

NOT FOR BID

This drawing is intended for preliminary budgeting only. Do not use when presenting a bid.

Assumptions:

- No site visit survey.
- Union labor only.
- Closed remodel.
- Regular shift.
- Include allowance for winter conditions.
- Do not contact the bank.
- All questions should be directed to Mark Palmquist
612-345-2582
mark.palmquist@cbre.com.

OLD NATIONAL BANK

PLYMOUTH

3950 VINEWOOD LANE
PLYMOUTH, MN 55441

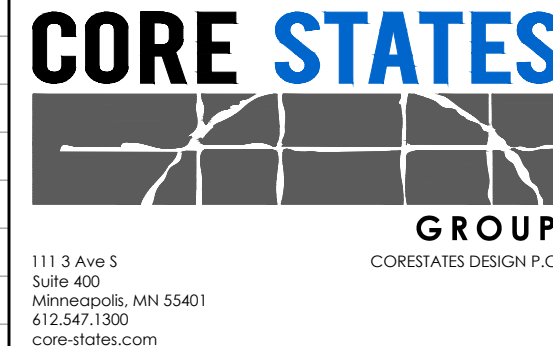
100% REVIEW - 10/22/2021

DRAWINGS LIST

W/ REVISION ●
W/O REVISION ○

ISSUE	10/22/2021	100% SET REVIEW
GENERAL		
G-001	COVER SHEET	○
G-002	GENERAL NOTES, DRAWINGS CONVENTIONS, & ABBREVIATIONS	○
G-003	ACCESSIBILITY DETAILS	○
G-004	RESPONSIBILITY MATRIX	○
G-100	LIFE SAFETY & ACCESSIBILITY PLAN	○
DEMOLITION		
D-100	DEMOLITION FLOOR PLAN	○
D-121	DEMOLITION REFLECTED CEILING PLAN	○
D-200	DEMOLITION ELEVATIONS- SOUTH AND EAST	○
D-201	DEMOLITION ELEVATIONS- NORTH AND WEST	○
ARCHITECTURAL		
A-001	ARCHITECTURAL SITE PLAN	○
A-100	CONSTRUCTION FLOOR PLAN	○
A-121	REFLECTED CEILING PLAN	○
A-131	FINISH FLOOR PLAN	○
A-141	FURNITURE AND EQUIPMENT PLAN	○
A-200	EXTERIOR ELEVATIONS- SOUTH AND EAST	○
A-201	EXTERIOR ELEVATIONS- NORTH AND WEST	○
A-300	BUILDING SECTIONS & PARTITION TYPES	○
A-301	WALL SECTION AND DETAILS	○
A-400	INTERIOR ELEVATIONS (FRONT OF HOUSE)	○
A-401	ENLARGED PLANS & ELEVATIONS-RESTROOM & BREAKROOM	○
A-402	ENLARGED PLANS & ELEVATIONS-TELLER/CASHROOM/WORKROOM	○
A-511	DETAILS	○
A-521	CEILING DETAILS	○
A-531	MILLWORK DETAILS	○
A-600	DOOR TYPES, HARDWARE, & SCHEDULES	○
A-610	SPECIFICATIONS	○
A-611	SPECIFICATIONS	○
STRUCTURAL		
S-001	STRUCTURAL GENERAL NOTES	○
S-100	SLAB TRENCHING AND WALL INFILL PLAN	○
MECHANICAL		
M-001	MECHANICAL GENERAL NOTES AND SCHEDULES	○
M-100	MECHANICAL FLOOR PLAN	○
PLUMBING		
P-001	PLUMBING ABBREVIATION, LEGENDS & NOTES	○
P-100	PLUMBING SANITARY & VENT PLAN	○
P-101	PLUMBING DOMESTIC WATER PLAN	○
ELECTRICAL		
E-000	LEGEND, ABBREVIATIONS AND NOTES	○
E-100	POWER/DATA PLAN	○
E-200	LIGHTING PLAN	○
E-300	PANEL SCHEDULES	○
FIRE SPRINKLER		
FS-01	FIRE SPRINKLER GENERAL NOTES	○
FS-10	FIRE SPRINKLER OVERALL PLAN	○

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PLYMOUTH
3950 VINEWOOD LANE
PLYMOUTH, MN 55441



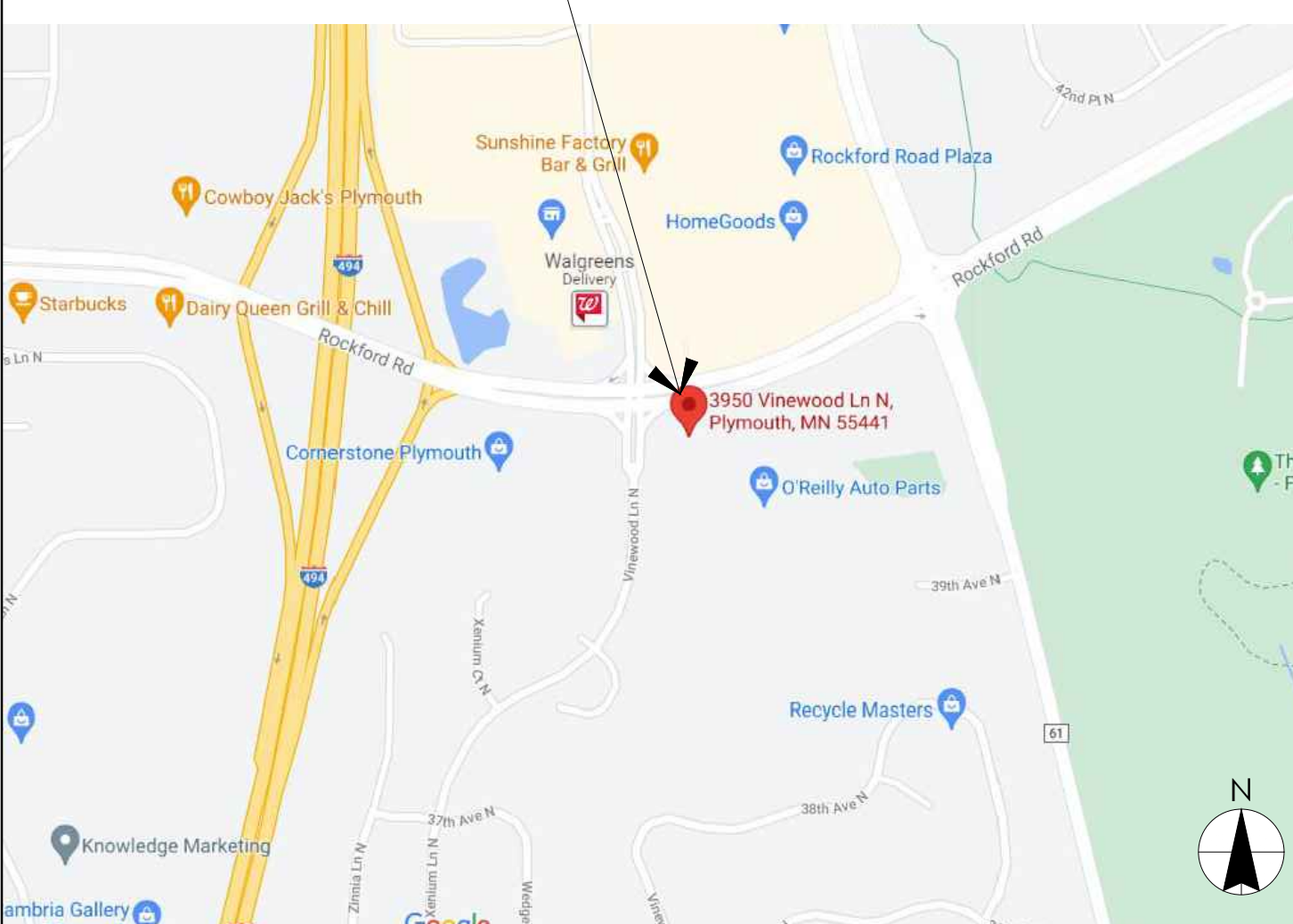
1113 Ave S
Suite 400
Minneapolis, MN 55401
612.547.1300
core-states.com

ARCHITECT OF RECORD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of Minnesota.
Signature: Patrick Blees
Date: _____
Registration No: 18079

SITE MAP

BUILDING LOCATION



PROJECT DIRECTORY

OWNER
OLD NATIONAL BANK
1422 S. WINTER ST.
ADRIAN, MI 49221
PHONE: 517.366.4214
CONTACT: DAWN KANGAS
EMAIL: dawn.kangas@oldnational.com

PROJECT MANAGER
CBRE
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MINNEAPOLIS, MN 55402
PHONE: 612.345.2582
CONTACT: MARK PALMQUIST
EMAIL: mark.palmquist@cbre.com

PROJECT CONTACT
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1900 SOUTH BLVD., SUITE 225
CHARLOTTE, NC 28203
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CONTACT: VIRGINIA ALVAREZ
EMAIL: valvarez@core-states.com

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AMBLER, PA 19002
PHONE: 215.809.2125
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EMAIL: dbalma@core-states.com

MECHANICAL ENGINEER
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1700 INDUSTRIAL DRIVE, STE B
ROGERS, AR 72756
PHONE: 479.986.4400
CONTACT: DAVID LEIFFER
EMAIL: dleiffer@core-states.com

ELECTRICAL ENGINEER
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1700 INDUSTRIAL DRIVE, STE B
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CONTACT: JOHN FERGUSON
EMAIL: jferguson@core-states.com

FIRE SPRINKLER ENGINEER
CORE STATES INC.
1700 INDUSTRIAL DRIVE, STE B
ROGERS, AR 72756
PHONE: 479.986.4400
CONTACT: CLINT ORR
EMAIL: corr@core-states.com

PROJECT DESCRIPTION

INTERIOR REMODELING OF A RETAIL COMMERCIAL BANKING CENTER. THE SCOPE INCLUDES ARCHITECTURE, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL.

CODE SUMMARY

APPLICABLE CODES

- 2020 MINNESOTA BUILDING CODE
- 2020 MINNESOTA CONSERVATION CODE FOR EXISTING BUILDINGS
- 2020 MINNESOTA ENERGY CODE
- 2020 MINNESOTA FIRE CODE
- 2015 MINNESOTA PLUMBING CODE
- 2020 MINNESOTA MECHANICAL AND FUEL GAS CODE
- 2020 MINNESOTA ELECTRICAL CODE
- 2020 MINNESOTA ACCESSIBILITY CODE

BUILDING DATA

DESCRIPTION		BUSINESS GROUP B	
USE GROUP:		ALTERATION	
CLASSIFICATION OF WORK:		2,947 SQ. FT.	
GROSS BUILDING AREA:		TYPE III-B	
CONSTRUCTION TYPE:		EXISTING/ PROPOSED	
BUILDING HEIGHT & AREA:	REQUIRED/ ALLOWED		
HEIGHT	75'-0"	-	
AREA	76,000 SQ. FT.	2,947 SQ. FT.	
STORIES	4	1 (EXISTING)	
FIRE ALARM	YES	YES (EXISTING)	
SPRINKLER SYSTEM:	NO	YES (EXISTING)	

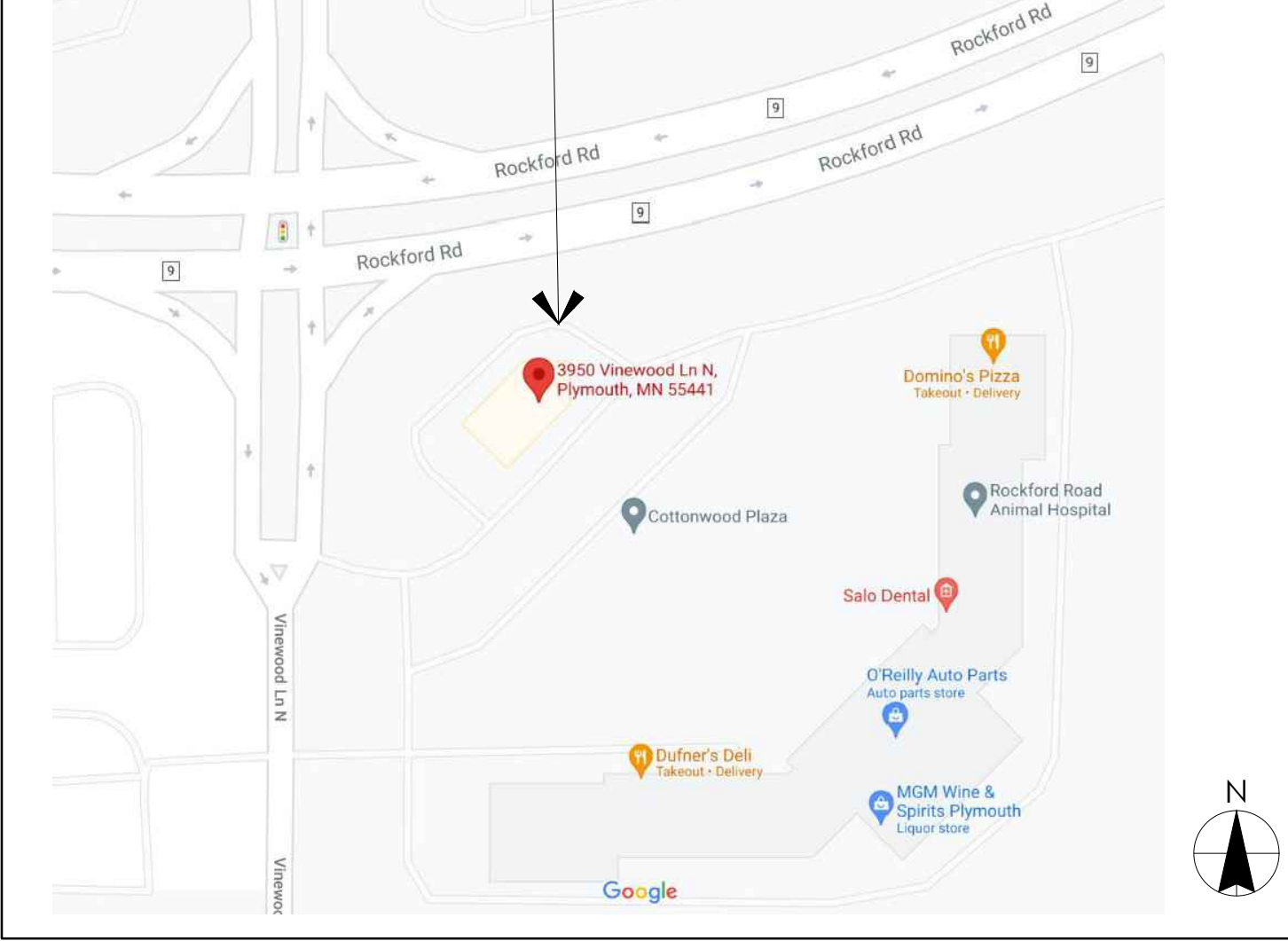
OCCUPANCY & PLUMBING FIXTURE CALCULATIONS

	SQ FT	SQ FT/OCC	OCCUPANTS	PLUMBING:		
			FOR EGRESS	# OF EMPLOYEES		
GROSS TENANT LEASE SPACE	2,947 SF					
PUBLIC- B- BUSINESS	2,947					
ACCESSORY						
MECHANICAL/IT ROOM	104	300	1			
BUSINESS						
BANKING AREA	2,843	150	19			
TOTAL OCCUPANTS			20	20		
PLUMBING FIXTURES	WATER CLOSETS		URINALS	LAVATORIES	DRINKING FOUNTAINS	
	W	M	UNISEX	W		M
OCCUPANCY	# OF EMP.	M/W				
			(B): 1 per 25: add 1	(B): 1 per 40: add 1	(B): 1 per 40: add 1	(B): 1 per 100
			1per 50 after 51: add 1	41-80: add 1	41-80: add 1	
B BUSINESS	20	10	1	1	0	0
TOTAL	20	243	0	0	0	0
FIXTURES REQUIRED	1	1	0	1	1	0
FIXTURES PROVIDED	0	0	1	0	0	1

-PER SECTION-2902.2 EX. 2: OF MN 2020 BUILDING CODE FOR OCCUPANCIES OF LESS THAN 30 ONE UNISEX BATHROOM CAN BE PROVIDED

LOCATION MAP

BUILDING LOCATION



20% SPEND

- DOOR CLOSERS
- RETROFIT TO A UNISEX RESTROOM

SEPARATE SUBMITTALS

- GC SHALL OBTAIN PERMITS LISTED BELOW PRIOR TO INSTALLATION PER LOCAL JURISDICTION REQUIREMENTS.
- FIRE ALARM SYSTEM
 - FIRE SUPPRESSION SYSTEM
 - SIGN PACKAGE

ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION

PROJECT NO: ONB.32396
DATE: 05.18.2021
SCALE: AS NOTED
DRAWN BY: D.ALVAREZ
CHECKED BY: V.ALVAREZ

SHEET TITLE

COVER SHEET

SHEET NUMBER

G-001

P:\Old National Bank\Plymouth, MN (444)_3950 Vinewood Ln - N - ONB_32396_Design\Bldg\Architecture\G-001_Plymouth MN_CNS_Cover Sheet.dwg
Thursday, October 21, 2021 6:25:46 AM

SYMBOLS LEGEND

Table with 2 columns: Symbol/Callout and Description. Includes ELEVATION/LEVEL INDICATOR, DETAIL ELEVATION CALLOUT, SECTION, ELEVATION & DETAILS, COLUMN GRID, REVISION DELTA, WALL TAGS, PARTITION TYPES, DOOR TAGS, DETAIL CALLOUTS, STANDARD KEYNOTE, MISC. ACCESSORY, WINDOW TAGS, FINISH TAGS, SPECIFICATION KEYNOTE, ROOM NAMES, NOTES, BOXED NOTES, TEXT, LEADERS, BREAKLINE, DRAWING TITLE (STANDARD), DRAWING TITLE (ALTERNATE), and GENERIC TITLE.

DRAWING LABEL 1 SCALE: 1'-0" = 1'-0"

IMAGE OR DRAWING ABOVE DRAWING LABEL SCALE 1'-0" = 1'-0" 1

GENERIC LABEL ENTER NOTE IMAGE OR TEXT BELOW

MATERIALS LEGEND

Table with 3 columns: Material Name, Pattern, and Description. Includes STEEL & OTHER METALS, WOOD FRAMING, CONCRETE, STONE, GROUT, PLYWOOD, FINISH LUMBER, WOOD FLOORING, SEALANT, BACKER, INSULATION, BATT, RIGID INSULATION, and EARTH, COMPACT FILL.

ABBREVIATIONS LIST

Table with 4 columns: Abbreviation, Full Name, Abbreviation, Full Name. Lists various construction terms like AT (AIR CONDITIONING), JAN (JANITOR), MAT (MATERIAL), etc.

GENERAL NOTES

- CONSTRUCTION DOCUMENTS: THE CONSTRUCTION CONTRACT INCLUDES THE EXECUTED, SIGNED AGREEMENT BETWEEN THE OWNER AND THE CONTRACTOR... GENERAL DEMOLITION: DEMOLITION CONTRACTOR TO COORDINATE & REVIEW ALL CONSTRUCTION DOCUMENTS... GENERAL EXECUTION OF THE WORK: JUST BEFORE OWNER OCCUPANCY, CLEAN ALL SURFACES INCLUDING FIXTURES AND EQUIPMENT FOR THE OWNERS USE AND OPERATION...

CONCRETE CONSTRUCTION NOTES

- ALL STRUCTURAL ITEMS FOR THIS PROJECT HAVE BEEN DESIGNED IN ACCORDANCE WITH APPROPRIATE PROVISIONS OF EACH OF THE FOLLOWING CODES WITH THE MOST RECENT VERSIONS LISTED IN THE STATE BUILDING CODE: A. THE STATE BUILDING CODE LISTED IN THE "DESIGN AND LOADING" SECTION BELOW. B. ACI STANDARD 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE. C. BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530/ASCE 5/TMS 402). D. ASCE SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS' THIRTEENTH EDITION. E. AMERICAN FOREST AND PAPER ASSOCIATION, NATIONAL DESIGN SPECIFICATION 2012 EDITION. F. ASCE 7-10 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES".

OLD NATIONAL BANK PLYMOUTH 3950 VINEWOOD LANE PLYMOUTH, MN 55441 CORE STATES GROUP CONCRETES DESIGN P.C. ARCHITECT OF RECORD: I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of Minnesota. SIGNATURE: _____ DATE: _____

Table with 3 columns: ISSUE, DATE, DESCRIPTION. Includes PROJECT INFORMATION: PROJECT NO: ONB.32394, DATE: 05.18.2021, SCALE: AS NOTED, DRAWN BY: D.WHITEHOUSE, CHECKED BY: V.ALVAREZ. SHEET TITLE: GENERAL NOTES, DRAWING CONVENTIONS, & ABBREVIATIONS. SHEET NUMBER: G-002

NOT FOR BID

21 TURNING SPACE
SCALE: NOT TO SCALE

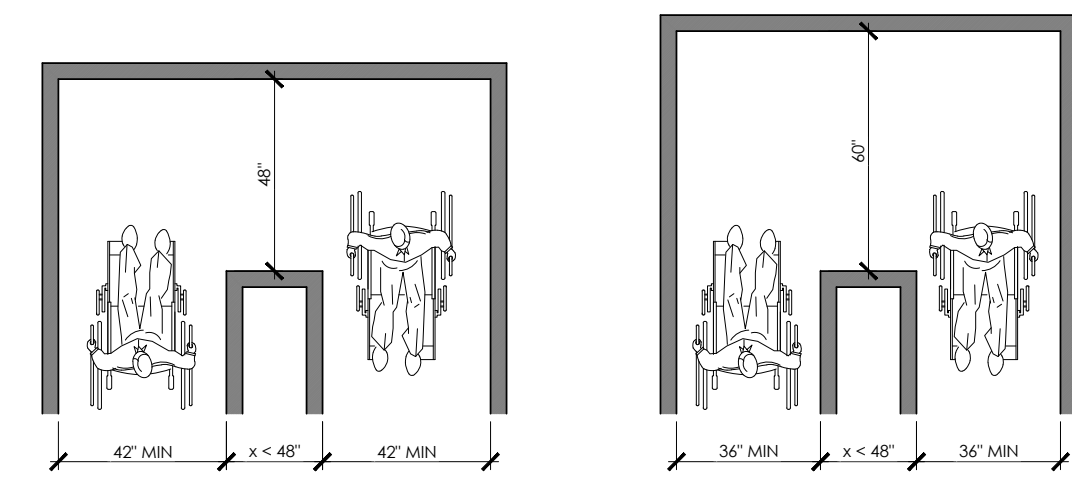


FIG. 403.5.1 CLEAR WIDTH AT 180° TURN



(a) CIRCULAR



(b) T-SHAPED

15 HANDRAIL CLEARANCE
SCALE: NOT TO SCALE

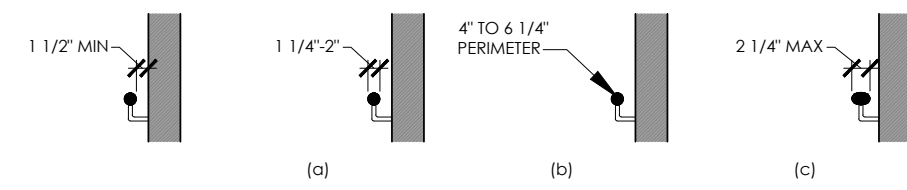
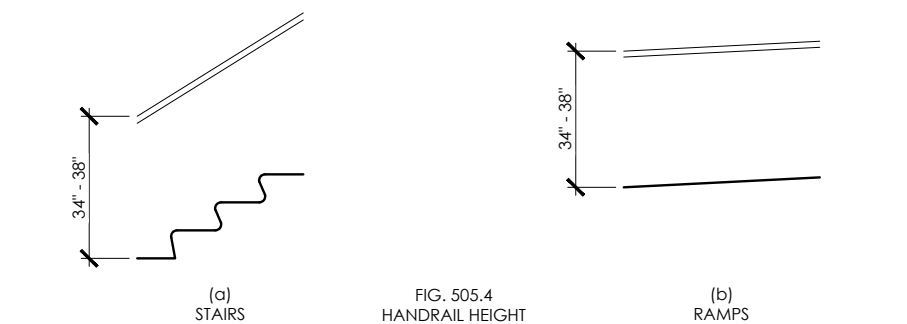


FIG. 505.5 HANDRAIL CLEARANCE

FIG. 505.7 HANDRAIL CROSS SECTION

14 HANDRAILS
SCALE: NOT TO SCALE



(a) STAIRS

(b) RAMPS

20 MINIMUM CLEAR FLOOR SPACE
SCALE: NOT TO SCALE

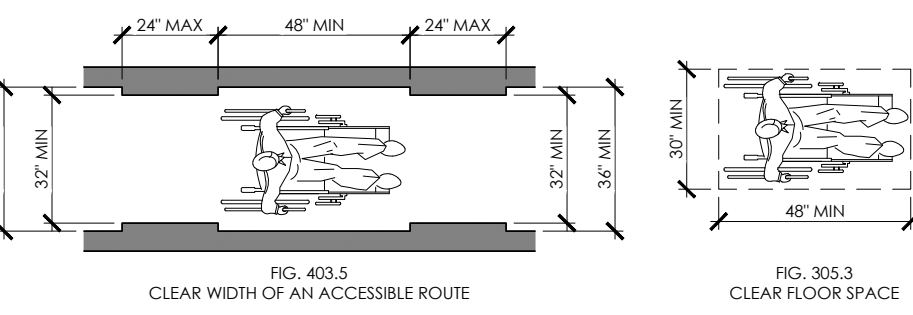


FIG. 403.5 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

FIG. 305.3 CLEAR FLOOR SPACE

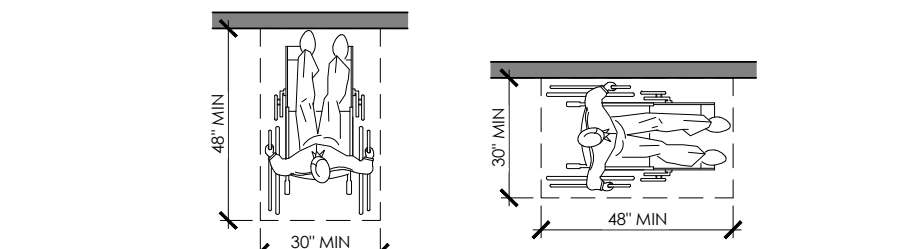
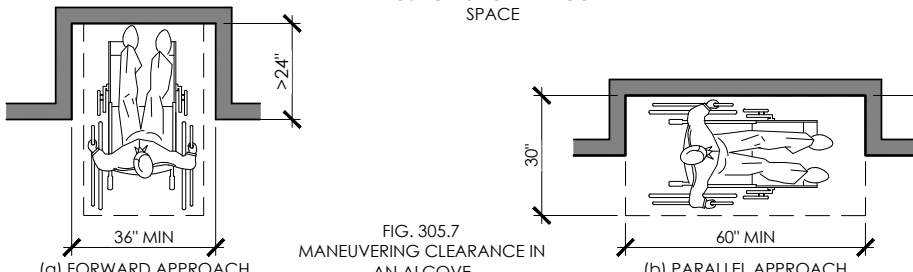
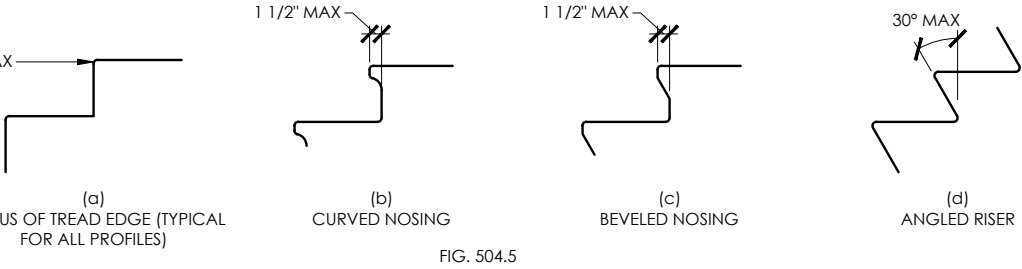


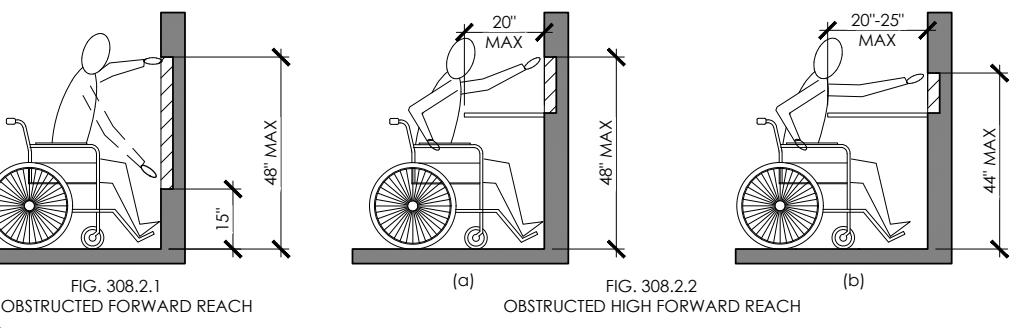
FIGURE 305.5 POSITION OF CLEAR FLOOR SPACE



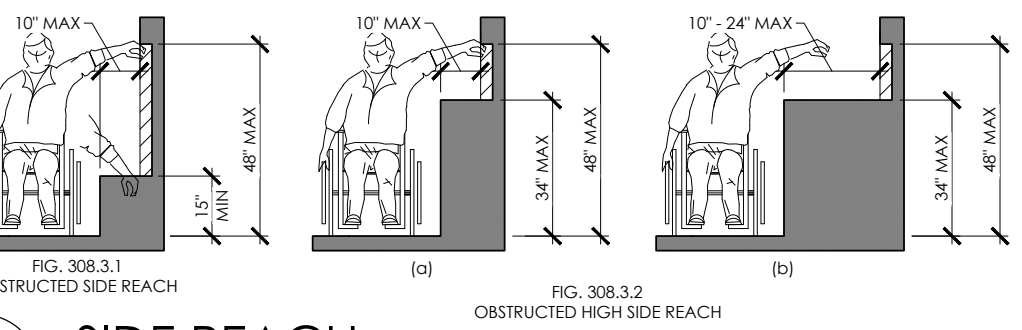
19 TREAD WIDTH/ NOSINGS
SCALE: NOT TO SCALE



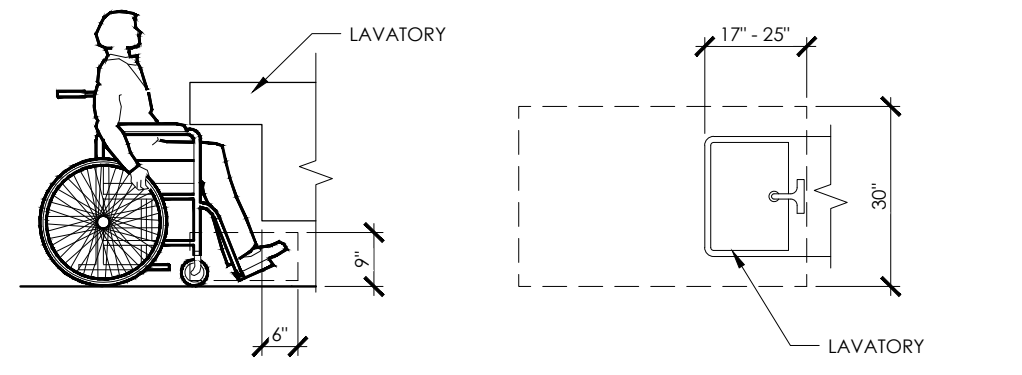
18 FORWARD REACH
SCALE: NOT TO SCALE



17 SIDE REACH
SCALE: NOT TO SCALE



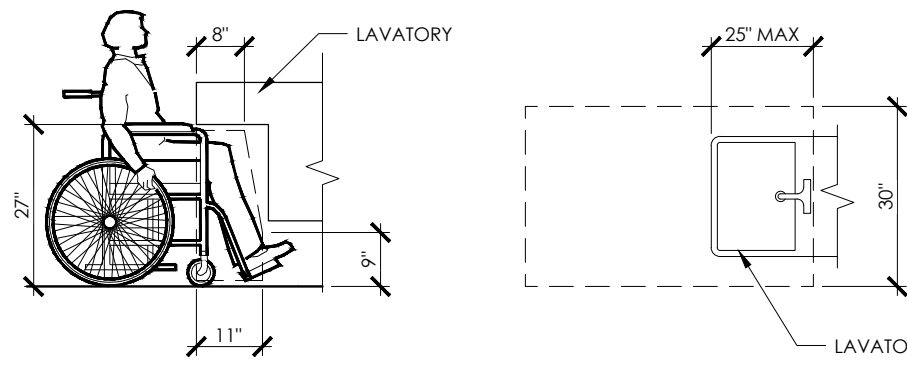
16 LAVATORY KNEE & TOE CLEARANCES
SCALE: NOT TO SCALE



(a) ELEVATION

(b) PLAN

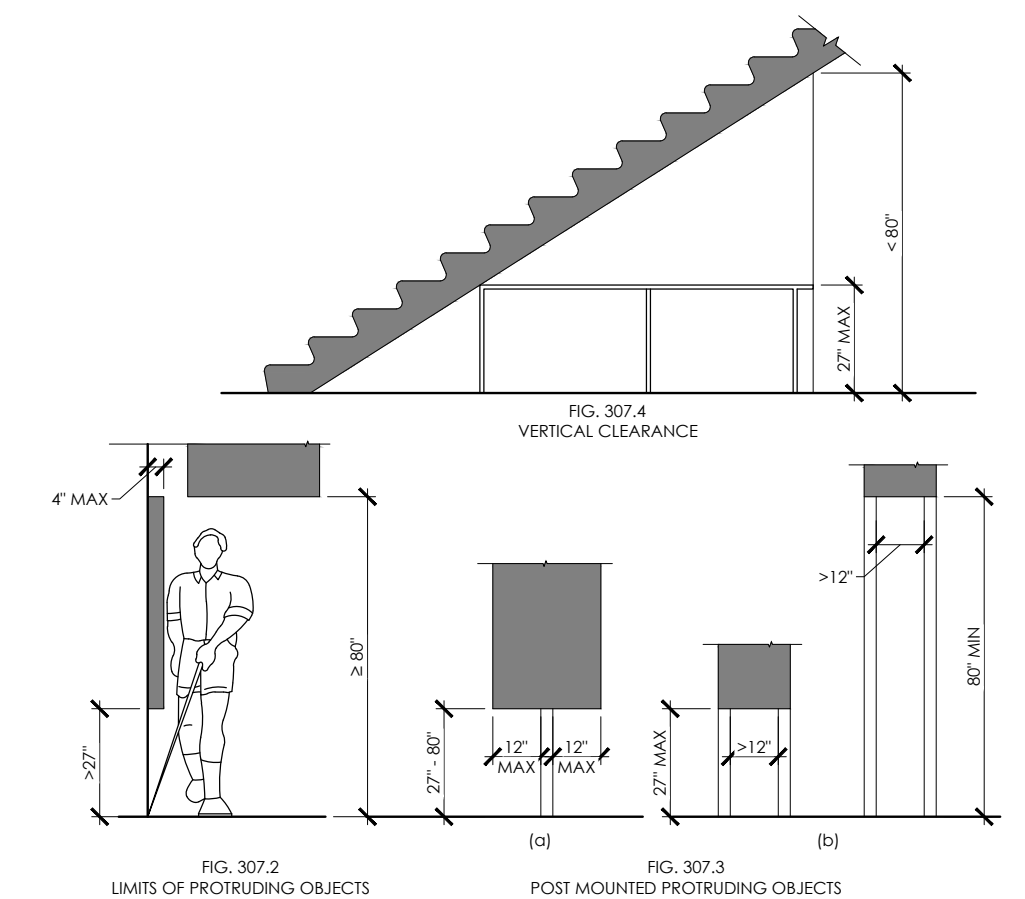
13 HANDRAILS
SCALE: NOT TO SCALE



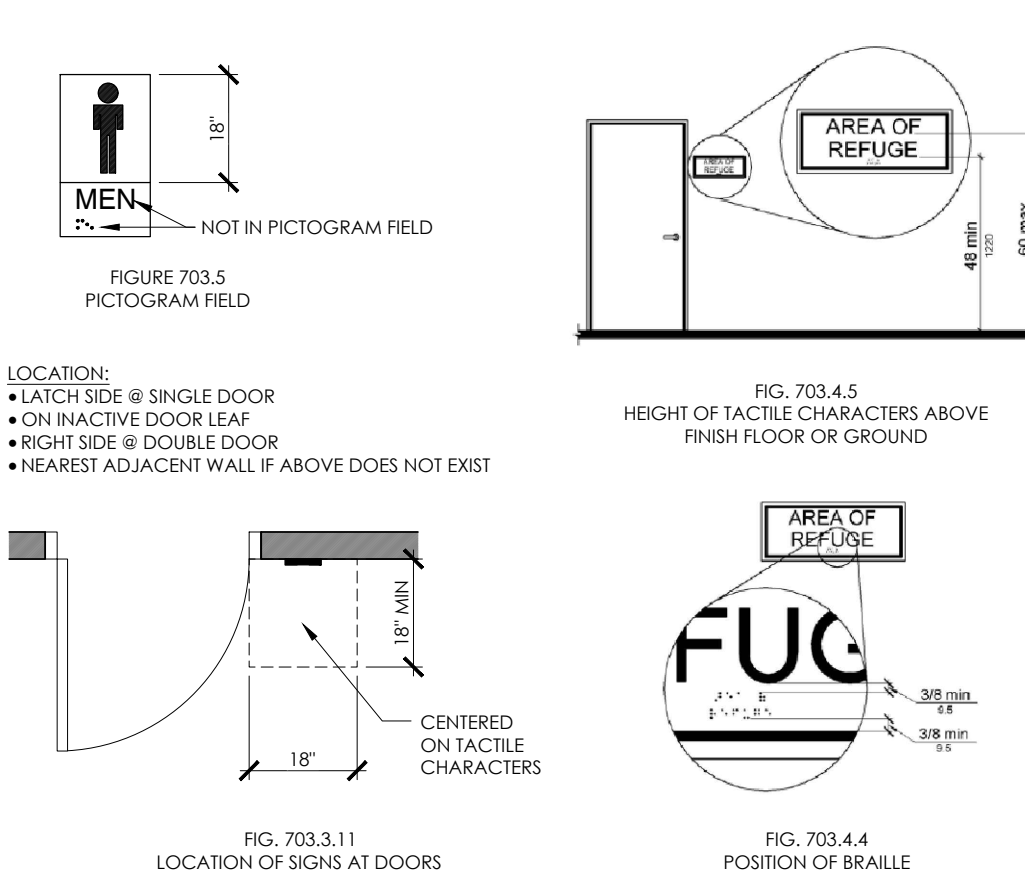
(a) ELEVATION

(b) PLAN

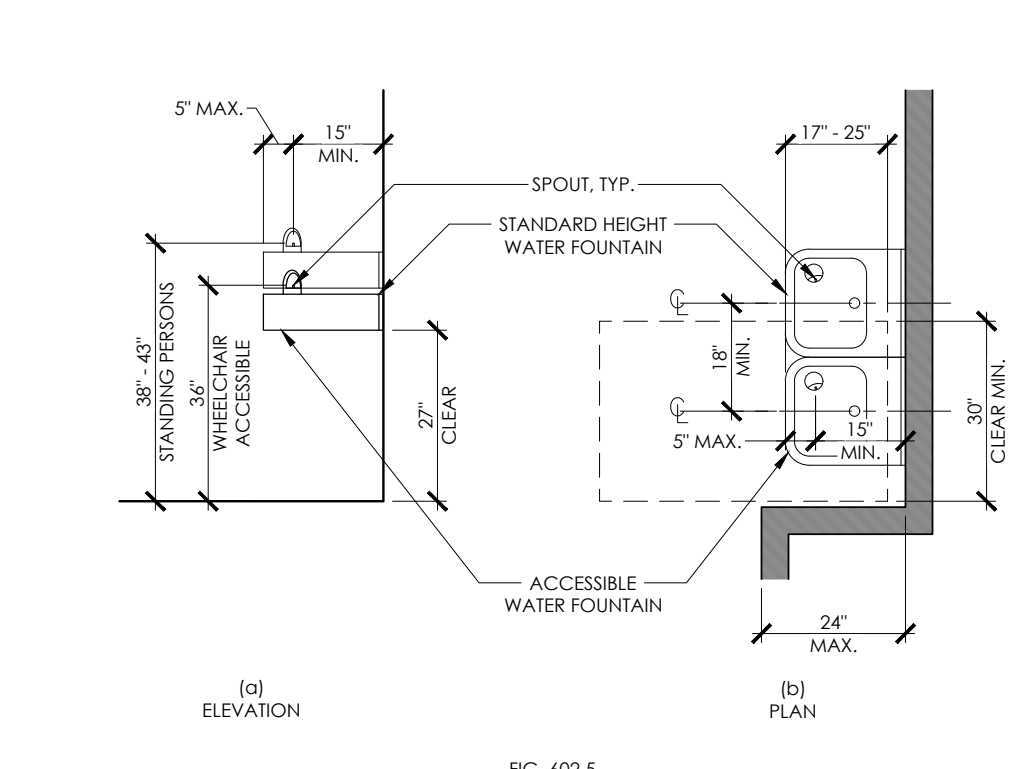
12 NOT USED
SCALE: NOT TO SCALE



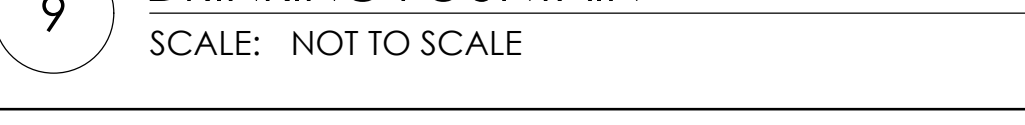
11 PROTRUDING OBJECTS
SCALE: NOT TO SCALE



10 TACTILE SIGNS
SCALE: NOT TO SCALE

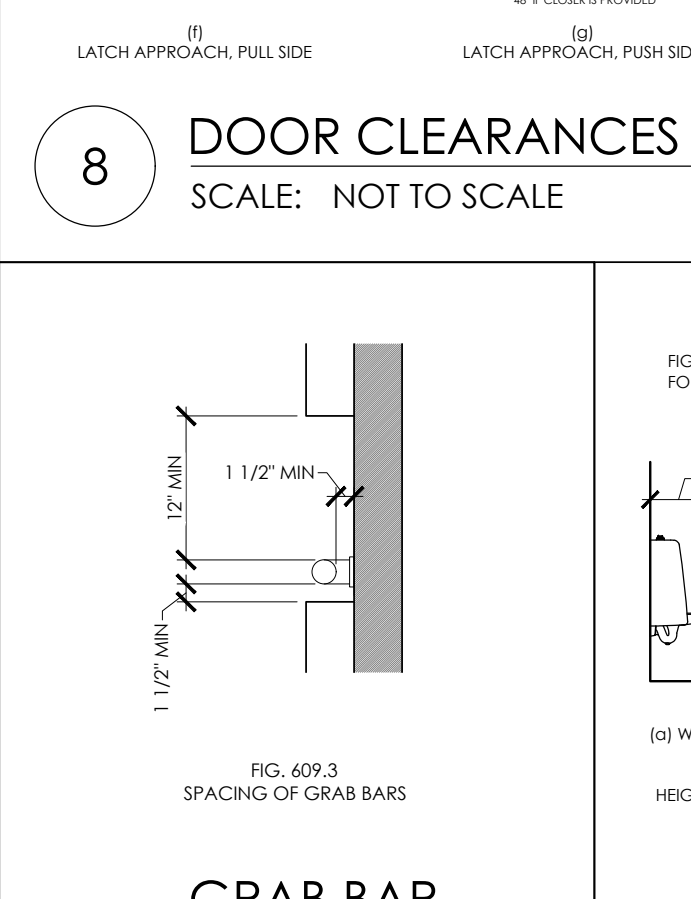


9 DRINKING FOUNTAIN
SCALE: NOT TO SCALE

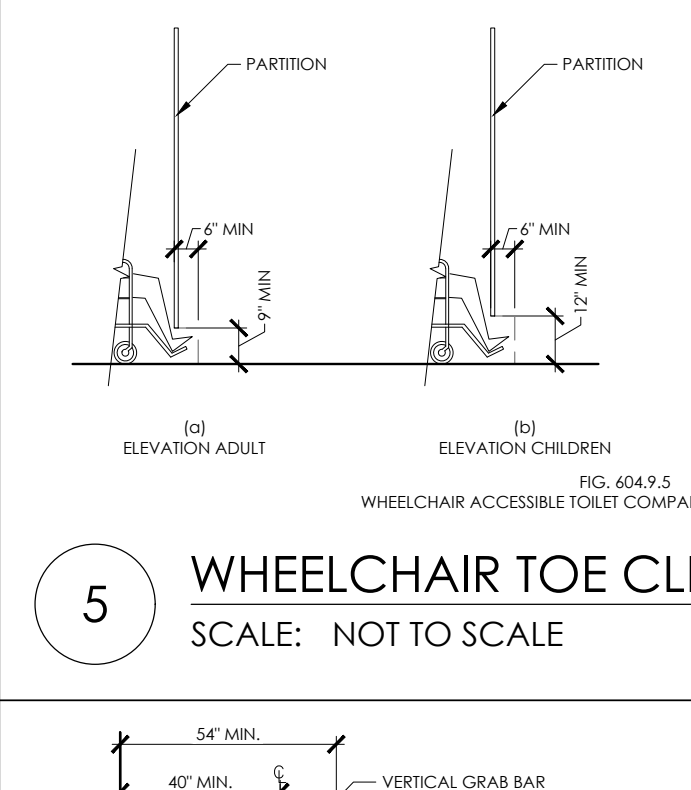


8 DOOR CLEARANCES
SCALE: NOT TO SCALE

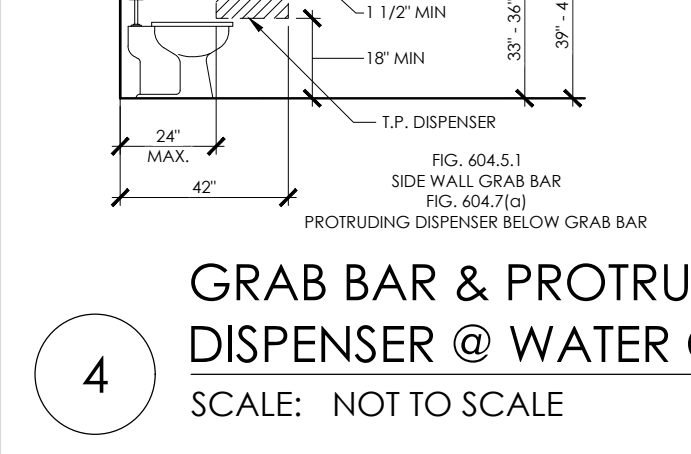
7 GRAB BAR SPACING
SCALE: NTS



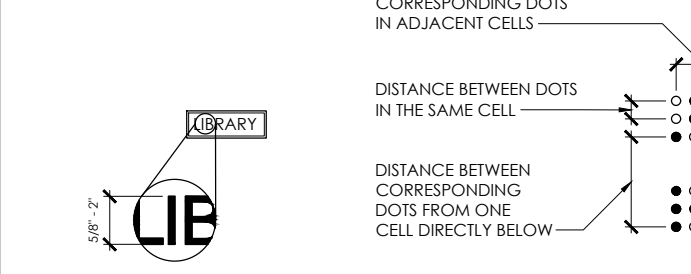
6 URINAL HEIGHT & CLEARANCE
SCALE: NTS



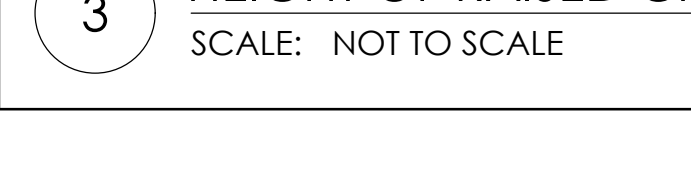
5 WHEELCHAIR TOE CLEARANCE
SCALE: NOT TO SCALE



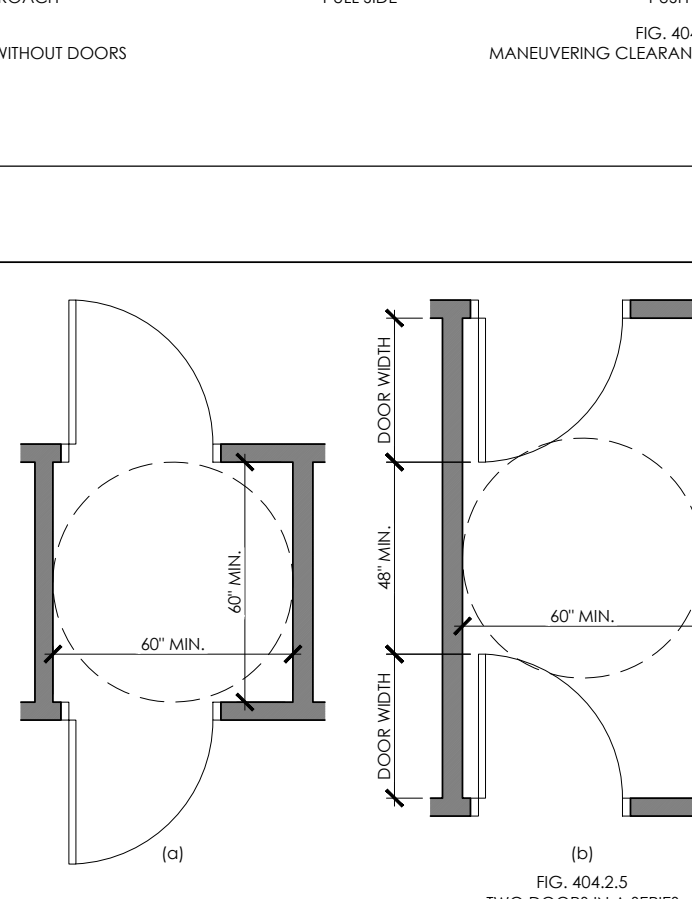
4 GRAB BAR & PROTRUDING DISPENSER @ WATER CLOSET
SCALE: NOT TO SCALE



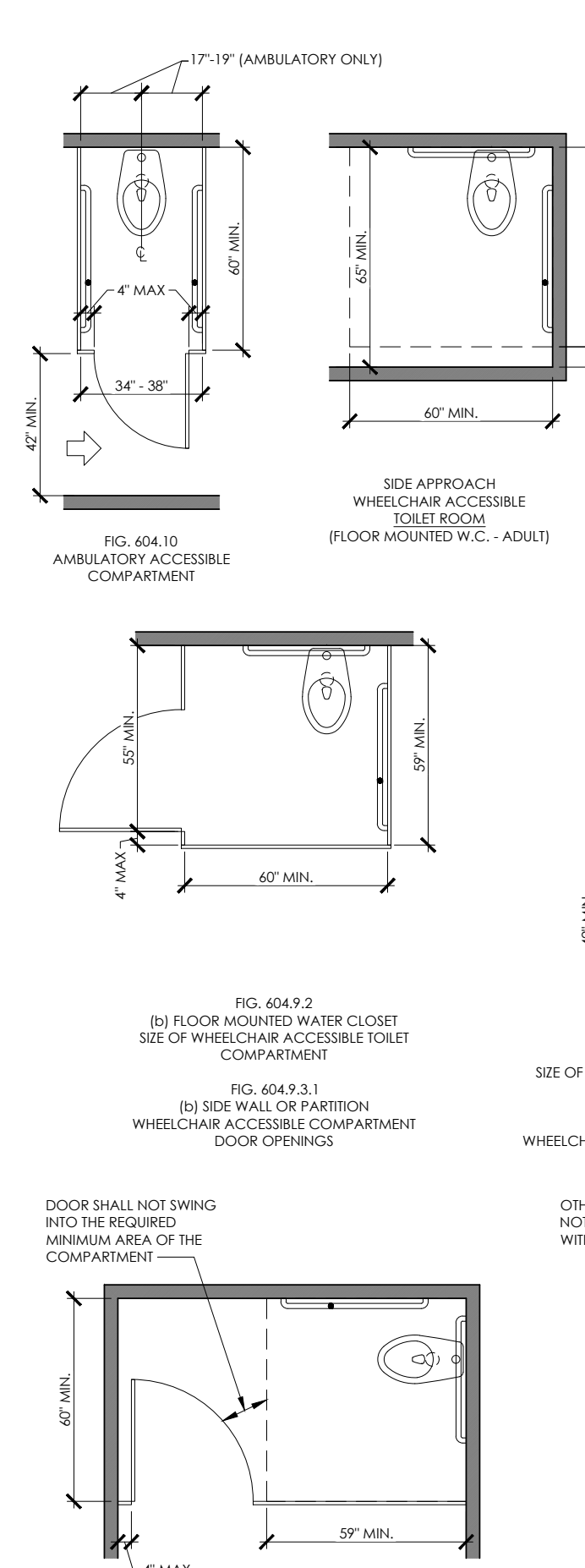
3 HEIGHT OF RAISED CHARACTERS
SCALE: NOT TO SCALE



2 DOORS IN A SERIES
SCALE: NOT TO SCALE



1 WATER CLOSET & TOILET COMPARTMENT
SCALE: NOT TO SCALE



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CORE STATES GROUP
CORE STATES DESIGN P.C.
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Suite 400
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612.547.1300
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ARCHITECT OF RECORD
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the state of Minnesota.
Signature: _____
Date: _____
Registration No: 18079

ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION
PROJECT NO: ONB.32396
DATE: 05.18.2021
SCALE: AS NOTED
DRAWN BY: D.WHITEHOUSE
CHECKED BY: V.ALVAZ

SHEET TITLE
ACCESSIBILITY DETAILS

SHEET NUMBER
G-003

NOT FOR BID

LIFE SAFETY/ ACCESSIBILITY NOTES

WHILE IT IS THE INTENT OF THE ARCHITECT, HIS/HER EMPLOYEES, AND ASSIGNS TO ADHERE TO ALL ASPECTS AND REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL ACCESSIBILITY CODES, THE CONTRACTOR SHALL NOT BE RELIEVED OF SOLE RESPONSIBILITY TO VERIFY ALL REQUIREMENTS OF SAID ACTS AS PERTAINING TO CONTRACT DOCUMENT CONTAINED HEREIN PRIOR TO COMMENCEMENT OF ANY WORK.

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO IMMEDIATELY NOTIFY THE ARCHITECT OF POSSIBLE DISCREPANCIES & TO PAY SPECIAL ATTENTION TO ITEMS LISTED BELOW:

- A. REFER TO COVER SHEET FOR CODE SUMMARY & BUILDING DATA.
- B. REFER TO ARCHITECTURAL FLOOR PLANS FOR BUILDING DIMENSIONS.
- C. REQUIRED ACCESSIBLE PARKING AREAS, CURBS, CROSSWALKS, SIGNS, ETC., SHALL COMPLY WITH CURRENT STATE AND LOCAL CODES.
- D. TACTILE EXIT SIGNS SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS:
 - D.1. EACH GRADE LEVEL EXTERIOR DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT".
 - D.2. EACH EXIT, EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE".
- A. THE BOTTOM 10" OF ALL DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST.
- B. NO THRESHOLD SHALL EXCEED 1/2" IN HEIGHT.
- C. HAND-OPERATED DOOR OPENING HARDWARE SHALL NOT REQUIRE TIGHT GRASPING OR TWISTING OF THE WRIST IN ORDER TO OPERATE, AND SHALL BE MOUNTED NO HIGHER THAN 48" A.F.F.
- D. MAXIMUM FORCE REQUIRED TO OPEN EXTERIOR DOORS SHALL NOT EXCEED 5 LBS, MAXIMUM FORCE REQUIRED TO OPEN INTERIOR DOORS SHALL NOT EXCEED 5 LBS.
- E. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 5 INCHES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
- F. FAUCET CONTROL AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. LEVER OPERATED, FLUSH TYPE AND ELECTRONICALLY OPERATED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. IF SELF CLOSING VALVES ARE USED, THE FAUCET SHALL REMAIN OPEN FOR A MINIMUM OF 10 SECONDS.
- G. PROVIDE SIGNAGE WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI A117.1 (LATEST EDITION) AND ADA REQUIREMENT.
- H. SIGNAGE HEIGHT SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ACCESSIBILITY CODES.
- I. RESTROOM SIGNAGE SHALL BE MOUNTED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE RESPECTIVE RESTROOM DOOR.
- J. FLAME SPREAD RATING SHALL BE CLASS C MINIMUM.

FIRE EXTINGUISHER LEGEND

TYPE 1 - 10 LB. DRY CHEMICAL (ABC) MP10 W/ ARCHITECTURAL SERIES CABINET - 2409-6R VERTICAL DUO LAMINATED SAFETY GLASS

ROUGH OPENING = 25" X 10-1/2" X 4" MOUNT AT 50" A.F.F. TO TOP OF OPENING

EXITING REQUIREMENTS

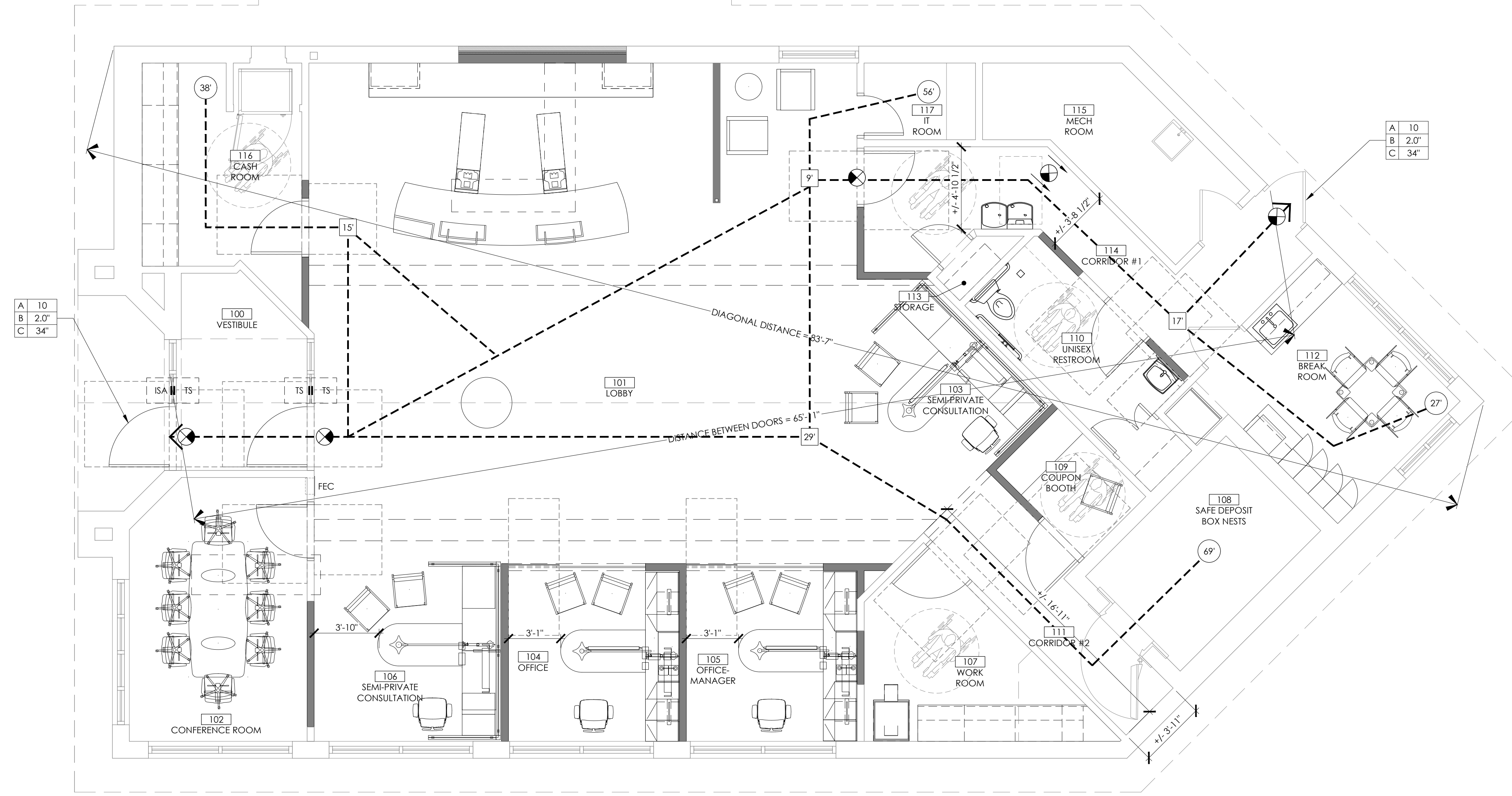
AREA	REQUIRED	PROVIDED
COMMON PATH OF EGRESS TRAVEL (CPET) MINIMUM NUMBER OF EXITS	75'	29'
TRAVEL DISTANCE MAXIMUM	300'	69'
DIAGONAL OF BUSINESS AREA: 1/3 OF DIAGONAL DISTANCE W/ AUTOMATIC SPRINKLER	27'-10"	65'-11"
DEAD END CORRIDOR MAXIMUM	50'	16'-11"

EGRESS LEGEND

- A OCCUPANT LOAD AT THIS EXIT
- B REQUIRED EXIT WIDTH (0.2" PER OCCUPANT)
- C PROVIDED EXIT WIDTH

LIFE SAFETY LEGEND

- (A) LENGTH OF EXIT TRAVEL DISTANCE FROM START POINT (FEET)
- (B) CPET DISTANCE FROM START POINT (FEET)
- (EXIT SIGN) EXIT SIGN (SEE ELECTRICAL SHEETS)
- (EXIT SIGN) LOCATION OF EXIT TEXT
- (--->) EXIT TRAVEL DISTANCE (36" CLEAR WIDTH MIN.)
- (FEC) FIRE EXTINGUISHER CABINET
- (FE) PORTABLE FIRE EXTINGUISHER
- (TS) TACTILE "EXIT" SIGN
- (ISA) INTERNATIONAL SIGN OF ACCESSIBILITY



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



OLD NATIONAL BANK
PLYMOUTH
3950 VINEWOOD LANE
PLYMOUTH, MN 55441



1113 Ave S
Suite 400
Minneapolis, MN 55401
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ARCHITECT OF RECORD

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of Minnesota.
Signature: _____ Patrick Biles
Date: _____
Registration No: 18079

ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION

PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAREZ

SHEET TITLE

LIFE SAFETY & ACCESSIBILITY PLAN

SHEET NUMBER

G-100

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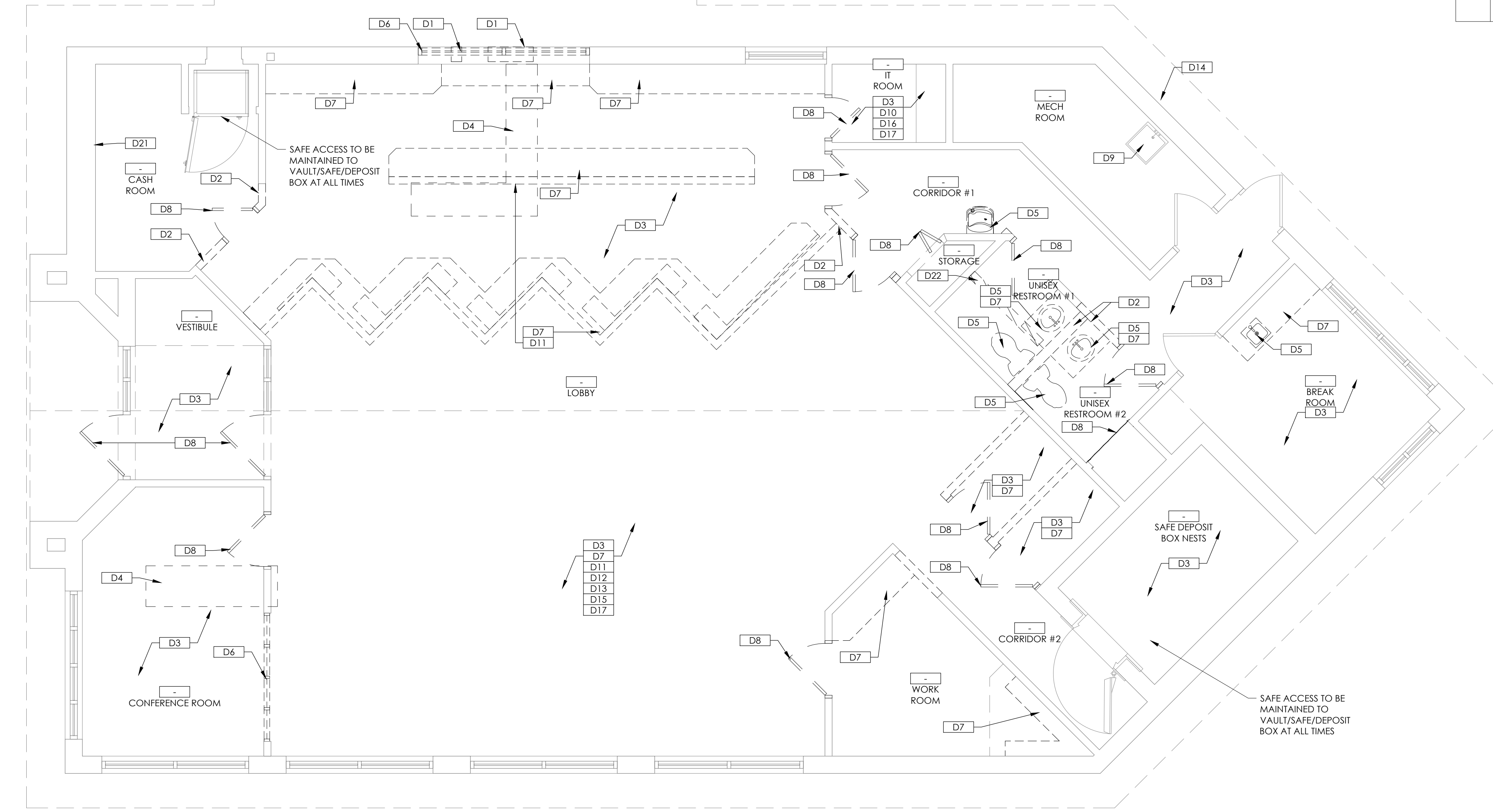
NOT FOR BID

DEMO KEYNOTES	
D1	EXISTING DEAL DRAWER EQUIPMENT TO BE REMOVED IN ITS ENTIRETY. PV TO KEEP SAFE AND RETURN.
D2	REMOVE EXISTING NON-BEARING INTERIOR WALLS & PARTITIONS. AND ALL ASSOCIATED VINYL WALL BASES
D3	REMOVE EXISTING FLOOR FINISH AND SUB FLOORING DOWN TO TOP OF CONCRETE SLAB.
D4	REMOVE EXISTING CONCRETE SLAB IN THIS AREA TO TRENCH FOR NEW FLOOR JUNCTION BOX. REFER TO ELECTRICAL DRAWINGS. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS.
D5	CONTRACTOR TO REMOVE ALL ACCESSORIES AND ASSOCIATED BRANCH PIPING INCLUDING COLD WATER, HOT WATER, SANITARY, AND VENT PIPING. PROPERLY CAP AND SEAL ALL REMOVED PIPING. EXISTING PIPING MAY BE REQUIRED FOR REUSE/MODIFICATION. REFER TO PLUMBING DRAWINGS FOR NEW WORK.
D6	REMOVE EXISTING STOREFRONT FRAMING, LINTEL, AND GLAZING. GLAZING AND ASSOCIATED BLOCKING AS REQUIRED. EXISTING OPENING TO REMAIN.
D7	REMOVE EXISTING MILLWORK, FURNITURE, SHELVING & EQUIPMENT AND ALL RELATED ACCESSORIES.
D8	REMOVE EXISTING DOORS FRAME AND ASSOCIATED HARDWARE.
D9	EXISTING PLUMBING FIXTURES AND EQUIPMENT TO REMAIN.
D10	DO NOT DISTURB ELECTRONICS DURING DEMO PHASE
D11	REMOVE EXISTING HALF-HEIGHT SLOTTED WALL AND ASSOCIATED FRAMING BEHIND AS REQUIRED.
D12	REMOVE EXISTING FURNITURE
D13	EXISTING SPRINKLER SYSTEM TO REMAIN. MAY NEED TO RELOCATE
D14	EXISTING FIRE DEPARTMENT CONNECTION TO REMAIN
D15	REMOVE EXISTING FLOOR BOXES. ALL WIRES TO BE PULLED OUT AND FLOOR TO BE LEVELLED UP.
D16	EXISTING MILLWORK TO REMAIN.
D17	REMOVE EXISTING VINYL WALL BASE AT REMAINING EXISTING WALLS.
D18	NOT USED
D19	NOT USED
D20	NOT USED
D21	REMOVE EXISTING CARD READER CONTROL TRANSFORMER AND ACCESS DOOR. ASSOCIATED WIRING AND ACCESS WRS. AS REQUIRED. FILL IN WALL
D22	REMOVE EXISTING CONCRETE SLAB IN THIS AREA TO TRENCH FOR PLUMBING. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS.

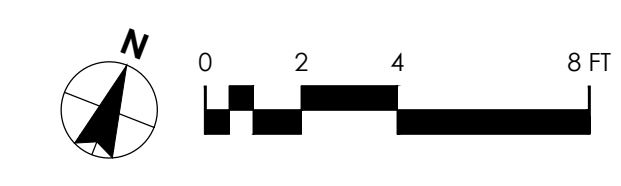
GENERAL DEMOLITION NOTES	
1	REMOVE ALL EXISTING CONSTRUCTIONS AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICTED ON THE DRAWINGS INCLUDING, BUT NOT LIMITED TO, ITEMS SHOWN ON THE PLANS WITH DASHED LINES. NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AS REQUIRED ALL CONSTRUCTIONS TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS. WHERE CONTRACTOR IS DESIGNATED TO MAKE REMOVALS, DISPOSAL OF MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY WITH OWNER REP. THE REMOVAL/ DISPOSAL OF ANY COMPONENTS OF SALVAGEABLE VALUE.
2	ALL REMOVALS AND SALVAGE, UNLESS SPECIFICALLY NOTED OR REQUESTED BY THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
3	REMOVE ONLY NON-LOAD BEARING CONSTRUCTION AND PARTITIONS. CONTRACTOR TO VERIFY PRIOR TO REMOVAL, THAT NO STRUCTURAL COMPONENTS, I.E. BEARING WALLS, BEAMS, HEADERS, ETC. SUPPORTING FLOOR, ROOF, OR CEILING JOISTS ARE DESIGNATED FOR REMOVAL UNLESS SPECIFICALLY NOTED OTHERWISE IN ARCHITECTURAL AND STRUCTURAL PLANS. CONTACT THE ARCHITECT PRIOR TO REMOVAL OF ANY CONSTRUCTION IN QUESTION OR DEVIATING FROM THE DESIGN INTENT. CONTRACTOR'S NON-CONTACT OF ARCHITECT PRIOR TO REMOVAL OF ANY WORK INDICATES HIS COMPLETE UNDERSTANDING THAT NO LOAD BEARING OR STRUCTURAL WORK IS BEING ALTERED UNDER THIS CONTRACT.
4	COORDINATE LIMIT OF DEMOLITION WITH THE CONSTRUCTION PLAN.
5	INSPECT, TEST, AND DISCONNECT UTILITY SERVICES AND MAIN SOURCE OR MAIN BRANCH WITHOUT DISRUPTING UTILITY SERVICE. SECURELY CAP AND/OR VALVE OFF UTILITY SERVICE BEHIND FINISHED SURFACES OF INTENDED CONSTRUCTION PRIOR TO DEMOLITION OPERATIONS. UTILITY SERVICES SHALL BE DEEMED AS PLUMBING, ELECTRICAL, AND GAS. EXISTING ELECTRIC FEEDS TO EXISTING LIGHTS TO BE REUSED WHEREVER POSSIBLE.
6	WHERE EXISTING BUILDING ELEMENTS ARE TO REMAIN, INCLUDING BUT NOT LIMITED TO DOORS, WINDOWS, WINDOW TRIM, FASCIAS AND SOFFITS. PROTECT THOSE PARTS OF THE BUILDING WITH TEMPORARY FENCING OR FLOODING AS NEEDED TO ENSURE NO DAMAGE TO THOSE ELEMENTS DURING DEMOLITION. ANY DAMAGE SUSTAINED TO EXISTING BUILDING ELEMENTS TO REMAIN MUST BE REPAIRED TO AS NEW CONDITION AT THE CONTRACTOR'S EXPENSE.
7	EXISTING CONDITIONS SHOWN ON THE PLAN ARE BASED UPON THE BEST AVAILABLE PUBLIC AND/OR PRIVATE RECORDS AS SUPPLIED BY THE PROJECT OWNER AND/OR DATA OBTAINED FROM OWNERS OR OFFICIALS ASSOCIATED WITH THE PARTICULAR BUILDING. NEITHER THE OWNER NOR THE ARCHITECT GUARANTEE THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND ASSUME NO RESPONSIBILITY FOR INFORMATION NOT SHOWN ON EXISTING DOCUMENTS OR EXISTING INACCESSIBLE SPACES. WHEN INCLUDED IN THE AREA OF WORK, THE GENERAL CONTRACTOR MUST PERFORM EXPLORATORY DEMOLITION OF ALL INACCESSIBLE LOCATIONS AND NOTIFY THE ARCHITECT, ENGINEERS AND OWNER IMMEDIATELY OF THE CONDITIONS FOUND.
8	PROVIDE A MINIMUM OF TWO (2), 25 LB FIRE EXTINGUISHERS APPROVED FOR 'A', 'B' AND 'C' TYPE FIRES. TO BE LOCATED AT THE ENTRY/EXIT POINTS TO THE SITE. FIRE EXTINGUISHERS ARE TO REMAIN WORKING ORDER ON THE FLOORS WHEN CONTRACT WORK IS IN PROGRESS.
9	COORDINATE WITH OWNER/TENANT ON SECURITY SYSTEM REMOVAL AND RELOCATION.
10	DEMOLITION AND REMOVAL OPERATIONS SHALL NOT UNDERMINE THE STRUCTURAL INTEGRITY OF THE BUILDING. CUTTING METHODS THROUGH ANY STRUCTURAL ITEMS (CONCRETE, CMU, ETC.) TO BE APPROVED BY BUILDING OWNER/LANDLORD.
11	DEMOLITION SHALL BE DONE IN A NEAT WORKMAN LIKE MANNER, WITHIN THE LIMITS INDICATED ON THE DRAWINGS, AND IN ALL CASES, TO THE EXTENT NEEDED TO PRODUCE THE INTENDED WORK.
12	COMPLETELY REMOVE ANY UN-USED ELECTRICAL, MECHANICAL, PLUMBING AND DATA BACK TO SOURCE AS PER NEC GUIDELINES.
13	ALL EXISTING FRAMED WALLS TO BE REMOVED AS INDICATED IN PLANS. WHERE EXISTING WALLS ARE TO REMAIN, PATCH GYPSUM DRYWALL OR PLASTER TO MATCH EXISTING THICKNESS AND MAINTAIN UNIFORM WALL THICKNESS. ALL EXPOSED PORTIONS OF WALL SHALL BE FINISHED WITH SPACKLING, SANDED, AND LEFT IN A PAINT READY CONDITION. REFER TO THE PROJECT MANUAL FOR THE REQUIRED LEVEL OF FINISH.
14	ALL EXISTING FRAMED WALLS TO BE REMOVED AS INDICATED IN PLANS. WHERE EXISTING WALLS ARE TO REMAIN, PATCH GYPSUM DRYWALL OR PLASTER TO MATCH EXISTING THICKNESS AND MAINTAIN UNIFORM WALL THICKNESS. ALL EXPOSED PORTIONS OF WALL SHALL BE FINISHED WITH SPACKLING, SANDED, AND LEFT IN A PAINT READY CONDITION. REFER TO THE PROJECT MANUAL FOR THE REQUIRED LEVEL OF FINISH.
15	FLOOR TO BE CUT FOR ELECTRICAL AND PLUMBING CONNECTIONS. ROUTE UNDER FLOOR FROM THE NEAREST TIE-IN LOCATION. REFER TO DRAWINGS FOR LOCATIONS OF J-BOX AND UTILITY LOCATIONS.
16	G.C. TO PROVIDE ALTERNATE TO REMOVE AND DISPOSE OF FURNITURE.

GENERAL MECH. & PLUMB. DEMOLITION NOTES	
A	CONTRACTOR TO VISIT SITE PRIOR TO COMMENCING WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK.
B	WHERE DRAWINGS CALL FOR REMOVAL OF EXISTING DUCTWORK, CONTRACTOR TO ALSO REMOVE ASSOCIATED ACCESSORIES, INCLUDING BUT NOT LIMITED TO DUCT HANGERS, DUCT INSULATION, BALANCING DAMPERS, AND AIR DEVICES. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS.
C	WHERE DRAWINGS CALL FOR EXISTING ROOF-TOP UNITS TO BE REMOVED, CONTRACTOR TO ALSO REMOVE ASSOCIATED CONTROLS, CONTROLLERS, AND CONTROL WIRING. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS. EXISTING ROOF PENETRATION TO REMAIN AND BE RE-WORKED FOR NEW ROOF-TOP UNITS AND ASSOCIATED DUCT DROPS.
D	CONTRACTOR TO REMOVE ALL EXISTING PLUMBING FIXTURES, INCLUDING BUT NOT LIMITED TO, WATER CLOSETS, LAVATORIES, AND MOP SINKS. REMOVE ALL ASSOCIATED BRANCH PIPING INCLUDING COLD WATER, HOT WATER, SANITARY, AND VENT PIPING. PROPERLY CAP AND SEAL ALL REMOVED PIPING. EXISTING SANITARY, VENT, AND COLD WATER MAIN PIPING TO REMAIN AND BE RE-USED.
E	PATCH AND REPAIR ALL EXISTING PENETRATIONS TO MATCH ADJACENT CONDITIONS.

DEMO LEGEND	
	EXISTING CONSTRUCTION TO REMAIN
	EXISTING CONSTRUCTION TO BE REMOVED
	EXISTING FLOOR CONSTRUCTION TO BE REMOVED



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



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Signature: _____ Patrick Bieles
Date: _____
Registration No: 18079

ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION	
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAZ

SHEET TITLE	
DEMOLITION FLOOR PLAN	
SHEET NUMBER	
D-100	

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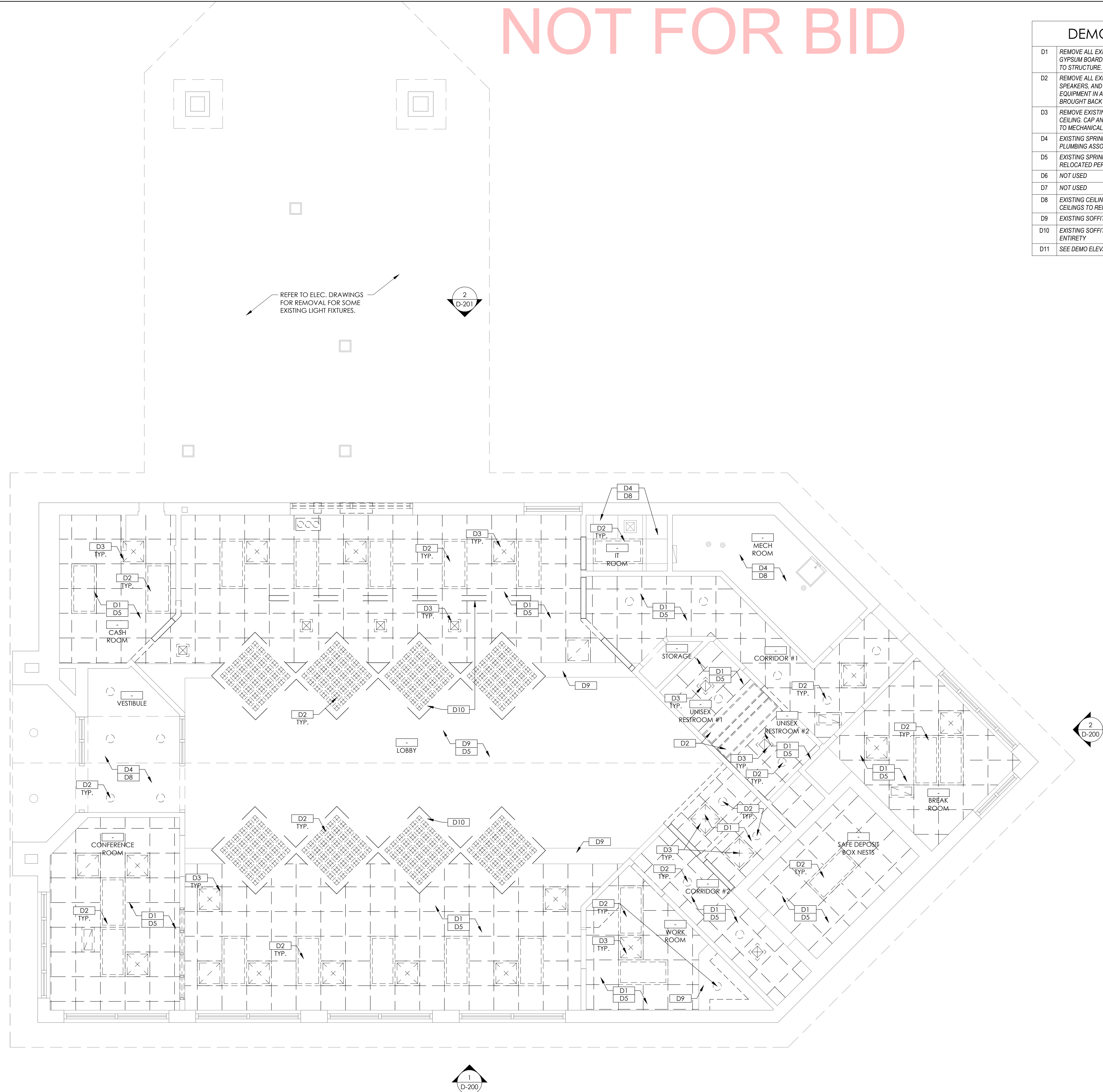
DEMO KEYNOTES	
D1	REMOVE ALL EXISTING CEILING TILES/ GRIDS AND GYPSUM BOARD CEILINGS IN ALL AREAS. REMOVE DOWN TO STRUCTURE. U.N.O.
D2	REMOVE ALL EXISTING LIGHTING DEVICES, AND SPEAKERS, AND ANY OTHER CEILING MOUNTED EQUIPMENT IN ALL AREAS. U.N.O. ALL CIRCUITRY TO BE BROUGHT BACK TO ORIGIN.
D3	REMOVE EXISTING AIR DEVICE WITH REMOVAL OF CEILING. CAP ANY UN-USED BRANCH DUCTWORK. REFER TO MECHANICAL DRAWINGS FOR NEW WORK.
D4	EXISTING SPRINKLER HEADS AND ALL SPRINKLER PLUMBING ASSOCIATED THROUGHOUT SPACE TO REMAIN.
D5	EXISTING SPRINKLER HEADS TO BE REMOVED AND RELOCATED PER NEW WORK.
D6	NOT USED
D7	NOT USED
D8	EXISTING CEILING TILES/ GRIDS AND GYPSUM BOARD CEILINGS TO REMAIN.
D9	EXISTING SOFFIT CONSTRUCTION TO REMAIN.
D10	EXISTING SOFFIT CONSTRUCTION TO BE REMOVED IN ITS ENTIRETY.
D11	SEE DEMO ELEVATIONS FOR SCOPE AND ENTRANCE.

GENERAL DEMOLITION NOTES	
1	REMOVE ALL EXISTING CONSTRUCTIONS AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICTED ON THE DRAWINGS INCLUDING, BUT NOT LIMITED TO, ITEMS SHOWN ON THE PLANS WITH DASHED LINES. NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AS REQUIRED. ALL CONSTRUCTIONS TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS. WHERE CONTRACTOR IS DESIGNATED TO MAKE REMOVALS, DISPOSAL OF MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY WITH OWNER REP. THE REMOVAL/ DISPOSAL OF ANY COMPONENTS OF SALVAGEABLE VALUE.
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4	COORDINATE LIMIT OF DEMOLITION WITH THE CONSTRUCTION PLAN.
5	INSPECT, TEST, AND DISCONNECT UTILITY SERVICES AND MAIN SOURCE OR MAIN BRANCH WITHOUT DISRUPTING UTILITY SERVICE. SECURELY CAP AND/OR VALVE OFF UTILITY SERVICE BEHIND FINISHED SURFACES OF INTENDED CONSTRUCTION PRIOR TO DEMOLITION OPERATIONS. UTILITY SERVICES SHALL BE DEEMED AS PLUMBING, ELECTRICAL, AND GAS. EXISTING ELECTRIC FEEDS TO EXISTING LIGHTS TO BE REUSED WHEREVER POSSIBLE.
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15	FLOOR TO BE CUT FOR ELECTRICAL AND PLUMBING CONNECTIONS. ROUTE UNDER FLOOR FROM THE NEAREST TIE-IN LOCATION. REFER TO DRAWINGS FOR LOCATIONS OF J-BOX AND UTILITY LOCATIONS.

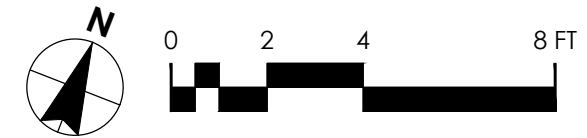
GENERAL MECH. & PLUMB. DEMOLITION NOTES

- A CONTRACTOR TO VISIT SITE PRIOR TO COMMENCING WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK.
- B WHERE DRAWINGS CALL FOR REMOVAL OF EXISTING DUCTWORK, CONTRACTOR TO ALSO REMOVE ASSOCIATED ACCESSORIES, INCLUDING BUT NOT LIMITED TO: DUCT HANGERS, DUCT INSULATION, BALANCING DAMPERS, AND AIR DEVICES. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS.
- C WHERE DRAWINGS CALL FOR EXISTING ROOF-TOP UNITS TO BE REMOVED, CONTRACTOR TO ALSO REMOVE ASSOCIATED CONTROLS, CONTROLLERS, AND CONTROL WIRING. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS. EXISTING ROOF PENETRATION TO REMAIN AND BE RE-WORKED FOR NEW ROOF-TOP UNITS AND ASSOCIATED DUCT DROPS.
- D CONTRACTOR TO REMOVE ALL EXISTING PLUMBING FIXTURES, INCLUDING BUT NOT LIMITED TO: WATER CLOSETS, LAVATORIES, AND MOP SINKS. REMOVE ALL ASSOCIATED BRANCH PIPING INCLUDING COLD WATER, HOT WATER, SANITARY, AND VENT PIPING. PROPERLY CAP AND SEAL ALL REMOVED PIPING. EXISTING SANITARY, VENT, AND COLD WATER MAIN PIPING TO REMAIN AND BE RE-USED.
- E PATCH AND REPAIR ALL EXISTING PENETRATIONS TO MATCH ADJACENT CONDITIONS.

DEMO LEGEND	
	EXISTING CONSTRUCTION TO REMAIN
	EXISTING CONSTRUCTION TO BE REMOVED



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



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CORE STATES DESIGN P.C.
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ARCHITECT OF RECORD
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Signature: _____ Patrick Biles
Date: _____
Registration No: 18079

ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION	
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAREZ

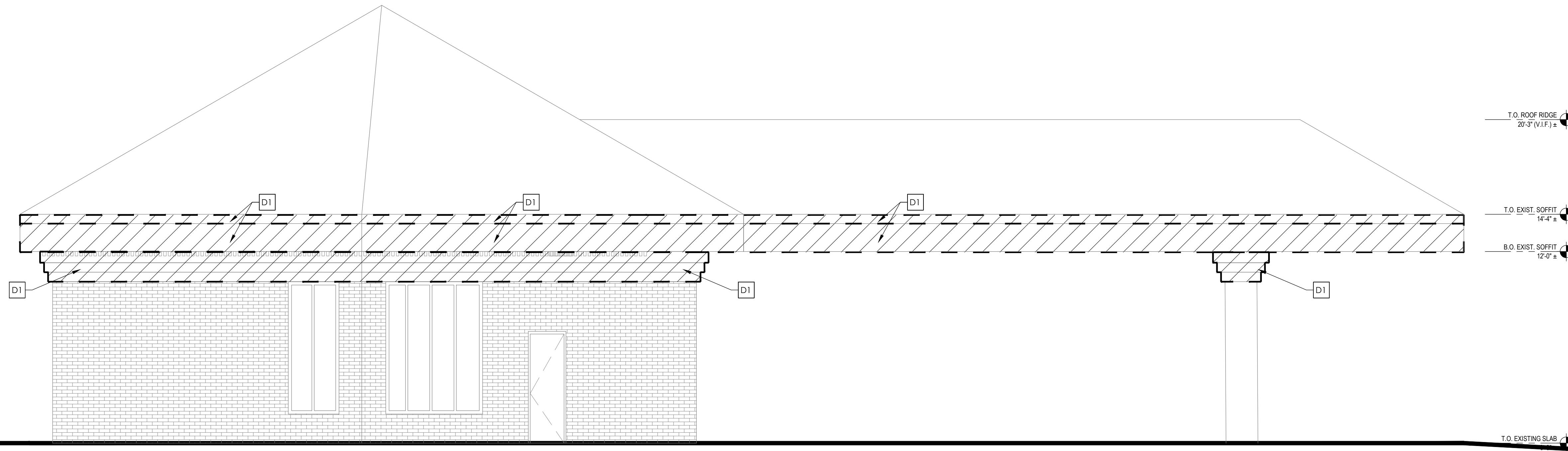
SHEET TITLE
DEMOLITION REFLECTED CEILING PLAN
SHEET NUMBER
D-121

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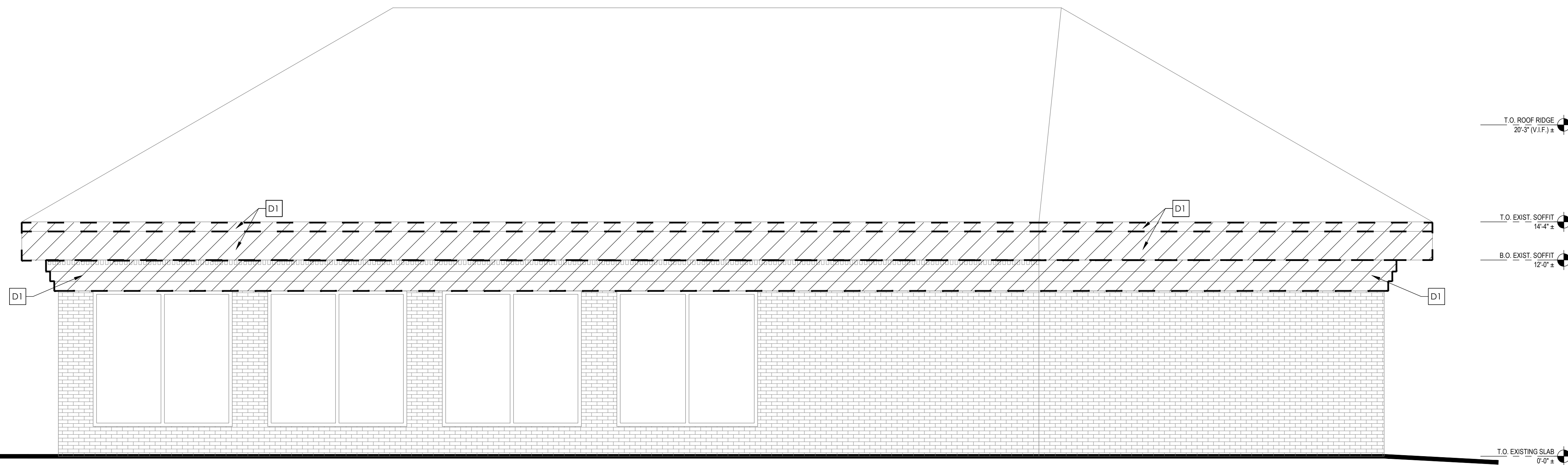
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DEMOLITION KEYNOTES

D-1	CUT ROTTED SECTIONS OF WOOD FASCIA AND TRIM. REPAIR AND CAULK WOOD TRIM. PREPARE FOR EIFS AND NEW FINISHES
D-2	NOT USED
D-3	DEAL DRAWER TO BE REMOVED BY CONVERGINT AND STORED FOR FUTURE USE
D-4	DEMOLISH FASCIA PER NEW WORK ON 3/A301. PREPARE FOR NEW FINISHES



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



1 EXTERIOR ELEVATION- SOUTH
SCALE: 1/4" = 1'-0"

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DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAREZ

SHEET TITLE
DEMOLITION ELEVATIONS - SOUTH AND EAST

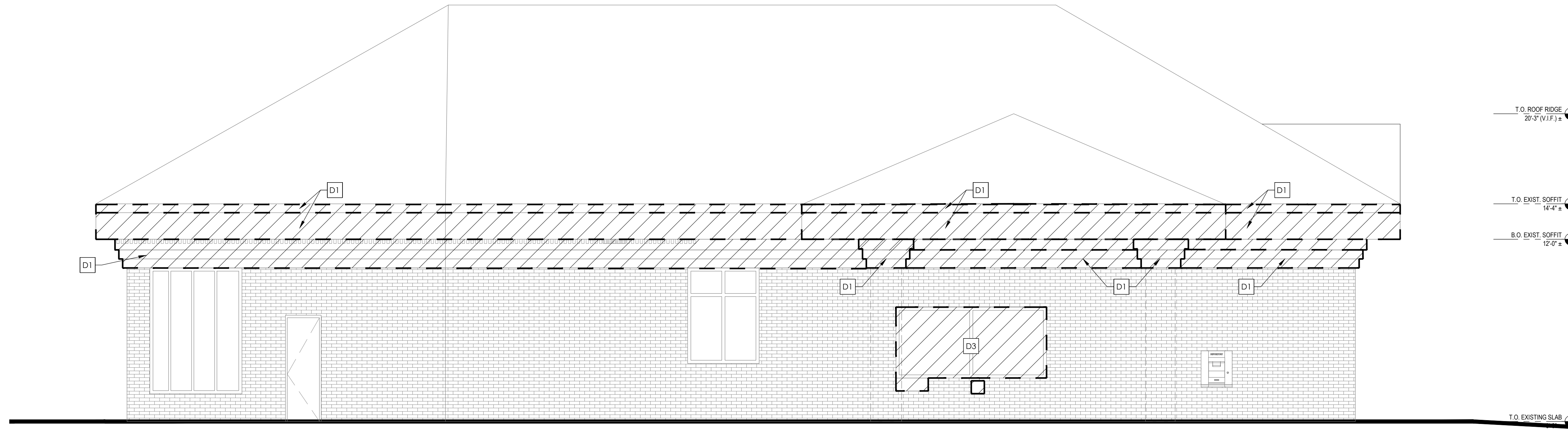
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Thursday, October 21, 2021 8:52:55 AM
David Whitehouse

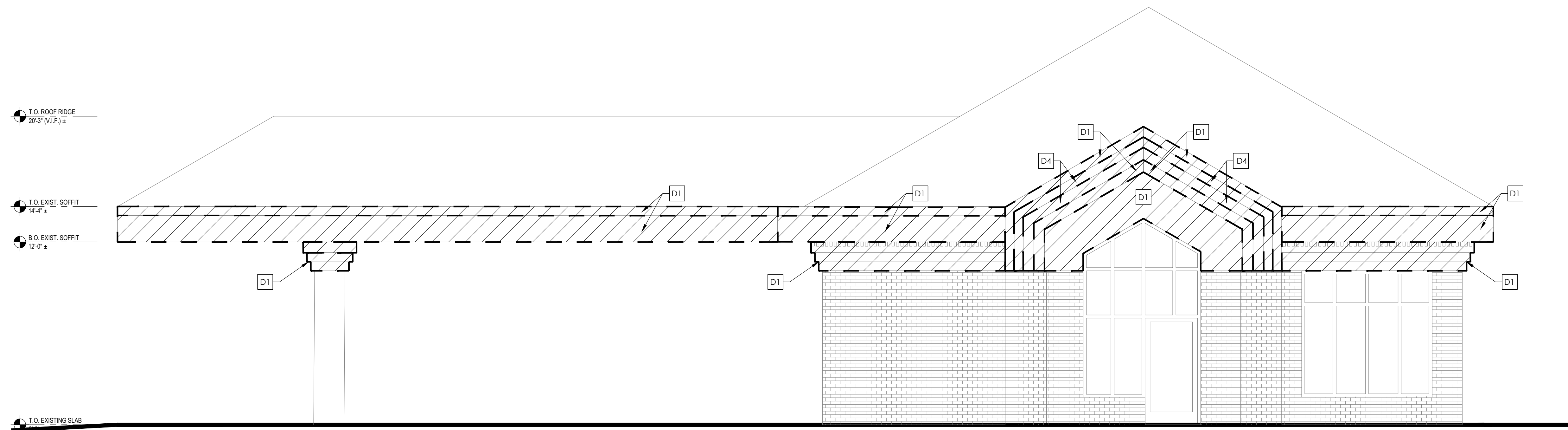
NOT FOR BID

DEMOLITION KEYNOTES

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D-2	NOT USED
D-3	DEAL DRAWER TO BE REMOVED BY CONVERGINT AND STORED FOR FUTURE USE
D-4	DEMOLISH FASCIA PER NEW WORK ON 3/A301. PREPARE FOR NEW FINISHES



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



1 EXTERIOR ELEVATION- WEST
SCALE: 1/4" = 1'-0"

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Registration No: 18079

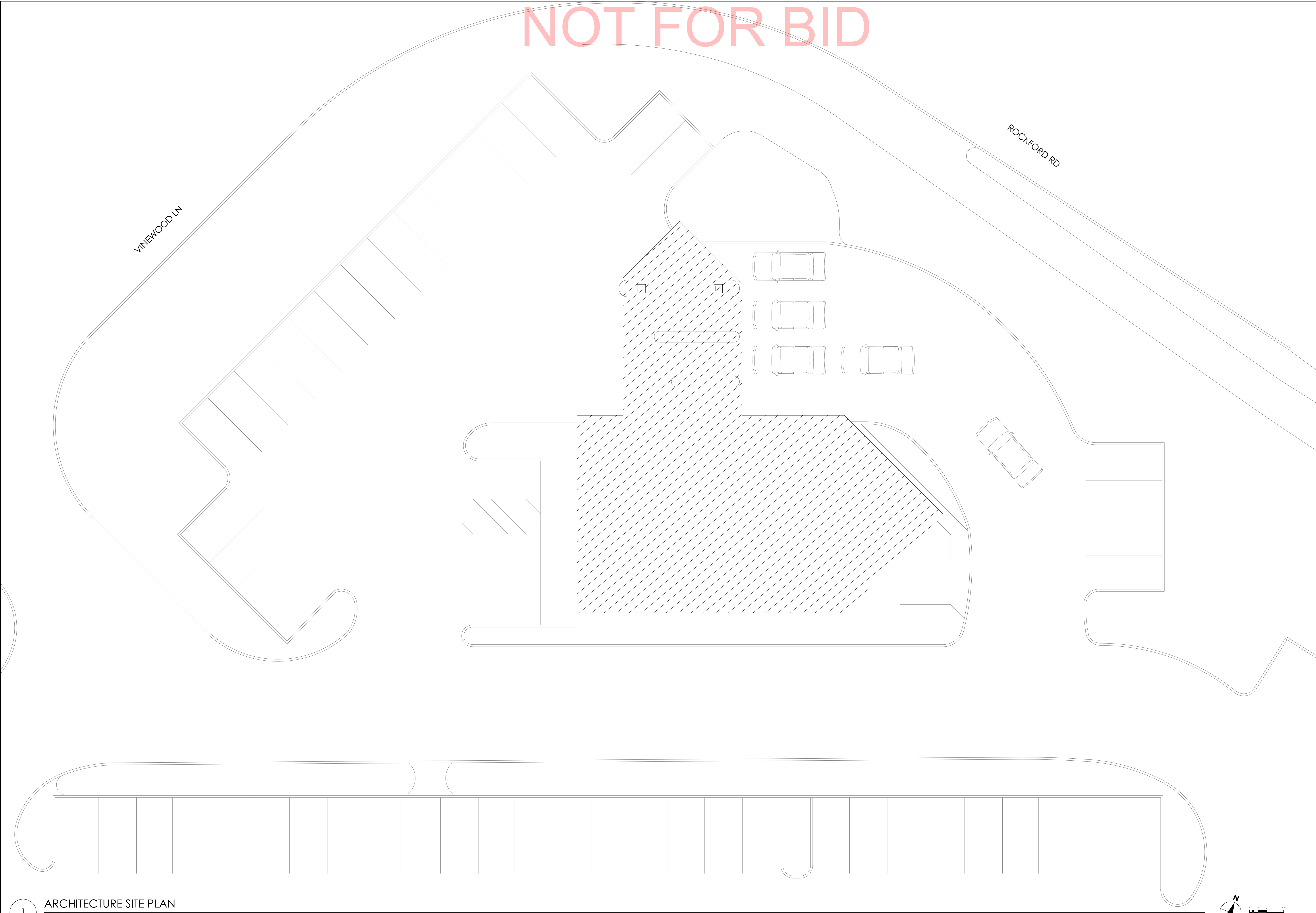
ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION	
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAREZ

SHEET TITLE
DEMOLITION ELEVATIONS - NORTH AND WEST

SHEET NUMBER
D-201

NOT FOR BID



1 ARCHITECTURE SITE PLAN
SCALE: 1" = 10'-0"

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PLYMOUTH, MN 55441

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Signature: _____ Patrick Brees
Date: _____
Registration No: 18079

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DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAREZ

SHEET TITLE
ARCHITECTURAL SITE PLAN

SHEET NUMBER
A-001

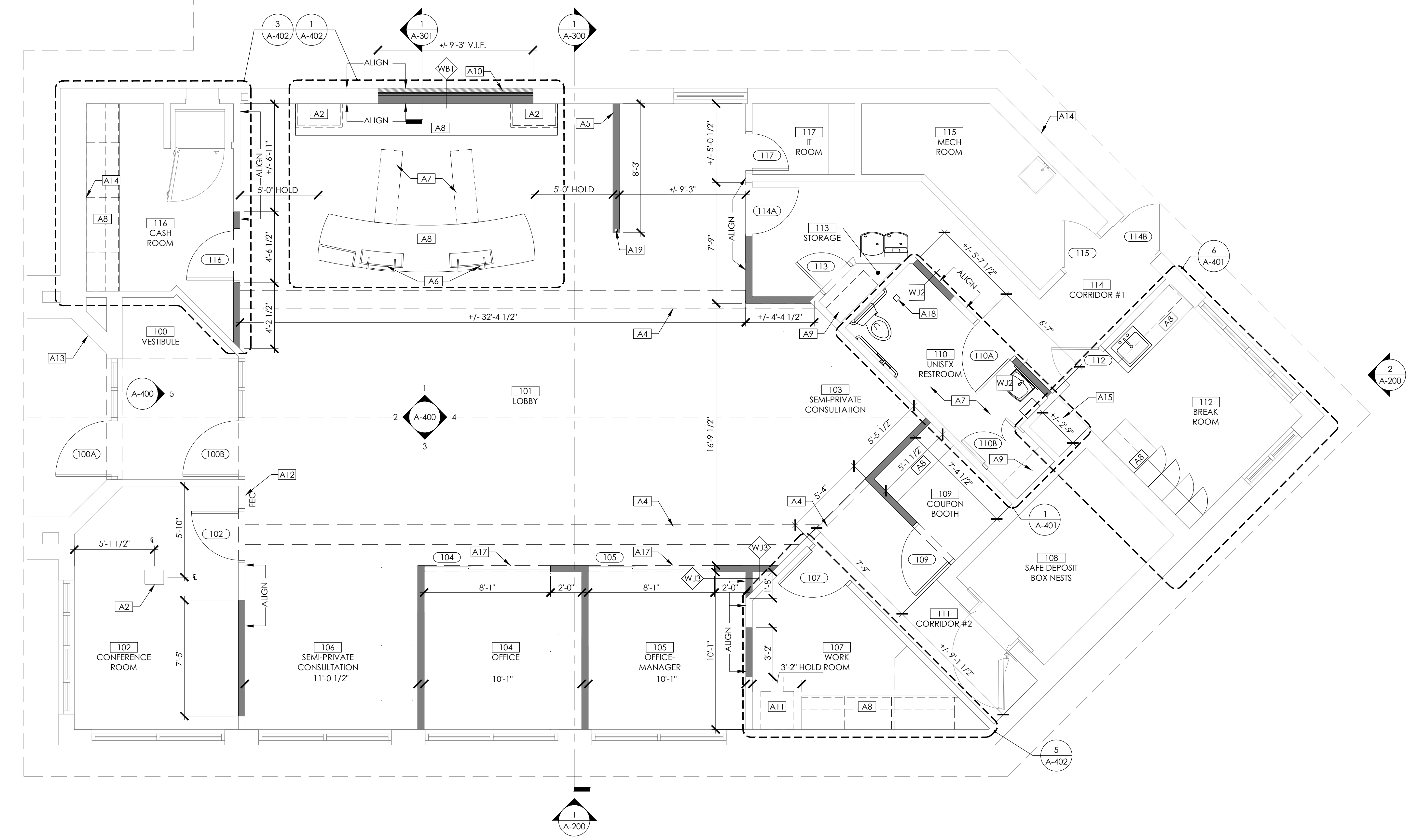
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NOT FOR BID

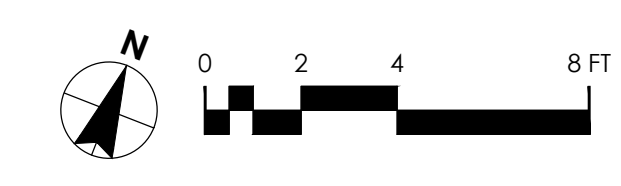
GENERAL FLOOR PLAN NOTES	
A	ALL INTERIOR WALL PARTITIONS TO BE 'WJ' U.N.O. (SEE SHEET A-300 FOR ADDITIONAL INFORMATION).
B	ALL DOOR FRAMES TO HAVE 5" RETURN ON HINGE SIDE U.N.O.
C	NOT ALL KEYNOTES MAY BE USED. REFER TO DRAWING.
D	THROUGHOUT CONSTRUCTION PERIOD, CONTRACTOR SHALL PROVIDE SAFE ACCESS FOR OWNER TO CASH ROOM AND NIGHT DROP AREA AT LEAST ONCE PER DAY AS REQUIRED FOR OWNER OPERATIONS.

FLOOR PLAN KEYNOTES	
A-1	EXISTING STRUCTURAL COLUMN TO REMAIN
A-2	POWER DATA FLOOR BOX. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE LOCATIONS WITH STRUCTURAL DRAWINGS.
A-3	EXISTING SIAMESE CONNECTION. SEE SPRINKLER DRAWINGS FOR ADDITIONAL INFORMATION.
A-4	SOFFIT / BULKHEAD ABOVE: REFER TO REFLECTED CEILING PLANS, SECTIONS, DETAILS AND INTERIOR ELEVATIONS. PROVIDE DEFLECTION TRACK AT UNDERSIDE OF ROOF / FLOOR STRUCTURE ABOVE TO ALLOW BULKHEAD TO REST ON DEMOUNTABLE PARTITION SYSTEM BELOW.
A-5	DRIVE UP LIGHTING SWITCHES TO BE RELOCATED TO THIS WALL.
A-6	POWER DATA STUB UP FOR EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE LOCATIONS WITH STRUCTURAL DRAWINGS, AND ELECTRICAL DRAWINGS.
A-7	PATCH AND REPAIR FLOOR FROM TRENCHING. SEE FINISH FLOOR PLAN FOR MORE INFORMATION.
A-8	CUSTOM SHOP-FABRICATED BUILT-IN MILLWORK. REFER TO INTERIOR ELEVATIONS. SUBMIT SHOP DRAWINGS AND FINISH SAMPLES TO ARCHITECT FOR APPROVAL.
A-9	(6) 16" ADJUSTABLE SHELVES. REFER TO INTERIOR ELEVATIONS. PROVIDE BLOCKING IN WALL AS REQUIRED.
A-10	EXISTING OPENING TO BE INFILLED. REFER TO SECTION TAG FOR MORE INFORMATION.
A-11	EQUIPMENT APPLIANCE. REFER TO EQUIPMENT INSTALLATION MANUAL. COORDINATE WITH EQUIPMENT INSTALLER. PROVIDE ELECTRICAL DATA AND SECURITY ROUGH-IN WORK AS REQUIRED. FRAME WALL OPENINGS AND PREPARE FLOOR SUBSTRATE AS REQUIRED. PROVIDE BLOCKING IN WALL AS REQUIRED.
A-12	FIRE EXTINGUISHER AND CABINET. PROVIDE THE MINIMUM NUMBER AS REQUIRED AND COORDINATE LOCATIONS WITH CODE REQUIREMENTS AND ADJACENT ACCESSIBILITY CLEARANCES.
A-13	KNOX BOX: MOUNTED FLUSH WITH SURROUNDING WALL SURFACE. VERIFY LOCATION WITH LOCAL MUNICIPALITY TO ENSURE COMPLIANCE. PAINT TO BLEND WITH SURROUNDING WALL FINISH.
A-14	PATCH AND REPAIR GYPSUM WALL BOARD AND STUDS AFTER DEMOLITION. INFILL WALL CAVITY WITH INSULATION ALIGN WALL. INFILL WITH ADJACENT WALL.
A-15	G.C. TO VERIFY ON SITE EXISTING DIMENSIONS. REFRIGERATOR REQUIRES MIN. 36" CLEAR SPACE.
A-16	NOT USED
A-17	DEMOUNTABLE PARTITION SYSTEM WITH INTEGRAL DOORS AND POWER DATA AND SECURITY CONDUIT SYSTEMS, ANCHORED TO BUILDING WALLS, SUBFLOOR, AND BULKHEADS.
A-18	FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
A-19	NEW STRUCTURAL COLUMN. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

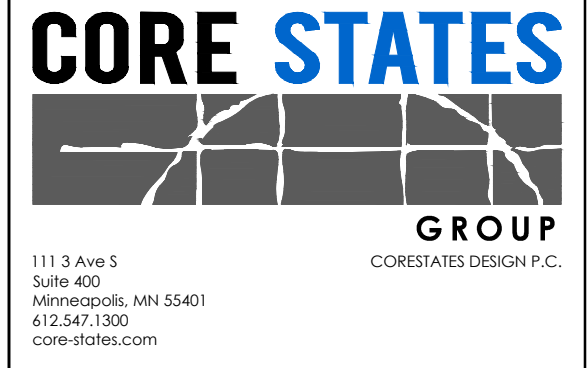
WALL LEGEND	
	EXISTING WALL CONSTRUCTION TO REMAIN
	NEW WALL CONSTRUCTION



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



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Signature: _____ Patrick Biles
Date: _____
Registration No: 18079

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PROJECT INFORMATION
PROJECT NO: ONB.32396
DATE: 05.18.2021
SCALE: AS NOTED
DRAWN BY: D.WHITEHOUSE
CHECKED BY: V.ALVAREZ

CONSTRUCTION FLOOR PLAN

SHEET NUMBER
A-100

P:\Old National Bank\plymouth.mn\4440_2850_Vinewood Ln - N\ONB.32396_Design\Basis\Architecture\A-100_Plymouth.MN.ONB_ConstructionPlan.dwg
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NOT FOR BID

RCP KEYNOTES

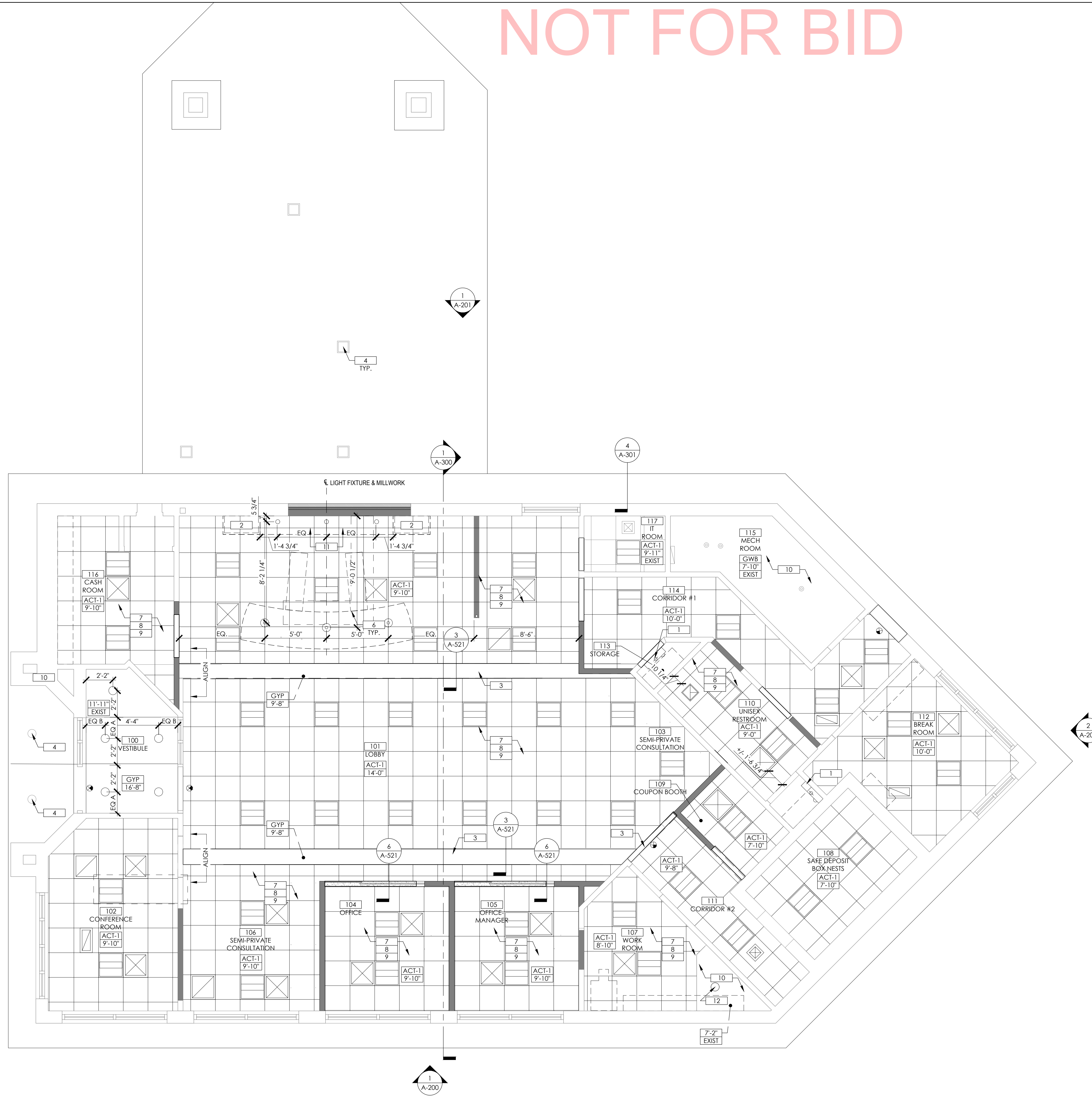
- 1 WALL LIGHT OVER DOOR - REFER TO ELECTRICAL DRAWINGS.
- 2 ABOVE CEILING PNEUMATIC TUBE SYSTEM; COORDINATE EXACT LOCATION WITH SUPPLIER
- 3 EXISTING SOFFIT TO RECEIVE NEW GYPSUM FINISH.
- 4 EXISTING LIGHT FIXTURES ARE TO REMAIN. MAINTAIN ALL EXISTING CONNECTIONS AND CONTROLS.
- 5 PATCH AND REPAIR ACOUSTIC CEILING. ADD NEW PANELS IF NECESSARY
- 6 TELLER POD PENDANT TO BE CENTERED ON MILLWORK BELOW. VERIFY DIMENSIONS SHOWN ON PLANS W/ FURNITURE PLANS. COORDINATE WITH ARCHITECT IF LIGHT INTERFERES WITH CEILING GRID. REFER TO ELECTRICAL PLANS FOR TYPICAL MOUNTING HEIGHTS. REFER TO 4/A-521 FOR MOUNTING HEIGHTS
- 7 ALL CEILING FIXTURES TO BE CENTERED ON CEILING TILE UNLESS SHOWN & NOTED OTHERWISE.
- 8 ACOUSTIC CEILING TILE TO BE CENTERED ON SPACE.
- 9 SPRINKLER HEADS TO BE RELOCATED PER SPRINKLER DRAWINGS
- 10 PATCH AND REPAIR GYPSUM CEILING AS REQUIRED
- 11 ALIGN CEILING GRID WITH CENTER OF BRAND WALL
- 12 EXISTING LIGHT FIXTURE TO BE RELOCATED AS REQUIRED

NOTE:

- REFER TO A-131 FOR FINISH SCHEDULE
- REFER TO A-521 FOR DETAILS ON 2X2 GRID AND 4X4 GRID
- PROVIDE ATTIC ACCESS. ACCESS MUST BE IN ACCORDANCE WITH LOCAL CODE COMPLIANCE.

RCP SYMBOLS LEGEND

- SURFACE MOUNT AIR NOZZLE DIFFUSER: REFER TO MECH DWGS FOR ADDL INFO
- RECESSED DOWNLIGHT: REFER TO ELEC DWGS FOR ADDL INFO
- DECORATIVE PENDANT LIGHT: REFER TO ELEC DWGS FOR ADDL INFO
- ⊕ WALL MOUNTED LIGHT FIXTURE: REFER TO ELEC DWGS FOR ADDL INFO
- SURFACE MOUNTED LIGHT FIXTURE: REFER TO ELEC DWGS FOR ADDL INFO
- ▭ 2' x 2' LAY-IN LIGHT FIXTURE: REFER TO ELEC DWG. FOR ADDL INFO
- ⊗ SUPPLY AIR DIFFUSER: REFER TO MECH DWGS FOR ADDL INFO
- ⊘ RETURN AIR GRILL: REFER TO MECH DWGS FOR ADDL INFO
- ⊞ EXHAUST FAN: REFER TO MECH DWGS FOR ADDL INFO
- ⊙ ILLUMINATED EXIT SIGN: REFER TO ELEC DWGS FOR ADDL INFO
- ▬ UNDER-CABINET TASK LIGHT: REFER TO ELEC DWGS FOR ADDL INFO
- ⊙ CEILING MOUNTED SPEAKER: COORDINATE LOCATIONS W/ VENDOR
- ▬ LED ACCENT LIGHTING: REFER TO ELEC DWG. FOR ADDL INFO
- ▭ 5/8" GYPSUM BOARD FOR SOFFIT- 7/A-521
- UPRIGHT OR CONCEALED SPRINKLER HEADS. REFER TO FIRE SPRINKLER DRAWINGS FOR MORE DETAILS
- ▬ L-8 HANGING LIGHTING FIXTURE. REFER TO ELEC DRAWINGS.



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

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ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION
PROJECT NO: ONB.32396
DATE: 05.18.2021
SCALE: AS NOTED
DRAWN BY: D.WHITEHOUSE
CHECKED BY: V.ALVAREZ

SHEET TITLE
REFLECTED CEILING PLAN

SHEET NUMBER
A-121

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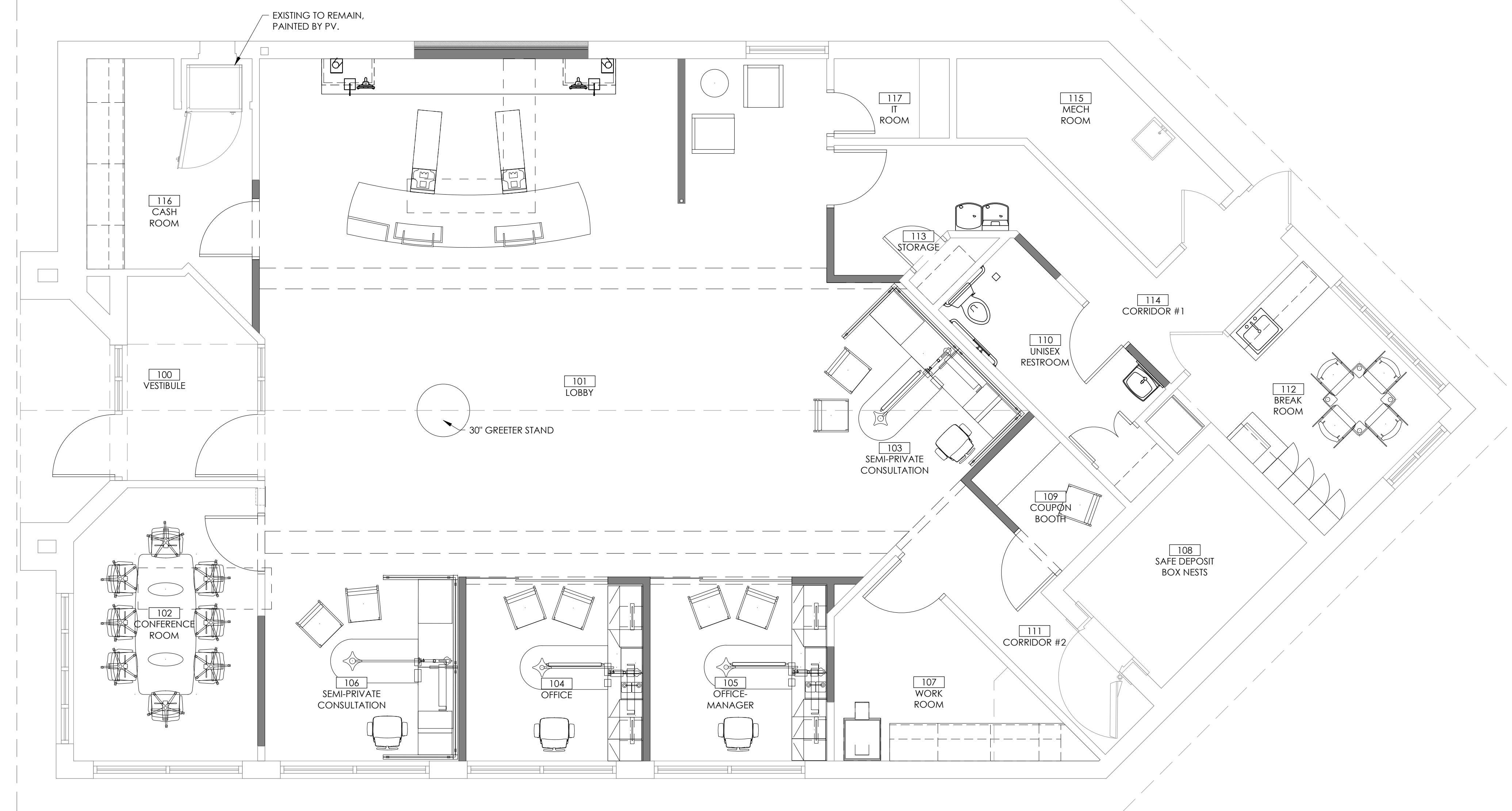
NOT FOR BID

FURNITURE & EQUIPMENT KEYNOTES

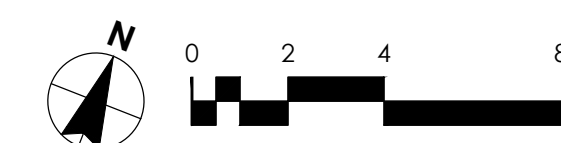
F1 EXISTING TO REMAIN. TO BE PAINTED

NOTE:

- ALL FURNITURE SHOWN FOR REFERENCE ONLY. ALL FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER UNLESS NOTES OTHERWISE. FINAL LOCATIONS AND TYPES OF FURNITURE TO BE DETERMINED BY OWNER.
- PROVIDE AND INSTALL BLOCKING FOR ALL EQUIPMENT AND FIXTURES
- ALL TABLES, CHAIRS, DESKS AND WORKSTATIONS BY OWNER
- COORD. ALL POWER WITH FURNITURE LOCATIONS PRIOR TO INSTALL.



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



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DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAREZ

SHEET TITLE

FURNITURE AND EQUIPMENT PLAN

SHEET NUMBER

A-141

NOT FOR BID

EXTERIOR FINISH LEGEND

- | | | |
|------------------------|------------------------------------|------------------------------------|
| EIFS | BRICK FINISH | BRF-3 MFG: BELDEN BRICK |
| EIFS1 MFG: SENERGY | BRF-1 MFG: CLOUD CERAMICS | BRICK: BELCREST BLACK |
| COLOR: #410 SNOW | BRICK: CIMARRON | TEXTURE: MOLDED |
| TEXTURE: FINE | TEXTURE: VELOUR | SIZE: MODULAR 3-5/8"x2-1/4"x7-5/8" |
| EIFS2 MFG: STO CORP | SIZE: UTILITY 4"x4"x12" NOMINAL, | EXTERIOR PAINT |
| COLOR: WHITE LINEN | 3-5/8"x3-5/8"x11-5/8" | PT-7 MFG: BENJAMIN MOORE |
| TEXTURE: FINE | | BRICK: BELCREST BLACK |
| EIFS3 MFG: DRYVIT | BRF-2 MFG: GLEN-GERY BRICK | COLOR: OC-37 GLACIER WHITE |
| COLOR: #522 LITE GRAY | BRICK: CANTON | NOTE: EXTERIOR EIFS REFRESH |
| TEXTURE: SANDBLAST DPR | TEXTURE: MOLDED | PT-8 MFG: SHERWIN WILLIAMS |
| | SIZE: MODULAR 3-5/8"x2-1/4"x7-5/8" | COLOR: OFF WHITE SW9166 |
| | | NOTE: STEEL LINTELS ABOVE WINDOWS |

ELEVATION KEYNOTES

E-1	EIFS TO BE APPLIED. REFER TO THE SECTION TAG FOR MORE INFORMATION
E-2	EXISTING BRICK FINISH
E-3	EXISTING SHINGLE ROOF FINISH
E-4	EXISTING SIAMESE CONNECTION. SEE SPRINKLER DRAWINGS FOR ADDITIONAL INFORMATION.
E-5	NEW DRIVE UP EQUIPMENT/ VAT TUBE
E-6	BRICK INFILL. TOOTH IN AS REQUIRED. COLOR TO MATCH ADJACENT BRICK FINISH
E-7	NOT USED
E-8	NEW GUTTER AND DOWNSPOUT. MATCH WHITE LINEN.
E-9	EPT-1 TO BE APPLIED. REFER TO EXTERIOR FINISH SCHEDULE.
E-10	NEW DRIVE-THRU BANNER

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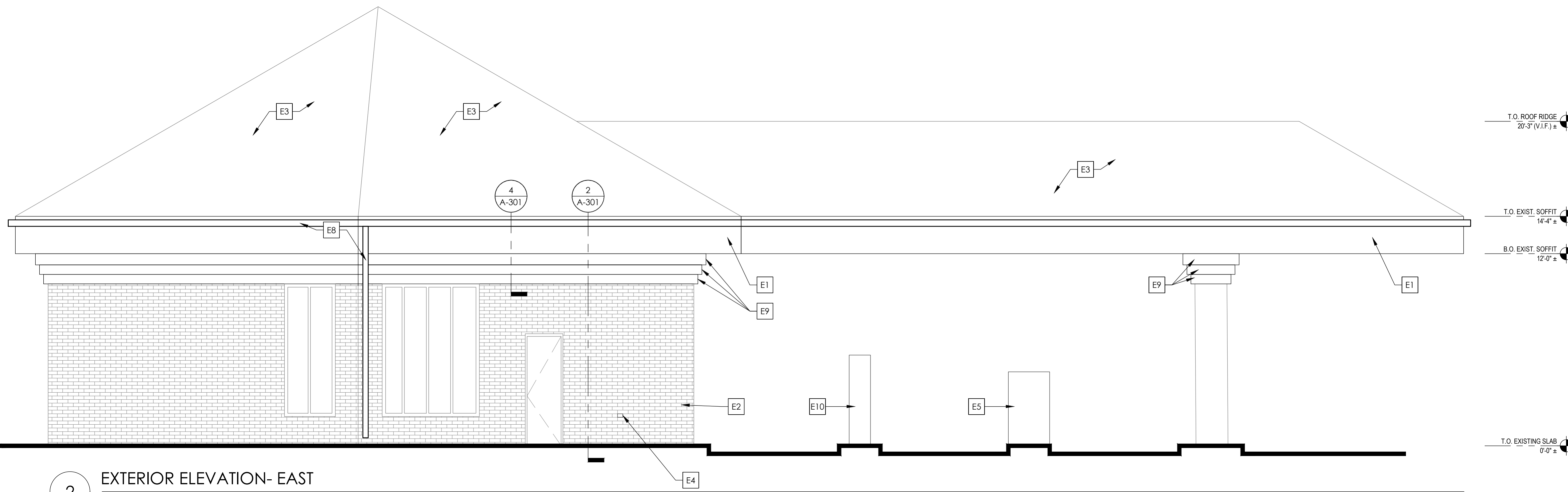
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAREZ

SHEET TITLE

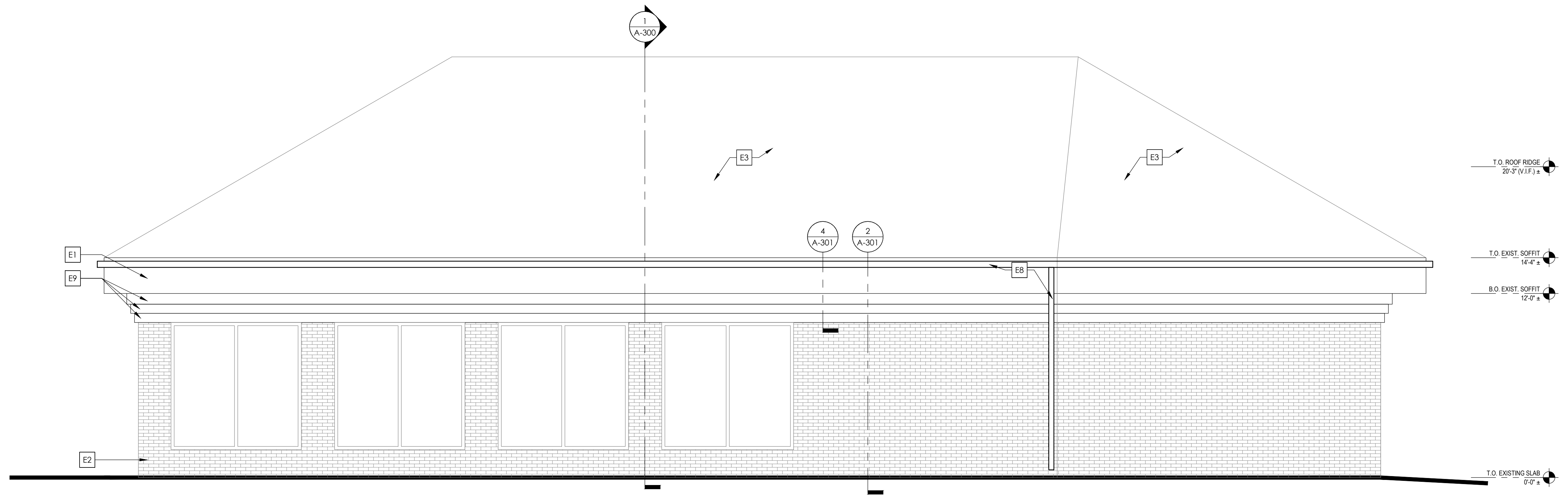
EXTERIOR ELEVATIONS SOUTH AND EAST

SHEET NUMBER

A-200



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



1 EXTERIOR ELEVATION- SOUTH
 SCALE: 1/4" = 1'-0"

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 David Whitehouse

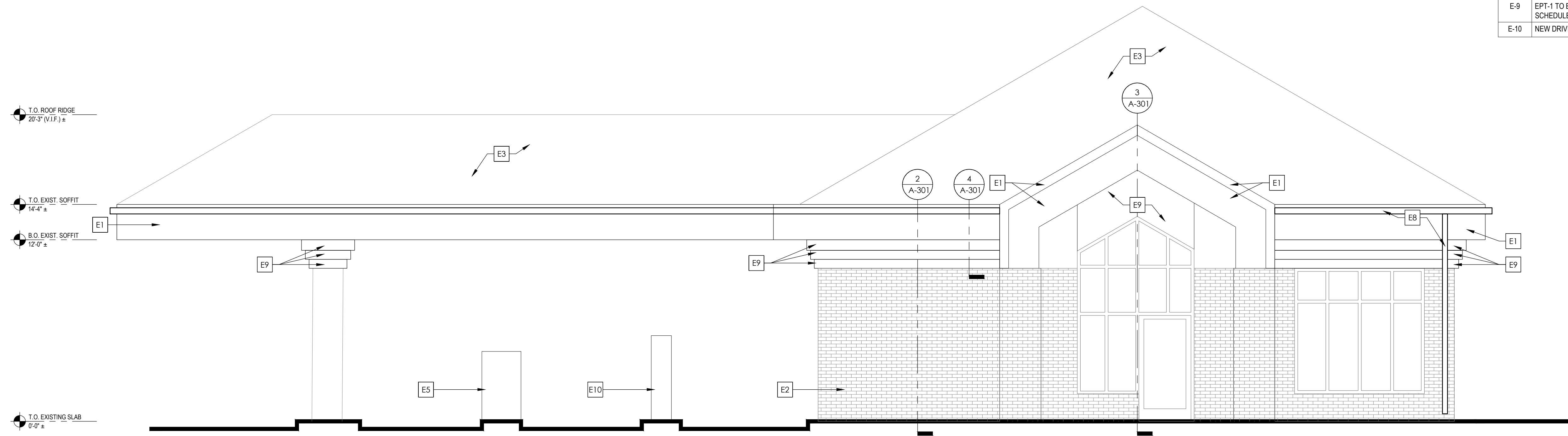
NOT FOR BID

EXTERIOR FINISH LEGEND

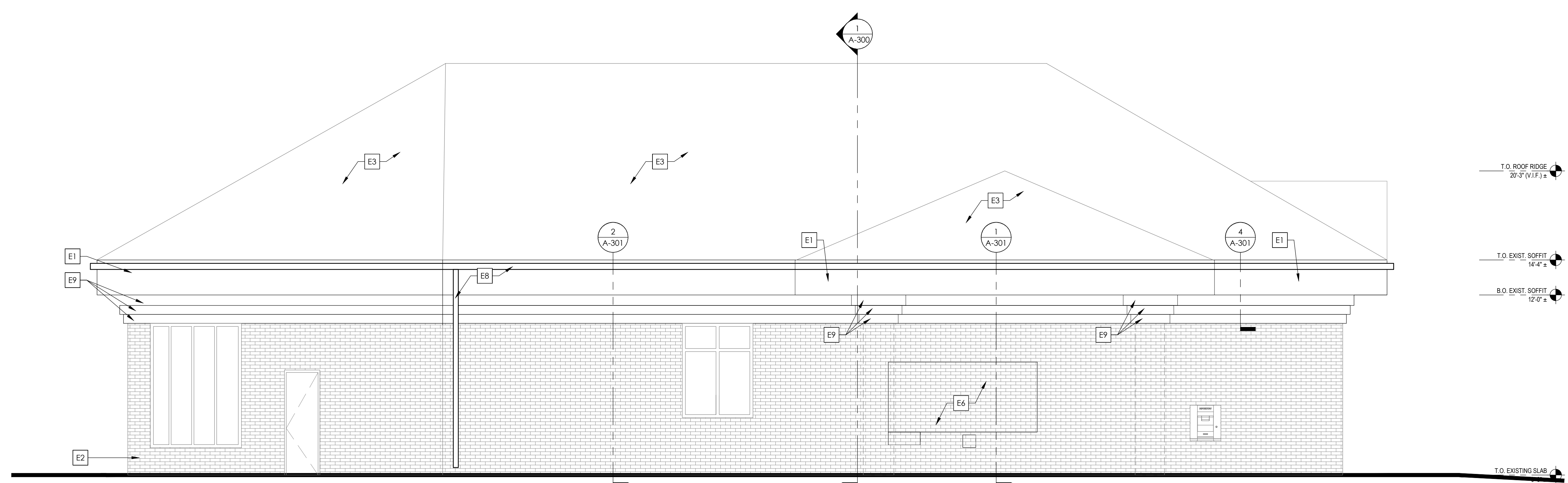
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|------------------------|------------------------------------|------------------------------------|
| EIFS | BRICK FINISH | BRF-3 MFG: BELDEN BRICK |
| EIFS1 MFG: SENERGY | BRF-1 MFG: CLOUD CERAMICS | BRICK: BELCREST BLACK |
| COLOR: #410 SNOW | BRICK: CIMARRON | TEXTURE: MOLDED |
| TEXTURE: FINE | TEXTURE: VELOUR | SIZE: MODULAR 3-5/8"x2-1/4"x7-5/8" |
| EIFS2 MFG: STO CORP | SIZE: UTILITY 4"x4"x12" NOMINAL | |
| COLOR: WHITE LINEN | 3-5/8"x3-5/8"x11-5/8" | |
| TEXTURE: FINE | | EXTERIOR PAINT |
| EIFS3 MFG: DRYVIT | BRF-2 MFG: GLEN-GERY BRICK | PT-7 MFG: BENJAMIN MOORE |
| COLOR: #522 LITE GRAY | BRICK: CANTON | COLOR: OC-37 GLACIER WHITE |
| TEXTURE: SANDBLAST DPR | TEXTURE: MOLDED | NOTE: EXTERIOR EIFS REFRESH |
| | SIZE: MODULAR 3-5/8"x2-1/4"x7-5/8" | PT-8 MFG: SHERWIN WILLIAMS |
| | | COLOR: OFF WHITE SW9166 |
| | | NOTE: STEEL LINTELS ABOVE WINDOWS |

ELEVATION KEYNOTES

E-1	EIFS TO BE APPLIED. REFER TO THE SECTION TAG FOR MORE INFORMATION.
E-2	EXISTING BRICK FINISH
E-3	EXISTING SHINGLE ROOF FINISH
E-4	EXISTING SIAMESE CONNECTION. SEE SPRINKLER DRAWINGS FOR ADDITIONAL INFORMATION.
E-5	NEW DRIVE UP EQUIPMENT/ VAT TUBE
E-6	BRICK INFILL. TOOTH IN AS REQUIRED. COLOR TO MATCH ADJACENT BRICK FINISH
E-7	NOT USED
E-8	NEW GUTTER AND DOWNSPOUT. MATCH WHITE LINEN.
E-9	EPT-1 TO BE APPLIED. REFER TO EXTERIOR FINISH SCHEDULE.
E-10	NEW DRIVE-THRU BANNER



1 EXTERIOR ELEVATION- WEST
SCALE: 1/4" = 1'-0"



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

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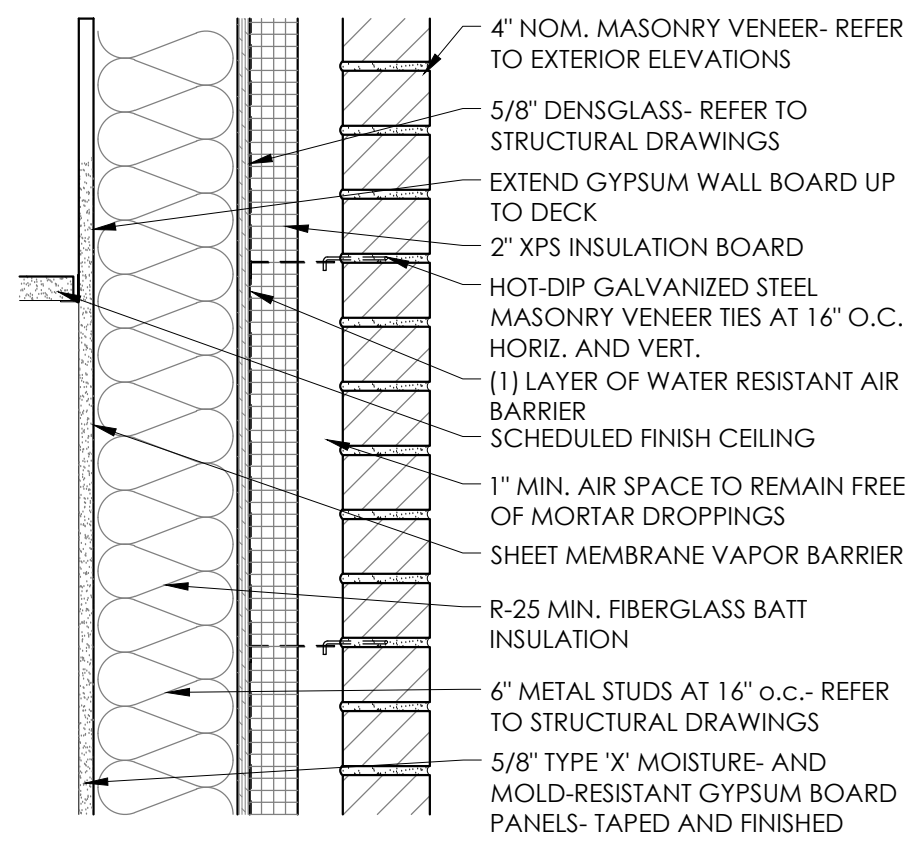
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAREZ

SHEET TITLE
**EXTERIOR ELEVATIONS
NORTH AND WEST**

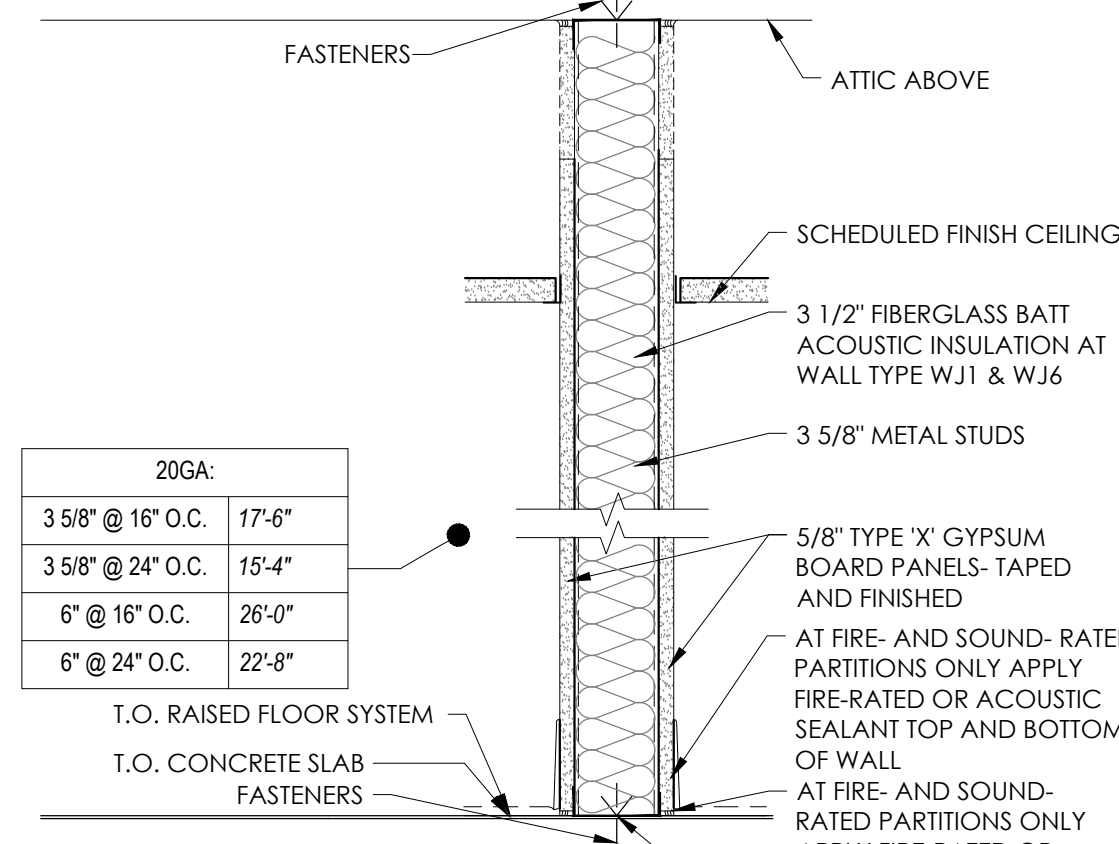
SHEET NUMBER
A-201

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Monday, October 25, 2021 3:26:26 PM
David Whitehouse

NOT FOR CONSTRUCTION



- WB EXTERIOR FRAME WALL WITH MASONRY VENEER - VERIFY FIRE RATING REQUIRED
- WB1 EXTERIOR FRAME WALL WITH MASONRY VENEER - SAME AS WB EXCEPT REPLACE 6\"/>
- WB2 EXTERIOR FRAME WALL WITH MASONRY VENEER - FIRE RATED SAME AS WB EXCEPT 8\"/>
- WB3 EXTERIOR FRAME WALL WITH MASONRY VENEER - FIRE RATED SAME AS WB EXCEPT REPLACE 8\"/>



- | 20GA: | | |
|-----------|--|--|
| 3 5/8\"/> | | |
- WJ1 TYPICAL INTERIOR PARTITION - NO FIRE RATING U.N.O.
 - WJ2 INTERIOR SOUND-RATED PARTITION - NO FIRE RATING U.N.O.
 - WJ3 INTERIOR SINGLE-SIDE PARTITION - SAME AS WJ EXCEPT OMIT GYP. BD. ONE SIDE
 - WJ4 SPANDREL INFILL - SAME AS WJ EXCEPT SUBSTITUTE 1/2\"/>
 - WJ5 4\"/>
 - WJ6 6\"/>
 - WJ7 BALLISTIC PARTITION - SAME AS WJ EXCEPT ADD 5/16\"/>
 - WJ8 1-HOUR FIRE-RATED PARTITION - CONSTRUCTED TO COMPLY WITH U.L. TYPE U419.

2 WALL TYPES ILLUSTRATED
SCALE: 1 1/2\"/>

EXTERIOR WALL ASSEMBLIES

EXTERIOR WALL ASSEMBLY [1]

- EIFS - FROM EXTERIOR TO INTERIOR
- DRAINAGE EIFS SYSTEM (NOT BARRIER) CONSISTING OF CONTINUOUS 2\"/>
 - OVER 5/8\"/>
 - 8\"/>
 - CONTINUOUS R-19 BATT INSULATION (FULL WALL HEIGHT).
 - METAL STUD PACK-OUT (WHERE OCCURS; REF. SHEETS A-100).
 - SUBSTRATE PER PLAN (OCCUPIED SPACES ONLY); REF. SHEET A-100 & A-702.

EXTERIOR WALL ASSEMBLY [2] [NOT USED]

- COMPOSITE PANEL - FROM EXTERIOR TO INTERIOR
- COMPOSITE PVC & WOOD FIBER (WPC) OUTDOOR CLADDING PLANKS ATTACHED TO 2X WOOD FRAMING PER MANUFACTURER'S INSTRUCTIONS; SEE EXTERIOR FINISH SCHEDULE ON A-300 FOR MAKE & MODEL.
 - OVER CONTINUOUS SELF-SEALING MEMBRANE/COATING.
 - OVER 5/8\"/>
 - 6\"/>
 - CONTINUOUS R-19 BATT INSULATION (FULL WALL HEIGHT).
 - METAL STUD PACK-OUT (WHERE OCCURS; REF. SHEETS A-100).
 - SUBSTRATE PER PLAN (OCCUPIED SPACES ONLY); REF. SHEET A-100 & A-702.

EXTERIOR WALL ASSEMBLY [3] [NOT USED]

- PRE-CAST STONE VENEER - FROM EXTERIOR TO INTERIOR
- CULTURED STONE VENEER (SEE ELEVATION NOTES FOR MANUFACTURER AND COLOR). INSTALL PER MANUFACTURER'S RECOMMENDATIONS
 - OVER MORTAR/SCRATCH COAT/SETTING BED
 - OVER GALVANIZED METAL LATH
 - OVER CEMENT BACKER BOARD; INSTALL LOCAL CODE REQUIREMENTS.
 - 6\"/>
 - SUBSTRATE PER PLAN (OCCUPIED SPACES ONLY); REF. SHEET A-100 & A-702.

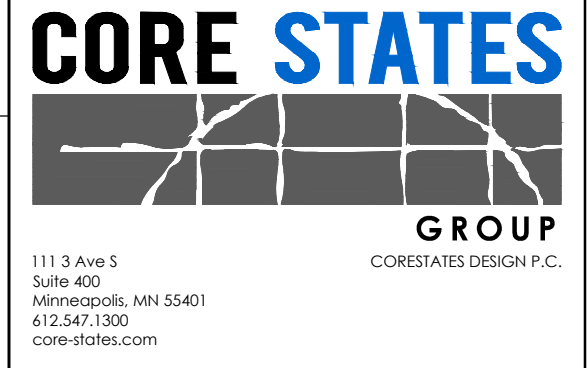
EXTERIOR WALL ASSEMBLY [4] [NOT USED]

- METAL PANEL - FROM EXTERIOR TO INTERIOR
- 48\"/>
 - OVER 2 LAYERS WEATHER-RESISTIVE BARRIER.
 - OVER EXTERIOR DENS GLASS SHEATHING; INSTALL LOCAL CODE REQUIREMENTS.
 - 3-5/8\"/>

GENERIC SECTION NOTES

- REFERENCE STRUCTURAL DRAWINGS FOR ALL EXTERIOR WALL METAL STUD FRAMING GAUGE & SPACING, ETC.
- G.C. TO PROVIDE BLOCKING FOR SIGNAGE AWNING ATTACHMENT; COORDINATE WITH VENDOR(S).
- FULL DEPTH FIRE BLOCKING TO BE PROVIDED AT 10'-0\"/>
- INSTALL ROOFING MEMBRANE ON RIGID INSULATION PER MANUFACTURER'S INSTRUCTIONS; REFER TO ROOF PLAN ON A-107 FOR PRODUCT SPECIFICATIONS.
- REFER TO A-104, A-300, & LIGHTING DESIGN PACKAGE FOR LOCATIONS OF LIGHT FIXTURES.
- BOTTOM OF CONCRETE FOOTINGS AT FULL HEIGHT EXTERIOR WALLS TO BE POURED TO AT LEAST FROST DEPTH; REFER TO STRUCTURAL DRAWINGS FOR EXACT GEOMETRY & CONSTRUCTION.
- METAL PANEL
REFER TO METAL PANEL MANUFACTURER'S SPECIFICATIONS & INSTRUCTIONS FOR ALL TERMINATIONS & TRIM PIECES. ALL TERMINATIONS & TRIM TO BE BY METAL PANEL MANUFACTURER WHERE PROVIDED.
- WALL INSULATION
PROVIDE REQUIRED LAYERS OF RIGID INSULATION TO MEET A MINIMUM CONTINUOUS R-19 INSULATION VALUE @ EXTERIOR WALLS TO RUN CONTINUOUS TO BOTTOM OF METAL DECK, U.N.O.
- G.C. TO VERIFY CEILING HEIGHT DOES NOT CONFLICT WITH THE SPACE REQUIRED TO ACCOMMODATE THE HVAC & LIGHTING SYSTEMS. G.C. TO NOTIFY ARCHITECT & OWNER IF CONFLICT OCCURS.
- ALL STRUCTURAL CONNECTIONS, FRAMING SIZE/SPACING, BLOCKING, ETC., SHOWN ON THESE SHEETS ARE TO BE VERIFIED WITH STRUCTURAL DRAWINGS.
INFORMATION ON STRUCTURAL DRAWINGS ARE TO TAKE PRECEDENCE.
- ALL BUILT-UP ROOFING TO MAINTAIN 1/4\"/>
- REFER TO SPECIFICATIONS FOR APPROVED MATERIALS & METHODS OF CONSTRUCTION. MATERIALS LISTED IN SPECIFICATIONS ARE TO SUPERCEDE ANY MATERIALS & METHODS DESCRIBED IN EXTERIOR WALL ASSEMBLIES ON THIS SHEET.
- SEE EXTERIOR FINISH SCHEDULE ON A-300 FOR MANUFACTURER, COLOR, ECT. OF EXTERIOR VENEERS, MATERIALS, & FINISHES FOR BUILDING.

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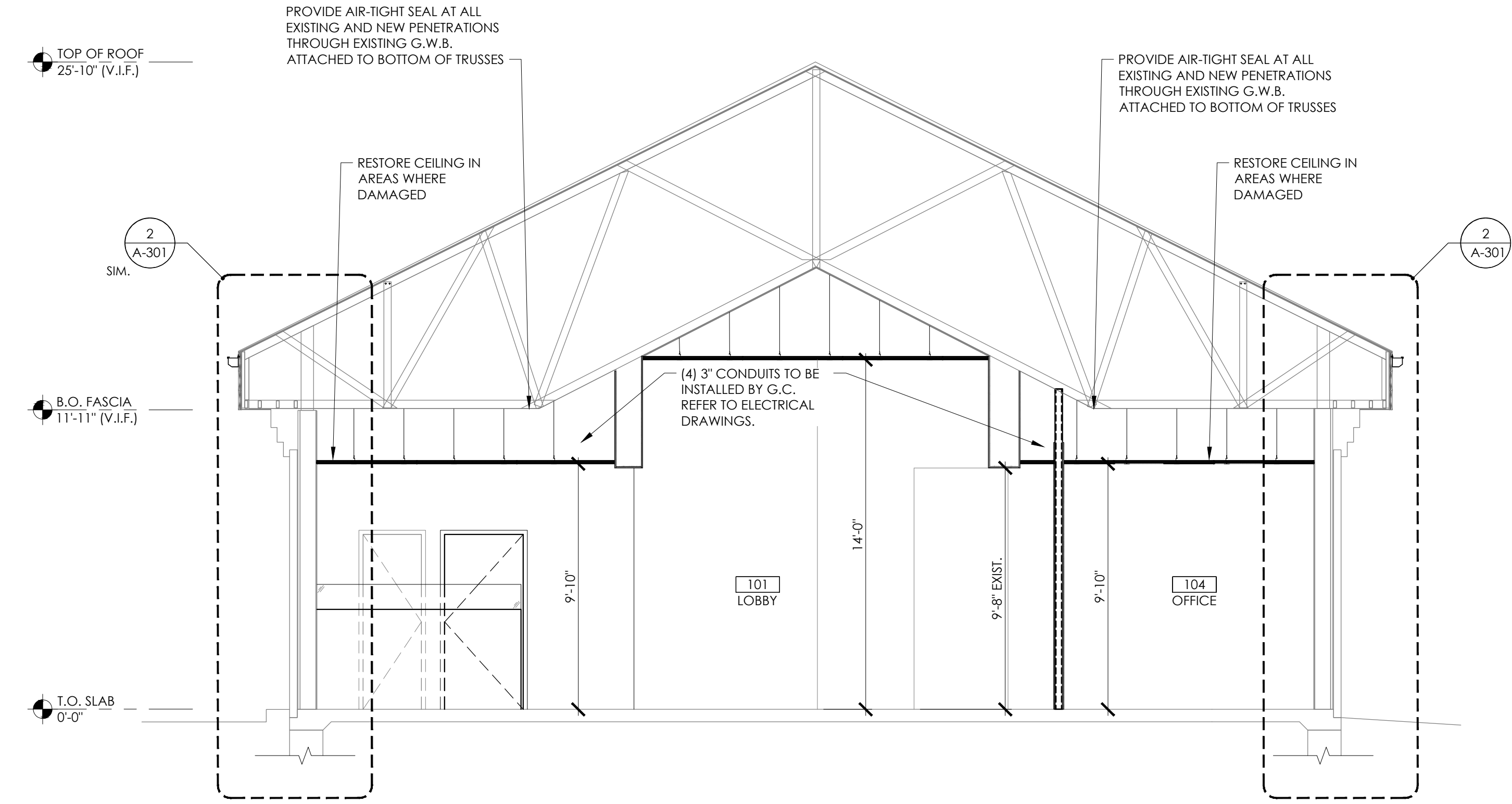
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of Minnesota.
Signature: _____ Patrick Biles
Date: _____
Registration No: 18079

ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION	
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAREZ

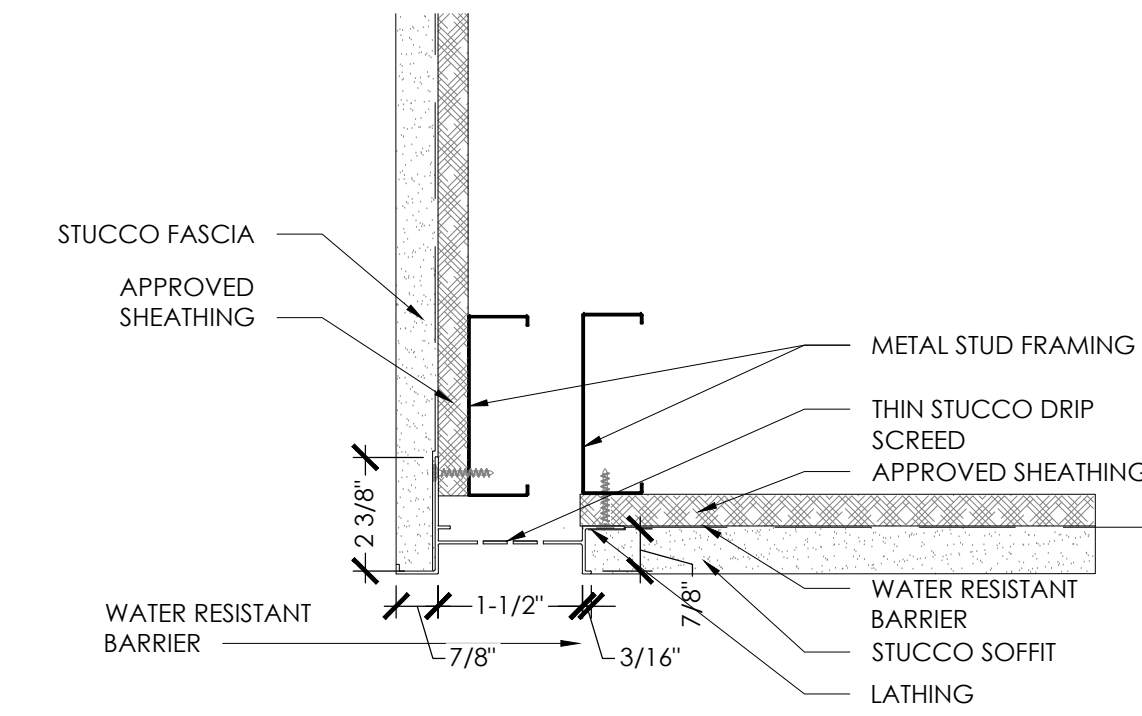
BUILDING SECTIONS AND PARTITION TYPES

SHEET NUMBER
A-300

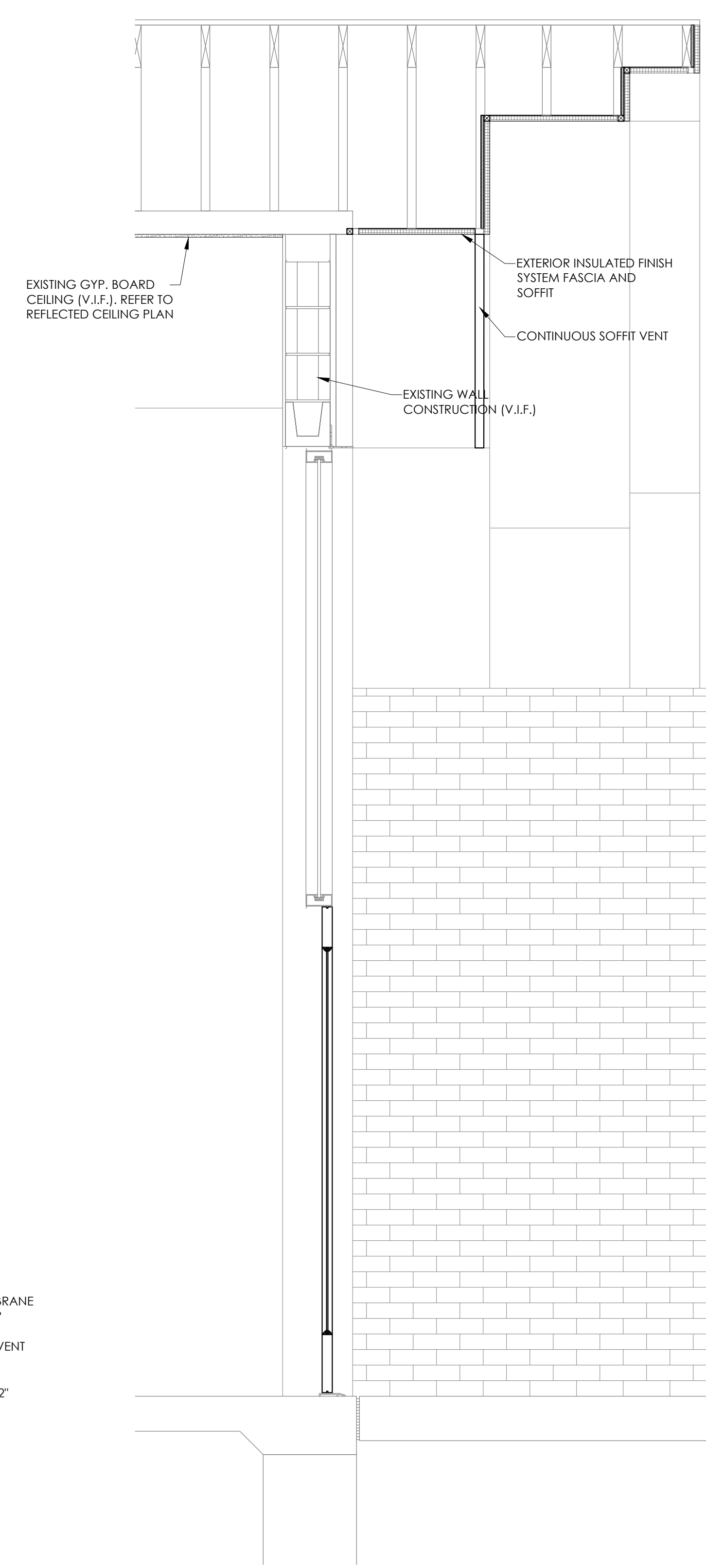


1 BUILDING SECTION
SCALE: 1/4\"/>

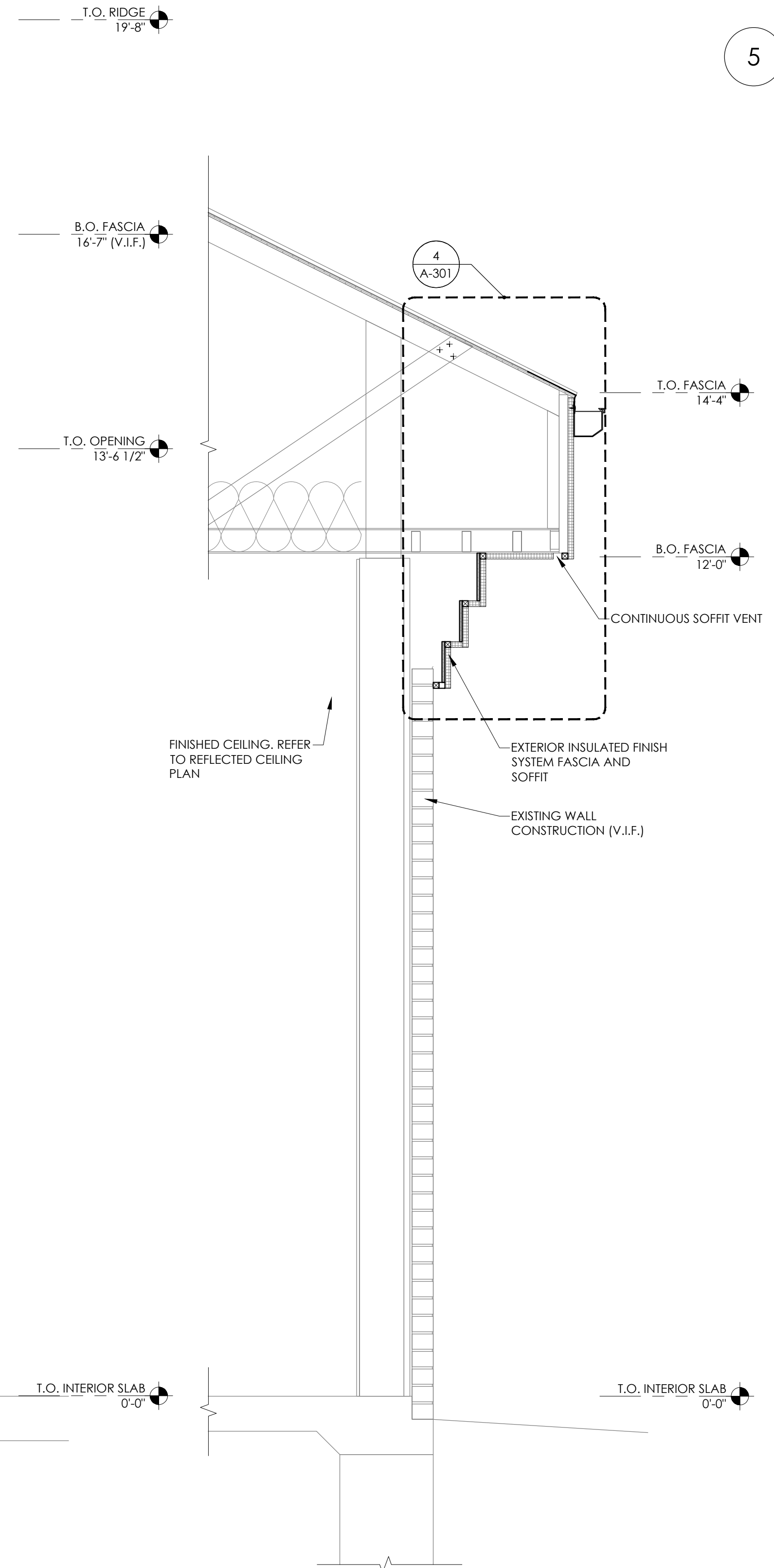
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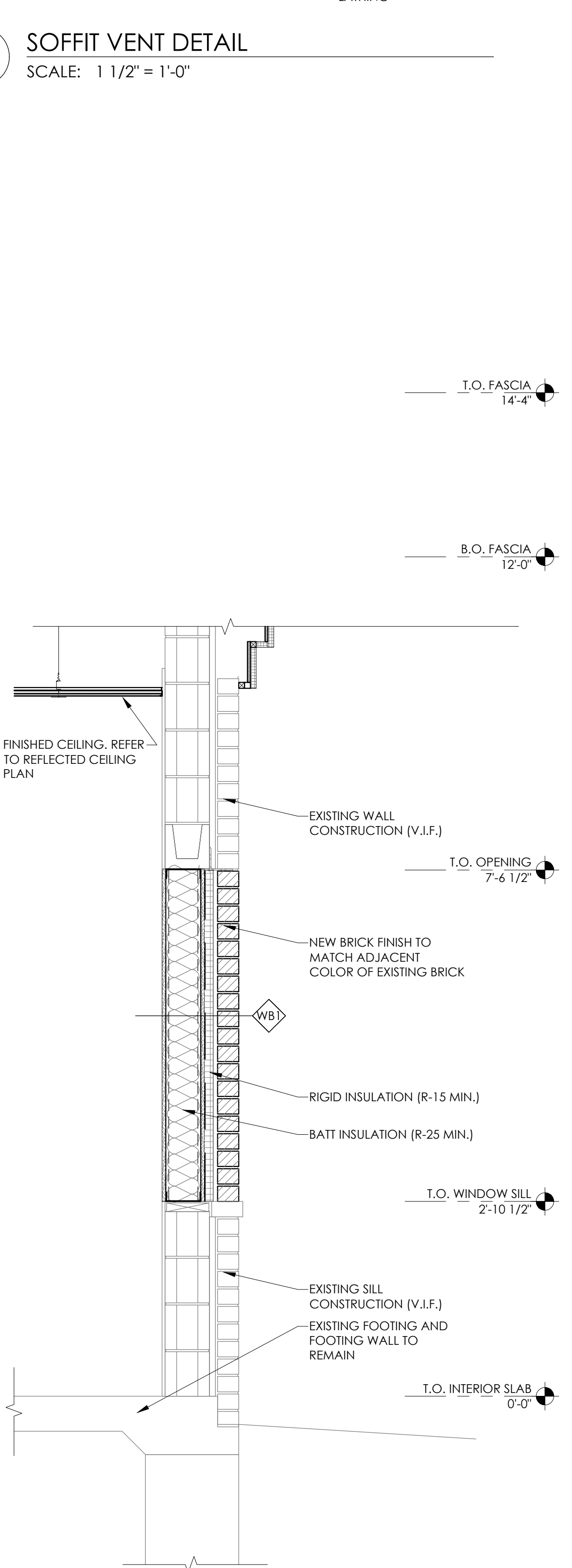
5 SOFFIT VENT DETAIL
SCALE: 1 1/2" = 1'-0"



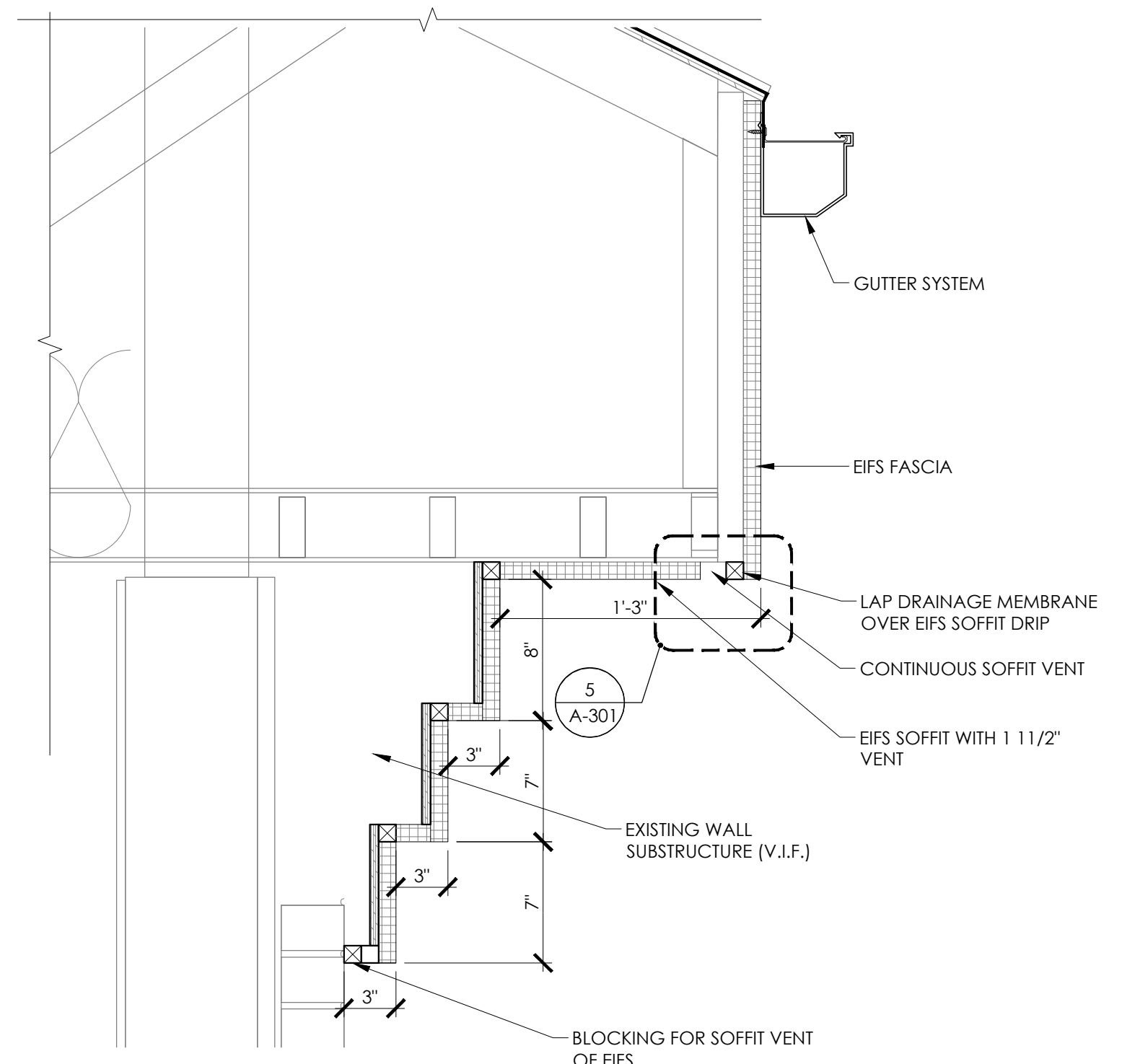
3 WALL SECTION
SCALE: 1'-0" = 1'-0"



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



1 WALL INFILL
SCALE: 1'-0" = 1'-0"



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

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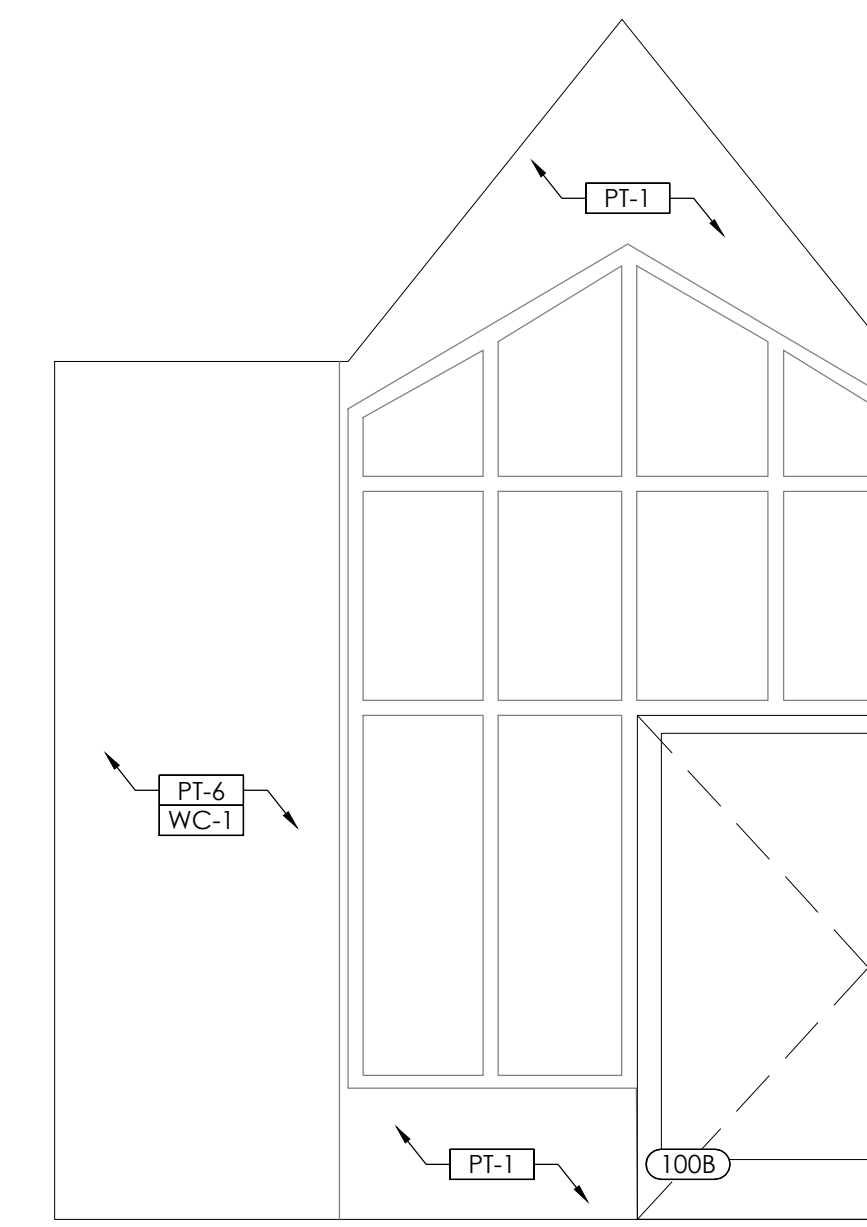
ISSUE	DATE	DESCRIPTION
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PROJECT INFORMATION
PROJECT NO: ONB.32396
DATE: 05.18.2021
SCALE: AS NOTED
DRAWN BY: D.WHITEHOUSE
CHECKED BY: V.ALVAREZ

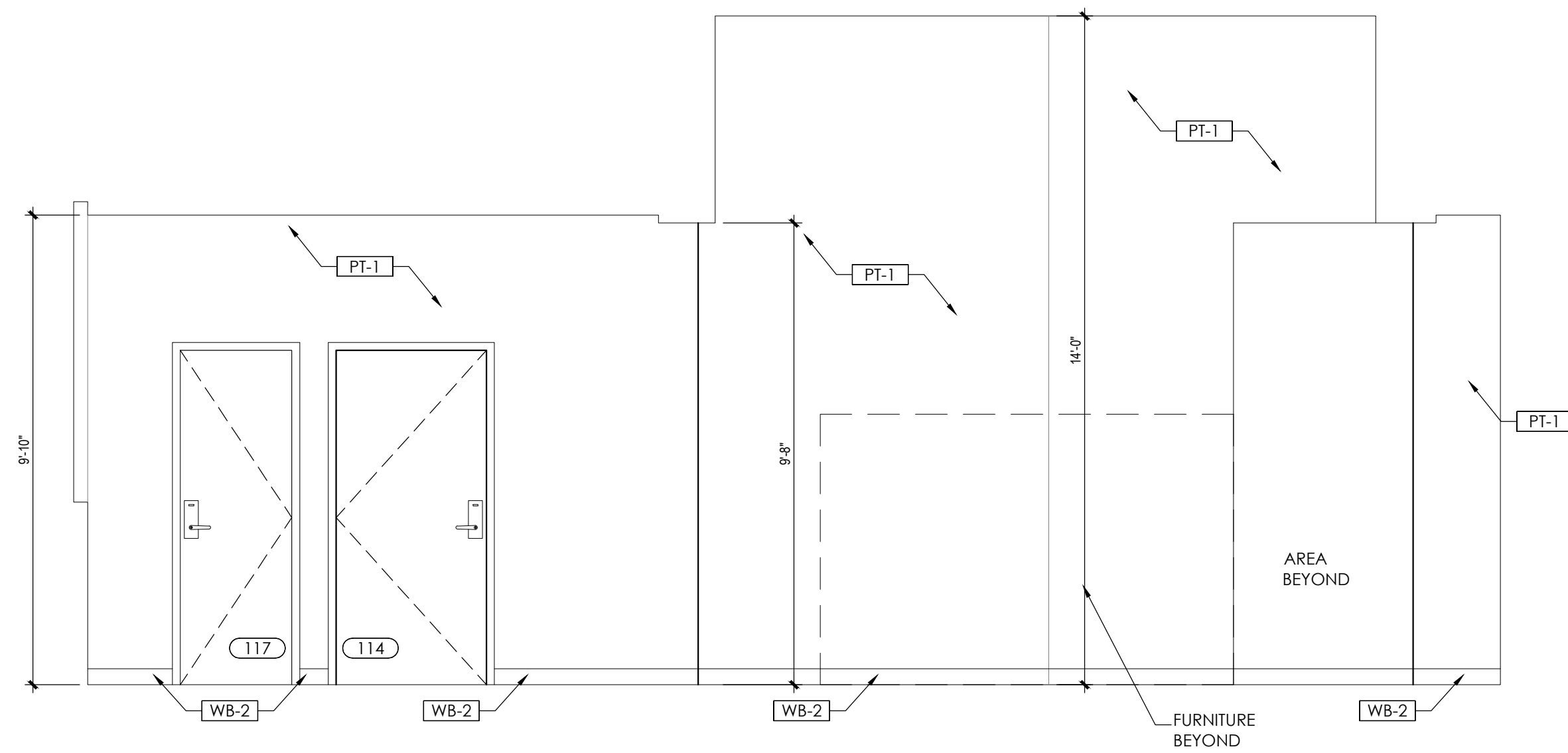
SHEET TITLE
WALL SECTIONS AND DETAILS
SHEET NUMBER
A-301

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David Whitehouse

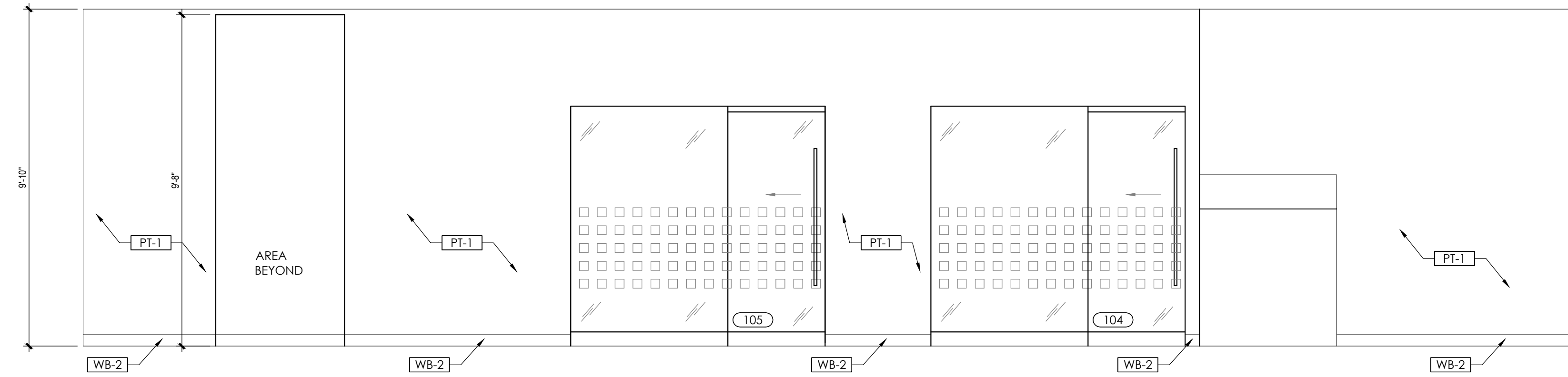
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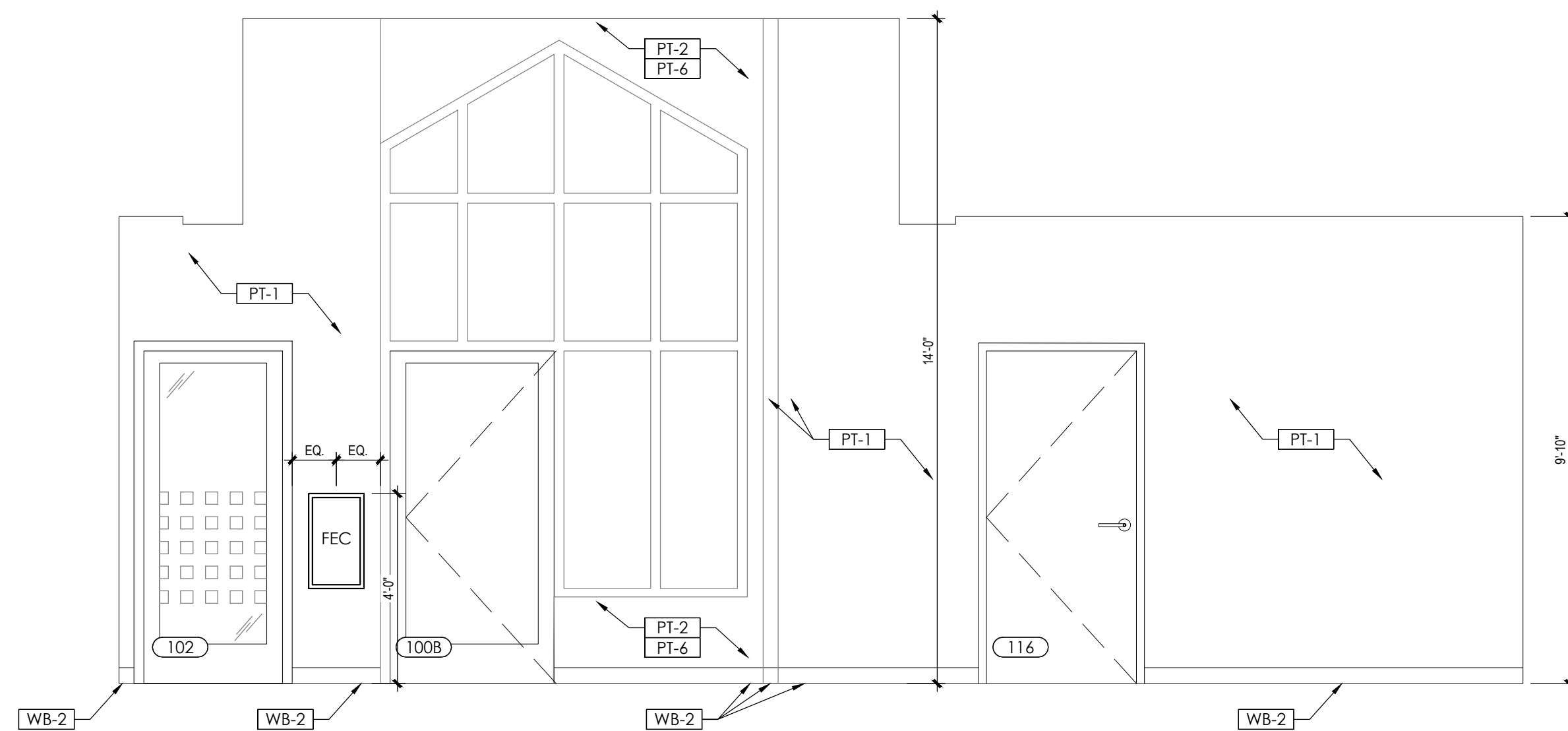
5 VESTIBULE INTERIOR ELEVATION
SCALE: 3/8" = 1'-0"



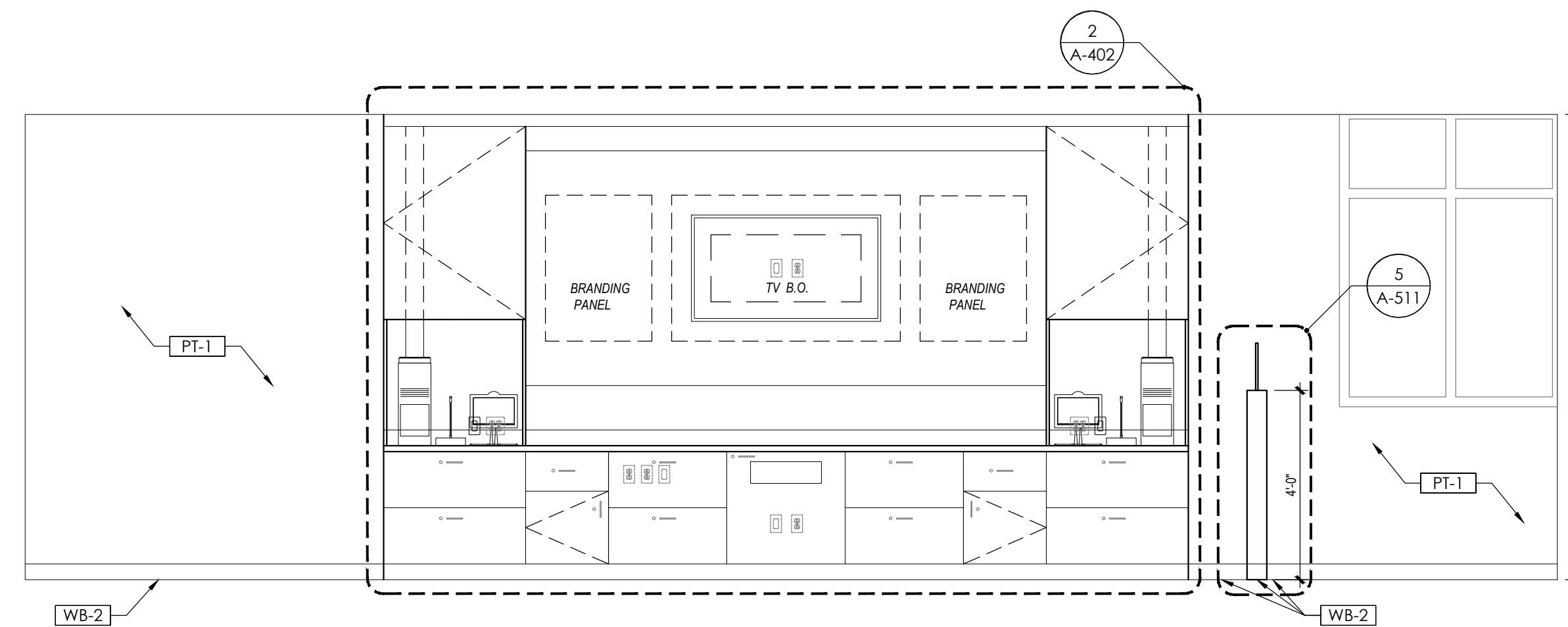
4 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0"



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



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



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

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SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
CHECKED BY:	V.ALVAREZ

SHEET TITLE
INTERIOR ELEVATIONS
(FRONT OF THE HOUSE)

SHEET NUMBER

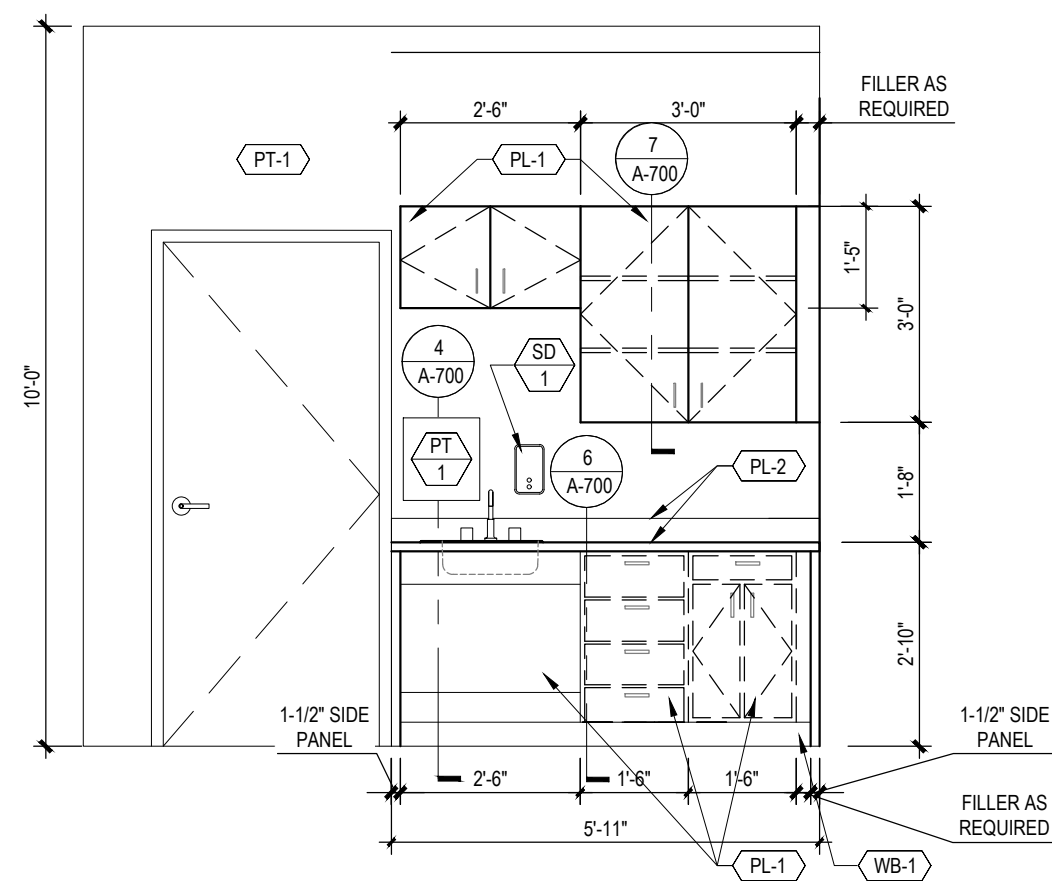
A-400

NOT FOR BID

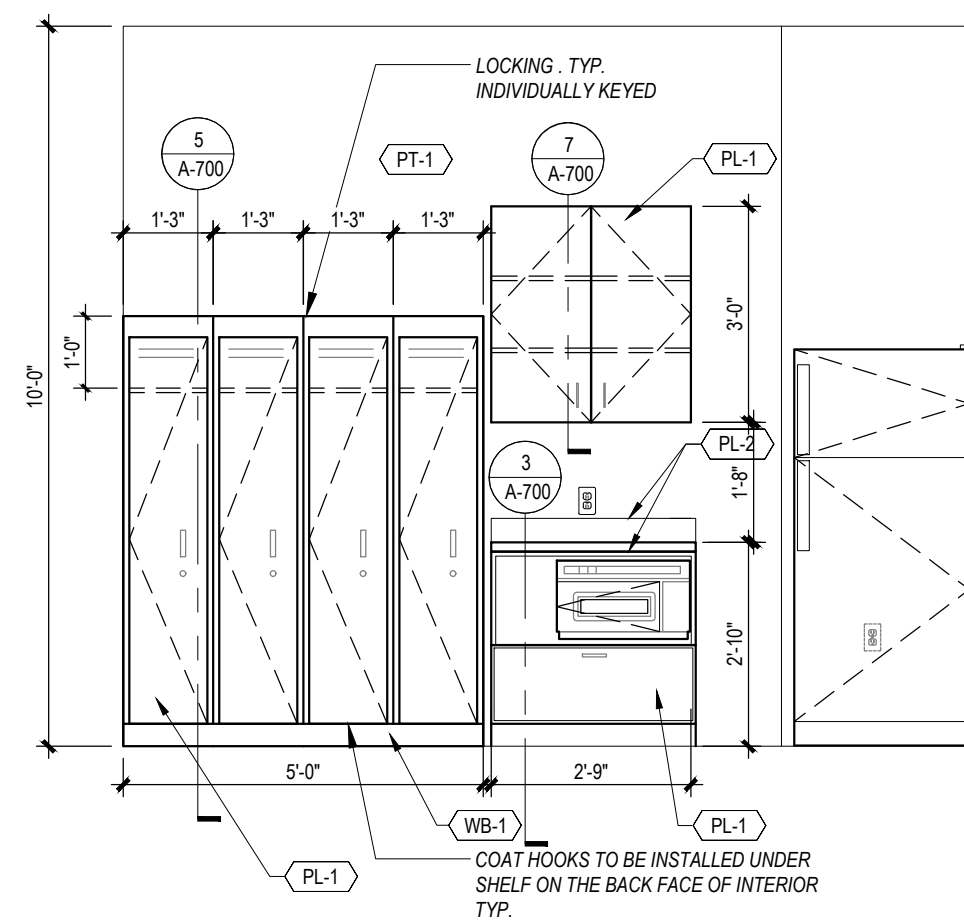
RESTROOM ACCESSORY SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	FINISH	COMMENTS
CH	COAT HOOK	GATCO	LATITUDE II	SATIN NICKEL	G.C. FURNISHED, G.C. INSTALLED
GB1	GRAB BARS	BRADLEY	812X32	STAINLESS STEEL	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
GB2	GRAB BARS	BRADLEY	812X42	STAINLESS STEEL	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
GB3	GRAB BARS	BRADLEY	812X18	STAINLESS STEEL	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. CONCEALED MOUNTING
MR	MIRROR	BRADLEY	747-XXXX W/ CLIP FASTENERS	-	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. INSTALL 3'-4" A.F.F. WILL NEED TO PROVIDE SPACER - WALL UNEVEN TILE TO WALL
PT	PAPER TOWEL DISPENSER - ROLL	GP GEORGIA PACIFIC	ENMOTION 59437A	-	PV FURNISHED, G.C. INSTALLED
SD	SOAP DISPENSER	GP GEORGIA PACIFIC	ENMOTION 53058	-	PV FURNISHED, G.C. INSTALLED
TP	TOILET TISSUE DISPENSER - DOUBLE	GATCO	LATITUDE II	SATIN NICKEL	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. 1'-7" TO BOTTOM OF ROLL, 9" FROM EDGE OF TOILET TO CENTER OF FIXTURE

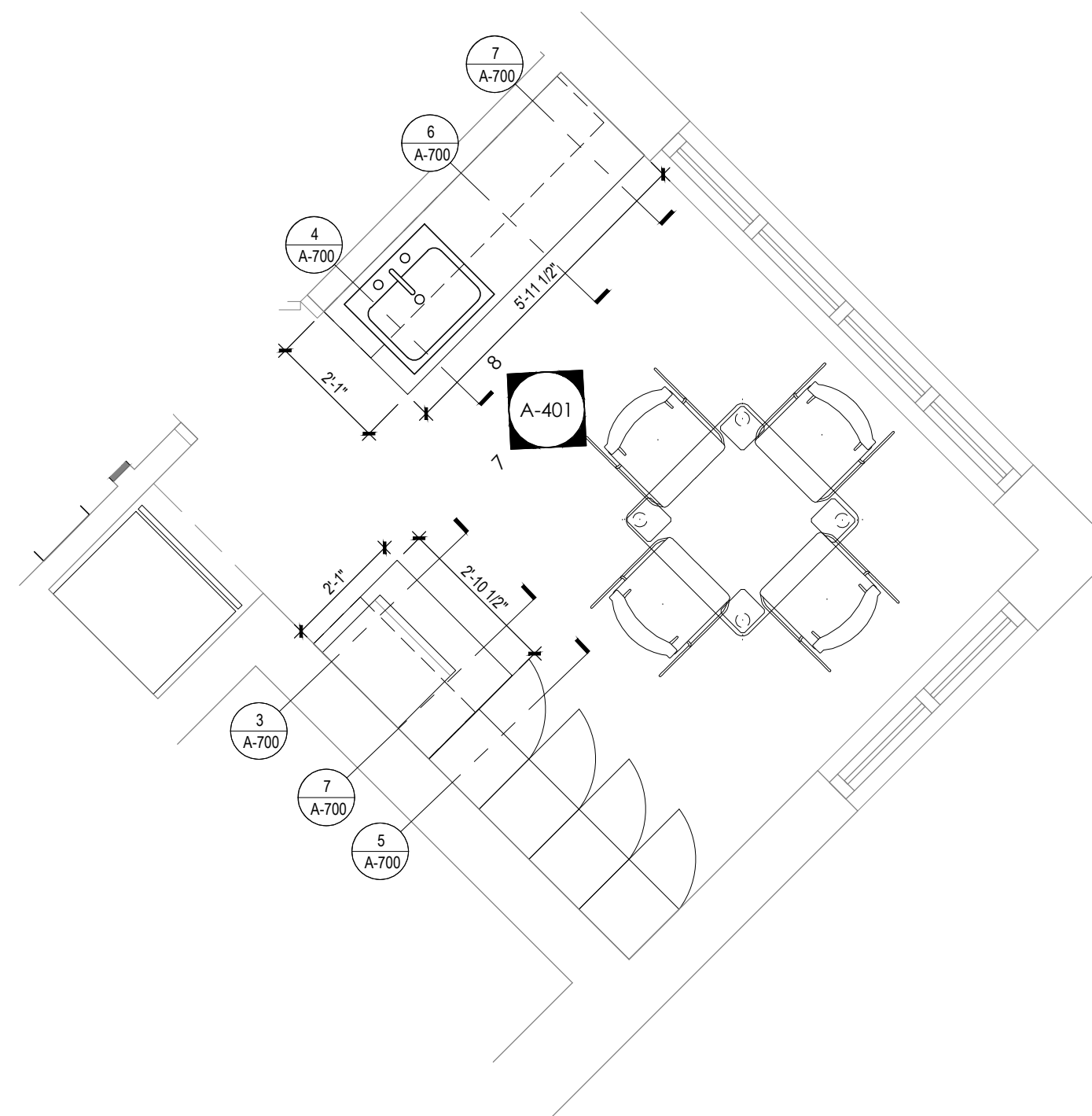
NOTE:
- PROVIDE WALL CLEATS/BLOCKING 3/4" PLYWOOD AT ALL TOILET PAPER HOLDERS, RAILS AND WALL MOUNTED ACCESSORIES PER PLAN IN RESTROOMS.



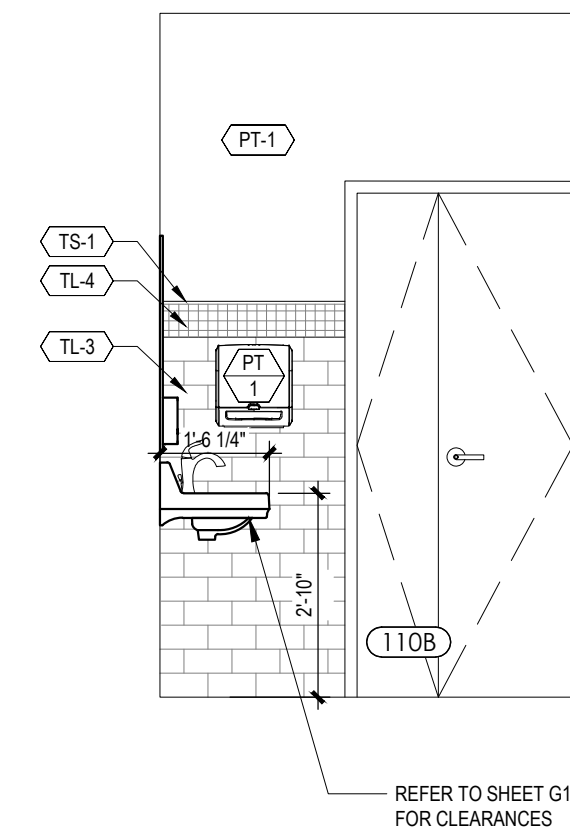
8 BREAKROOM ELEVATION
SCALE: 3/8" = 1'-0"



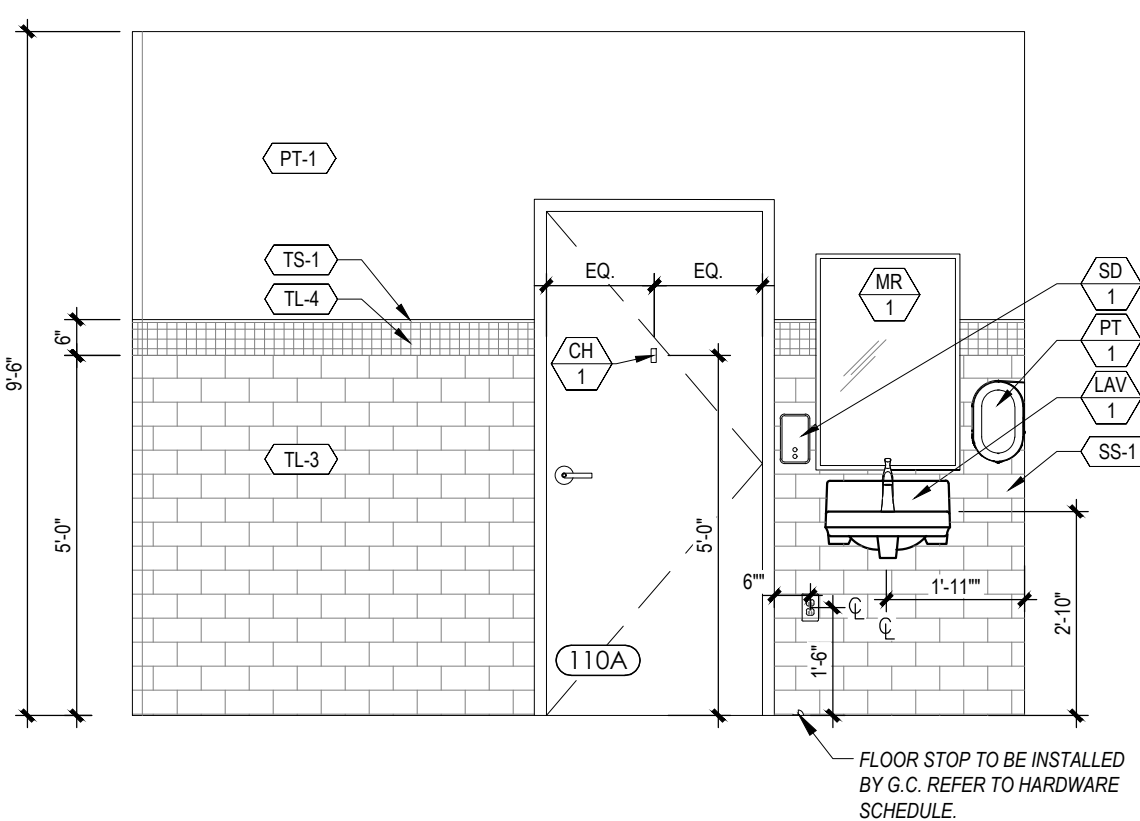
7 BREAKROOM ELEVATION
SCALE: 3/8" = 1'-0"



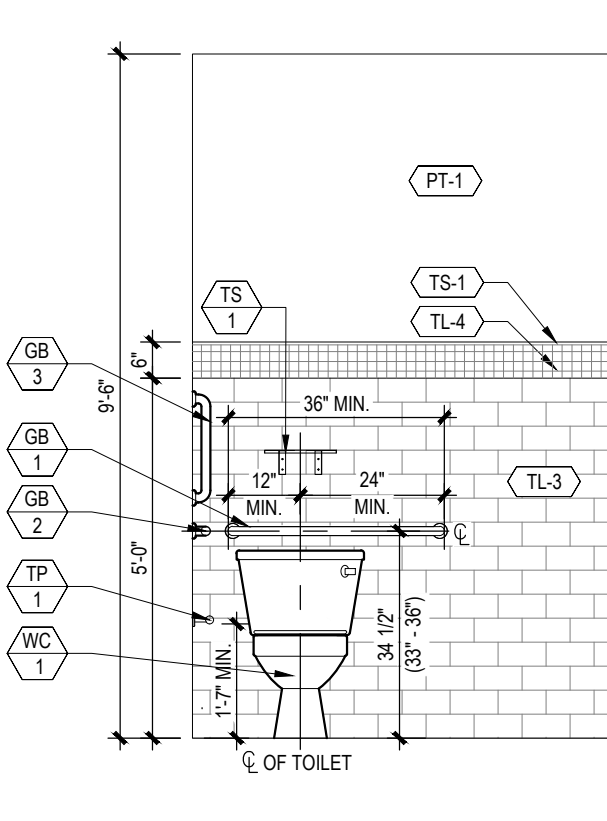
6 BREAKROOM ENLARGED PLAN
SCALE: 3/8" = 1'-0"



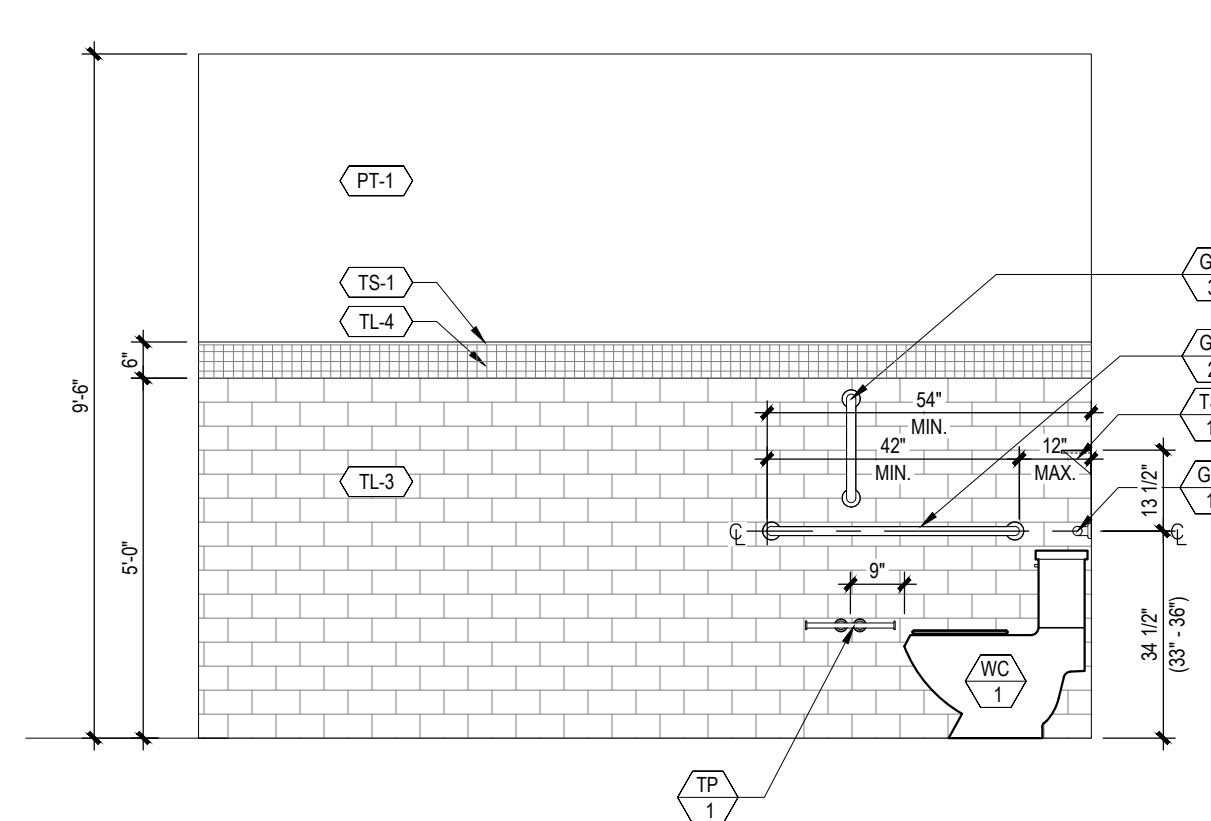
5 RESTROOM ELEVATION
SCALE: 3/8" = 1'-0"



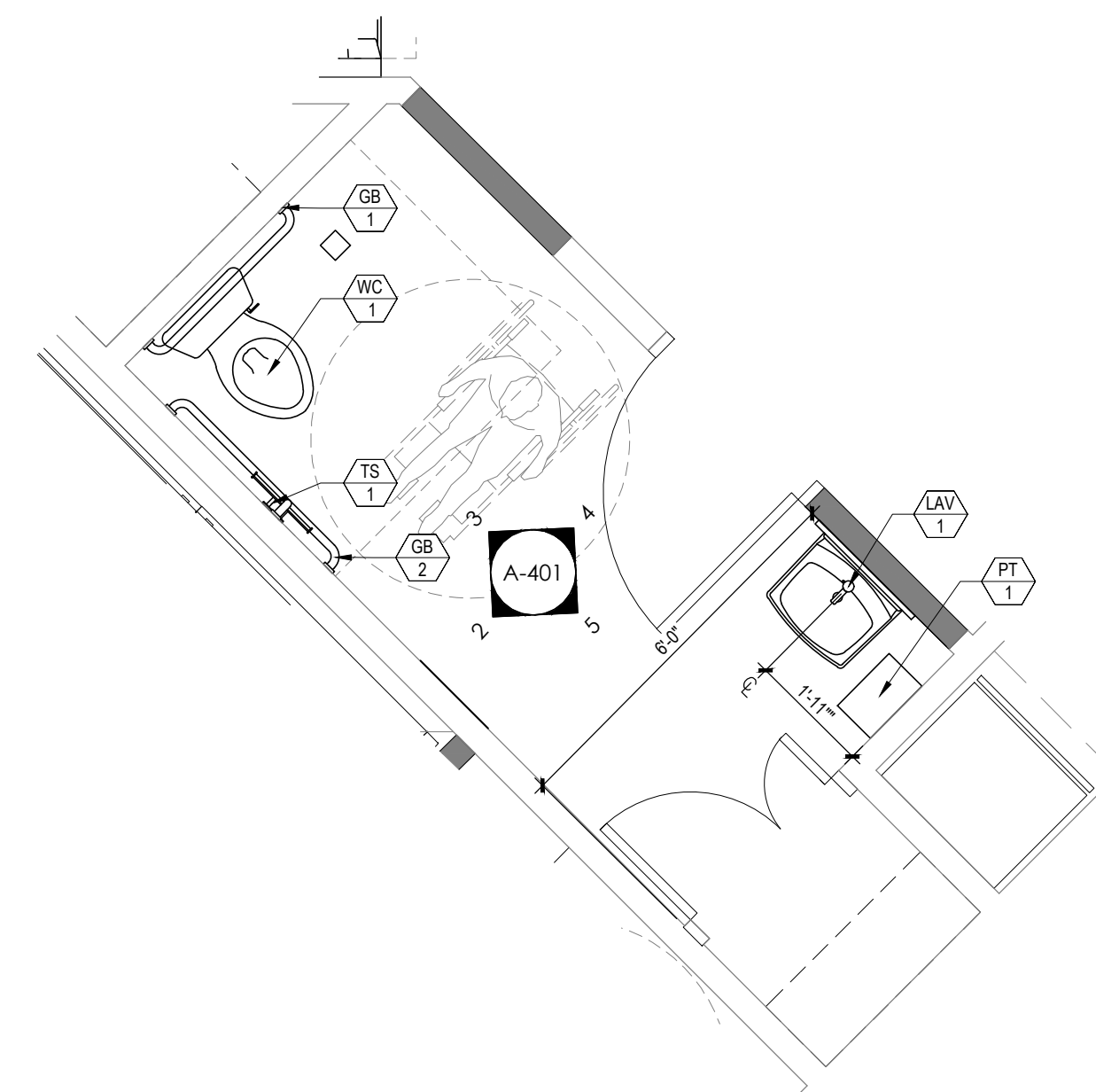
4 RESTROOM ELEVATION
SCALE: 3/8" = 1'-0"



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



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



1 RESTROOM ENLARGED PLAN
SCALE: 3/8" = 1'-0"

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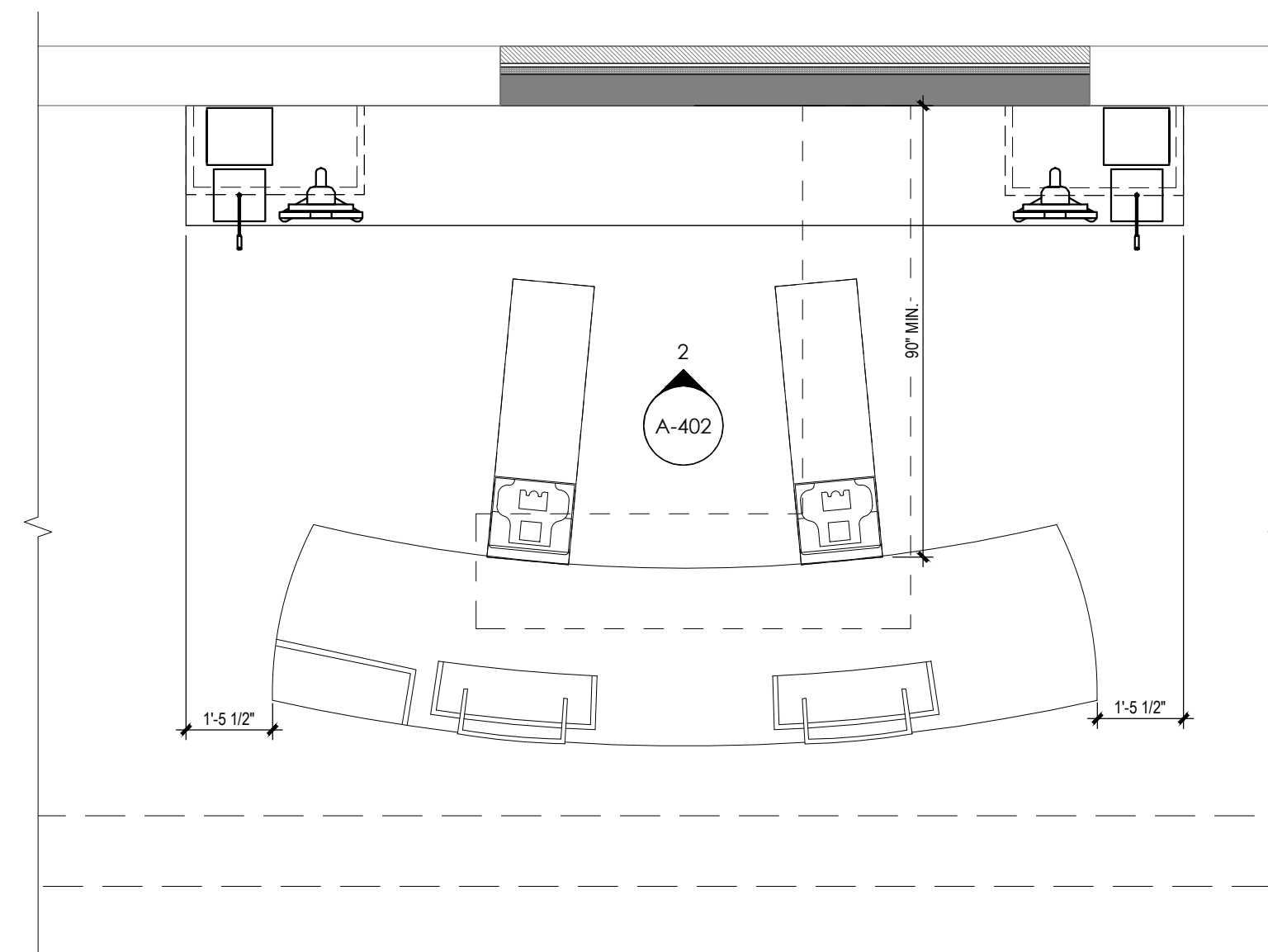
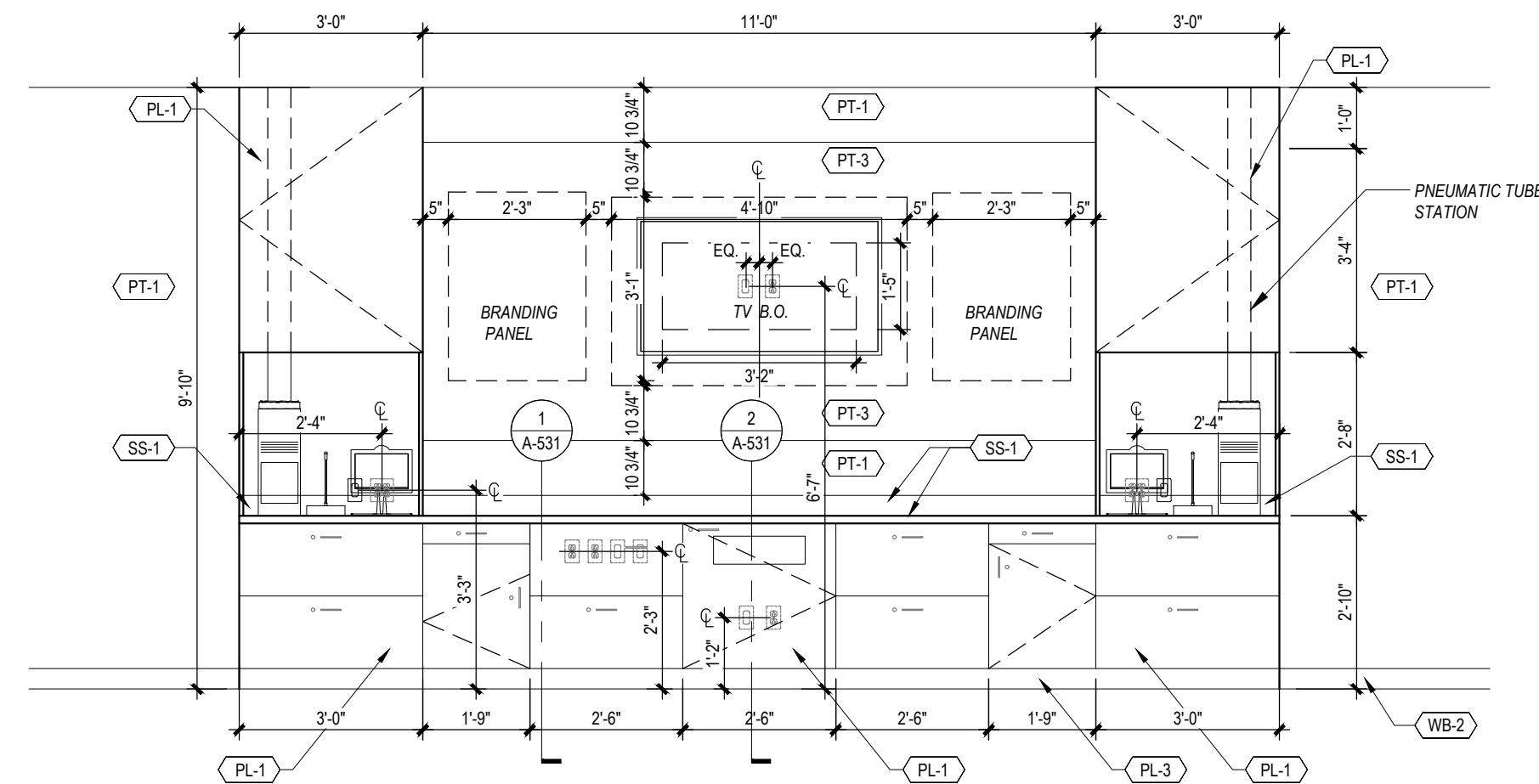
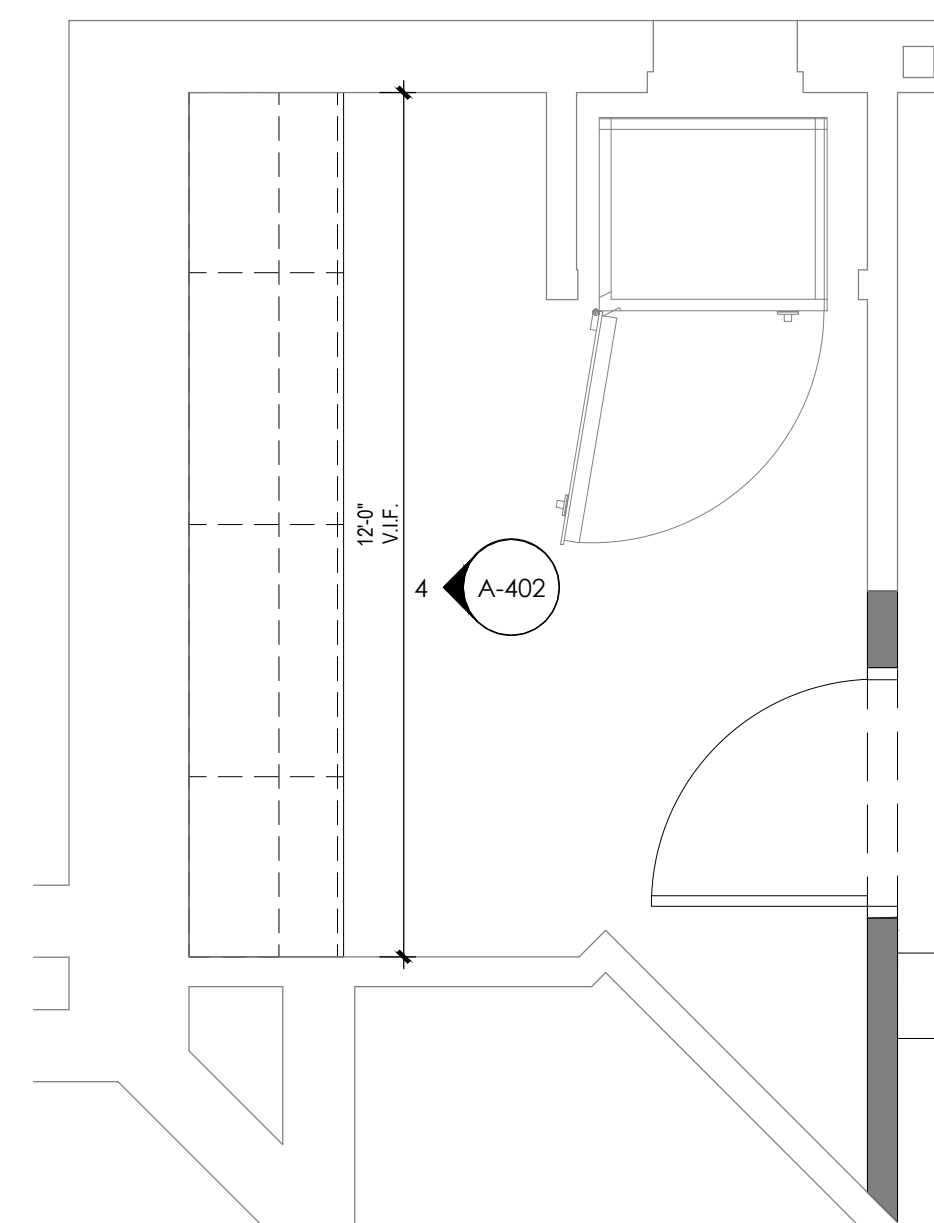
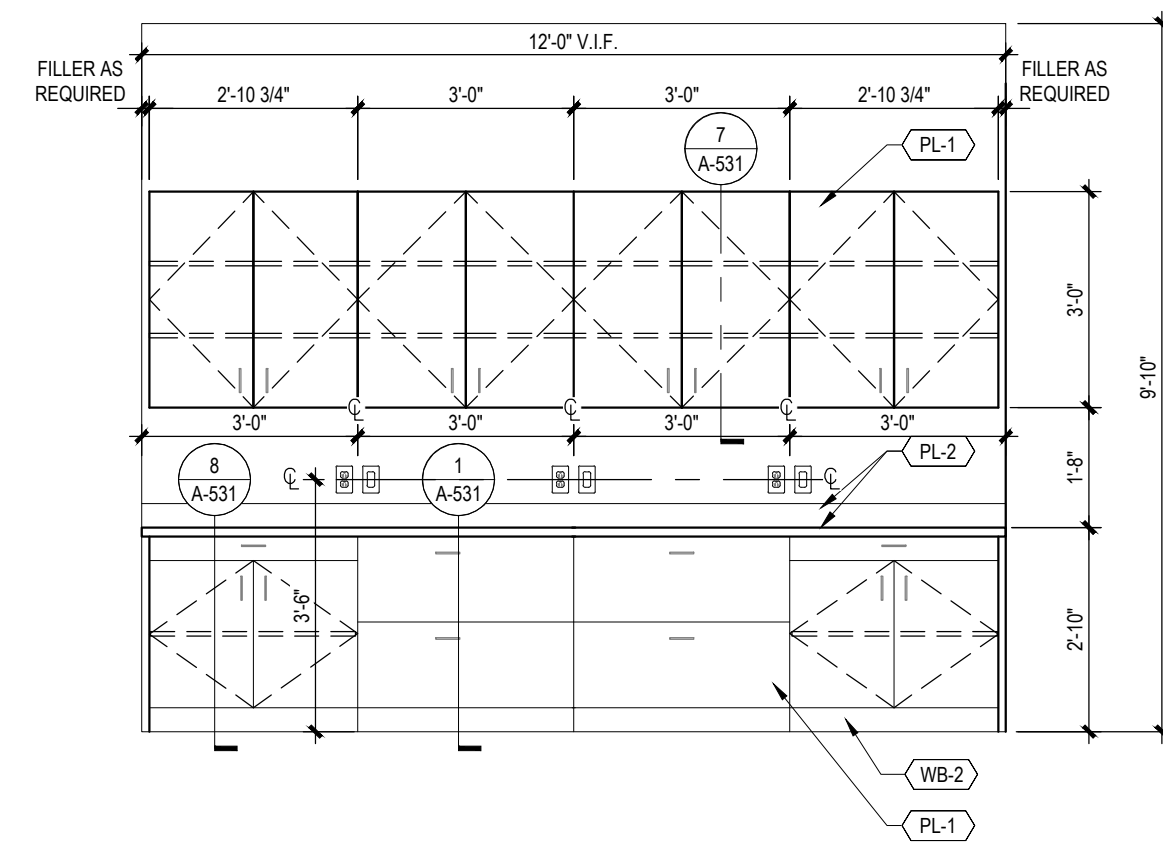
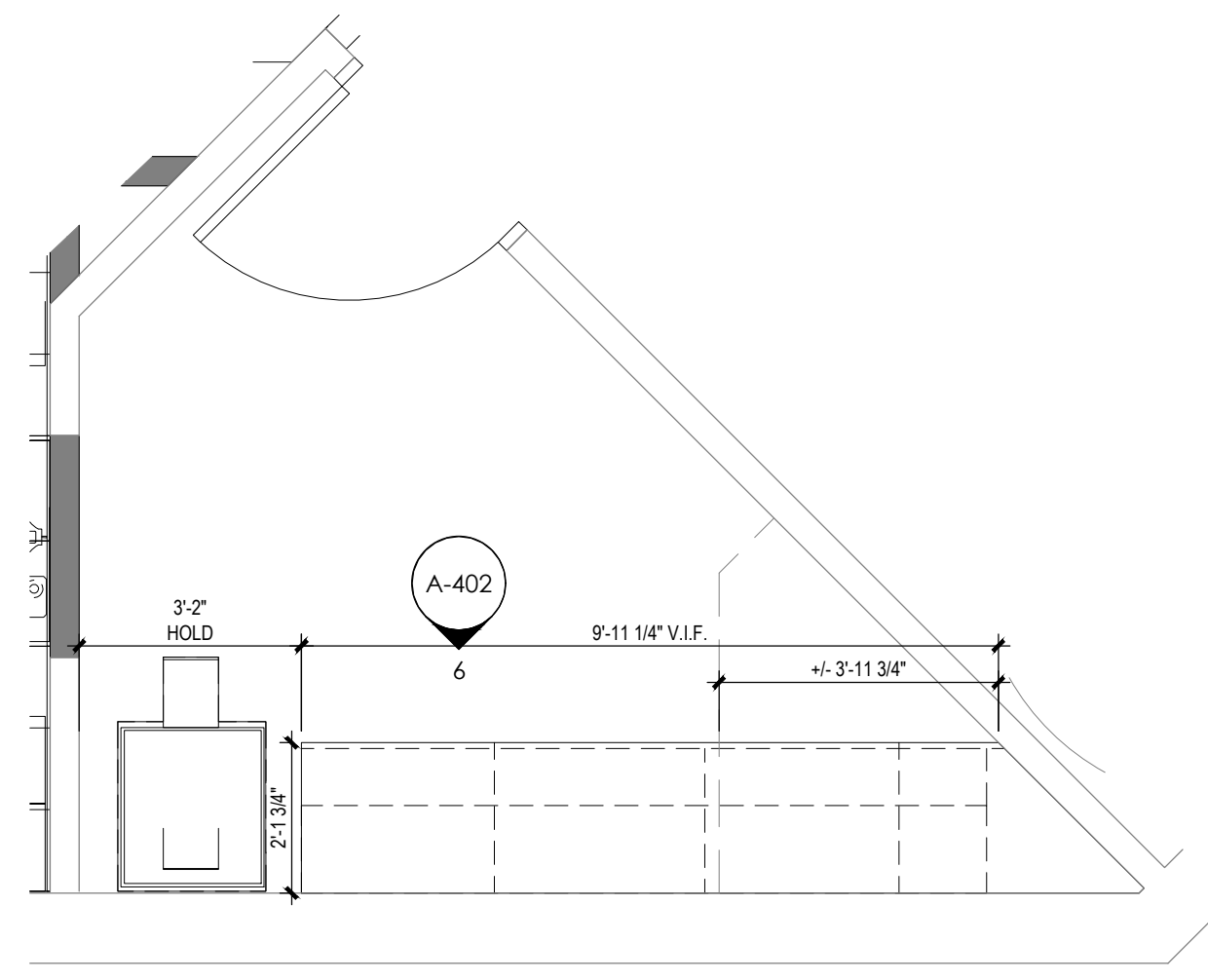
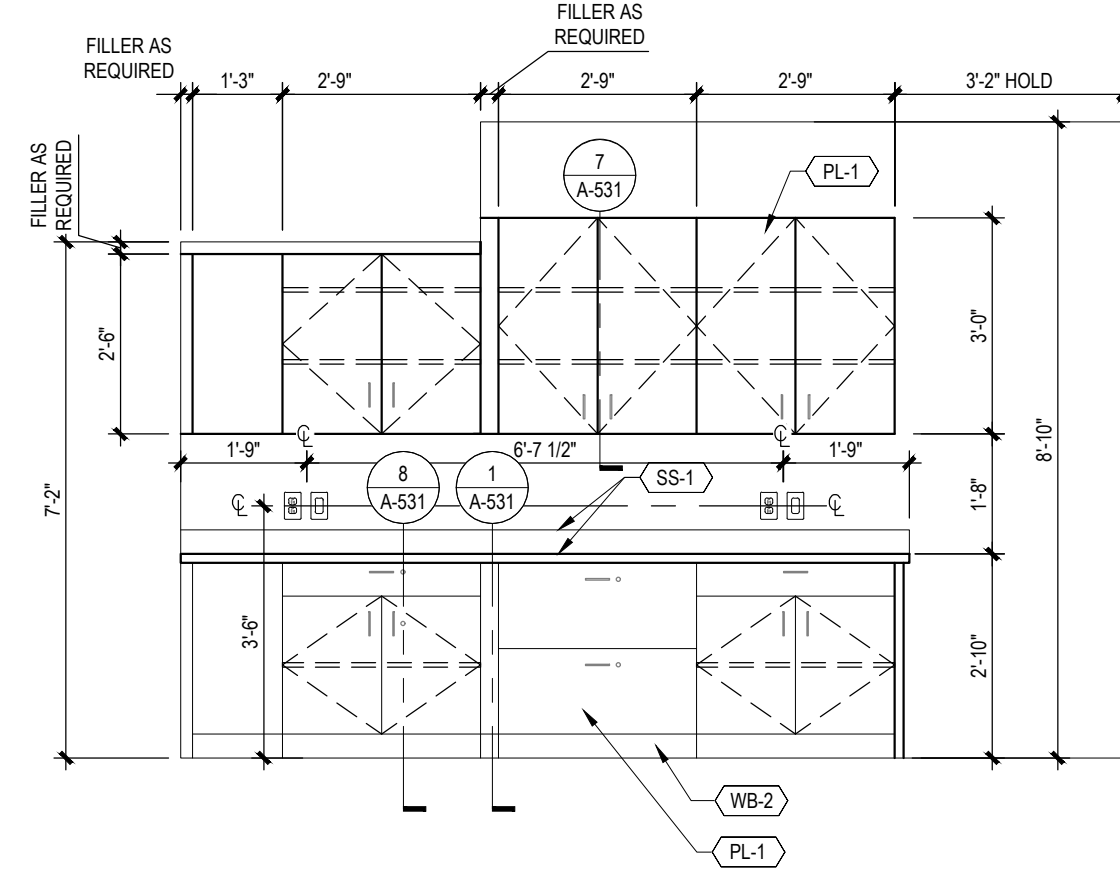
PROJECT INFORMATION
PROJECT NO: ONB.32396
DATE: 05.18.2021
SCALE: AS NOTED
DRAWN BY: D.WHITEHOUSE
CHECKED BY: V.ALVAREZ

SHEET TITLE
ENLARGED PLANS & ELEVATIONS-RESTROOM & BREAKROOM

SHEET NUMBER
A-401

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David Whitehouse
Friday, October 22, 2021 3:02:53 PM

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PROJECT INFORMATION

PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
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SHEET TITLE

ENLARGED PLANS & ELEVATIONS - TELLER / CASH ROOM / WORK ROOM

SHEET NUMBER

A-402

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ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION

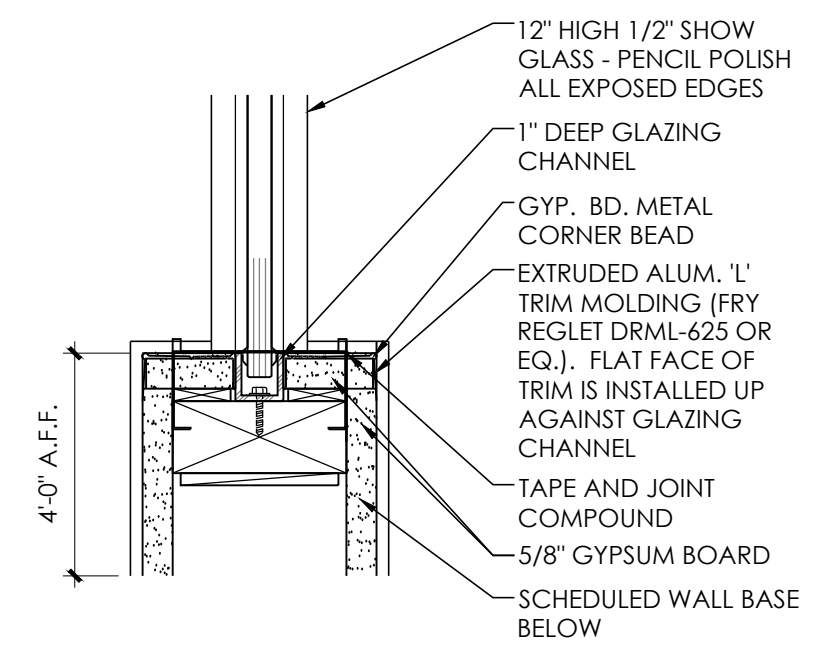
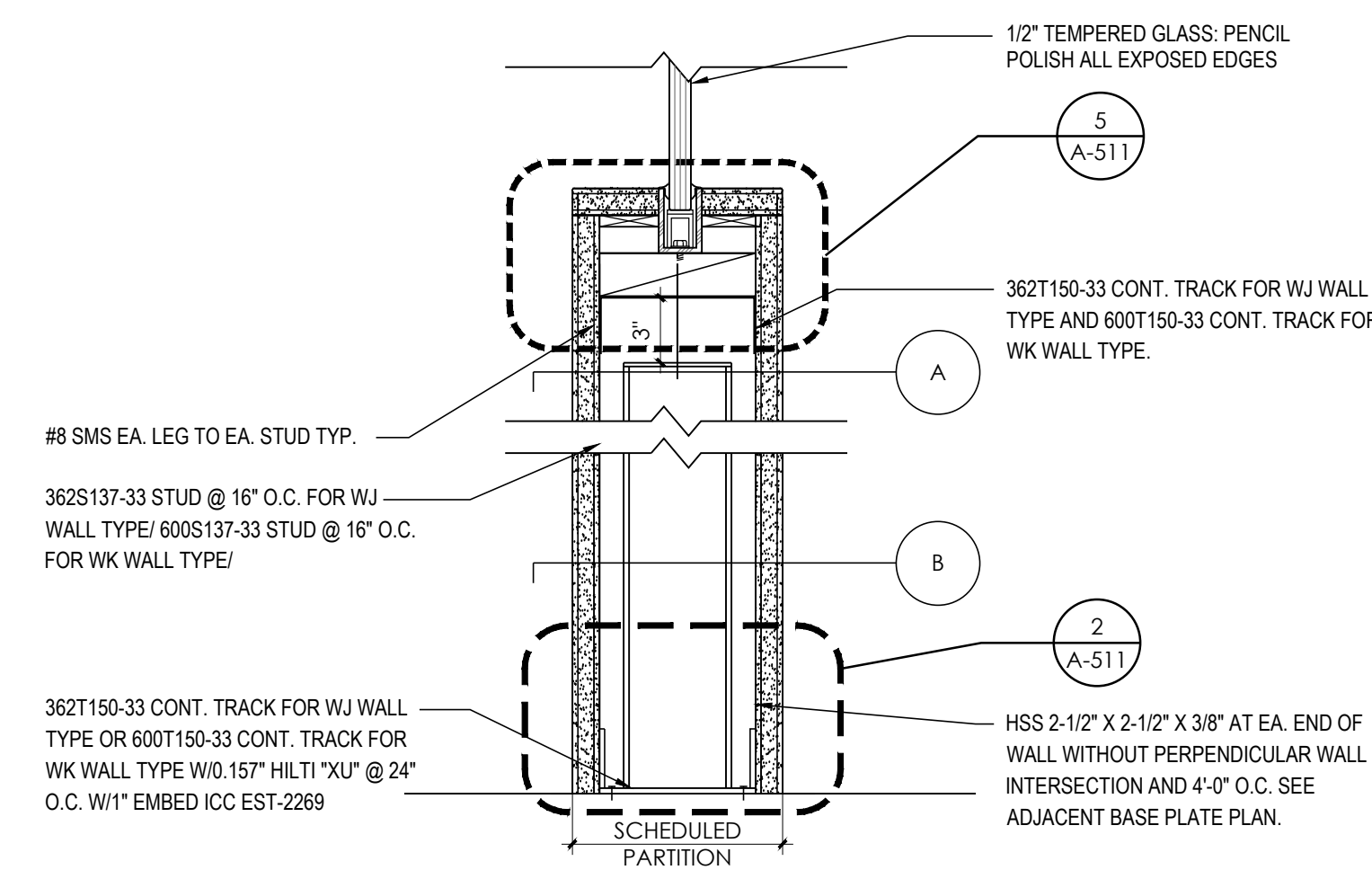
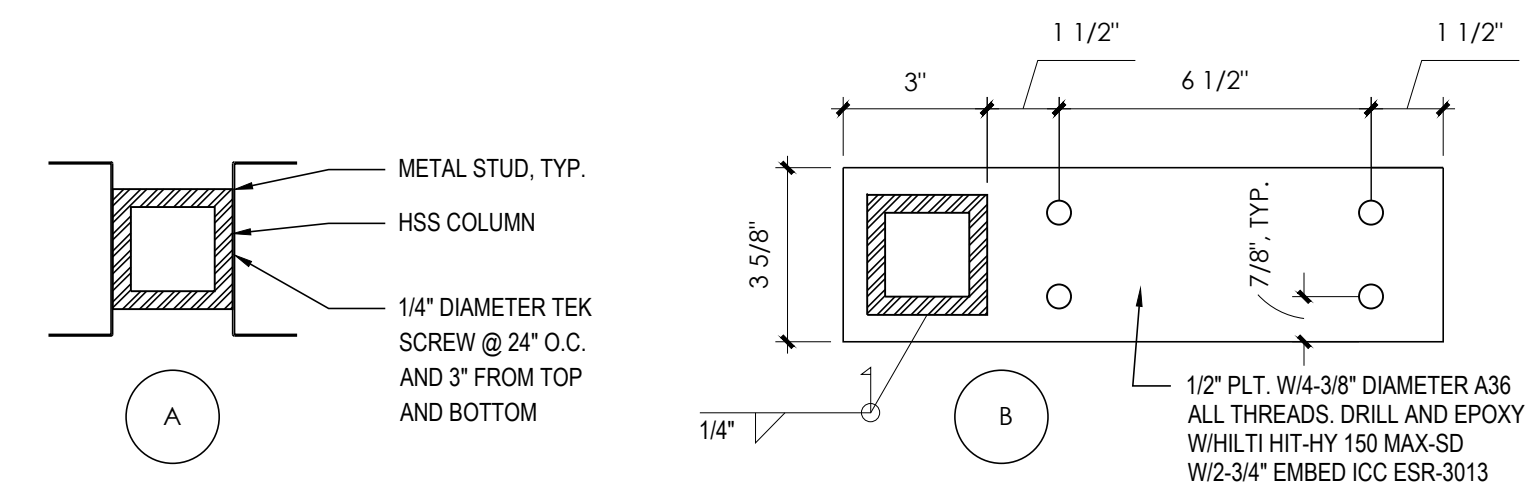
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D.WHITEHOUSE
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SHEET TITLE

DETAILS:
 OFFICE & CONFERENCE
 ROOM FIELD-BUILT
 PARTITION

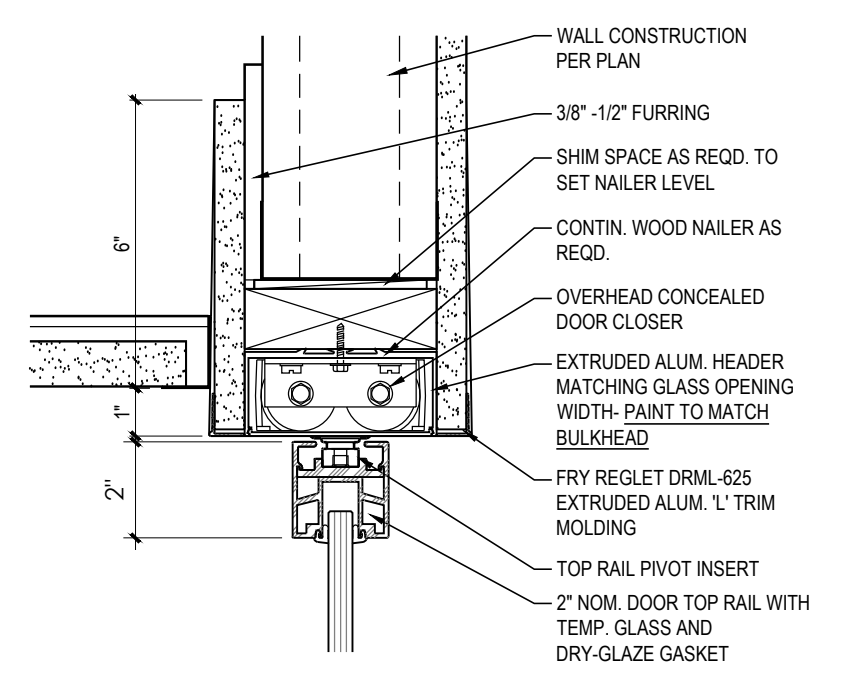
SHEET NUMBER

A-511

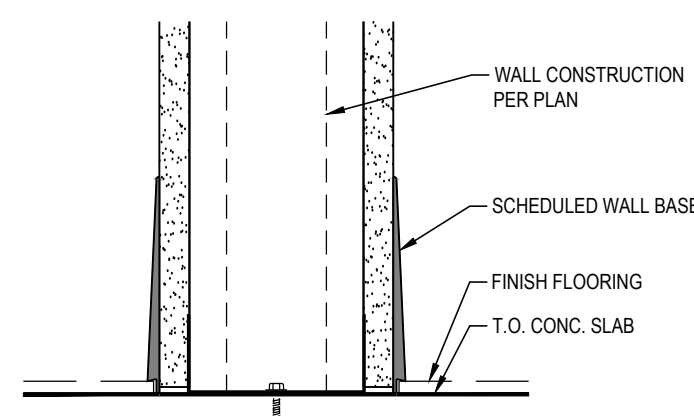


5 KNEE WALL DETAIL
 SCALE: 3" = 1'-0"

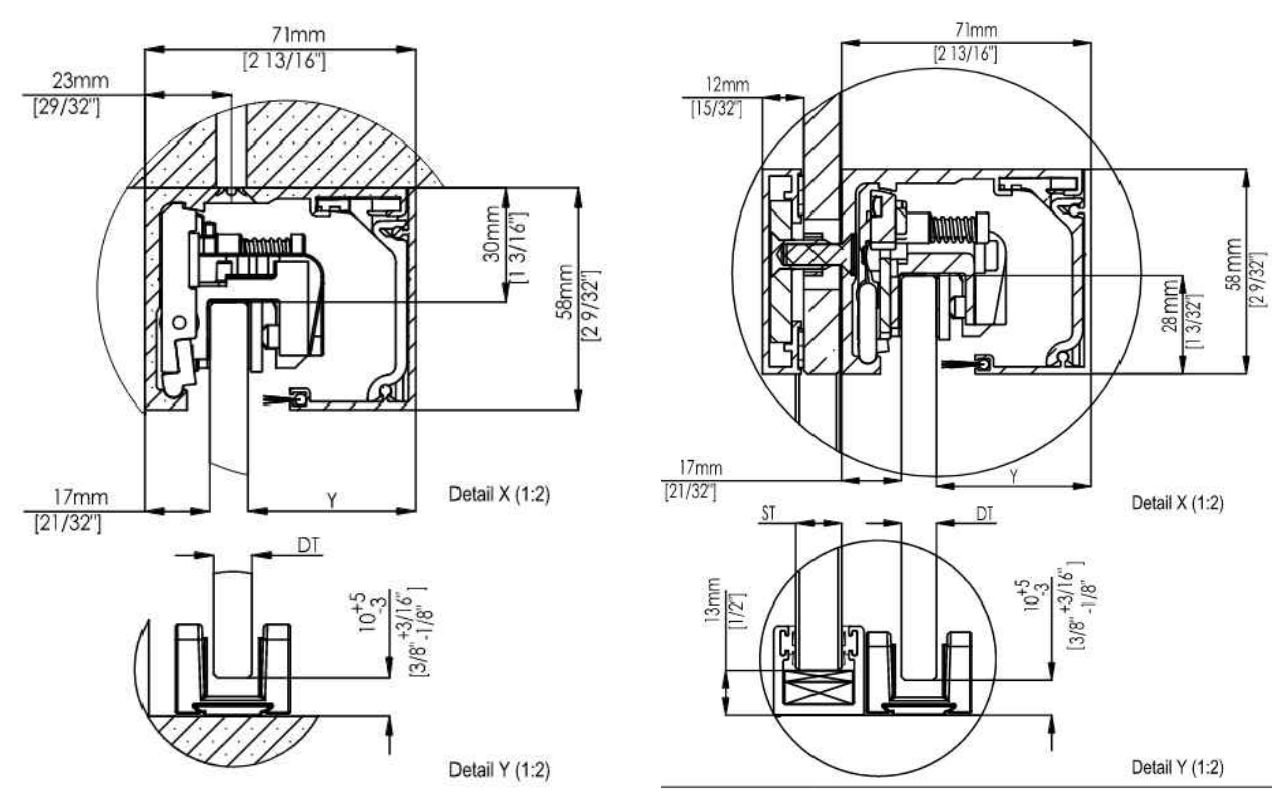
4 STEEL TUBE PARTIAL HEIGHT WALL SUPPORT
 SCALE: 3" = 1'-0"



3 TYPICAL GLASS DOOR HEAD RAIL
 SCALE: 3" = 1'-0"



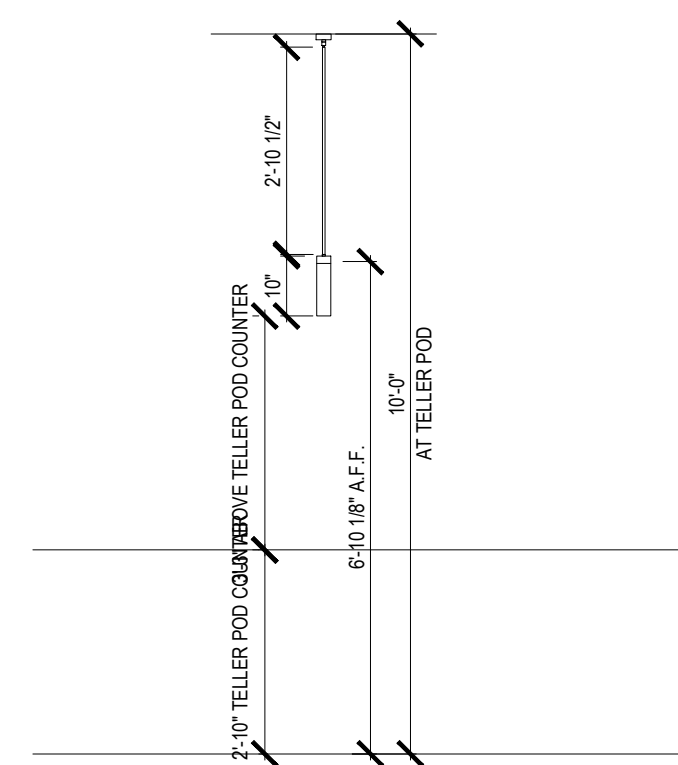
2 TYPICAL PARTITION WALL BASE
 SCALE: 3" = 1'-0"



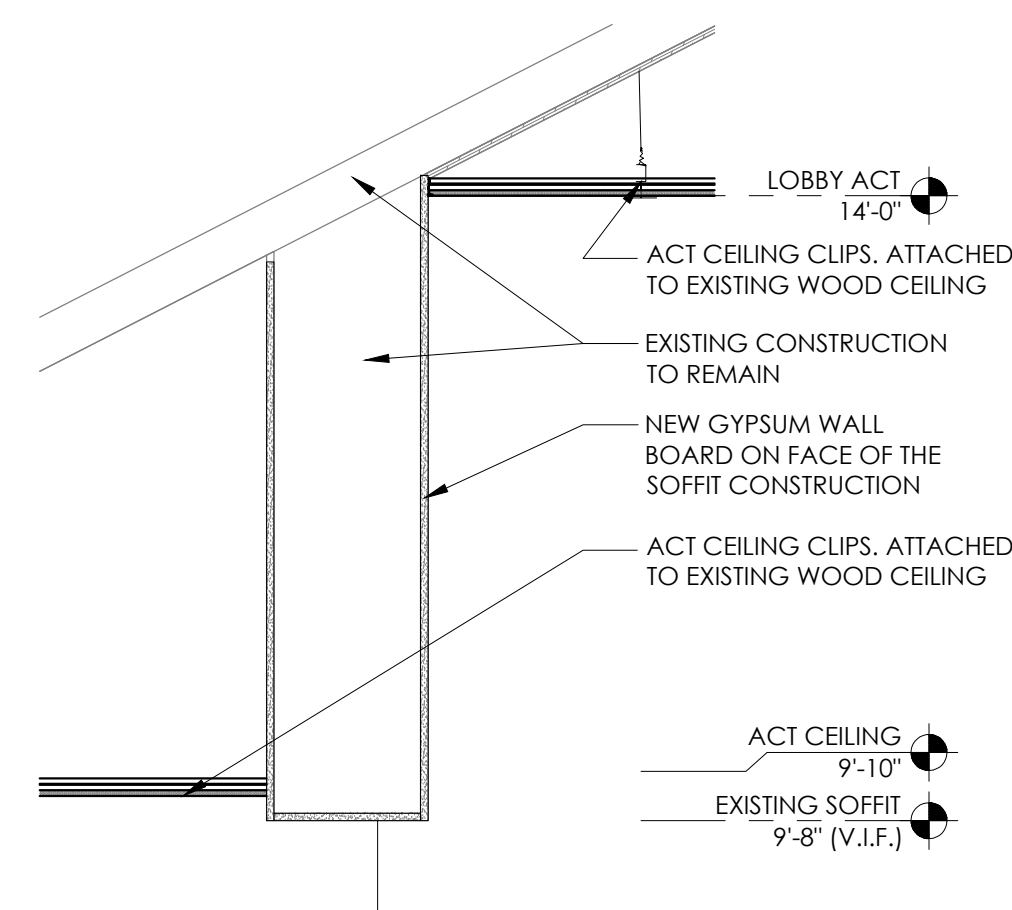
1 MUTO GLASS PARTITION DETAILS
 SCALE: N.T.S.

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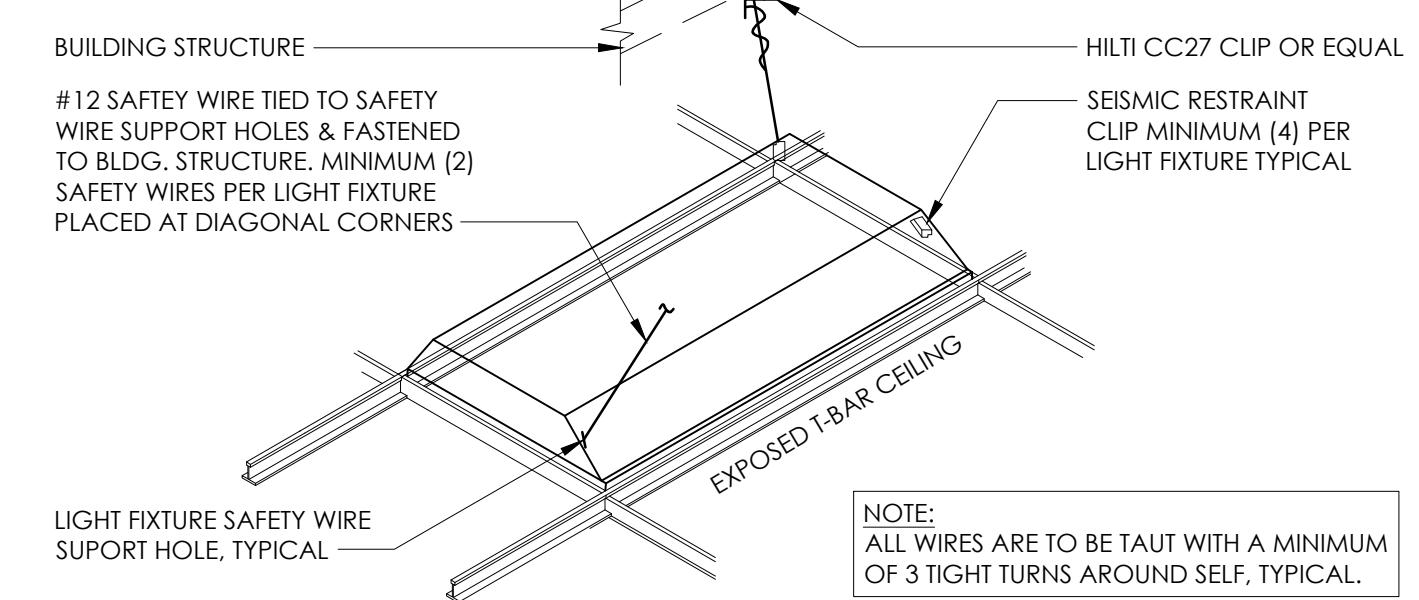
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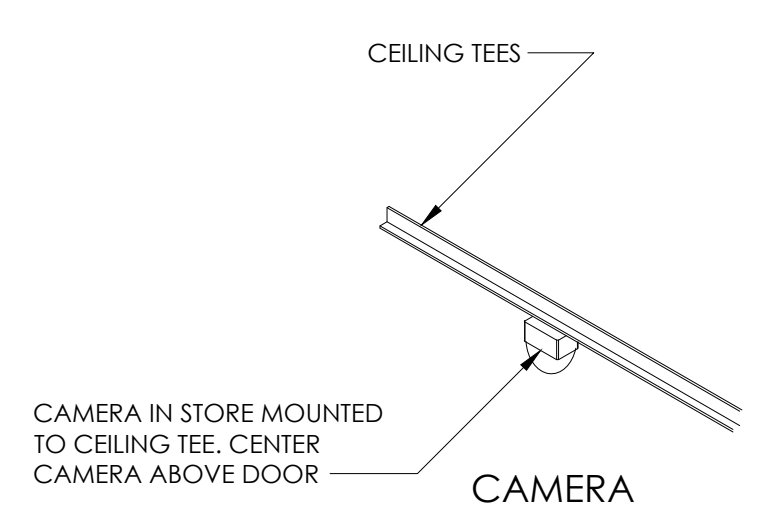
4 MOUNTING HEIGHT -PENDANT
SCALE: 3/8" = 1'-0"



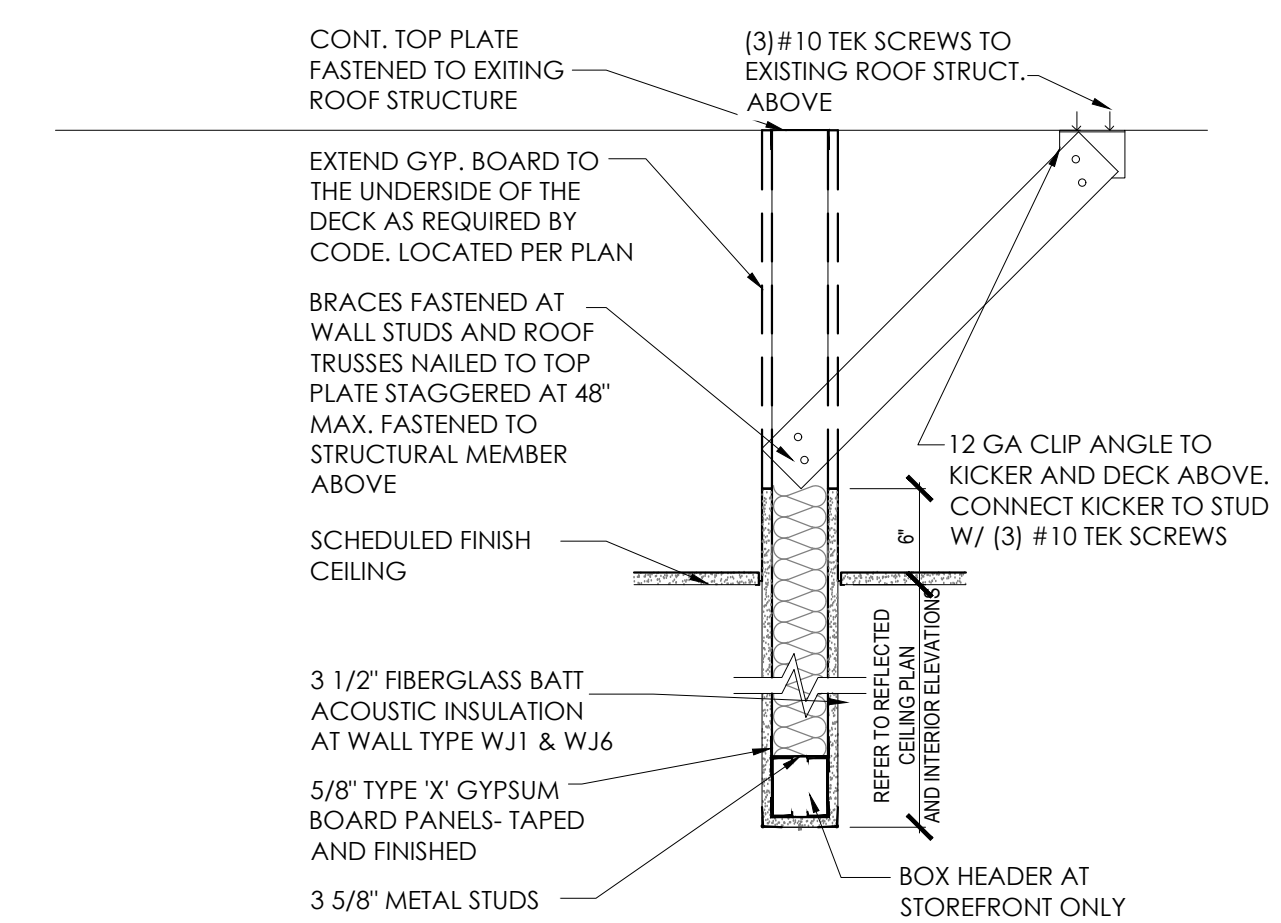
3 CEILING DETAIL
SCALE: 3/4" = 1'-0"



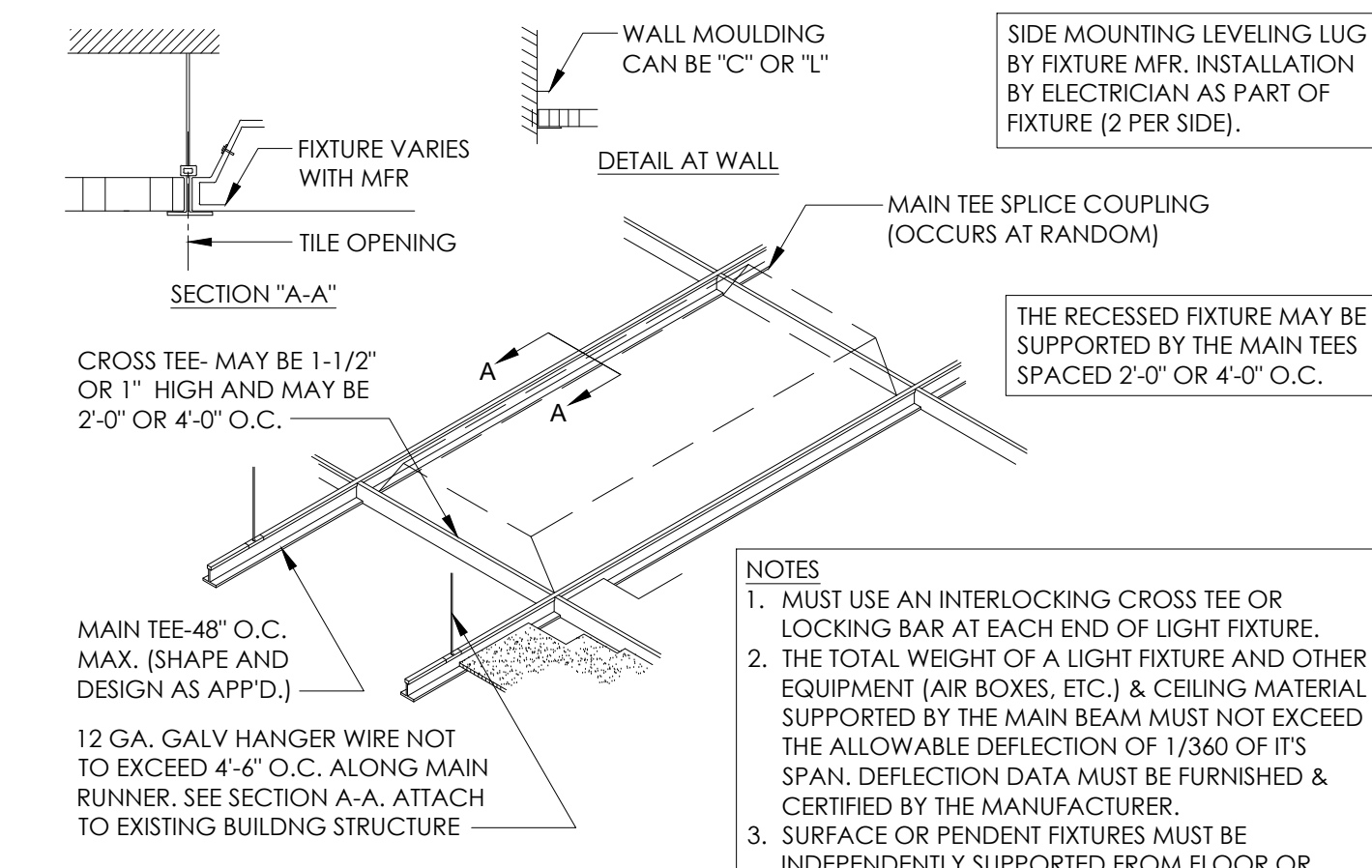
2 LIGHT FIXTURE SUPPORT DETAIL
SCALE: NOT TO SCALE



6 MONITOR /CAMERA MOUNTING DETAIL
SCALE: NOT TO SCALE



5 INTERIOR SOFFIT BRACING
SCALE: 1" = 1'-0"



1 CEILING GRID DETAIL
SCALE: NOT TO SCALE

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SCALE: AS NOTED
DRAWN BY: D.WHITEHOUSE
CHECKED BY: V.ALVAREZ

SHEET TITLE

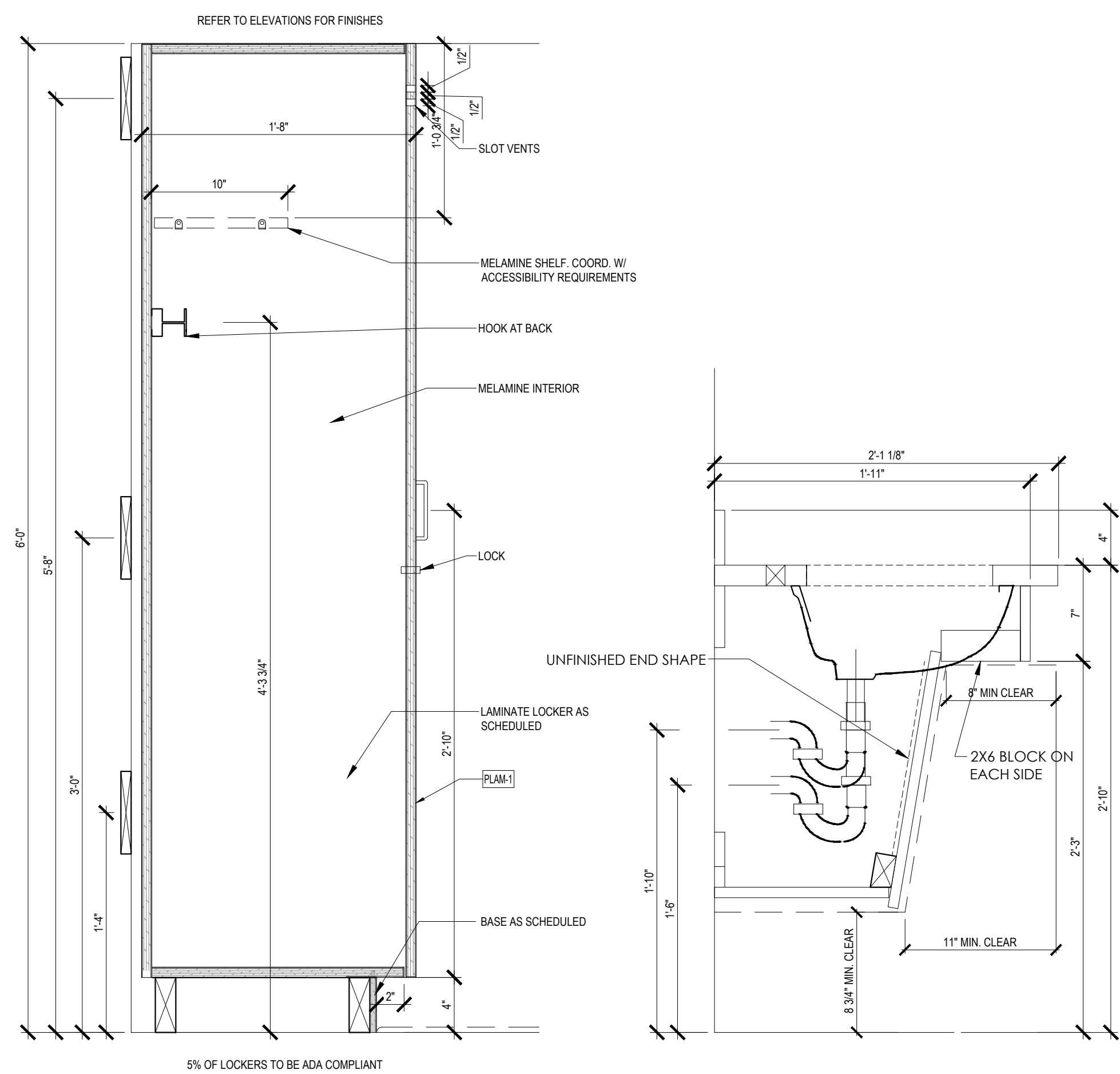
CEILING DETAILS

SHEET NUMBER

A-521

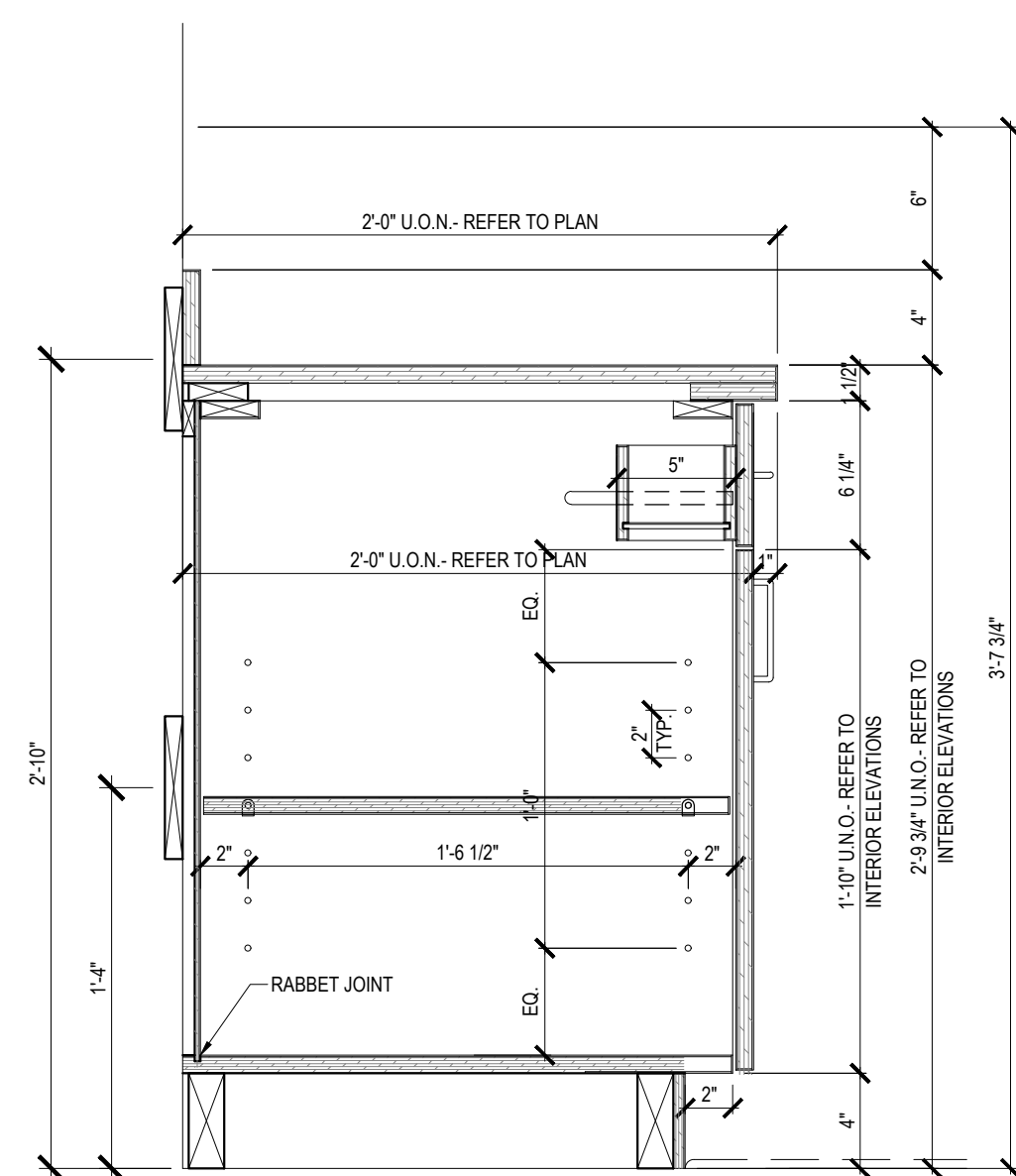
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 David Whitehouse
 Monday, October 4, 2021 1:55:46 PM

NOT FOR BID

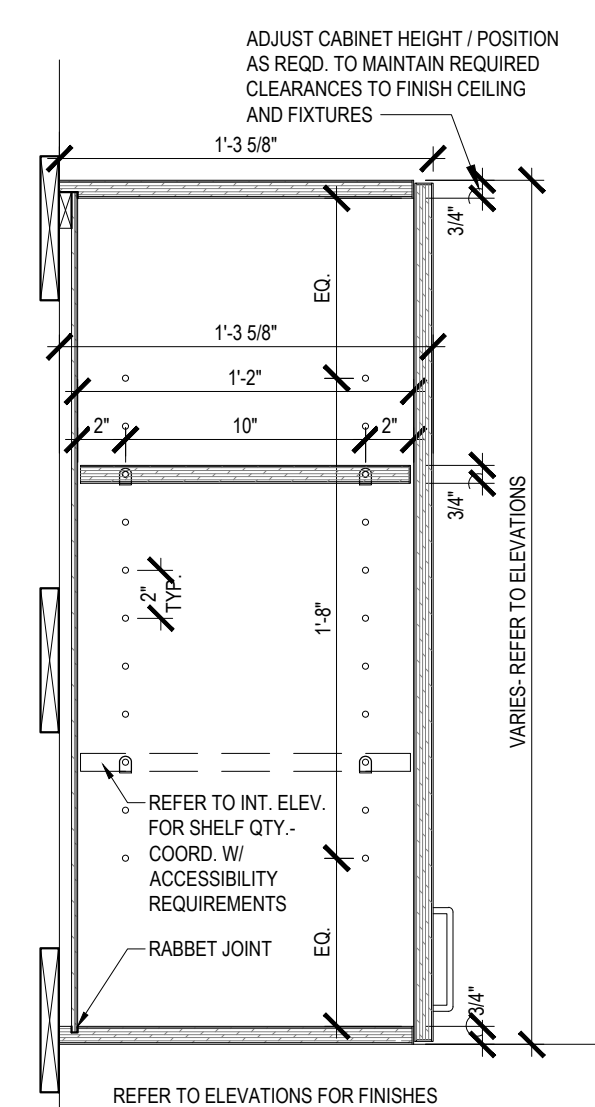


5 LOCKER DETAIL
SCALE: 1-1/2" = 1'-0"

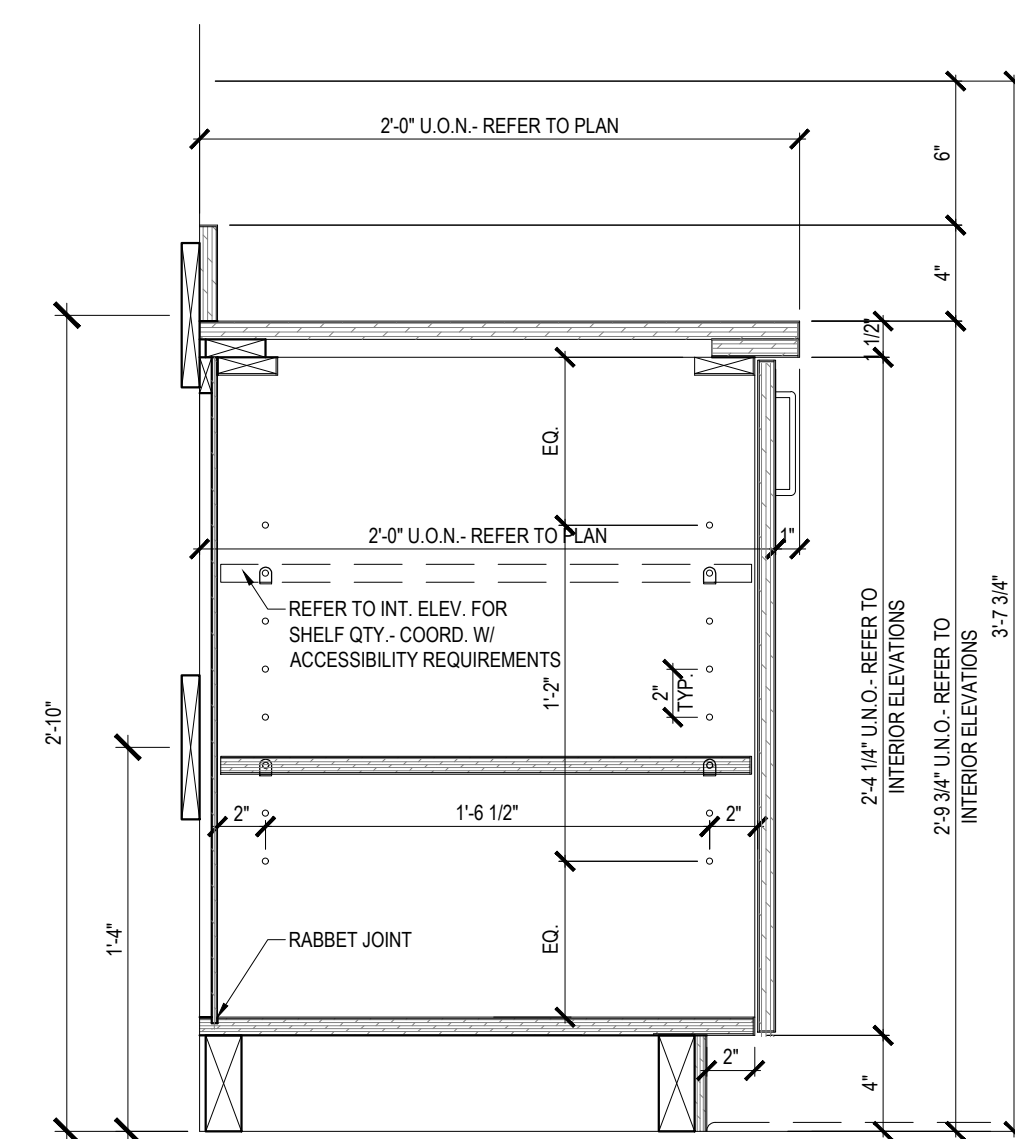
4 BREAK ROOM SINK DETAIL
SCALE: 1-1/2" = 1'-0"



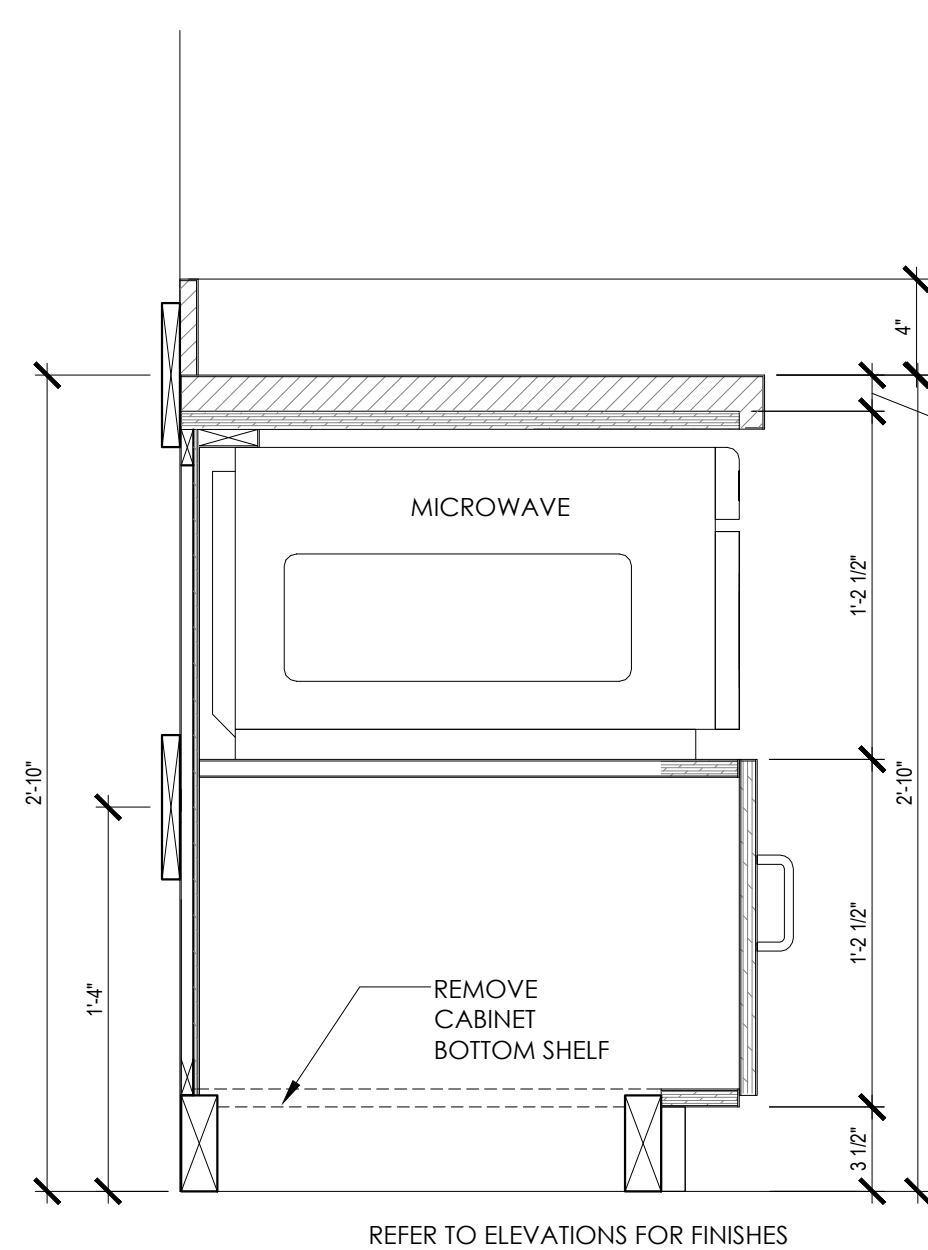
8 CABINET DETAIL
SCALE: 1-1/2" = 1'-0"



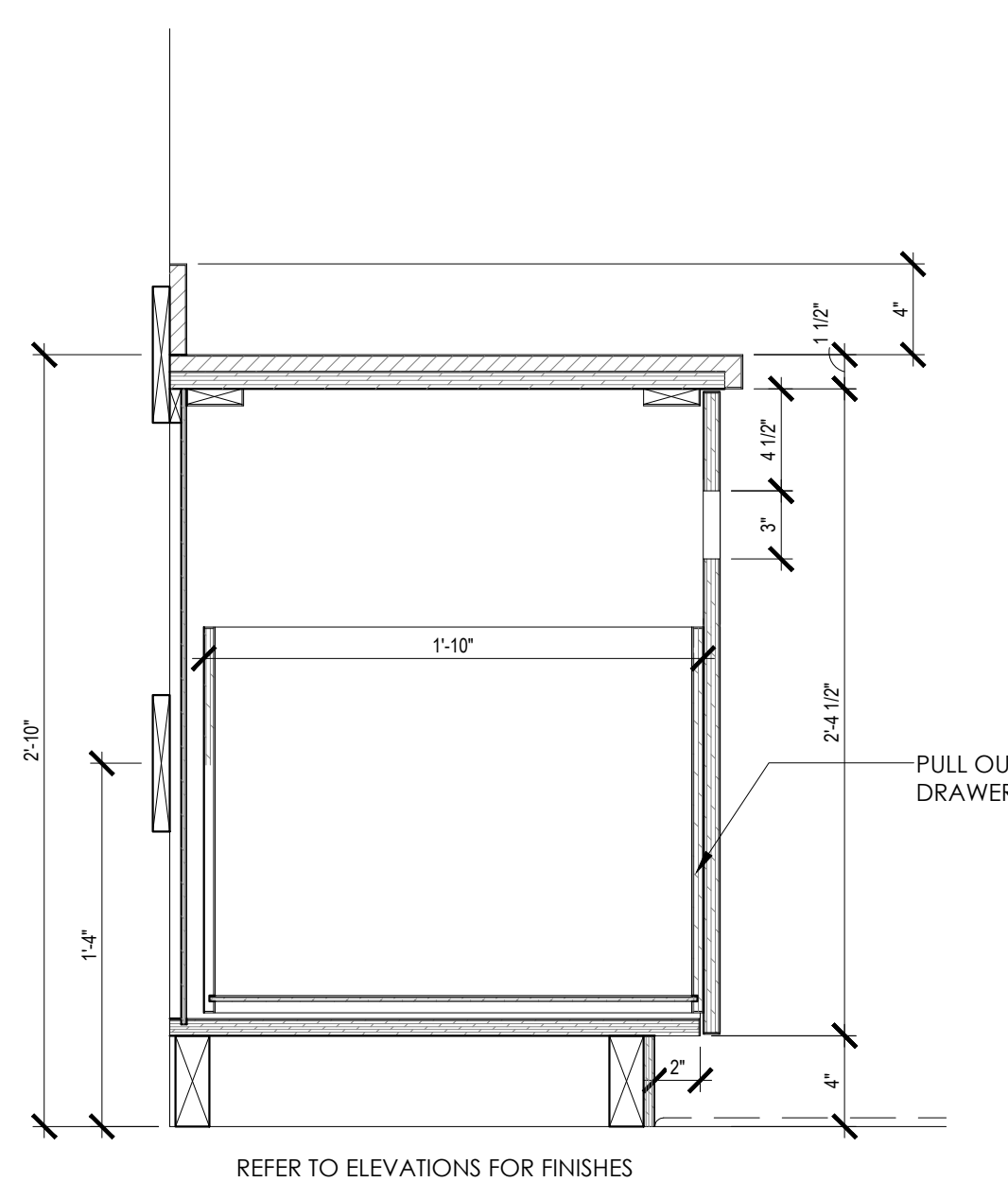
7 WALL CABINET DETAIL (WORK/CASH)
SCALE: 1-1/2" = 1'-0"



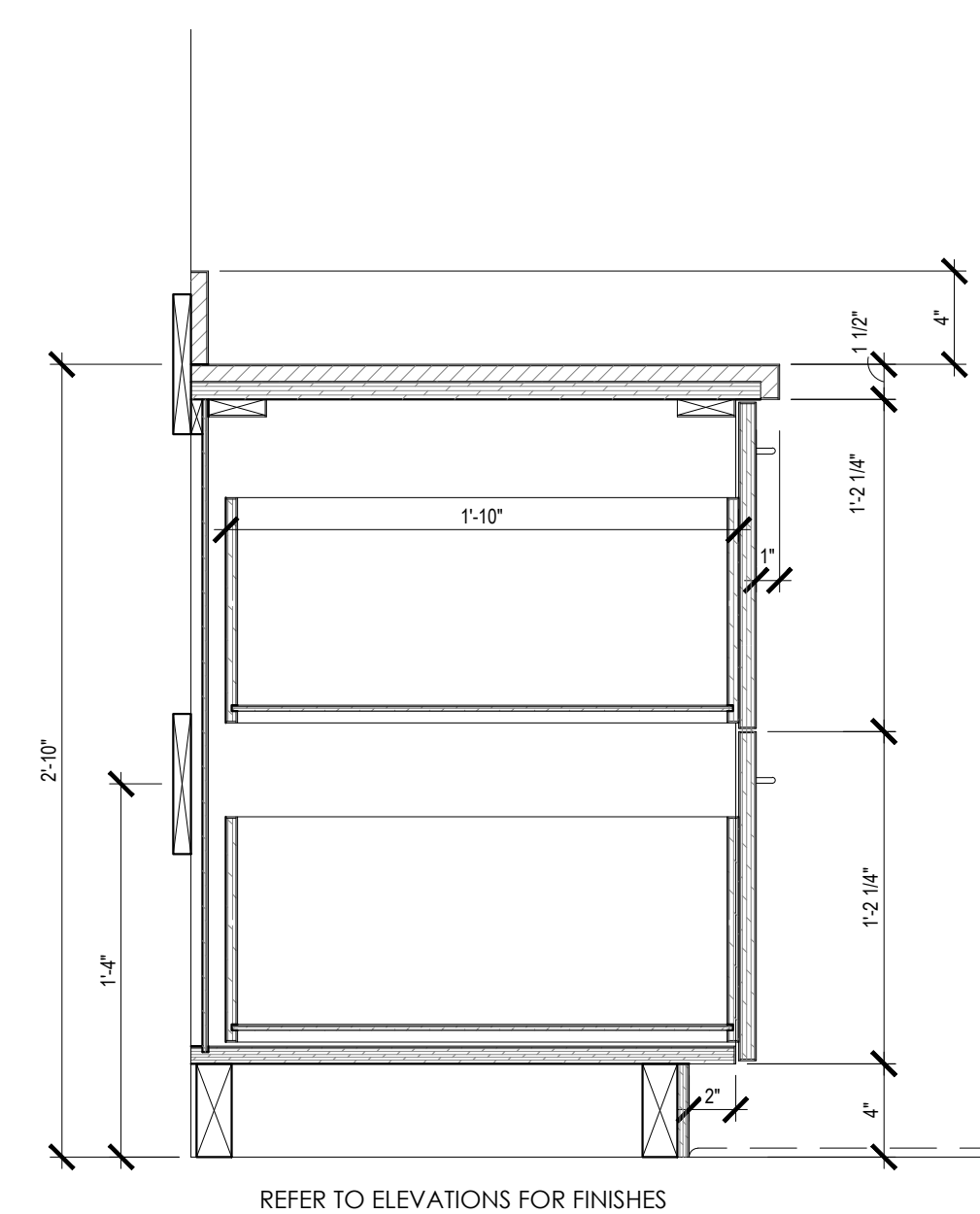
6 CABINET DETAIL
SCALE: 1-1/2" = 1'-0"



3 CABINET DETAIL
SCALE: 1-1/2" = 1'-0"



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



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

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CHECKED BY:	V.ALVAREZ

SHEET TITLE

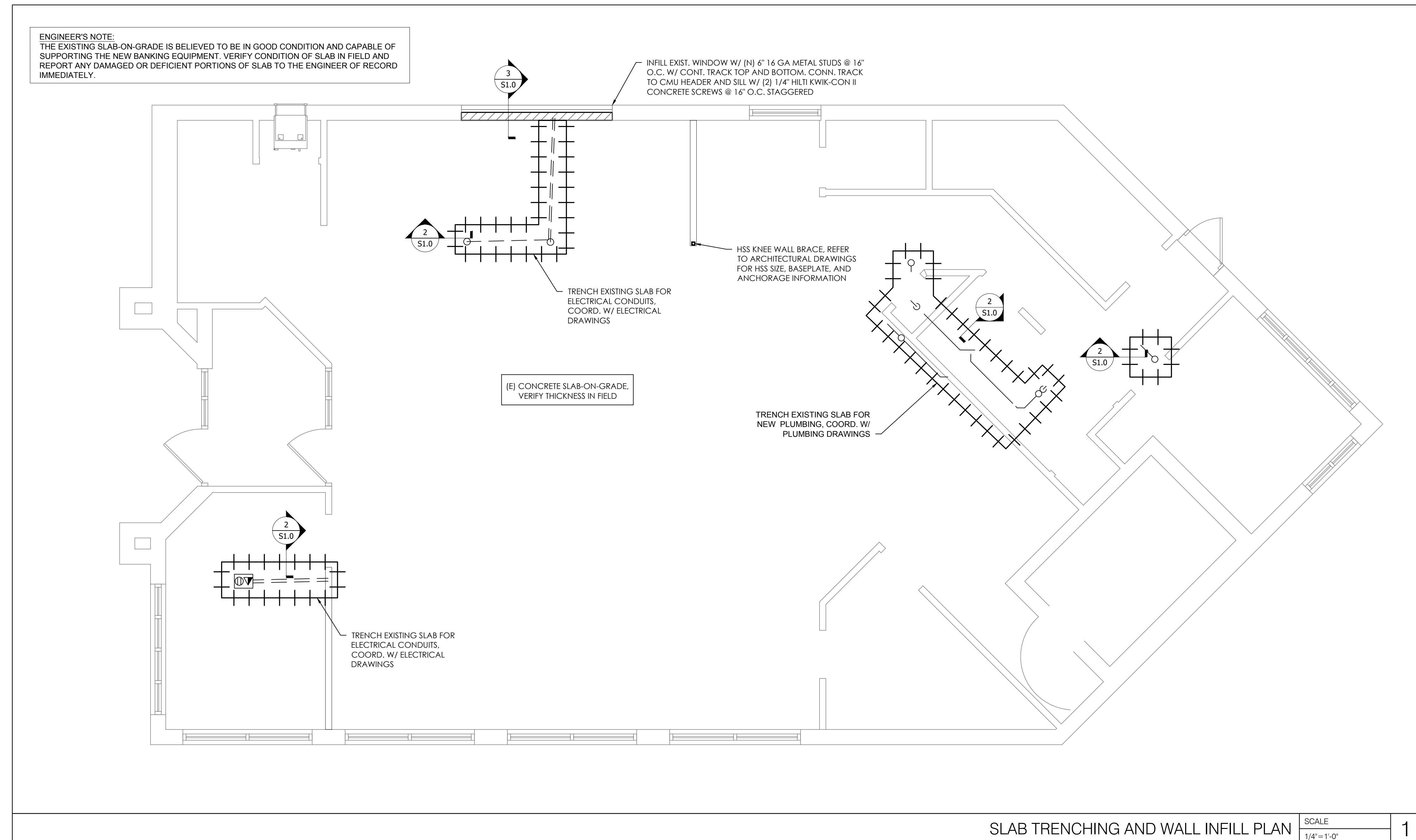
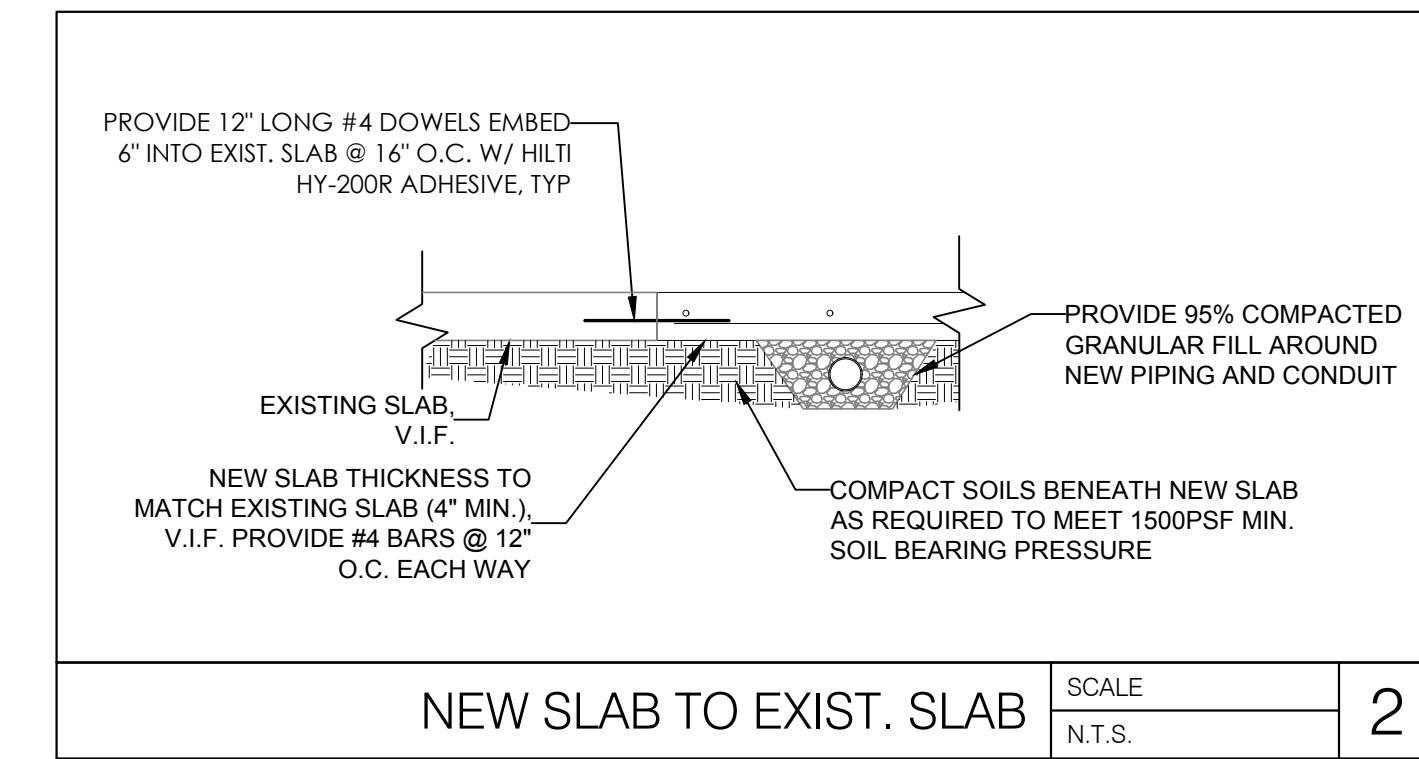
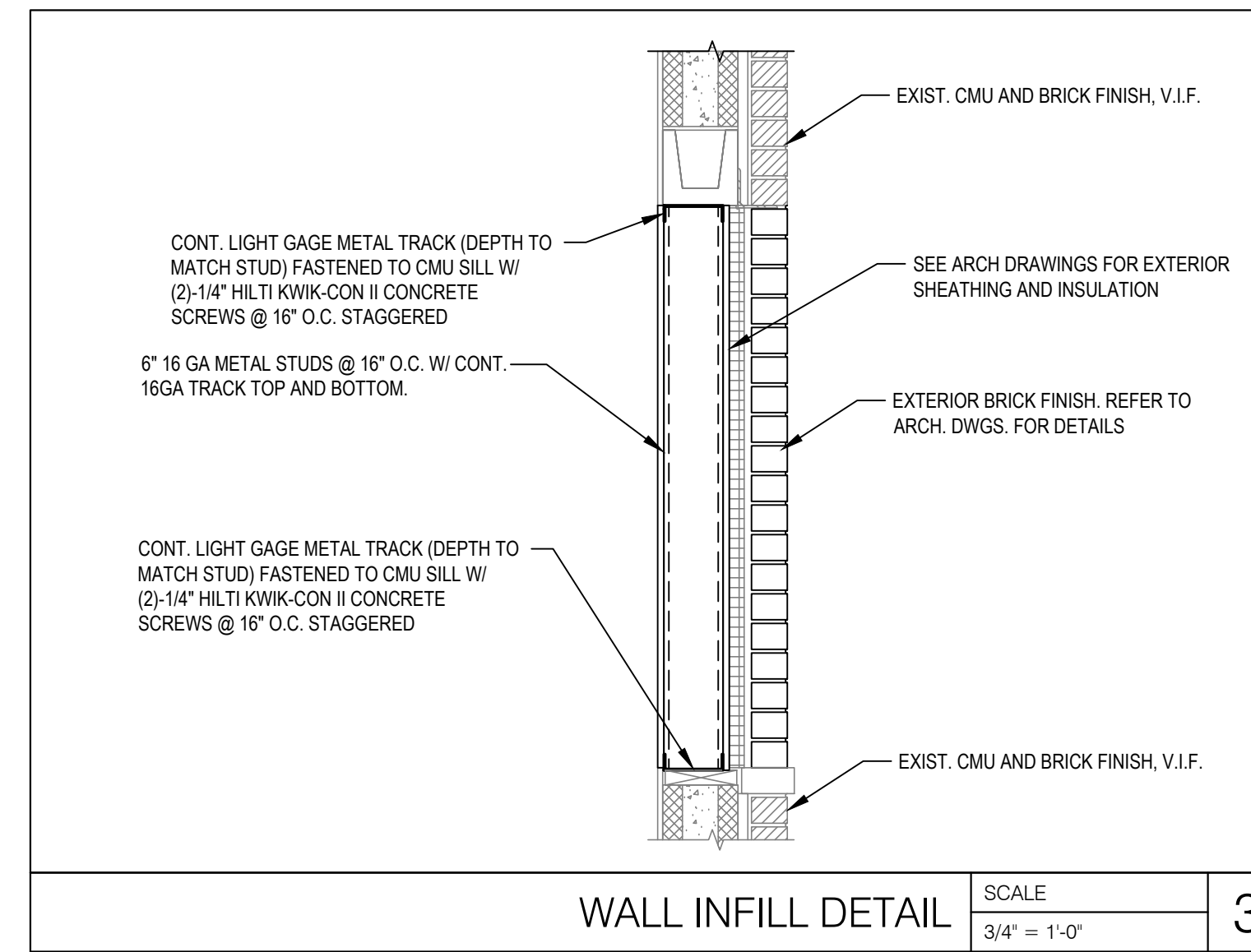
MILLWORK
DETAILS

SHEET NUMBER

A-531

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ENGINEER OF RECORD

ISSUE	DATE	DESCRIPTION
0	10/4/2021	PERMIT SET

PROJECT INFORMATION	
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	E.SCALGIONE
CHECKED BY:	D.BALMA

SHEET TITLE

SLAB TRENCHING AND WALL INFILL PLAN

SHEET NUMBER

S-100

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Monday, October 4, 2021 10:51:16 AM

MECHANICAL GENERAL NOTES:

1. HVAC WORK CONSISTS OF PROVIDING AIR CONDITIONING SYSTEMS FOR A COMPLETE OPERATING SYSTEM AS INDICATED ON THE DRAWINGS. ALL WORK SHALL COMPLY WITH 2020 MINNESOTA MECHANICAL CODE AND ALL OTHER APPLICABLE CODES IN SPECIFICATIONS. IT IS THE INTENTION OF THE CONTRACT DRAWINGS AND SPECIFICATION TO CALL FOR COMPLETE, FINISHED WORK, TESTED, AND READY FOR OPERATION.
2. AN AIR BALANCE SHALL BE PERFORMED BY AN APPROVED INDEPENDENT THIRD PARTY AIR BALANCE CONTRACTOR IN ACCORDANCE WITH THE LATEST EDITION OF STANDARDS PUBLISHED BY THE ASSOCIATED AIR BALANCE COUNCIL (AABC), THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB), OR THE TESTING, ADJUSTING, AND BALANCING BUREAU (TABB). BALANCE EACH SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR DEVICE WITHIN 5% OF REQUIREMENTS AND FURNISH A REPORT TO THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD AS AN OFFICIAL SUBMITTAL DURING THE CONSTRUCTION ADMINISTRATIVE PHASE. THE ENTIRE HVAC SYSTEM MUST BE FULLY OPERABLE, BALANCED, AND APPROVED BY THE OWNER'S REPRESENTATIVE.
3. ALL DUCT SIZES SHOWN ARE FREE AREA SIZES AND DO NOT ACCOUNT FOR INSULATION. INSULATE ALL DUCTWORK, EXCEPT EXHAUST DUCTWORK, WITH 2" FIBERGLASS DUCT WRAP INSTALLED TO A MINIMUM R VALUE OF 6. PROVIDE WITH VAPOR BARRIER AND TAPE ALL JOINTS. PROVIDE 1" THICK DUCT LINER WHERE INDICATED ON PLANS.
4. PROVIDE SPIN-IN FITTINGS AT ALL FLEXIBLE DUCT RUN OUTS TO DIFFUSERS (NO EXTRACTOR) AND DAMPER.
5. MAXIMUM LENGTH OF FLEX DUCT IS LIMITED TO 5'-0".
6. ALL PIPING SUBJECT TO THERMAL EXPANSION AND/OR CONTRACTION THAT PENETRATES A SMOKE, FIRE, OR FIRE/SMOKE WALL, PARTITION, OR FLOOR SLAB SHALL BE SUITABLY SLEEVED AND FIRE-SAFED.
7. METAL DUCTS WHICH PENETRATE 1 HOUR RATED FIRE WALLS AND ARE LESS THAN 100 SQUARE INCHES SHALL EXTEND A MINIMUM OF 5 FEET ON BOTH SIDES OF THE WALL WITHOUT AN OPENING (TO PRECLUDE THE REQUIREMENT OF A FIRE DAMPER). DUCTWORK SHALL IN NO CASE BE LIGHTER THAN 24 GAUGE STEEL.
8. PROVIDE IDENTIFICATION OF THE LOCATION OF ALL FIRE AND BALANCING DAMPERS. IDENTIFICATION TAGS SHALL BE AFFIXED TO THE WALLS OR CEILINGS AND SHALL BE VISIBLE FROM THE OCCUPIED SPACE.
9. PROVIDE ORANGE TAGS ON ALL VOLUME AND BALANCING DAMPERS ABOVE THE CEILING. TAGS AND DAMPER HANDLES SHALL BE VISIBLE AND ACCESSIBLE FOR THE TEST & BALANCE AGENCY.
10. ALL PIPING SHALL BE SUPPORTED WITH COMMERCIAL MANUFACTURED CLAMPS. PROVIDE ISOLATION SLEEVES TO PREVENT CONTACT OF DISSIMILAR METALS.
11. INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURERS' INSTRUCTIONS AND RECOMMENDATIONS.
12. CONTRACTOR TO PROVIDE ALL SUPPLEMENTARY STEEL REQUIRED TO SUSPEND MECHANICAL EQUIPMENT AND MATERIALS.
13. ALL INSULATION SHALL BE FIRE RATED IN ACCORDANCE WITH NFPA 90A 50/25 SMOKE DEVELOPMENT AND FLAME SPREAD REQUIREMENTS. INSULATION "R" VALUES SHALL COMPLY WITH APPLICABLE ENERGY CODE.
14. MOUNT CENTER OF THERMOSTATS AT 4" ABOVE THE FINISHED FLOOR UNLESS OTHERWISE NOTED. MOUNT REMOTE TEMPERATURE SENSORS AT 60" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. COORDINATE WITH ADJACENT EQUIPMENT.
15. INSTALL DUCT MOUNTED SMOKE DETECTORS (FURNISHED BY DIVISION 26) IN SUPPLY AND/OR RETURN AIR DUCTWORK WHERE REQUIRED AND IN ACCORDANCE WITH APPLICABLE CODE. WIRE DUCT MOUNTED SMOKE DETECTORS SUCH THAT ACTIVATION WILL LOCATE AIR HANDLING UNIT FAN. LOCATE DUCT MOUNTED SMOKE DETECTORS THE REQUIRED DISTANCE DOWNSTREAM FROM BENDS OR ELBOWS AS RECOMMENDED BY THE MANUFACTURER.
16. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL CHARACTERISTICS OF MECHANICAL EQUIPMENT.
17. UNLESS OTHERWISE NOTED, INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE, TIGHT TO THE BOTTOM OF THE STRUCTURE. COORDINATE ELEVATION AND LOCATION WITH RAIN LEADERS, WATER PIPING, PLUMBING VENTS, AND MAJOR ELECTRICAL CONDUITS OR CABLE TRAY.
18. PROVIDE DRAIN P-TRAPS IN THE CONDENSATE LINES AT ALL AIR HANDLING UNITS. SIZE PER MANUFACTURERS REQUIREMENTS.
19. CONTRACTOR SHALL NOT ATTACH SUPPORTS OR HANGERS DIRECTLY TO THE DECK, CEILING SUPPORT SYSTEM, OR DUCTWORK ABOVE. HANGERS, SUPPORTS, FASTENING DEVICES, ETC. SHALL BE FASTENED TO TOP CHORD OF THE JOIST AND/OR FLANGE OF THE BEAMS ABOVE.
20. THE ENGINEER HAS MADE AN EXTENSIVE EFFORT TO IDENTIFY ABOVE CEILING CONFLICTS. THE CONTRACTOR IS RESPONSIBLE TO CHECK FIELD CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY PROBLEMS/CONFLICTS TO THE ENGINEER WITHIN 5 DAYS OF DISCOVERY. ANY CHANGES RESULTING FROM CONDITIONS ARISING IN THE FIELD WHICH WERE NOT BROUGHT TO THE ENGINEER'S ATTENTION ARE TO BE MADE BY THIS CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER.
21. THE WORK INDICATED ON THESE DRAWINGS IS GENERALLY DIAGRAMMATIC AND IS INTENDED TO CONVEY THE SCOPE OF WORK AND INDICATE THE GENERAL ARRANGEMENT OF DUCTWORK AND EQUIPMENT.
22. ALL WORK IS TO BE FREE OF DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE. ALL DEFECTS WHICH DEVELOP OR ARE DISCOVERED WITHIN THIS PERIOD SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
23. UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL REMOVE ALL TOOLS, APPLIANCES, SURPLUS MATERIALS, AND SCRAP. ALL IDENTIFIED EXISTING EQUIPMENT TO BE REMOVED SHALL BE TURNED OVER TO THE OWNER.
24. WHEN CONFLICTS OCCUR IN SPECIFICATIONS OR IN THE DRAWINGS, OR BETWEEN EITHER, THE ITEMS OF GREATER QUANTITY OR HIGHER COST SHALL BE PROVIDED.
25. THE CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES IN ORDER TO AVOID CONFLICTS.
26. PROVIDE BALANCING DAMPER IN EACH BRANCH CONNECTION.
27. ALL DUCTWORK INSTALLED ON THIS PROJECT SHALL BE OF SHEET METAL CONSTRUCTION. DUCTWORK SHALL BE FABRICATED AND CONSTRUCTED IN ACCORDANCE WITH SMACNA REQUIREMENTS.
28. MECHANICAL CONTRACTOR SHALL PROVIDE NAMEPLATE INFO TO THE FACILITY MANAGER FOR ALL MECHANICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO, FAN COILS, CONDENSING UNITS, RTUS, AND EXHAUST FANS.
29. ALL REFRIGERANT SHALL BE R-410A. NO R-22 SHALL BE USED.
30. ALL PROVISIONS FOR LINE VOLTAGE WIRING SHALL BE BY THE ELECTRICAL CONTRACTOR. ALL PROVISIONS FOR LOW VOLTAGE WIRING SHALL BE BY THE MECHANICAL CONTRACTOR. FINAL CONNECTIONS SHALL BE BY THE MECHANICAL CONTRACTOR FOR LOW VOLTAGE WIRING UNLESS PROHIBITED BY LOCAL JURISDICTION. IN SUCH CASE THE MECHANICAL CONTRACTOR SHALL INFORM THE ELECTRICAL CONTRACTOR.
31. ROUTE FULL SIZE PVC DRAIN PIPE FROM EACH RTU (1" MIN) DRAIN PAN AND FROM EACH FCU (3/4" MIN) TO RESPECTIVE FLOOR DRAIN OR TO DAYLIGHT WITH AIR GAP. INSULATE WITH 3/4" ARMSTRONG "ARMAFLEX" INSULATION.
32. ALL MATERIALS WITHIN RETURN AIR PLENUMS OR EXPOSED WITHIN DUCTS SHALL BE NONCOMBUSTIBLE AND/OR SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE DEVELOPED INDEX NOT GREATER THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84.

MECHANICAL DEMOLITION NOTES:

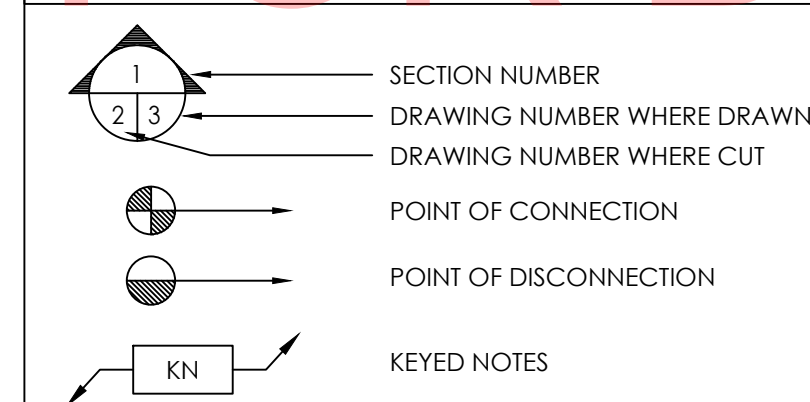
1. THE INFORMATION CONTAINED IN THESE DOCUMENTS IS NOT TO BE CONSIDERED AS COMPLETE AND FULLY ACCURATE AS IT PERTAINS TO THE EXACT QUANTITY AND LOCATION OF ALL SYSTEM COMPONENTS. THE INFORMATION CONTAINED HEREIN WAS OBTAINED FROM ORIGINAL DESIGN DOCUMENTS AND LIMITED SITE VISITS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE EXACT LOCATION, SERVICE, AND QUANTITY OF ALL EXISTING SYSTEM COMPONENTS PRIOR TO BEGINNING DEMOLITION WORK. CONTRACTOR TO VISIT SITE PRIOR TO COMMENCING WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK.
2. GENERAL CONTRACTOR IS RESPONSIBLE FOR PHASING OF DEMOLITION, STRUCTURAL NON-STRUCTURAL, AND NEW WORK PRIOR TO FULL BUILDING DEMOLITION. CONTRACTOR TO COORDINATE DEMOLITION OF ANY MECHANICAL EQUIPMENT NOT BEING RE-USED. RELOCATION OF EXISTING EQUIPMENT TO BE RE-USED, AND ANY NEW MECHANICAL EQUIPMENT WITH CONSTRUCTION PHASING.
3. EXISTING WORK IS INDICATED IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION SHALL BE CHECKED IN THE FIELD BY EACH SUBCONTRACTOR. AS DEMOLITION PROCEEDS, CAREFUL MEASUREMENTS SHALL BE MADE OF ALL WORK UNCOVERED TO WHICH NEW WORK MUST FIT, AND SHOP DRAWINGS FOR ALL FABRICATED MATERIALS SHALL BE COORDINATED WITH INFORMATION SO OBTAINED. NO EXTRA COSTS WILL BE ALLOWED FOR PREFABRICATION OF ANY MATERIALS WHICH ARE INCORRECTLY FABRICATED WITHOUT SUCH COORDINATION.
4. THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL PROTECTIONS AS REQUIRED BY GOVERNING AUTHORITIES, AND SHALL PROVIDE AND MAINTAIN PERMANENT OR TEMPORARY COVERED PASSAGEWAYS, BARRICADES, OR OTHER STRUCTURES AS REQUIRED BY LAW OR AS REQUIRED IN ORDER TO PROTECT THE PUBLIC.
5. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE, AND REPORT ANY DISCREPANCY TO THE ARCHITECT AND/OR ENGINEER OF RECORD BEFORE PROCEEDING WITH ANY WORK.
6. REMOVE ALL EXISTING DUCTWORK AND ALL ASSOCIATED ACCESSORIES, INCLUDING BUT NOT LIMITED TO DUCT HANGERS, DUCT INSULATION, BALANCING DAMPERS, AND AIR DEVICES. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS.
7. REMOVE ALL EXISTING KITCHEN EXHAUST HOODS AND ALL ASSOCIATED ACCESSORIES INCLUDING BUT NOT LIMITED TO ALL ASSOCIATED EXHAUST DUCTWORK, ALL ASSOCIATED FIRE SUPPRESSION CONTROLS AND EQUIPMENT, AND ASSOCIATED EXHAUST FANS. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS.
8. CONTRACTOR TO REMOVE EXISTING ROOF-MOUNTED MECHANICAL EQUIPMENT THAT IS NOT BEING RE-USED. REFER TO MECHANICAL PLANS FOR EXISTING UNITS TO REMAIN. REMOVE EXISTING EQUIPMENT AND ALL ASSOCIATED ACCESSORIES, INCLUDING BUT NOT LIMITED TO, ROOF CURBS, DUCT ACCESSORIES, CONDENSATE PIPING, GAS PIPING, AND ALL ASSOCIATED CONTROLS AND WIRING. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS.
9. PATCH AND REPAIR ALL EXISTING PENETRATIONS TO MATCH ADJACENT CONDITIONS.

ABBREVIATIONS

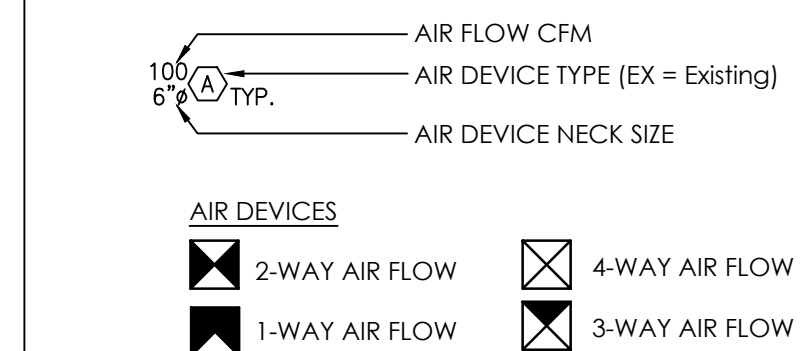
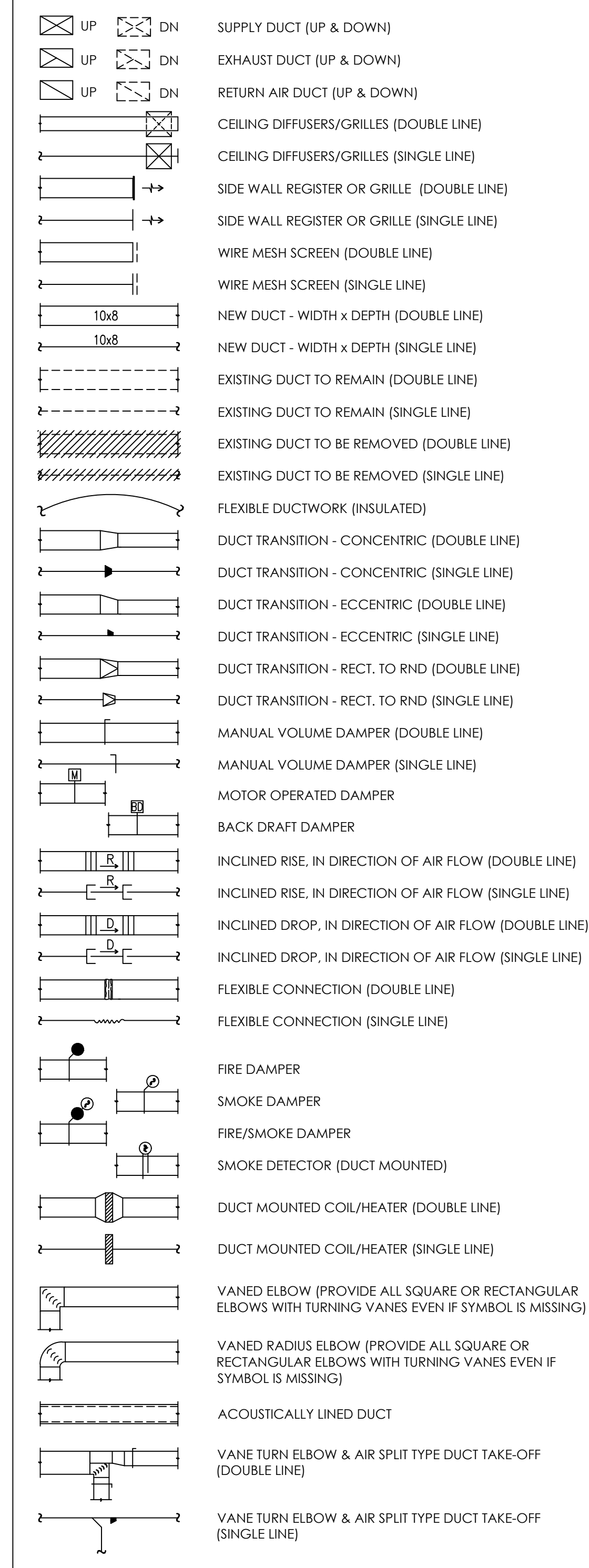
AC	AIR CONDITIONING
ACH	AIR CHANGES PER HOUR
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
BD	BYPASS DAMPER
BFF	BELOW FINISHED FLOOR
BHP	BRAKE HORSE POWER
BOT	BOTTOM
BTUH	BRITISH THERMAL UNIT PER HOUR
CD	CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CLG	CEILING
CT	COOLING TOWER
CU	CONDENSING UNIT
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
DB	DRY BULB
DDC	DIRECT DIGITAL CONTROL
DG	DOOR GRILLE
DN	DOWN
DP	DEW POINT
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EDH	ELECTRIC DUCT HEATER
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
ET	EXPANSION TANK
EL	ELEVATION
EQP	EQUIPMENT
EWT	ENTERING WATER TEMPERATURE
EXIST	EXISTING
ESP	EXTERNAL STATIC PRESSURE
FD	FIRE DAMPER
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FL	FLOOR
PPM	FEET PER MINUTE
FSD	FIRE/SMOKE DAMPER
G	NATURAL GAS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H	HUMIDITY
HC	HEATING COIL
HX	HEAT EXCHANGER
HP	HORSE POWER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MD	MOTORIZED DAMPER
MAX	MAXIMUM
MIN	MINIMUM
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OA	OUTSIDE AIR
OAI	OUTSIDE AIR INTAKE
OS&Y	OUTSIDE SCREW & YOKE
PD	PRESSURE DROP
RA	PRESSURE
RA	RETURN AIR
RD	ROOF DRAIN
RG	REFRIGERANT
RL	RAIN LEADER
RLA	RUNNING LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
SD	SMOKE DETECTOR
SA	SUPPLY AIR
SP	STATIC PRESSURE
SYS	SYSTEM
T	TEMPERATURE
TYP	TYPICAL
UC	UNDERCUT
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORY
UON	UNLESS OTHERWISE NOTED
VAV	VARIABLE AIR VOLUME
VAD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VSD	VARIABLE SPEED DRIVE
WB	WET BULB



DRAWING SYMBOLS



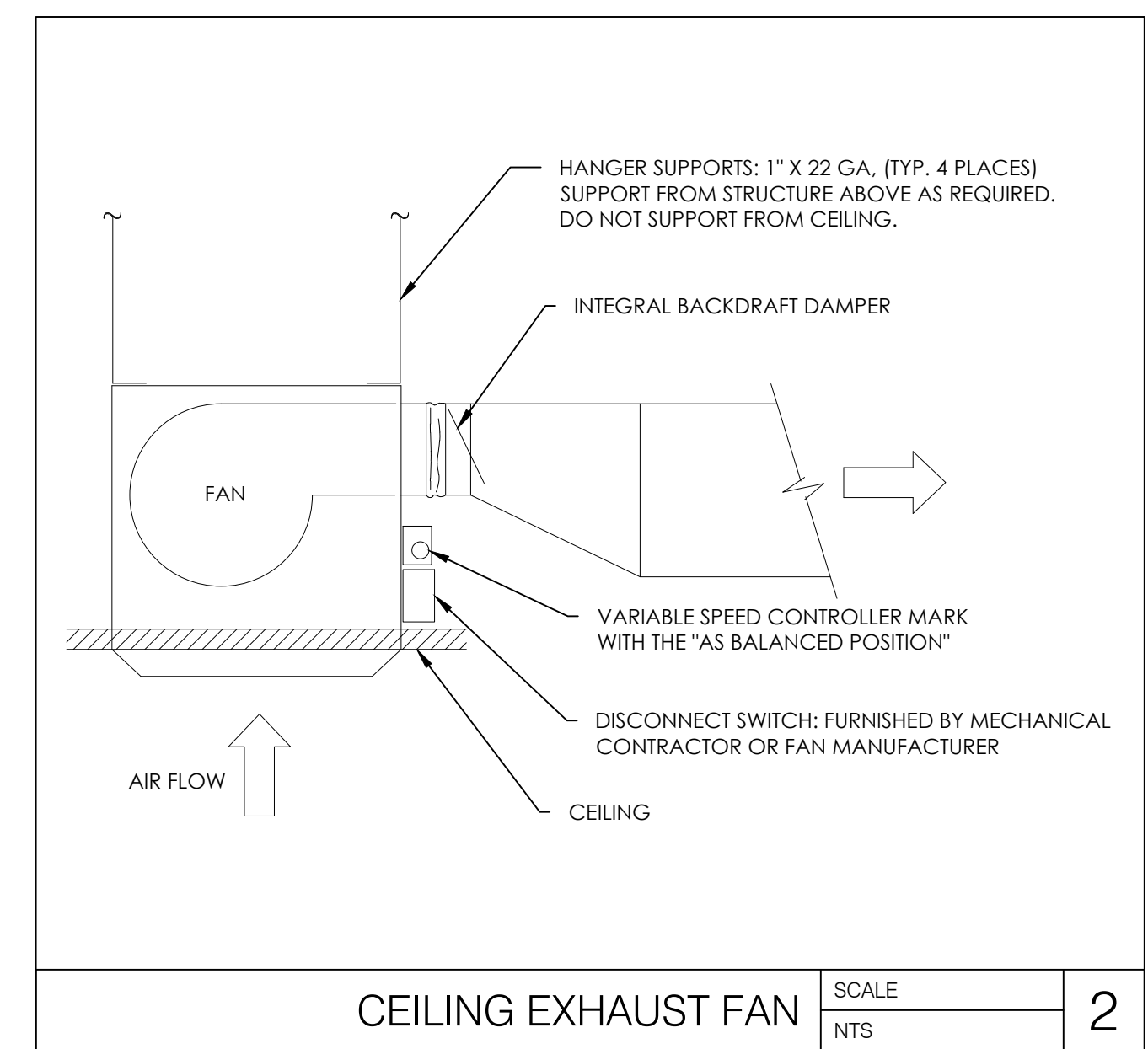
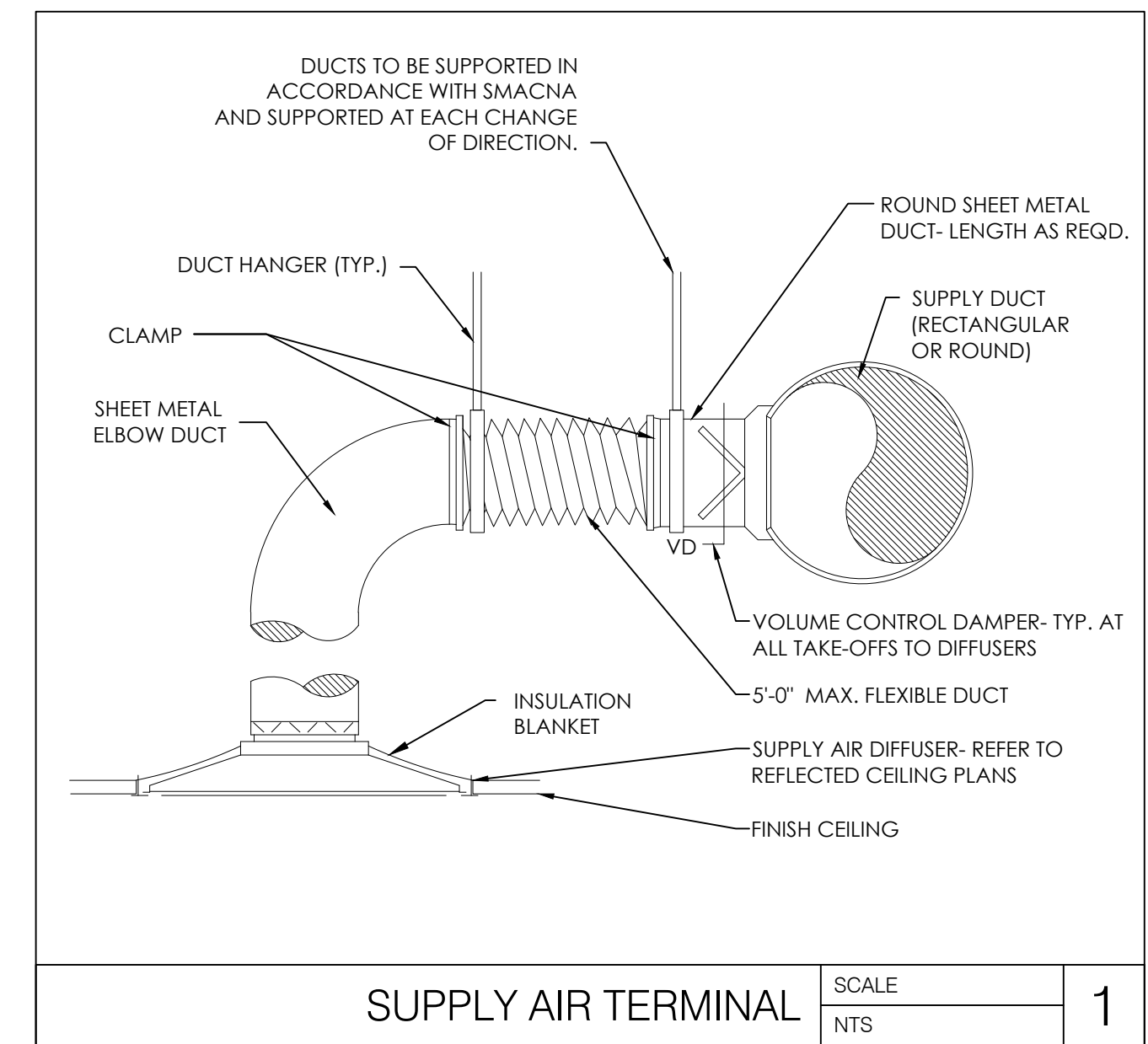
DUCTWORK



EXHAUST FAN SCHEDULE

TAG	SERVICE	LOCATION	CFM	MODEL NO.	SP WG	DRIVE	TYPE	ELECTRICAL				WEIGHT (LBS)	REMARKS
								HP	V	Ø	HZ		
EF-1	EXHAUST	CEILING	75	GREENHECK SP-870	0.375	DIRECT	CABINET	1/10	120	1	60	25	1-5

REMARKS:
 1. PROVIDE WITH STANDARD NEMA-1 DISCONNECT.
 2. PROVIDE WITH INTEGRAL BACKDRAFT DAMPER.
 3. PROVIDE WITH PROVIDE WITH SPEED CONTROLLER MOUNTED ON J-BOX ABOVE CEILING. T&B CONTRACTOR SHALL MARK BALANCED POSITION ON CONTROLLER.
 4. PROVIDE WITH VIBRATION ISOLATION.
 5. INTERLOCK WITH OCCUPANCY SENSOR SERVING BATHROOM LIGHT FIXTURE. FAN SHALL RUN CONTINUOUSLY WHILE BATHROOM IS OCCUPIED.



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ENGINEER OF RECORD

ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION

PROJECT NO:	ONB.32394
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	A.MATRISCIANO
CHECKED BY:	D.LEIFFER

SHEET TITLE

MECHANICAL GENERAL NOTES AND SCHEDULES

SHEET NUMBER

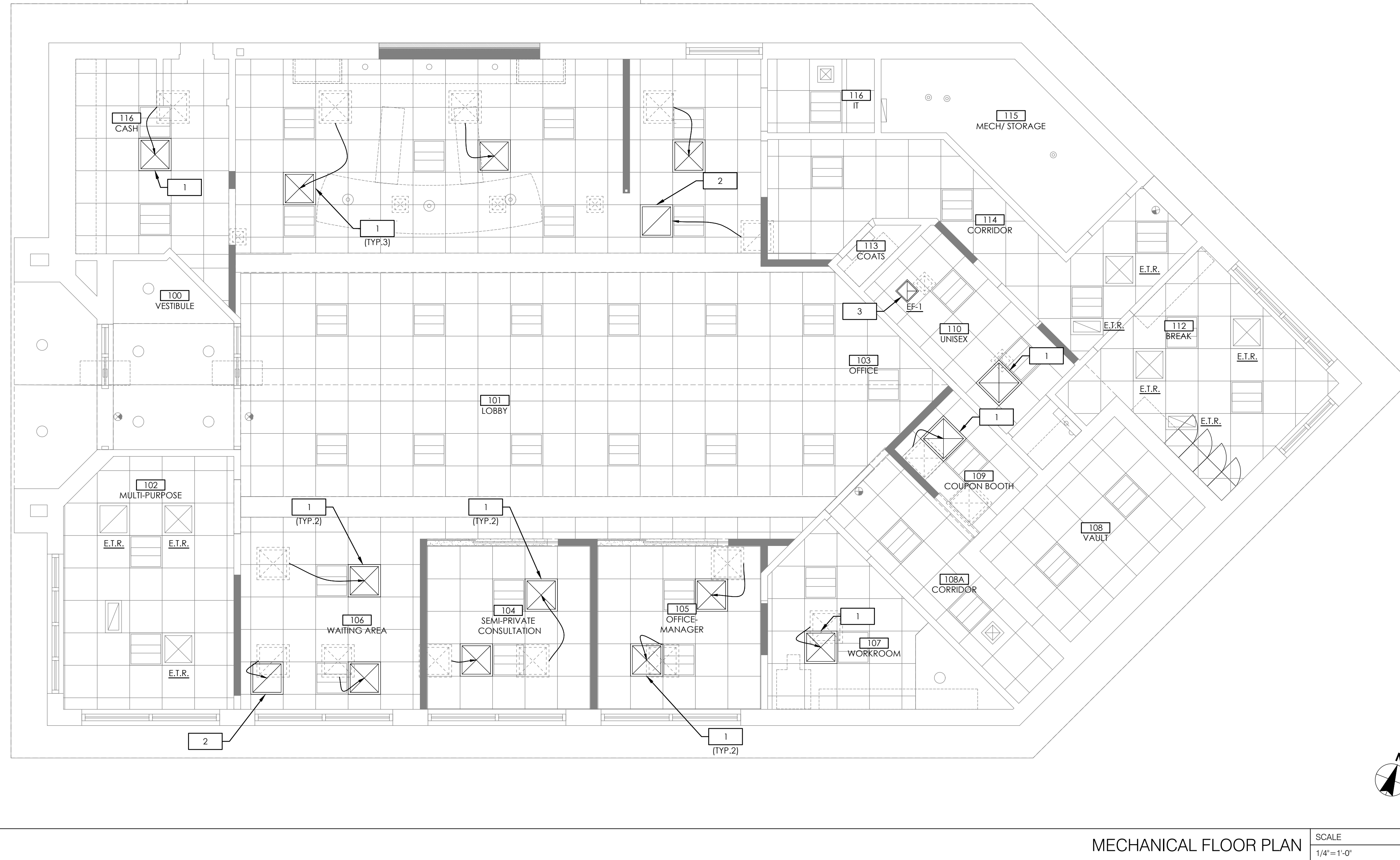
M-001

NOT FOR BID

MECHANICAL NOTES:

1. CONTRACTOR TO PROVIDE AND INSTALL NEW CEILING SUPPLY DIFFUSERS IN NEW CEILING GRID, MATCH EXISTING DIFFUSERS. CONTRACTOR TO EXTEND AND/OR MODIFY EXISTING DUCTWORK AS REQUIRED TO FACILITATE INSTALLATION.
2. CONTRACTOR TO PROVIDE AND INSTALL NEW CEILING RETURN GRILLES IN NEW CEILING GRID, MATCH EXISTING GRILLES. CONTRACTOR TO EXTEND AND/OR MODIFY EXISTING DUCTWORK AS REQUIRED TO FACILITATE INSTALLATION.
3. CONTRACTOR TO PROVIDE AND INSTALL NEW CEILING MOUNTED EXHAUST FAN IN NEW CEILING GRID, ROUTE FAN DISCHARGE AND CONNECT TO EXISTING ROOF TERMINATION VENT. REFER TO SCHEDULE ON SHEET M2.0 FOR ADDITIONAL INFORMATION.

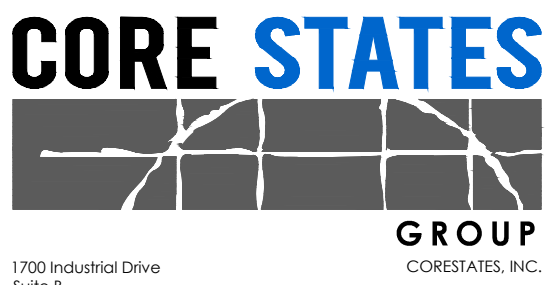
UPON COMPLETION OF WORK, THE MECHANICAL CONTRACTOR SHALL REPLACE ALL RETURN AIR FILTERS ON ALL EXISTING HVAC UNITS.



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

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ENGINEER OF RECORD

ISSUE	DATE	DESCRIPTION
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PROJECT INFORMATION	
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	A.MATRISCIANO
CHECKED BY:	D.LIEFFER

SHEET TITLE

MECHANICAL FLOOR PLAN

SHEET NUMBER

M-100

NOT FOR BID

PLUMBING FIXTURE SCHEDULE:

MARK	ITEM: DESCRIPTION	COLD WATER	HOT WATER	WASTE	VENT
WC-1	WATER CLOSET: AMERICAN STANDARD MODEL# CADET PRO 21 5A4.004 TWO-PIECE FLOOR MOUNTED VITREOUS CHINA TOILET WITH ELONGATED BOWL. PRESSURE ASSISTED 1.6 GPF FLUSH AND POLISHED CHROME TRIP LEVER. CONTRACTOR TO COORDINATE MODEL NUMBER TO POSITION FLUSH LEVER ON ADA ACCESSIBLE SIDE OF THE WATER CLOSET. SEAT: BEMIS COMMERCIAL MODEL #1955CT - WHITE SOLID ELONGATED PLASTIC OPEN FRONT LESS COVER. SUPPLIES: 3/8" X 12" CHROME PLATED FLEXIBLE SUPPLY WITH LOOSE KEY STOP.	1/2"	-	4"	2"
LAV-1	LAVATORY: KOHLER GREENWICH MODEL# K-2032 WHITE WALL-MOUNTED 20-3/4" X 18-1/4" VITREOUS CHINA SINK. PROVIDE WITH LAVATORY WALL CARRIER. FAUCET: AMERICAN STANDARD# 7186.101 INTEGRATED MIXER, POLISHED CHROME FINISH. 1.2 GPM AERATED SPRAY AND WITH ESCUTCHEON PLATE. STRAINER: AMERICAN STANDARD METAL SPEED CONNECT DRAIN BODY AND 1-1/4" TAILPIECE; P-TRAP: 1-1/4" X 12" CHROME PLATED 17 GAUGE W/TAILPIECE AND CLEANOUT SUPPLIES: 3/8" X 12" CHROME PLATED FLEXIBLE SUPPLIES WITH LOOSE KEY STOPS; THERMOSTATIC MIXING VALVE (TMV) MOUNTED BELOW LAVATORY AND SET FOR A MAXIMUM MIXED TEMP OF 105°F.	1/2"	1/2"	2"	1-1/2"
SK-1	LOUNGE SINK: ELKAY MODEL# LRAD2219 LUSTERTON SINGLE COMPARTMENT 19-1/2" X 22" X 5-1/2" DEEP 18 GAUGE STAINLESS STEEL; FAUCET: ZURN WIDESPREAD MODEL# Z83184-XL DECK MOUNTED FAUCET WITH REMOTE LEVER HANDLE. 5-3/8" SPOUT REACH. 2.0 GPM REGULATOR, AND CHROME FINISH OR CHICAGO FAUCETS MODEL# 786-E3ABC P DECK MOUNTED FAUCET WITH REMOTE LEVER HANDLE. 5-1/4" SPOUT REACH. 2.2 GPM REGULATOR, AND CHROME FINISH; SUPPLIES: 3/8" X 12" CHROME PLATED FLEXIBLE SUPPLIES WITH WHEEL HANDLE STOP; SINK DISPOSAL INSINKERATOR PRO 750 EVOLUTION SERIES. PROVIDE INSINKERATOR MODEL# PRO 750 EVOLUTION SERIES SINK DISPOSAL.	1/2"	1/2"	2"	1-1/2"
DF-1	ELECTRIC WATER COOLER: ELKAY MODEL# E2318WSSK BI-LEVEL WALL MOUNTED ADA COOLER WITH ALL STAINLESS STEEL FINISH. FRONT AND SIDE PUSHBAR. FLEXIBLE ANTI-MICROBIAL SAFETY BUBBLER, AND E2H2O BOTTLE FILLING STATION. BOTTLE FILLING STATION TO BE INSTALLED ON LOW SIDE OF WATER COOLER. SUPPLIES: 3/8" X 12" CHROME PLATED FLEXIBLE SUPPLIES WITH LOOSE KEY STOP; CARRIER: FLOOR MOUNTED IN WALL CARRIER MOUNTING SYSTEM.	1/2"	-	2"	1-1/2"
FD	FLOOR DRAIN: ZURN MODEL# ZN41SS-Y FLOOR DRAIN. DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET. ADJUSTABLE COLLAR, AND HEEL PROOF NICKEL BRONZE TOP. PROVIDE WITH SQUARE 5X5 STRAINER, SEDIMENT BUCKET, AND TRAP PRIMER CONNECTION.	-	-	SEE DRAWINGS	-
TP	TRAP PRIMER: PRECISION PLUMBING PRODUCTIONS MODEL# P1-500 PRESSURE DROP ACTIVATED TRAP PRIMER. LEAD FREE BRASS BODY WITH STAINLESS STEEL MESH SCREEN. PROVIDE WITH DU-U DISTRIBUTION UNIT AS NECESSARY FOR MULTIPLE FLOOR DRAIN CONNECTIONS.	1/2"	-	-	-

PLUMBING DEMOLITION NOTES:

1.	THE INFORMATION CONTAINED IN THESE DOCUMENTS IS NOT TO BE CONSIDERED AS COMPLETE AND FULLY ACCURATE AS IT PERTAINS TO THE EXACT QUANTITY AND LOCATION OF ALL SYSTEM COMPONENTS. THE INFORMATION CONTAINED HEREIN WAS OBTAINED FROM ORIGINAL DESIGN DOCUMENTS AND LIMITED SITE VISITS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE EXACT LOCATION, SERVICE, AND QUANTITY OF ALL EXISTING SYSTEM COMPONENTS PRIOR TO BEGINNING DEMOLITION WORK. CONTRACTOR TO VISIT SITE PRIOR TO COMMENCING WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK.
2.	CONTRACTOR TO REMOVE ALL EXISTING PLUMBING FIXTURES ACCORDING TO ARCHITECTURAL DEMOLITION PLAN, INCLUDING BUT NOT LIMITED TO WATER CLOSETS, LAVATORIES, MOP SINKS, AND OTHER KITCHEN EQUIPMENT. REMOVE ALL ASSOCIATED BRANCH PIPING INCLUDING COLD WATER, HOT WATER, SANITARY, GREASE, AND VENT PIPING. PROPERLY CAP AND SEAL ALL REMOVED PIPING. EXISTING GAS, SANITARY, VENT, AND COLD WATER MAIN PIPING TO REMAIN AND BE RE-USED.
3.	EXISTING WORK IS INDICATED IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION SHALL BE CHECKED IN THE FIELD BY EACH SUBCONTRACTOR. AS DEMOLITION PROCEEDS, CAREFUL MEASUREMENTS SHALL BE MADE OF ALL WORK UNCOVERED TO WHICH NEW WORK MUST FIT, AND SHOP DRAWINGS FOR ALL FABRICATED MATERIALS SHALL BE COORDINATED WITH INFORMATION SO OBTAINED. NO EXTRA COSTS WILL BE ALLOWED FOR PREFABRICATION OF ANY MATERIALS WHICH ARE INCORRECTLY FABRICATED WITHOUT SUCH COORDINATION.
4.	THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE, AND REPORT ANY DISCREPANCY TO THE ARCHITECT AND/OR ENGINEER OF RECORD BEFORE PROCEEDING WITH ANY WORK.
5.	PATCH AND REPAIR ALL EXISTING PENETRATIONS TO MATCH ADJACENT CONDITIONS.

PLUMBING GENERAL NOTES:

1.	CONTRACTOR SHALL PROVIDE COMPLETE PLUMBING SYSTEMS AS DETAILED ON THESE DRAWINGS. IN COMPLIANCE WITH 2015 MINNESOTA PLUMBING CODE. WORK CONSISTS OF FURNISHING ALL MATERIALS, EQUIPMENT, AND SERVICES REQUIRED FOR COMPLETE SYSTEMS. INCLUDE ANY INCIDENTAL APPARATUS, APPLIANCES, MATERIAL LABOR AND SERVICES NECESSARY TO MAKE NEW WORK COMPLETE IN ALL RESPECTS AND FULLY READY FOR OPERATION.
2.	VERIFY THE EXACT LOCATION OF EXISTING SANITARY SEWERS AND WATER MAINS FROM THE ACTUAL JOB SITE PRIOR TO SUBMITTING BID. SUBMISSION OF YOUR PROPOSAL SHALL BE CONSTRUED AS INDICATING SUCH KNOWLEDGE. NO ADDITIONAL PAYMENT WILL BE MADE ON CLAIMS THAT ARISE FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.
3.	MAKE SUCH OFFSETS AND DEVIATIONS FROM WORK SHOWN ON THE DRAWINGS, AS MAY BE NECESSARY TO FIT THE ACTUAL SPACE CONDITIONS.
4.	WHERE VALVES OCCUR ABOVE DRYWALL OR PLASTER OR ARE CONCEALED BEHIND WALLS, THIS CONTRACTOR SHALL FURNISH AND INSTALL ACCESS PANELS. COORDINATE COLOR AND STYLE WITH ENGINEER/ARCHITECT.
5.	INSTALLER SHALL NOT CUT ANY STRUCTURAL MEMBERS WITHOUT FIRST SECURING WRITTEN APPROVAL FROM THE ARCHITECT.
6.	PROVIDE DIELECTRIC UNIONS AT ALL CONNECTIONS BETWEEN DISSIMILAR PIPING METALS.
7.	NO VENT THROUGH ROOF SHALL TERMINATE CLOSER THAN 10 FT. TO ANY OUTSIDE AIR INTAKE OR VENTILATION LOUVERS, DOORS, WINDOWS AND OTHER BUILDING OPENINGS.
8.	SANITARY SEWER AND MAIN WATER PIPING UNDERGROUND SHALL BE A MINIMUM OF 36" BELOW EXTERIOR GRADE.
9.	PIPING IN CONCRETE BLOCK WALLS SHALL BE INSTALLED AS BLOCK IS BEING LAID. DO NOT CUT BLOCK WALL.
10.	PROVIDE ALL SINKS AND LAVATORIES WITH TRAP FITTINGS FOR CLEANOUT
11.	CONTRACTOR IS RESPONSIBLE TO ALSO CHECKING FIELD CONDITIONS PRIOR TO BIDDING AND REPORT ANY PROBLEMS/CONFLICTS TO THE ENGINEER WITHIN 2 DAYS OF DISCOVERY. ANY CHANGES RESULTING FROM CONDITIONS ARISING IN THE FIELD WHICH WERE NOT BROUGHT TO THE ENGINEER'S ATTENTION ARE TO BE MADE BY THIS CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER
12.	ALL WORK IS TO BE FREE OF DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE(1) YEAR FROM DATE OF FINAL ACCEPTANCE. ALL DEFECTS WHICH DEVELOP OR ARE DISCOVERED WITHIN THIS PERIOD SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
13.	UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL REMOVE ALL TOOLS, APPLIANCES, SURPLUS MATERIALS, AND SCRAP. ALL IDENTIFIED EXISTING EQUIPMENT TO BE REMOVED SHALL BE TURNED OVER TO THE OWNER.
14.	THE CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES IN ORDER TO AVOID CONFLICTS.
15.	THE CONTRACTOR SHALL PROVIDE ALL CHROME EXPOSED TRAP PRIMER CONNECTIONS BELOW LAVATORIES
16.	PLUMBING CONTRACTOR SHALL PROVIDE NAMEPLATE INFO TO THE FACILITY MANAGER FOR WATER HEATER AND RPZ.
17.	CONTRACTOR TO VISUALLY INSPECT CONDITION OF EXISTING SANITARY PIPING PRIOR TO COMMENCING WORK WITH APPROVED VIDEO CAMERA PROBE. CONTRACTOR TO RECORD INSPECTION AND PROVIDE TO ARCHITECT. IMMEDIATELY NOTIFY ARCHITECT OF ANY DEFECTS, DAMAGES, OR ISSUES IN EXISTING PIPING. UPON COMPLETION OF WORK RE-INSPECT PIPING.
18.	ALL NEW AND EXISTING POTABLE WATER PIPING SHALL BE DISINFECTED PRIOR TO OCCUPANCY.

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
BOT	BOTTOM
CD	CONDENSATE DRAINAGE
CP	CHROME PLATED
CLG	CEILING
CO	CLEANOUT
CN	COLD WATER
DN	DOWN
DNZ	DOWNSPOUT NOZZLE
D	DRAIN
ET	EXPANSION TANK
EW	ELECTRIC WATER HEATER
FCO	FLOOR CLEANOUT
FC	FAN COIL
FD	FLOOR DRAIN
FL	FLOOR
GCO	GRADE CLEANOUT
GPF	GALLONS PER FLUSH
GPM	GALLONS PER MINUTE
GV	GATE VALVE
HB	HOSE BIBB
HW	HOT WATER
INV	INVERT (VERIFY IN FIELD)
MAX	MAXIMUM
MIN	MINIMUM
ORD	OVERFLOW ROOF DRAIN
RD	ROOF DRAIN
RWL	RAINWATER LEADER
S	SANITARY
ST	STORM DRAIN
SST	SECONDARY STORM DRAIN
W/TPC	WITH TRAP PRIMER CONNECTION
TMV	THERMOSTATIC MIXING VALVE
TYP	TYPICAL
UN	UNLESS OTHERWISE NOTED
V	VENT
VO	VALVED OUTLET
VIF	VERIFY IN FIELD
VTR	VENT THRU ROOF
W	WASTE
WCO	WALL CLEANOUT

PIPING

	NEW COLD WATER PIPING
	NEW HOT WATER PIPING
	NEW HOT WATER RETURN PIPING
	NEW SANITARY AND/OR WASTE PIPING
	NEW VENT PIPING
	NEW PRIMARY STORM WATER PIPING
	NEW SECONDARY STORM WATER PIPING
	NEW CONDENSATE DRAIN PIPING
	NEW GAS PIPING
	HAMMER ARRESTOR (PDI SIZE INDICATED)
	CLEANOUT IN FLOOR
	GRADE CLEANOUT
	FLOOR DRAIN
	ROOF DRAIN (PRIMARY)
	ROOF DRAIN (SECONDARY)
	WALL CLEANOUT EXPOSED
	VALVE IN RISER
	DIRECTION OF FLOW
	TOP CONNECTION, 45 OR 90 DEG.
	BOTTOM CONNECTION, 45 OR 90 DEG.
	SIDE CONNECTION
	CAPPED OUTLET
	DROP IN PIPING
	RISE IN PIPING
	HOSE BIBB
	BALL VALVE

ISOMETRIC SYMBOLS

	VENT THRU ROOF
	WATER CLOSET
	WALL CLEANOUT
	LAVATORY AND/OR SINK
	GRADE OR FLOOR CLEANOUT
	FLOOR DRAIN
	FLOOR DRAIN WITH TRAP PRIMER CONNECTION

DRAWING SYMBOLS

	POINT OF CONNECTION
	POINT OF DISCONNECTION
	KEYED NOTES

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ENGINEER OF RECORD

ISSUE DATE DESCRIPTION

- 10.22.2021 100% SET REVIEW

PROJECT INFORMATION

PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	A.MATRISCIANO
CHECKED BY:	D.LEIFFER

SHEET TITLE

PLUMBING
ABBREVIATION,
LEGENDS & NOTES

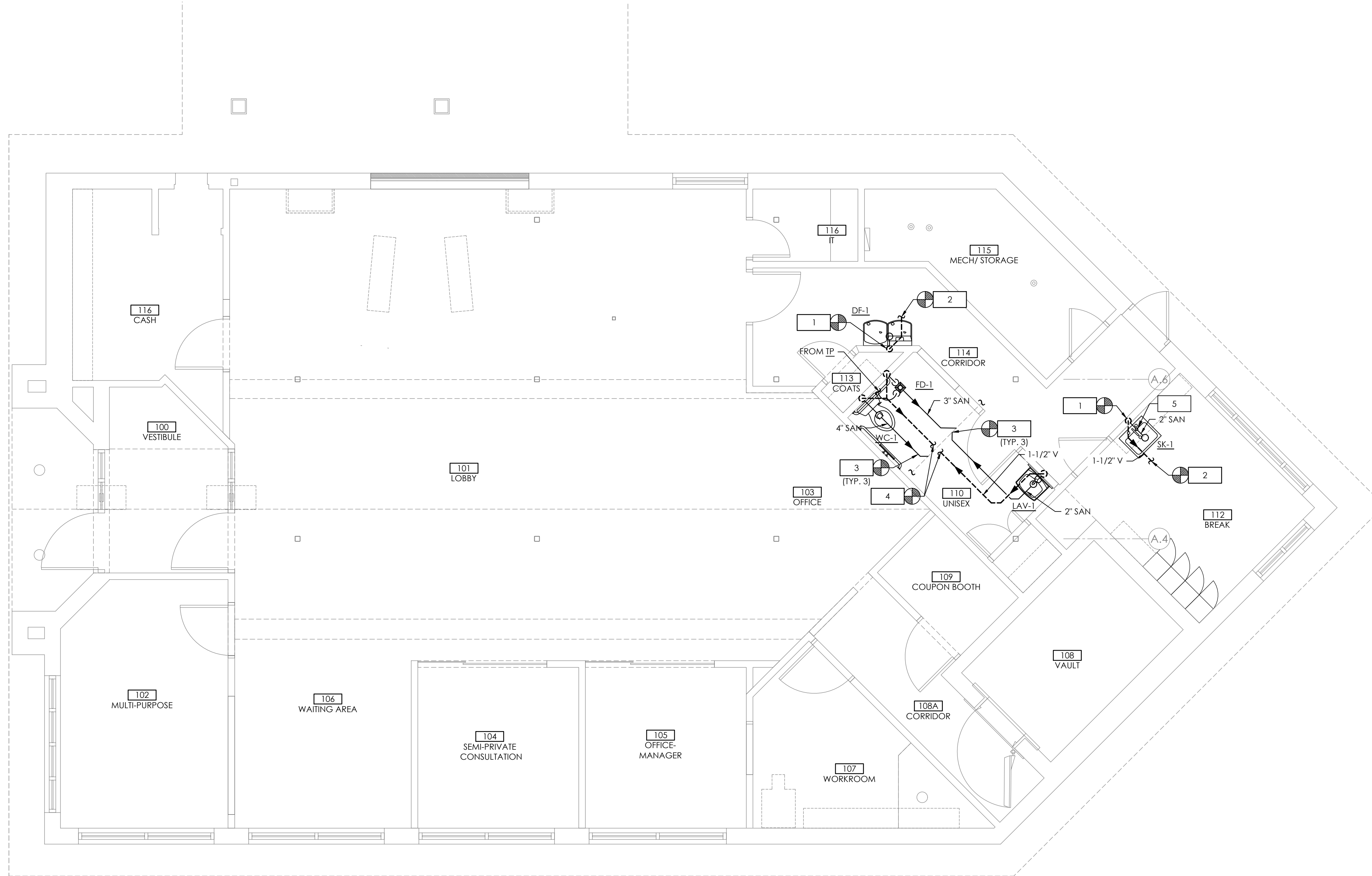
SHEET NUMBER

P-001

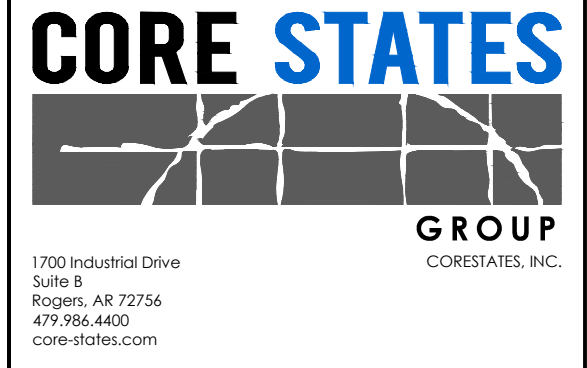
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NOT FOR BID

- PLUMBING NOTES:**
1. CONTRACTOR TO EXTEND AND/OR MODIFY EXISTING SANITARY ROUGH-IN AS REQUIRED TO FACILITATE INSTALLATION OF NEW PLUMBING FIXTURE. CONTRACTOR TO FIELD VERIFY EXISTING PIPING PRIOR TO COMMENCING WORK.
 2. CONTRACTOR TO EXTEND AND/OR MODIFY EXISTING VENT ROUGH-IN AS REQUIRED TO FACILITATE INSTALLATION OF NEW PLUMBING FIXTURE. CONTRACTOR TO FIELD VERIFY EXISTING PIPING PRIOR TO COMMENCING WORK.
 3. CONTRACTOR TO ROUTE NEW SANITARY PIPING AND CONNECT TO EXISTING SANITARY PIPING. CONTRACTOR TO VERIFY EXACT TIE-IN LOCATION, INVERT, AND SLOPE PRIOR TO COMMENCING WORK.
 4. CONTRACTOR TO ROUTE NEW VENT PIPING AND CONNECT TO EXISTING VENT PIPING. CONTRACTOR TO VERIFY EXACT TIE-IN LOCATION, INVERT, AND SLOPE PRIOR TO COMMENCING WORK.
 5. CONTRACTOR TO INSTALL NEW BREAK ROOM SINK DISPOSAL IN CABINET BELOW SINK.



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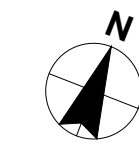
SHEET TITLE
**PLUMBING
 SANITARY & VENT
 PLAN**

SHEET NUMBER
P-100

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PLUMBING NOTES:	
1.	CONTRACTOR TO EXTEND AND/OR MODIFY EXISTING DOMESTIC COLD WATER AND HOT WATER ROUGH-IN PIPING AS REQUIRED TO FACILITATE INSTALLATION OF NEW PLUMBING FIXTURE. CONTRACTOR TO FIELD VERIFY EXISTING PIPING PRIOR TO COMMENCING WORK.
2.	CONTRACTOR TO ROUTE NEW DOMESTIC WATER PIPING AND CONNECT TO EXISTING PIPING OF GREATER OR EQUAL SIZE. CONTRACTOR TO FIELD VERIFY EXACT TIE-IN LOCATION AND SIZE PRIOR TO COMMENCING WORK.



PLUMBING DOMESTIC WATER PLAN

SCALE
1/4" = 1'-0"

1

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EXCLUSIONS: THESE ARE NOT CONTRACTOR'S RESPONSIBILITIES. CONTRACTOR SHALL VERIFY ALL INFORMATION FOR THE PROJECT AND SPECIFIC USES FOR WHICH THEY ARE INTENDED. ANY EXTENSION OF USE TO ANY OTHER PROJECT OR USE SHALL BE THE USER'S RESPONSIBILITY. CONTRACTOR SHALL VERIFY ALL INFORMATION FOR THE PROJECT AND SPECIFIC USES FOR WHICH THEY ARE INTENDED. ANY EXTENSION OF USE TO ANY OTHER PROJECT OR USE SHALL BE THE USER'S RESPONSIBILITY. CONTRACTOR SHALL VERIFY ALL INFORMATION FOR THE PROJECT AND SPECIFIC USES FOR WHICH THEY ARE INTENDED. ANY EXTENSION OF USE TO ANY OTHER PROJECT OR USE SHALL BE THE USER'S RESPONSIBILITY.



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CHECKED BY:	D.LIEFFER

SHEET TITLE

PLUMBING DOMESTIC WATER PLAN

SHEET NUMBER

P-101

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ABBREVIATIONS	
A	AMPERE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
CT	CURRENT TRANSFORMER
CU	COPPER
DWG	DRAWING
E	EXISTING
EB	EQUIPMENT BOARD
E.C.	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
EWC	ELECTRIC WATER COOLER
EWB	ELECTRIC WATER HEATER
F	FUSE
FA	FIRE ALARM
FATC	FIRE ALARM TERMINAL CABINET
FACP	FIRE ALARM CONTROL PANEL
GFI, GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND, G	GROUND
HACR	HEATING/AIR CONDITIONING-RATED
HD	HAND DRYER
HP	HORSEPOWER
IG	ISOLATED GROUND
J	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT AMPERE
KW	KILOWATT
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MIS	MANUAL TRANSFER SWITCH
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NF	NON-FUSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NL	NIGHT LIGHT
PNL	PANEL
PVC	POLYVINYL CHLORIDE CONDUIT
REF	REFRIGERATOR
SPD	SURGE PROTECTIVE DEVICE
SW	SWITCH
SWBD	SWITCHBOARD
TS	TIME SWITCH
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLT
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
WP	WEATHER PROOF
WR	WEATHER RESISTANT
XFMR	TRANSFORMER

NOT ALL ABBREVIATIONS WILL BE USED. USED FOR REFERENCE PURPOSES ONLY.

DEVICE LEGEND	
SYMBOL	DESCRIPTION
	HOMERUN TO PANEL INDICATED (CONCEALED). MINIMUM 3/4" CONDUIT. UNLESS OTHERWISE NOTED PROVIDE #12 CONDUCTORS AS REQUIRED BY THE NUMBER OF CIRCUITS SHOWN. INCLUDE #12 GROUND AND #12 NEUTRAL CONDUCTORS. FOR HOMERUNS EXCEEDING 100' IN LENGTH PROVIDE #10 CONDUCTORS. FOR HOMERUNS EXCEEDING 150' IN LENGTH PROVIDE #8 CONDUCTORS. THERE SHALL BE A MAXIMUM OF 2 BRANCH CIRCUITS FOR SINGLE PHASE AND 3 BRANCH CIRCUITS FOR THREE PHASE PER HOMERUN (AS INDICATED ON THE PLANS). TEXT SHOWN BY HOMERUN INDICATES PANELBOARD DESIGNATION AND CIRCUIT NUMBER(S).
	CONDUIT CONCEALED IN WALL OR ABOVE CEILING SPACE. UNLESS OTHERWISE NOTED PROVIDE #12 CONDUCTORS AS REQUIRED BY THE NUMBER OF CIRCUITS SHOWN. INCLUDE #12 GROUND AND #12 NEUTRAL. MINIMUM 1/2" CONDUIT.
	UNDERGROUND OR BELOW SLAB CONDUIT. UNLESS OTHERWISE NOTED PROVIDE #12 CONDUCTORS AS REQUIRED BY THE NUMBER OF CIRCUITS SHOWN. INCLUDE #12 GROUND AND #12 NEUTRAL. MINIMUM 3/4" CONDUIT.
	PANELBOARD - BRANCH CIRCUIT TYPE - 120/208V
	NON-FUSIBLE DISCONNECT SWITCH - HEAVY DUTY - SEE SPECIFICATIONS - MOUNT TOP OF ENCLOSURE 66" AFF. (UON)
	FUSIBLE DISCONNECT SWITCH - HEAVY DUTY - FUSED AS INDICATED ON PLANS - SEE SPECIFICATIONS - MOUNT TOP OF ENCLOSURE 66" AFF. (UON)
	ENCLOSED CIRCUIT BREAKER - HEAVY DUTY - SEE SPECIFICATIONS - MOUNT TOP OF ENCLOSURE 66" AFF. (UON)
	NEMA 5-30R RECEPTACLE - 30A, 120V - CENTER MOUNTED 18" AFF. (UON)
	DUPLEX RECEPTACLE - 20A, 120V - CENTER MOUNTED 18" AFF. (UON)
	SOFFIT MOUNTED DUPLEX RECEPTACLE - 20A, 120V - FLUSH IN SOFFIT
	QUAD RECEPTACLE - 20A, 120V - CENTER MOUNTED 18" AFF. (UON)
	NEMA 6-20R - 20A, 120V - CENTER MOUNTED AS INDICATED ON PLAN
	DATA OUTLET - WALL MOUNTED - UON BOTTOM TO BOTTOM 18" AFF COMMSPACE - GIGASPEED XL MGS400 SERIES - 700206725 MGS400-262
	1 PORT SMB DATA AND FACE PLATE - WALL MOUNTED - UON BOTTOM TO BOTTOM 18" AFF COMMSPACE - M101 TYPE SURFACE MOUNT BOX, SINGLE PORT, WHITE - 107984015 M101SMB-B-262 WITH L TYPE FLUSH MOUNTED FACEPLATE - 108258427 M10L-262
	2 PORT SMB DATA AND FACE PLATE - WALL MOUNTED - UON BOTTOM TO BOTTOM 18" AFF COMMSPACE - M102 TYPE SURFACE MOUNT BOX, DUAL PORT, WHITE - 107984015 M102SMB-B-262 WITH L TYPE FLUSH MOUNTED FACEPLATE - 108168469 M12L-262
	SINGLE POLE SWITCH - 20A, 120V - REFER TO ARCH DRAWINGS FOR MOUNTING HEIGHTS
	OCCUPANCY SENSOR - CEILING MOUNTED REFER TO LIGHTING PLAN FOR SPECIFICATIONS
	OCCUPANCY SENSOR - WALL MOUNTED - ACUITY BRANDS - SP0DMR WR REFER TO ARCH DRAWINGS FOR MOUNTING HEIGHTS
	CEILING OR WALL MOUNTED JUNCTION BOX - UON SIZE AS REQUIRED BY NEC
	MULTIPLE SERVICE FLOOR BOX COVER KIT: LEGRAND - RATCHET-PRO SERIES FLOOR BOX - RPAV3CTCBK (BLCK)

GENERAL NOTES:	
•	REFER TO ARCHITECTURAL DRAWINGS FOR INTERIOR ELECTRICAL SYSTEM DEVICE AND FIXTURE LOCATIONS AND ADDITIONAL INFORMATION ON BUILDING ENVELOPE FIXTURES AND DEVICES.
•	ALL ENDS OF CONDUIT SHALL HAVE BUSHING OR A COUPLING INSTALLED FOR THE PURPOSE OF PROVIDING PROTECTION OF CONDUCTORS. IN NO CASE ARE CONDUIT ENDS PERMITTED TO REMAIN OPEN.
•	ALL LOW VOLTAGE WIRING IN INACCESSIBLE AREAS SHALL BE INSTALLED IN METALLIC CONDUIT.
•	ALL WIRING FOR THE PURPOSE OF EMERGENCY SYSTEMS SHALL BE INSTALLED IN A SEPARATE CONDUIT SYSTEM INDEPENDENT OF OTHER SYSTEMS.
•	THERE SHALL BE SEPARATE IDENTIFIED NEUTRAL INSTALLED FOR EACH EMERGENCY LIGHTING CIRCUIT AND/OR EXIT LIGHTING CIRCUIT.
•	SECURELY FASTEN EACH RECESSED GRID LIGHT FIXTURE TO THE CEILING SYSTEM WITH APPROPRIATE SUPPORT BRACKETS AND CLIPS PER INDUSTRY STANDARDS. AT LEAST TWO CORNERS OF EACH FIXTURE SHALL BE SUPPORTED INDEPENDENTLY FROM ANY OTHER SUPPORTING SYSTEM.
•	REFER TO ARCHITECTURAL DRAWINGS FOR ALL LIGHT FIXTURE LAMP ORIENTATION.
•	ALL LIGHTING SHALL BE PROTECTED BY A MAXIMUM 20 AMP CIRCUIT BREAKER.
•	ALL BRANCH CIRCUIT CONDUCTORS SHALL BE CONNECTED BY MEANS OF A SCREW TERMINAL.
•	THE CONTINUITY OF ANY BRANCH CIRCUIT CONDUCTOR INCLUDING ANY IDENTIFIED GROUNDED CONDUCTOR SHALL NOT DEPEND UPON DEVICE CONNECTIONS, SUCH AS LAMPHOLDERS, RECEPTACLES, ETC., WHERE THE REMOVAL OF SUCH DEVICES WOULD INTERRUPT THE CONTINUITY.
•	DE-RATING OF THE NEUTRAL IS PROHIBITED.
•	THE USE OF AUXILIARY GUTTERS, WIREWAYS, RACEWAYS, AS ENCLOSURES FOR SERVICE ENTRANCE OR TAPPING OF SERVICE ENTRANCE CONDUCTORS IS STRICTLY PROHIBITED.
•	METAL IDENTIFICATION TAGS SHALL BE INSTALLED WHERE THE GROUNDING CONDUCTOR IS CONNECTED TO THE GROUNDING ELECTRODE.
•	ALL POWER, DATA AND SECURITY CONDUIT CONNECTIONS TO SYSTEMS FURNITURE PANELS SHALL BE BY THE ELECTRICAL CONTRACTOR. COORDINATE EXACT LOCATIONS AND CONNECTION REQUIREMENTS WITH OWNER'S SYSTEMS FURNITURE VENDOR PRIOR TO ROUGH-IN. INSTALL FLUSH JUNCTION BOXES AT 8" MIN. AFF AND PROVIDE FLEXIBLE CONDUIT TO PARTITIONS SYSTEM RACEWAY.
•	REFER TO ARCHITECTURAL DRAWINGS FOR ORIENTATION OF POWER, DATA AND SECURITY SYSTEMS JUNCTION BOXES AND MUD RINGS.
•	REFER TO ARCHITECTURAL DRAWINGS FOR ELECTRICAL, DATA, AND SECURITY DEVICE AND COVER PLATE COLORS.
•	ISOLATED GROUND RECEPTACLES SHALL BE ORANGE.
•	PENETRATIONS OF FLOORS, ROOF, WALLS AND WALL MEMBRANES REQUIRED TO HAVE FIRE-RESISTANCE RATINGS SHALL BE PROTECTED WITH THROUGH-PENETRATION FIRE STOPS SUITABLE FOR THE METHOD OF PENETRATION. MAINTAIN ALL FIRE RATINGS. THROUGH-PENETRATIONS FIRE STOPS SHALL BE TESTED IN ACCORDANCE WITH UL AND BUILDING CODE REQUIREMENTS.
•	ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENTLY ENFORCED NATIONAL ELECTRICAL CODE (NEC).
•	UNLESS OTHERWISE DICTATED BY APPLICABLE CODES OR THE AHJ, ALL MATERIALS WITHIN RETURN AIR PLENUM MUST BE NONCOMBUSTIBLE AND/OR HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX NOT MORE THAN 50 IN ACCORDANCE WITH ATSM E 84 TESTING.
•	UNLESS OTHERWISE NOTED, ALL RECEPTACLES SHALL BE MOUNTED AT 18" AFF. REFER TO ARCHITECTURAL ELEVATIONS FOR FINAL LOCATIONS AND MOUNTING HEIGHTS.
•	E.C. TO PROVIDE LABELS ON ALL RECEPTACLES (ELECTRICAL, DATA, AND SECURITY). COORDINATE LABEL NAMING CONVENTIONS WITH OWNER PRIOR TO INSTALLATION.
•	SECURITY/COMMUNICATION SYSTEM E.C. TO PROVIDE ROUGH-IN @ CONCEALED SPACES; ROUGH-IN TO CONSIST OF 3/4" CONDUIT, 4x4 BOXES AND SINGLE GANG RINGS (VERTICAL), LOW VOLTAGE VENDOR TO PROVIDE AND INSTALL SECURITY CABLING. COORDINATE WITH SECURITY VENDOR.
•	VERIFY ELECTRICAL REQUIREMENTS, CONNECTIONS, AND EXACT LOCATION OF CONNECTIONS. COORDINATE WITH VENDORS AND OWNER.
•	CONTRACTOR TO VERIFY ALL CONNECTION TYPES AND REQUIREMENTS PRIOR TO ROUGH-IN AND INSTALLATION.
•	CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER, AND FUSE SIZE WITH EQUIPMENT MANUFACTURER PRIOR TO PLACING ORDER AND PRIOR TO INSTALLATION.
•	AS PER THE NATIONAL ELECTRICAL CODE (NEC) SECTION 210.8(B) - ALL 15 OR 20 AMP RECEPTACLES SHALL HAVE GROUND FAULT CIRCUIT-INTERRUPTER PROTECTION. PROTECTION SHALL EITHER BE AT THE RECEPTACLE ITSELF OR PROVIDED BY THE CIRCUIT BREAKER. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
•	REFER TO ARCHITECTURAL PLANS FOR FINAL LOCATIONS OF ALL EQUIPMENT.
•	THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING WITH OWNER AND VENDORS FOR ALL POWER, TELEPHONE, DATA REQUIREMENTS AND CONNECTIONS.
•	THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH OWNER FOR ALL AUDIO/VISUAL AND TELECOMMUNICATIONS REQUIREMENTS.
•	ALL TELEPHONE/DATA CONNECTIONS SHALL BE COORDINATED WITH OWNER PRIOR TO INSTALLATION.

GENERAL INFORMATION	
1.	TEXT SHOWN ON PLANS ADJACENT TO LIGHTING FIXTURES SHALL DENOTE THE FOLLOWING: A - UPPERCASE LETTER INDICATES FIXTURE TYPE o - LOWERCASE LETTER INDICATES LIGHT SWITCH CONTROL 1 - NUMBER INDICATES BRANCH CIRCUIT NUMBER
2.	LIGHT FIXTURE HATCHING SHALL BE INTERPRETED AS FOLLOWS: NORMAL BRANCH CIRCUIT EMERGENCY LIGHT FIXTURE WITH BATTERY BACKUP
3.	NUMBERS SHOWN ON PLANS ADJACENT TO WIRING DEVICES INDICATE BRANCH CIRCUIT NUMBER.
4.	STANDARD SYMBOLS SHOWN ON LEGEND MAY NOT APPEAR ON ALL PLANS. WHERE SYMBOL APPEARS ON PLANS FURNISH AND INSTALL AS SPECIFIED.

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ENGINEER OF RECORD

JOHN FERGUSON, P.E.
 MINNESOTA
 LICENSE # 46542

ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION	
PROJECT NO:	ONB.32396
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DRAWN BY:	D. MULVANEY
CHECKED BY:	C. SACCO

SHEET TITLE

LEGEND,
 ABBREVIATIONS
 AND NOTES

SHEET NUMBER

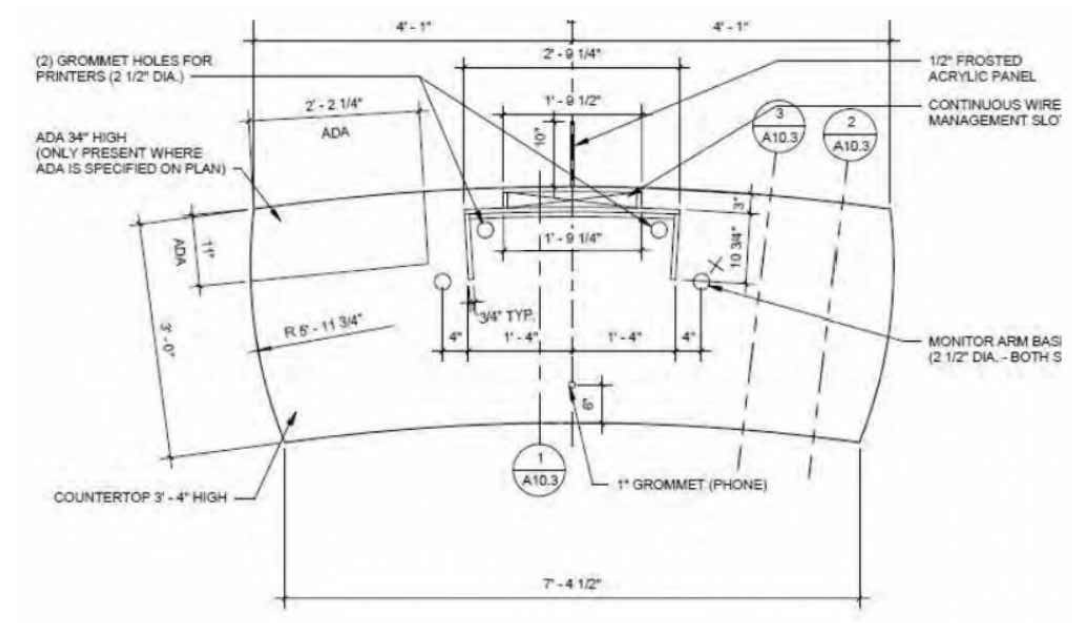
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CONTRACTOR SHALL VERIFY ALL ELECTRICAL, DATA, AND SECURITY REQUIREMENTS WITH OWNER'S SYSTEMS FURNITURE VENDOR PRIOR TO ROUGH-IN. INSTALL FLUSH JUNCTION BOXES AT 8" MIN. AFF AND PROVIDE FLEXIBLE CONDUIT TO PARTITIONS SYSTEM RACEWAY. REFER TO ARCHITECTURAL DRAWINGS FOR ORIENTATION OF POWER, DATA AND SECURITY SYSTEMS JUNCTION BOXES AND MUD RINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ELECTRICAL, DATA, AND SECURITY DEVICE AND COVER PLATE COLORS. ISOLATED GROUND RECEPTACLES SHALL BE ORANGE. PENETRATIONS OF FLOORS, ROOF, WALLS AND WALL MEMBRANES REQUIRED TO HAVE FIRE-RESISTANCE RATINGS SHALL BE PROTECTED WITH THROUGH-PENETRATION FIRE STOPS SUITABLE FOR THE METHOD OF PENETRATION. MAINTAIN ALL FIRE RATINGS. THROUGH-PENETRATIONS FIRE STOPS SHALL BE TESTED IN ACCORDANCE WITH UL AND BUILDING CODE REQUIREMENTS. ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENTLY ENFORCED NATIONAL ELECTRICAL CODE (NEC). UNLESS OTHERWISE DICTATED BY APPLICABLE CODES OR THE AHJ, ALL MATERIALS WITHIN RETURN AIR PLENUM MUST BE NONCOMBUSTIBLE AND/OR HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX NOT MORE THAN 50 IN ACCORDANCE WITH ATSM E 84 TESTING. UNLESS OTHERWISE NOTED, ALL RECEPTACLES SHALL BE MOUNTED AT 18" AFF. REFER TO ARCHITECTURAL ELEVATIONS FOR FINAL LOCATIONS AND MOUNTING HEIGHTS. E.C. TO PROVIDE LABELS ON ALL RECEPTACLES (ELECTRICAL, DATA, AND SECURITY). COORDINATE LABEL NAMING CONVENTIONS WITH OWNER PRIOR TO INSTALLATION. SECURITY/COMMUNICATION SYSTEM E.C. TO PROVIDE ROUGH-IN @ CONCEALED SPACES; ROUGH-IN TO CONSIST OF 3/4" CONDUIT, 4x4 BOXES AND SINGLE GANG RINGS (VERTICAL), LOW VOLTAGE VENDOR TO PROVIDE AND INSTALL SECURITY CABLING. COORDINATE WITH SECURITY VENDOR. VERIFY ELECTRICAL REQUIREMENTS, CONNECTIONS, AND EXACT LOCATION OF CONNECTIONS. COORDINATE WITH VENDORS AND OWNER. CONTRACTOR TO VERIFY ALL CONNECTION TYPES AND REQUIREMENTS PRIOR TO ROUGH-IN AND INSTALLATION. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER, AND FUSE SIZE WITH EQUIPMENT MANUFACTURER PRIOR TO PLACING ORDER AND PRIOR TO INSTALLATION. AS PER THE NATIONAL ELECTRICAL CODE (NEC) SECTION 210.8(B) - ALL 15 OR 20 AMP RECEPTACLES SHALL HAVE GROUND FAULT CIRCUIT-INTERRUPTER PROTECTION. PROTECTION SHALL EITHER BE AT THE RECEPTACLE ITSELF OR PROVIDED BY THE CIRCUIT BREAKER. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION. REFER TO ARCHITECTURAL PLANS FOR FINAL LOCATIONS OF ALL EQUIPMENT. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING WITH OWNER AND VENDORS FOR ALL POWER, TELEPHONE, DATA REQUIREMENTS AND CONNECTIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH OWNER FOR ALL AUDIO/VISUAL AND TELECOMMUNICATIONS REQUIREMENTS. ALL TELEPHONE/DATA CONNECTIONS SHALL BE COORDINATED WITH OWNER PRIOR TO INSTALLATION.

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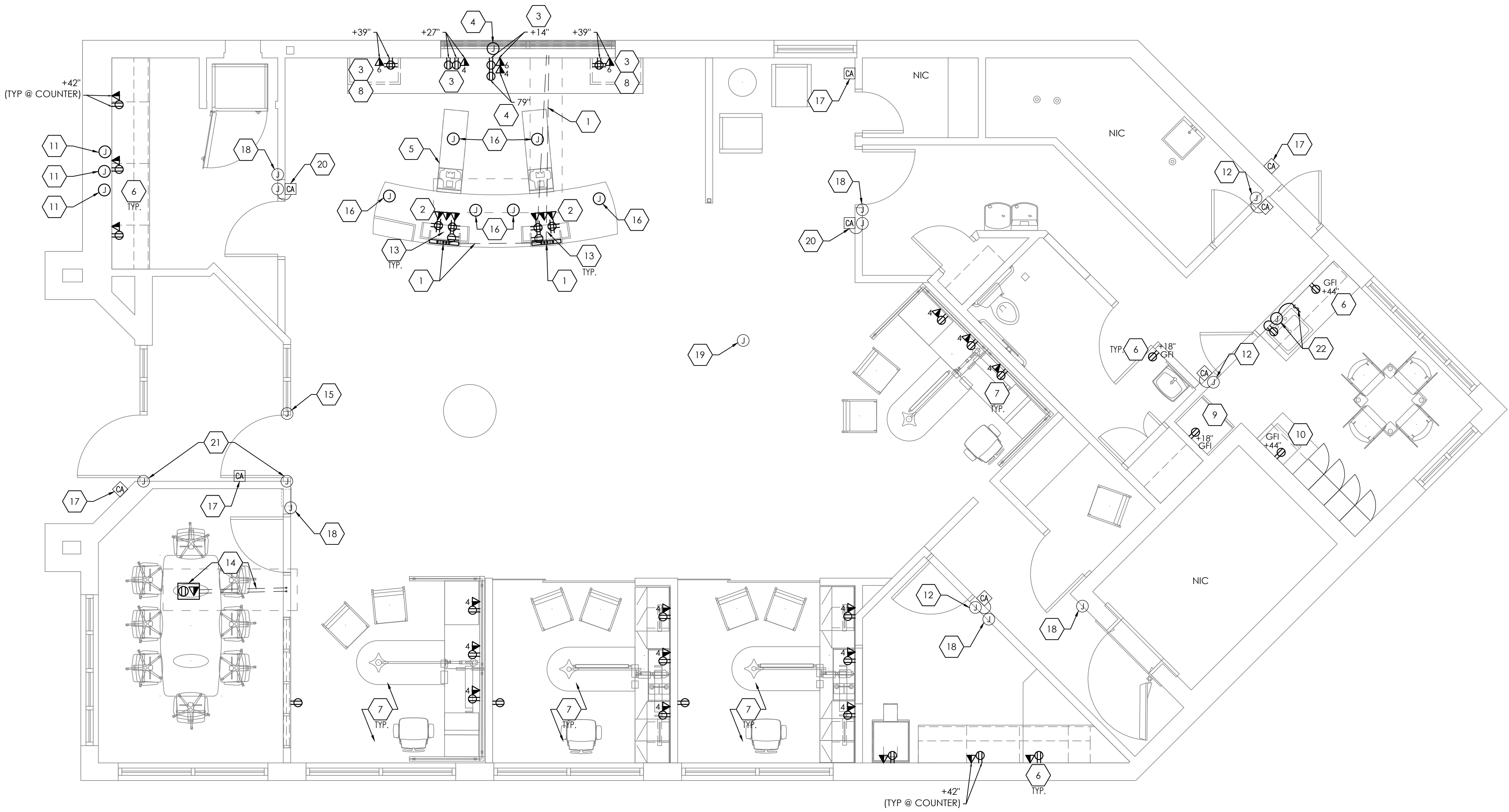
TELLER POD KEY:

1.	REMOVABLE ACCESS PANEL
2.	ADA COUNTER
3.	CASH DRAWER
4.	COIN CABINET
5.	RECYCLER
6.	5 CONDUIT PULLS - (1) DATA, (1) SECURITY, (2) POWER, (1) SPARE
7.	MODEM
8.	QUAD OUTLET FOR TELLER POD - QUAD MOUNTED HALFWAY ON MILLWORK TO ALLOW FOR RECYCLER CLEARANCE
9.	DEDICATED DUPLEX FOR CASH RECYCLER
10.	QUAD OUTLET FOR TELLER POD - QUAD MOUNTED HALFWAY ON MILLWORK TO ALLOW FOR RECYCLER CLEARANCE



TELLER POD DETAILS SCALE NTS 2

- GENERAL NOTES:**
- ALL POWER CONNECTIONS TO FURNITURE (IF APPLICABLE) ARE TO BE BY THE ELECTRICAL CONTRACTOR. FINAL DATA/COMMUNICATION CABLING AND CONNECTIONS ARE TO BE BY OTHERS. COORDINATE EXACT LOCATIONS AND CONNECTION REQUIREMENTS WITH THE FURNITURE SUPPLIER/INSTALLER PRIOR TO ROUGH-IN.
 - IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO RUN CONDUIT AND WIRING TO ALL APPROPRIATE SECURITY EQUIPMENT LOCATIONS PRIOR TO INSTALLATION. SECURITY VENDOR WILL CONNECT DEVICES. REFER TO SECURITY VENDOR DRAWINGS FOR ADDITIONAL INFORMATION.
 - ELECTRICAL CONTRACTOR TO VERIFY THAT THE EXISTING PANELS HAVE THE CAPACITY TO ACCOMMODATE ANY ADDITIONAL/NEW LOADS.
 - ELECTRICAL CONTRACTOR SHALL UPDATE ALL EXISTING PANEL SCHEDULES IN FIELD AND REPRINT REVISED COPY OF SCHEDULES AS REQUIRED.
 - ALL EXISTING FIRE ALARM DEVICES ARE TO REMAIN. MAINTAIN CONNECTION TO EXISTING BUILDING FACP. RELOCATE DEVICES IF REQUIRED.
 - REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION SCOPE OF WORK.
 - REPLACE ANY EXISTING TO REMAIN DEVICES WITH WHITE DEVICE AND WHITE COVER PLATE.
- KEY NOTES:**
- PROVIDE FIVE (5) 1" CONDUITS UNDERGROUND IN SAW-CUT FLOOR FOR ELECTRICAL/DATA COMPONENTS TO EACH NEW TELLER POD LOCATION; (2) CONDUITS FOR POWER, (1) CONDUIT FOR DATA, (1) CONDUIT FOR SECURITY, AND (1) CONDUIT FOR FUTURE EQUIPMENT COMPONENTS. CONDUIT SHALL SUB-UP AND CUT FLUSH WITH FLOOR. COORDINATE ALL INSTALLATION REQUIREMENTS AND FINAL LOCATIONS WITH OWNER AND TELLER POD MANUFACTURER/VENDOR PRIOR TO ROUGH-IN.
 - PROVIDE POWER/DATA TO NEW TELLER POD LOCATION AS REQUIRED. PROVIDE POWER/DATA FROM EXISTING CIRCUIT/DATA PORT FEEDING RENOVATED AREA AS NEEDED. ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT FEED IN FIELD HAS SPARE CAPACITY FOR NEW LOAD. IF NO SPARE CAPACITY IS AVAILABLE, EC SHALL PROVIDE NEW 20A CIRCUIT BREAKER IN NEAREST 120V PANELBOARD SERVING THE SPACE. DEDICATED CIRCUITS ARE REQUIRED FOR CASH RECYCLER AND TELLER POD EQUIPMENT. REFER TO DETAIL 2 FOR REFERENCE AND ADDITIONAL INFORMATION.
 - PROVIDE POWER/DATA TO NEW BRANDING WALL LOCATION EQUIPMENT AS REQUIRED. REUSE POWER/DATA CIRCUITS/DATA PORT FEEDING RENOVATED AREA AS NEEDED. ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT FEEDS IN FIELD AND CONFIRM SPARE CAPACITY FOR NEW LOADS. IF NO SPARE CAPACITY IS AVAILABLE, EC SHALL PROVIDE NEW 20A CIRCUIT BREAKERS DEDICATED TO NEW LOADS IN NEAREST 120V PANELBOARD SERVING THE SPACE. COORDINATE FINAL LOCATIONS WITH ARCHITECTURAL DRAWINGS AND OWNER PRIOR TO INSTALLATION AS REQUIRED.
 - PROVIDE JUNCTION BOX CENTERED ON BRANDING WALL FOR POWER AND DATA CONNECTION TO NEW BRANDING WALL MONITOR. CONNECT NEW MONITOR TO AN EXISTING DEDICATED AREA CIRCUIT AS REQUIRED. EC TO FIELD VERIFY THAT EXISTING AREA CIRCUIT HAS SPARE CAPACITY FOR ADDITIONAL/NEW LOAD. IF NO SPARE CAPACITY IS AVAILABLE, EC SHALL PROVIDE NEW RECEPTACLE AND NEW 20A CIRCUIT BREAKER IN NEAREST 120V PANELBOARD SERVING THE SPACE. FINAL LOCATION OF JUNCTION BOX AND MONITOR POWER/DATA OUTLETS TO BE VERIFIED IN FIELD AND INSTALLED AS PER MARKETING PLAN. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
 - RELOCATE EXISTING CASH RECYCLER TO NEW TELLER POD LOCATION. RECONNECT TO EXISTING CIRCUIT FEEDING EQUIPMENT AS REQUIRED. PROVIDE NEW WIRING IN NEW DEDICATED UNDERGROUND CONDUIT.
 - PROVIDE POWER FROM EXISTING ROOM CIRCUIT CAPABLE OF HANDLING ADDITIONAL LOAD. IF NO SPARE CAPACITY IS AVAILABLE, CONTRACTOR SHALL PROVIDE NEW 20A CIRCUIT BREAKER IN NEAREST 120V PANELBOARD SERVING THE SPACE.
 - PROVIDE POWER/DATA TO OFFICE/DESK AS REQUIRED. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXISTING PANELBOARD CIRCUIT HAS SPARE CAPACITY TO HANDLE ADDITIONAL/NEW LOAD AND PROVIDE NEW 20A/1P CIRCUIT BREAKER IN PANELBOARD SERVING SPACE AS REQUIRED. PROVIDE NEW CONDUIT/WIRING TO POWER/DATA OUTLET LOCATIONS AS REQUIRED.
 - EXISTING TELLER AREA ATM TUBE SYSTEM TO BE REROUTED AND RELOCATED TO NEW BRANDING WALL TWO-WAY SYSTEM MONITOR LOCATION AS REQUIRED. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND COORDINATE FINAL LOCATION OF ATM TUBES WITH OWNER PRIOR TO THE COMMENCEMENT OF WORK.
 - ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING BREAK ROOM REFRIGERATOR POWER RECEPTACLE AND CIRCUIT IN FIELD. IF REQUIRED, PROVIDE NEW POWER FOR REFRIGERATOR FROM EXISTING 120V PANELBOARD AND CIRCUIT CAPABLE OF HANDLING ADDITIONAL LOAD. IF NO SPARE CAPACITY IS AVAILABLE, CONTRACTOR SHALL PROVIDE NEW 20A CIRCUIT BREAKER IN NEAREST 120V PANELBOARD SERVING THE SPACE.
 - PROVIDE POWER TO BREAKROOM MICROWAVE AS REQUIRED. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXISTING PANELBOARD CIRCUIT HAS SPARE CAPACITY TO HANDLE ADDITIONAL/NEW LOAD AND PROVIDE NEW 20A/1P CIRCUIT BREAKER IN NEAREST 120V PANELBOARD SERVING SPACE AS REQUIRED.
 - RELOCATE (2) EXISTING SIGN WIRING JUNCTION BOXES TO ACCESSIBLE AREA IN WALL ABOVE COUNTER, INSIDE WALL CABINET, OR ABOVE CEILING AS REQUIRED. CONTRACTOR TO USE MEANS AND METHODS TO RELOCATE TO MOST EFFECTIVE OPTION. VERIFY FINAL CONNECTIONS IN FIELD AND RECONNECT TO EXISTING CIRCUIT AS REQUIRED. REMOVE ANY BOXES THAT ARE NO LONGER IN USE.
 - PROVIDE JUNCTION BOX FOR NEW CARD ACCESS READER. CONTRACTOR TO PROVIDE CONDUIT W/ PULLSTRING TO 18" ABOVE FINISHED CEILING IN RACEWAY TO CARD ACCESS LOCATION. CARD ACCESS PROVIDED AND INSTALLED BY OWNER.
 - INSTALL DEVICES TO TELLER POD AS INDICATED; (2) QUAD RECEPTACLES TO BE MOUNTED 2" ON INSIDE LAMINATE EDGE OF CASH RECYCLER AND 3" BELOW TOP COUNTER PANEL, (1) DUPLEX RECEPTACLE FOR CASH RECYCLER, (1) DUPLEX RECEPTACLE FOR SECURITY, (1) LEFT AND RIGHT OPENINGS IN TELLER POD MOUNTED TO BACK OF OPENING, (3) DATA JACKS TO BE MOUNTED TO UNDERSIDE OF TOP COUNTER PANEL. SECURITY OUTLETS, SECURITY OUTLETS/COMPONENTS TO BE MOUNTED/INSTALLED BY OTHER TO UNDERSIDE OF TOP COUNTER PANEL AND SIDE PANELS AS REQUIRED. VERIFY FINAL LOCATIONS WITH DEVICES WITH TELLER POD VENDOR AND OWNER AS REQUIRED PRIOR TO INSTALLATION. REFER TO DETAIL 2 FOR REFERENCE AND ADDITIONAL INFORMATION.
 - INSTALL FLOORBOX BENEATH CONFERENCE ROOM TABLE. ROUTE POWER/DATA CONDUITS UNDERGROUND FROM NEAREST WALL TO FLOOR BOX LOCATION AS REQUIRED. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXISTING PANELBOARD CIRCUIT HAS SPARE CAPACITY TO HANDLE ADDITIONAL/NEW LOAD AND PROVIDE NEW 20A/1P CIRCUIT BREAKER IN PANELBOARD SERVING SPACE AS REQUIRED. PROVIDE NEW WIRING TO FLOORBOX LOCATION. COORDINATE WITH OWNER AND ARCHITECTURAL DRAWINGS FOR FINAL LOCATION AND FINISHES AS REQUIRED.
 - CONTRACTOR TO PROVIDE CONDUIT W/ PULLSTRING FROM JUNCTION BOX LOCATED 18" ABOVE FINISHED CEILING IN RACEWAY INTO DOOR FRAME. JUNCTION BOX TO BE PROVIDED BY OWNER. COORDINATE FINAL INSTALLATION LOCATIONS AND REQUIREMENTS WITH OWNER AS REQUIRED.
 - CONTRACTOR TO PROVIDE CONDUIT W/ PULLSTRING FROM CLOSEST SOFT CEILING TO JUNCTION BOX LOCATED 18" ABOVE FINISHED CEILING IN RACEWAY. JUNCTION BOX TO BE PROVIDED BY OWNER. COORDINATE FINAL INSTALLATION LOCATIONS AND REQUIREMENTS WITH OWNER AS REQUIRED.
 - CARD ACCESS READER IS EXISTING TO REMAIN. MAINTAIN CONNECTIONS AS REQUIRED.
 - CONTRACTOR TO PROVIDE CONDUIT W/ PULLSTRING FROM 18" ABOVE FINISHED CEILING IN RACEWAY TO JUNCTION BOX LOCATION. JUNCTION BOX TO BE PROVIDED BY OWNER. COORDINATE FINAL INSTALLATION LOCATIONS AND REQUIREMENTS WITH OWNER AS REQUIRED.
 - CONTRACTOR TO PROVIDE A MINIMUM OF TWO 3" CONDUITS AND ONE 4" CONDUIT W/ PULLSTRINGS FROM 11 ROOMING ABOVE CEILING IN LOBBY SPACE FOR FUTURE SECURITY WIRING TO BE DISTRIBUTED THROUGHOUT SPACE. ROUTE AND TERMINATE A JUNCTION BOX ABOVE ACCESSIBLE CEILING. COORDINATE WITH OWNER AND SECURITY VENDOR FOR FINAL INSTALLATION LOCATIONS AND REQUIREMENTS AS REQUIRED.
 - EXISTING CARD READER TO BE UNINSTALLED FROM LOCATION AND REINSTALLED TO NEW WALL. PROVIDE JUNCTION BOX AS REQUIRED. RECONNECT/PROVIDE NEW CONDUIT AND WIRING FOR CARD READER CONNECTION AS REQUIRED. COORDINATE FINAL LOCATION WITH OWNER.
 - CONTRACTOR TO PROVIDE CONDUIT W/ PULLSTRING TO 18" ABOVE FINISHED CEILING IN RACEWAY INTO DOOR JAM FOR CONNECTION TO DOOR POWER SUPPLY. CONTRACTOR TO PREPARE DOOR JAM TO RECEIVE ELECTRIC STRIKE. JUNCTION BOX FOR CONNECTION TO BE PROVIDED BY OWNER. COORDINATE FINAL INSTALLATION LOCATIONS AND REQUIREMENTS WITH OWNER AS REQUIRED. PROVIDE POWER FOR DOOR SUPPLY FROM NEAREST AVAILABLE 120V CIRCUIT BREAKER CAPABLE OF HANDLING NEW LOADS.
 - PROVIDE POWER TO NEW BREAK ROOM SINK DISPOSAL. CONTRACTOR SHALL PROVIDE A 15A MINIMUM RATED ON/OFF SWITCH AND POWER CORD/RECEPTACLE AS NEEDED. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXISTING PANELBOARD CIRCUIT HAS SPARE CAPACITY TO HANDLE ADDITIONAL/NEW LOAD AND PROVIDE NEW 20A/1P CIRCUIT BREAKER IN PANELBOARD SERVING SPACE AS REQUIRED. ROUTE NEW CONDUIT AND WIRING TO JUNCTION BOX AS SHOWN. COORDINATE FINAL INSTALLATION LOCATION AND REQUIREMENTS WITH OWNER AND VENDOR.



POWER/DATA PLAN SCALE 1/4" = 1' 1

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ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION

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DRAWN BY:	D. MULVANEY
CHECKED BY:	C. SACCO

SHEET TITLE

POWER/DATA PLAN

SHEET NUMBER

E-100

NOT FOR BID

LIGHT FIXTURE SCHEDULE

TAG	MANUFACTURER	CATALOG NUMBER	QUANTITY	MOUNTING	VOLT	VA	LAMP DATA	DESCRIPTION
A	LITHONIA	2RTL2-40EL-EZ1-LP835	34	RECESSED	120	41.4	4000K LED	2X2 RECESSED 4000K LED TROFFER
A-EM	LITHONIA	2RTL2-40EL-EZ1-LP835-EL14L	12	RECESSED	120	41.4	3500K LED	*A* FIXTURE WITH 1400 NOMINAL LUMEN EMERGENCY BATTERY PACK
C	ZUMTOBEL	PANOS-D-N-150-R-L-11W-835-CS-W (TRIM) PANOS-FE-150DL-R-11W-DA1 (DRIVER)	3	RECESSED	120	11	4000K LED	6" ROUND RECESSED LED LENSED DOWNLIGHT - WHITE FLANGE FINISH IN GRID/HARD CEILING
C-EM	ZUMTOBEL	PANOS-D-N-150-R-L-11W-835-CS-W (TRIM) PANOS-FE-150DL-R-11W-DA1-EM (DRIVER)	2	RECESSED	120	11	4000K LED	*C* FIXTURE WITH EMERGENCY BATTERY BACKUP
E	LITHONIA	LRP-W-1-RC-120/277-ELN	4	CEILING	120	3	LED	CEILING MOUNT SINGLE FACE LED EXIT SIGN WITH 90 MIN BATTERY BACKUP AND CLEAR WITH RED LETTERING
P	ET2	E63109-11SN	3	PENDANT	120	10	3000K LED	*CILANDRO LED* PENDANT. MOUNT TO BOTTOM OF FIXTURE 39" ABOVE FINISHED CONTERTOP SURFACE
U	LITHONIA	ZL1N-L24-1500LM-FST-MVOLT-35K-60CR-WHLSXR	2	WALL	120	18	3500K LED	2' LED LENSED UTILITY LIGHT W/ OCCUPANCY SENSOR
W	ZUMTOBEL	PANOS-INF-100WW-18W-LED935-LDO-AL-WH	3	RECESSED	120	16	4000K LED	4" LED WALL-WASHER, 4000K WHITE FINISH

ELECTRICAL GENERAL NOTES:

- REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION SCOPE OF WORK.
- LIGHT FIXTURES LABELED "(EX)" ARE EXISTING TO REMAIN. MAINTAIN ALL EXISTING CONNECTIONS AND CONTROLS.
- REPLACE ANY EXISTING TO REMAIN DEVICES WITH WHITE DEVICE AND WHITE COVER PLATE.
- ALL EXIT LIGHTS SHALL BE CONNECTED TO THE CIRCUIT ON THE LINE SIDE OF THE LOCAL LIGHTING SWITCH.
- ALL EMERGENCY BATTERY FIXTURES (HATCHED FIXTURES) SHALL BE CONTROLLED BY THE LOCAL LIGHTING SWITCH AS INDICATED. EXTEND BATTERY WIRING TO THE LINE SIDE OF THE LOCAL LIGHTING SWITCH AND CONNECT FOR PROPER EMERGENCY BALLAST OPERATION.
- ALL PENDANT FIXTURES IN THE PUBLIC LOBBY AREA ARE TO BE CONNECTED TO A CONSTANT-ON CIRCUIT. EXACT LOCATIONS OF PENDANT FIXTURES ARE TO BE COORDINATED WITH THE ARCHITECTURAL FURNITURE LAYOUT.
- SECURELY FASTEN EACH RECESSED GRID LIGHT FIXTURE TO THE CEILING SYSTEM WITH APPROPRIATE SUPPORT BRACKETS AND CLIPS PER INDUSTRY STANDARDS, CODE AND ALL LOCAL CODES.
- A MAXIMUM OF 3 HOMERUNS MAY BE GROUPED TOGETHER IN ONE CONDUIT AND SHARE A COMMON NEUTRAL PROVIDED THE HOMERUNS ARE DIFFERENT PHASES. IF BRANCH CIRCUITS ARE GROUPED THEY MUST ALL BE CONTROLLED BY THE SAME MULTI-POLE BREAKER PER NEC.210.4.

ELECTRICAL KEY NOTES:

- PROVIDE NEW LIGHTING FIXTURE AND CONNECT TO EXISTING AREA LIGHTING CIRCUIT. ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING LIGHTING CIRCUITS IN FIELD. PROVIDE NEW CONDUIT/WIRING AS REQUIRED FOR NEW CONNECTION FROM EXISTING CIRCUIT BREAKER.
- CONNECT NEW LOBBY/HALLWAY LIGHTING FIXTURES TO NEW AREA LIGHTING CONTROLS AS INDICATED. ELECTRICAL CONTRACTOR SHALL PROGRAM NEW FIXTURES/CONTROLS AS REQUIRED.
- RELOCATE DRIVE THRU LIGHTING AND OPEN/CLOSE LANE CONTROL SWITCHES TO LOBBY FROM IT ROOM. RECONNECT DEVICES TO EQUIPMENT AS REQUIRED. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- PROVIDE NEW CEILING MOUNTED OCCUPANCY SENSOR WITH WALL MOUNTED MANUAL ON/OFF LOW VOLTAGE OVERRIDE SWITCH FOR CONTROL OF NEW ROOM LIGHT FIXTURES. OCCUPANCY SENSORS SHALL BE PROGRAMMED FOR 30 MINUTES OF INACTIVITY PRIOR TO SHUT-OFF.
- PROVIDE NEW WALL MOUNTED OCCUPANCY SENSOR WITH PIR OR I/S AUTOMATION FOR CONTROL OF NEW ROOM LIGHT FIXTURES. OCCUPANCY SENSORS SHALL BE PROGRAMMED FOR 30 MINUTES OF INACTIVITY PRIOR TO SHUT-OFF.
- NIGHT LIGHTS SHALL BE CONNECTED AHEAD OF SWITCHES AND OCCUPANCY SENSORS. NIGHT LIGHTS ARE INDICATED BY "NL".
- EXISTING DRIVE-THRU LIGHT FIXTURES SHALL BE REMOVED AND REINSTALLED IN PLACE DUE TO DRIVE-THRU CANOPY RENOVATION/RESTORATION. RECONNECT TO EXISTING LIGHTING CIRCUIT AND CONTROLS AS REQUIRED.
- PROVIDE SWITCHBANK FOR CONTROL OF PROPOSED LOBBY, TELLER, BRAND WALL AND HALLWAY LIGHTING. COORDINATE FINAL LOCATION OF SWITCHES WITH ARCHITECTURE DRAWINGS AND OWNER PRIOR TO INSTALLATION. LABEL NEXT TO SWITCHES INDICATE THE LIGHTING ZONE BEING CONTROLLED.



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ISSUE	DATE	DESCRIPTION
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PROJECT INFORMATION

PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D. MULVANEY
CHECKED BY:	C. SACCO

SHEET TITLE
LIGHTING PLAN

SHEET NUMBER
E-200

NOT FOR BID

ELECTRICAL GENERAL NOTES:

- 130.5(c) VOLTAGE DROP: THE MAXIMUM COMBINED VOLTAGE DROP ON BOTH INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5 PERCENT.
- ELECTRICAL CONTRACTOR SHALL VERIFY ALL EXISTING TO REMAIN CIRCUITS IN FIELD.
- FOR CIRCUITS BEING REMOVED, ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT AND DEMOLISH CONDUIT/WIRING BACK TO PANEL AND CIRCUIT BREAKER.
- ELECTRICAL CONTRACTOR SHALL VERIFY SPARE CAPACITY OF EXISTING PANELBOARDS AS REQUIRED TO ACCOMMODATE NEW/ADDITIONAL LOADS BEING ADDED TO EXISTING SYSTEM.

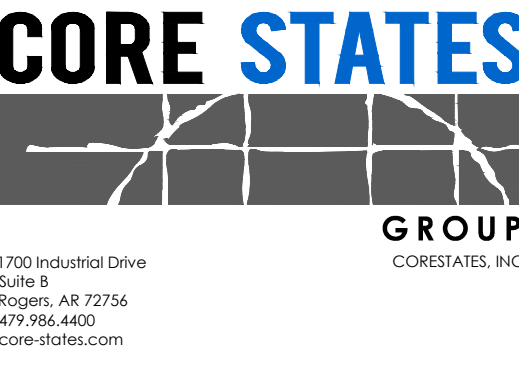
PANELBOARD: PP1 (EXISTING)													
BUS AMPS: 225A			FAULT CURRENT: EXISTING TO REMAIN						EQUIPMENT GROUND BUS				
MAIN SIZE/TYPE: 225A MCB			A/C RATING: EXISTING										
VOLTS/PHASE: 208Y/120V, 3PH, 4W			PANEL SCHEDULE IS SHOWN FOR REFERENCE ONLY										
SERVES: BLDG			LOCATION: ELECTRICAL ROOM										
CKT NO.	DESCRIPTION	V/PHASE			MOUNTING SURFACE			V/PHASE			DESCRIPTION	CKT NO.	
		A	B	C	WRE NO.	BKR AMP	P	BKR AMP	WRE NO.	A			B
1	tel-air				20	1	1	20				recepts, teller	2
3	atm				20	1	1	20				recepts, teller	4
5	plugmold				20	1	1	20				ewc	6
7	plugmold				20	1	1	20				plugmold	8
9	plugmold				20	1	1	20				plugmold	10
11	plugmold				20	1	1	20				receptacles	12
13	receptacles				20	1	1	20				receptacles	14
15	o.s. receptacle				20	1	1	20				receptacles	16
17	lighting				20	1	1	20				microwaves	18
19	lighting				20	1	1	20				refrigerator	20
21	lighting				20	1	1	20				receptacles	22
23	lighting hps				20	1	1	20				tel. receptacles	24
25	lighting				20	1	1	20				u.f. duct	26
27	lighting				20	1	1	20				dymark comp rm.	28
29	conf. rm. exh.				20	1	1	20				vr power	30
31	sign lgt. "b"				20	1	1	20				island atm	32
33	canopy light "a"				20	1	1	20				marketing tv	34
35	security "c"				20	1	1	20				space	36
37	lgt - vestibule				20	1	1	20				tr mach	38
39	lgt - tellers				20	1	1	20				coin mach	40
41	space				1	1						space	42
SUBTOTAL													
TOTAL PHASE A - VA		LOAD	CONN. VA	DF	LOAD		CONN. VA	DF	TOTAL DEMAND				
AMPS		COOLING		1.00	REFRIGERATION			1.00					
TOTAL PHASE B - VA		HEATING		0	SIGN/DISPLAY			1.25					
AMPS		LIGHTING		1.25	KITCHEN			1.00					
TOTAL PHASE C - VA		RECEPTACLES		1.0/5	EXISTING			1.00					
AMPS		MOTORS		1.00	LARGE MOTOR			1.25					
TOTAL PNLBD - VA		SUPP HEAT		1.00	SHOW WINDOW			1.25					
AMPS		MISC EQUIP		1.00	LTG TRACK			1.00					

LOWER CASE LETTERING INDICATES EXISTING CIRCUIT

PANELBOARD: PP2 (EXISTING)													
BUS AMPS: 225A			FAULT CURRENT: EXISTING TO REMAIN						EQUIPMENT GROUND BUS				
MAIN SIZE/TYPE: 225A MCB			A/C RATING: EXISTING										
VOLTS/PHASE: 208Y/120V, 3PH, 4W			PANEL SCHEDULE IS SHOWN FOR REFERENCE ONLY										
SERVES: BLDG			LOCATION: ELECTRICAL ROOM										
CKT NO.	DESCRIPTION	V/PHASE			MOUNTING SURFACE			V/PHASE			DESCRIPTION	CKT NO.	
		A	B	C	WRE NO.	BKR AMP	P	BKR AMP	WRE NO.	A			B
1	electric heater vestibule				20	2	1	20				kiosk power lane 4	2
3							1	20				kiosk power lane 3	4
5	electric heater baseboard				20	2	1	20				kiosk power lane 2	6
7							1	20				alarm	8
9	lights (pole lights)				20	2	1	20				space	10
11							1	20				space	12
13	air conditioning ac-1				40	2	1	20				lighting	14
15							1	20				fire alarm	16
17	air conditioning ac-2				40	2	1	20				lighting	18
19							1	20				lighting	20
21							1	20				lighting	22
23	space				20	3	1	20				space	24
25							1	20				space	26
27							1	20				space	28
29	space				20	3	1	20				4-plax mech	30
31							1	20				sign	32
33							1	20				space	34
35	space				20	3	1	20				space	36
37							1	20				fire air comp	38
39	space						1	1				space	40
41	space						1	1				space	42
SUBTOTAL													
TOTAL PHASE A - VA		LOAD	CONN. VA	DF	LOAD		CONN. VA	DF	TOTAL DEMAND				
AMPS		COOLING		1.00	REFRIGERATION			1.00					
TOTAL PHASE B - VA		HEATING		0	SIGN/DISPLAY			1.25					
AMPS		LIGHTING		1.25	KITCHEN			1.00					
TOTAL PHASE C - VA		RECEPTACLES		1.0/5	EXISTING			1.00					
AMPS		MOTORS		1.00	LARGE MOTOR			1.25					
TOTAL PNLBD - VA		SUPP HEAT		1.00	SHOW WINDOW			1.25					
AMPS		MISC EQUIP		1.00	LTG TRACK			1.00					

LOWER CASE LETTERING INDICATES EXISTING CIRCUIT

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ENGINEER OF RECORD

JOHN FERGUSON, P.E.
MINNESOTA
LICENSE # 46542

ISSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION	
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	D. MULVANEY
CHECKED BY:	C. SACCO

SHEET TITLE

PANEL SCHEDULES

SHEET NUMBER

E-300

NOT FOR BID

PROTECTION CRITERIA LEGEND BASED ON 2013 NFPA 13

OCCUPANCY CLASSIFICATION	DENSITY	HOSE ALLOWANCE (GPM)	MAXIMUM SPRINKLER SPACING (SQ FT)	DESIGN BASIS
BANKING FLOOR/RESTROOMS/OFFICES (LIGHT HAZARD)	0.10/1500 SQ FT	100	225	LIGHT HAZARD, 13: 11.2.3.1.1 , FIGURE 11.2.3.1.1 AND TABLE 11.2.3.1.2
JANITORS CLOSET/STORAGE (ORDINARY HAZARD I)	0.15/1500 SQ FT	250	130	ORDINARY HAZARD, 13: 11.2.3.1.1 , FIGURE 11.2.3.1.1 AND TABLE 11.2.3.1.2

GENERAL PIPING AND DEMOLITION NOTES

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

GENERAL NOTES

1. THE DESIGN SHOWN ON THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED TO PROVIDE GUIDANCE FOR BIDDING ONLY. THE CONTRACTOR SHALL SUBMIT FIRE SPRINKLER SHOP DRAWINGS FOR APPROVAL BY THE AUTHORITY HAVING JURISDICTION (AHJ). CONTRACTOR SHALL BASE SHOP DRAWING DESIGN ON THE FIRE PROTECTION DRAWINGS AND SPECIFICATIONS. SPRINKLER SYSTEM SHOP DRAWINGS SHALL INCLUDE ALL NECESSARY ELEVATIONS, HANGER LOCATIONS, PIPE LENGTHS, DIMENSIONS, FABRICATION METHODS, NOTES, MATERIAL DATA, AND ANY OTHER INFORMATION REQUIRED DESCRIBING THE INTENT OF THE INSTALLATION. CONTRACTOR SHALL PROVIDE PIPE SIZES, SPRINKLER SPACING, AND ALL SYSTEM CONFIGURATIONS AS SHOWN. ANY ALTERNATES TO THE DESIGN OF THE SYSTEM OR IN MATERIALS AND EQUIPMENT USED MUST BE APPROVED IN WRITING VIA THE REQUEST FOR INFORMATION PROCESS BY THE FIRE PROTECTION ENGINEER OF RECORD PRIOR TO ANY BIDDING, FABRICATION, OR INSTALLATION.
2. CONTRACTOR SHALL COORDINATE LOCATIONS OF FIRE PROTECTION COMPONENTS INCLUDING PIPING, ALARMS, DRAINS, TEST POINTS, ETC. WITH ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS. OBSTRUCTIONS TO SPRINKLERS DISCHARGE MUST BE CONSIDERED DURING SHOP DRAWING PRODUCTION AND INSTALLATION. EXTRA SPRINKLERS MAY BE REQUIRED AT NO ADDITIONAL COST TO THE OWNER. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. SUBMIT A REQUEST FOR INFORMATION (RFI) FOR ALL QUESTIONS RELATED TO THE FIRE PROTECTION DOCUMENTS.
4. NEUTRALIZATION/DEMISING WALLS, IF APPLICABLE, ARE SHOWN ON ARCHITECTURAL DRAWINGS. REFER TO MECHANICAL DRAWINGS FOR NEUTRALIZATION WALL PENETRATIONS.
5. SPRINKLER SYSTEMS WILL BE MONITORED BY AN OFF-SITE CENTRAL STATION, INCLUDING TAMPER SWITCHES ON ALL CONTROL VALVES AND FLOW SWITCHES.
6. PENETRATIONS OF RATED WALLS OR ASSEMBLIES SHALL BE FIRE CAULKED WITH APPROVED CAULKING PER METHODS REQUIRED BY THE AHJ AND PROJECT SPECIFICATIONS.
7. THE FIRE PROTECTION ENGINEER OF RECORD WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, NOR SHALL THEY BE REQUIRED TO SUPERVISE THE CONDUCT OF THE WORK. THE CONSTRUCTION PROCEDURES AS SET FORTH BY THE GENERAL CONTRACTOR, SUBCONTRACTORS, THEIR RESPECTIVE EMPLOYEES OR ANY OTHER PERSON AT THE JOBSITE OTHER THAN THE ENGINEERING FIRM'S OWN EMPLOYEES.
8. THE CONTRACTOR MUST REVIEW ALL CONSTRUCTION DOCUMENTS PRIOR TO BID. SHOULD MODIFICATION TO THESE PLANS BECOME NECESSARY TO PROPERLY COORDINATE THE SYSTEM WITH OTHER TRADES, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVAL OF THESE CHANGES BY THE AHJ AND THE FIRE PROTECTION ENGINEER OF RECORD. IN ADDITION TO OBTAINING THE NECESSARY APPROVALS THE CONTRACTOR MUST MAKE NOTE OF ALL FIELD OR COORDINATION CHANGES ON THE INSTALLATION DRAWINGS. ONCE COMPLETE, THE CONTRACTOR SHALL SUPPLY ONE COPY OF THE AS-BUILT DRAWINGS TO THE FIRE PROTECTION ENGINEER OF RECORD FOR THEIR USE..
9. WHEN SYSTEM PRESSURES EXCEED 100 PSI, REFER TO NFPA FOR MAXIMUM ARM OVER LENGTHS AND HANGING INSTRUCTIONS.
10. PROVIDE A MINIMUM OF 5 PSI SAFETY FACTOR FOR HYDRAULIC CALCULATIONS OF SPRINKLER SYSTEMS. USE HIGHER SAFETY FACTOR WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

SPRINKLER CONTRACTOR NOTES

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

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

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

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

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

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ENGINEER OF RECORD

ISSUE	DATE	DESCRIPTION

PROJECT INFORMATION	
PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	C.ORR
CHECKED BY:	D.LEIFFER

SHEET TITLE

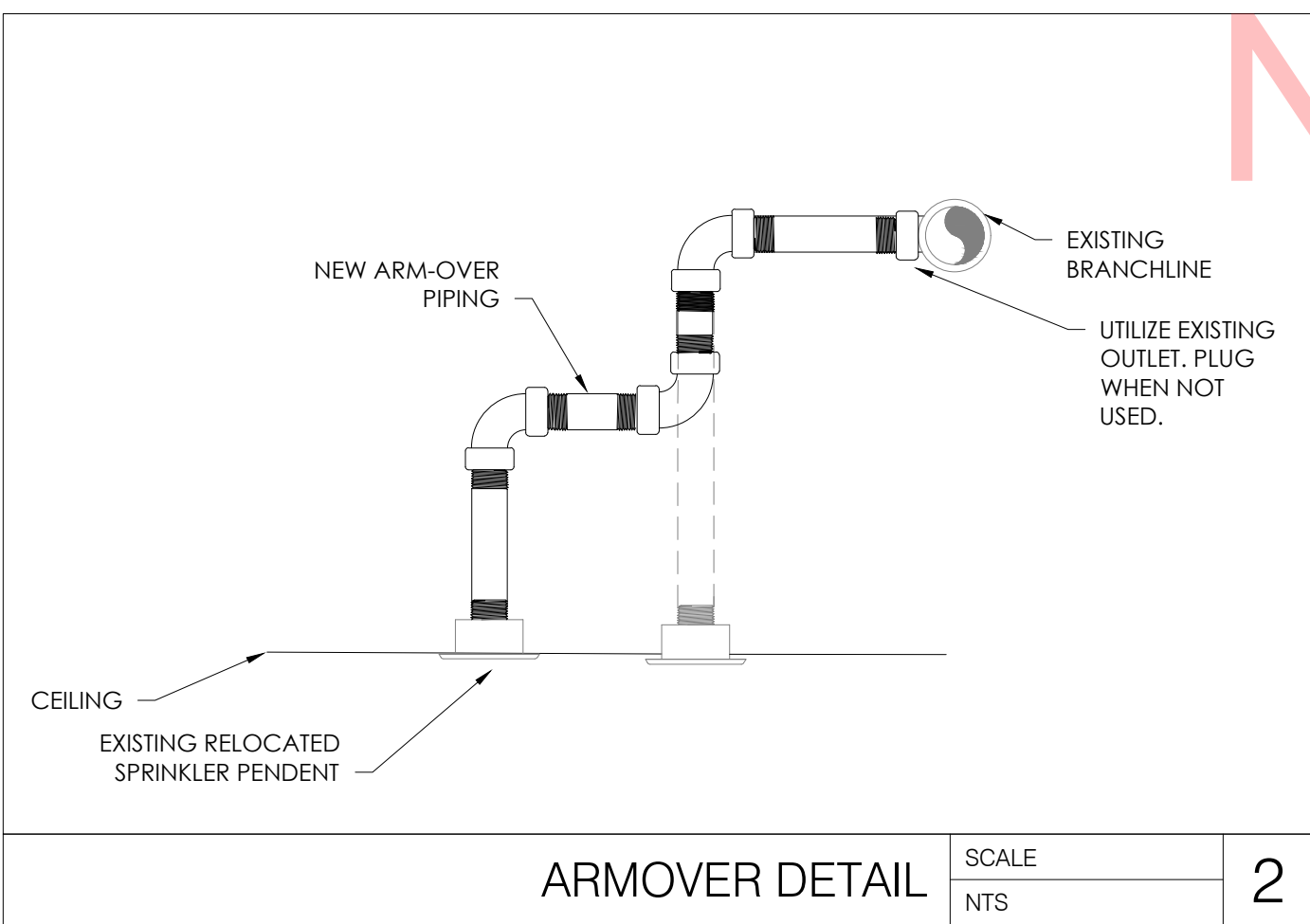
FIRE SPRINKLER
GENERAL NOTES

SHEET NUMBER

FSO.1

FIRE SPRINKLER NOTES:

1. RELOCATE EXISTING PENDENT SPRINKLERS AS SHOWN. REPLACE WITH MATCHING IF EXISTING PENDENT IS DAMAGED. CLEAN DEBRIS/DUST FROM ALL SPRINKLERS. ARMOVERS ARE TO BE SUPPORTED PER NFPA 13: 9.2.3.4. FIELD FABRICATION ADJUSTMENTS OF ARMOVER PIPE LENGTHS WILL BE REQUIRED.
2. INSTALL PENDENT SPRINKLERS CENTER OF TILE AS SHOWN.
3. PROVIDE MECHANICAL TEE AS REQUIRED FOR NEW PENDENT HEADS WHEN AN EXISTING OUTLET IS NOT AVAILABLE. ADDITIONAL SPRINKLERS ARE TO BE SUPPLIED FROM EXISTING MAIN.
4. EXISTING SPRINKLER PENDENTS/UPRIGHTS TO REMAIN IN THIS AREA.
5. INSTALL NEW PENDENT SPRINKLER IN LOWER LEVEL CEILING AREA TO COMPLY WITH NFPA 13 SPACING RULES.
6. IF EXISTING SPRINKLERS IN THIS AREA DO NOT MATCH ADJACENT SPRINKLERS THEN REPLACE WITH NEW.



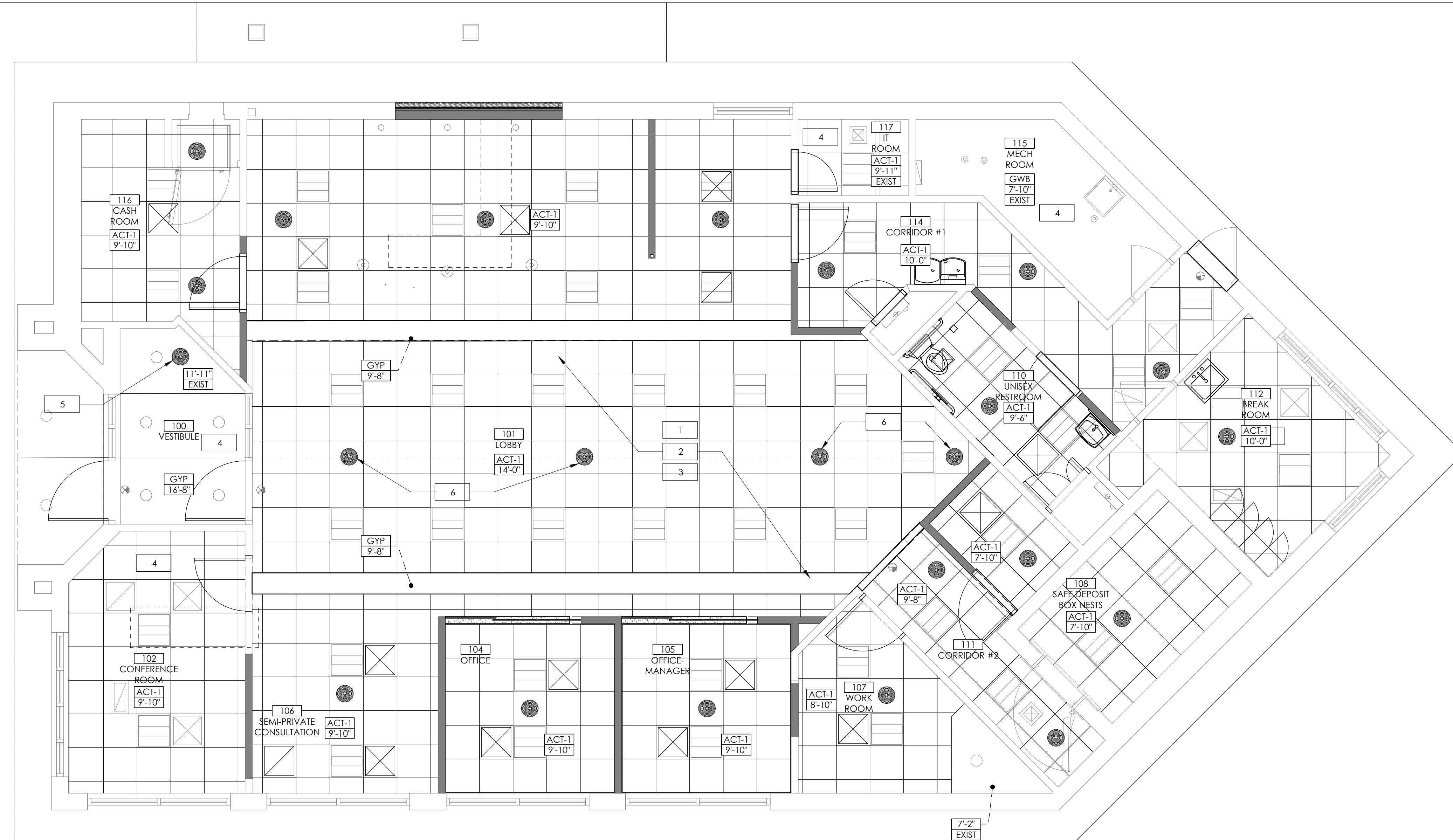
PIPE TABLE (WET)

PRODUCT	NOMINAL PIPE SIZE	INSIDE DIAMETER
SCHEDULE 10	2"	2.157
SCHEDULE 10	2½"	2.635
SCHEDULE 10	3"	3.260
SCHEDULE 10	4"	4.260
SCHEDULE 10	6"	6.357
SCHEDULE 10	8"	8.249
SCHEDULE 40	1"	1.049
SCHEDULE 40	1½"	1.380
SCHEDULE 40	1¾"	1.610
SCHEDULE 40	2"	2.067

NOT FOR BID

NOTE: EXISTING SPRINKLER PIPING MAY REQUIRE RELOCATION AND CHANGE IN ELEVATION IN REMODELED AREAS. SPRINKLER CONTRACTOR TO VERIFY PIPE ELEVATIONS PRIOR TO BID.

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



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ENGINEER OF RECORD

ISSUE	DATE	DESCRIPTION

PROJECT INFORMATION

PROJECT NO:	ONB.32396
DATE:	05.18.2021
SCALE:	AS NOTED
DRAWN BY:	C. ORR
CHECKED BY:	D. LEIFFER

SHEET TITLE
FIRE SPRINKLER OVERALL PLAN

SHEET NUMBER
FS1.0