

INDIANA DUNES STATE PARK

STATE PARK OFFICE REMODELING

PORTER COUNTY



Certified by:

LOCATION MAP



PROJECT LOCATION
CHESTERTON
PORTER COUNTY, IN

DRAWINGS INDEX

GENERAL

- G-1 DRAWING INDEX, LOCATION MAP
- G-2 LIFE SAFETY COMPLIANCE PLAN

CIVIL

- C-1 UTILITY PLAN, CONSTRUCTION LIMITS

STRUCTURAL

- S-1 NEW CONCRETE SLAB PLAN, DETAILS

ARCHITECTURAL

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- A-1 FLOOR PLAN, ATTIC FLOOR PLAN, FINISH SCHEDULE
- A-2 PARTIAL FLOOR PLANS, KITCHENETTE ELEVATION
- A-3 BUILDING ELEVATIONS
- A-4 WALL SECTIONS, MATERIAL SYMBOLS LEGEND
- A-5 BUILDING SECTIONS, INTERIOR ELEVATIONS
- A-6 STOREFRONT DETAILS
- A-7 DOOR SCHEDULE, STOREFRONT ELEVATION

PLUMBING

- P-1 PLUMBING HOT & COLD WATER PLAN,
PLUMBING HOT & COLD WATER ISOMETRIC
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- P-2 SANITARY SEWER PLAN,
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ELECTRICAL

- E-1 ELECTRICAL LIGHTING PLAN,
ELECTRICAL FIXTURE SCHEDULE
- E-2 ELECTRICAL RECEPTACLE FIRST FLOOR PLAN,
ELECTRICAL RECEPTACLE & LIGHTING PLAN - ATTIC

PROJECT INFORMATION

BUILDING ADDRESS: INDIANA DUNES STATE PARK
Chesterton, IN 46304
(219) 928-3997

COUNTY: Porter

OCCUPANCY TYPE: B

CONSTRUCTION TYPE: TYPE VB
INDIANA BUILDING CODE 2014 EDITION

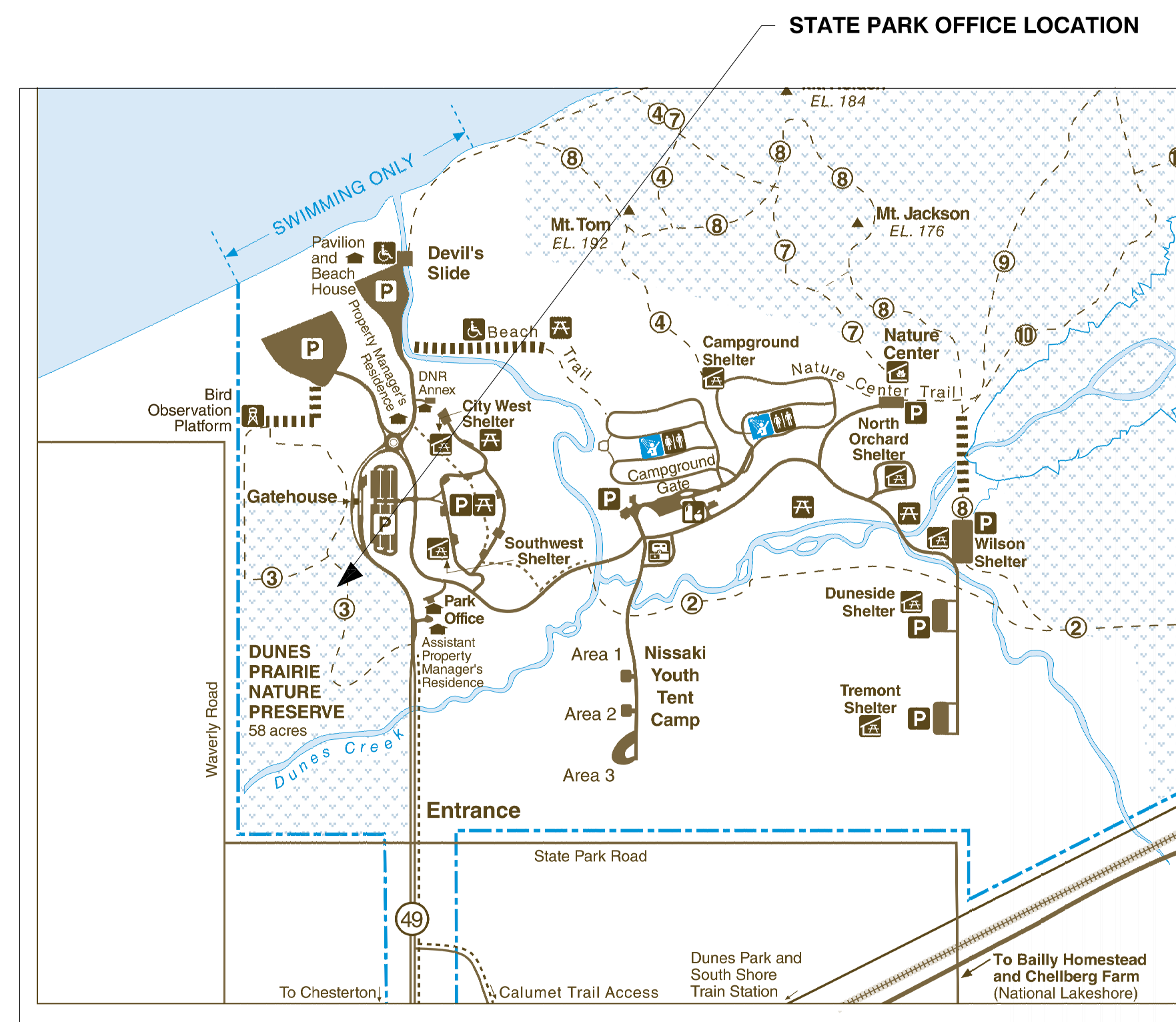
ZONING AUTHORITIES: N/A

BUILD-OUT AREA: EXISTING 2000 S.F. (gross)

CALCULATED OCCUPANT LOAD: 29 PEOPLE

INDIANA DUNES STATE PARK
 STATE PARK OFFICE REMODELING
 INDIANA DEPT. OF NATURAL RESOURCES
 1600 N. 25 E.
 CHESTERTON, IN 46304

SITE PLAN



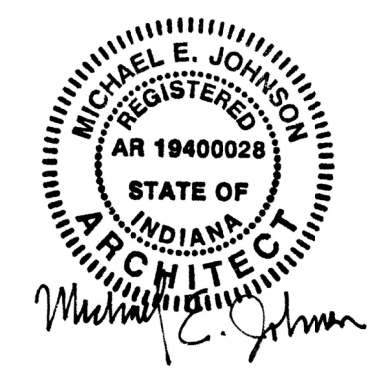
GENERAL NOTES:

1. THESE GENERAL NOTES APPLY TO ALL DRAWINGS.
2. FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO STARTING WORK AND NOTIFY ARCHITECT IMMEDIATELY IF DISCREPANCIES ARE FOUND BETWEEN CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS.
3. DISCONNECT EXISTING UTILITIES. SECURE UTILITIES FOR CONSTRUCTION PHASE.
4. EXISTING FIBER OPTIC LINES AND EQUIPMENT WITHIN THIS BUILDING SERVICE THE ENTIRE STATE PARK. USE CAUTION AND COORDINATE WORK WITH STATE'S SEPARATE VENDOR (C-CAT, INC.). REFERENCE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING SEQUENCE OF WORK RELATED TO MAINTAINING FIBER OPTIC SERVICE.
5. REFER TO DRAWING D-1 FOR DEMOLITION/REMOVAL.
6. COORDINATE PENETRATIONS THRU EXTERIOR WALLS AND ROOF FOR ALL UTILITIES WITH ARCHITECT/ENGINEER REPRESENTATIVE.
7. DIMENSIONS OF NEW CONSTRUCTION ARE SHOWN TO METAL STUD SURFACE (WITHOUT GYPSUM BOARD) UNLESS NOTED OTHERWISE, SEE 8.
8. DIMENSIONS SHOWN WITH ASTERISK, REPRESENTING ADA REQUIREMENTS AND ARE SHOWN TO FINISH SURFACE MATERIAL.
9. DO NOT SCALE DRAWINGS. REFER DIMENSION QUESTIONS TO ARCHITECT FOR INTERPRETATION.
10. ALL NEW WALLS SHALL BE 22 GAGE STEEL STUDS: 2-1/2" DEPTH AND 3-5/8" DEPTH, WITH SPACING 16" ON CENTER UNLESS NOTED OTHERWISE. SEE FLOOR PLAN FOR LOCATION.
11. INSTALL 2" CLOSED CELL (SEMI-PERMEABLE) POLYURETHANE INSULATION ON THE INTERIOR OF THE EXTERIOR WALLS AS SHOWN ON DRAWINGS AND SPECIFIED.
12. ALL GYPSUM BOARD SHALL BE 5/8" TYPE "X", EXCEPT AT RESTROOMS WALLS SHALL BE 5/8" TYPE "X" MOISTURE-RESISTANT GYPSUM BOARD AND TILE BACKING PANELS AT WET WALLS.
13. ALL GYPSUM BOARD INTERSECTIONS, CORNERS, ENDS, ETC., SHALL HAVE 'L', 'U', 'J' PLASTIC TRIM ACCESSORIES.
14. VERIFY MOUNTING HEIGHT OF ACCESSORIES, EQUIPMENT, DOOR HARDWARE, CASEWORK, ETC., AND PROVIDE SOLID BLOCKING BEHIND ITEMS REQUIRING ANCHORAGE. PROVIDE WOOD BLOCKING OR METAL STRAPS BETWEEN FRAMING MEMBERS AS REQUIRED TO SUPPORT WEIGHT AND USE OF ITEMS TO BE SUPPORTED. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT ITEMS AT RECOGNIZED INDUSTRY STANDARD MOUNTING HEIGHTS. COORDINATE LOCATIONS WITH MANUFACTURER OR SUPPLIER AND REFER ANY MOUNTING QUESTIONS TO ARCHITECT FOR INTERPRETATION.
15. ELECTRICAL INTERIOR OUTLETS SHALL BE INSTALLED 2 FT ABOVE FINISH FLOOR, U.O.N..



STATE OF INDIANA
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 ROOM 1229, INDIANA GOVERNMENT CENTER SOUTH
 402 WEST WASHINGTON STREET
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 TEL 317-232-4150, FAX 317-231-1205

Revisions:	
Project Number:	300DM-64013-01
Requisition Number:	
Designer:	B.D., M.E.J.
Drawing Date:	05-14-2021
Drafter:	B.D.
Drawing Scale:	AS NOTED
DNR Approval:	
Client Approval:	
File Number:	005 - 116
Drawing Number:	G-1
Sheet:	1 of 17



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INDIANA DUNES STATE PARK
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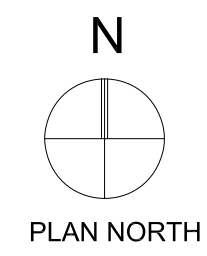
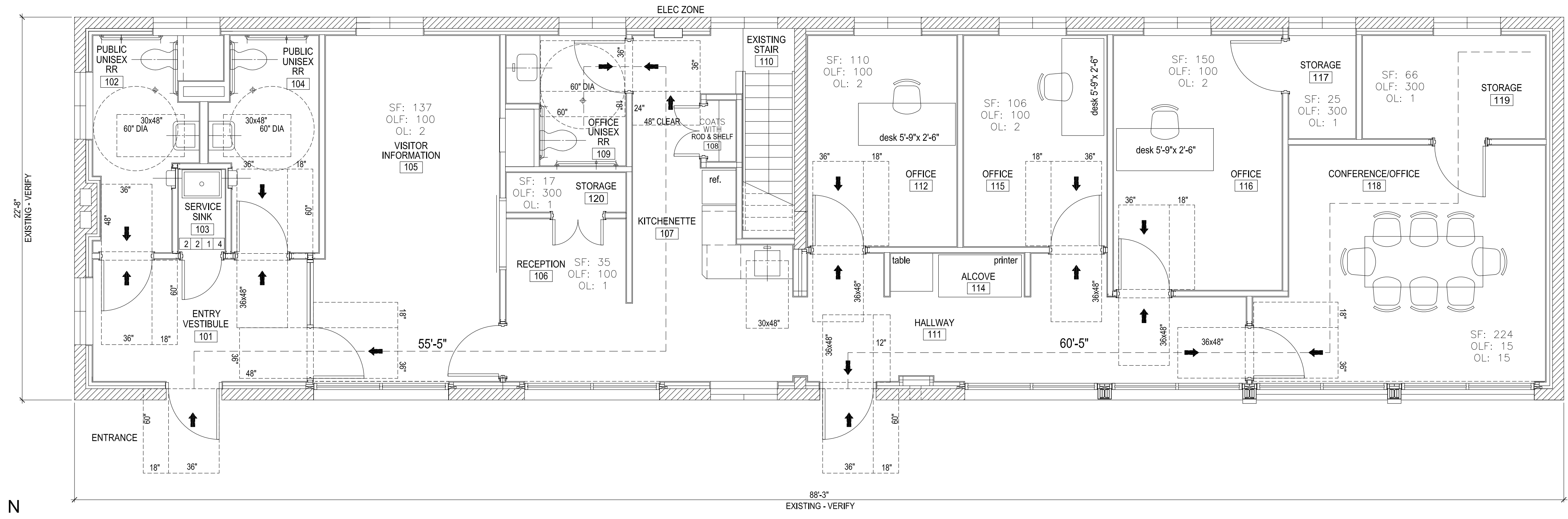
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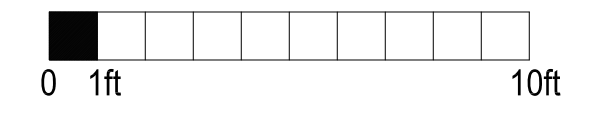
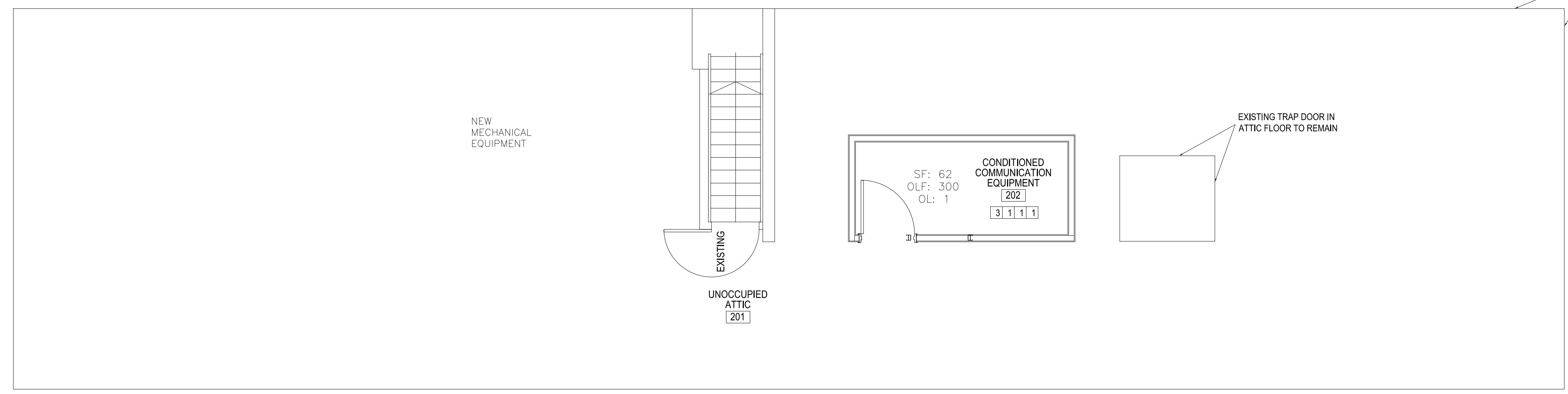
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005 - 116

Drawing Number:
G-2

Sheet: 2 of 17



FLOOR PLAN
 1/4" = 1'-0"
 1
 G-2

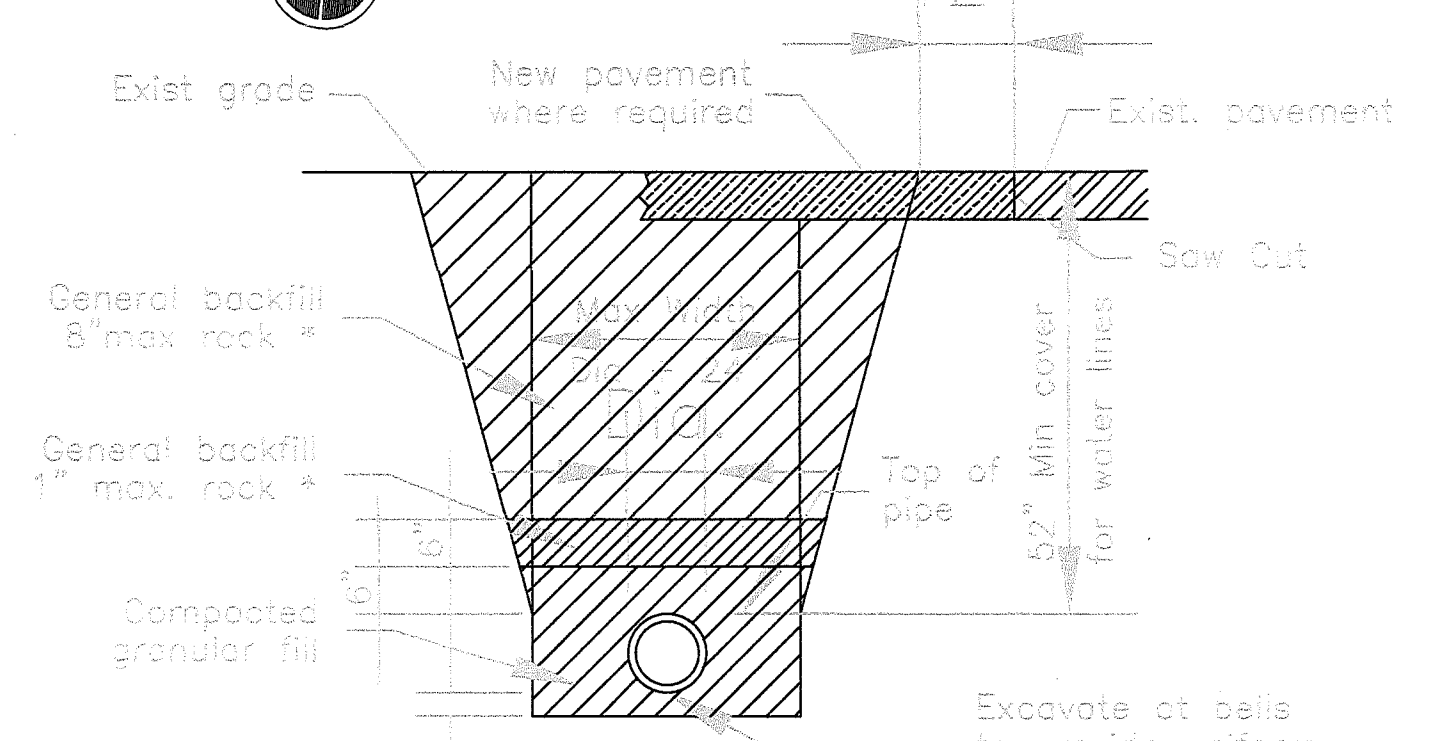
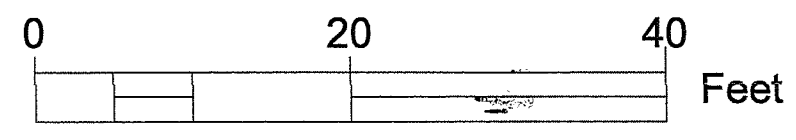


ATTIC PLAN
 1/4" = 1'-0"
 2
 G-2

**LIFE SAFETY/CODE COMPLIANCE PLAN FOR
 REMODELING OF OFFICE AT INDIANA DUNES STATE PARK**

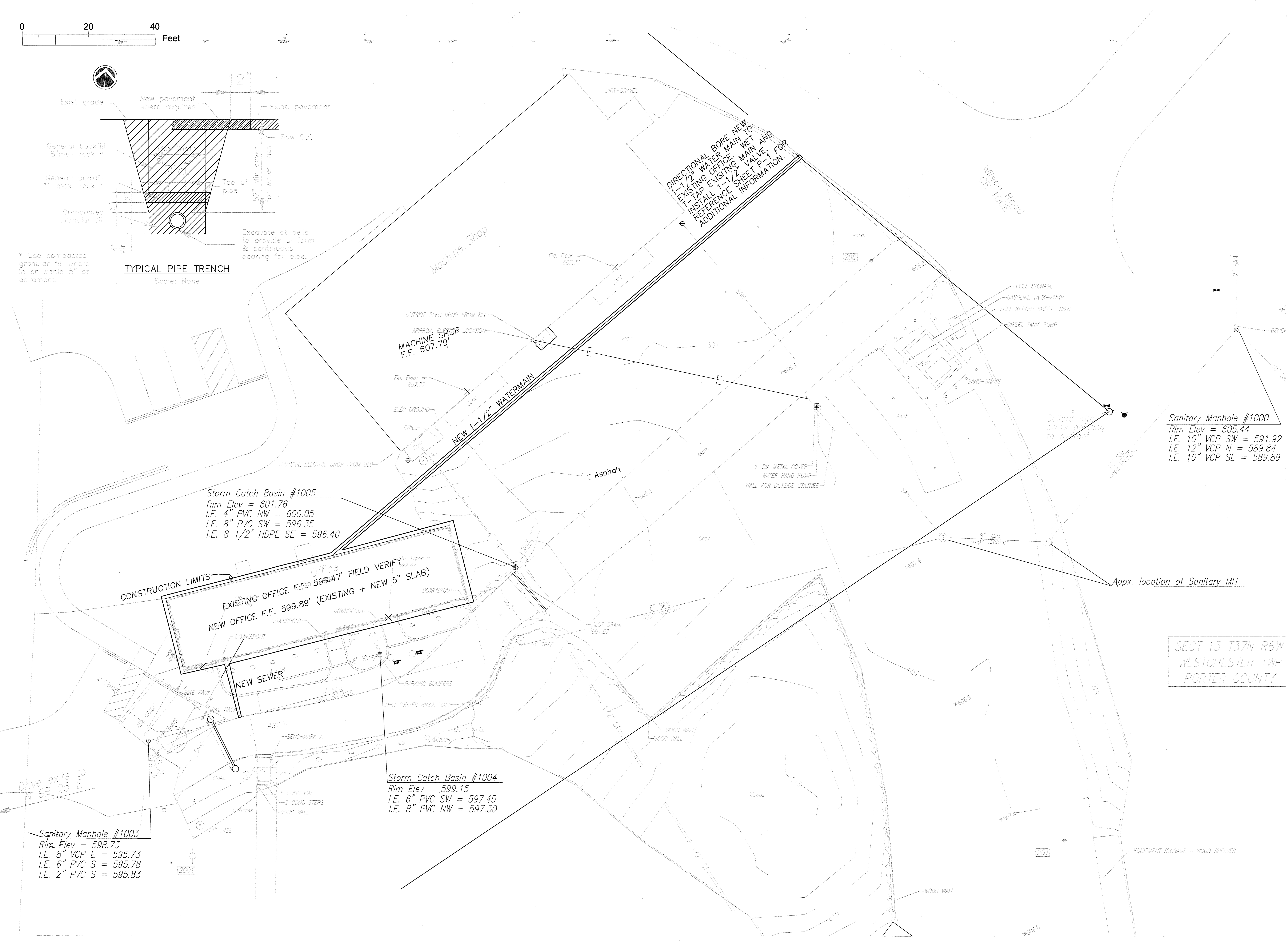
CODE SUMMARY:
 2014 INDIANA BUILDING CODE (2012 IBC)
 EXISTING OFFICE — PROPOSED OFFICE
 HISTORICAL BUILDING BUILT APPROXIMATELY 1930
 CONSTRUCTION: V-B
 OCCUPANCY: B
 OCCUPANT LOAD — CALCULATED: 28
 OCCUPANT LOAD — ACTUAL EMPLOYED: 4
 SPRINKLERS: NONE
 1-STORY + UNOCCUPIED ATTIC
 AREA FIRST FLOOR: 1,764 SF (6,000+ ALLOWABLE)
 AREA ATTIC: 62 SF (CONDITIONED MECHANICAL AREA)
 TOTAL REMODEL: 1,826 SF

CODE REFERENCES:
 GAR:
 (j) Alterations of buildings built prior to January 21, 1978 (the effective date of the first state rule for energy conservation) need not conform with the new construction standards of 675 IAC 19. This exception is applicable regardless of whether the building or other Class 1 structure has undergone one (1) or more changes of occupancy since its construction prior to January 21, 1978, and applies to all work done in the course of any alteration, regardless of the scope of the alteration work performed. For the purposes of this exception, any remodeling work is deemed to be an alteration. This exception does not apply to any addition to a building or Class 1 structure.
 SECTION 1009.0.1 STAIRS AND LADDERS USED TO ACCESS AREAS USED EXCLUSIVELY FOR MECHANICAL EQUIPMENT ARE EXEMPT FROM THIS SECTION.
 TABLE 1014.3 COMMON PATH OF EGRESS TRAVEL (≤30 OCCUPANTS) = 100'
 TABLE 1015.1 EXITS REQUIRED (<50 OCCUPANTS = 1) 2 EXITS PROVIDED
 TABLE 1016.2 EXIT ACCESS TRAVEL DISTANCE = 200 FEET
 TABLE 1018.1 CORRIDOR FIRE RESISTANCE RATING (SERVING <30 OCCUPANTS) = 0 HOURS
 TABLE 1018.2 MINIMUM CORRIDOR WIDTH (<50 OCCUPANTS) = 36"
 SECTION 1018.4 DEAD ENDS: WHERE MORE THAN 1 EXIT OR EXIT ACCESS DOORWAY IS REQUIRED = 20'. ONLY 1 EXIT REQUIRED.
 TABLE 1021.2 (2) MAXIMUM EXIT ACCESS TRAVEL DISTANCE FOR STORIES WITH 1 EXIT = 75'



TYPICAL PIPE TRENCH
Scale: None

* Use compacted granular fill where in or within 5" of pavement.



DIRECTIONAL BORE NEW
1-1/2" WATER MAIN TO
EXISTING OFFICE MAIN AND
INSTALL 1-1/2" VALVE. REFER TO
SHEET P-1 FOR
ADDITIONAL INFORMATION.

Storm Catch Basin #1005
Rim Elev = 601.76
I.E. 4" PVC NW = 600.05
I.E. 8" PVC SW = 596.35
I.E. 8 1/2" HDPE SE = 596.40

Office
EXISTING OFFICE F.F. 599.47' FIELD VERIFY
NEW OFFICE F.F. 599.89' (EXISTING + NEW 5" SLAB)

Storm Catch Basin #1004
Rim Elev = 599.15
I.E. 6" PVC SW = 597.45
I.E. 8" PVC NW = 597.30

Sanitary Manhole #1003
Rim Elev = 598.73
I.E. 8" VCP E = 595.73
I.E. 6" PVC S = 595.78
I.E. 2" PVC S = 595.83

Sanitary Manhole #1000
Rim Elev = 605.44
I.E. 10" VCP SW = 591.92
I.E. 12" VCP N = 589.84
I.E. 10" VCP SE = 589.89

Certified by: *[Signature]*

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SECT 13 T37N R6W
WESTCHESTER TWP
PORTER COUNTY

Revisions:

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Drawing Date:	05-07-2021
Drafter:	DK
Drawing Scale:	AS NOTED
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Client Approval:	
File Number:	005-116
Drawing Number:	
Sheet:	# C-1 of ##

May 14, 2021 3:08pm C:\Users\DK\AppData\Local\Temp\AutoCAD\15020205-18 C-1.dwg

CAUTION: EXISTING FIBER OPTIC LINES AND EQUIPMENT WITHIN THIS BUILDING SERVICE THE ENTIRE STATE PARK. USE EXTREME CAUTION AND COORDINATE WORK WITH STATE'S SEPARATE VENDOR (C-CAT, INC.). REFERENCE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING SEQUENCE OF WORK RELATED TO MAINTAINING FIBER OPTIC SERVICE.

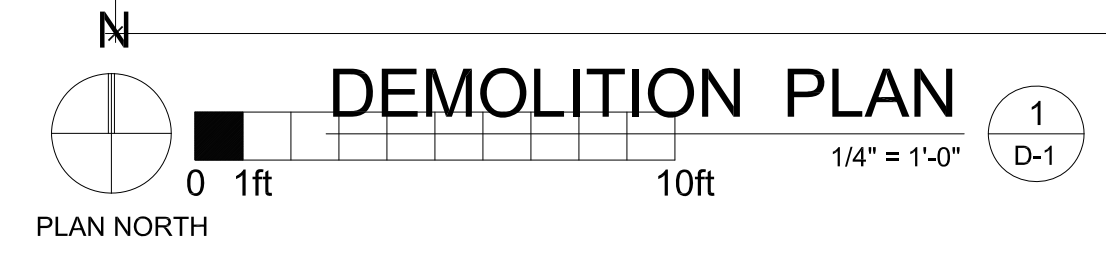
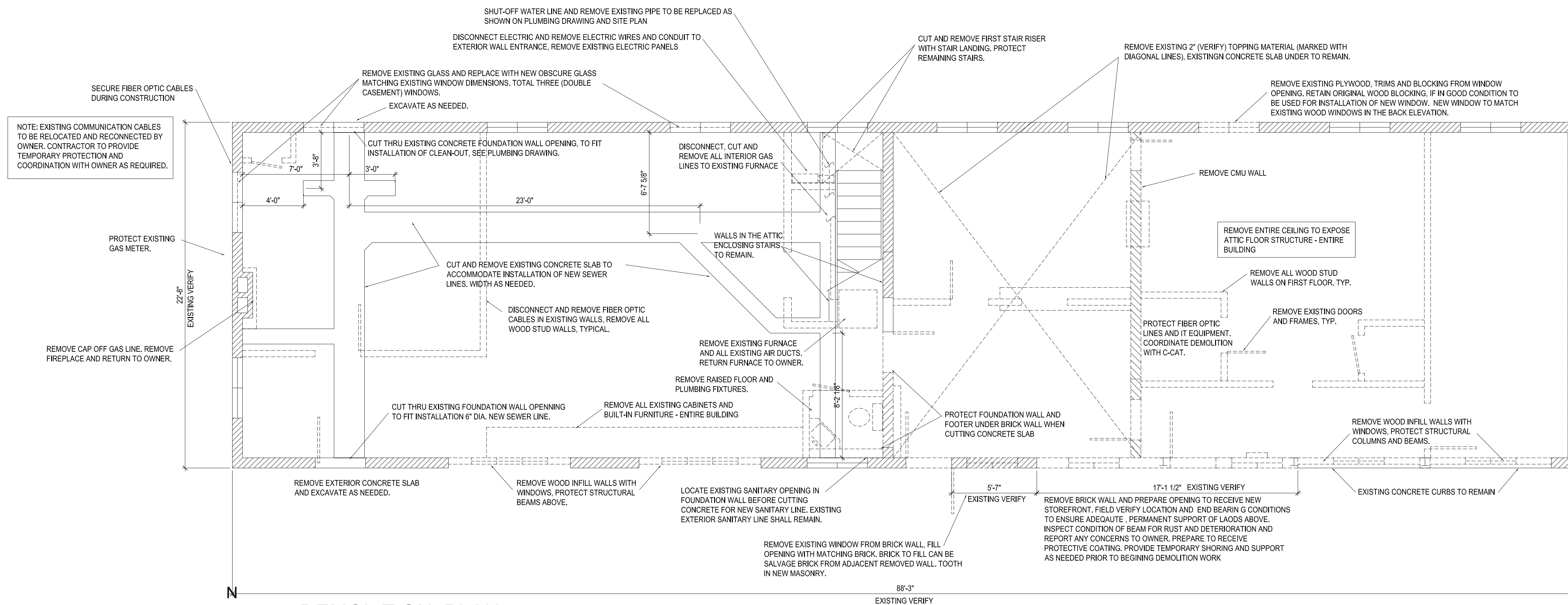
EXISTING IPSC (INTEGRATED PUBLIC SAFETY COMMISSION) EQUIPMENT, IF ANY REMAINING, TO BE REMOVED BY OWNER.

COORDINATE ALL WORK WITH MEP DRAWINGS AND SPECIFICATIONS.

DEMOLITION / REMOVAL

1. Disconnect and remove all existing electrical wiring, receptacles and electrical panels. Retain attic light fixtures and wiring.
2. Disconnect and remove all communication outlets and remove fiber optic cables in existing walls. The communication panels and fiber optic cables entering the building shall be secure.
3. Disconnect water and sewer lines. Remove plumbing fixtures and pipes.
4. Disconnect gas line and remove all existing pipes.
5. Remove existing furnace and existing HVAC ducts - entire building.
6. Remove all existing interior studs walls, cut anchors flat.
7. Remove all furring and wall panels from exterior brick walls. Protect wood blocking around garage door openings at South wall. Protect masonry bearing walls and ensure adequate ceiling / attic floor bearing prior to beginning demolition work.
8. Remove interior concrete block wall entirely.
9. Remove parts of interior brick wall as shown on demolition plan, protect foundation wall under.
10. Cut concrete slab for new water and sewer connections for Public Restrooms 102 and 104, Office Restroom 109 and Kitchenette 107.
11. Cut penetrations through foundation wall for sewer line and for clean-out line. See plumbing drawing.
12. Remove all doors and frames.
13. Remove entire ceiling and furring to expose attic floor joists - entire structure.
14. Remove glass from three windows, see demolition plan.
15. Remove plywood and wood blocking from window opening at North wall. See demolition plan.

NOTE: ASBESTOS INSPECTION COMPLETED BY OWNER ON APRIL 2021.



LEGEND

	EXISTING BRICK WALL TO REMAIN
	EXISTING BRICK WALL TO BE REMOVED
	EXISTING CMU WALL TO BE REMOVED
	EXISTING STUD WALLS TO BE REMOVED
	EXISTING DOOR TO BE REMOVED
	EXISTING WINDOW TO REMAIN
	REMOVE GLAZING FROM EXISTING WINDOW
	CUT IN EXISTING CONCRETE SLAB FOR NEW SEWER LINES



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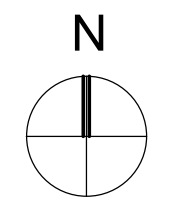
INDIANA DUNES STATE PARK
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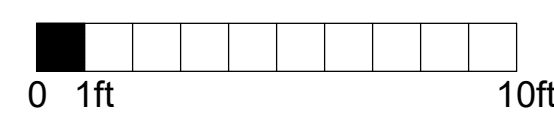
STATE OF INDIANA
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Revisions:

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Drawing Number:	D-1
Sheet:	4 of 17



PLAN NORTH

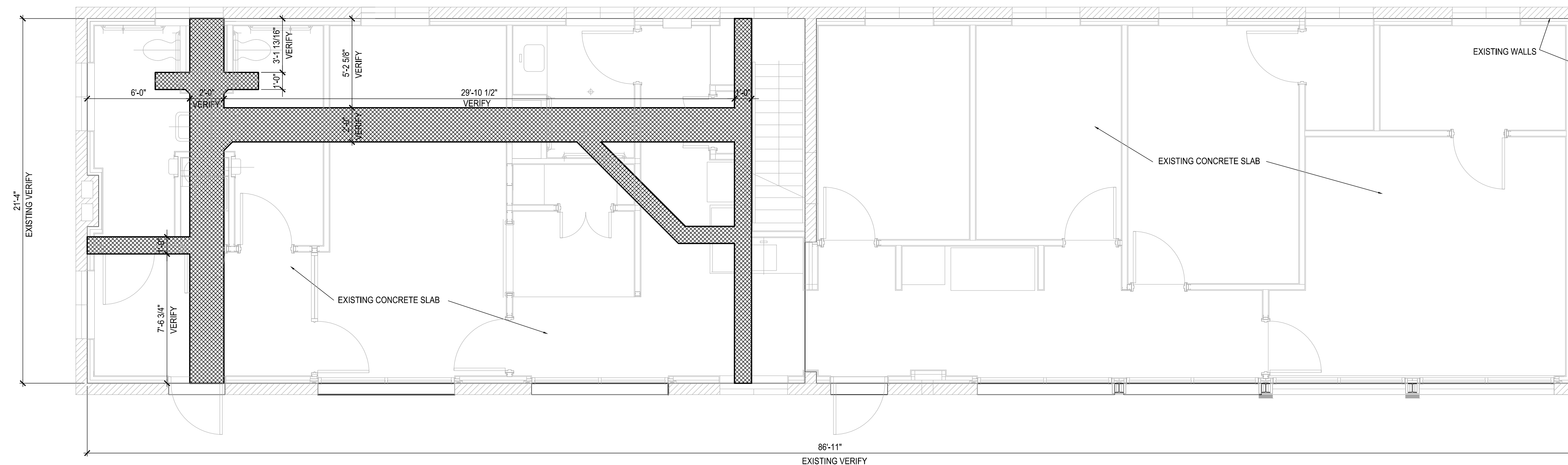


GENERAL NOTE:
FOR CLARITY THE FUTURE WALLS ARE SHOWN IN
THE BACKGROUND ON BOTH PLANS 1/S-1 AND
2/S-1.

FILL SOLID WITH CRUSH STONE (COMPACTED)
AROUND SANITARY LINE.

EXISTING SLAB PLAN

1/4" = 1'-0" 1
S-1



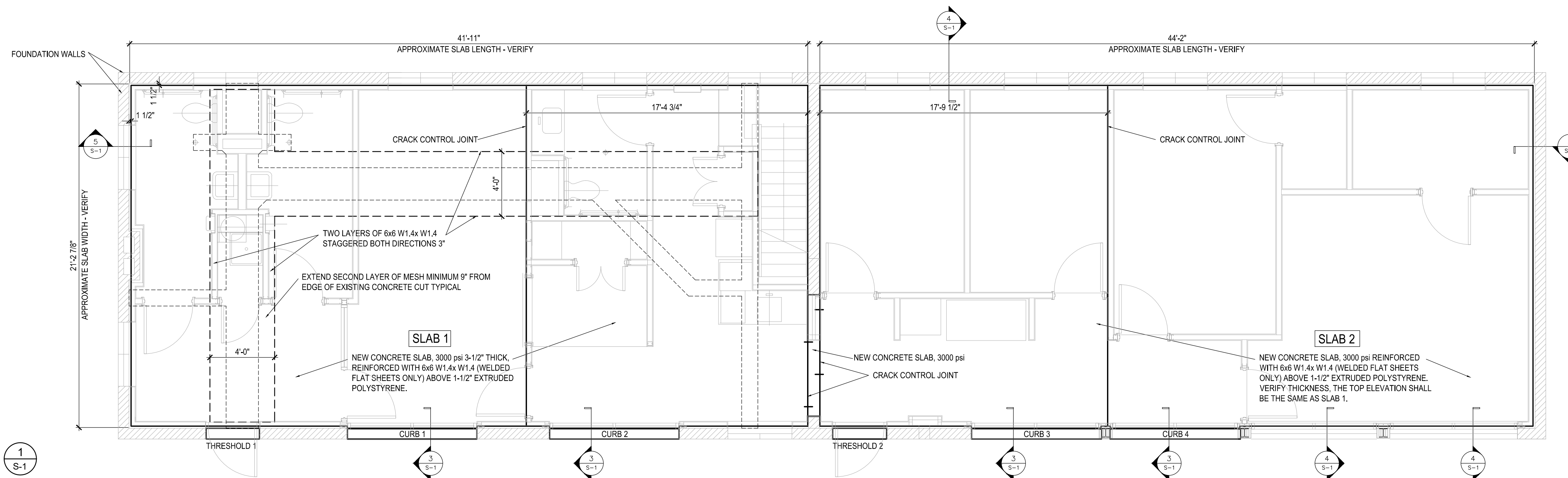
GENERAL NOTES:

- INSTALL 1-1/2" RIGID INSULATION (25 PSI EXTRUDED POLYSTYRENE) OVER ENTIRE EXISTING SLAB AND STONE INFILL. TAPE ALL RIGID INSULATION JOINTS WITH A TAPE.
- INSTALL ONE LAYER OF MESH 6 x 6 W1.4 x W1.4 (WELDED - FLAT SHEETS ONLY) ABOVE CHAIRS AT ENTIRE FLOOR.
- INSTALL SECOND LAYER OF MESH 6 x 6 W1.4 x W1.4 (WELDED - FLAT SHEETS ONLY) ABOVE CUTS IN EXISTING CONCRETE, STAGGERING SECOND LAYER 3" IN BOTH DIRECTIONS FROM FIRST LAYER.
- POUR THRESHOLDS AND NEW CURBS WITH EXTERIOR CONCRETE MIX (6500 PSI), EPOXY TO EXISTING SLAB WITH #4 4" LONG REINFORCEMENT, TWO PER EACH.

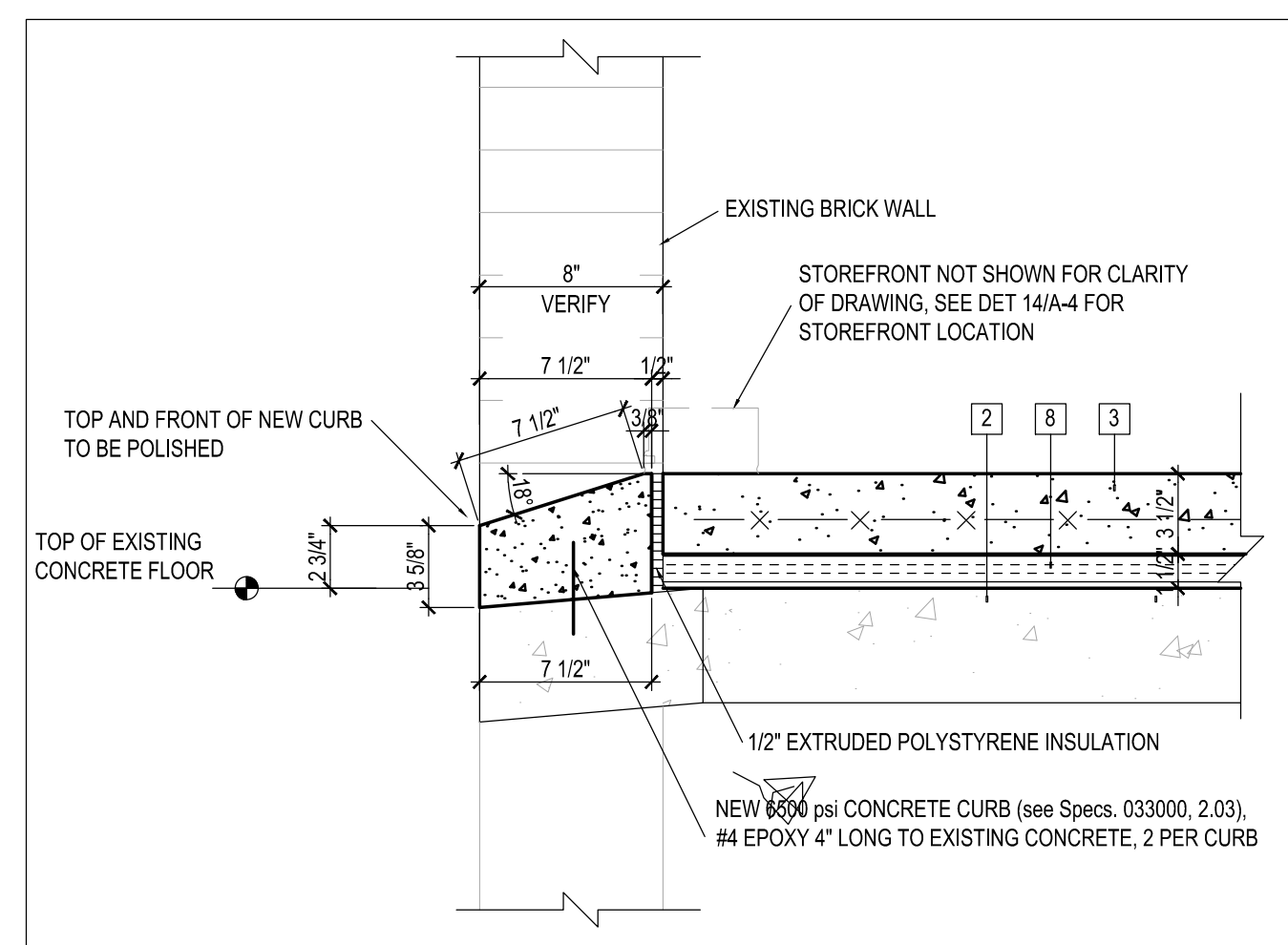
NEW CONCRETE SLAB, 3000 PSI 3-1/2" THICK,
REINFORCED WITH 6x6 W1.4x W1.4

NEW CONCRETE SLAB PLAN

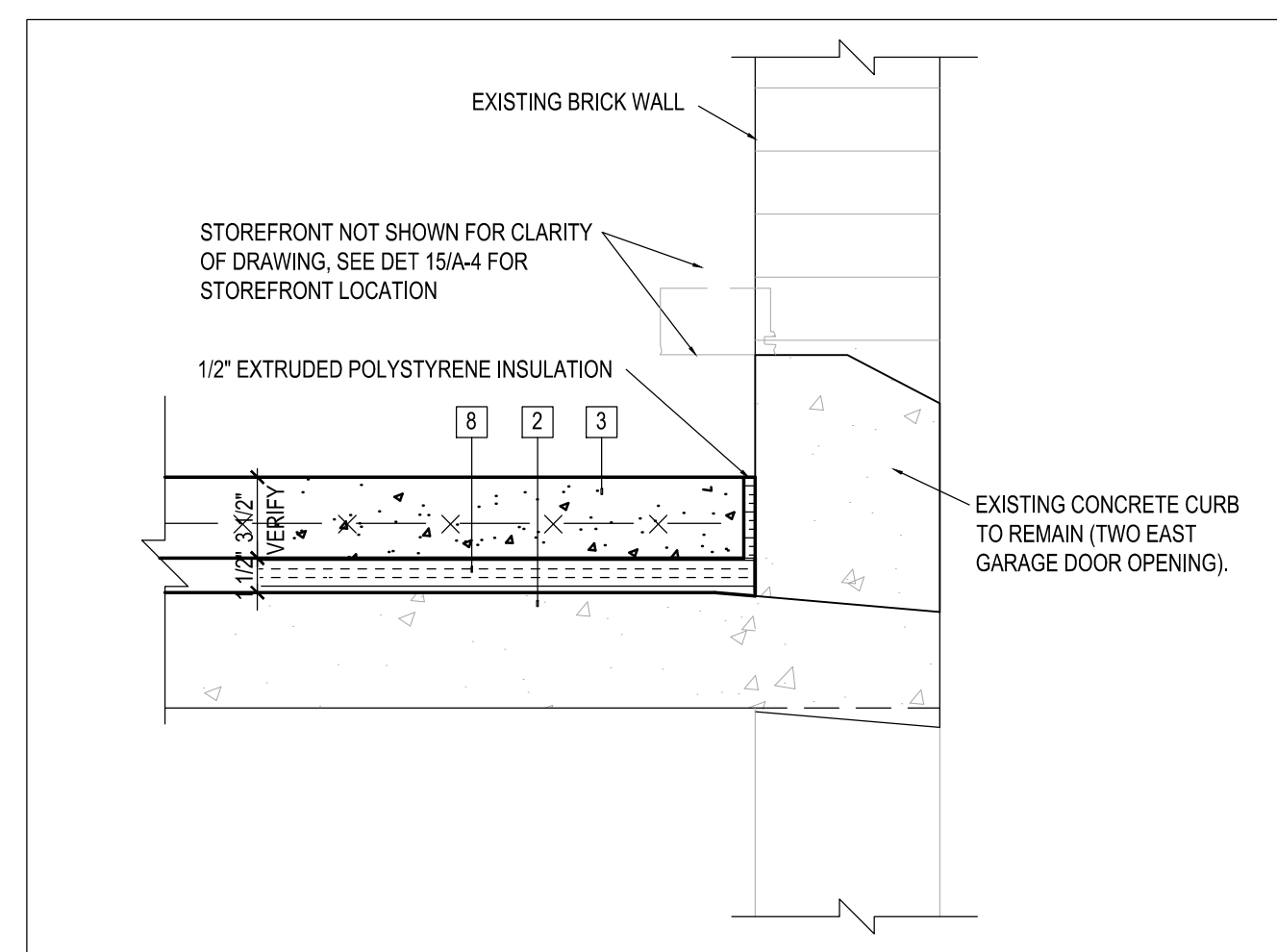
1/4" = 1'-0" 1
S-1



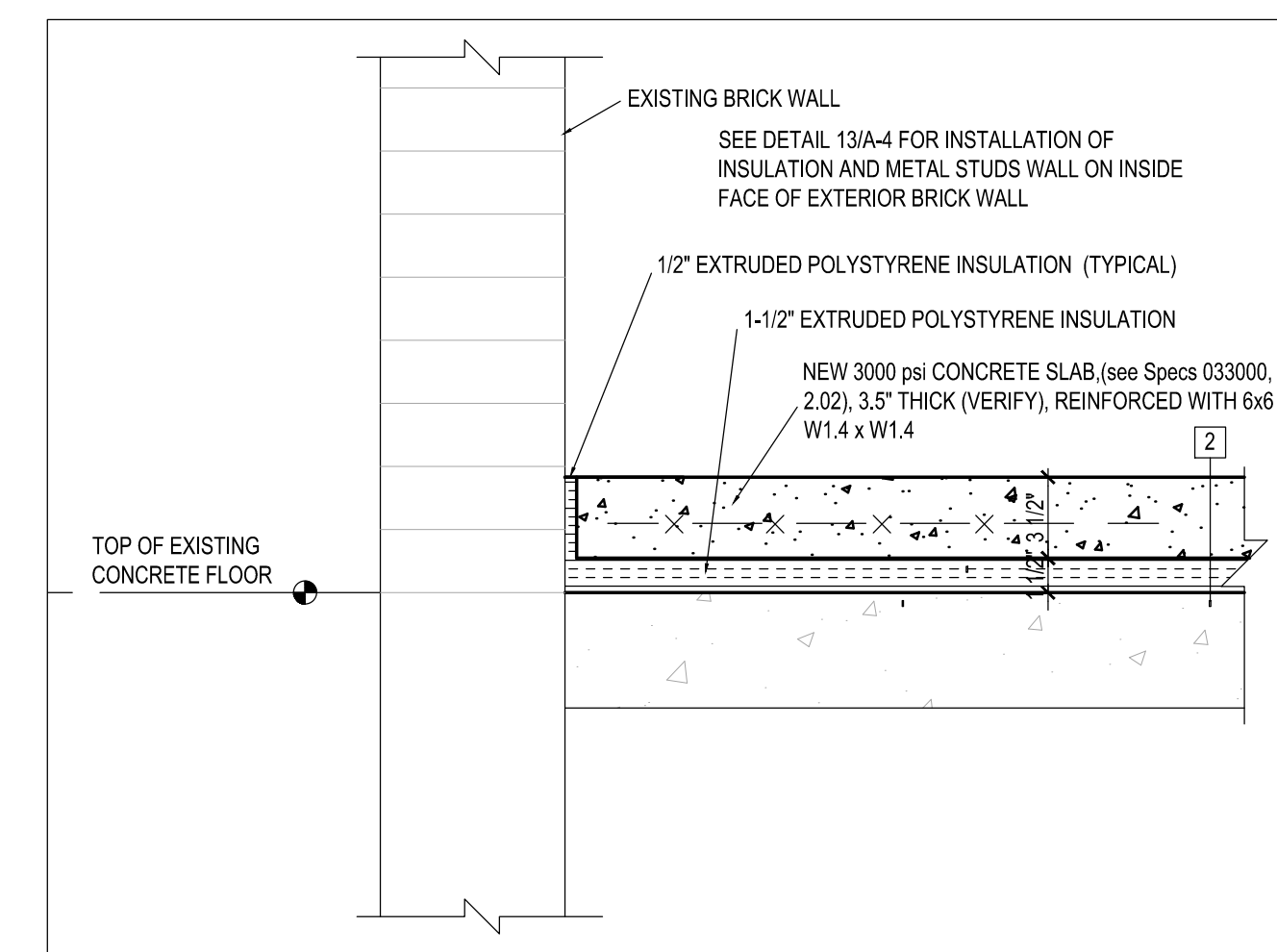
NOTE:
REFERENCE SHEET A-4 FOR MATERIAL SYMBOLS
LEGEND.



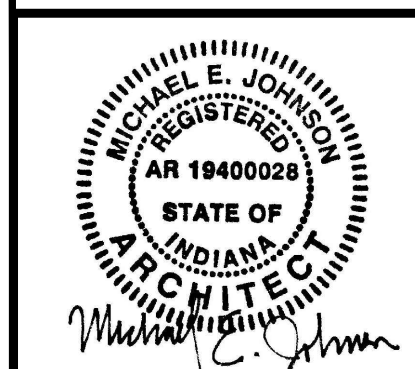
DETAIL 3
S-1
1-1/2" = 1'-0"



DETAIL 4
S-1
1-1/2" = 1'-0"



DETAIL 5
S-1
1-1/2" = 1'-0"



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005 - 116

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S-1

Sheet: 5 of 17



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 Drafter:
 B.D. AS NOTED

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005 - 116

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A-1

Sheet 6 of 17

FINISH SCHEDULE

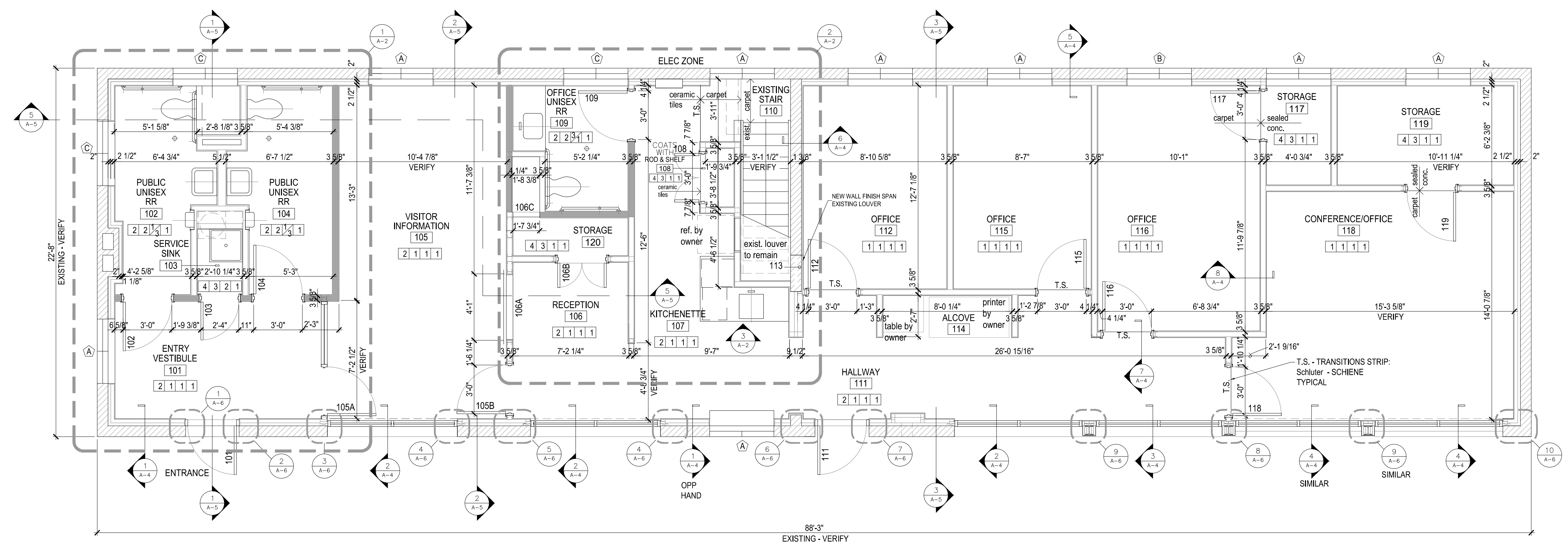
FLOOR	BASE		WALL		CEILING
	1	1	1	1	1
1. CARPET	1. 3-1/2" WOOD STAINED		1. GYP. BD. PAINT		1. 5/8" GYP. BD. PAINT
2. CERAMIC TILES	2. 6" CERAMIC TILE BASE		2. GLASSBOARD		
3. EXISTING	3. NO BASE		3. CERAMIC TILES		
4. SEALED CONCRETE					

NOTES:

- INSTALL CEMENT BOARD ONLY ON WET WALLS IN RESTROOM AND WALL NEXT TO KITCHENETTE SINK.
- STAINED WOOD BASE 1x4 SHALL MATCH WOOD DOORS, ACCEPTABLE WOOD SPECIES OAK.
- CERAMIC TILE BASE ONLY IN RESTROOMS.

LEGEND

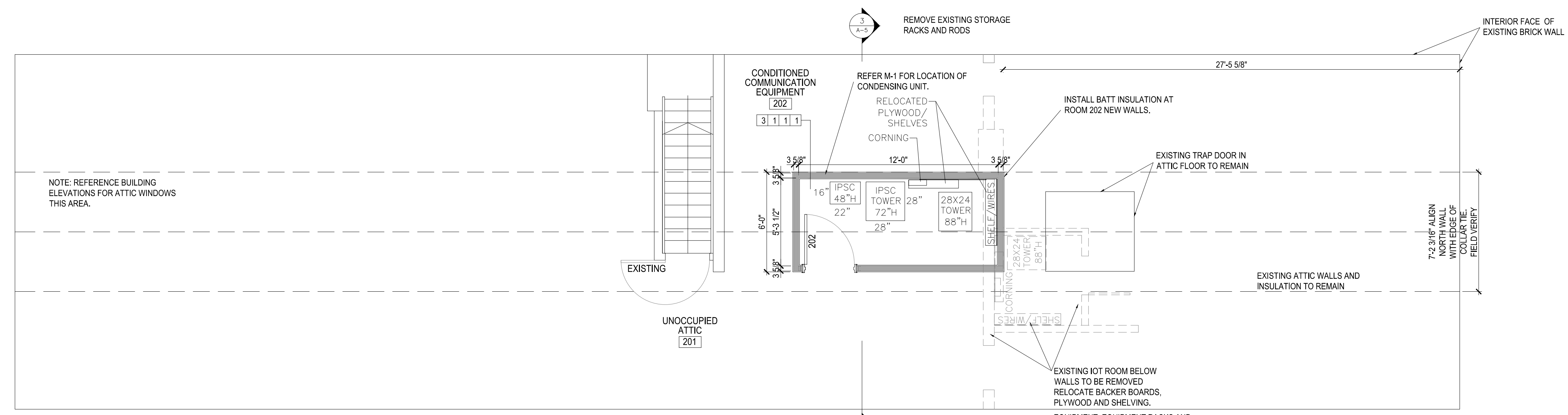
- EXISTING BRICK MASONRY WALL TO REMAIN
- NEW 22 GAGE STEEL STUD WALL:
 - ALL INTERIOR NEW WALLS TO BE 3-5/8" AT 16" C.C. WITH 5/8" TYPE 'X' GYPSUM BOARD BOTH SIDES.
 - ALL NEW WALLS AT EXTERIOR PERIMETER TO BE 2-1/2" AT 16" C.C. WITH 5/8" TYPE 'X' GYPSUM BOARD AT INTERIOR SIDE ONLY, LOCATED 2" (VERIFY FRONT ELEVATION) FROM EXISTING BRICK WALL.
- NEW WALL (SEE ABOVE) WITH BATT INSULATION
- NEW STOREFRONT
- NEW DOOR
- EXISTING WINDOW TO REMAIN
- NEW WINDOW
- INSTALL NEW OBSCURED GLASS IN EXISTING WINDOW



FLOOR PLAN

1/4" = 1'-0"
 A-1

NOTE:
 EXTERIOR SITE IMPROVEMENTS FOR ADA ACCESS TO BE COMPLETED UNDER SEPARATE CONTRACT OR BY CHANGE ORDER TO THIS CONTRACT AS DETERMINED BY OWNER.



ATTIC PLAN

2/4" = 1'-0"
 A-1

EQUIPMENT, EQUIPMENT RACKS AND FIBER OPTIC LINES TO BE PROTECTED AND RELOCATED UNDER SEPARATE CONTRACT. COORDINATE AS REQUIRED WITH OWNER'S QPA VENDOR.



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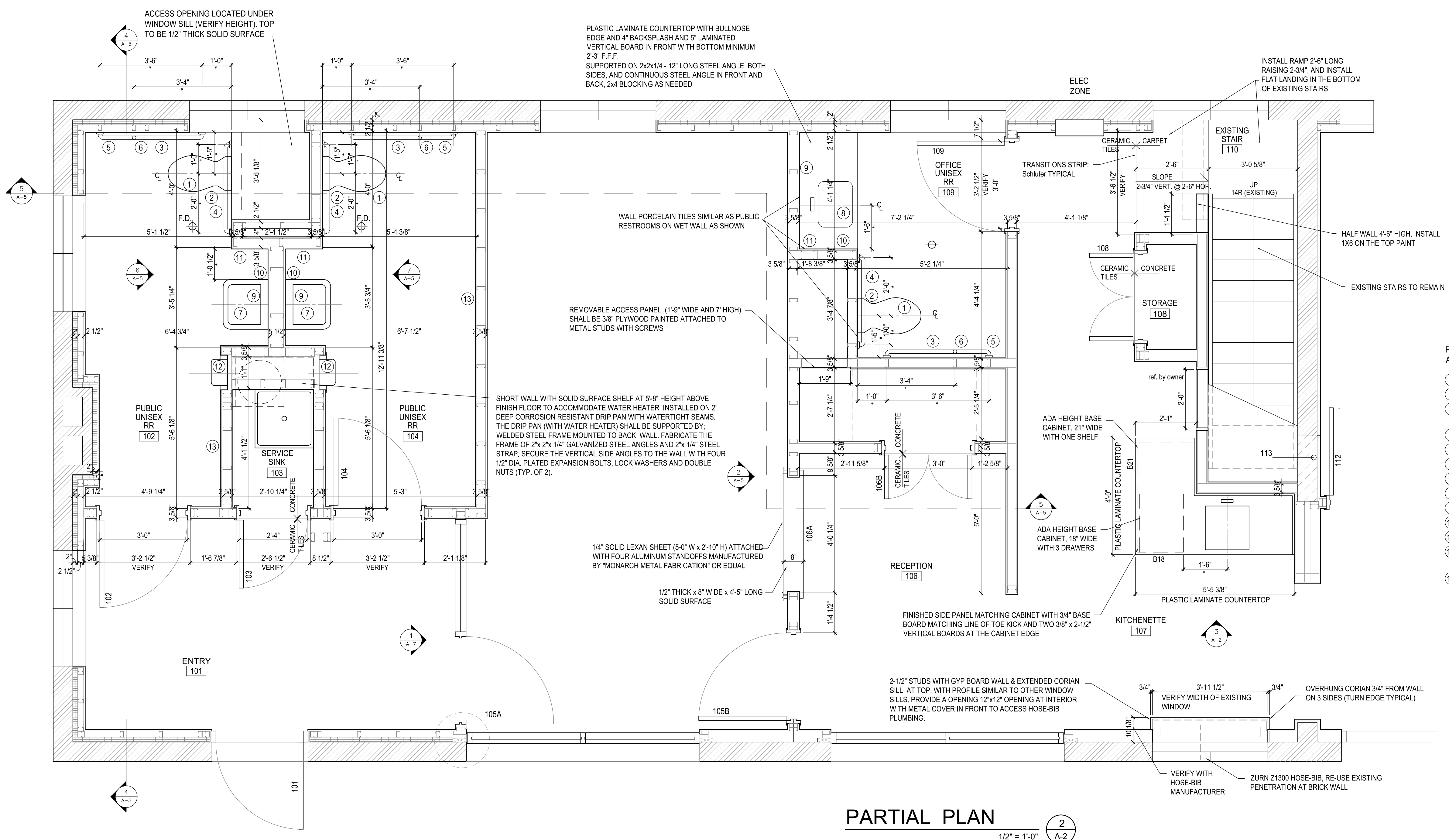
DNR Approval:

Client Approval:

File Number:
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Drawing Number:
A-2

Sheet: 7 of 14



PARTIAL PLAN
 1/2" = 1'-0" (1 A-2)

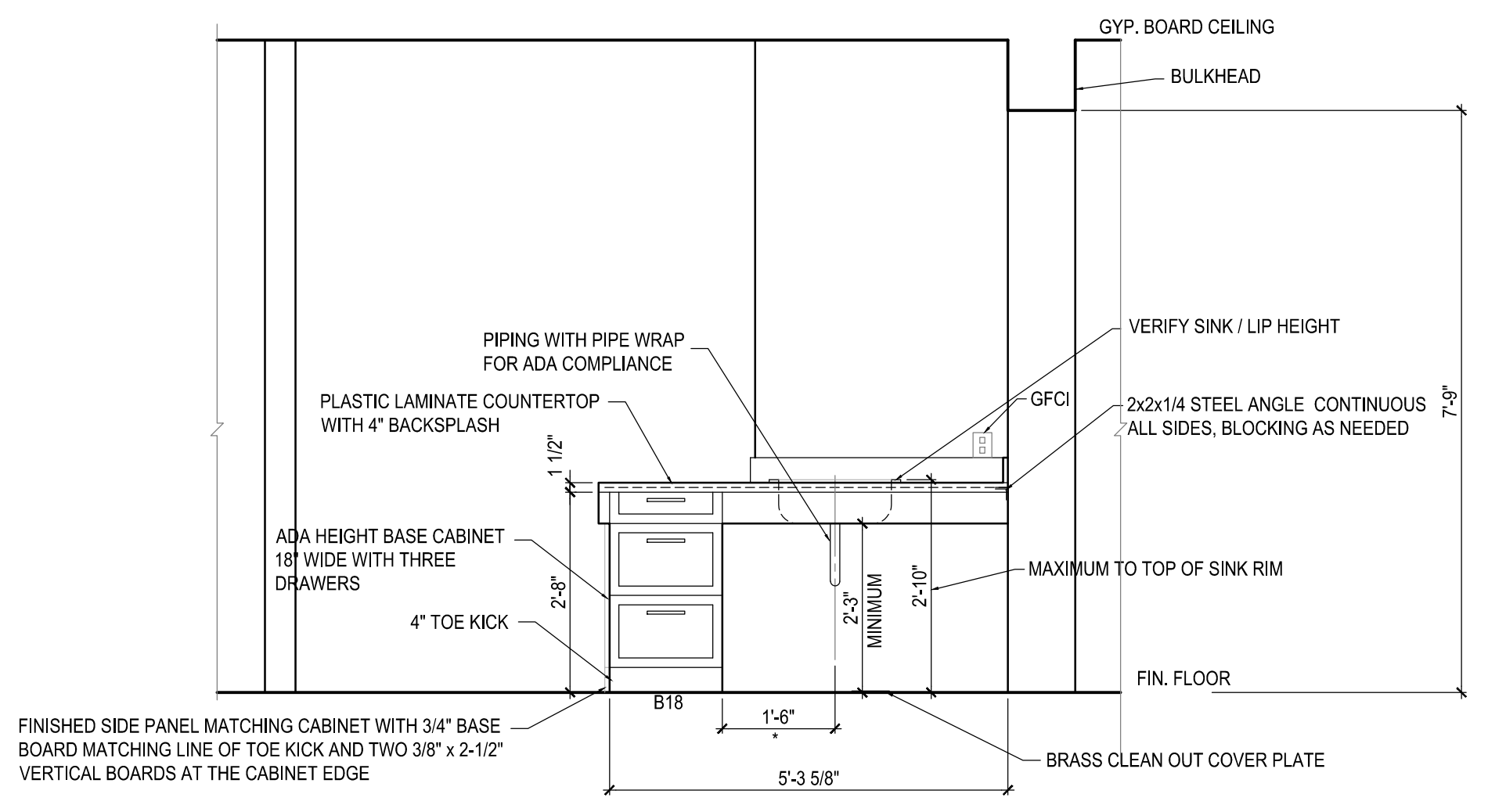
KITCHENETTE CABINETS SPECIFICATION:

GENERAL:
 The base cabinets shall meet ADA height requirements (height shall be 32") with a standard 4" high toe kick space.

1.1 Shop Drawings: Include plans, elevations, details and attachments to other work. Show materials and finishes.
 1.2 Samples for Factory Painted finish cabinets.
 1.3 Cabinets shall comply with KCMA A161.1, Standards.

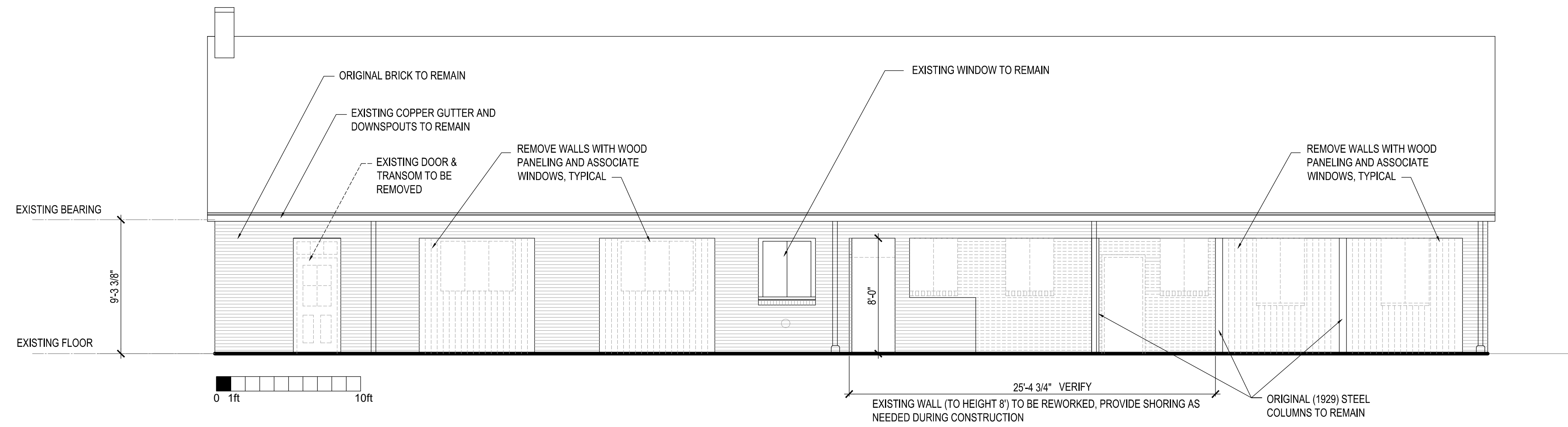
PRODUCTS:
 2.1. Base Cabinets shall be White Shaker Kitchen Cabinets with following:
 2.2. Solid Hardwood Face Frames.
 2.3. Cabinet boxes to be 1/2" plywood.
 2.4. Cabinet box and shelves to be painted to match.
 2.5. Shelves to be 3/4" plywood.
 2.6. No Particle Board is allow to be used in the construction.
 2.7. Doors and Drawers shall be high grade MDF.
 2.8. Natural Maple Dovetailed Drawer Boxes.
 2.9. European Concealed Hinges.
 2.10. Full Extension Under Mount Soft Close Glides.
 2.11. Soft Close Hinges.
 2.12. Full Overlay Doors.
 2.13. Wood Species: Solid Maple / Birch.
 2.14. Hardware Pulls: Schwinn Brushed Stainless Steel, 7-9/16" center to center Bar Cabinet Pull.

PARTIAL PLAN
 1/2" = 1'-0" (2 A-2)

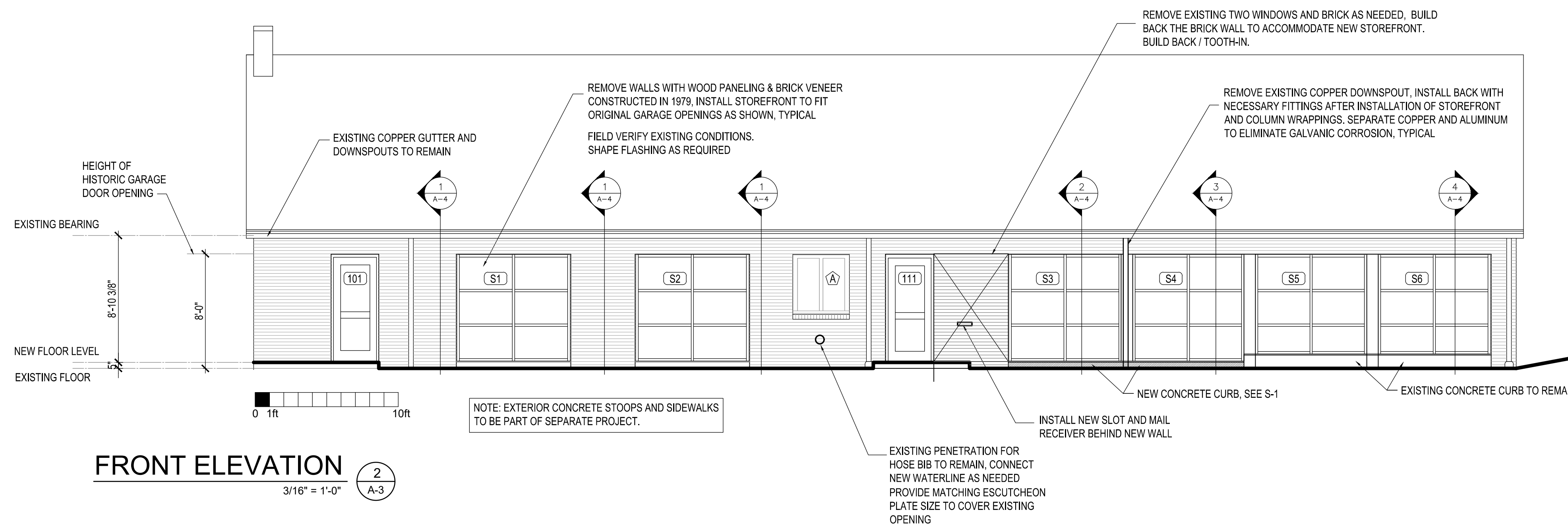


ELEVATION
 1/2" = 1'-0" (3 A-2)

- PROVIDE PRODUCTS AND MOUNTING THAT COMPLY WITH ADA STANDARDS. AS MANUFACTURED BY BOBRICK, OR EQUAL.
- ① WATER CLOSET: SEAT TOP MOUNTED AT 18" A.F.F.
 - ② LOCATION OF WATER CLOSET FLUSH CONTROLS
 - ③ TOILET TISSUE HOLDER B-265: BOTTOM MOUNTED AT 22" A.F.F. - CENTER LINE LOCATED 8" IN FRONT OF WATER CLOSET.
 - ④ GRAB BAR: 36" LONG, MOUNT TOP AT 2-11 1/2" A.F.F.
 - ⑤ GRAB BAR: 42" LONG, MOUNT TOP AT 2-11 1/2" A.F.F.
 - ⑥ VERTICAL GRAB BAR: 18" LONG, MOUNT BTM AT 40" A.F.F.
 - ⑦ SINK, MOUNT AT 2-9 1/2" A.F.F., SINK RIM MAX. 2'-10" F.F.F.
 - ⑧ TOP OF COUNTERTOP AT 2-9 1/2", LAVATORY RIM MAX. AT 2'-10" A.F.F.
 - ⑨ MIRROR: REFLECTING SURFACE MOUNTED AT 40" MAX. A.F.F.
 - ⑩ SOAP DISPENSER: B-262
 - ⑪ GFCI RECEPTACLE, CENTER LINE LOCATED AT 42" A.F.F.
 - ⑫ ELECTRIC HAND DRYER, XLERATOR MODEL XL-SB (Brushed Stainless Steel) with ADA - COMPLIANT RECESS KIT.
 - ⑬ BABY CHANGING STATION: Koala Kare Products KB200-Gray



EXISTING FRONT ELEVATION / DEMO
 3/16" = 1'-0" 1
A-3



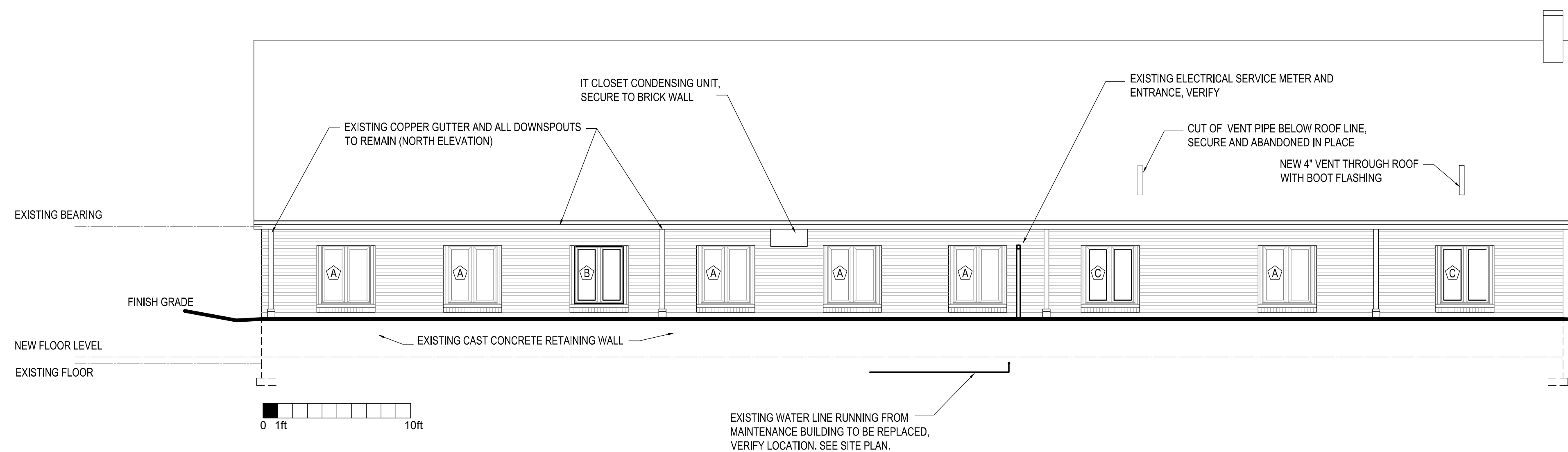
FRONT ELEVATION
 3/16" = 1'-0" 2
A-3

WINDOW LEGEND:

- A EXISTING WINDOW TO REMAIN
- B NEW WINDOW COMPLETE
- C NEW OBSCURE GLASS IN EXISTING WINDOW

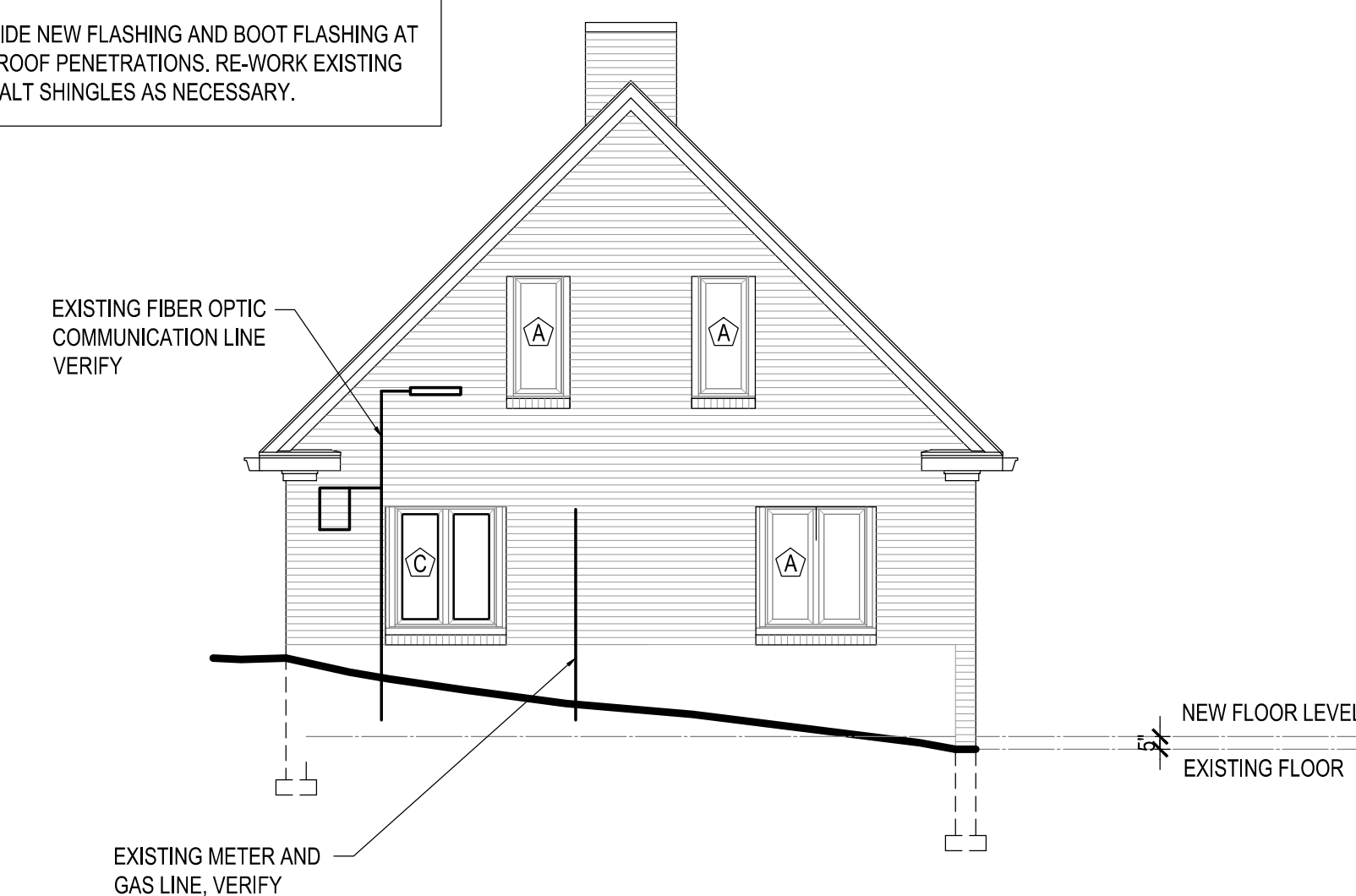
GENERAL NOTES:

1. INSPECT ALL WINDOWS AND REPLACE MISSING OR BROKEN HARDWARE FOR FULLY FUNCTIONAL WINDOW.
2. EACH WINDOW TO HAVE NEW INTERIOR SOLID SURFACE SILL.

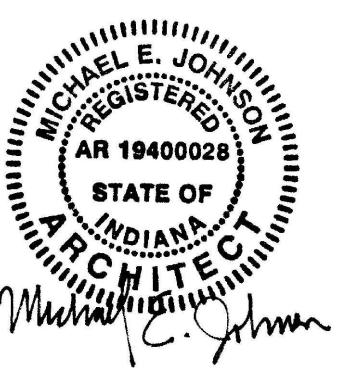


BACK ELEVATION
 3/16" = 1'-0" 3
A-3

GENERAL NOTE:
 PROVIDE NEW FLASHING AND BOOT FLASHING AT NEW ROOF PENETRATIONS. RE-WORK EXISTING ASPHALT SHINGLES AS NECESSARY.



ENTRANCE ELEVATION
 3/16" = 1'-0" 4
A-3



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Revisions:

Project Number:
300DM-64013-01

Requisition Number:

Designer:
 B.D., M.E., J. **05-14-2021**

Drafter:
 B.D. **AS NOTED**

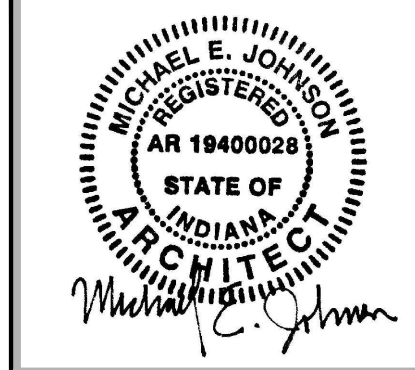
DNR Approval:

Client Approval:

File Number:
005 - 116

Drawing Number:
A-3

Sheet: 8 of 17



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Drawing Scale:
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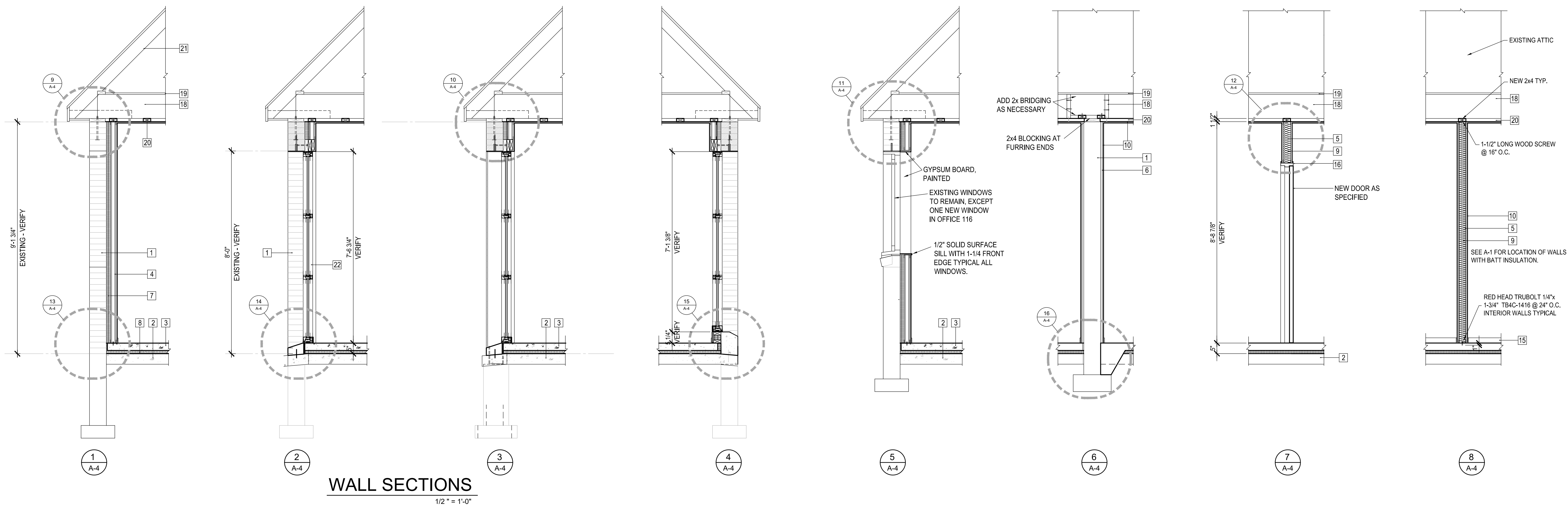
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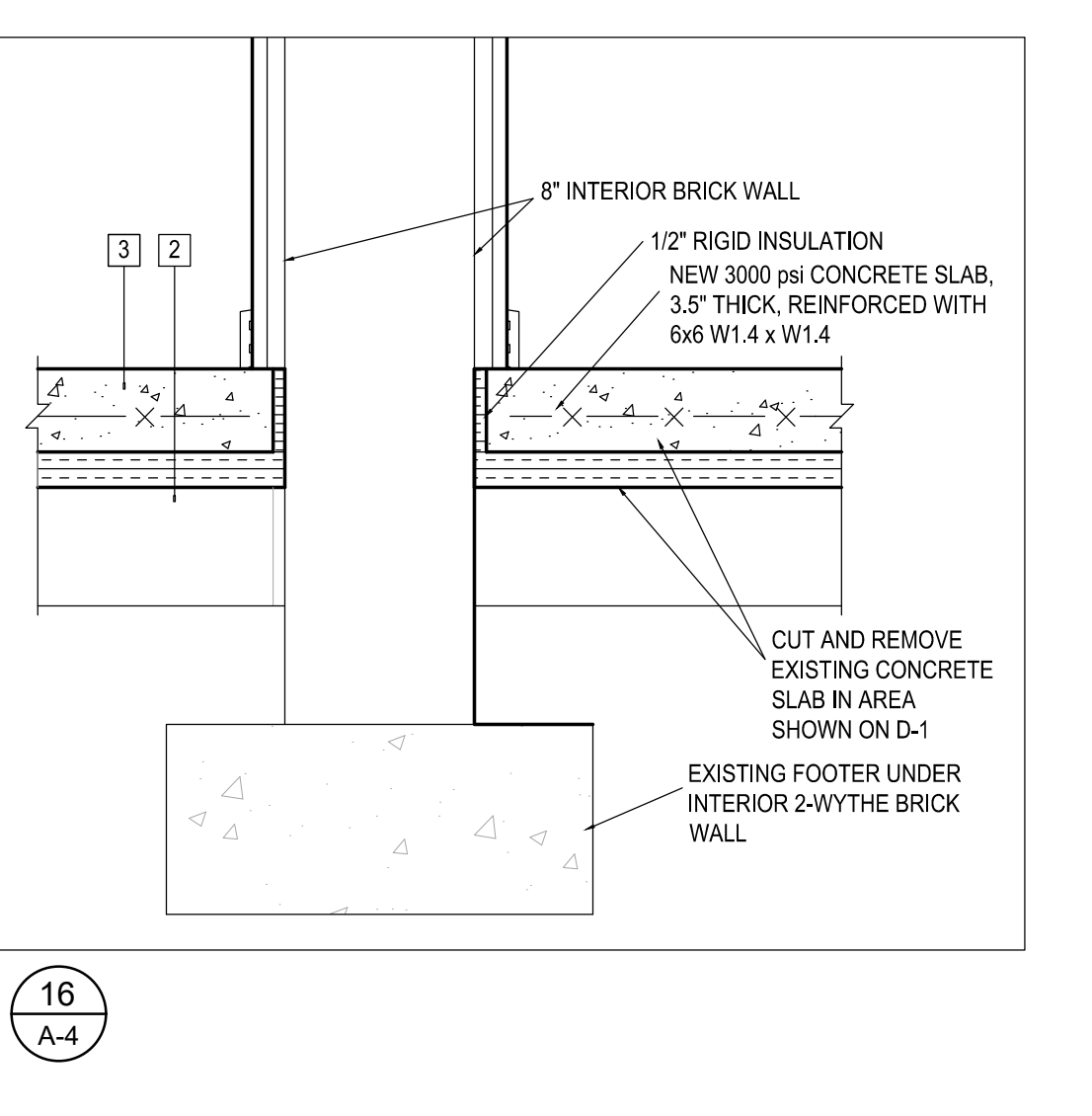
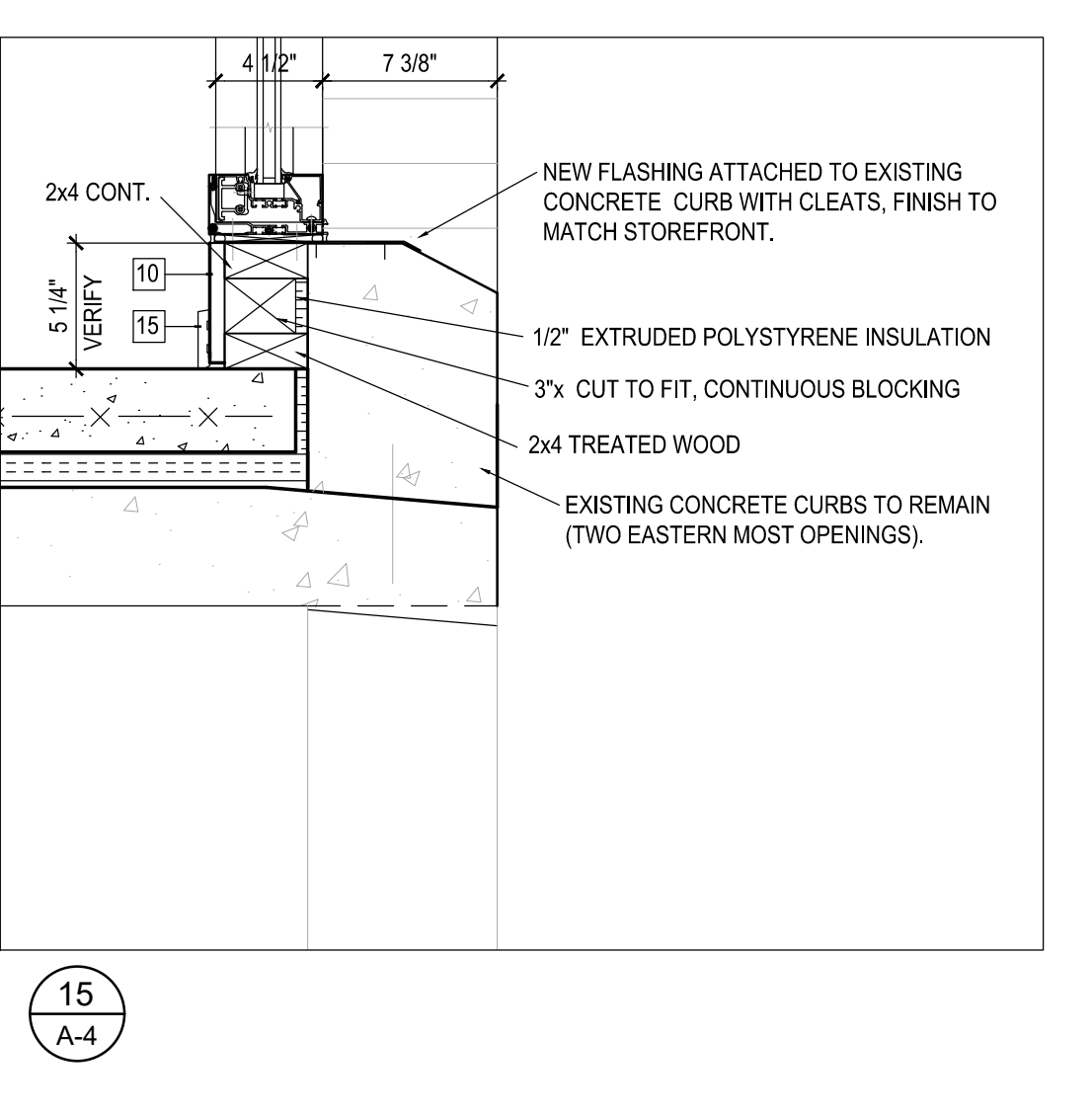
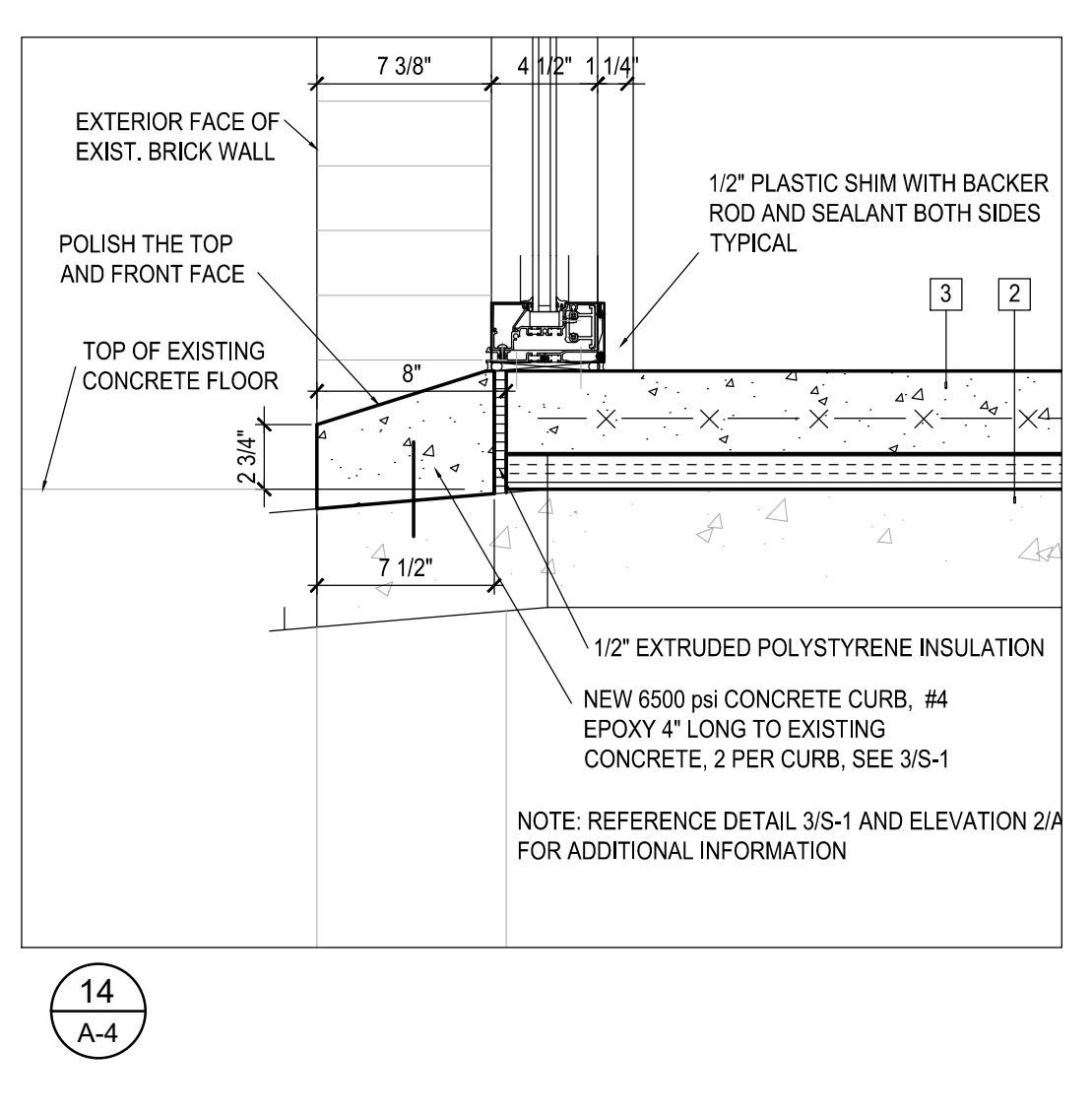
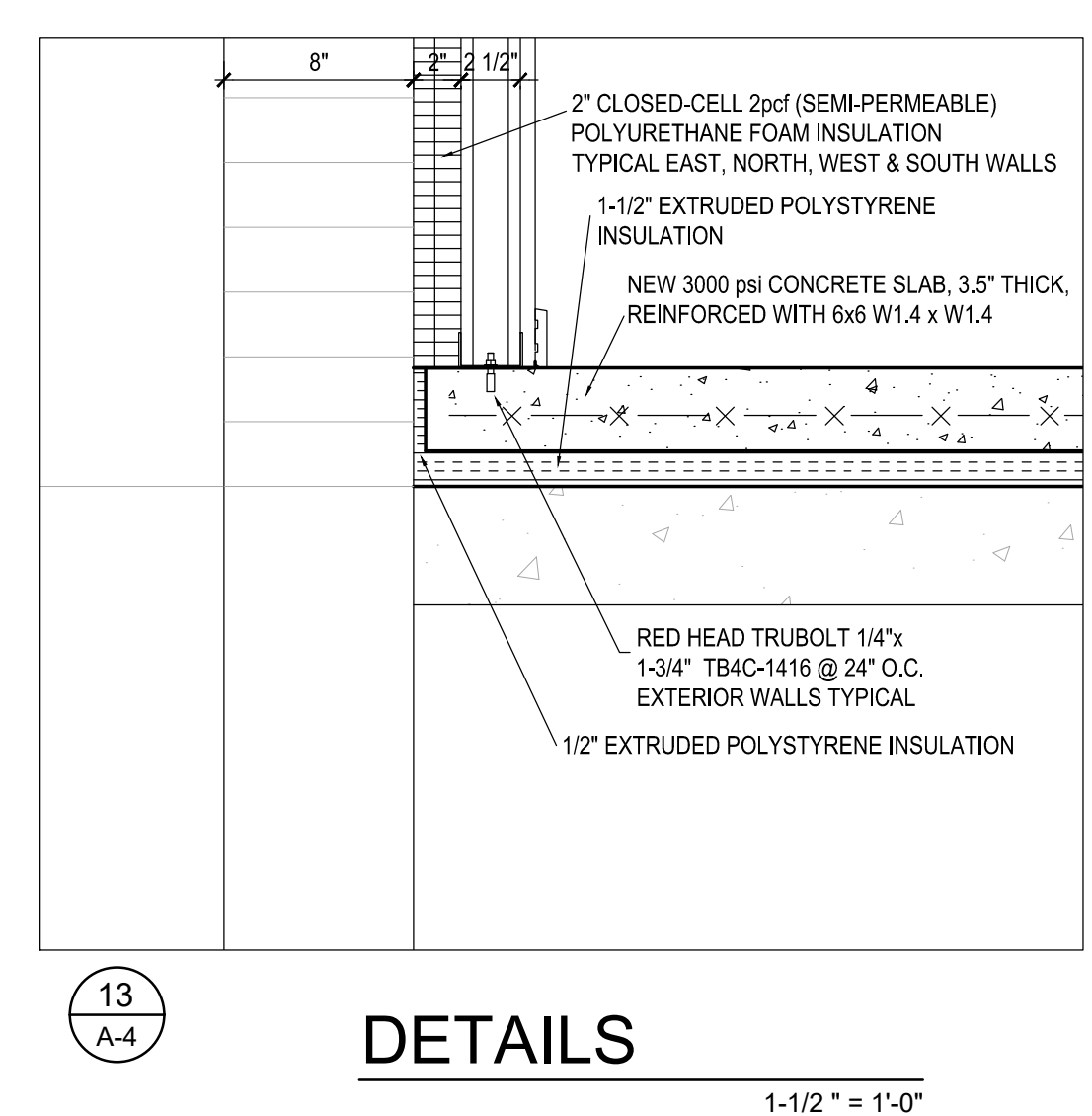
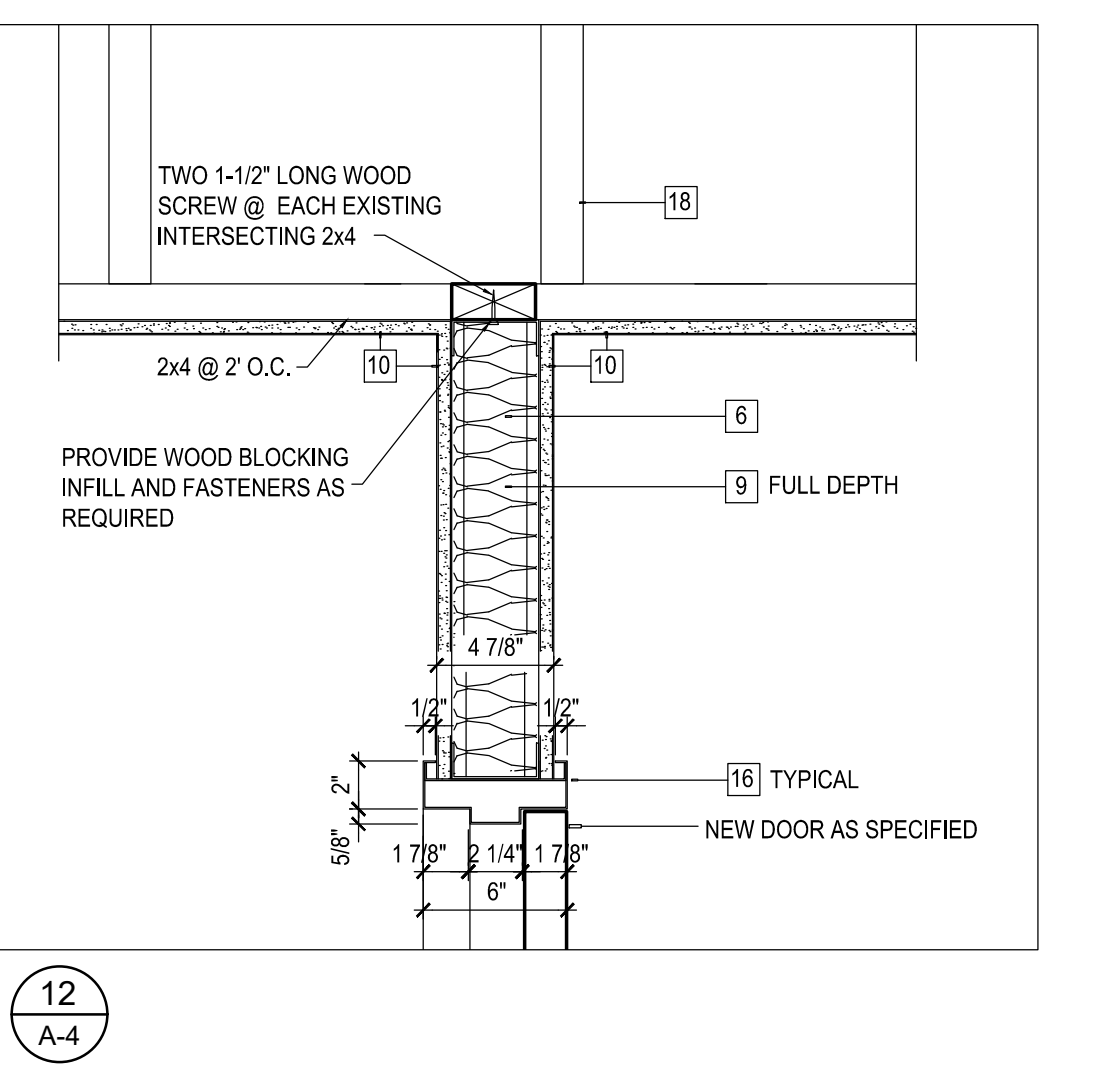
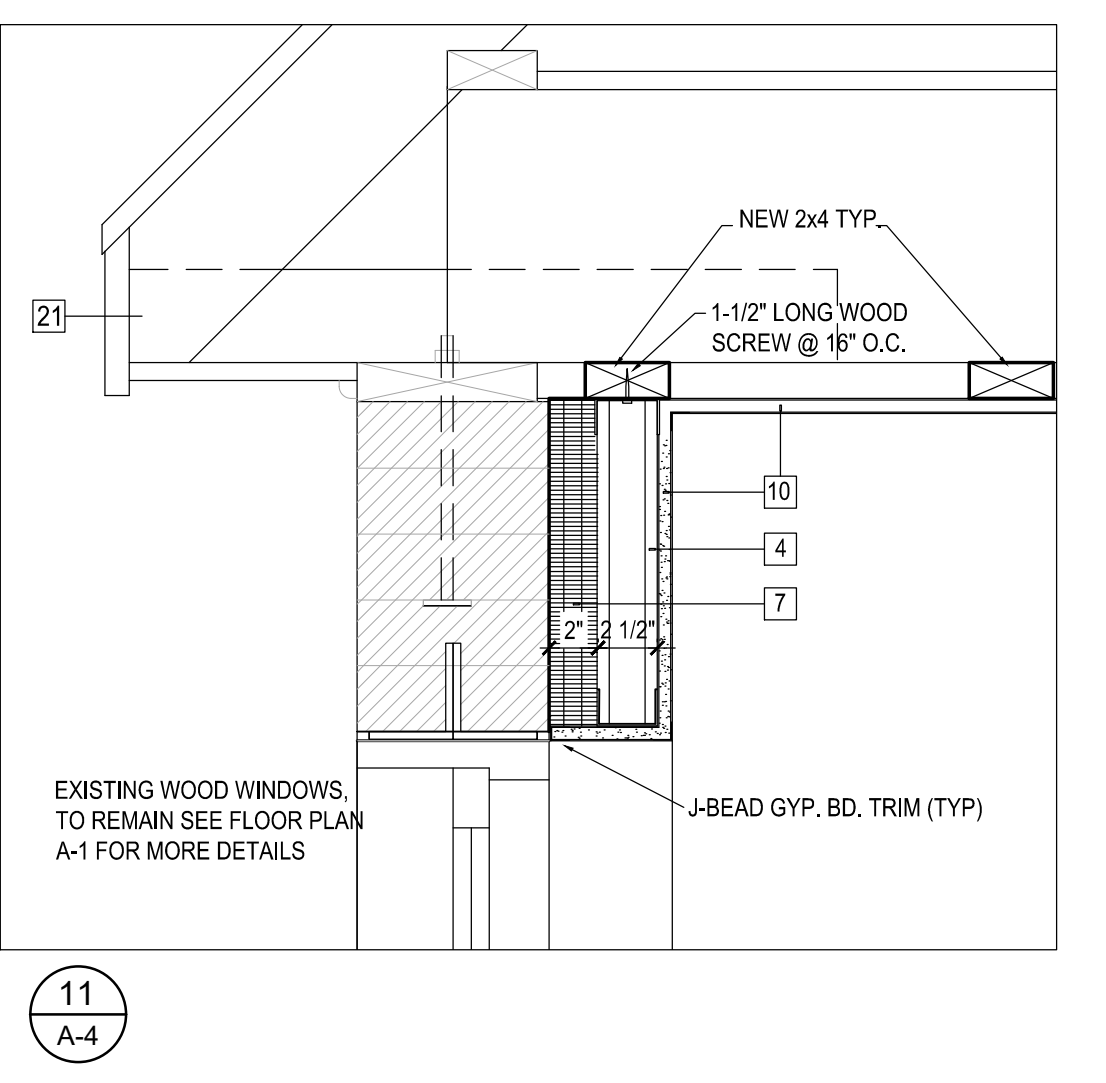
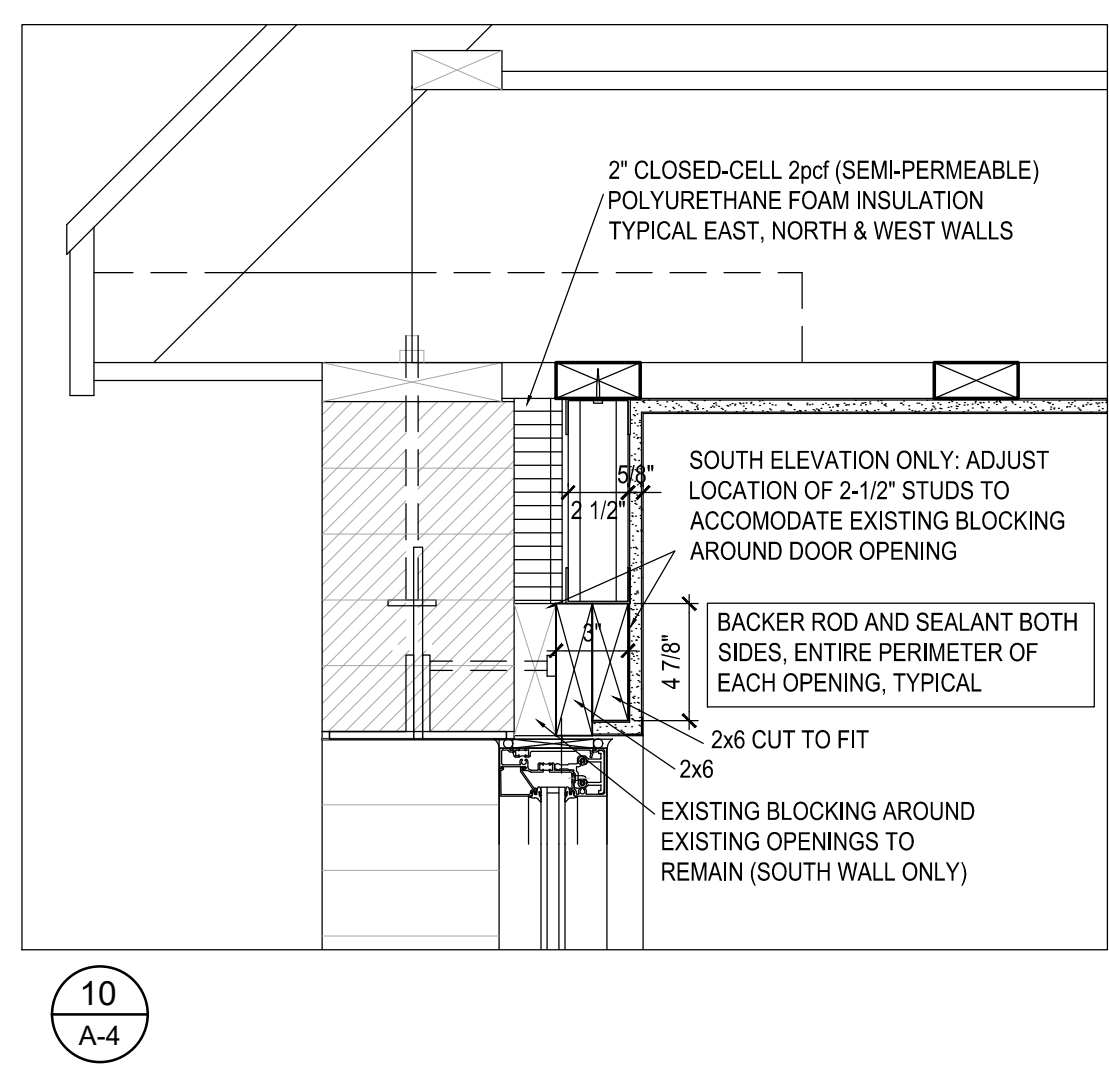
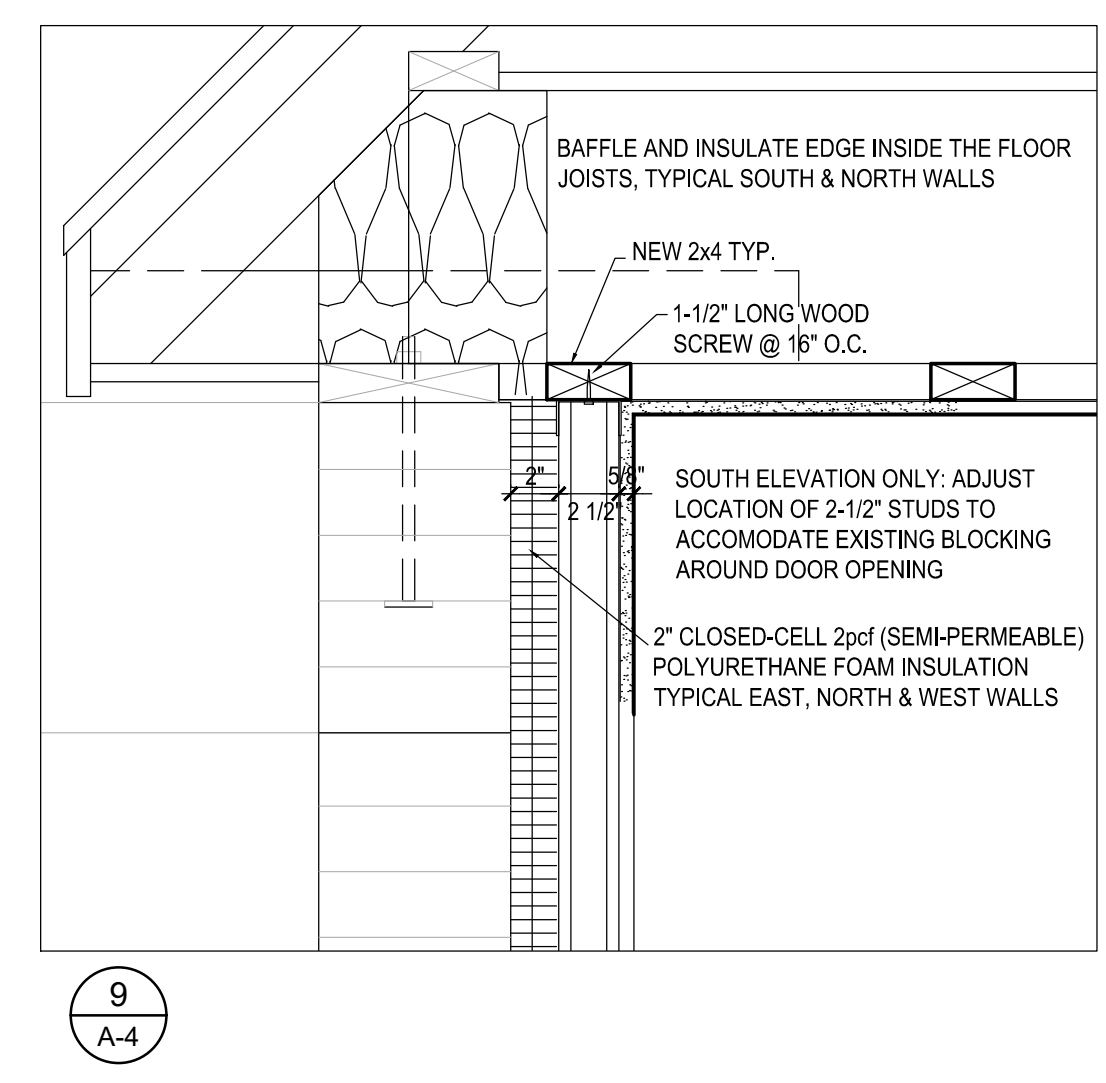
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Sheet: 9 of 17

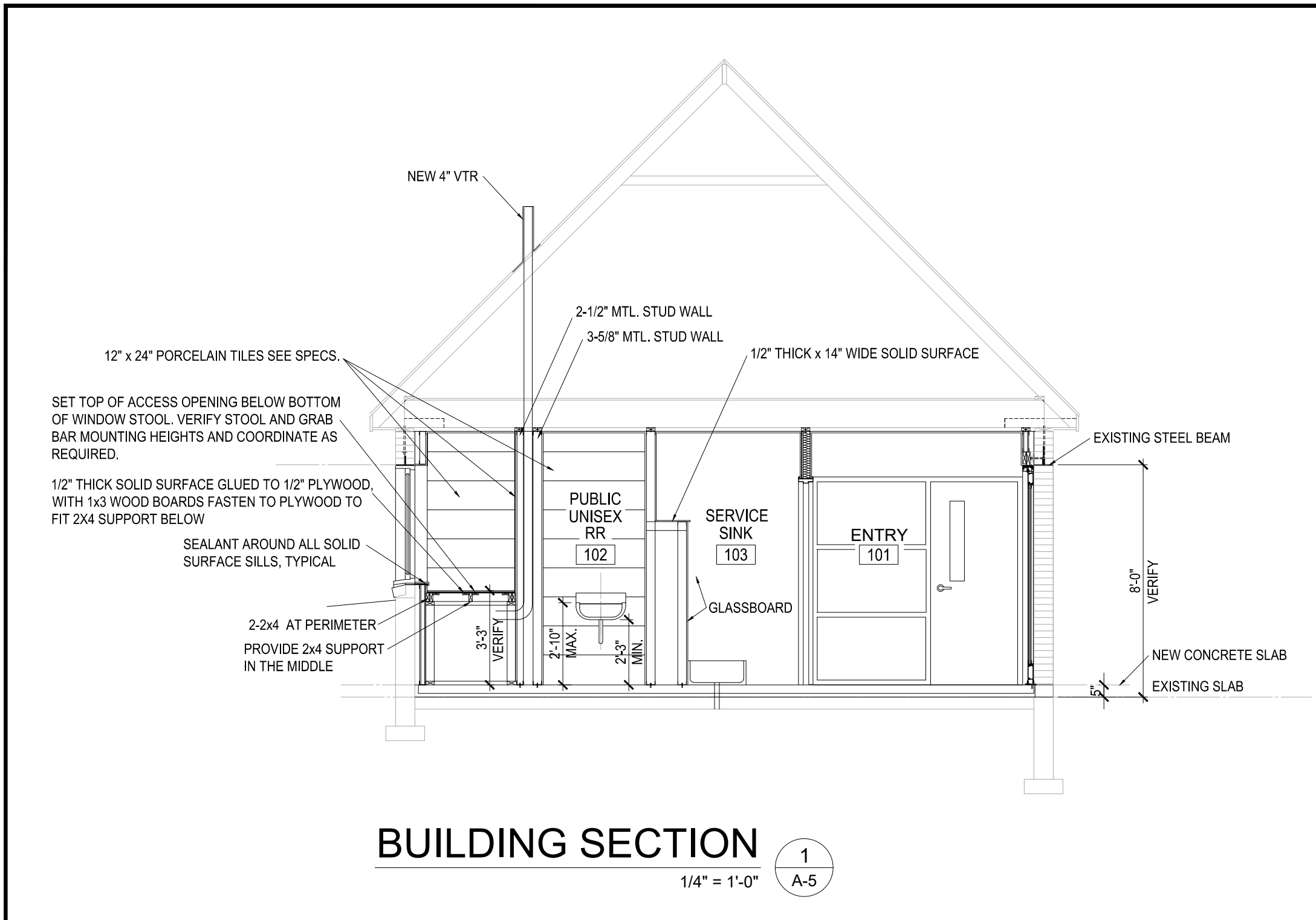


MATERIAL SYMBOLS AND LEGEND

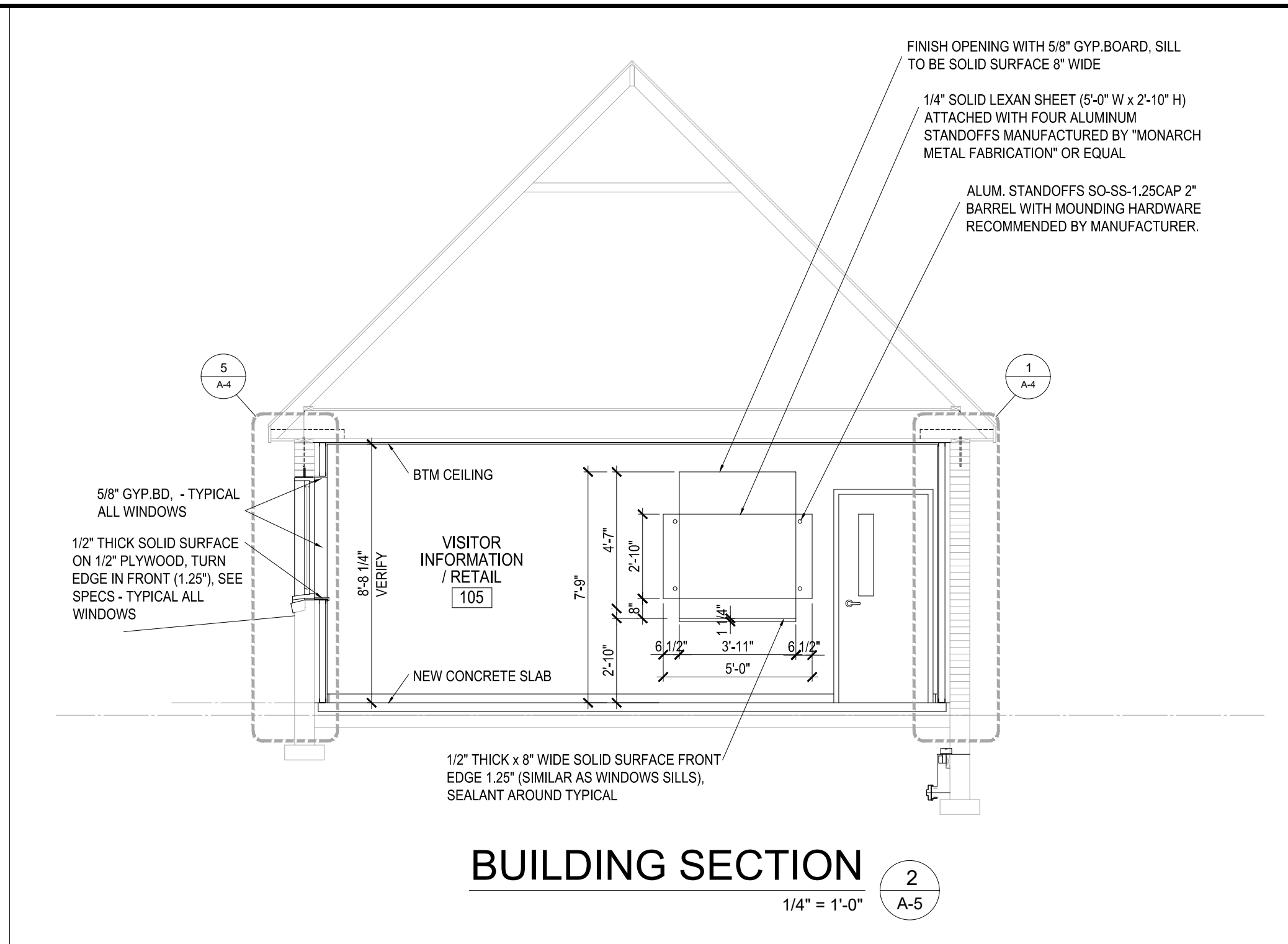
- 1 EXISTING LOAD-BEARING BRICK WALL
- 2 EXISTING CONCRETE SLAB
- 3 NEW CONCRETE SLAB
- 4 NEW STEEL STUD WALLS, 2-1/2" DEPTH SPACED 16" O.C. GAGE 22, LOCATED AT EXTERIOR BRICK WALLS
- 5 NEW STEEL STUD INTERIOR WALLS, 3-5/8" DEPTH SPACED 16" O.C. GAGE 22.
- 6 NEW STEEL FURRING 3/4" x 2-1/2", LOCATED AT INTERIOR BRICK WALL
- 7 2" CLOSED-CELL 2pcf (SEMI-PERMEABLE) POLYURETHANE FOAM INSULATION
- 8 1-1/2" EXTRUDED POLYSTYRENE INSULATION
- 9 BATT INSULATION, FILL BETWEEN 3-5/8" INTERIOR STUD ONLY AS SHOWN ON A-1. DO NOT FILL AT 2-1/2" STUD WALLS AT THE PERIMETER
- 10 5/8" TYPE 'X' GYPSUM BOARD, TAPED FINISHED
- 11 1/2" EXTERIOR PLYWOOD Marine GRADE AB SANDED DOUGLAS FIR (NOT USED)
- 12 1/2" EXTERIOR PLYWOOD GRADE C-C
- 13 EXTERIOR FINISH CARPENTRY, 1x6 WESTERN CEDAR
- 14 ROUGH CARPENTRY, STANDARD SIZES
- 15 3-1/2" STAINED WOOD BASE, MATCHING WOOD DOOR
- 16 HOLLOW METAL DOOR FRAMES
- 17 TYVEK
- 18 EXISTING ATTIC FLOOR JOISTS
- 19 EXISTING ATTIC WOOD FLOOR
- 20 NEW 2x4 FURRING @ 24" c.c. FASTENED TO EXISTING ATTIC FLOOR JOISTS
- 21 EXISTING RAFTERS
- 22 NEW STOREFRONT (Trifab VG 451 T, OR EQUAL)



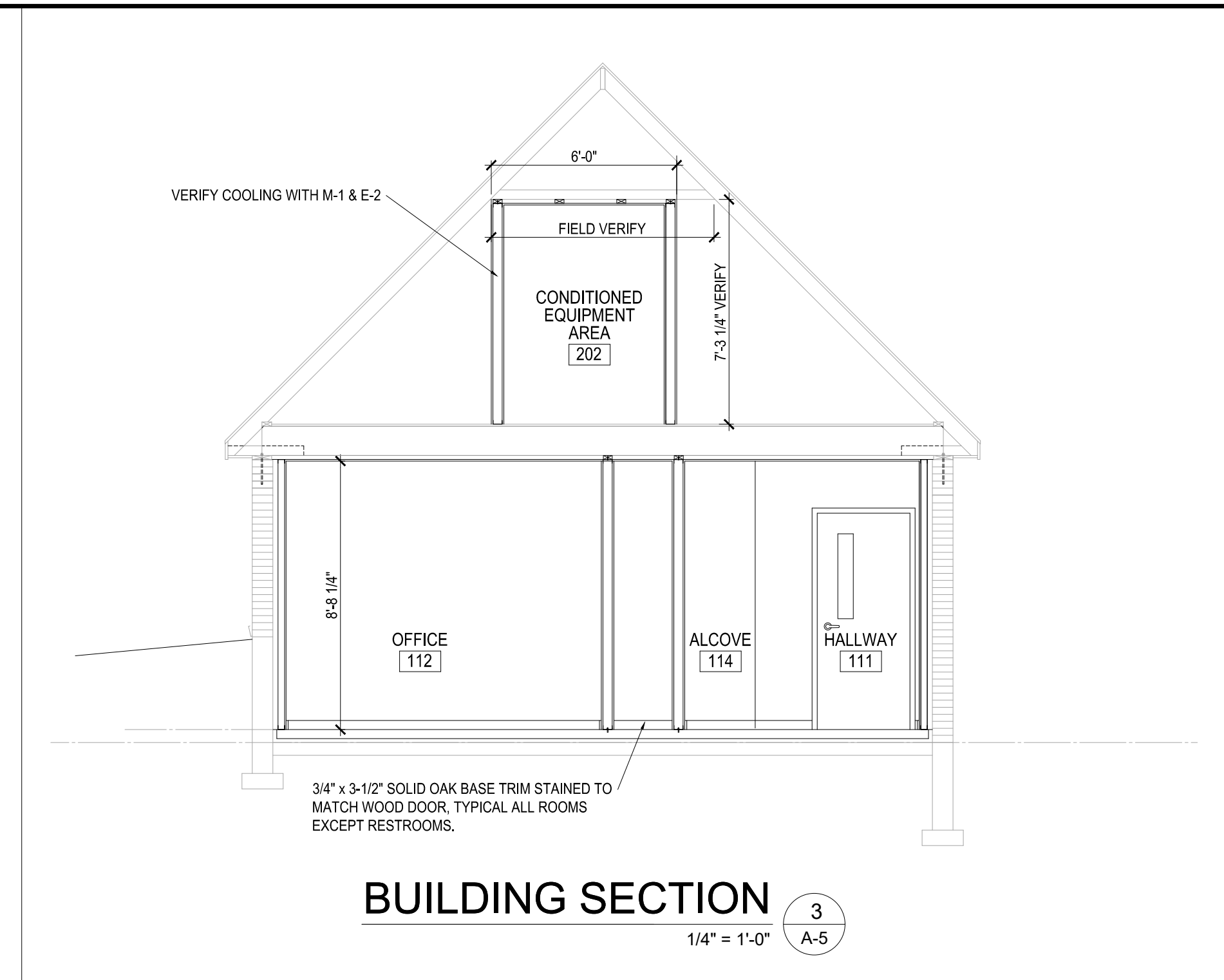
DETAILS
 1-1/2" = 1'-0"



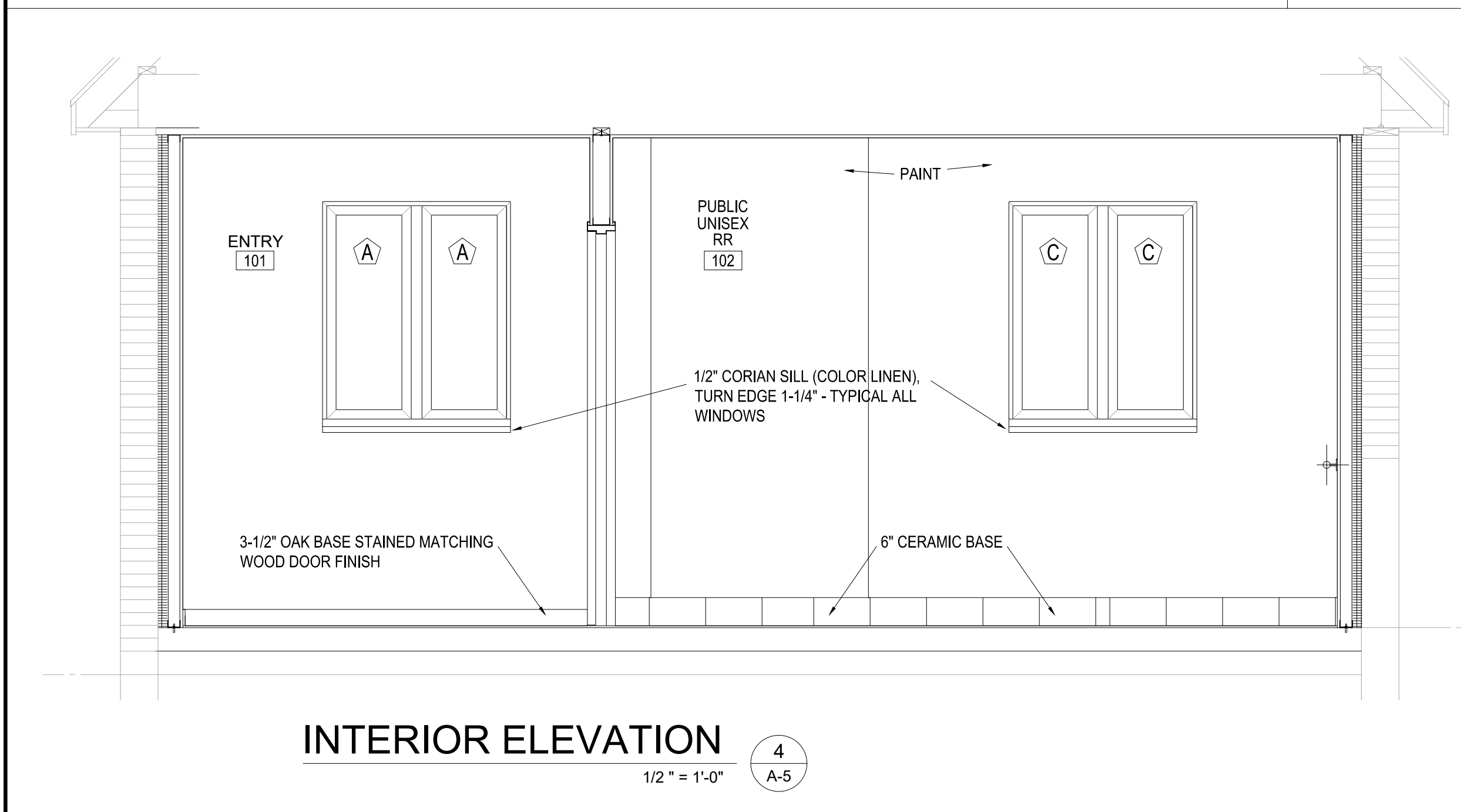
BUILDING SECTION 1
1/4" = 1'-0" A-5



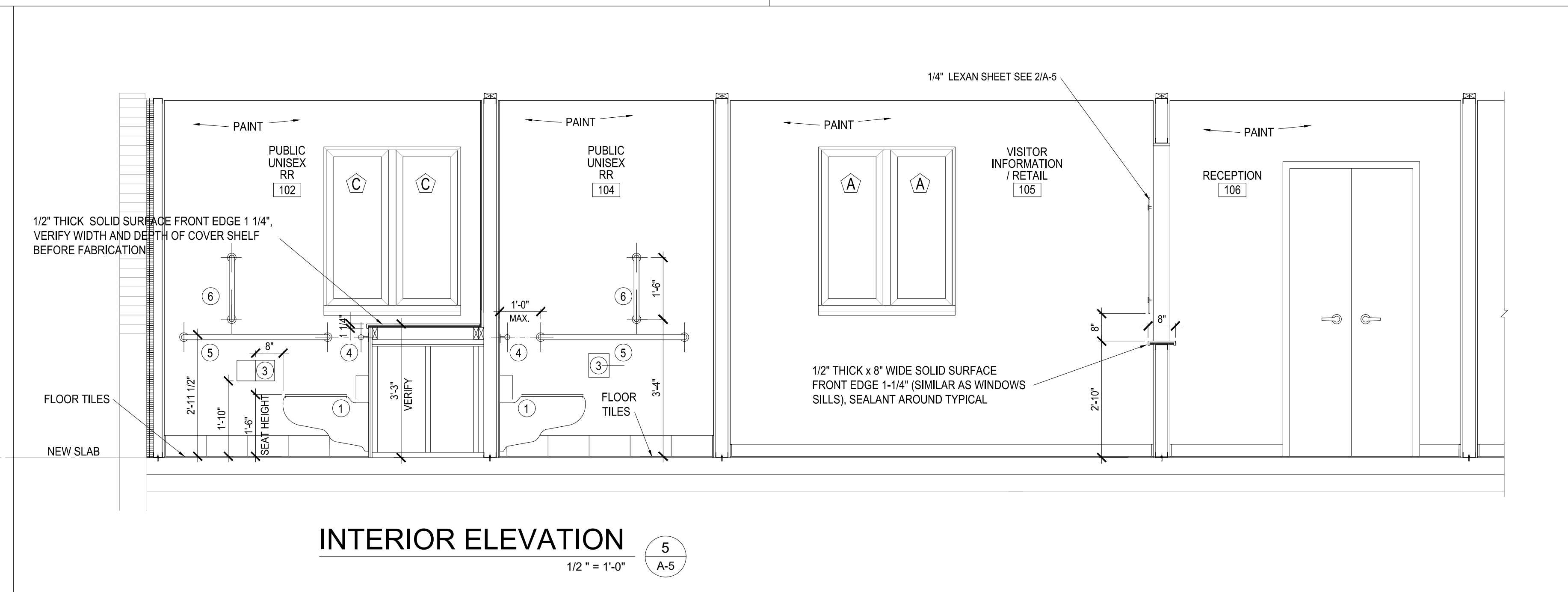
BUILDING SECTION 2
1/4" = 1'-0" A-5



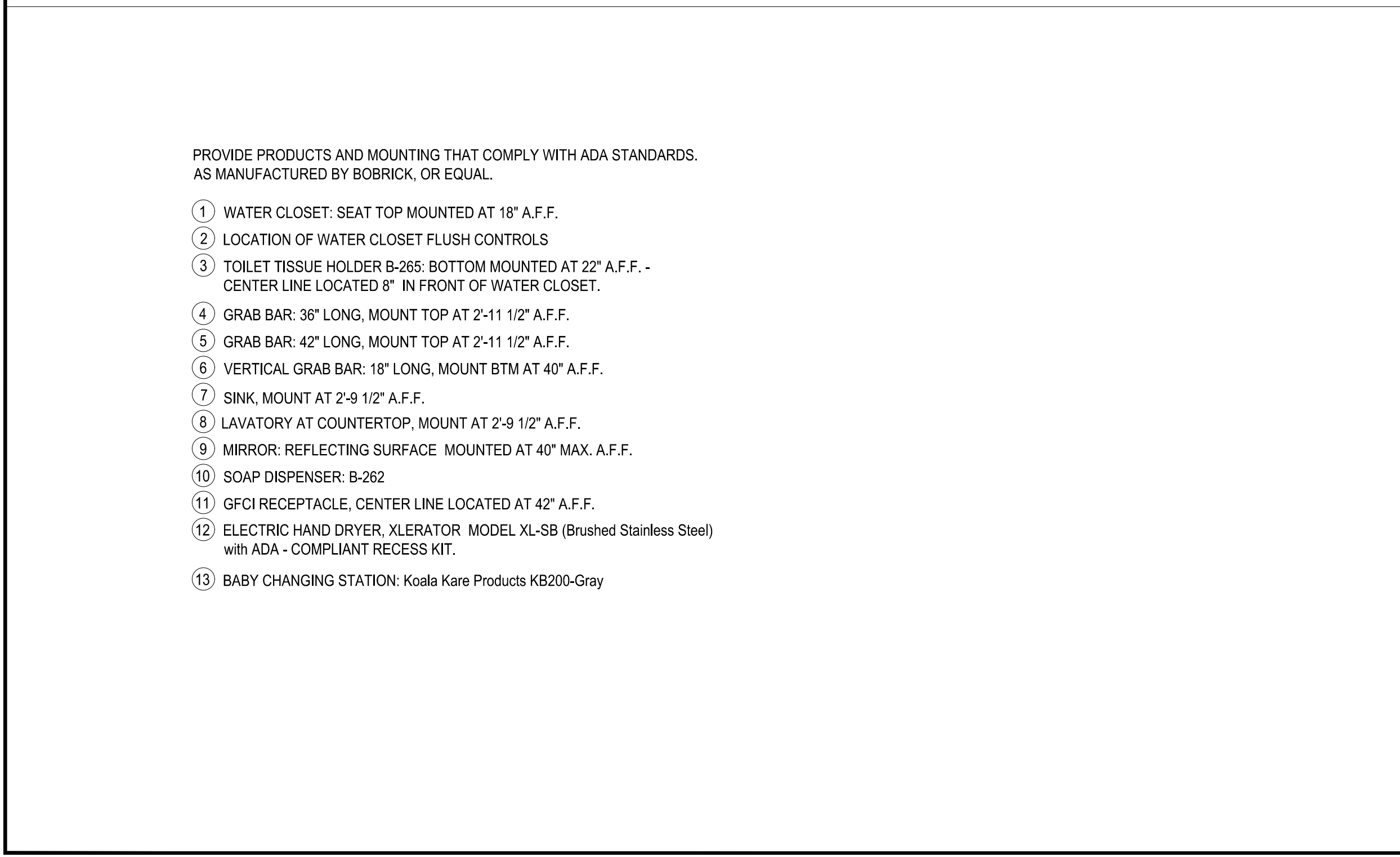
BUILDING SECTION 3
1/4" = 1'-0" A-5



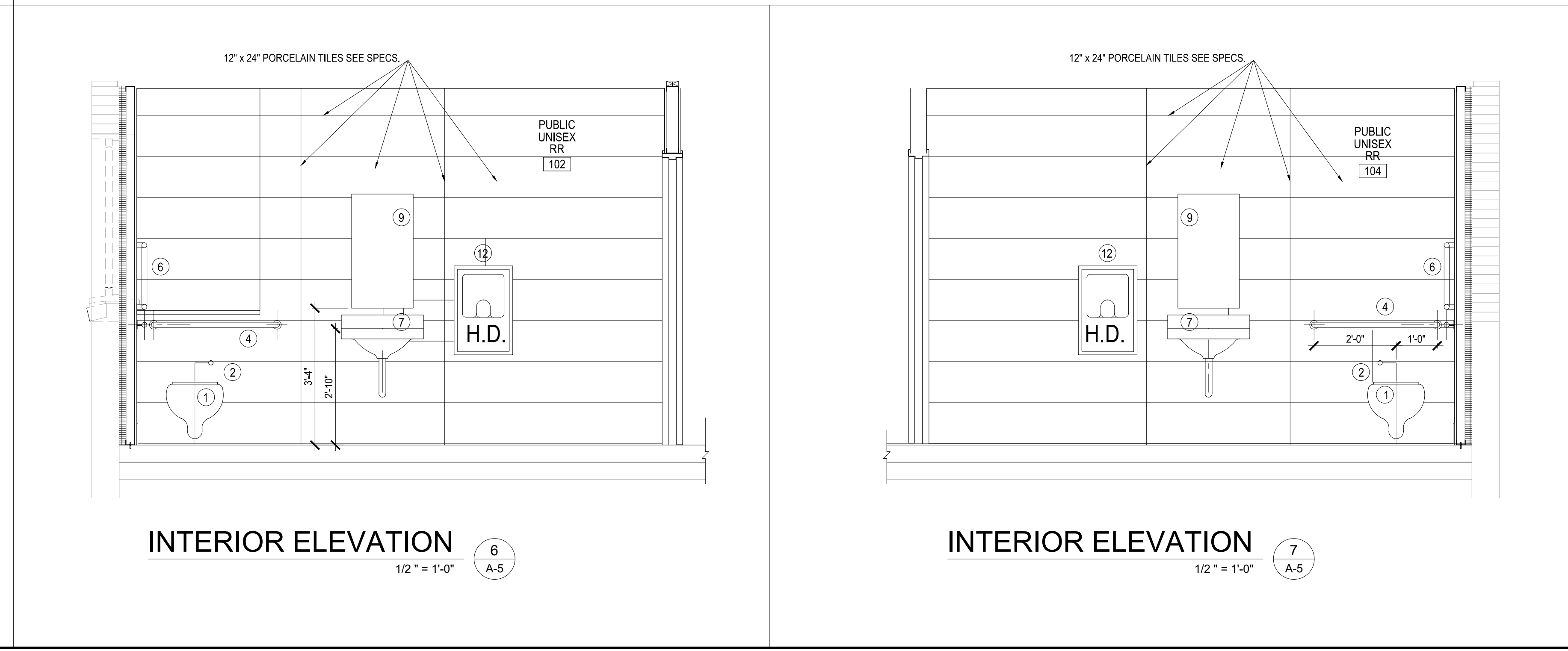
INTERIOR ELEVATION 4
1/2" = 1'-0" A-5



INTERIOR ELEVATION 5
1/2" = 1'-0" A-5



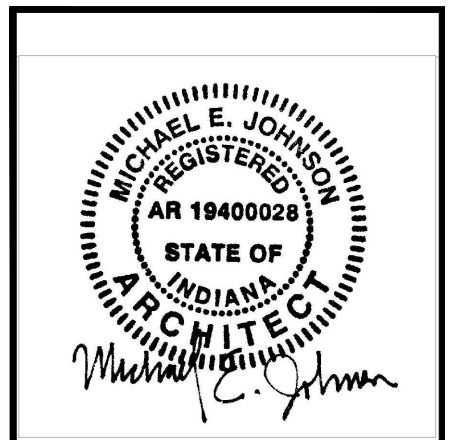
INTERIOR ELEVATION 6
1/2" = 1'-0" A-5



INTERIOR ELEVATION 7
1/2" = 1'-0" A-5

PROVIDE PRODUCTS AND MOUNTING THAT COMPLY WITH ADA STANDARDS, AS MANUFACTURED BY BOBRICK, OR EQUAL.

- ① WATER CLOSET: SEAT TOP MOUNTED AT 18" A.F.F.
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Revisions:

Project Number:
300DM-64013-01

Requisition Number:

Designer:
B.D., M.E.J.
Drawing Date:
5-14-2021

Drafter:
B.D.
Drawing Scale:
AS NOTED

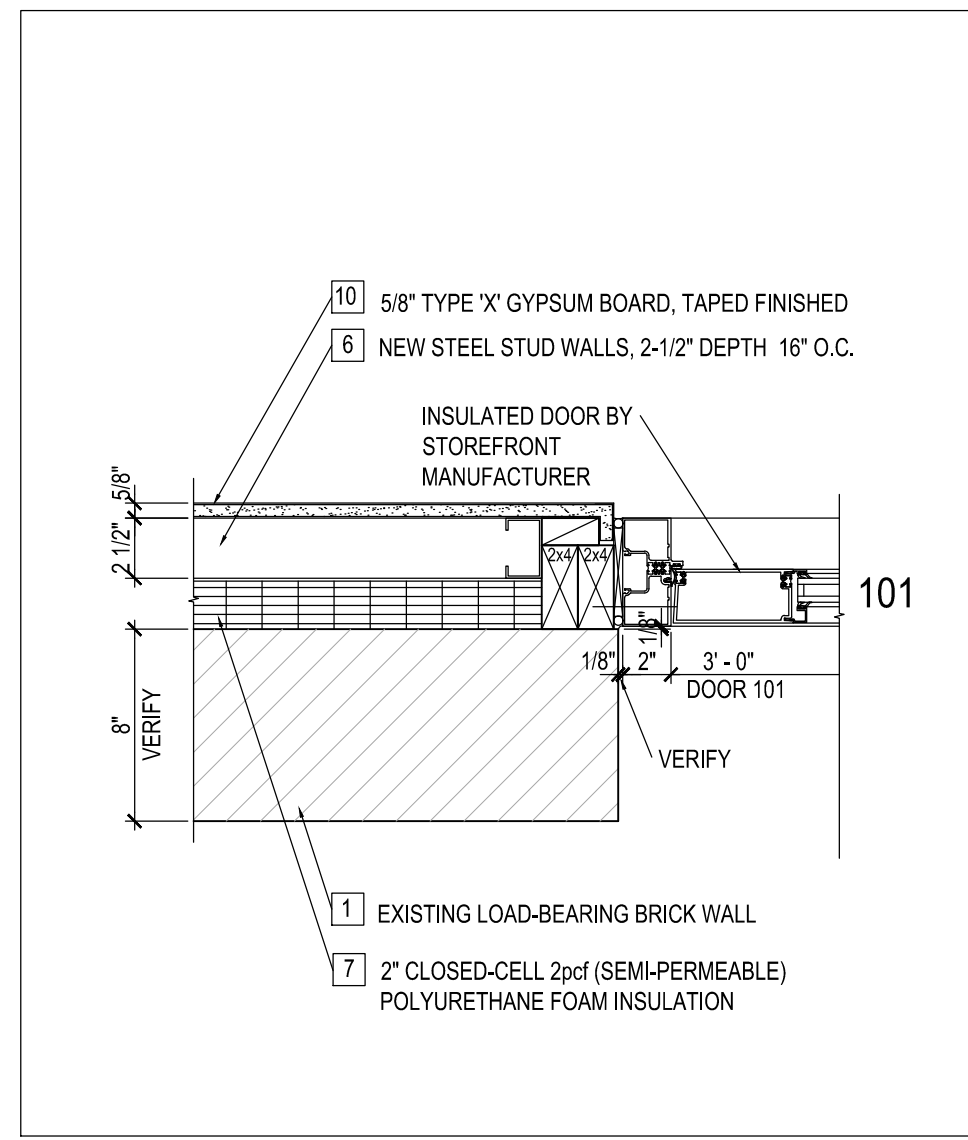
DNR Approval:

Client Approval:

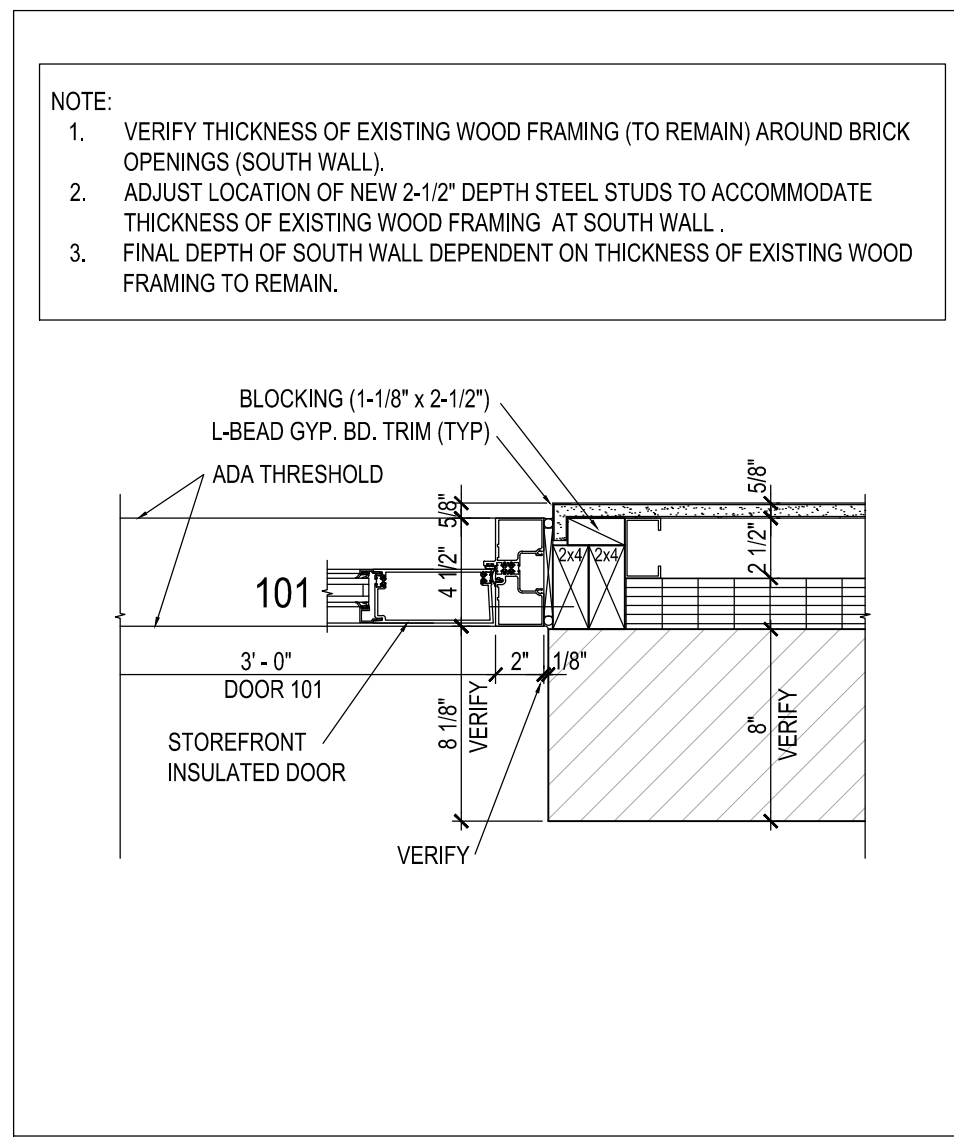
File Number:
005 - 116

Drawing Number:
A-5

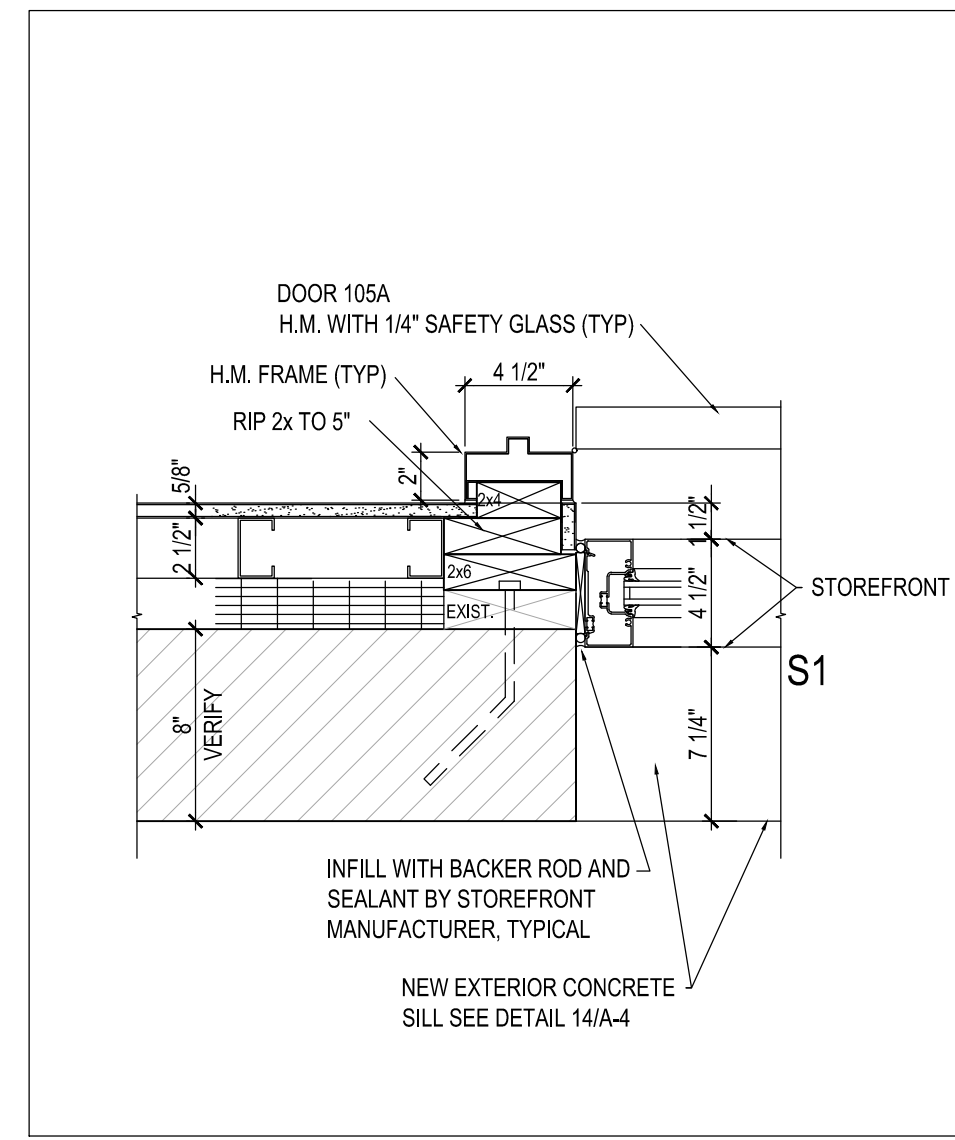
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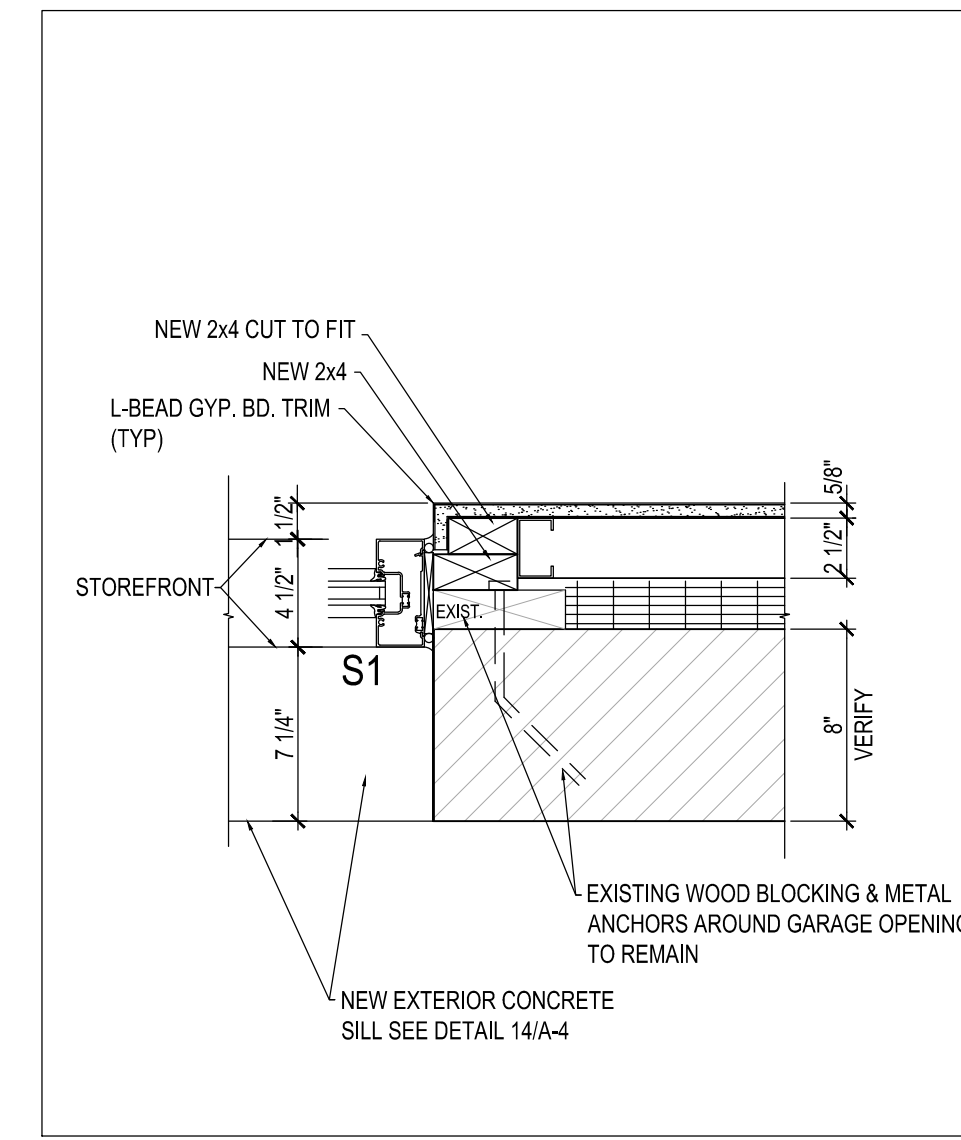
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A-6



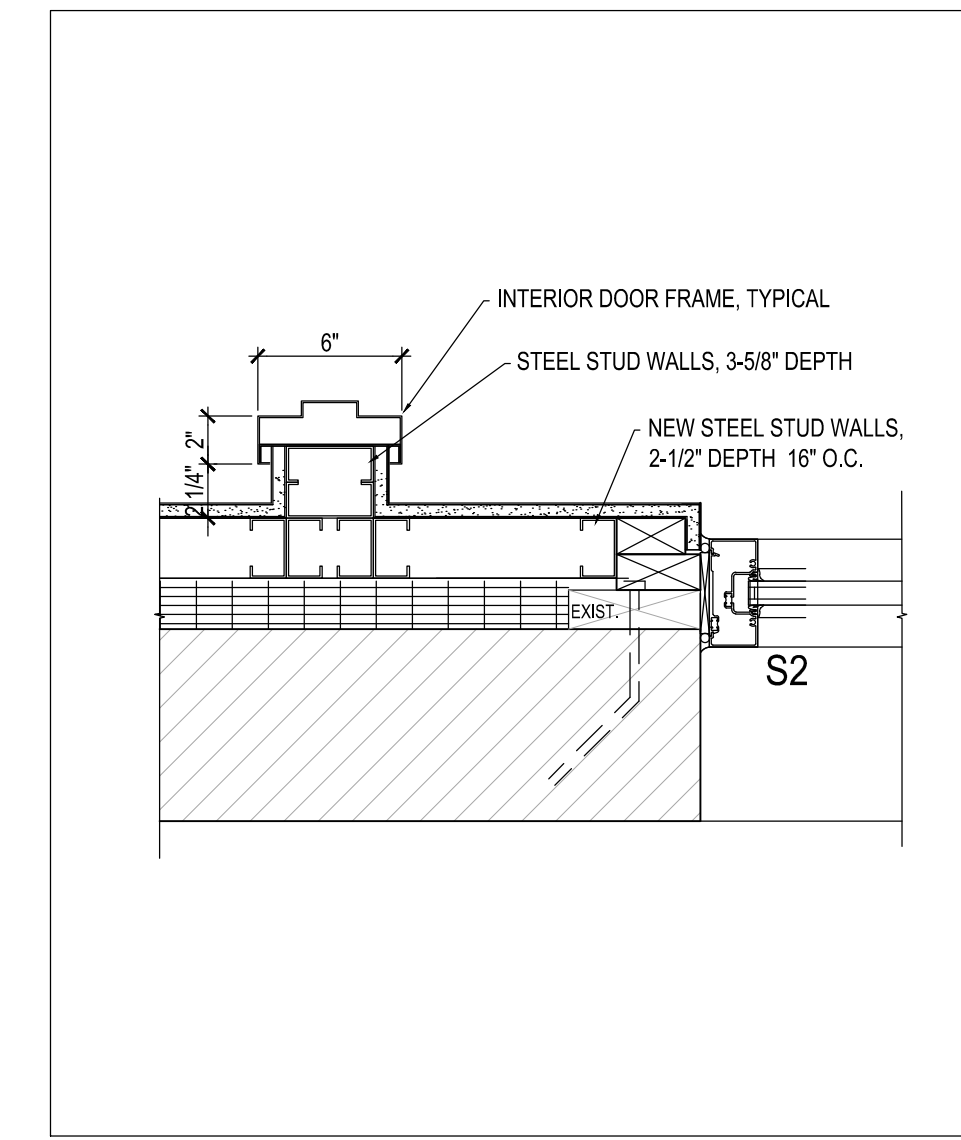
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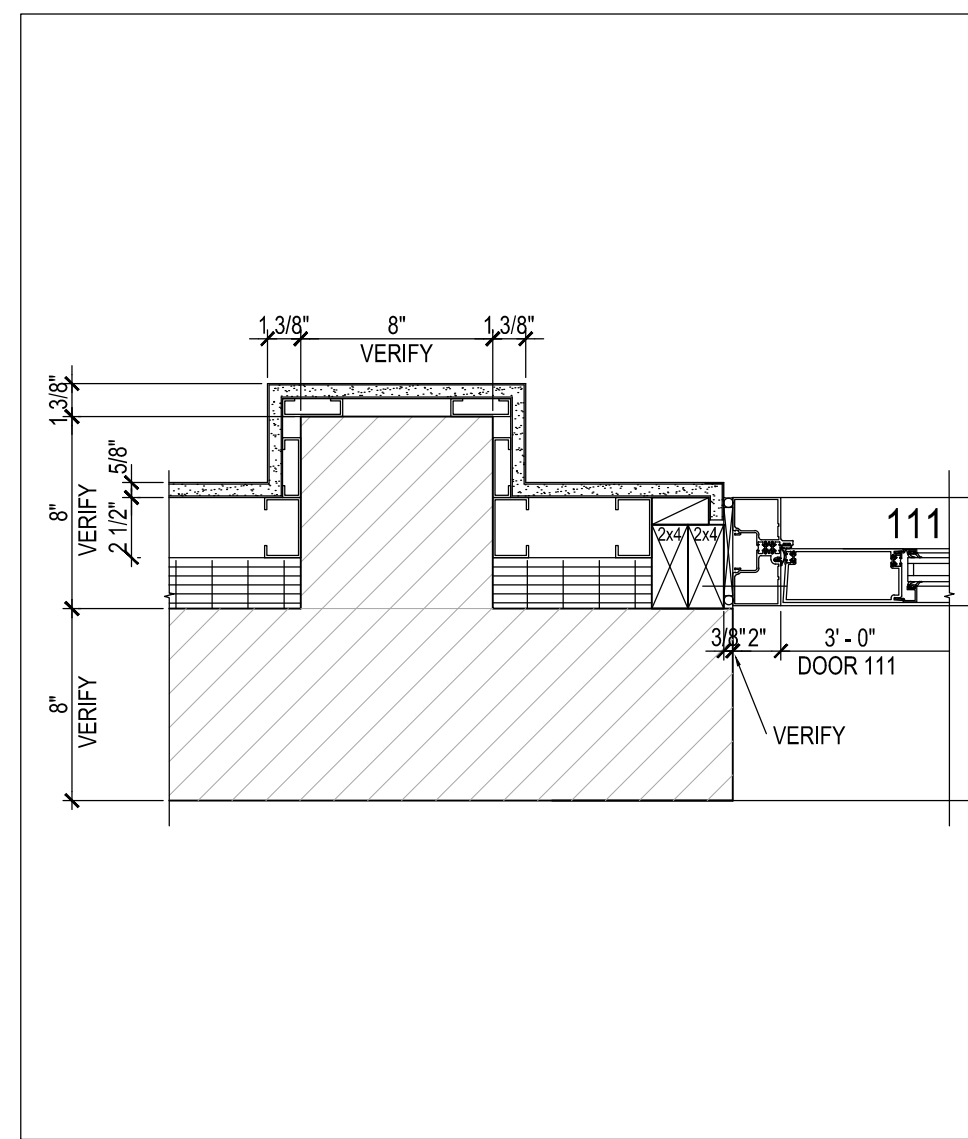
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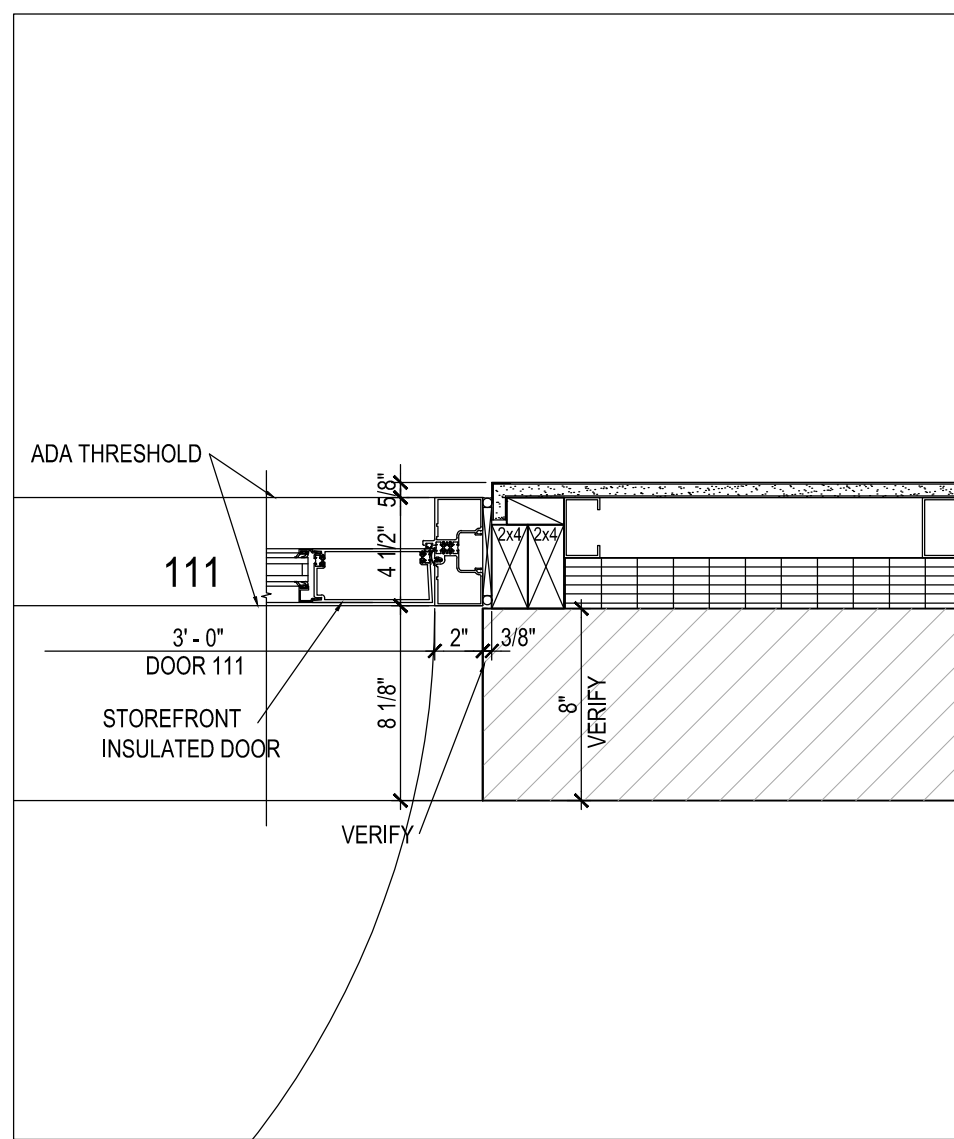
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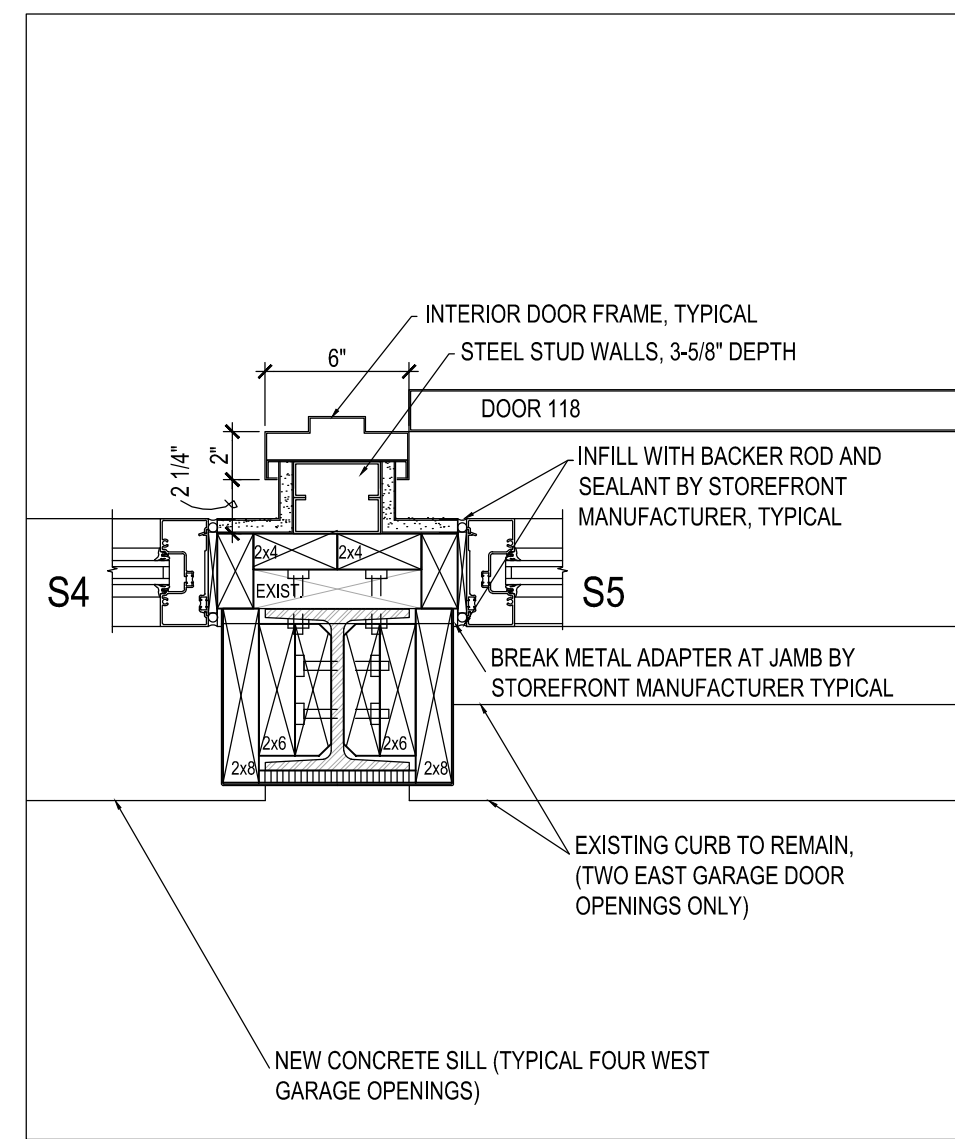
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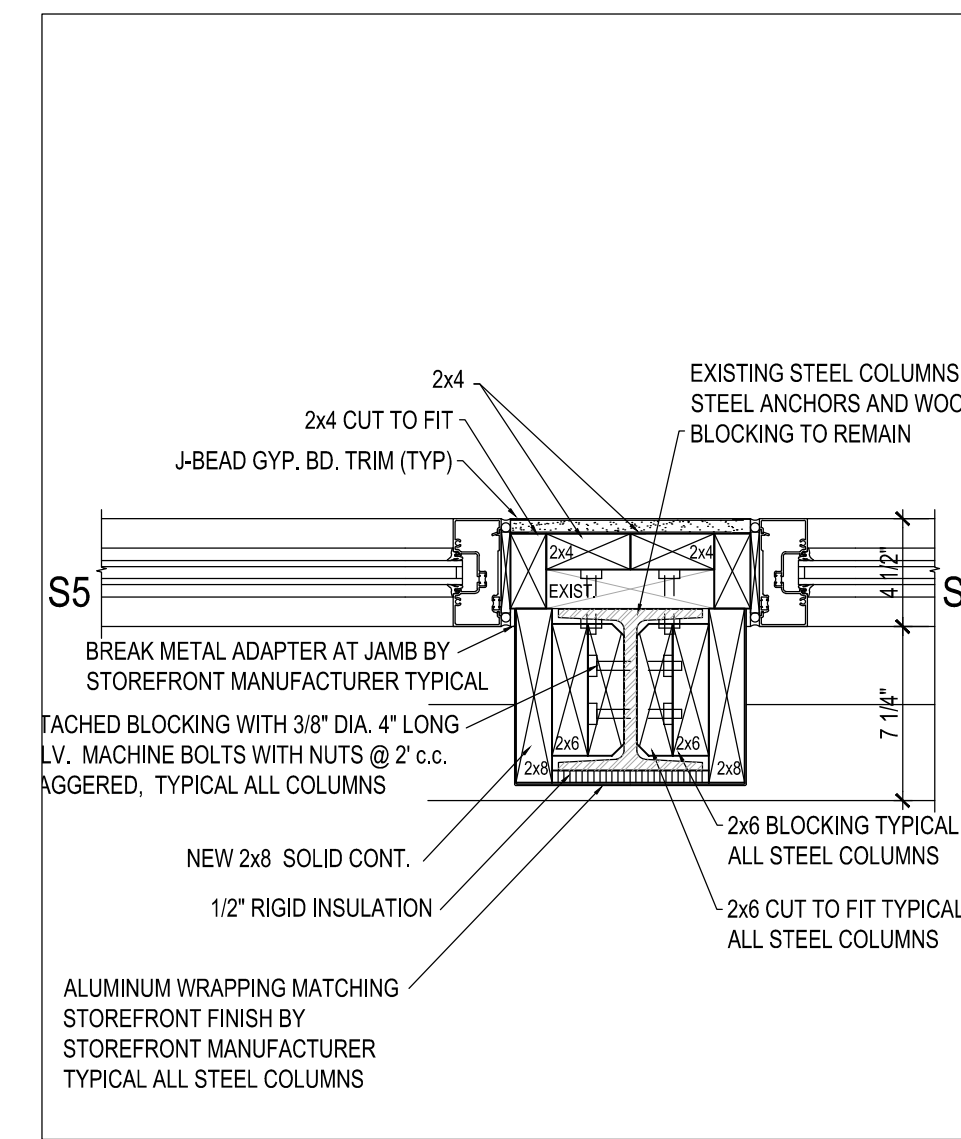
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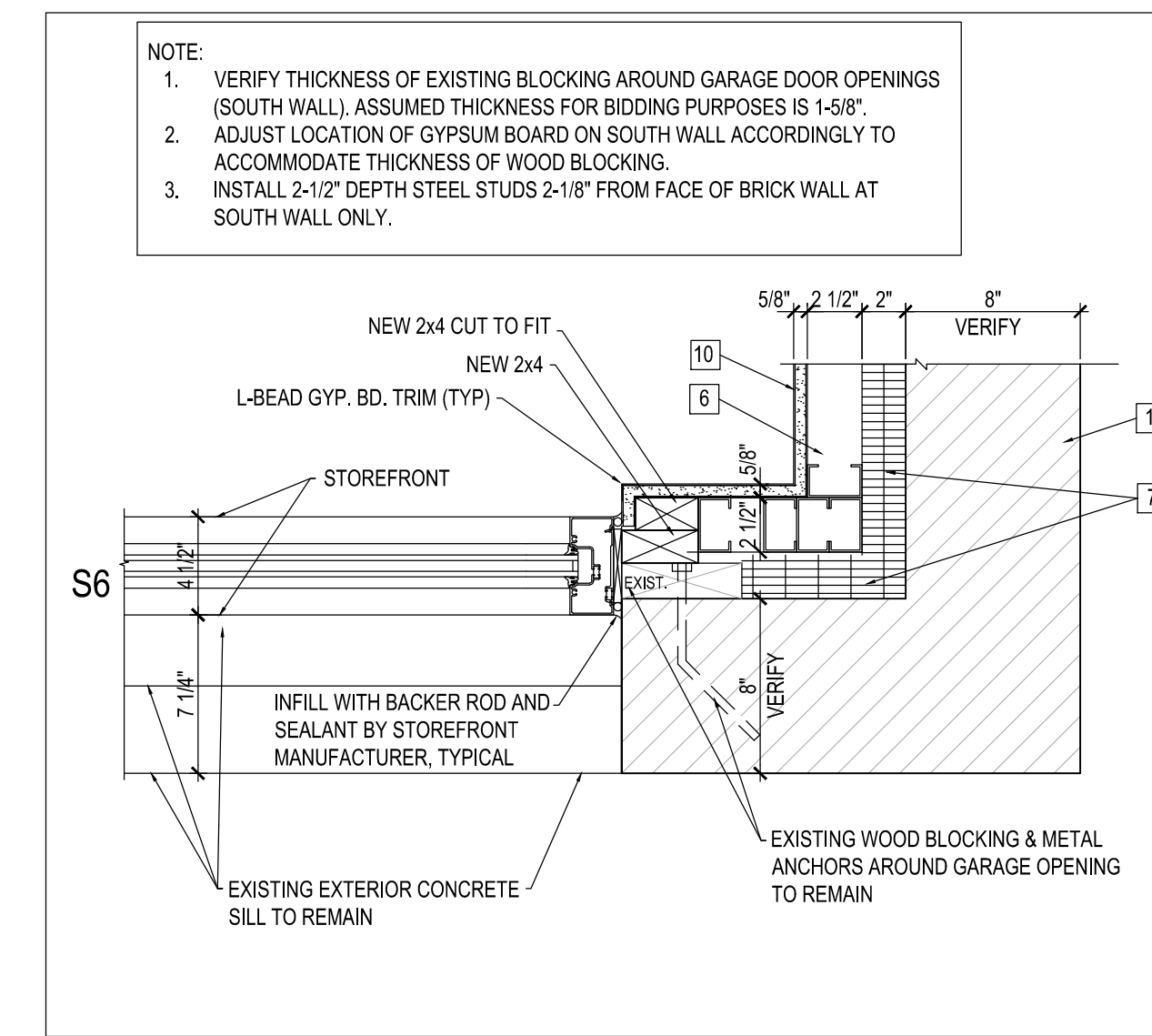
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A-6



8
A-6

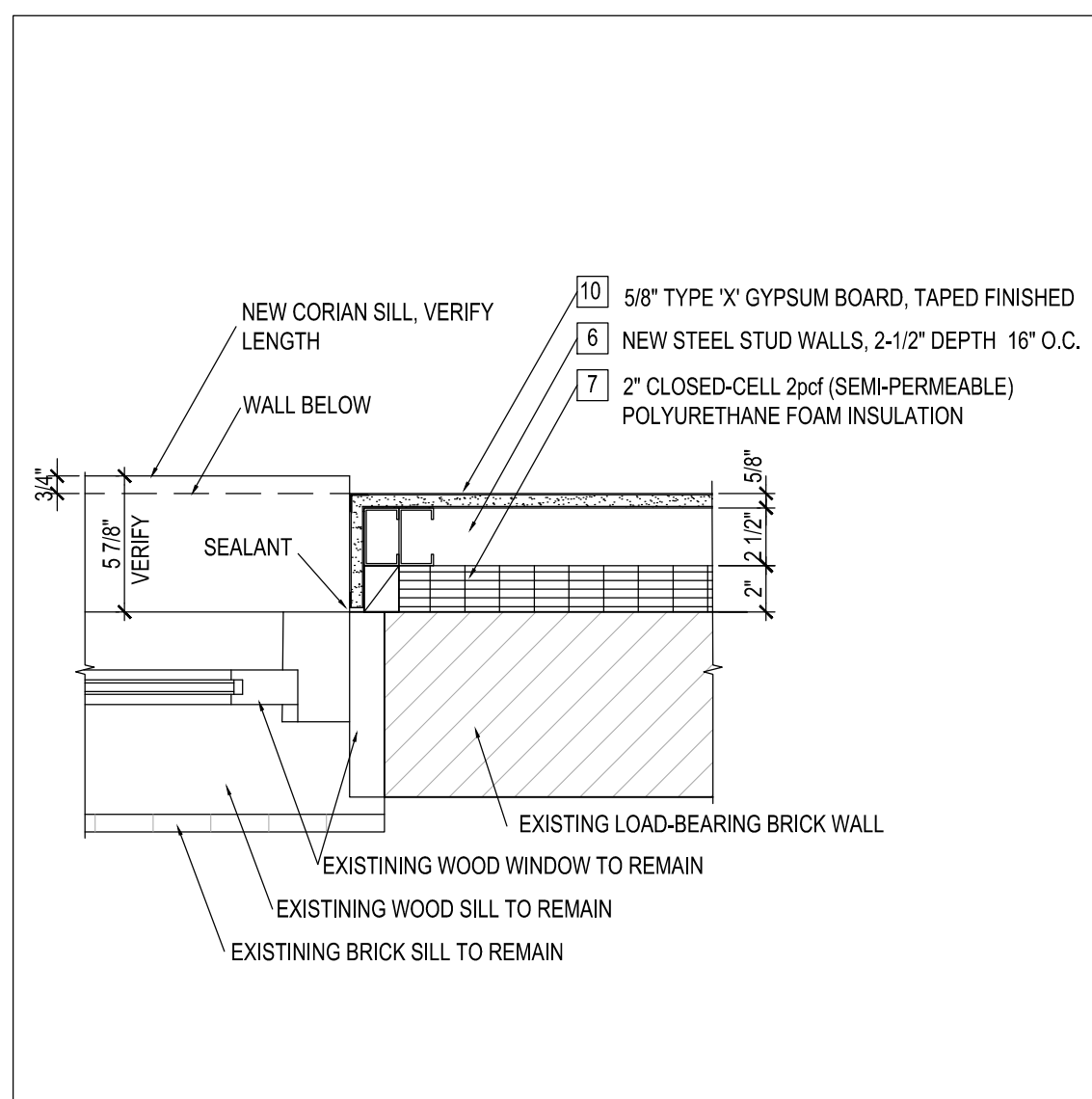


9
A-6



10
A-6

STOREFRONT DETAILS
1-1/2" = 1'-0"



11
A-6

EXISTING WINDOW
TYPICAL JAMB DETAIL 1-1/2" = 1'-0"



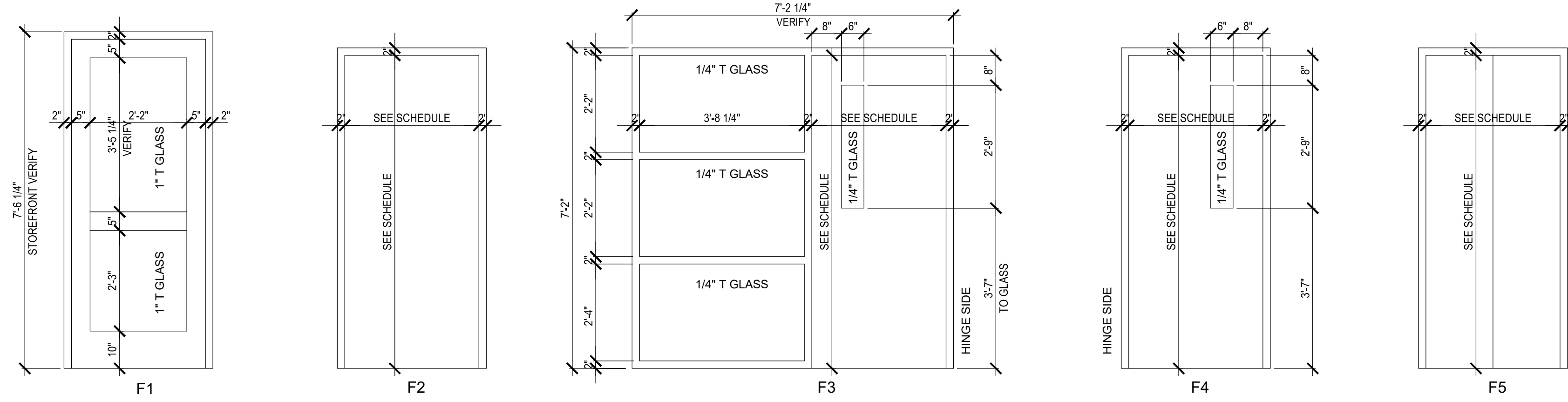
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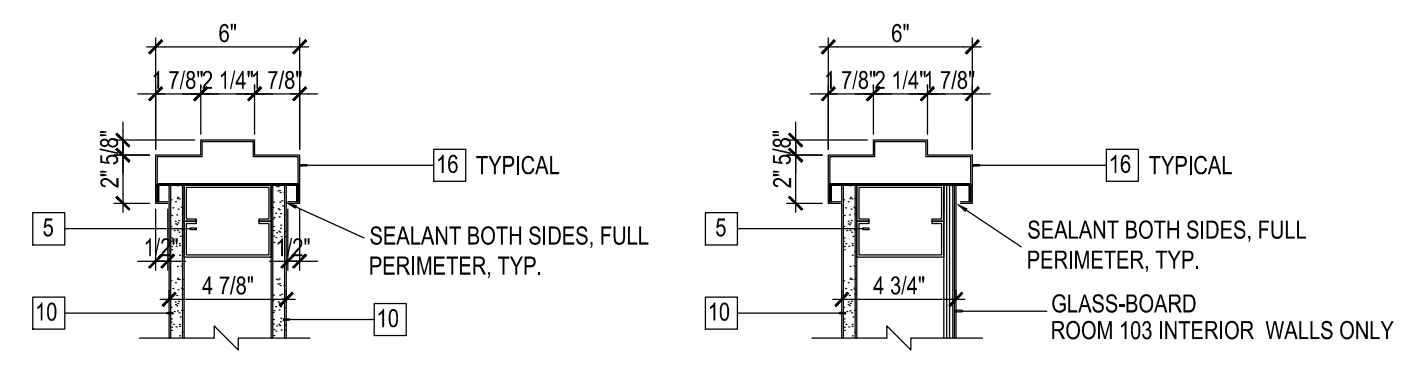


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Revisions:
Project Number: 300DM-64013-01
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Designer: B.D., M.E.J. 05-14-2021
Drafter: B.D. AS NOTED
DNR Approval:
Client Approval:
File Number: 005 - 116
Drawing Number: A-6
Sheet: 11 of 17



DOOR TYPES 1 A-7



JAMB /HEAD DETAIL 2 A-7
TYPICAL 1-1/2" = 1'-0"

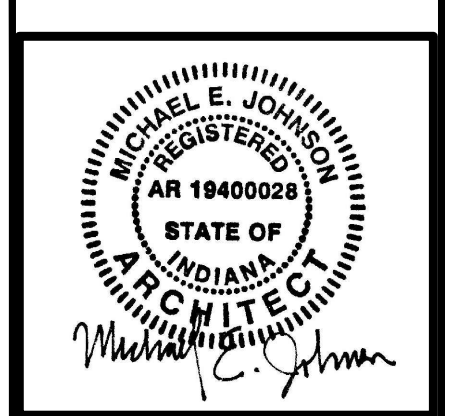
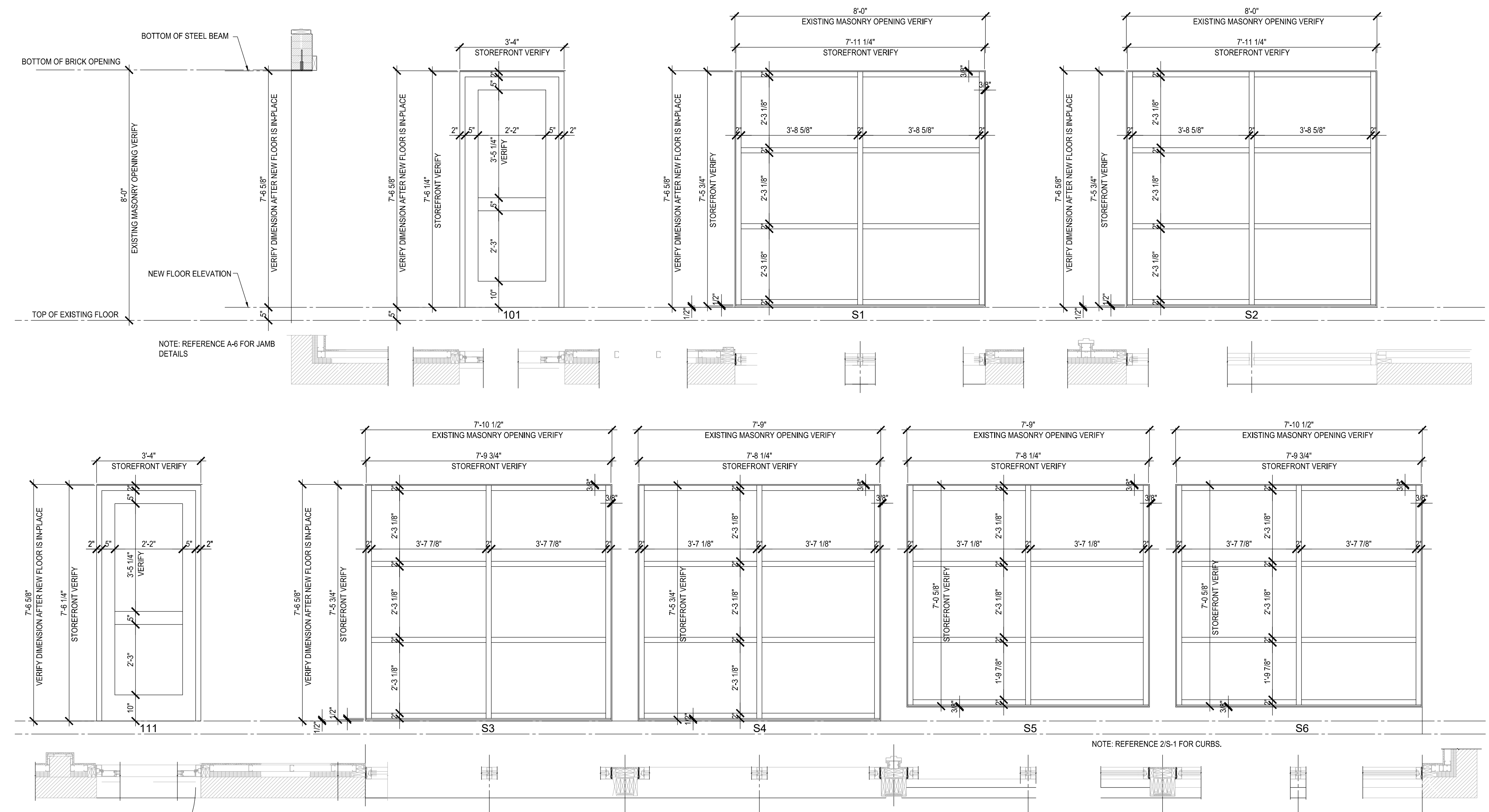
DOOR NUMBER	DOOR SIZE			MATERIAL	ELEVATION	HDWR	FRAME MATERIAL	REMARKS
	W	H	T					
101	3'-0"	7'-6 1/4"	2 1/4"	ALUM	F1	#1	ALUM	STOREFRONT, 1" INSULATING GLASS. SEE DETAILS 1/A-6 & 2/A-6 FOR INSTALLATION.
102	3'-0"	7'-0"	1 3/4"	WOOD	F2	#2	METAL	SOLID CORE WOOD VENEER DOOR
103	2'-4"	7'-0"	1 3/4"	METAL	F2	#4	METAL	HOLLOW METAL DOOR WITH OVERHEAD STOP TO 90 DEGREE SWING
104	3'-0"	7'-0"	1 3/4"	WOOD	F2	#2	METAL	SOLID CORE WOOD VENEER DOOR
105A	3'-0"	7'-0"	1 3/4"	WOOD	F3	#5	METAL	SOLID CORE WOOD VENEER DOOR, 1/4" T GLASS
105B	3'-0"	7'-0"	1 3/4"	WOOD	F4 OPP HD	#5	METAL	SOLID CORE WOOD VENEER DOOR, 1/4" T GLASS
106A	5'-0"	2'-6"	1/4"	---	---	---	---	CLEAR FLEXIGLAS GUARD SPANNING ACROSS OPENING AND MOUNTED ON STANDOFFS
106B	(2) 1'-6"	7'-0"	1 3/4"	WOOD	F5	#6	METAL	PAIR SOLID CORE WOOD VENEER DOORS
106C	1'-9"	7'-0"	3/8"	PLYWOOD	---	---	---	ACCESS PANEL
108	(2) 1'-6"	7'-0"	1 3/4"	WOOD	F5	#6	METAL	PAIR SOLID CORE WOOD VENEER DOORS
109	3'-0"	7'-0"	1 3/4"	WOOD	F2	#3	METAL	SOLID CORE WOOD VENEER DOOR
110	---	---	---	---	---	---	---	NOT IN SCOPE, EXISTING DOOR AT TOP OF STAIRS TO REMAIN
111	3'-0"	7'-6 1/4"	2 1/4"	ALUM	F1	#1	ALUM	STOREFRONT, 1" INSULATING GLASS, M.O. 3'-4" x 7'-6 5/8" (VERIFY), SEE DETAILS 6/A-6 & 7/A-6 FOR INSTALLATION
112	3'-0"	7'-0"	1 3/4"	WOOD	F4	#8	METAL	SOLID CORE WOOD VENEER DOOR, 1/4" T GLASS
113	---	---	---	---	---	---	---	NOT USED
115	3'-0"	7'-0"	1 3/4"	WOOD	F4 OPP HD	#8	METAL	SOLID CORE WOOD VENEER DOOR, 1/4" T GLASS
116	3'-0"	7'-0"	1 3/4"	WOOD	F4	#8	METAL	SOLID CORE WOOD VENEER DOOR, 1/4" T GLASS
117	3'-0"	7'-0"	1 3/4"	WOOD	F2	#7	METAL	SOLID CORE WOOD VENEER DOOR
118	3'-0"	7'-0"	1 3/4"	WOOD	F4 OPP HD	#8	METAL	SOLID CORE WOOD VENEER DOOR, 1/4" T GLASS
119	3'-0"	7'-0"	1 3/4"	WOOD	F2	#7	METAL	SOLID CORE WOOD VENEER DOOR
A202	3'-0"	6'-8"	1 3/4"	METAL	F2	#9	METAL	HOLLOW METAL DOOR

FG2: FULL GLASS WITH RAIL IN THE MIDDLE: ALUMINUM - MANUFACTURER STANDARD, FIELD VERIFY MAXIMUM DOOR HEIGHT CLEARANCE AVAILABLE
F: FLUSH WOOD DOOR MANUFACTURER STANDARD

STOREFRONT ELEVATIONS 3 A-7
1/2" = 1'-0"

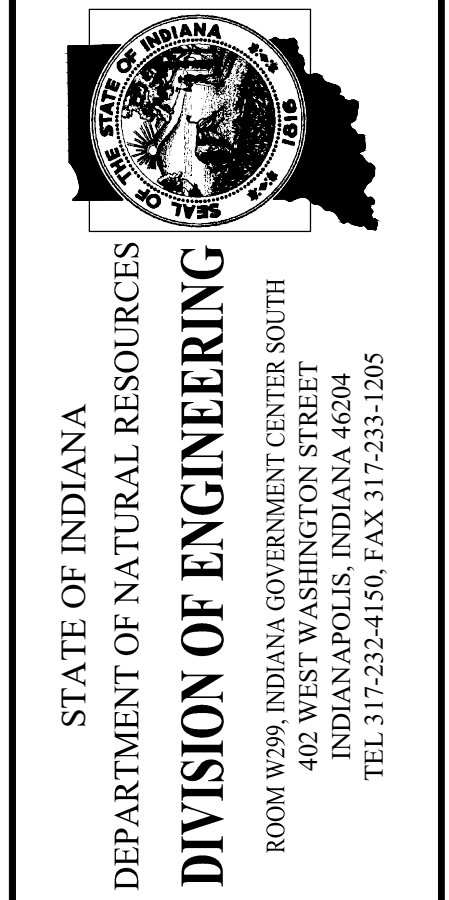
GENERAL NOTES:

- STOREFRONT SHALL BE Trifab® 451T VersaGlazed® CENTERED GLAZED WITH CLEAR ANODIZED FINISH.
 - ENTRANCE SYSTEM SHALL BE 500T INSULPOUR OR EQUAL.
 - 1 - INCH INSULATED GLASS SHALL BE AS FOLLOW: TEMPERED, SOLARBAN 60 (2) SOLARGRAY + Clear VLT=35%, Winter Nighttime U=0.29, SHGC=0.25.
- SUBMIT 12x12 INSULATED GLASS SAMPLES FOR OWNER VERIFICATION.

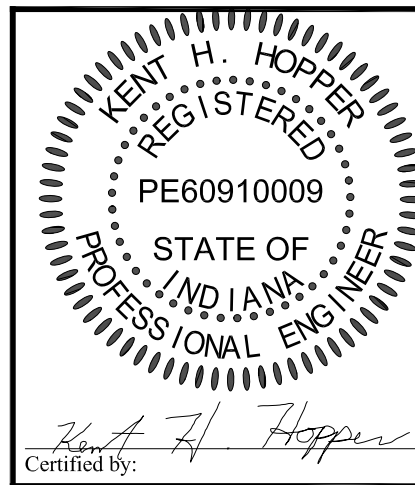


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Sheet:	12 of 17

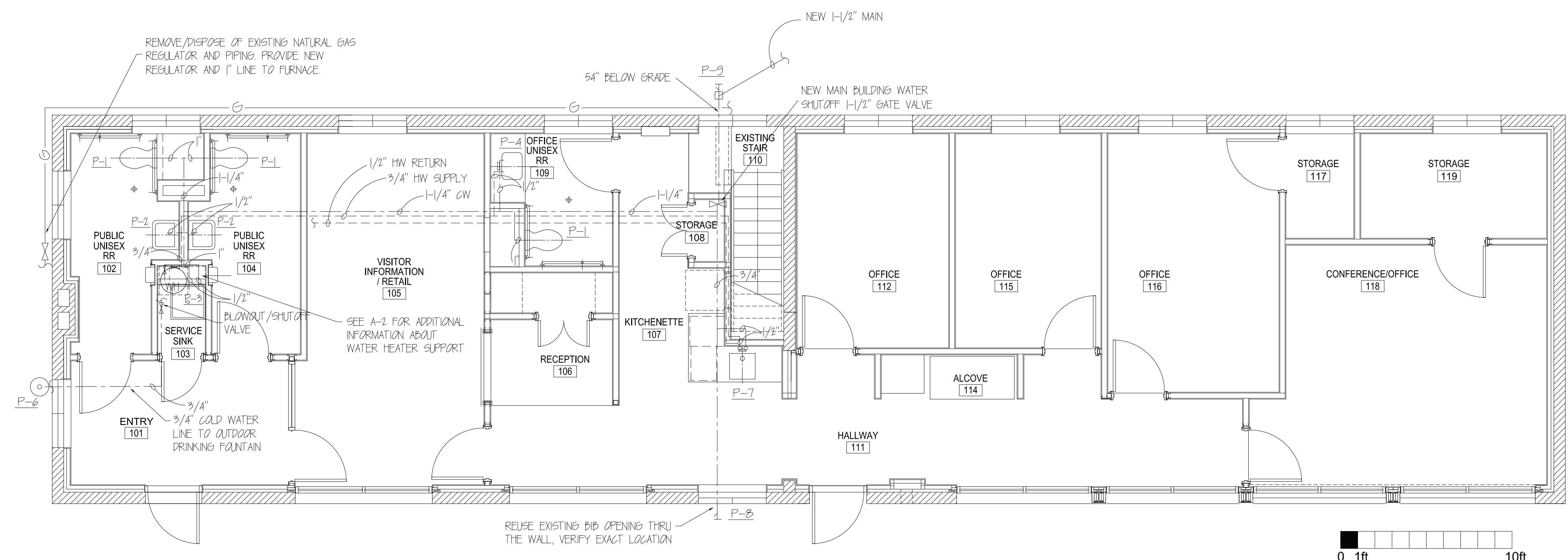


Certified by: *Kent H. Hopper*

PLUMBING SYMBOLS

MARK DESCRIPTION

- NATURAL GAS LINE
- — — COLD WATER LINE
- · — · — HOT WATER LINE
- ▶— DIRECTION OF FLOW (VARIOUS LINES)
- SS— SANITARY SEWER (DRAIN LINE)
- · — · — VENT PIPING
- EXT. C.O. — EXTERIOR CLEAN OUT
- C.O. — CLEAN OUT
- F.D. W/ C.O. — FLOOR DRAIN W/ CLEANOUT
- X— SHUT-OFF VALVE
- U— PIPING UNION (FOR W/H)
- FP/HP— FREEZEPROOF HOSE BIBB



PLUMBING HOT & COLD WATER PLAN

1/4" = 1'-0"

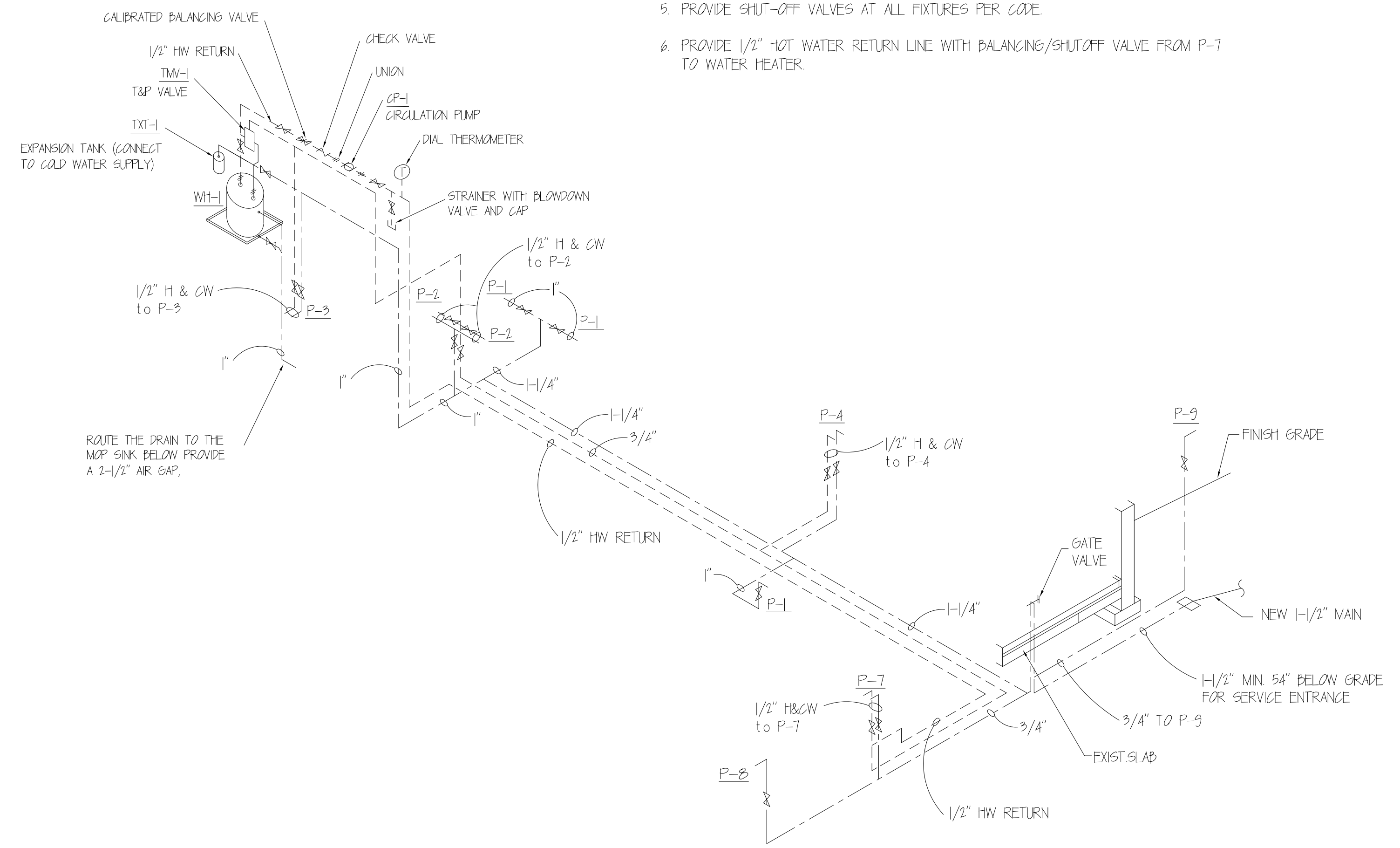
1
P-1

PLUMBING NOTES:

- SEE SITE PLAN SHEET C-1 FOR CONNECTION OF NEW WATER LINE TO EXISTING.
- PROVIDE BLOWOUT VALVE AND SHUTOFF FOR WINTERIZING OUTDOOR DRINKING FOUNTAIN.
- GAS PIPING SHALL BE COATED FOR OUTDOOR USE, WHERE INSTALLED OUTDOORS PIPING UNDER SLAB SHALL BE APPROVED FOR DIRECT BURIAL.
- REMOVE ALL EXISTING ABANDONED PLUMBING FROM BUILDING AND PATCH TO MATCH EXISTING.
- PROVIDE SHUT-OFF VALVES AT ALL FIXTURES PER CODE.
- PROVIDE 1/2" HOT WATER RETURN LINE WITH BALANCING/SHUTOFF VALVE FROM P-1 TO WATER HEATER.

PLUMBING FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	DESCRIPTION	H.W.	C.W.	TRAP	WASTE	VENT	MTG. HT.	NOTES
P-1	AMERICAN STANDARD	Atwol® Millennium FloWise Elongated Flushometer Toilet	VITREOUS CHINA PERMANENT EVERCLEAN®	-	1"	INTEGRAL	4"	2"	17"-19" TO SEAT	1, 2
P-2	AMERICAN STANDARD	LUXERNE 0356493	CONCEALED ARMS SUPPORT, SINGLE CENTER FAUCET HOLE, D - SHAPED BOWL, WHITE VITREOUS CHINA	1/2"	1/2"	1-1/4"	2"	1-1/2"	34" TO RIM	3, 4
P-3	MUSTEE	63M	MOP SERVICE BASIN, WHITE 10"x14"x14"	1/2"	1/2"	INTEGRAL	3"	1-1/2"		5, 6
P-4	AMERICAN STANDARD	0416028V "Aqualyn"	DROP-IN BATHROOM SINK, WHITE	1/2"	1/2"	1-1/4"	1-1/2"	1-1/2"	34" TO RIM	4
P-5	ZURN	FLOOR DRAIN Z46B	DEEP SEAL TRAP W/TYPE B° STRAINER FLOOR CLEANOUT & CLAMP COLLAR	-	-	-	3"	-		
P-6	ELKAY	LKA4400B	OUTDOOR FOUNTAIN Bi-level Pedestal with Pet Station Non-Filtered Non Refrigerated Finish Evergreen (EV6)	-	1/2"	-	2"	-		
P-7	ARMOR-INTEGRA GROUP	SUN-ADA-1750-16-GR	INTEGRA DRAIN - SINGLE BOWL, ONE HOLE CENTERED FOR FAUCET	1/2"	1/2"	INTEGRAL	2"	1-1/2"	34" TO RIM	7
P-8	ZURN	hose bibb Z1200	Ecolotrol wall hydrant, Encased, Non-Freeze, Anti-Siphon, Automatic Draining	-	3/4"	-	-	-		
P-9	WOODFORD	Y1-5	5 FOOT BURY YARD HYDRANT	-	3/4"	-	-	-		
WH-1	LOCHINVAR	JL6010FS	ELECTRIC WATER HEATER - 120 GAL. CAP. 11 GPM RECOVERY @ 100deg RISE, GLASS-LINED, INSULATED STEEL JACKET, 30 KW, 208 V, 1 PH MOUNT ON SHELF IN DRAIN PAN BOTTOM AT 68" AFF.							
CP-1	B&G	NBF-22	CIRCULATING PUMP - 1 GPM, 6 FT. HEAD, 92 WATTS, 2300 RPM, 120 VOLT, 1 PHASE, FINISH WITH AUTOMATIC TIMER, AND AQUASTAT COMBINATION.							
TMV-1	SYMMONS	T-100A	THERMOSTATIC MIXING VALVE - 3 GPM, 5 PSI PRESSURE DROP, 110 DEG F. OUTLET, 142 DEG F. INLET, DIAL THERMOMETER ON DISCHARGE, SHUTOFF VALVES, SECURE TO WALL AT 60" AFF, 3/4" INLETS, 3/4" OUTLET.							
TXT-1	WESEELS	TTA5	THERMAL EXPANSION TANK - ASME RATED, FIXED PLASDER TYPE, PRECHARGED, 150 PSI MAXIMUM DESIGN PRESSURE, 3/4" NPT SS SYSTEM CONNECTION, STANDARD TIRE VALVE CHARGING CONNECTION, 35 GALLON TANK & 21 GALLON ACCEPTANCE VOLUME.							



PLUMBING HOT & COLD WATER ISOMETRIC

NTS

2
P-1

NOTES:

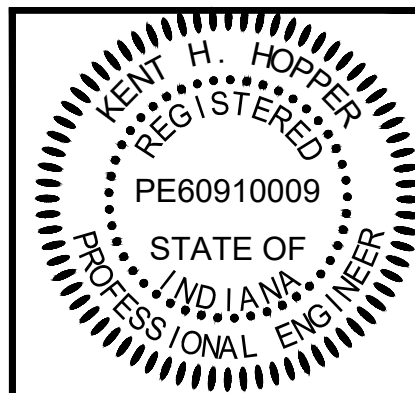
- FLUSHOMETER VALVE SHALL BE 16 GPF SENSOR-OPERATED AMERICAN STANDARD SELECTRONIC, HARD-WIRED, AC POWER # 602161002 (TOP SPUD), CHROME FINISH, INSTALL SEAT FOR AMERICAN STANDARD TOILET WITH NO COVER, OPEN FRONT, COLOR TO MATCH FIXTURE (WHITE).
- INSTALL WATER CLOSET CARRIER SYSTEM MANUFACTURED BY ZURN (OR EQUAL). THE SYSTEM SHALL COMPLY WITH REQUIREMENTS OF ASME A112.18.1 UP TO A 500 LBS STATIC LOAD RATING. CARRIER SHALL BE EQUAL TO ZURN EZCARRY.
- CARRIER SHALL BE EQUAL TO ZURN MODEL Z1231.
- FAUCET SHALL BE EQUAL TO AMERICAN STANDARD INNSBROOK SELECTRONIC MODEL # 605205002 05 GPM DECK MOUNTED, HARD-WIRED ELECTRONIC BATHROOM FAUCET WITH TOUCH-FREE SENSOR.
- INSTALL MUSTEE CENTER SET SERVICE FAUCET, MODEL # 63600A (OR EQUAL). FAUCET SHALL MEET ANSI SPECIFICATIONS A112.11, SECTION 2.9 AND A112.18.1M CSA LISTED.
- INSTALL FOLLOWING ACCESSORIES FOR MOP SERVICE BASIN:
 - HOSE AND HOSE HANGER MODEL # 65700
 - MOP HANGER MODEL # 65600
 - BUMPER GUARDS MODEL # 63401
- INSTALL SINGLE CONTROL FAUCET, MANUFACTURED BY ZURN, MODEL # Z81200-XL.

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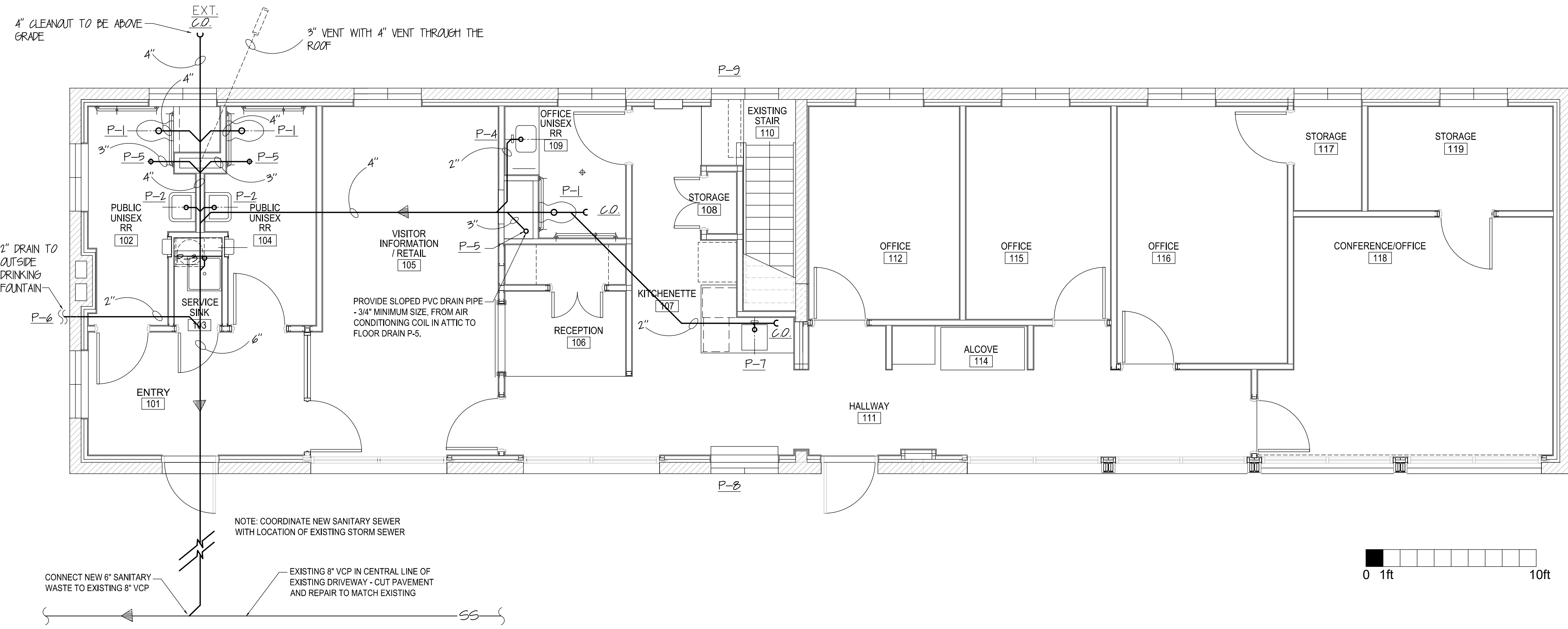


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Revisions:	
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Drafter:	B.D.
Drawing Scale:	AS NOTED
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Client Approval:	
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Drawing Number:	P-1
Sheet:	14 of 17



Certified by: *Kent H. Popper*

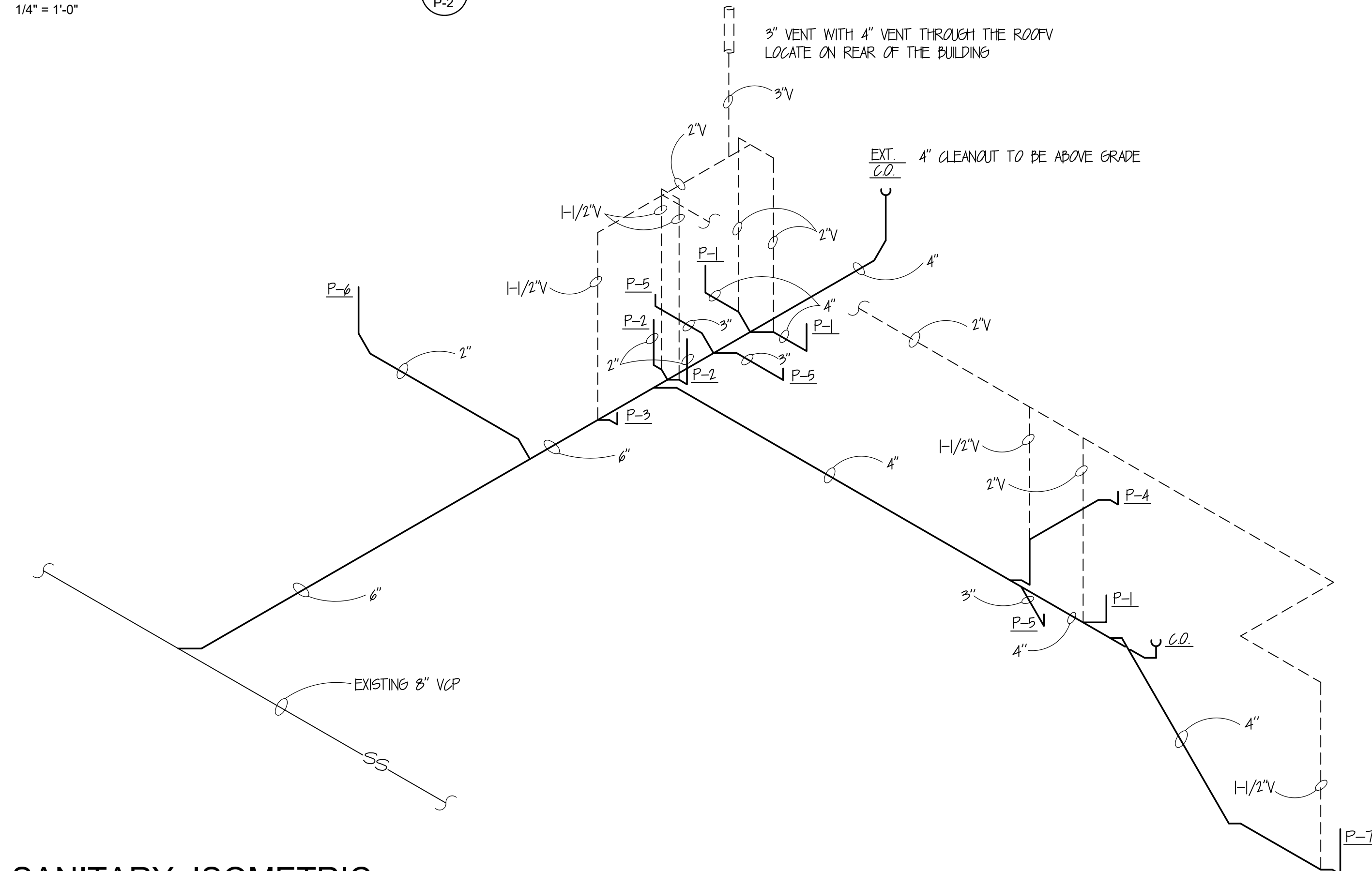


PLUMBING SYMBOLS

MARK	DESCRIPTION
	NATURAL GAS LINE
	COLD WATER LINE
	HOT WATER LINE
	DIRECTION OF FLOW (VARIOUS LINES)
	SANITARY SEWER (DRAIN LINE)
	VENT PIPING
	EXTERIOR CLEAN OUT
	CLEAN OUT
	FLOOR DRAIN W/ CLEANOUT
	SHUT-OFF VALVE
	PIPING UNION (FOR W/H)
	FREEZEPROOF HOSE BIBB

SANITARY SEWER PLAN

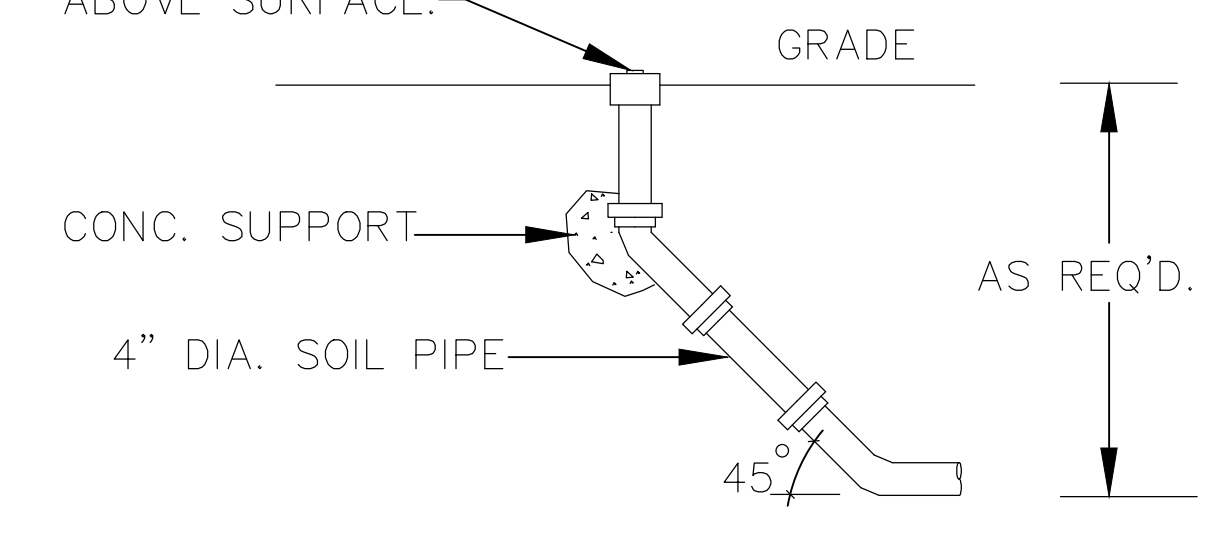
1/4" = 1'-0" 1 P-2



SANITARY ISOMETRIC

NTS 2 P-2

THREADED CLEANOUT ADAPTER AND PLUG EXTENDING MAX. 1" ABOVE SURFACE.



EXTERIOR CLEAN-OUT

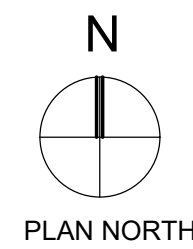
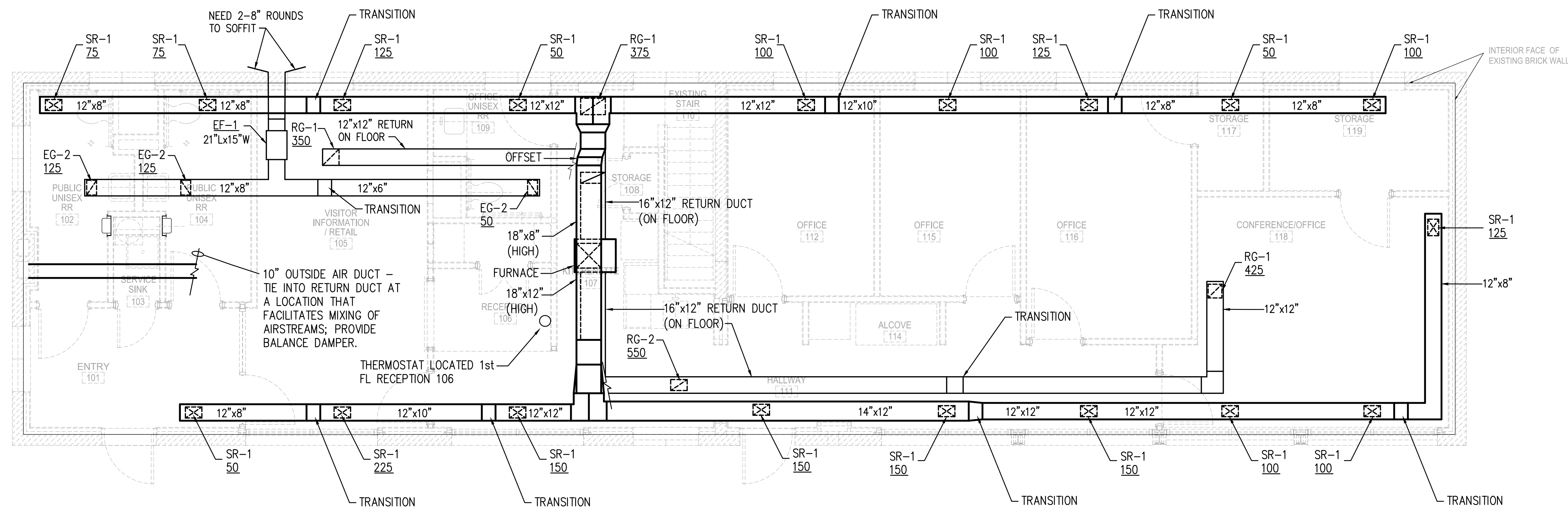
NTS 3 P-2

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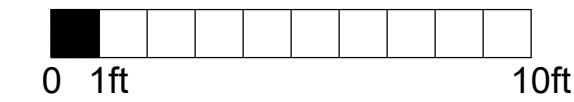
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ATTIC HVAC PLAN

1/4" = 1'-0" M-1



REGISTER AND GRILLE SCHEDULE					
MARK	USAGE	MFR.	MODEL	SIZE	NOTES
SR-1	SUPPLY REGISTER	HART AND COOLEY	683 3-WAY REGISTER	12" x 8"	1
RG-1	RETURN GRILLE	HART AND COOLEY	MODEL 94	18" x 12"	1, 2
EG-2	EXHAUST GRILLE	HART AND COOLEY	MODEL 94	12" x 6"	1, 2

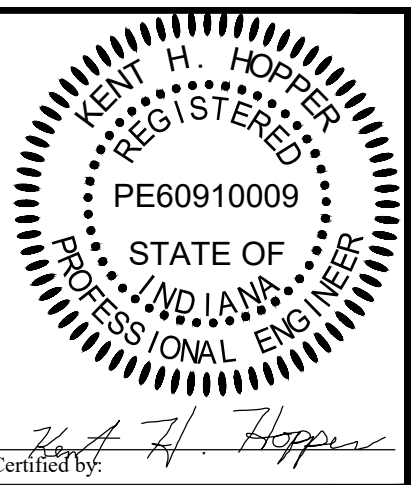
NOTES:

- WHITE ENAMEL FINISH; STEEL CONSTRUCTION.
- PROVIDE DAMPER FOR BALANCING IN AN ACCESSIBLE LOCATION.

EXHAUST FAN SCHEDULE					
MARK	CFM	ESP	VOLTAGE	HP	EQUAL TO:
EF-1	300	.375	120V / 1phase	1/4	GREENHECK BSQ-70-4x-QD BELT-DRIVE

ATTIC HVAC PLAN NOTES:

- PROVIDE COMBUSTION AIR AND VENT FOR FURNACE PER MFR'S INSTALLATION INSTRUCTIONS THROUGH EXISTING ROOF PENETRATION SERVING EXISTING FURNACE. MODIFY AS REQUIRED.
- REMOVE AND DISPOSE OF EXISTING A/C CONDENSING UNIT AND PIPING, WIRING, SUPPORTS ETC. REMOVE AND PROTECT EXISTING FURNACE AND TURN OVER TO OWNER.
- ROUTE CONDENSATE DRAIN PIPING - SIZED AND INSTALLED PER MFR'S INSTRUCTIONS - TO FLOOR DRAIN BEHIND OFFICE RESTROOM 109.
- PROVIDE / INSTALL REFRIGERANT PIPING SIZED PER MFR'S INSTRUCTIONS, TO/FROM FURNACE TO OUTDOOR CONDENSING UNIT.
- REFER TO E-1 AND E-2 FOR ELECTRICAL REQUIREMENTS FOR SPLIT-SYSTEM GAS-FIRED FURNACE / AIR CONDITIONER.
- ROOM 202 Air Conditioning SHALL CONSIST OF: COMPLETE DUCTLESS SPLIT SYSTEM EQUAL TO Mitsubishi MSZ - FH06NA INDOOR UNIT AND MUZ-FH06NA OUTDOOR UNIT HEAT PUMP; MINIMUM 6000 btuh COOLING / 6,400 btuh HEATING AT -13°F OUTSIDE AIR TEMPERATURE; PROVIDE LINE SET; CONDENSATE DRAIN LINE; ELECTRICAL; WALL MOUNTING OF OUTDOOR UNIT ABOVE SNOW-LINE (3 FEET). PROVIDE WALL MOUNTED WIRELESS AUTOMATIC CHANGEOVER THERMOSTAT. UNIT CONTROLS SHALL AUTOMATICALLY RESTART AFTER POWER OUTAGE. PROVIDE LOW AMBIENT COOLING.
- SEE SPECIFICATIONS SECTION 238126 FOR DESCRIPTION OF SPLIT-SYSTEM GAS-FIRED FURNACE / AIR CONDITIONER.



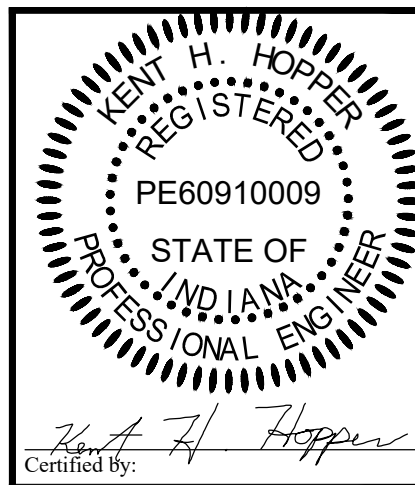
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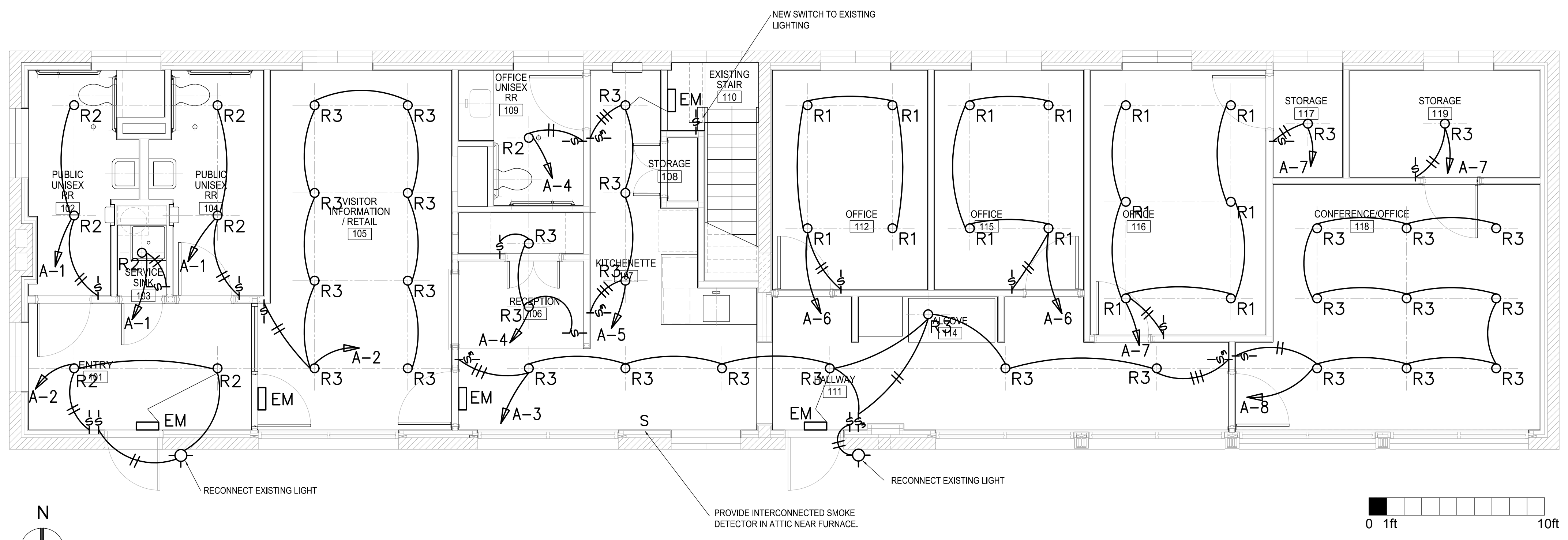


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File Number:	005 - 116
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ELECTRICAL NOTE:
 1. ALL WORK UNDER THIS SECTION SHALL BE PERFORMED BY OR UNDER THE DIRECT SUPERVISION OF A LICENSED ELECTRICIAN.

ELECTRICAL LIGHTING PLAN NOTES

- ALL WIRING IS TO BE INSTALLED IN EMT. CONDUITS SHALL BE CONCEALED IN WALLS AND CEILINGS. NO CONDUIT IS ALLOWED ON ATTIC FLOOR, ABOVE CEILING; FLEXIBLE METAL CONDUIT IS APPROVED WHERE ALLOWED BY NEC.
- WALL SWITCHES SHALL BE LEVITON "DECORA" MODEL / MULTI- TECHNOLOGY WITH SWITCH AND OCCUPANCY SENSOR. DEVICES SHALL UTILIZE PASSIVE INFRARED / ULTRASONIC SENSOR TECHNOLOGY; 180 DEGREE FIELD OF VIEW; UL - LISTED. ALL WALL SWITCHES SHALL BE DIMMER TYPE COMPATIBLE WITH LIGHTING PROVIDED. COLOR SHALL BE APPROVED BY ARCHITECT. SWITCHES SHALL BE "AUTO-ON".
- LIGHTING AND RECEPTACLE CIRCUITS SHALL BE 2 - #12 COPPER WIRING WITH GROUND UNLESS NOTED OTHERWISE.
- REMOVE ALL ABANDONED CONDUIT AND WIRING FROM INTERIOR / EXTERIOR OF BUILDING AND PATCH TO MATCH SURROUNDING AREA(S).



ELECTRICAL LIGHTING PLAN
 1/4" = 1'-0"
 1 E-1

ELECTRICAL SYMBOLS

MARK	DESCRIPTION
	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE (GROUND FAULT CIRCUIT INTERRUPTER)
	DUPLEX RECEPTACLE - WEATHERPROOF (GROUND FAULT CIRCUIT INTERRUPTER)
	SINGLE POLE SWITCH
	THREE - WAY SWITCH
	SWITCH LEG WIRING FOR SINGLE POLE SWITCH
	SWITCH LEG WIRING FOR THREE POLE SWITCH
	FIXTURE WIRING
	ELECTRICAL PANEL
	ELECTRICAL DISCONNECT SWITCH
	SMOKE ALARM, HARDWIRED TO 120V SERVICE WITH BATTERY BACKUP
	(EM) - EMERGENCY EXIT SIGN
	DATA OUTLET WITH 3/4" EMT CONDUIT TO DATA EQUIPMENT ROOM IN ATTIC. PROVIDE FULL STRING.

NEW 200 AMP MAIN

NEW 200 AMP MAIN BRKR.				
LIGHTS 1	IP-20	IP-20	2	LIGHTS
LIGHTS 3	IP-20	IP-20	4	LIGHTS
LIGHTS 5	IP-20	IP-20	6	LIGHTS
LIGHTS 7	IP-20	IP-20	8	LIGHTS
FURNACE 9	2P-50	10		A/C COND.UNIT
WATER HEATER 11	IP-30	12		
EXT GFCI 13	IP-20	IP-20	14	ENTRY GFCI
RR GCI 15	IP-20	IP-20	16	VISITOR INFO
VISITOR INFO 17	IP-20	IP-20	18	RECEPTION
RR GFCI 19	IP-20	IP-20	20	REFRIGERATOR
MICROWAVE 21	IP-20	IP-20	22	KITCHENETTE
HALLWAY 23	IP-20	IP-20	24	OFFICE
OFFICE 25	IP-20	IP-20	26	OFFICE
OFFICE 27	IP-20	IP-20	28	STORAGE
CONFERENCE RM 29	IP-20	IP-20	30	ATTIC
IT CLOSET 31	IP-20	IP-20	32	EXHAUST FAN
EAST ATTIC 33	IP-20	IP-20	34	WEST ATTIC
IT CLOSET COND. UNIT 35	2P-15	IP-15	36	CIRC PUMP CP-1
			37	

NEW ELECTRICAL PANEL-"A"

- (LOCATED OUTSIDE OF OFFICE UNISEX RESTROOM 109)
- PROVIDE LABELING ON CABINET DOOR IDENTIFYING ELECTRICAL PANEL LOCATION AS REQUIRED
 - REMOVE ALL EXISTING DEVICE WIRING AND PROVIDE NEW COPPER WIRE IN SIZES INDICATED AND REQUIRED
 - PROVIDE NEW BREAKER AS REQUIRED
 - PROVIDE NEW CIRCUIT PANEL LABELING
 - SEE SPECIFICATIONS FOR PANEL DETAILS.
 - PROVIDE UL-LISTED SURGE PROTECTION ON INCOMING POWER.
 - RECONNECT EXISTING FEED FROM DISTRIBUTION PANEL AND EMERGENCY GENERATOR BACK-UP.

ELECTRICAL FIXTURE SCHEDULE						
MARK	VENDOR / MODEL #	LAMPS	SIZE	MOUNTING	DESCRIPTION	NOTES
R1	ALPHABET MODEL # N4-RD-XTM19-25LM-39K-89-HE80	25 LM-2000 LUMENS	4" DIA	CEILING/RECESSED	LED AND DRIVER SERVICEABLE FROM BELOW CEILING	1, 2, 5, 6, 7
R2	ALPHABET MODEL # N4-RD-XTM19-15LM-39K-89-HE80	15 LM-1240 LUMENS	4" DIA	CEILING/RECESSED	LED AND DRIVER SERVICEABLE FROM BELOW CEILING	1, 2, 5, 6, 7
R3	ALPHABET MODEL # N4-RD-XTM19-20LM-39K-89-HE80	20 LM-1527 LUMENS	4" DIA	CEILING/RECESSED	LED AND DRIVER SERVICEABLE FROM BELOW CEILING	1, 2, 5, 6, 7
WH-1	LOCHINVAR JRC010FS	120V, 2500 W	25 1/4" x 18" DIA	FRAME/SHELF	WATER HEATER	1, 8
EM	LITHONIA EDGR BATTERY BACKUP EXIT SIGN	RED LETTERS	19-5/8" L 11-1/8" H	CEILING	PROVIDE BATTERY AND STANDARD WARRANTY	1, 9
S	X-SENSE WIRELESS INTERCONNECTED SMOKE DETECTORS OR EQUAL	NONE	55"X1.75"	CEILING	PROVIDE BATTERY	4

FIXTURE SCHEDULE NOTES :

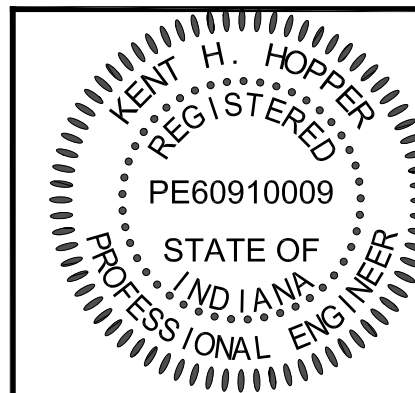
- ALL FIXTURES SHALL BE 120 VOLTS
- ALL LIGHTS SHALL BE INSTALLED WITH LED BULBS/BATTERIES
- MOUNT TO INSURE HEADROOM CLEARANCE RECESS AS NEEDED
- AS HARD-WIRED SMOKE ALARM WITH BATTERY BACKUP. UNIT IN ATTIC AND UNIT IN OFFICE SHALL TO ALARM SIMULTANEOUSLY.
- FIXTURES SHALL BE DESIGNED FOR INSTALLATION IN HARD CEILING. ALL MAINTENANCE SHALL BE PERFORMED THRU THE FRONT.
- ONE FIXTURE PER ROOM SHALL BE EQUIPPED WITH BATTERY BACKUP, 90 MINUTES MINIMUM.
- FOR OFFICE AREAS SUBMIT DOCUMENTATION SHOWING THAT THE LIGHTING PROVIDES A MINIMUM 40 FC. UNIFORMLY DISTRIBUTED LIGHTING LEVEL, 30" ABOVE FINISHED FLOOR.
- 19 GALLON CAPACITY (NOM); 11 gph @ 30 DEGREES F. RISE

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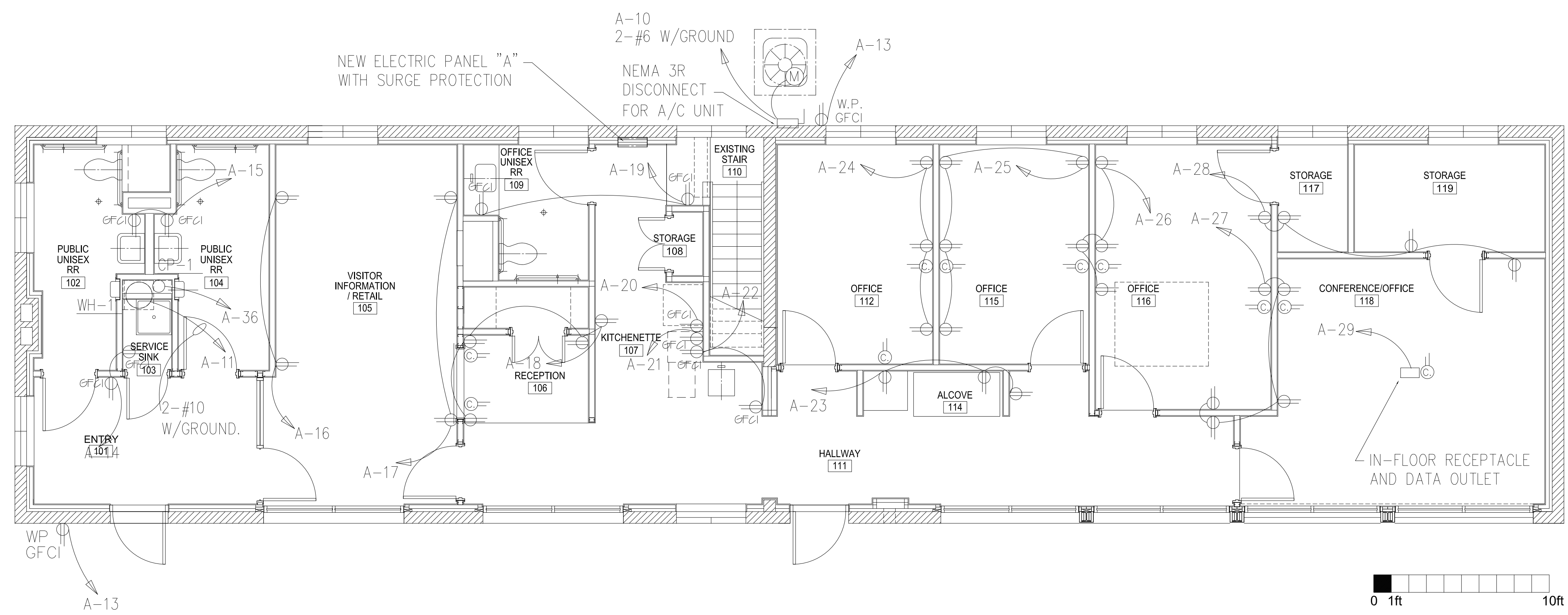


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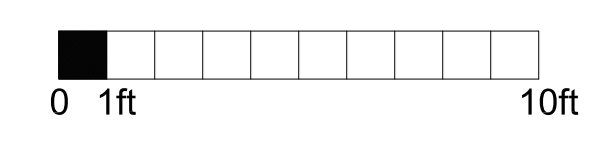


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ELECTRICAL RECEPTACLE PLAN NOTES:

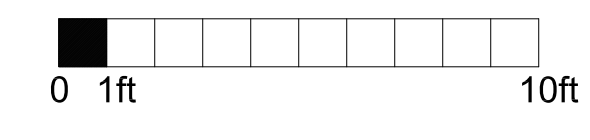
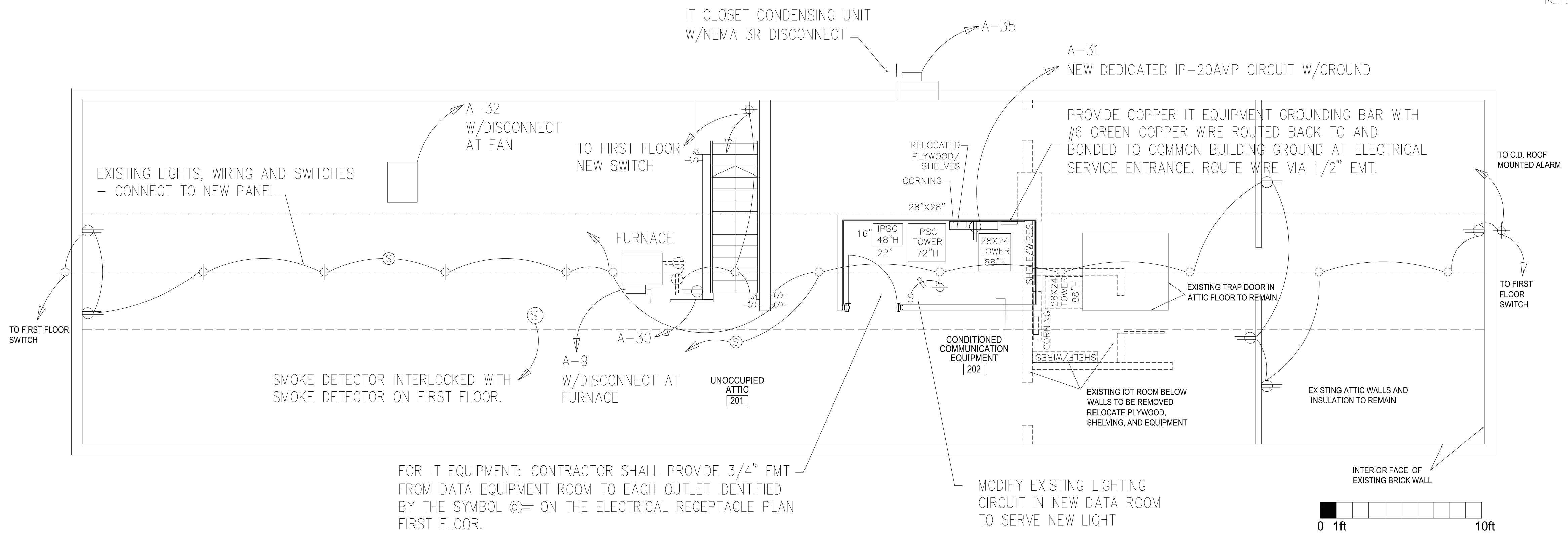
1. ALL WIRING IS TO BE INSTALLED IN EMT. CONDUITS SHALL BE CONCEALED IN WALLS AND CEILINGS. NO CONDUIT IS ALLOWED ON ATTIC FLOOR.
2. RECEPTACLES IN WALLS SHALL BE IP-20 AMP 120 VOLTS / SINGLE PHASE, DUPLEX, MANUFACTURED BY LEVITON OR APPROVED EQUAL. COLOR SHALL BE APPROVED BY ARCHITECT.
3. FLOOR RECEPTACLE AND DATA OUTLET IN CONFERENCE ROOM SHALL BE RECESSED-MOUNTED LEGRAND RFB-2 OR EQUAL.
4. LIGHTING AND RECEPTACLE CIRCUITS SHALL BE 2-#12 COPPER WIRING WITH GROUND UNLESS NOTED OTHERWISE.
5. EXTERIOR RECEPTACLES SHALL BE SURFACE MOUNTED WITH CONDUIT PAINTED TO MATCH BUILDING.



ELECTRICAL RECEPTACLE PLAN FIRST FLOOR
 1/4" = 1'-0" 1
E-2

SEQUENCE OF WORK:

REFERENCE SECTION 010100 FOR ADDITIONAL INFORMATION.



ELECTRICAL RECEPTACLE & LIGHTING PLAN - ATTIC
 1/4" = 1'-0" 2
E-2

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