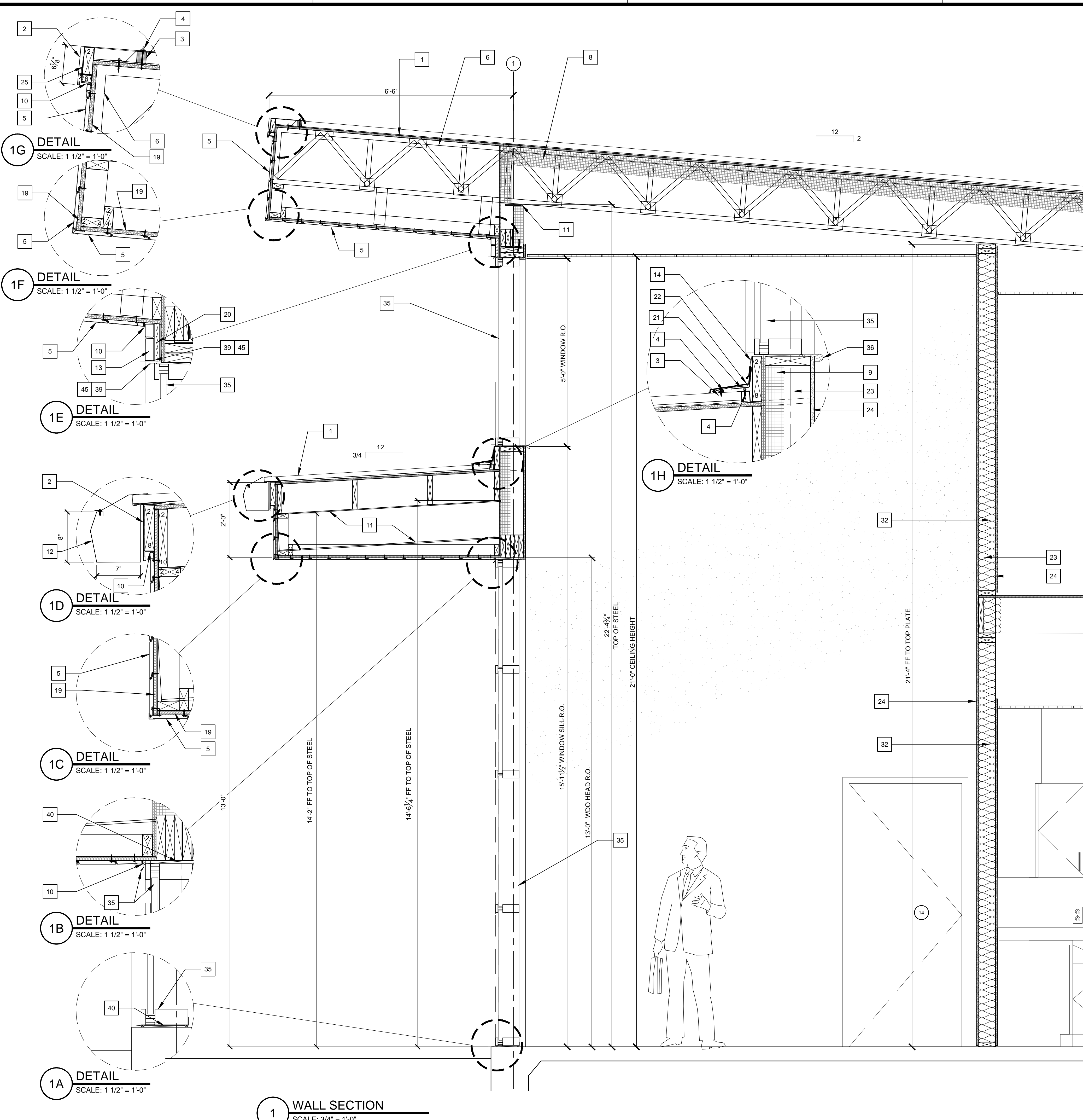


1 WALL SECTIONS
 SCALE: 3/4" = 1'-0"

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

KEYNOTES

- KYNAR 'ASH GRAY' FINISHED STANDING SEAM METAL ROOF OVER ICE AND WATER SHIELD ON 3/4" CDX PLYWOOD.
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 PLOT DATE: 3/8/2022 3:56 PM
 SHEET SIZE: ARCH expanded D (36.00" x 24.00 inches)

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350 Pine Street, Suite 720
 Beaumont, Texas 77701
 TEL: 409-686-1106
 FAX: 409-686-9145
 J. RRE CLARK, AIA
 RONALD L. JONES, AIA
 www.aiaarch.com



3/8/2022



3/8/2022

SPINDLETOP SILSBEE

Spindletop MHMR

222 E Durfijn Drive
Silsbee, TX 77656

ISSUED FOR SCHEMATIC DESIGN	<input checked="" type="checkbox"/>
DATE: 11/15/2021	
DESIGN DEVELOPMENT	<input checked="" type="checkbox"/>
DATE: 12/20/2021	
BIDS & CONSTRUCTION	<input checked="" type="checkbox"/>
DATE: 2/28/2021	
REVISION:	
DATE: 3/7/2022	
REVISION:	
DATE:	
REVISION:	
DATE:	

DRAWINGS SHEET TITLE

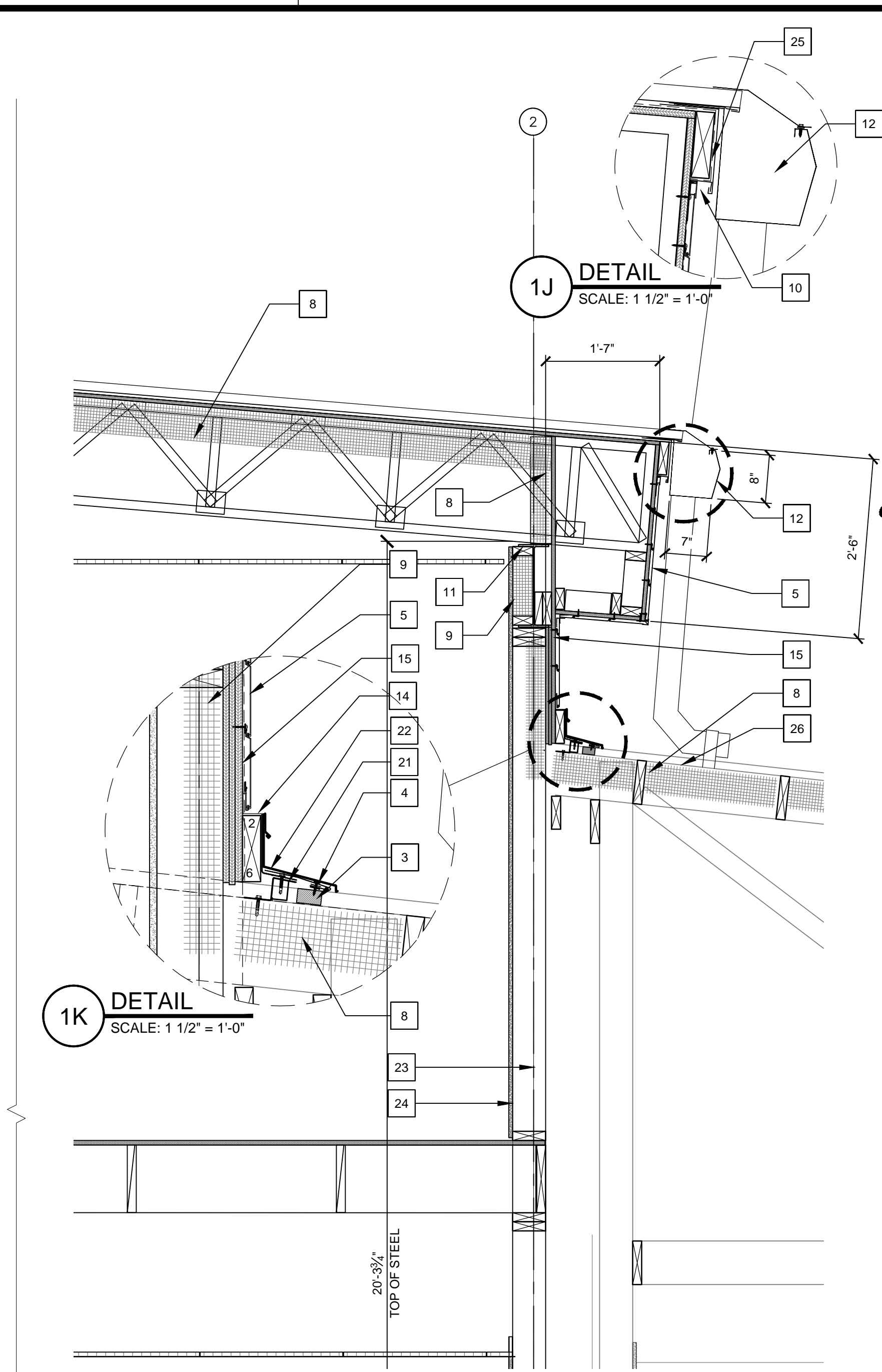
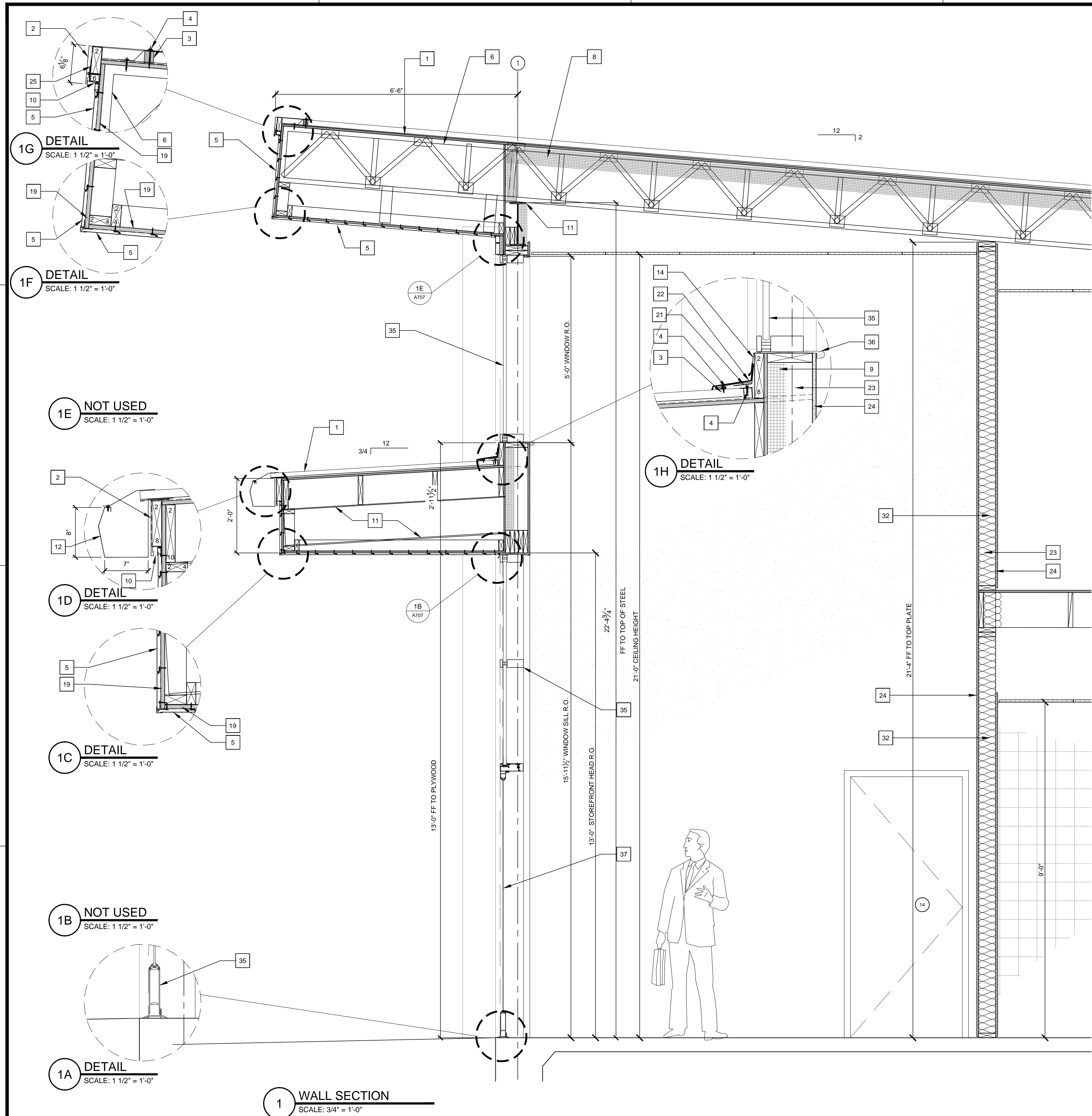
WALL SECTION

SHEET NUMBER

A707R1

21061

PROJECT NUMBER



- ### KEYNOTES
1. KYNAR 'ASH GRAY' FINISHED STANDING SEAM METAL ROOF OVER ICE AND WATER SHIELD ON 3/4" CDX PLYWOOD.
 2. KYNAR 'ASH GRAY' FINISH BRAKE METAL WITH CONCEALED CLEAT
 3. ROOF FOAM CLOSURE EMBEDDED IN SEALANT.
 4. STAINLESS STEEL WEATHERHEAD ROOFING SCREW (TYP)
 5. EXTRUDED ALUMINUM 6" PLANK FAUX WOOD SIDING OVER LIQUID APPLIED WEATHER BARRIER ON 5/8" PLYWOOD.
 6. WOOD TRUSS. REFER TO STRUCTURAL.
 7. CULTURED STONE WATERTABLE SILL
 8. R-38 CLOSED CELL SPRAY FOAM INSULATION ON UNDERSIDE OF ALL ROOF PANELS
 9. R-20 CLOSED CELL SPRAY FOAM INSULATION IN ALL EXTERIOR WALLS.
 10. SEALANT
 11. STRUCTURAL W-FLANGE BEAM. REFER TO STRUCTURAL
 12. KYNAR 'MIDNIGHT BRONZE' FINISHED METAL GUTTER AND 'ASH GRAY' DOWNSPOUTS.
 13. CULTURED STONE THIN SET OVER CEMENT PLASTER.
 14. KYNAR 'ASH GRAY' FINISHED BRAKE METAL FLASHING TURNED UP MIN 8" BEHIND SIDING.
 15. TWO LAYERS 1/2" PLYWOOD OVER ONE LAYER 5/8" PLYWOOD SHEATHING ALONG THIS ENTIRE WALL
 16. TREATED SOLE PLATE (TYPICAL)
 17. ZINC WEEP SCREED
 18. MTI SURE CAVITY SC 5016 RAINSCREEN DRAINAGE SYSTEM INSTALLED OVER DUPONT COMMERCIAL WRAP
 19. 5/8" PLYWOOD SHEATHING WITH DUPONT TYVEK LIQUID APPLIED WEATHER BARRIER ON EXT. FACE (TYPICAL)
 20. CEMENT PLASTER WITH ZINC SELF-FURRING METAL LATH
 21. 16 GA. BENT METAL FLASHING SUPPORT ANGLE.
 22. KYNAR 'ASH GRAY' FINISHED BRAKE METAL COUNTER FLASHING.
 23. 2X6 @ 16" O.C. (TYPICAL)
 24. 5/8" GYPSUM BOARD (TYPICAL)
 25. TURN ICE AND WATER SHIELD DOWN FACE OF 2X AND TERMINATE ON PLYWOOD TO FORM A CONTINUOUS AIR-TIGHT SEAL WITH THE FLUID APPLIED WEATHER BARRIER.
 26. EXISTING R-PANEL METAL ROOF TO REMAIN. REMOVE ALL EXIST. WEATHERHEAD SCREWS AND REPLACE WITH NEW CURVED WASHER HEAD STAINLESS STEEL WEATHERHEAD SCREWS WITH NEOPRENE RUBBER.
 27. KYNAR 'ASH GRAY' FINISHED SHADOW RIB HORIZONTAL METAL SIDING OVER LIQUID APPLIED WEATHER BARRIER ON 5/8" PLYWOOD.
 28. CEMENT PLASTER CONTROL JOINTS
 29. KYNAR 'ASH GRAY' FINISHED BRAKE METAL HIGH SIDE PEAK TRIM WITH CONCEALED CLEAT
 30. KYNAR 'ASH GRAY' FINISHED BRAKE METAL STANDING SEAM RAKE TRIM WITH CONCEALED CLEAT
 31. 2X8 @ 16" O.C. (TYPICAL) AND 8" O.C. WITHIN 3'-0" OF BUILDING CORNERS, REF. STRUCTURAL
 32. 5/8" THICK FIBERGLASS UNFACED BATT INSULATION
 33. WRAP ALL EXPOSED WOOD WITH KYNAR 'MIDNIGHT BRONZE' FINISHED BRAKE METAL (TYPICAL)
 34. 4X4 WOOD BEAM SHIMMED WITH 2X4 BOTH SIDES INSIDE STUD CAVITY, REF. STRUCTURAL
 35. WINDOW AS SCHED. PROV. KYNAR HEAD FLASHING/ SILL FLASHING W/ END DAMS BOTH ENDS, SET ON BED OF SEALANT.
 36. STAINED AND SEALED OAK SILL
 37. ALUMINUM STOREFRONT ENTRANCE AS SCHEDULED
 38. VERTICAL EXTRUDED ALUMINUM PANEL SIDING OVER LIQUID APPLIED WEATHER BARRIER ON 5/8" PLYWOOD
 39. GALV. DRIP SCREED AND KYNAR FIN. HEAD FLASHING SET IN SEALANT. PROVIDE 3/8" GAP BETWEEN DRIP SCREED AND HEAD FLASHING
 40. PLASTIC SHIM, BACKER ROD AND SEALANT
 41. KYNAR FIN. ALUMINUM SILL FLASHING W/ END DAMS BOTH ENDS SET ON BED OF SEALANT. COLOR TO MATCH WDG. FRAMES
 42. DUPONT TYVEK LIQUID APPLIED WEATHER BARRIER APPLIED OVER EXT. FACE OF 5/8" THK. PLYWOOD SHEATHING
 43. DUPONT COMMERCIAL WRAP INSTALLED DUPONT TYVEK OVER LIQUID BARRIER
 44. KYNAR FINISH BASE FLASHING WITH TOP PORTION INSTALLED OVER PLYWOOD AND LOWER HEMMED END SET OVER BED OF SEALANT
 45. SEALANT OVER BACKER ROD
 46. ELASTOMERIC COATING



Architectural Alliance Incorporated
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 Beaumont, Texas 77701
 TEL: (409) 695-1106
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WALL SECTION

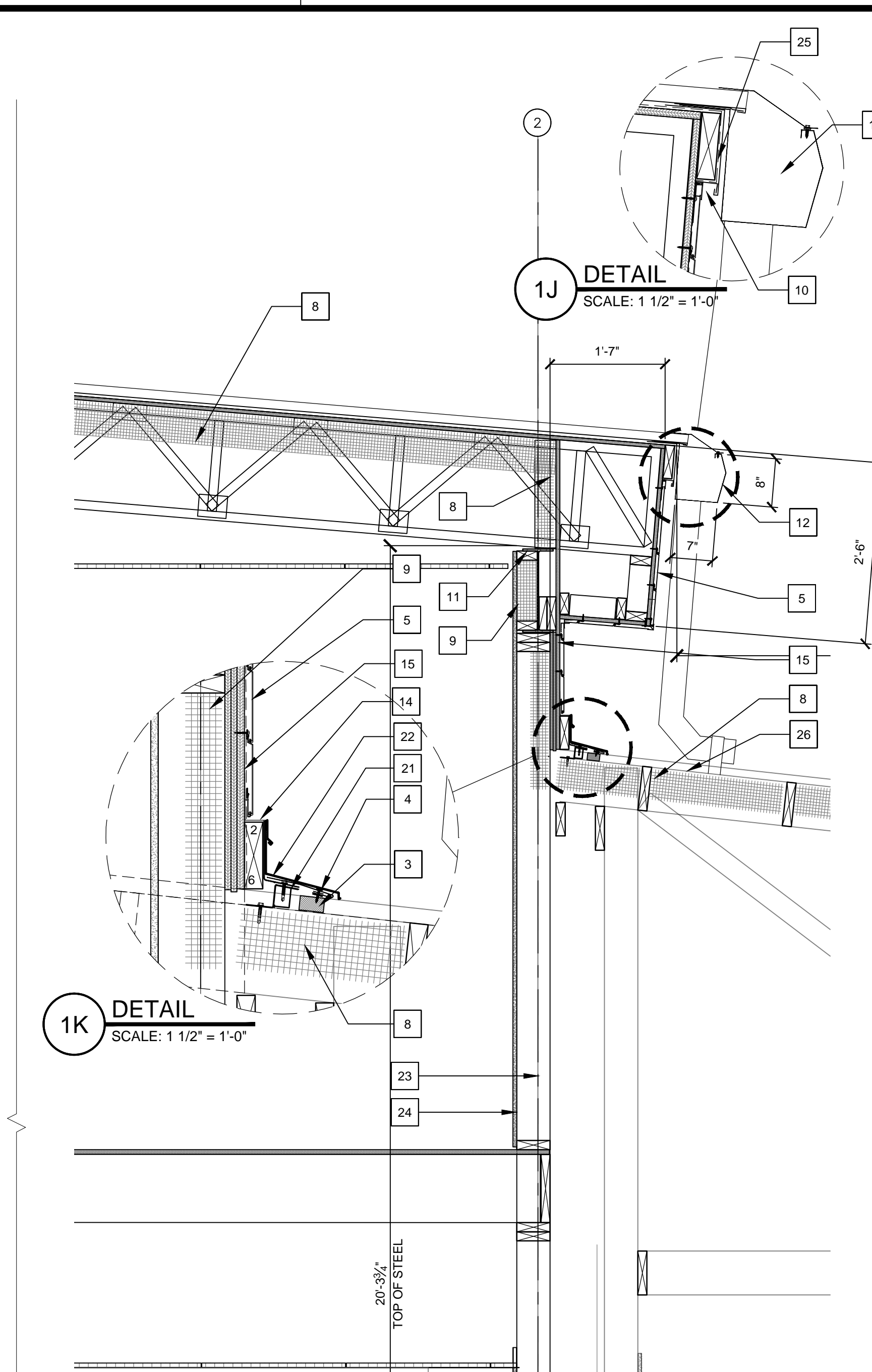
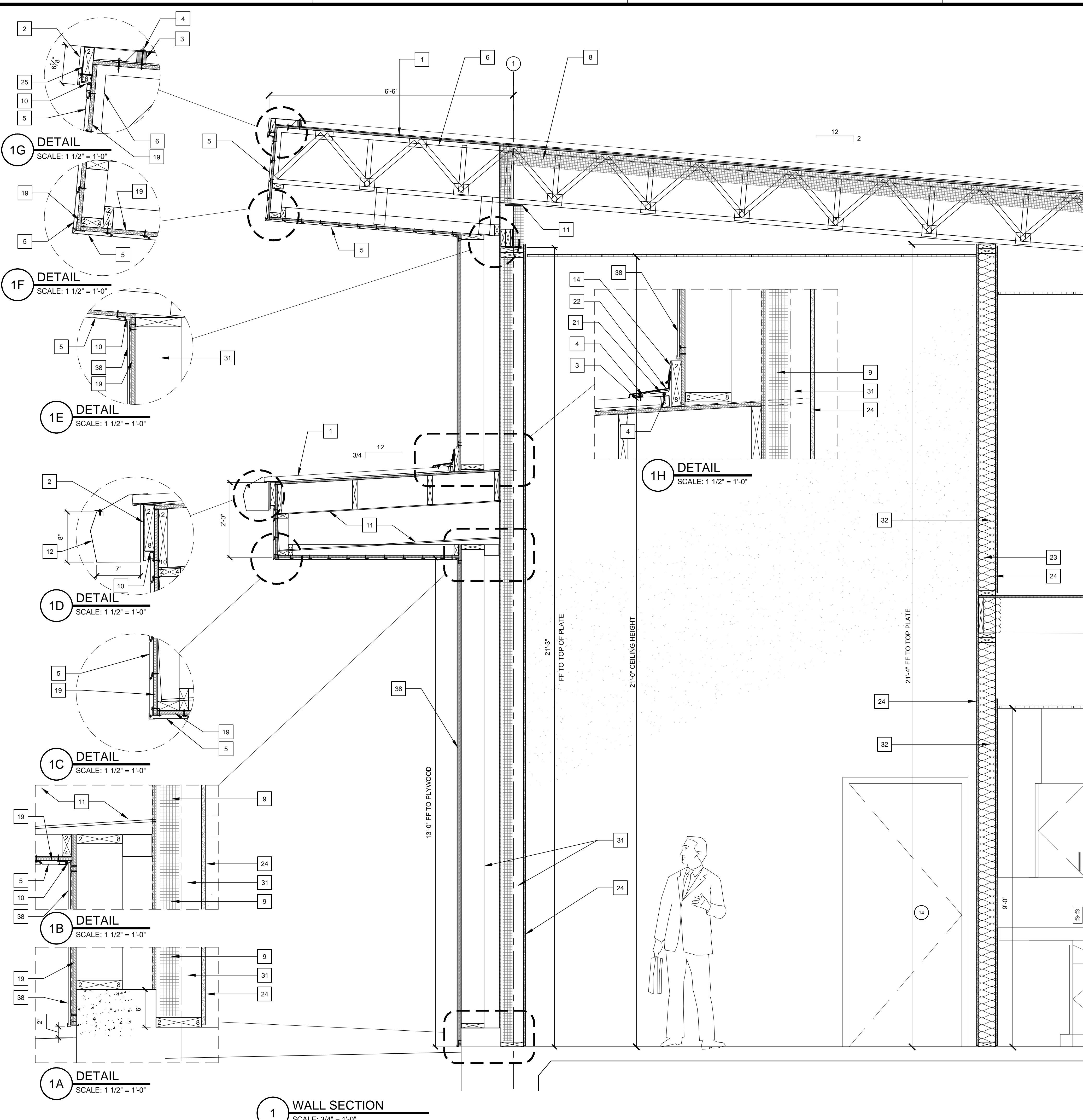
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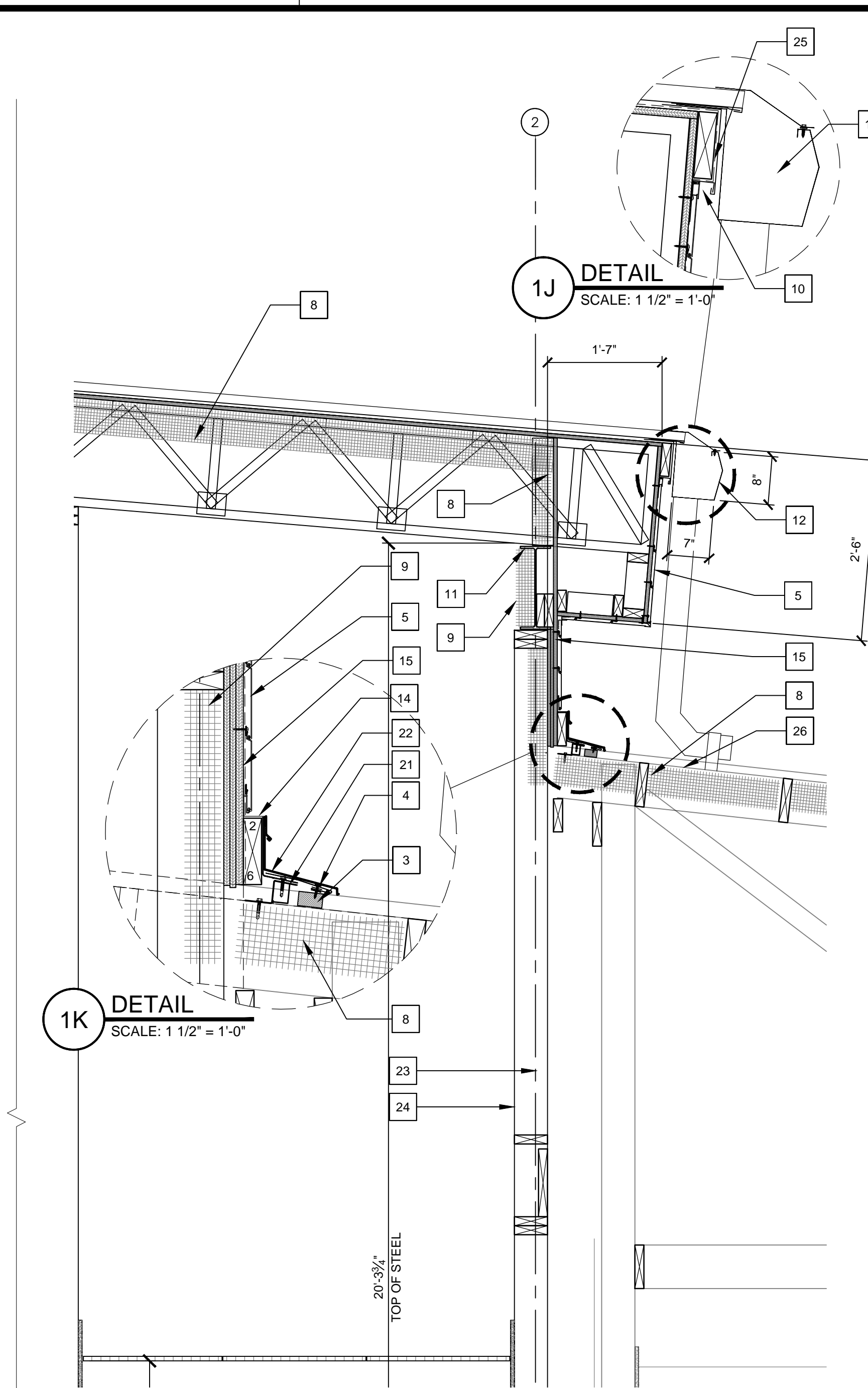
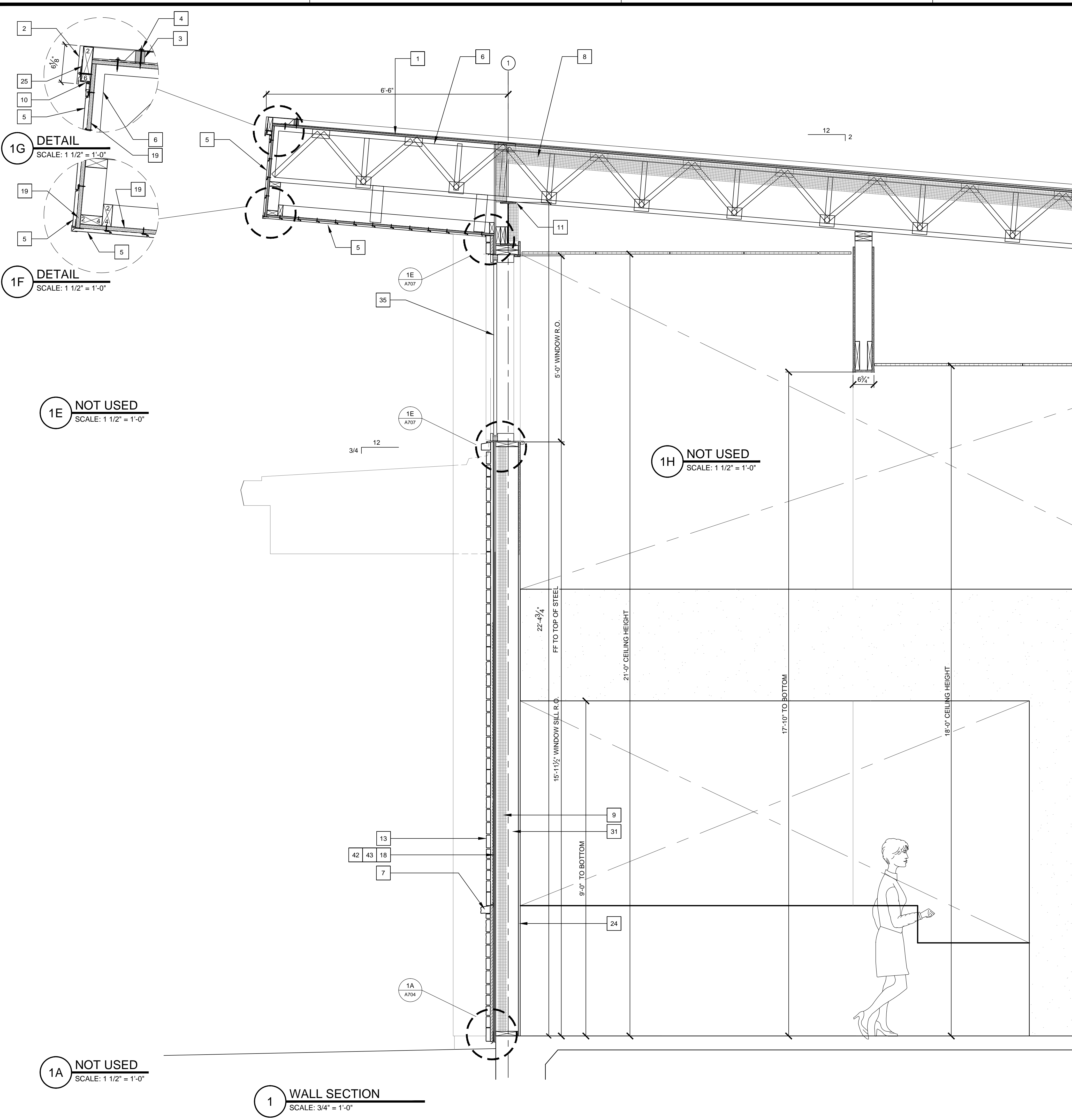
21061

PROJECT NUMBER

SAVED: MICHELA
 PLOT: MICHAEL.MAGTAAN
 PLOT DATE: 3/8/2022 3:57 PM
 SHEET SIZE: ARCH expanded D (36.00" x 24.00 inches)



- KEYNOTES**
1. KYNAR 'ASH GRAY' FINISHED STANDING SEAM METAL ROOF OVER ICE AND WATER SHIELD ON 3/4" CDX PLYWOOD.
 2. KYNAR 'ASH GRAY' FINISH BRAKE METAL WITH CONCEALED CLEAT
 3. ROOF FOAM CLOSURE EMBEDDED IN SEALANT.
 4. STAINLESS STEEL WEATHERHEAD ROOFING SCREW (TYP)
 5. EXTRUDED ALUMINUM 6" PLANK FAUX WOOD SIDING OVER LIQUID APPLIED WEATHER BARRIER ON 5/8" PLYWOOD.
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 11. STRUCTURAL W-FLANGE BEAM. REFER TO STRUCTURAL
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 16. TREATED SOLE PLATE (TYPICAL)
 17. ZINC WEEP SCREED
 18. MTI SURE CAVITY SC 5016 RAINSCREEN DRAINAGE SYSTEM INSTALLED OVER DUPONT COMMERCIAL WRAP
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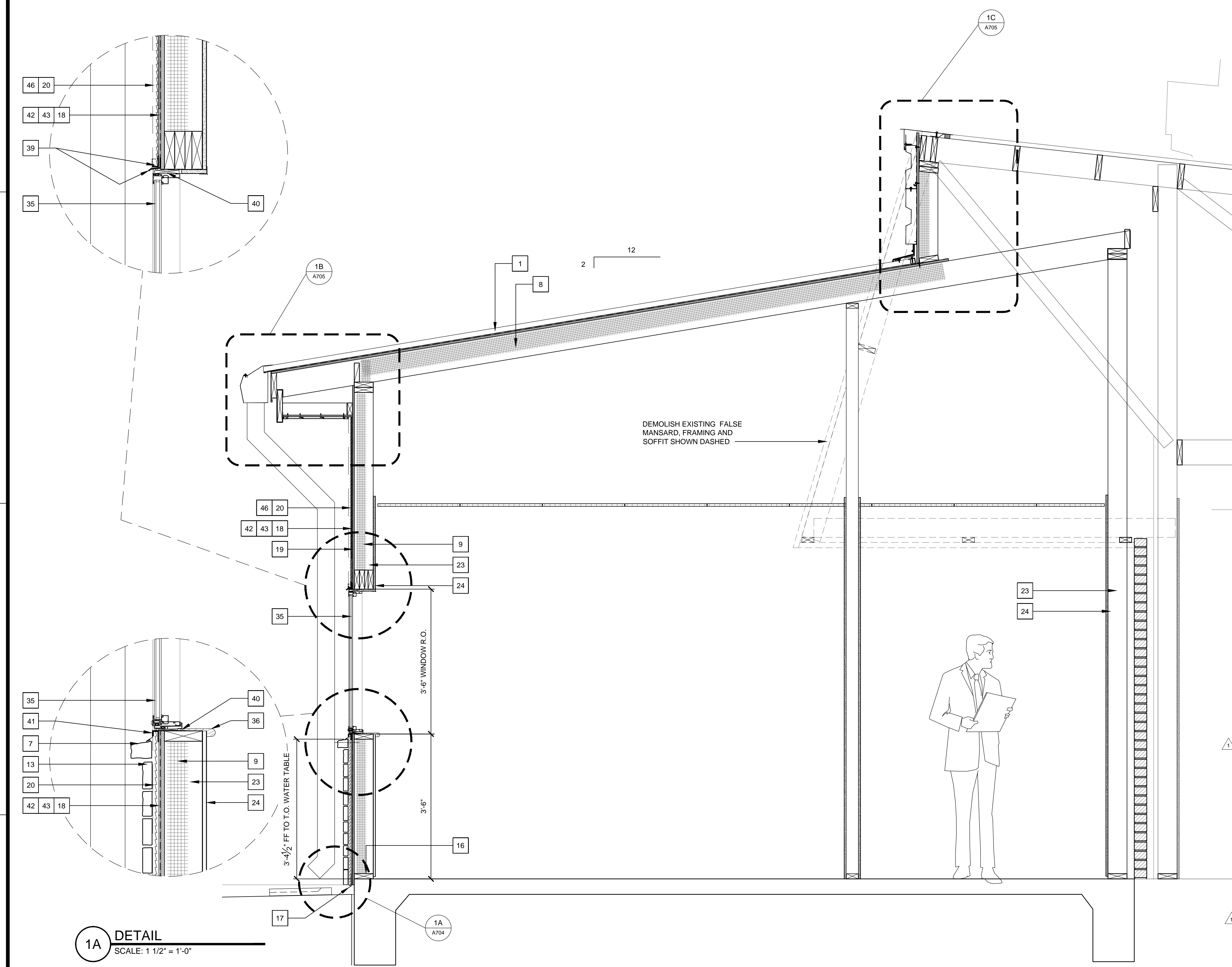
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DRAWINGS SHEET TITLE
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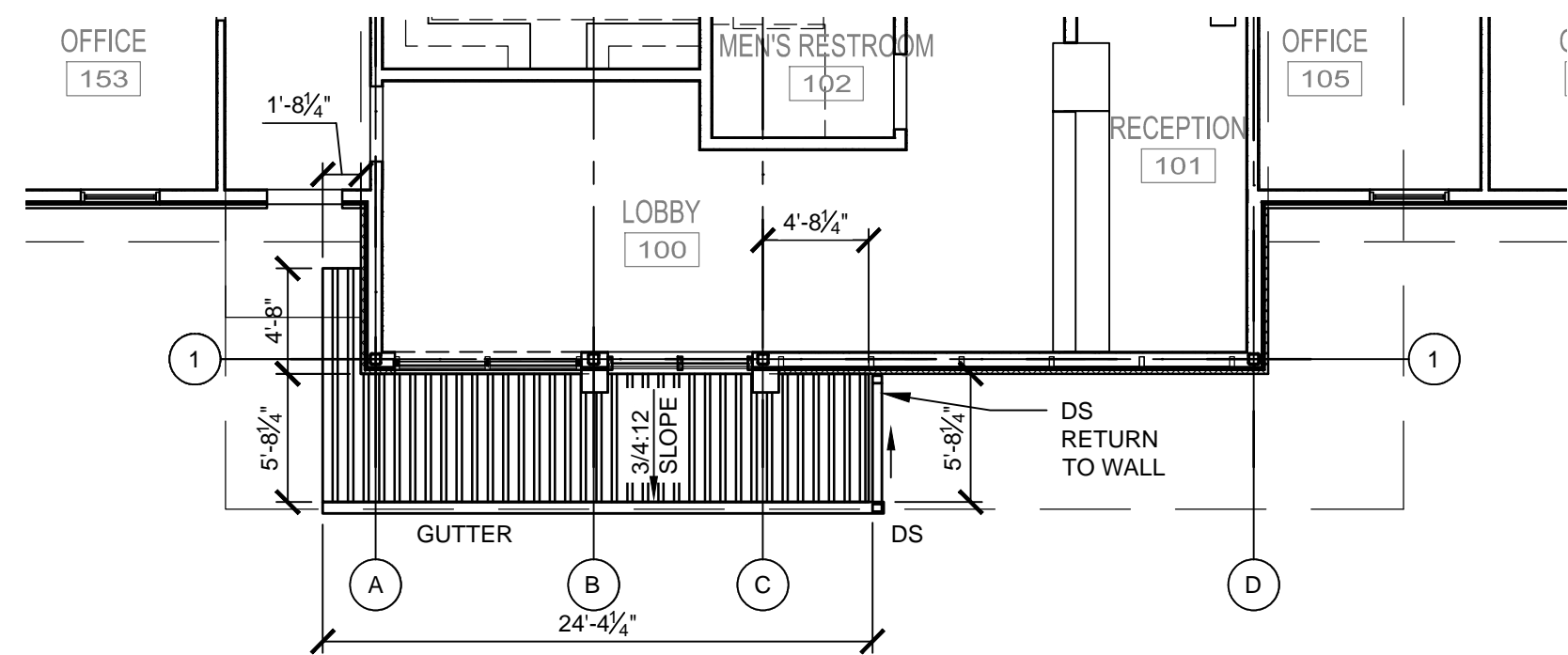


KEYNOTES

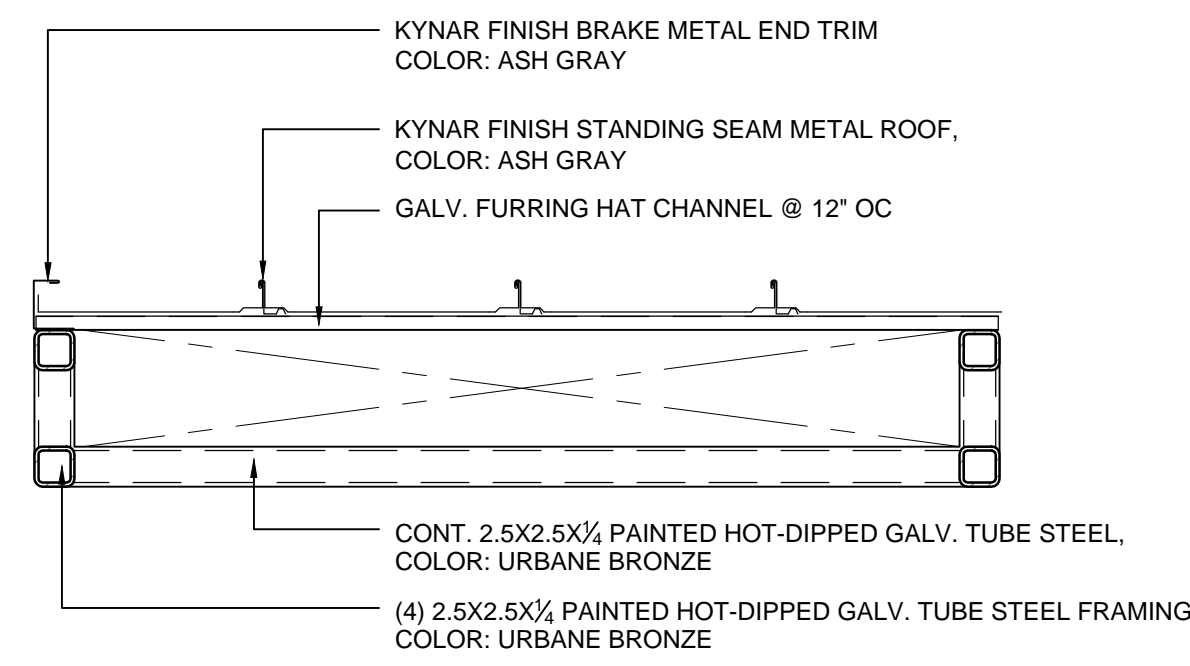
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1A DETAIL
 SCALE: 1 1/2" = 1'-0"

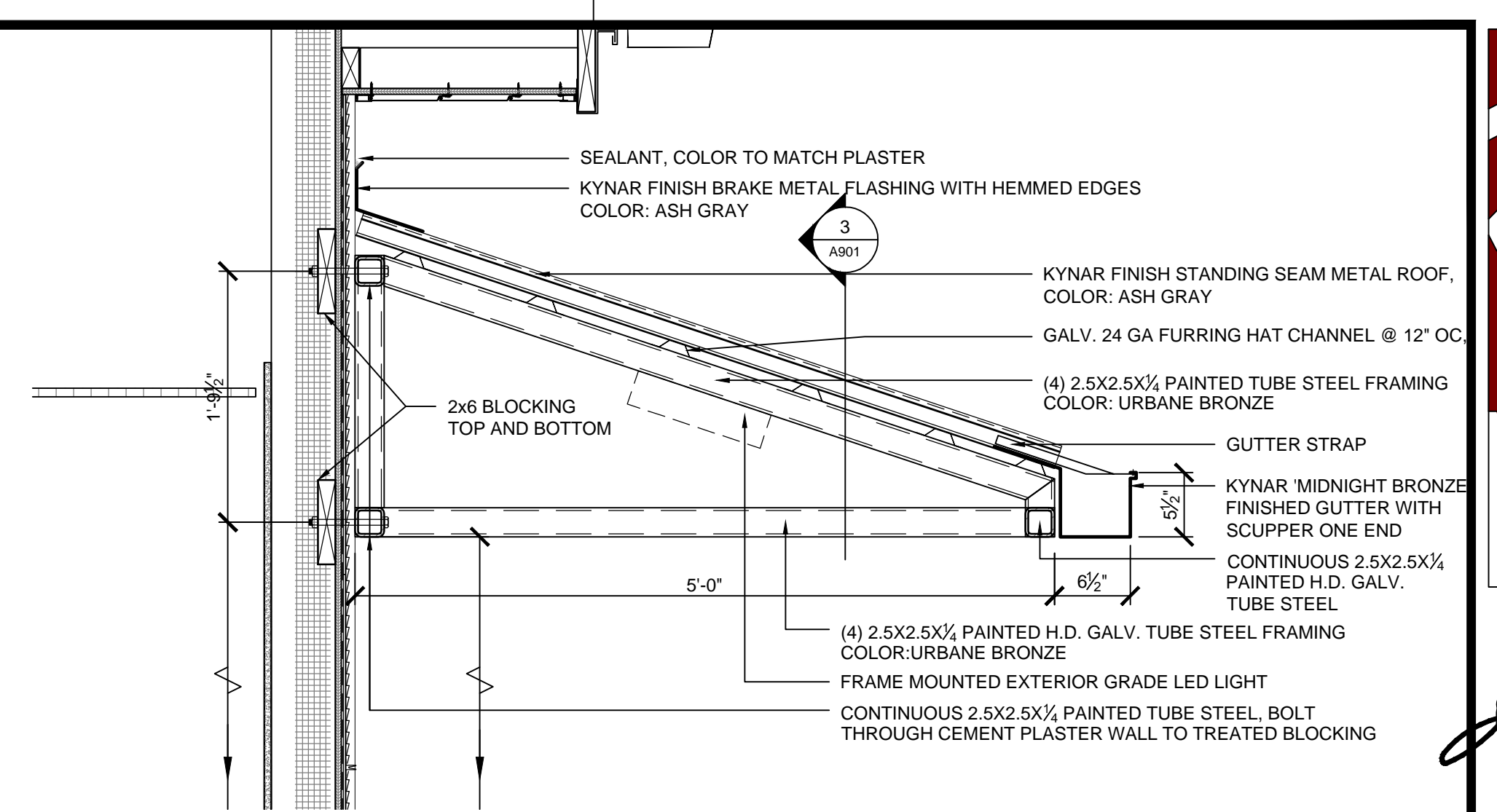
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 SCALE: 3/4" = 1'-0"



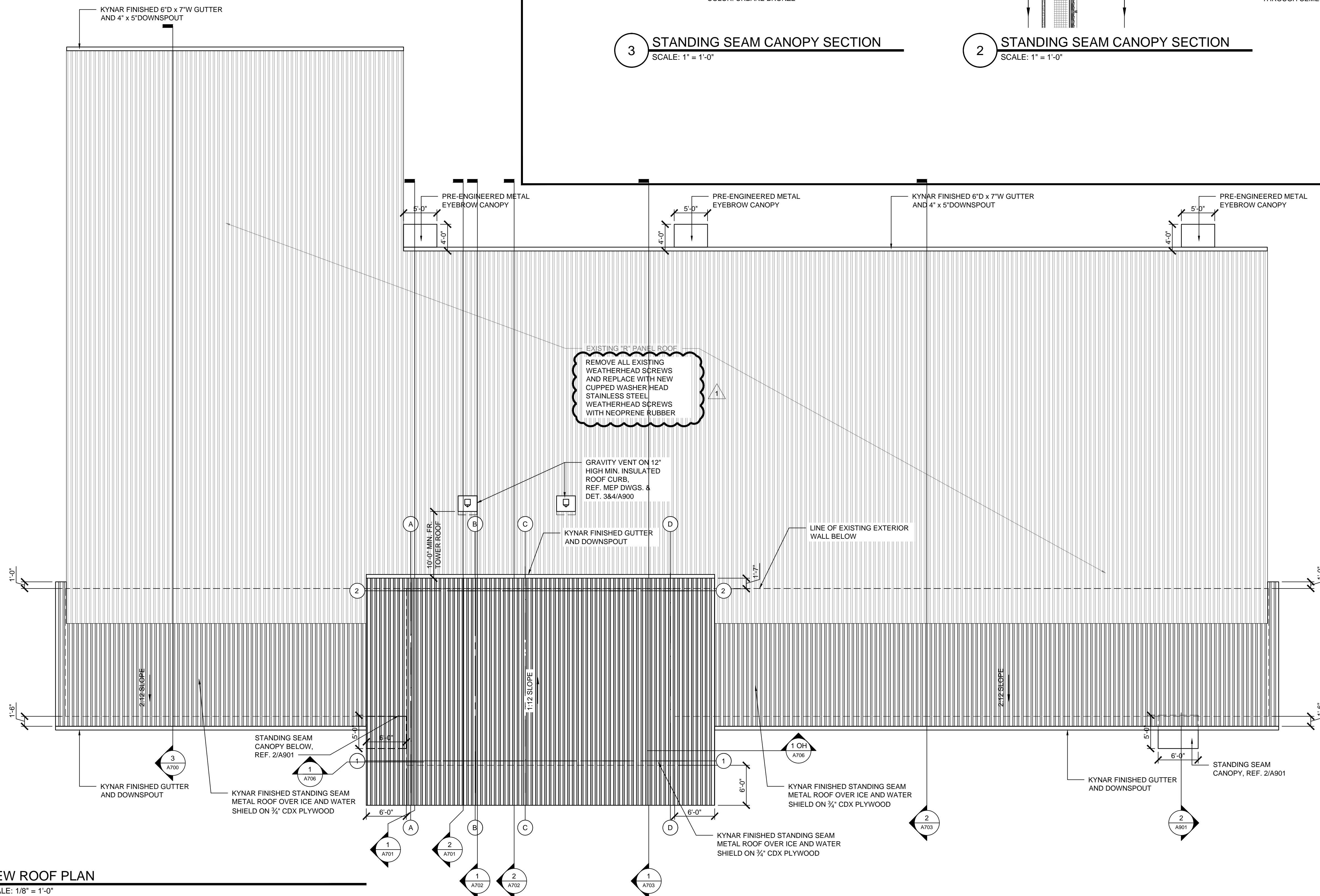
4 NEW PARTIAL ROOF PLAN OVER MAIN ENTRANCE
SCALE: 1/8" = 1'-0"



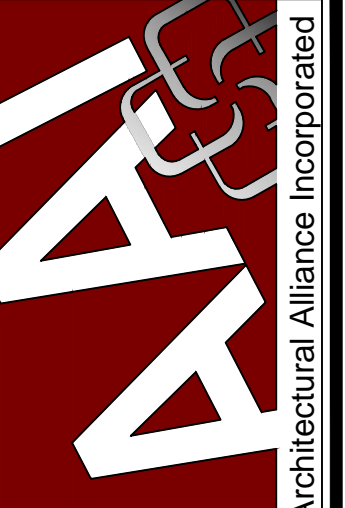
3 STANDING SEAM CANOPY SECTION
SCALE: 1" = 1'-0"



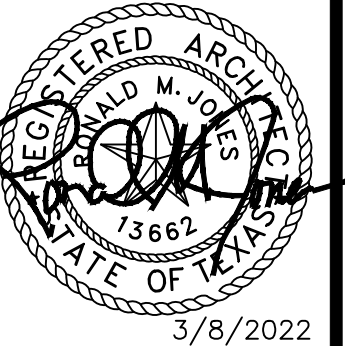
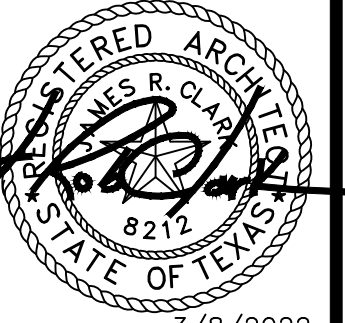
2 STANDING SEAM CANOPY SECTION
SCALE: 1" = 1'-0"



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



300 W. 17th Street, Suite 720
Houston, Texas 77011
Tel: (409) 866-7416
Fax: (409) 866-7418
J. ROSE CLARK, AIA, LEED AP
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www.archalliance.com



Silsbee, TX 77656
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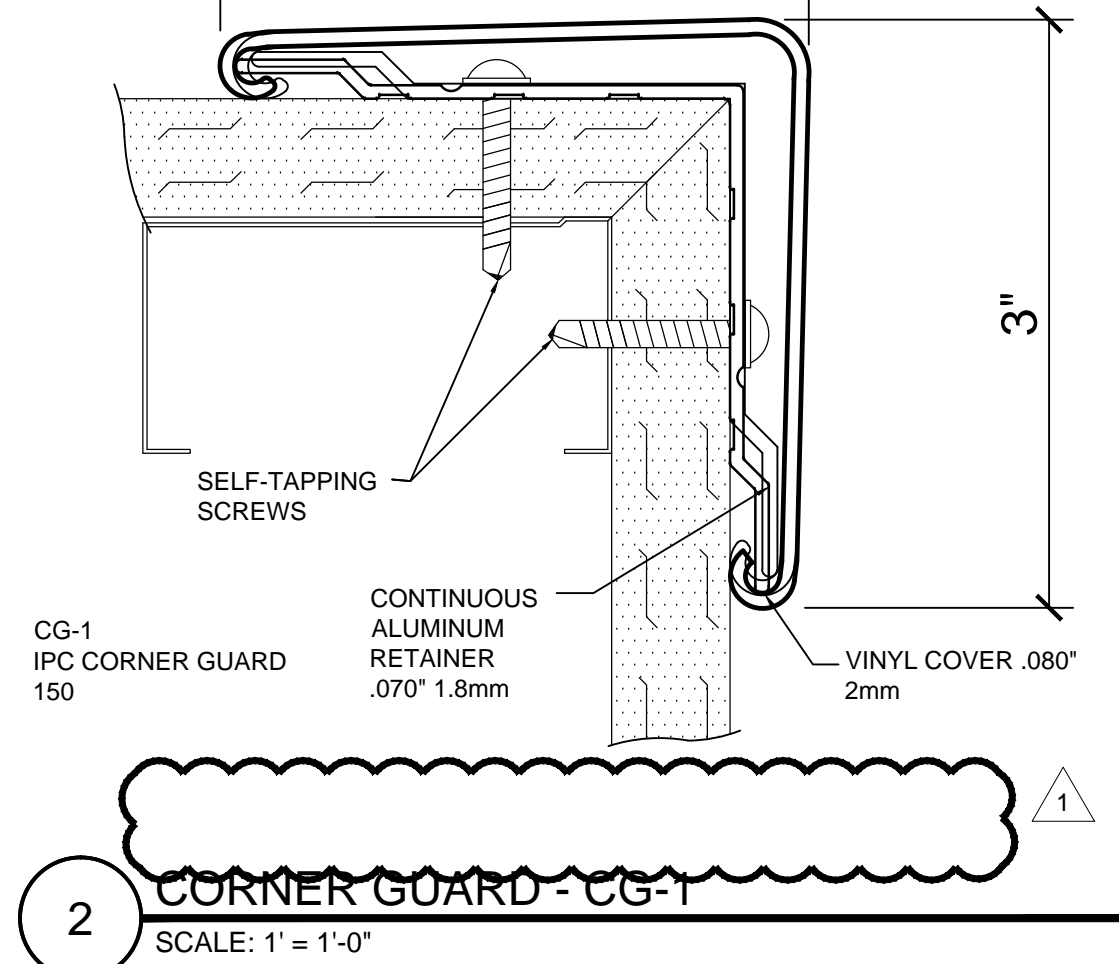
SPINDLETOP SILSBEE
Spindletop MHMR

ISSUED FOR SCHEMATIC DESIGN	<input checked="" type="checkbox"/>
DATE: 11/15/2021	
DESIGN DEVELOPMENT	<input checked="" type="checkbox"/>
DATE: 12/20/2021	
BIDS & CONSTRUCTION	<input checked="" type="checkbox"/>
DATE: 2/28/2021	
REVISION:	
DATE:	
REVISION:	
DATE:	

DRAWINGS SHEET TITLE
NEW ROOF PLAN

SHEET NUMBER
A901R1
PROJECT NUMBER
21061

SAVED: MICHELM
PLOT: MICHAEL.MASTMAN
PLOT DATE: 3/8/2022 3:58 PM
SHEET SIZE: ARCH expanded D (36.00 x 24.00 inches)



2 CORNER GUARD - CG-1
SCALE: 1" = 1'-0"

ROOM FINISH SCHEDULE

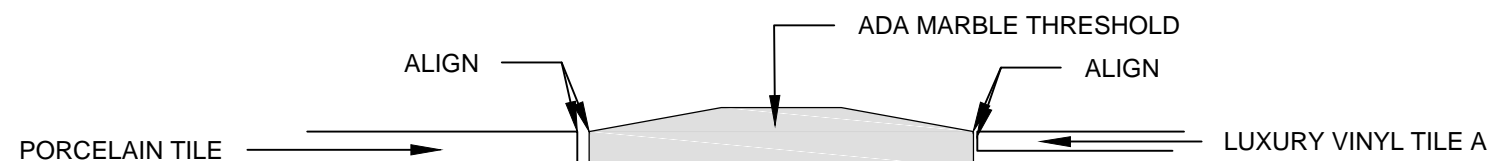
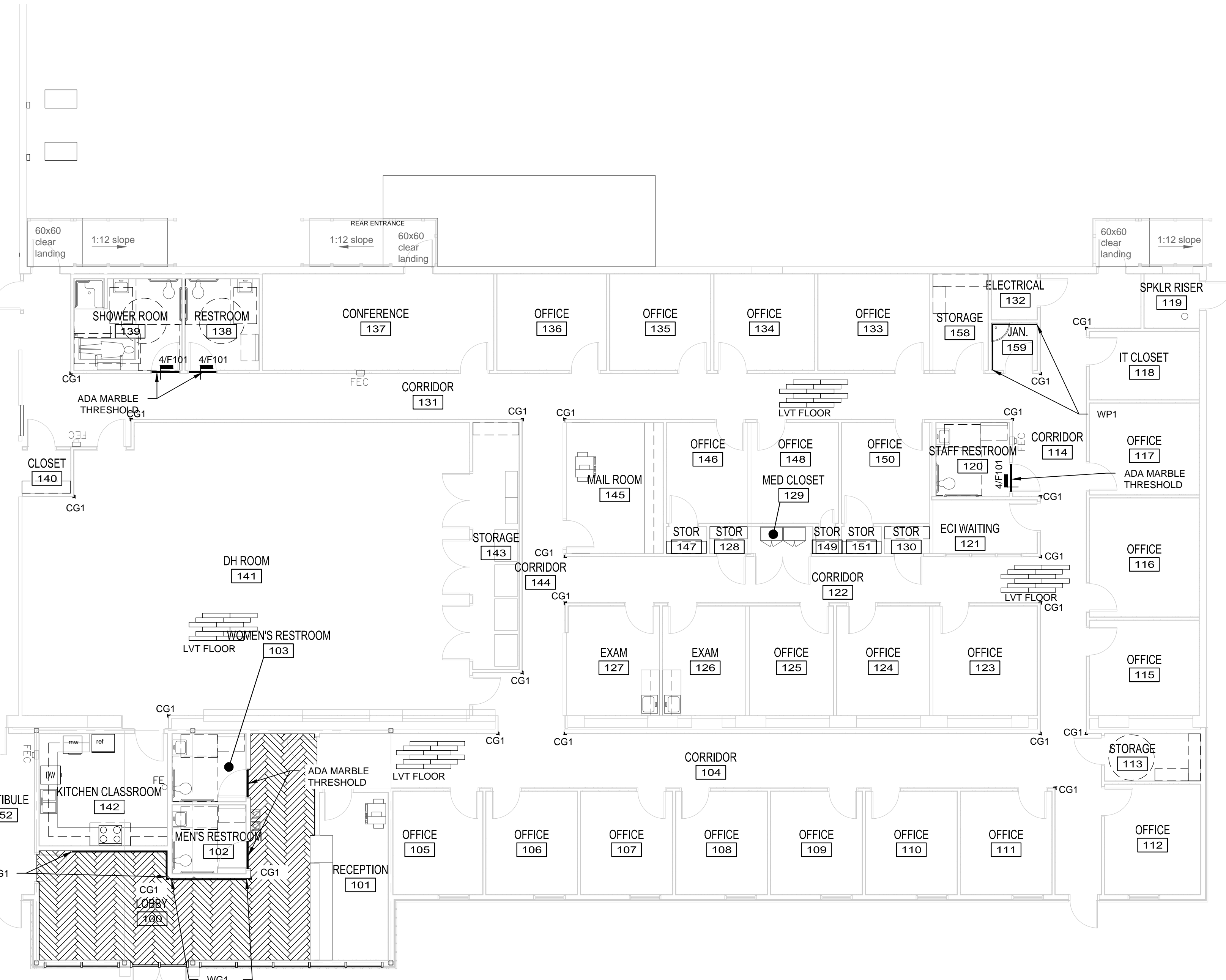
NUM	ROOM NAME	FLOOR	BASE	WALLS			CEILING		NOTES	
				N	S	E	W	MATL		HEIGHT
100	LOBBY	F1	B1	W1	W1	W1	C1	21'-0"	---	
101	RECEPTION	F3	B1	W1	W1	W1	C1	21'-0"	---	
102	MEN'S RESTROOM	F2	B2	W2	W2	W2	C1	9'-0"	---	
103	WOMEN'S RESTROOM	F2	B2	W2	W2	W2	C1	9'-0"	---	
104	CORRIDOR	F1	B1	W1	W1	W1	C1	9'-0"	---	
105	OFFICE	F3	B1	W1	W1	W5	W1	C1	9'-0"	---
106	OFFICE	F3	B1	W1	W1	W4	W1	C1	9'-0"	---
107	OFFICE	F3	B1	W1	W1	W3	W1	C1	9'-0"	---
108	OFFICE	F3	B1	W1	W1	W1	W5	C1	9'-0"	---
109	OFFICE	F3	B1	W1	W1	W4	W1	C1	9'-0"	---
110	OFFICE	F3	B1	W1	W1	W3	W1	C1	9'-0"	---
111	OFFICE	F3	B1	W1	W1	W5	W1	C1	9'-0"	---
112	OFFICE	F3	B1	W4	W1	W1	W1	C1	9'-0"	---
113	STORAGE	F1	B1	W1	W1	W1	W1	C1	8'-6"	---
114	CORRIDOR	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
115	OFFICE	F3	B1	W3	W1	W1	W1	C1	9'-0"	---
116	OFFICE	F3	B1	W1	W5	W1	W1	C1	9'-0"	---
117	OFFICE	F3	B1	W1	W4	W1	W1	C1	9'-0"	---
118	IT CLOSET	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
119	SPKLR RISER	F6	B1	W6	W6	W6	W6	C2	9'-0"	---
120	STAFF RESTROOM	F2	B2	W2	W2	W2	W2	C1	9'-0"	---
121	ECI WAITING	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
122	CORRIDOR	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
123	OFFICE	F3	B1	W1	W1	W3	C1	9'-0"	---	
124	OFFICE	F3	B1	W1	W1	W5	C1	9'-0"	---	
125	OFFICE	F3	B1	W1	W1	W4	W1	C1	9'-0"	---
126	EXAM	F1	B1	W1	W1	W3	C1	9'-0"	---	
127	EXAM	F1	B1	W1	W1	W5	W1	C1	9'-0"	---
128	STOR	F1	B1	W1	W1	W1	W1	C1	9'-0"	---

ROOM FINISH SCHEDULE

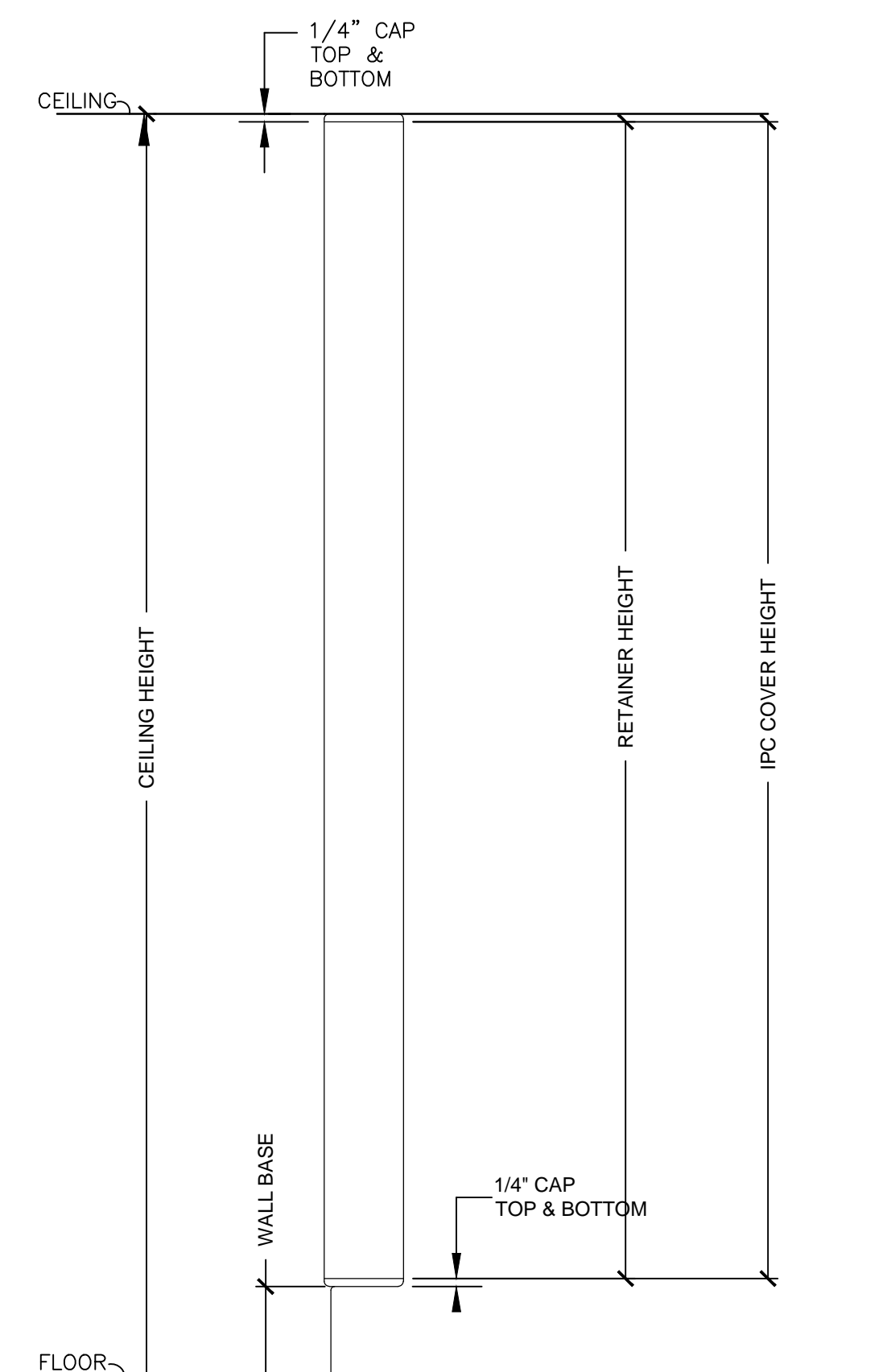
NUM	ROOM NAME	FLOOR	BASE	WALLS			CEILING		NOTES	
				N	S	E	W	MATL		HEIGHT
129	MED CLOSET	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
130	STOR	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
131	CORRIDOR	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
132	ELECTRICAL	F6	B1	W6	W6	W6	W6	C2	9'-0"	---
133	OFFICE	F3	B1	W1	W1	W3	W1	C1	9'-0"	---
134	OFFICE	F3	B1	W1	W1	W5	C1	9'-0"	---	
135	OFFICE	F3	B1	W1	W1	W4	W1	C1	9'-0"	---
136	OFFICE	F3	B1	W1	W1	W3	W1	C1	9'-0"	---
137	CONFERENCE	F3	B1	W1	W1	W1	W1	C1	9'-0"	---
138	RESTROOM	F2	B2	W2	W2	W2	W2	C1	9'-0"	---
139	SHOWER ROOM	F5	B2	W2	W2	W2	W2	C1	9'-0"	---
140	CLOSET	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
141	DH ROOM	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
142	KITCHEN CLASSROOM	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
143	STORAGE	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
144	CORRIDOR	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
145	MAIL ROOM	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
146	OFFICE	F3	B1	W1	W1	W1	W1	C1	9'-0"	---
147	STOR	F3	B1	W1	W1	W1	W1	C1	9'-0"	---
148	OFFICE	F3	B1	W1	W1	W1	W5	C1	9'-0"	---
149	STOR	F3	B1	W1	W1	W1	W1	C1	9'-0"	---
150	OFFICE	F3	B1	W1	W1	W4	W1	C1	9'-0"	---
151	STOR	F3	B1	W1	W1	W1	W1	C1	9'-0"	---
152	VESTIBULE	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
153	OFFICE	F3	B1	W1	W1	W1	W1	C1	9'-0"	---
154	CUBICLES	F3	B1	W1	W1	W1	W1	C1	9'-0"	---
155	CONFERENCE ROOM	F3	B1	W1	W1	W1	W1	C1	9'-0"	---
156	STORAGE	F3	B1	W1	W1	W1	W1	C1	9'-0"	---
157	STORAGE	F3	B1	W1	W1	W1	W1	C1	9'-0"	---
158	STORAGE	F1	B1	W1	W1	W1	W1	C1	9'-0"	---
159	JAN.	F5	B2	W1	W1	W1	W1	C2	9'-0"	---

FINISH SCHEDULE

	BASE FINISH	CEILING FINISH	FLOOR FINISH	WALL FINISH
F1	KARDEAN LVP OPUS WOOD 6" X 36" COLOR:IGNEA313			
F2	DALTILE GLAZED PORCELAIN TILE LINDEN POINT 12" X 24" COLOR GRIGIO LP21			
F3	12" X 24" INTERFACE CARPET PRIMARY STITCH 1462102500 COLOR:PURL/ACCENT 102419			
F4	3/4" PLYWOOD FLOORING			
F5	DALTILE GLAZED PORCELAIN TILE LINDEN POINT 2" X 2" COLOR GRIGIO LP21			
F6	SEALED CONCRETE			
BASE FINISHES				
B1	RUBBER BASE - 4" COVED TOP - ROPPE COLOR:TBD			
B2	DALTILE GLAZED PORCELAIN TILE LINDEN POINT COLOR GRIGIO LP21			
WALL FINISHES				
W1	GYPSUM BD WALL - LEVEL 4 FINISH SHERWIN WILLIAMS' EGGSHELL COLOR:SW6171 CHATROOM - TYP. WALL COLOR			
W2	DALTILE GLAZED PORCELAIN TILE LINDEN POINT 12" X 24" COLOR GRIGIO LP21 ACCENT TILE CRYSTAL SHORES COLOR: EMERALD ISLES CS96 12" HIGH			
W3	GYPSUM BD WALL - LEVEL 4 FINISH SHERWIN WILLIAMS' EGGSHELL COLOR:SW7624 SLATE TILE - ACCENT COLOR			
W4	GYPSUM BD WALL - LEVEL 4 FINISH SHERWIN WILLIAMS' EGGSHELL COLOR:SW7702 SPICED CIDER - ACCENT COLOR			
W5	GYPSUM BD WALL - LEVEL 4 FINISH SHERWIN WILLIAMS' EGGSHELL COLOR:SW6793 PRIVILEGED GREEN - ACCENT COLOR			
W6	GYPSUM BD WALL, -LEVEL 1 FINISH SHERWIN WILLIAMS' EGGSHELL COLOR:SW6171			
GROUT				
G1	GROUT MAPEI PEWTER 02			
CEILING FINISHES				
C1	USG 24"x24" 2210 ACOUSTICAL CEILING TILE WITH DOWN BRAND 15/8 GRID			
C2	GYPSUM BD CEILING - T, F, T, P COLOR:SW7656 RHINESTONE			
PLASTIC LAMINATE				
PL1	WILSONART NORTH SEA - CABINET #D-90-60			
PL2	FORMICA SILVER GALAXY SLATE #9528-58 - COUNTERTOP			
PL3	FORMICA BURNT STRAND 5107-58 - DOORS			
DOOR TRIM				
DF1	SHERWIN WILLIAMS EMERALD URETHANE SEMI-GLOSS COLOR: COLOR:TBD			
WALL PROTECTION				
WG1	INPRO 1500 WALL GUARD COLOR:TBD			
WP1	INPRO PALLADIUM RIGID SHEET WAINSCOT WITH COLOR MATCHING TRIM 4'-0"			
CG1	INPRO 150 CORNER GUARD COLOR:TBD			
METAL TILE TRIM				
	SCHLUTER SYSTEMS RONDEC R0100AE 100 STAINLESS STEEL 304 EDGE TRIM			
	SCHLUTER SYSTEMS DILEX-AHK STAINLESS STEEL 304 - COVE			



4 TRANSITION
SCALE: N.T.S.



3 CORNER GUARD - CG-1
SCALE: N.T.S.

1 FINISH AND WALL PROTECTION PLAN
SCALE: 1/8" = 1'-0"

ISSUED FOR SCHEMATIC DESIGN [X] DATE: 11/15/2021
DESIGN DEVELOPMENT [X] DATE: 12/20/2021
BIDS & CONSTRUCTION [X] DATE: 2/28/2021
REVISION: [A] DATE: 3/7/2022
REVISION: DATE: _____
REVISION: DATE: _____
REVISION: DATE: _____

DRAWINGS SHEET TITLE
FINISH AND WALL PROTECTION PLAN

SHEET NUMBER
F101R1

PROJECT NUMBER
21061

Silbsee, TX 77656
Spindletop MHMR
222 E Durdin Drive

SIGNAGE SCHEDULE

DOOR NO.	SIGN TYPE	SIGN NO.	SIGN TEXT (VERIFY TEXT WITH OWNER)	DOOR NO.	SIGN TYPE	SIGN NO.	SIGN TEXT (VERIFY TEXT WITH OWNER)
01	D	101	EXIT	49	D	136	ELECTRICAL
15	A	102	MEN'S RESTROOM	40	C	137	STAFF RESTROOM
16	B	103	WOMEN'S RESTROOM	39	D	138	ECL WAITING
17	D	104	CORRIDOR	30	D	139	OFFICE
14	D	105	VESTIBULE	31	D	140	OFFICE
08	D	106	EXIT	32	D	141	OFFICE
09	D	107	OFFICE	33	D	142	EXAM
66	D	108	CHURCH	34	D	143	EXAM
10	D	109	CUBICLES	38	D	144	STORAGE
10	D	110	EXIT	37	D	145	MED. CLOSET
11	D	111	CONFERENCE	36	D	146	STORAGE
58	D	112	KITCHEN CLASSROOM	35	D	147	MAIL ROOM
64	D	113	CLOSET	47	D	148	OFFICE
57	D	114	DH ROOM	45	D	149	OFFICE
62	D	115	STORAGE	43	D	150	OFFICE
61	D	116	STORAGE	67	D	151	STORAGE
60	D	117	STORAGE	50	D	152	OFFICE
59	D	118	EXIT	51	D	153	OFFICE
17	D	119	EXIT	52	D	154	OFFICE
18	D	120	RECEPTION	53	D	155	OFFICE
19	D	121	OFFICE	54	D	156	CONFERENCE ROOM
20	D	122	OFFICE	55	E	157	RESTROOM
21	D	123	OFFICE	56	F	158	SHOWER ROOM
22	D	124	OFFICE	06	D	159	EXIT
23	D	125	OFFICE	05	D	160	EXIT
24	D	126	OFFICE				
25	D	127	OFFICE				
02	D	128	EXIT				
26	D	129	OFFICE				
27	D	130	STORAGE				
28	D	131	OFFICE				
29	D	132	OFFICE				
41	D	133	OFFICE				
42	D	134	IT CLOSET				
04	D	135	EXIT				

SIGNAGE GENERAL NOTES

- VERIFY ALL SIGNAGE WITH OWNER/ARCHITECT.
- PROVIDE RAISED SIGNAGE WITH 3/4" HIGH TEXT AND ADA COMPLIANT BRAILLE. VERIFY.
- ALL ROOM SIGNAGE TO BE MOUNTED 4'-0" MIN TO BOTTOM OF TACTILE CHARACTERS ABOVE FINISH FLOOR TO ADA STANDARD AS DIRECTED BY ARCHITECT.
- ALL ROOM SIGNAGE TO BE MOUNTED WITH A CLEAR FLOOR SPACE OF 18" MIN X 18" MIN CENTERLINE OF TACTILE CHARACTERS, BEYOND THE ARC OF THE DOOR SWING TO ADA STANDARD AS DIRECTED BY ARCHITECT.
- ALL TEXT AND COLORS TO BE VERIFIED PRIOR TO PREPARATION OF SHOP DRAWINGS.
- PROVIDE SCALED LAYOUT OF ALL SIGNAGE.
- BRAILLE TEXT SHOWN FOR GRAPHIC REPRESENTATION PURPOSES ONLY, VERIFY CORRECT TEXT.

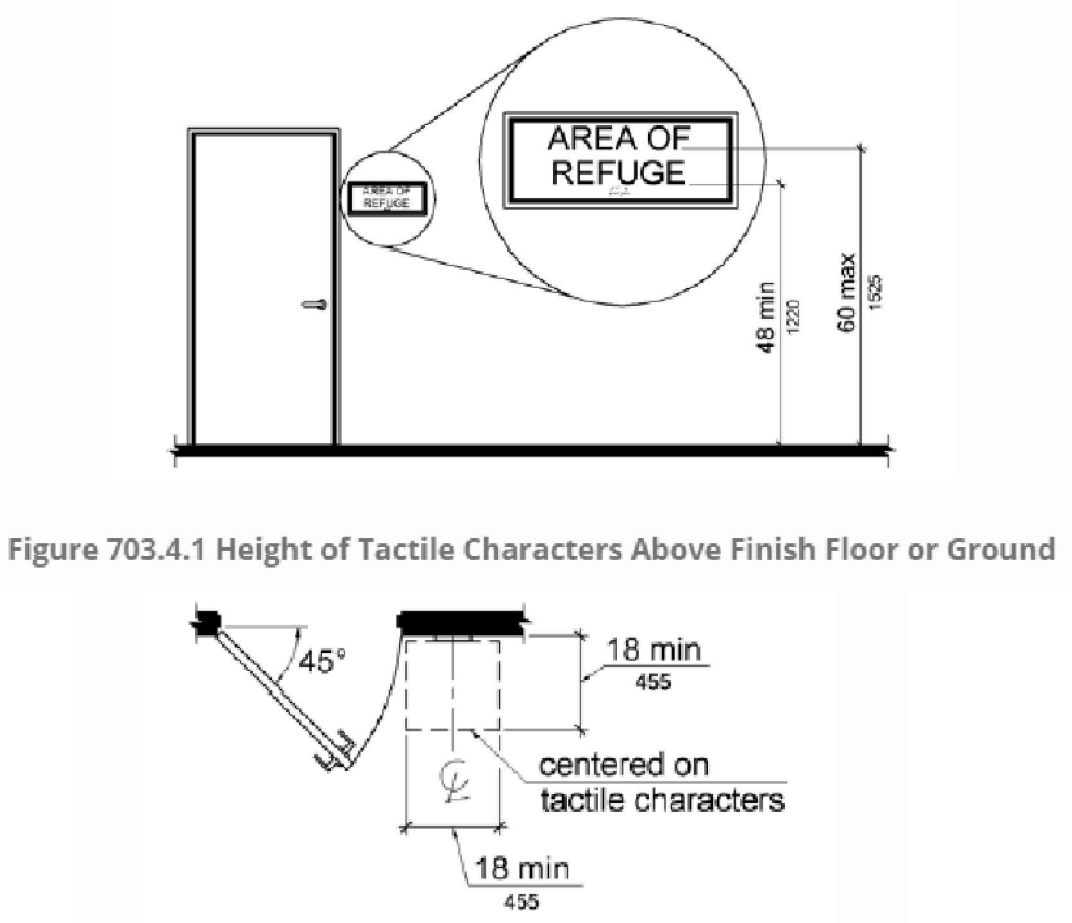
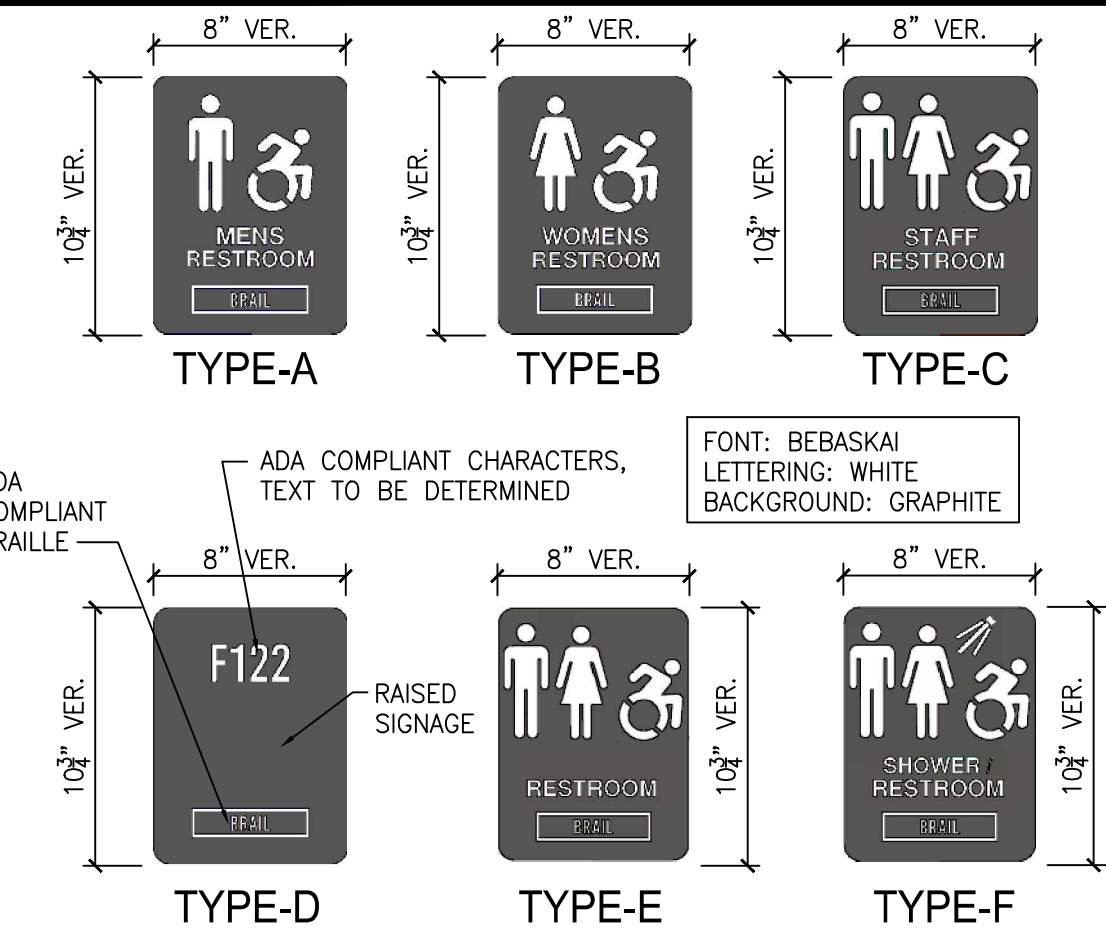
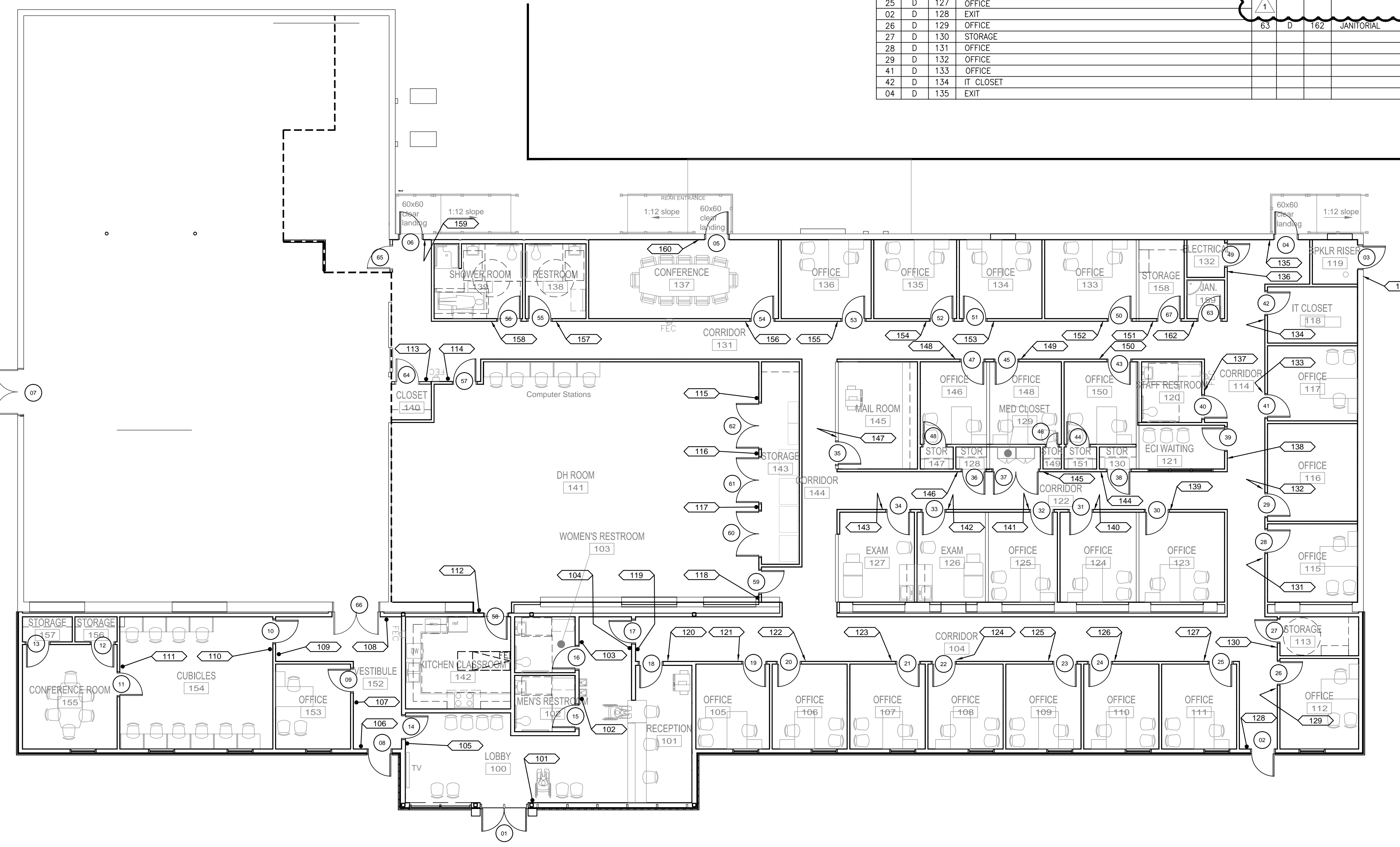


Figure 703.4.1 Height of Tactile Characters Above Finish Floor or Ground
 Figure 703.4.2 Location of Tactile Signs at Doors



2 SIGNAGE DETAIL
 SCALE: NTS

3 SIGNAGE NOTES
 SCALE: NTS



1 SIGNAGE FLOOR PLAN
 SCALE: #####

SECTION 22 13 29 - SEWER LIFT STATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Provide a sewer lift station as indicated on Drawings. Capacity based on an estimated 35 occupants (employees) for an “Office” building in a 8 hour period.
- B. Contractor shall contact TX DSHS, TX DEQ, Local county health unit prior to bid to determine the extent of their requirements, pay all costs for complete working installation.
- C. Contractor shall be responsible for preparing and submitting the design summary package for the sewer lift station applications to the local, state and federal agencies for the review of the sewer lift station. Contractor shall be responsible for providing engineer's seal on the design summary package. Contractor shall be responsible for preparing and submitting the effluent outfall pattern description as required.
- D. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF SEWER MAIN PRIOR TO ROUGH-IN.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles. Include rated capacities, operating characteristics, electrical characteristics, and furnished specialties and accessories.
- B. Wiring Diagrams: For power, signal, and control wiring.

1.4 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For pumps and controls, to include in operation and maintenance manuals.

1.5 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. UL Compliance: Comply with UL 778 for motor-operated water pumps.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Retain shipping flange protective covers and protective coatings during storage.
- B. Protect bearings and couplings against damage.
- C. Comply with pump manufacturer's written rigging instructions for handling.

PART 2 - PRODUCTS

2.1 SEWER LIFT STATION

- A. The Contractor shall furnish and install one Pre-assembled Duplex Grinder System lift station with (1) packaged duplex lift pumps and wet well required to meet invert and elevation requirements. Manufacturer shall be Liberty Model D3696LSG202-48 or approved equal.
- B. The lift station shall be equipped with Liberty LSG202, 2 HP duplex grinder pumps, duplex control panel (208-1-60), capacities of 50 GPM, a total dynamic head of 108', 25' power cord; lift-out package, GR20 guide rail assemblies, guide rail piping (galvanized steel), with high water alarm, seal failed alarm, float switches. 3'-0" diameter by 8'-0" fiberglass basin with anti-floatation flange with 2" side discharge down 24" from the cover, 36" blank fiberglass cover, stainless steel lift-out chains, 6" inlet flange, all piping inside wet well and junction box.
- C. The pumps shall be activated automatically by a mechanical float switches. The mechanical float switch controls shall be designed to automatically alternate the pumps at each cycle to equalize wear. An override control shall activate the lag pump automatically if liquid level in the lift station rises six inches above the activating point of the lead pump. In addition, a flashing light high water alarm shall be activated if liquid level rises six inches above the activating point of the lag pump. Each mechanical float switch control shall be installed completely from the bottom of the lift station to a point above the normal operating water level to insure normal operation of the mechanical float switch.
- D. Electrical controls shall be mounted within a weatherproof AE24H=NEMA 4X duplex alternating control panel including four floats, aux. contacts, and integral audio/visual high level alarm with built-in vent in the control pedestal. Controls shall include: duplex pump motor control center, 208-1-60, complete with across-the-line fusible switch type combination starters, 1 phase overload protection, control transformer, electrical alternator, pump running lights, reset push buttons, terminals for connection of overload or high-water alarm, and with "Hand-Off-On" selector switches. JB70 junction box, with watertight cable connectors and 2" conduit coupling.
- E. Discharge line shall include check valve and shut-off valve. Discharge shall be 2" diameter, solid wall schedule 40 PVC piping and fittings with solvent weld joints.
- F. Warranty: 3 years.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine roughing-in for plumbing piping to verify actual locations of sanitary drainage and vent piping connections before sewage pump installation.

3.2 INSTALLATION

- A. Wiring Method: Comply with requirements in Section 260519 "Low-Voltage Electrical Power Conductors and Cables."
- B. Wiring within Enclosures: Bundle, lace, and train conductors to terminal points with no excess and without exceeding manufacturer's limitations on bending radii. Provide and use lacing bars and distribution spools.

3.3 CONNECTIONS

- A. Comply with requirements for piping specified in Section 221316 "Sanitary Waste and Vent Piping." Drawings indicate general arrangement of piping, fittings, and specialties.
- B. Install piping adjacent to equipment to allow service and maintenance.

3.4 FIELD QUALITY CONTROL

- A. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections.
- B. Perform tests and inspections.
 - 1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.
- C. Tests and Inspections:
 - 1. Perform each visual and mechanical inspection.
 - 2. Leak Test: After installation, charge system and test for leaks. Repair leaks and retest until no leaks exist.
 - 3. Operational Test: After electrical circuitry has been energized, start units to confirm proper motor rotation and unit operation.
 - 4. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.
- D. Pumps and controls will be considered defective if they do not pass tests and inspections.
- E. Prepare test and inspection reports.

3.5 STARTUP SERVICE

- A. Engage a factory-authorized service representative to perform startup service.
 - 1. Complete installation and startup checks according to manufacturer's written instructions.

3.6 ADJUSTING

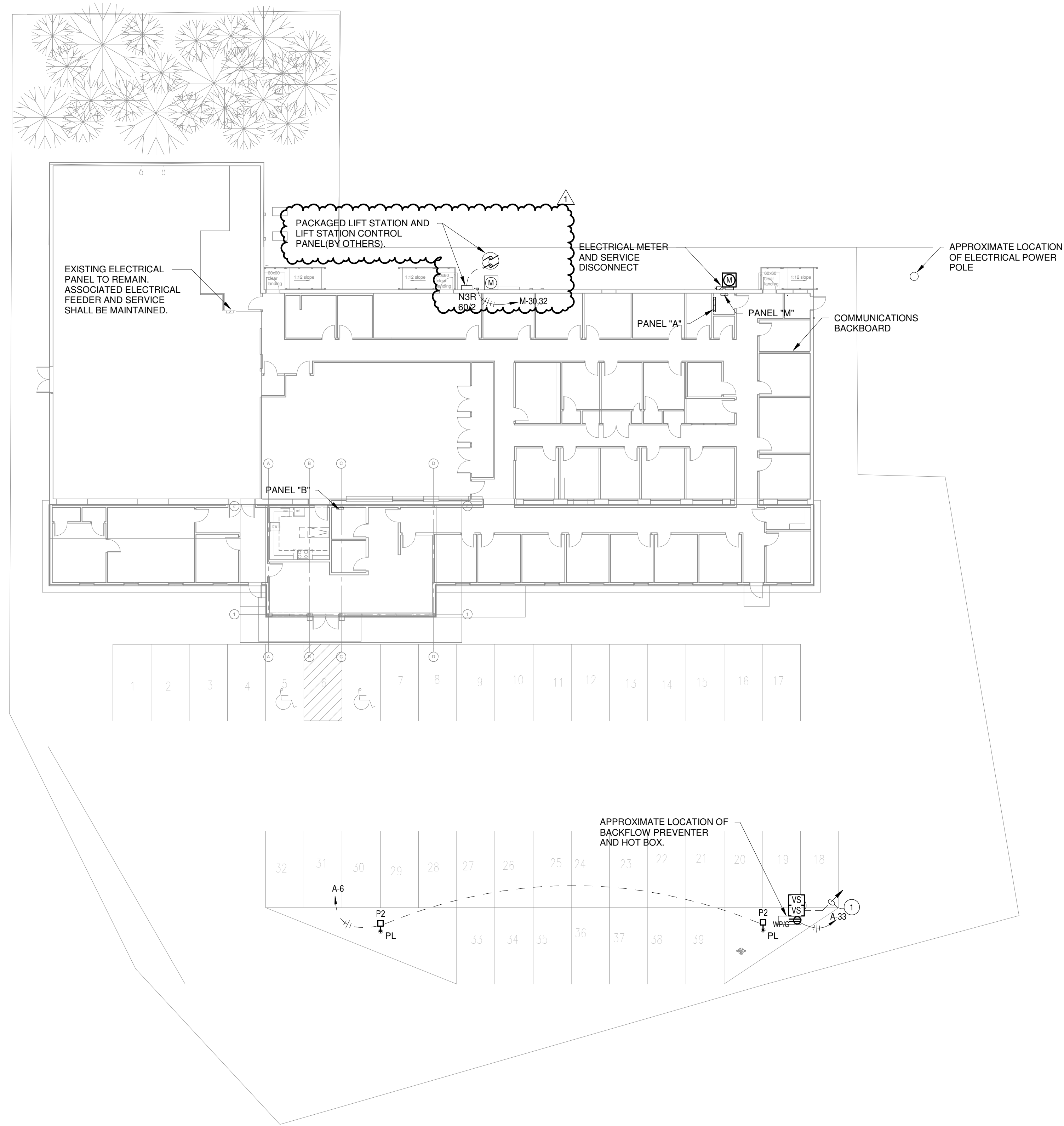
- A. Adjust pumps to function smoothly, and lubricate as recommended by manufacturer.
- B. Adjust control set points.

3.7 OWNER TRAINING

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain controls and pumps.

END OF SECTION 22 13 29

ELECTRICAL NOTES



① Electrical Site Plan
1/16" = 1'-0" Refer to Architectural Drawings for All Dimensions

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774

Mechanical Contact: Dustin Duval, P.E.
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 21167.00

Architectural Alliance Incorporated
350 Pine Street, Suite 200
Baton Rouge, Louisiana 70801
TEL: (504) 885-7196
FAX: (504) 885-7197
www.archalliance.com

STATE OF TEXAS
DAVID CARROLL
137373
LICENSED PROFESSIONAL ENGINEER
03/07/2022

SPINDLETOP SILSBEE
Spindletop MHMR

222 Durbin Dr.
Silsbee, TX 77656

ISSUED FOR SCHEMATIC DESIGN
DATE: _____

DESIGN DEVELOPMENT
DATE: _____

BIDS & CONSTRUCTION
DATE: 02/28/2022

REVISION: Revision 1
DATE: 03/07/2022

REVISION: _____
DATE: _____

REVISION: _____
DATE: _____

DRAWINGS SHEET TITLE
ELECTRICAL SITE PLAN

SHEET NUMBER
E100R1

21061
PROJECT NUMBER

Branch Panel: A

Location: ELECTRICAL 132
Mounting: Surface
Enclosure: Type 1
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 22,000
Mains Type: MLO
Mains Rating: 125 A

General Schedule Notes:

Verify proper working clearances per N.E.C. prior to installation.

Table with columns: Notes, #, Circuit Description, Trip, Poles, Wire, Gnd., C., A, B, C, C., Gnd., Wire, Poles, Trip, Circuit Description, #, Notes. Contains circuit data for Branch Panel A.

Summary table for Branch Panel A: Total Load (9 kVA, 11 kVA, 9 kVA), Total Amps (75 A, 94 A, 71 A), Load Classification (HVAC, Lighting, Receptacles), and Panel Totals.

Panel Schedule Notes: (Notes below do not necessarily appear in panel schedule)
1. CIRCUIT VIA 4 POLE LIGHTING CONTACTOR, CONTROL WITH (2) CIRCUIT INTERMATIC OR EQUAL ASTRONOMICAL TIME CLOCK WITH BATTERY BACKUP AND PHOTOCELL, PHOTOCELL "ON" TIME CLOCK "OFF".

Branch Panel: M

Location: ELECTRICAL 132
Mounting: Surface
Enclosure: Type 1
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 22,000
Mains Type: MLO
Mains Rating: 400 A

General Schedule Notes:

Verify proper working clearances per N.E.C. prior to installation.

Table with columns: Notes, #, Circuit Description, Trip, Poles, Wire, Gnd., C., A, B, C, C., Gnd., Wire, Poles, Trip, Circuit Description, #, Notes. Contains circuit data for Branch Panel M.

Summary table for Branch Panel M: Total Load (44 kVA, 39 kVA, 37 kVA), Total Amps (373 A, 330 A, 306 A), Load Classification (HVAC, Heating, Motor, Lighting, Water Heater, Condensing Units, Receptacles), and Panel Totals.

Panel Schedule Notes: (Notes below do not necessarily appear in panel schedule)
1. VERIFY BREAKER SIZE PER EQUIPMENT MANUFACTURER'S RECOMMENDED NAME PLATE RATING PRIOR TO SHOP DRAWINGS PHASE OF PROJECT.

Branch Panel: B

Location: ELECTRICAL 132
Mounting: Surface
Enclosure: Type 1
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 22,000
Mains Type: MLO
Mains Rating: 125 A

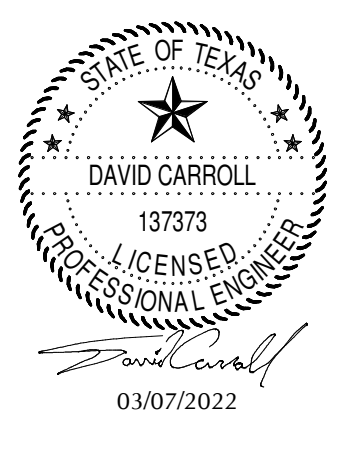
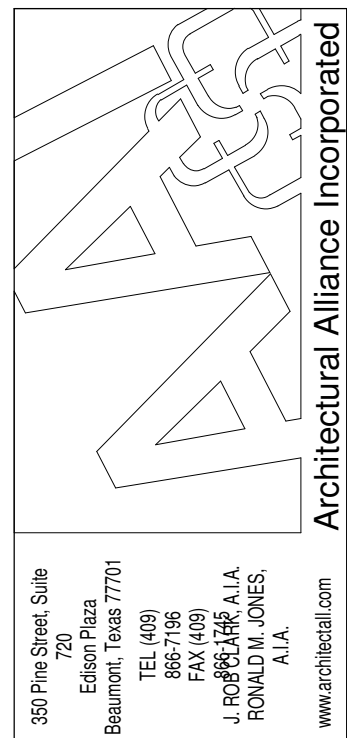
General Schedule Notes:

Verify proper working clearances per N.E.C. prior to installation.

Table with columns: Notes, #, Circuit Description, Trip, Poles, Wire, Gnd., C., A, B, C, C., Gnd., Wire, Poles, Trip, Circuit Description, #, Notes. Contains circuit data for Branch Panel B.

Summary table for Branch Panel B: Total Load (14 kVA, 7 kVA, 12 kVA), Total Amps (123 A, 59 A, 106 A), Load Classification (HVAC, Lighting, Receptacles), and Panel Totals.

Panel Schedule Notes: (Notes below do not necessarily appear in panel schedule)
1. VERIFY BREAKER SIZE PER EQUIPMENT MANUFACTURER'S RECOMMENDED NAME PLATE RATING PRIOR TO SHOP DRAWINGS PHASE OF PROJECT.



SilSBEE, TX 77656

SPINDLETOP SILSBEE
Spindletop MHR

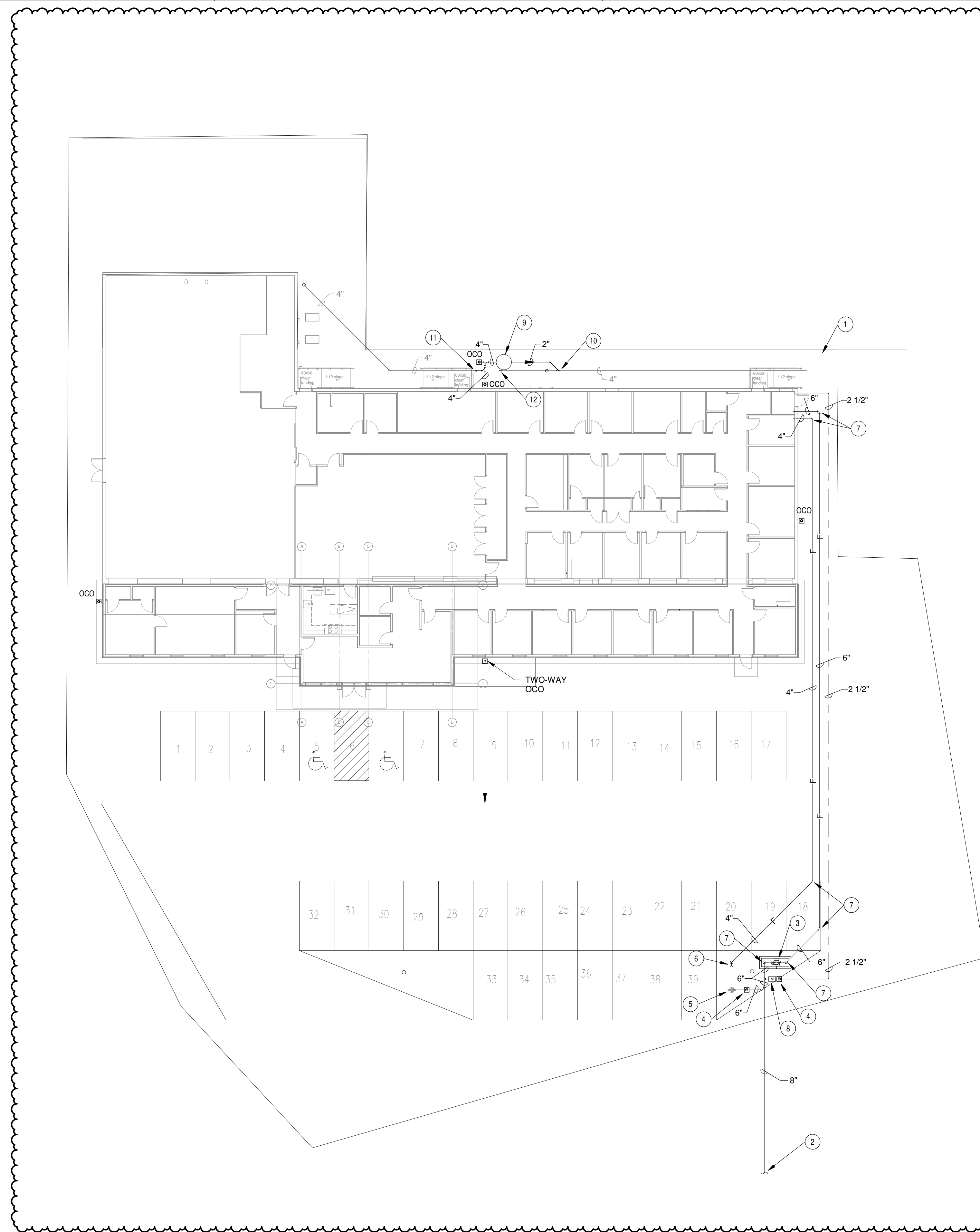
222 Durbin Dr.

ISSUED FOR SCHEMATIC DESIGN
DESIGN DEVELOPMENT
BIDS & CONSTRUCTION
REVISION: 1
REVISION: 2

DRAWINGS SHEET TITLE
ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E700R1
21061
PROJECT NUMBER



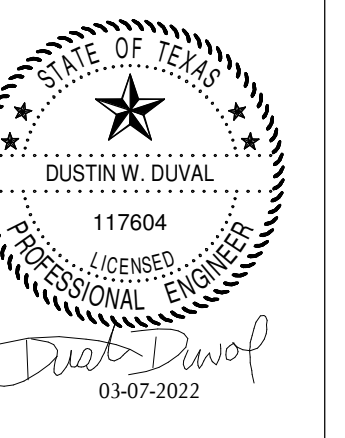


PLUMBING KEYNOTES:

- 1 TOTAL OF 4 EXISTING WATER METERS ARE CURRENTLY INSTALLED IN THIS LOCATION. CONTRACTOR SHALL REMOVE ALL FOUR (4) WATER METERS. CONTRACTOR SHALL REMOVE EXISTING BACKFLOW PREVENTER AND EXISTING DOMESTIC WATER LINES BELOW GRADE TO ACCOMMODATE FOR NEW WATER LINE. ALL EXISTING REMAINING LINES BELOW GRADE SHALL REMOVED OR BE CAPPED TO ACCOMMODATE INSTALLATION OF NEW LINES.
- 2 EXTEND AND CONNECT TO EXISTING 8" CITY WATER MAIN ON THE NORTH SIDE OF THE STREET WITH TAPPING SLEEVE AND VALVE. CONTRACTOR SHALL SAWCUT AND PATCH STREET OR JACK AND BORE AS REQUIRED. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH LOCAL UTILITY COMPANY AND PAY FOR ALL CONNECTION FEES.
- 3 DOUBLE CHECK DETECTOR ASSEMBLY WITH BY-PASS WATER METER WITHIN ALUMINUM INSULATED ENCLOSURE WITH HEATER.
- 4 2 1/2" SHUT-OFF VALVE IN CAST IRON VALVE BOX MARKED "WATER" ON COVER.
- 5 NEW FIRE HYDRANT AND ISOLATION VALVE. FIRE HYDRANT SHALL HAVE THREADS APPROVED BY LOCAL FIRE DEPARTMENT.
- 6 FIRE DEPARTMENT CONNECTION. COORDINATE THREAD CONNECTIONS WITH LOCAL FIRE DEPARTMENT.
- 7 INSTALL THRUST BLOCK AT ALL BENDS IN WATER PIPING BELOW GRADE.
- 8 WATER METER BY LOCAL UTILITY COMPANY. CONTRACTOR SHALL PAY FOR ALL FEES AND CHARGES. TOTAL DEMAND = 70 GPM FOR PHASE 1 & PHASE 2.
- 9 PACKAGED LIFT STATION AND CONTROL PANEL MOUNTED ON UNISTRUT RACK.
- 10 FORCED MAIN SHALL CONNECT TO EXISTING 4" GRAVITY SEWER LINE IN THIS VICINITY.
- 11 CONNECT TO EXISTING SANITARY SEWER LINE IN THIS VICINITY.
- 12 CAP EXISTING SANITARY SEWER LINE IN THIS VICINITY.

1 Plumbing Site Plan
 1/16" = 1'-0" Refer to Architectural Drawings for All Dimensions

Architectural Alliance Incorporated
 359 Pine Street, Suite 220
 Houston, Texas 77010
 TEL: (409) 896-7196
 FAX: (409) 896-7145
 A. ROBERT JONES, A.I.A.
 RONALD A. JONES, A.I.A.
 www.archalliance.com



SilSbee, TX 77656
 222 Durbin Dr.
 SPINDLETOP SILSBEE
 Spindletop MHR

ISSUED FOR SCHEMATIC DESIGN	<input type="checkbox"/>
DATE:	
DESIGN DEVELOPMENT	<input type="checkbox"/>
DATE:	
BIDS & CONSTRUCTION	<input checked="" type="checkbox"/>
DATE: 02/28/2022	
REVISION:	
DATE: 03/07/2022	
REVISION:	
DATE:	
REVISION:	
DATE:	

DRAWINGS SHEET TITLE
PLUMBING SITE PLAN

SHEET NUMBER
P100R1
 21061
 PROJECT NUMBER

1304 BERTRAND DRIVE SUITE F7
 LAFAYETTE, LOUISIANA 70506
 (337) 234-7474 * FAX (337) 234-7774
 Mechanical Contact: Dustin Duval, P.E.
 dustin@meconsulting.com
 Electrical Contact: David Carroll, P.E.
 david@meconsulting.com
 PROJECT No.: 21167.00

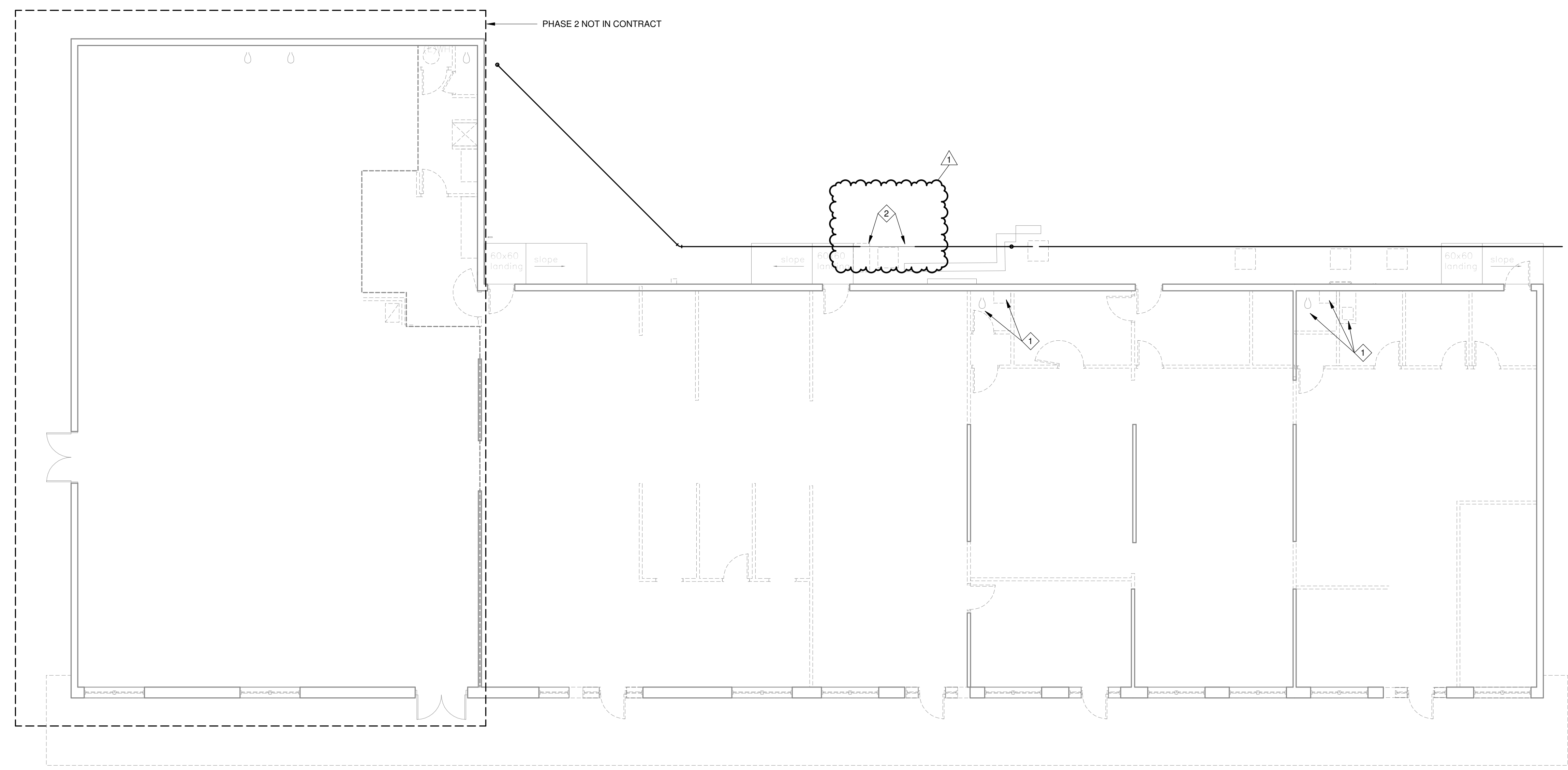
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DRAWINGS SHEET TITLE	PLUMBING DEMOLITION PLAN
SHEET NUMBER	P200R1
PROJECT NUMBER	21061

PLUMBING DEMOLITION KEYNOTES:

1 REMOVE PLUMBING FIXTURE IN THIS VICINITY. CAP AND SEAL PIPING BEHIND A FINISHED SURFACE.

2 REMOVE EXISTING SEWER LINE IN THIS VICINITY TO ACCOMMODATE FOR NEW SEWER LINE. REFER TO SHEET P300 PLUMBING PLAN FOR ADDITIONAL INFORMATION.



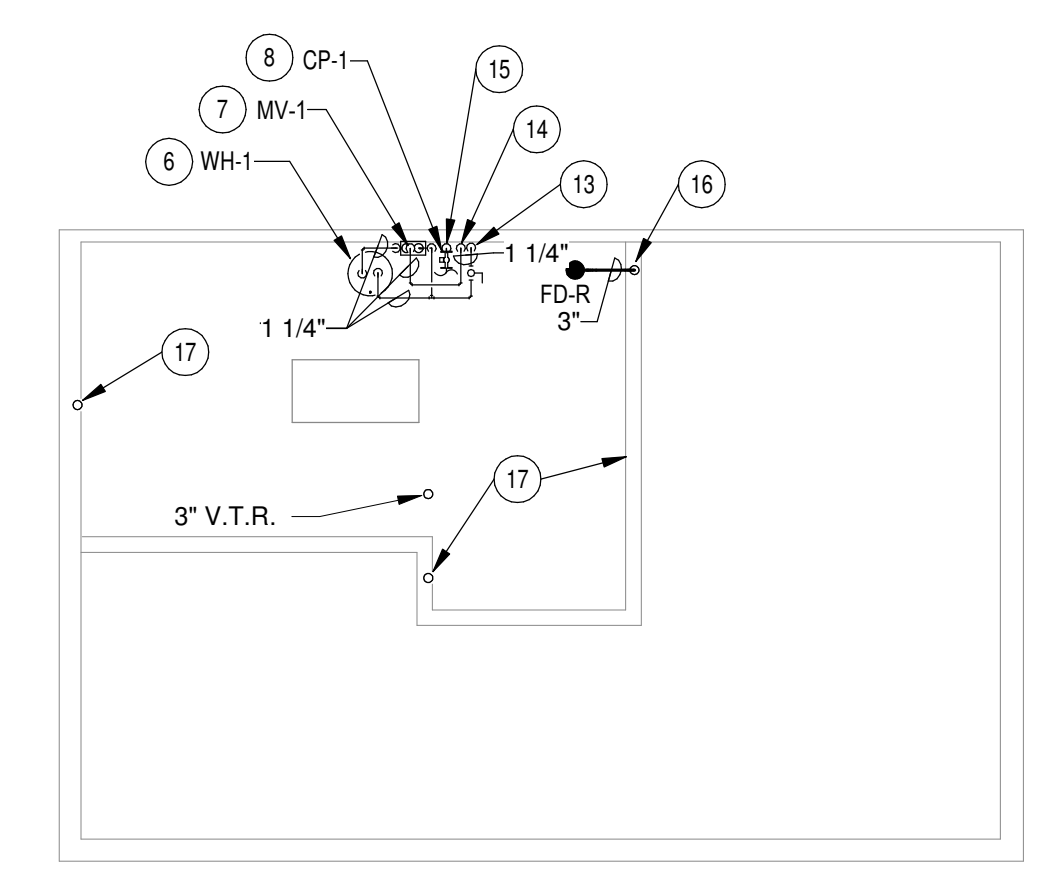
1 Plumbing Plan - Demolition
 1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

1304 BERTRAND DRIVE SUITE F7
 LAFAYETTE, LOUISIANA 70506
 (337) 234-7474 * FAX (337) 234-7774

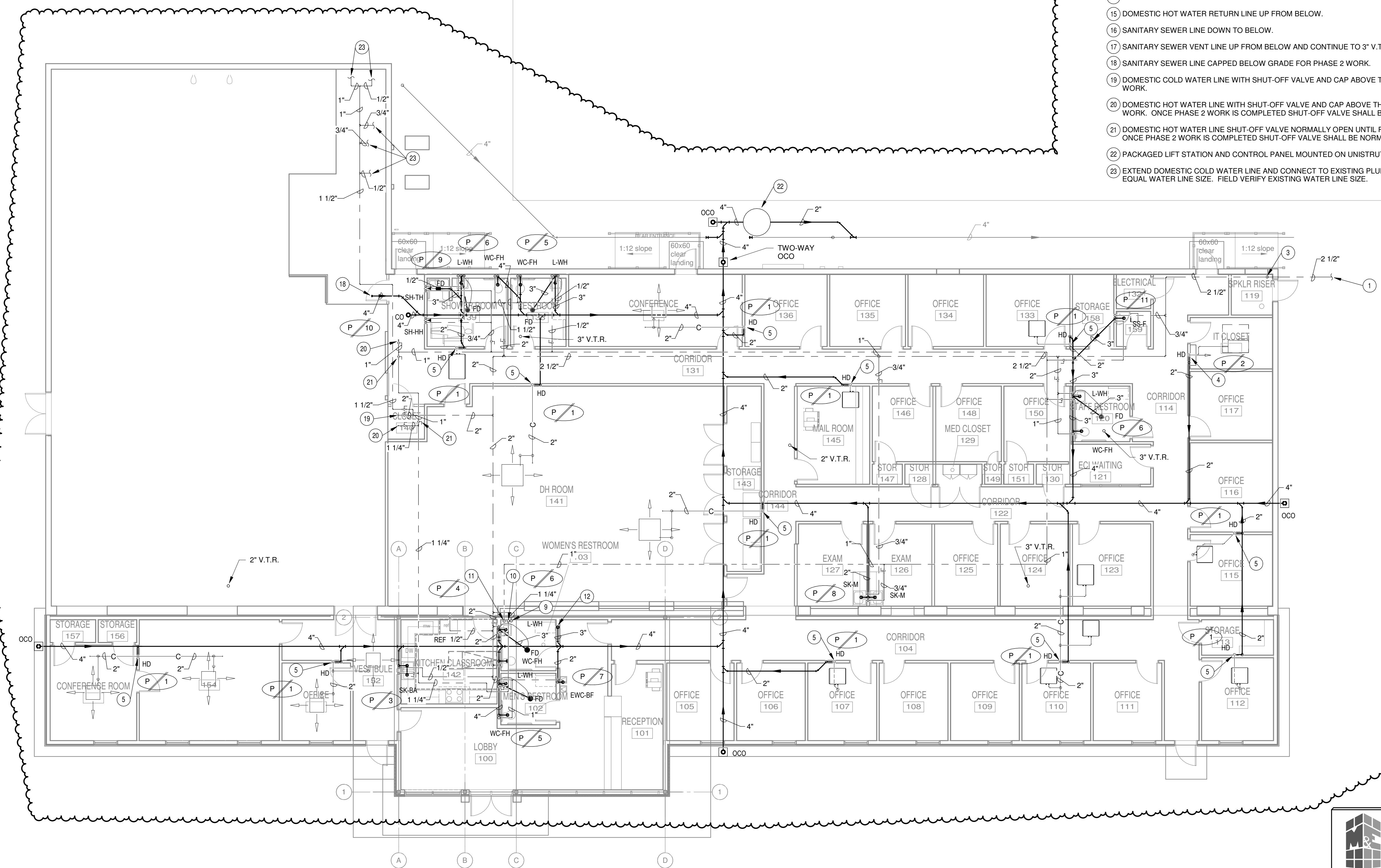
Mechanical Contact: Dustin Duval, P.E.
 dustin@meconsulting.com
 Electrical Contact: David Carroll, P.E.
 david@meconsulting.com

PROJECT No.: 21167.00

- PLUMBING KEYNOTES:**
- 1 REFER TO PLUMBING SITE PLAN FOR CONTINUATION.
 - 2 1/2" VALVE IN CAST IRON VALVE BOX MARKED "WATER" ON COVER.
 - 3 1/2" DOMESTIC WATER LINE UP FROM BELOW GRADE WITHIN THE SPRINKLER ENTRY ROOM WITH BALL TYPE SHUT-OFF VALVE INSTALLED AT 3'-0" A.F.F. RISE UP TO ABOVE THE CEILING AND ROUTE TO PLUMBING FIXTURES AS REQUIRED.
 - 4 HUB DRAIN AND INSULATED P-TRAP WITHIN WALL WITH METAL ACCESS PANEL IN WALL TO ACCESS INDIRECT TERMINATION OF A/C CONDENSATE DRAIN LINE AT THE HUB DRAIN. FIRE RATED ACCESS PANELS SHALL BE INSTALLED IN FIRE RATED WALLS.
 - 5 HUB DRAIN AND INSULATED P-TRAP WITHIN WALL WITH HUB DRAIN OPENING ABOVE THE SUSPENDED CEILING TO ACCESS INDIRECT TERMINATION OF A/C CONDENSATE DRAIN LINE AT THE HUB DRAIN.
 - 6 ELECTRIC WATER HEATER LOCATED ON THE MEZZANINE LEVEL FINISHED FLOOR WITHIN EMERGENCY DRAIN PAN. TERMINATE RELIEF LINE AND EMERGENCY DRAIN PAN LINE INTO RECESSED FLOOR DRAIN LOCATED ON THE MEZZANINE LEVEL. PROVIDE 2" AIR GAP FOR RELIEF LINE TERMINATE AT RECESSED FLOOR DRAIN. COORDINATE EXACT LOCATION WITH HVAC/ELECTRICAL EQUIPMENT PRIOR TO INSTALLATION.
 - 7 MIXING VALVE ON THE MEZZANINE LEVEL MOUNTED ADJACENT TO WATER HEATER.
 - 8 CIRCULATING PUMP ON THE MEZZANINE LEVEL MOUNTED ADJACENT TO WATER HEATER.
 - 9 DOMESTIC COLD WATER LINE UP TO MEZZANINE LEVEL.
 - 10 DOMESTIC HOT WATER LINE DOWN FROM MEZZANINE LEVEL.
 - 11 DOMESTIC HOT WATER RETURN LINE UP TO MEZZANINE LEVEL.
 - 12 SANITARY SEWER LINE DOWN FROM MEZZANINE LEVEL AND CONTINUE DOWN TO BELOW GRADE.
 - 13 DOMESTIC COLD WATER LINE UP FROM BELOW.
 - 14 DOMESTIC HOT WATER LINE DOWN TO BELOW.
 - 15 DOMESTIC HOT WATER RETURN LINE UP FROM BELOW.
 - 16 SANITARY SEWER LINE DOWN TO BELOW.
 - 17 SANITARY SEWER VENT LINE UP FROM BELOW AND CONTINUE TO 3" V.T.R.
 - 18 SANITARY SEWER LINE CAPPED BELOW GRADE FOR PHASE 2 WORK.
 - 19 DOMESTIC COLD WATER LINE WITH SHUT-OFF VALVE AND CAP ABOVE THE CEILING FOR FUTURE PHASE 2 WORK.
 - 20 DOMESTIC HOT WATER LINE WITH SHUT-OFF VALVE AND CAP ABOVE THE CEILING FOR FUTURE PHASE 2 WORK. ONCE PHASE 2 WORK IS COMPLETED SHUT-OFF VALVE SHALL BE NORMALLY OPEN.
 - 21 DOMESTIC HOT WATER LINE SHUT-OFF VALVE NORMALLY OPEN UNTIL PHASE 2 WORK IS COMPLETED. ONCE PHASE 2 WORK IS COMPLETED SHUT-OFF VALVE SHALL BE NORMALLY CLOSED.
 - 22 PACKAGED LIFT STATION AND CONTROL PANEL MOUNTED ON UNISTRUT RACK.
 - 23 EXTEND DOMESTIC COLD WATER LINE AND CONNECT TO EXISTING PLUMBING FIXTURE AS REQUIRED WITH EQUAL WATER LINE SIZE. FIELD VERIFY EXISTING WATER LINE SIZE.



2 Plumbing Plan - Mezzanine
 1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions



1 Plumbing Plan
 1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

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