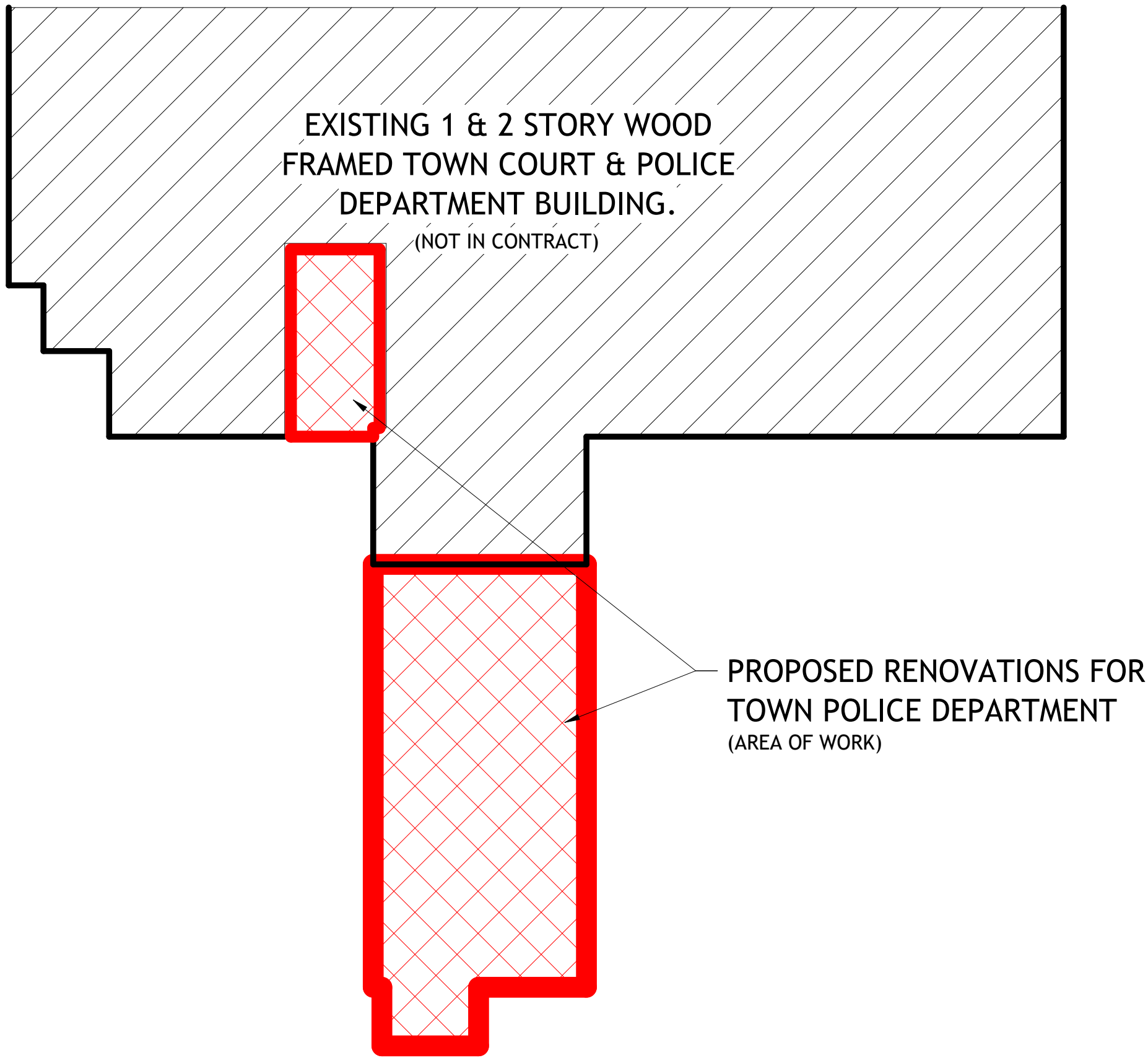


# POLICE DEPARTMENT RENOVATIONS FOR TOWN OF MORIAH

42 PARK PL SUITE 2, PORT HENRY, NY 12974



OVERALL PLAN  
N.T.S.

**CERTIFICATION STATEMENT**

I, ANDREW C. ABDALLAH, CERTIFY THAT THIS PROJECT HAS BEEN DESIGNED BY ME, OR UNDER MY SUPERVISION, THE INTERNATIONAL ENERGY CONSERVATION CODE 202 WITH NEW YORK STATE SUPPLEMENT (OR LATEST VERSION), AND APPLICATION FEDERAL, STATE AND LOCAL LAWS, CODES, AND REGULATIONS, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF. THESE DOCUMENTS ARE IN CONFORMANCE THEREWITH.

*Andrew C. Abdallah*  
SIGNATURE

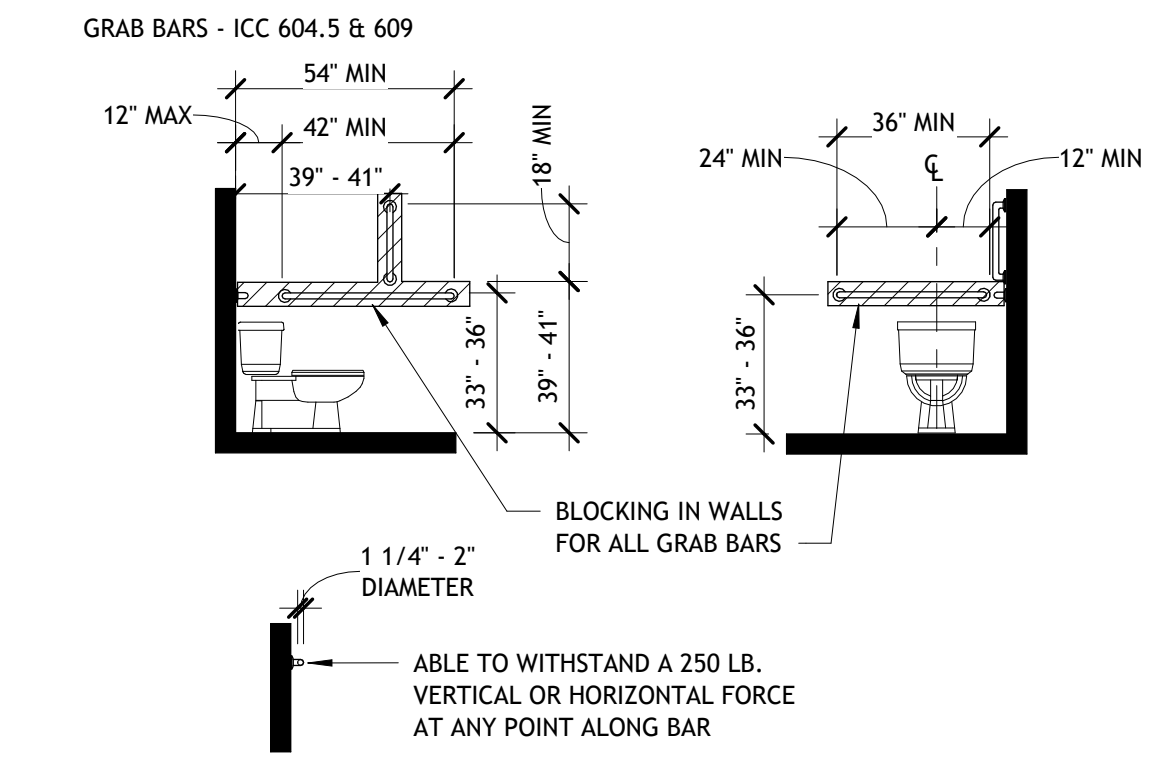
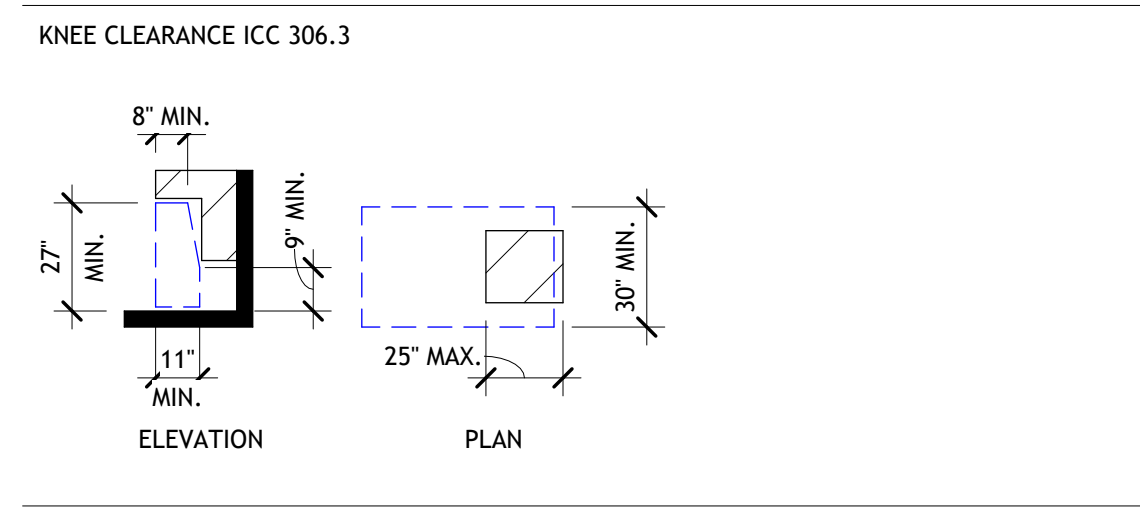
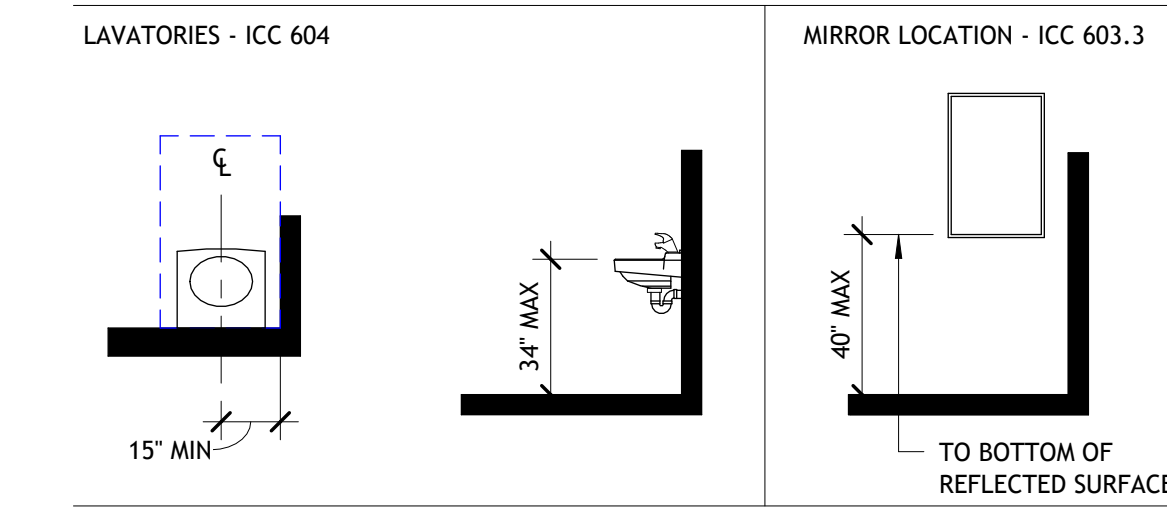
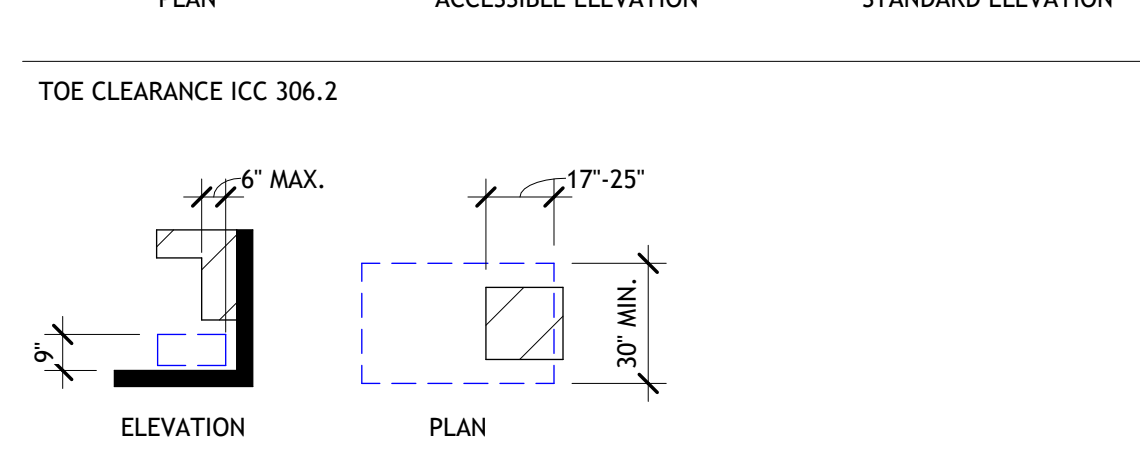
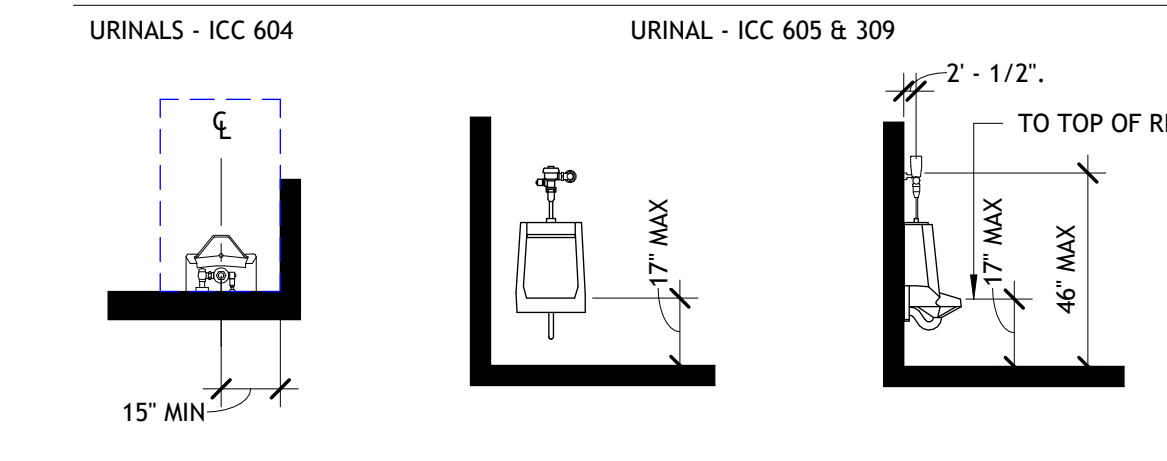
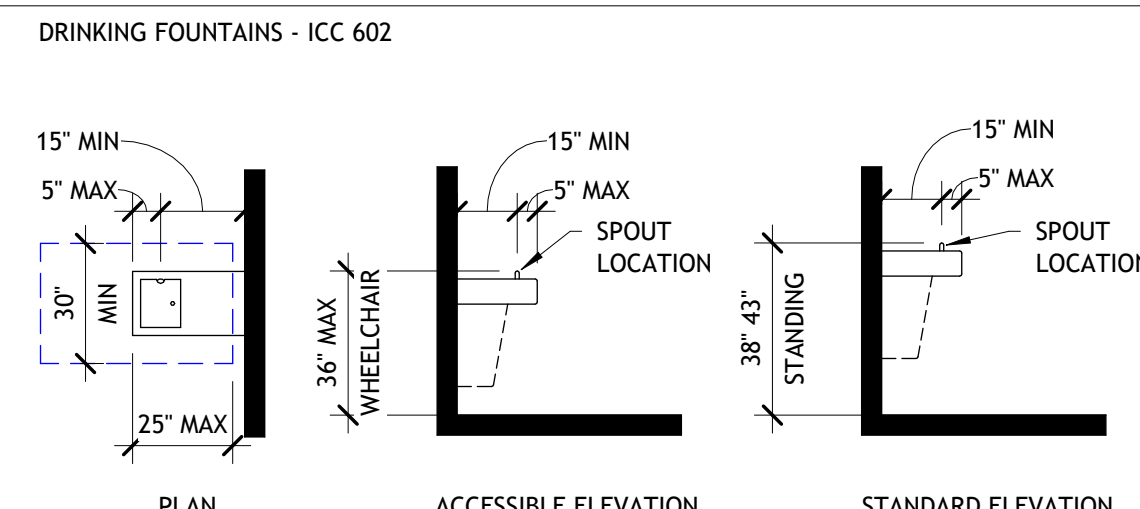
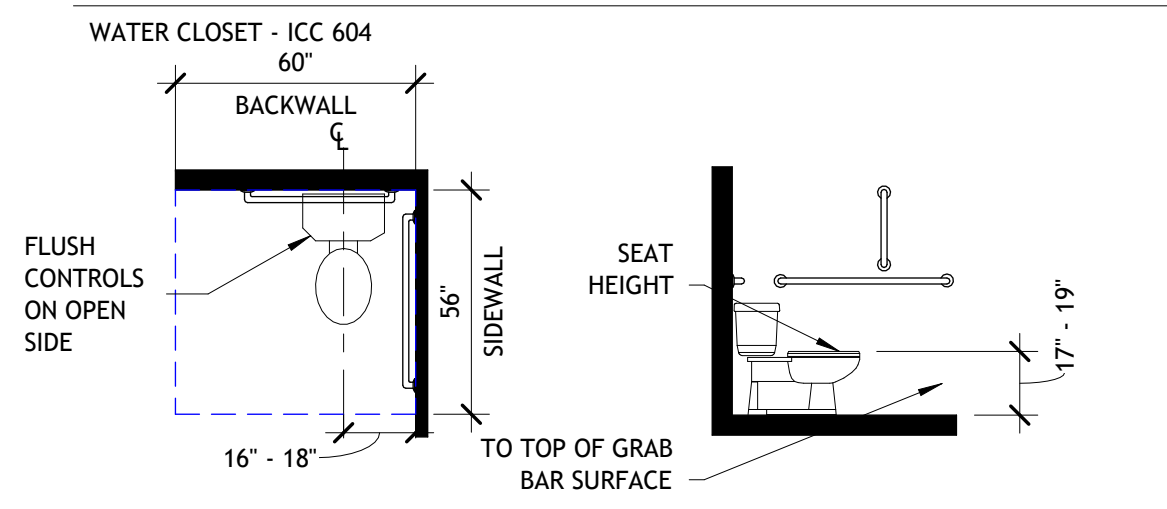
054857  
NYS REG. NO

03-10-25  
DATE

SHEET LIST		LOCATION MAP	AERIAL VIEW	TITLE SHEET																																																					
 <p>ARCHITECTURAL &amp; ENGINEERING DESIGN ASSOCIATES, P.C. 1246 ROUTE 3 - P.O. BOX 762 PLATTSBURGH, NY 12901 T: 518-562-1800 F: 518-562-1702 E: JAA@AEDAPC.COM</p>	<table border="1"> <thead> <tr> <th>SHEET NUMBER</th> <th>SHEET NAME</th> </tr> </thead> <tbody> <tr><td>1. TITLE</td><td></td></tr> <tr><td>T001</td><td>TITLE SHEET</td></tr> <tr><td>2. GENERAL</td><td></td></tr> <tr><td>G001</td><td>GENERAL NOTES</td></tr> <tr><td>3. LIFE SAFETY</td><td></td></tr> <tr><td>LS001</td><td>BUILDING CODE ANALYSIS</td></tr> <tr><td>LS002</td><td>BUILDING CODE ANALYSIS</td></tr> <tr><td>4. CIVIL</td><td></td></tr> <tr><td>C100</td><td>SITE SKETCH PLAN</td></tr> <tr><td>5. DEMOLITION</td><td></td></tr> <tr><td>D101</td><td>PARTIAL DEMOLITION FIRST FLOOR PLAN</td></tr> <tr><td>6. STRUCTURAL</td><td></td></tr> <tr><td>S001</td><td>STRUCTURAL NOTES</td></tr> <tr><td>7. ARCHITECTURAL</td><td></td></tr> <tr><td>A001</td><td>ACCESSIBILITY LEGEND &amp; WOOD FRAMING DETAILS</td></tr> </tbody> </table>	SHEET NUMBER	SHEET NAME	1. TITLE		T001	TITLE SHEET	2. GENERAL		G001	GENERAL NOTES	3. LIFE SAFETY		LS001	BUILDING CODE ANALYSIS	LS002	BUILDING CODE ANALYSIS	4. CIVIL		C100	SITE SKETCH PLAN	5. DEMOLITION		D101	PARTIAL DEMOLITION FIRST FLOOR PLAN	6. STRUCTURAL		S001	STRUCTURAL NOTES	7. ARCHITECTURAL		A001	ACCESSIBILITY LEGEND & WOOD FRAMING DETAILS	<table border="1"> <thead> <tr> <th>SHEET NUMBER</th> <th>SHEET NAME</th> </tr> </thead> <tbody> <tr><td>A100</td><td>WALL AND HORIZONTAL ASSEMBLIES</td></tr> <tr><td>A101</td><td>PARTIAL FIRST FLOOR PLAN</td></tr> <tr><td>A201</td><td>EXTERIOR ELEVATIONS</td></tr> <tr><td>A301</td><td>BUILDING SECTION AND DETAILS</td></tr> <tr><td>A401</td><td>ENLARGED ADA BATHROOM PLAN AND INTERIOR ELEVATIONS</td></tr> <tr><td>A501</td><td>FENESTRATION DETAILS</td></tr> <tr><td>8. MEP</td><td></td></tr> <tr><td>MEP001</td><td>MEP NOTES, LEGENDS, &amp; SYMBOLS</td></tr> <tr><td>MEP101</td><td>PARTIAL FIRST FLOOR MEP PLAN</td></tr> </tbody> </table>	SHEET NUMBER	SHEET NAME	A100	WALL AND HORIZONTAL ASSEMBLIES	A101	PARTIAL FIRST FLOOR PLAN	A201	EXTERIOR ELEVATIONS	A301	BUILDING SECTION AND DETAILS	A401	ENLARGED ADA BATHROOM PLAN AND INTERIOR ELEVATIONS	A501	FENESTRATION DETAILS	8. MEP		MEP001	MEP NOTES, LEGENDS, & SYMBOLS	MEP101	PARTIAL FIRST FLOOR MEP PLAN			<p>CONSTRUCTION DOCUMENT PHASE SERVICES 100%</p>  <p>PROJECT NO. 24126 DATE 03-31-25 DRAWN BY TSV CHECKED BY SEC</p> <p><b>T001</b></p>
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**ACCESSIBILITY LOCATION**

THESE CODE REQUIRED CLEARANCES MUST BE MET.



**PROJECT ABBREVIATIONS**

**NOTE:** EVERY EFFORT WILL BE MADE TO USE FULL WORDS INSTEAD OF ABBREVIATIONS  
**EXCEPTIONS:** WHERE SPACE REQUIREMENTS PROHIBIT IT OR WHERE STANDARD INDUSTRY ABBREVIATIONS ARE GENERALLY ACCEPTABLE SUBSTITUTES

&	AND	HW	HOT WATER
@	AT	HVAC	HEATING VENTILATION & AIR CONDITIONING
#	DIAMETER	ICF	INSULATED CONCRETE FORM
LB/LBS	POUND(S)	MAX	MAXIMUM
1ST	FIRST	MC	MECHANICAL CONTRACTOR
2ND	SECOND	MECH	MECHANICAL
3RD	THIRD	MIN	MINIMUM
4TH	FOURTH	MISC	MISCELLANEOUS
5TH	FIFTH	MLT	METAL
ACT	ACUSTIC CEILING TILE	MRGWB	MOISTURE RESISTANT GYPSUM WALL BOARD
AFB	ABOVE FINISH FLOOR	NIC	NOT IN CONTRACT
BM	BENCH MARK	NTS	NOT TO SCALE
BO	BOTTOM OF	OC	ON CENTER
CJ	CONTROL JOINT	OSB	ORIENTED STRAND BOARD
CL	CENTERLINE	PC	PLUMBING CONTRACTOR
CMU	CONCRETE MASONRY UNIT	PLUMB	PLUMBING
CPT	CARPET	PT	PRESSURE TREATED
CT	CERAMIC TILE	PSF	POUNDS PER SQUARE FOOT
DEMO	DEMOLISH OR DEMOLITION	PSI	POUNDS PER SQUARE INCH
DN	DOWN	PVC	POLYVINYL CHLORIDE
DWG	DRAWING	RCP	REFLECTED CEILING PLAN
EA	EACH	RM	ROOM
EC	ELECTRICAL CONTRACTOR	RO	ROUGH OPENING
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	SIM	SIMILAR
ELEC	ELECTRICAL	SS	STAINLESS STEEL
ELEV	ELEVATION	STRUCT	STRUCTURAL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	T&G	TONGUE AND GROOVE
EW	EACH WAY	TO	TOP OF
FD	FLOOR DRAIN	TYP	TYPICAL
FF	FINISH FLOOR	UNO	UNLESS NOTED OTHERWISE
FRGWB	FIRE RATED GYPSUM WALL BOARD	VIF	VERIFY IN FIELD
GA	GAGE/GAUGE	W/	WITH
GC	GENERAL CONTRACTOR	W/O	WITHOUT
GWB	GYPSUM WALL BOARD	WD	WOOD
HM	HOLLOW METAL	WWF	WELDED WIRE FABRIC
		WWM	WELDED WIRE MESH

**GENERAL NOTES**

- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND REPORT DISCREPANCIES TO OWNER AND ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL WORK DETAILED AND/OR SPECIFICALLY DENOTED ON THIS DRAWING SHALL BE BY GENERAL CONTRACTOR UNLESS OTHERWISE INDICATED. REFERENCE ALL DRAWINGS FOR ADDITIONAL SCOPE OF WORK REQUIREMENTS.
- CONTRACTORS SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO ANY CONSTRUCTION OR ORDER OF ANY CUSTOM MATERIALS. INCONSISTENCIES IN PLANS MUST BE REPORTED TO THE OWNER AND ARCHITECT/ENGINEER.
- WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THIS PLAN TO AVOID MISTAKES, THE MAKER CANNOT GUARANTEE AGAINST HUMAN ERROR. THE CONTRACTOR ON THE JOB MUST CHECK ALL DIMENSIONS & DETAILS AND BE RESPONSIBLE FOR SAME.
- EXTERIOR DIMENSIONS ARE TO FACE OF STUDS. INTERIOR DIMENSIONS ARE TAKEN FROM FACE OF STUDS.
- CONFORM TO ALL DIMENSIONS INDICATED IN PREFERENCE TO SCALED DIMENSIONS FROM THE DRAWINGS.
- ALL WOOD IN DIRECT CONTACT WITH CONCRETE OR EXPOSED TO WEATHER TO BE PRESSURE TREATED.
- INTERIOR FLOOR AND WALL FINISHES SHALL BE SELECTED BY OWNER.
- PROVIDE MOISTURE RESISTANT GYPSUM BOARD IN TOILET ROOM.
- SEAL ALL PENETRATIONS THRU EXTERIOR, INTERIOR, FOUNDATION, FLOOR & FIRE RATED WALL/FLOOR & CEILING ASSEMBLIES W/ APPROVED MATERIALS. CONFORM TO U.L. STANDARDS FOR FIRE RATED ASSEMBLIES.
- CONTRACTOR TO COORDINATE WITH OWNER THE PLACEMENT OF ANY STORAGE TRAILERS, DUMPSTERS, CONTRACTOR PARKING, ETC. TO ENSURE NO INTERRUPTION TO OWNERS DAILY OPERATIONS.

**GENERAL DEMOLITION NOTES**

- ALL EXISTING COMPONENTS TO REMAIN, THAT ARE DAMAGED DUE TO DEMOLITION OPERATIONS, SHALL BE RESTORED TO ORIGINAL CONDITION AT NO COST TO OWNER.
- CONTRACTOR TO PLACE MARKERS TO INDICATE LOCATION OF DISCONNECTED SERVICES AND IDENTIFY SERVICE LINES AND CAPPING LOCATIONS ON PROJECT RECORD DOCUMENTS.
- EXCEPT WHERE NOTED OTHERWISE, LEGALLY REMOVE ALL DEMOLISHED MATERIALS OFF SITE IMMEDIATELY.
- DEMOLISH IN AN ORDERLY AND CAREFUL MANNER AS REQUIRED TO ACCOMMODATE NEW WORK
- PERFORM DEMOLITION IN ACCORDANCE WITH APPLICABLE AUTHORITIES HAVING JURISDICTION.
- DEMOLISH WITHOUT EXCESSIVE NOISE OR FUMES, SO AS NOT TO DISRUPT BUSINESS OF ADJACENT ACTIVITIES.
- CONTRACTOR SHALL COORDINATE DEMOLITION WORK, SO TO LIMIT DISRUPTION & DAMAGE, OF EXISTING COMPONENTS TO REMAIN, TO THE MAXIMUM EXTENT POSSIBLE. CONTRACTOR TO PROVIDE A PLAN & SCHEDULE FOR DEMOLITION TO THE OWNER/ENGINEER FOR APPROVAL PRIOR TO STARTING THE WORK.
- CONTRACTOR TO ISOLATE, TEMPORARILY SUPPORT & TERMINATE EXISTING SYSTEMS AFFECTED BY DEMOLITION WORK.
- PRIOR TO START OF WORK, CONTRACTOR TO COORDINATE W/ OWNER/ENGINEER REGARDING POSSIBLE SALVAGE OF ALL ITEMS BEING REMOVED, AND REMOVAL & RELOCATION OF ALL EXISTING EQUIPMENT DEFINED WITHIN WORK SCOPE.
- PROTECT ALL INTERIOR FINISHES DURING DEMOLITION. PATCH, REPAIR, AND REPLACE ANY DAMAGED FINISHES DURING CONSTRUCTION TO MATCH EXISTING. FINISH ENTIRE EXPOSED WALL SURFACES, AFFECTED BY DEMOLITION AND/OR DAMAGE, TO MATCH EXISTING.

**N.Y.S. ENERGY CONSERVATION CONSTRUCTION CODE**

THE PROPOSED ENVELOPE DESIGN REPRESENTED IN THIS DOCUMENT IS CONSISTENT WITH THE BUILDING PLANS, SPECIFICATIONS AND OTHER CALCULATIONS SUBMITTED WITH THIS PERMIT APPLICATION. THE PROPOSED ENVELOPE SYSTEM HAS BEEN DESIGNED TO MEET THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE REQUIREMENTS IN COMPLY WITH THE MANDATORY REQUIREMENTS IN THE REQUIREMENTS CHECKLIST. WHEN A REGISTERED DESIGN PROFESSIONAL HAS STAMPED AND SIGNED THIS PAGE, THEY ARE ATTESTING THAT TO THE BEST OF HIS/HER KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGMENT, SUCH PLANS OR SPECIFICATIONS ARE IN COMPLIANCE WITH THIS CODE.

ANDREW C. ABDALLAH, P.E.      *Andrew Abdallah*      03-10-25  
 PRINCIPAL ENVELOPE DESIGNER-NAME      SIGNATURE      DATE

**DRAWING SYMBOLS**

---	BEYOND
---	CALLOUT BOUNDARY
---	CENTERLINE
---	CONTINUOUS LINE
---	CONTROL JOINT
---	DEMOLISHED
---	FLASHING
---	GRID LINE
---	GRADE
---	HIDDEN
---	MATCHLINE
---	OVERHEAD
---	UNDERLAYMENT
---	VAPOR BARRIER
---	WEATHER BARRIER

**MATERIAL SYMBOLS**

	UNDISTURBED EARTH
	TOPSOIL
	PAVING
	GRAVEL
	SAND
	FIBERGLASS INSULATION
	RIGID INSULATION
	SPRAY FOAM INSULATION
	PLYWOOD
	GYPSUM BOARD
	PARTICLE BOARD
	FINISH WOOD
	WOOD SHIM
	WOOD BLOCKING OR FRAMING
	CONCRETE
	CONCRETE MASONRY UNIT
	BRICK
	STONE
	STEEL

**DRAWING SYMBOLS**

**SHEET/DRAWING NUMBERS**

DISCIPLINE/SERIES  
 A = ARCHITECTURAL  
 C = CIVIL  
 D = DEMOLITION  
 E = ELECTRICAL  
 ID = INTERIOR DESIGN  
 L = LANDSCAPE  
 LS = LIFE SAFETY  
 M = MECHANICAL  
 P = PLUMBING  
 Q = EQUIPMENT  
 S = STRUCTURAL

**A101**  
 SHEET NUMBER  
 SHEET TYPE SUB SERIES  
 DISCIPLINE / SERIES

**GRIDS**  
 1  
 A

**NORTH ARROW**  
 NORTH

**SLOPE TRIANGLE**  
 RUN  
 RISE

**PLAN, ELEVATION, SECTION OR DETAIL TITLE**  
 DETAIL NUMBER  
 VIEW TITLE  
 DETAIL / SHEET SCALE  
 VIEW LOCATION  
 VIEW ORIGIN

**GRAPHIC SCALE**  
 0 1 2 3  
 SCALE: 1/8" = 1'-0"

**ELEVATION REFERENCE**  
 SIM ELEVATION NUMBER  
 A101 SHEET NUMBER

**ELEVATION REFERENCE, MULTIPLE**  
 INTERIOR ELEVATION NUMBER  
 A101 SHEET NUMBER

**PHOTO ELEVATION REFERENCE**  
 SIM ELEVATION NUMBER  
 A101 SHEET NUMBER

**PHOTO ELEVATION REFERENCE, MULTIPLE**  
 INTERIOR ELEVATION NUMBER  
 A101 SHEET NUMBER

**SECTION REFERENCE**  
 SECTION NUMBER  
 SIM  
 A101 SHEET NUMBER

**WALL SECTION REFERENCE**  
 SECTION NUMBER  
 SIM  
 A101 SHEET NUMBER

**ENLARGED PLAN OR DETAIL REFERENCE**  
 DETAIL NUMBER  
 A101 SHEET NUMBER

**DETAIL REFERENCE**  
 DETAIL NUMBER  
 A101 SHEET NUMBER

**ROOM NAME & ROOM NUMBER**  
 ROOM NAME  
 101

**DOOR OR OPENING TAG**  
 101

**WINDOW, LOUVER OR CURTAINWALL TYPE**  
 W1

**PARTITION TYPE**  
 X

**HORIZONTAL ASSEMBLIES TYPE**  
 X

**KEYNOTES**  
 A001

SEE PARTITION SHEET FOR TAG INFO.

**REVISION IDENTIFICATION**  
 ACT-1  
 8'-0" AFF

**CEILING TAG**  
 CEILING TYPE  
 HEIGHT ABOVE FLOOR LEVEL

**ALIGN FACE OF OBJECTS/SURFACES**  
 ALIGN

**CABINET LEGEND**  
 W### = WALL  
 B## = BASE  
 DB## = DRAWER BASE  
 SB## = SINK BASE  
 LS## = LAZY SUSAN  
 CB## = CORNER BASE  
 BB## = BLIND BASE  
 CW## = CORNER WALL  
 (##) = WIDTH  
 (###) = WIDTH & HEIGHT  
 R OR L FOR SIZES 24" AND LOWER  
 EX: W2415L  
 EX: W3015

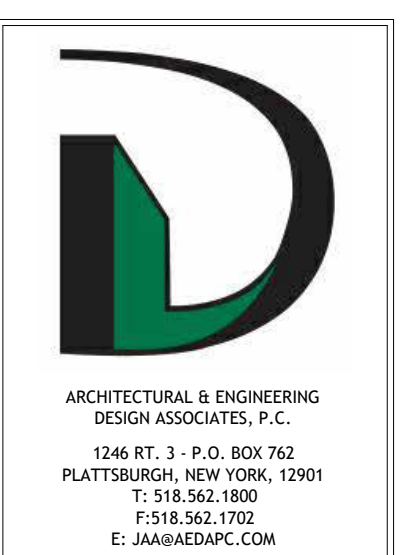
**MATCHLINE REFERENCE**  
 MATCHLINE SEE A/101

**SPOT ELEVATION**  
 8'-0"

**FLOOR ELEVATION**  
 LEVEL NAME  
 ELEVATION

**WALLS**  
 --- EXISTING WALL  
 --- DEMOLISHED WALL  
 --- NEW WALL

**DOORS**  
 --- EXISTING DOOR TO REMAIN  
 --- DEMOLISHED DOOR  
 --- NEW DOOR



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**POLICE DEPARTMENT RENOVATIONS FOR TOWN OF MORIAH**



**REVISIONS**

#	BY	DATE

**GENERAL NOTES**

PROJECT NO. 24126  
 DATE 03-31-25  
 DRAWN BY TSV  
 CHECKED BY SEC

**G001**

**BUILDING CODE OVERVIEW**

PROJECT DESCRIPTION:  
THE PROJECT INCLUDES COMPLETE RENOVATIONS OF THE EXISTING 425 SF 1 STORY WOOD FRAMED BUILDING WING FOR EXTENSION OF THE POLICE DEPARTMENT.

ALL WORK SHALL CONFORM TO ALL APPLICABLE GOVERNING CODES INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

- 2020 BUILDING CODE OF NEW YORK STATE
- 2020 EXISTING BUILDING CODE OF NEW YORK STATE (CHANGE OF OCCUPANCY & ALTERATIONS LEVEL 1 & 2)
- 2020 PLUMBING, MECHANICAL, AND FUEL GAS CODES OF NEW YORK STATE
- 2020 FIRE AND PROPERTY MAINTENANCE CODES OF NEW YORK STATE
- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- 2009 ICC A117.1 STANDARD FOR ACCESSIBLE AND USABLE BUILDING AND FACILITIES
- 2017 NATIONAL ELECTRICAL CODE, NFPA 70

BUILDING DATA:  
OCCUPANCY CLASSIFICATION: (BC 303)  
• EXISTING GROUP B - CIVIC ADMINISTRATION  
• EXISTING GROUP S-1 - MODERATE-HAZARD STORAGE (CHANGE OF OCCUPANCY TO GROUP B)

CONSTRUCTION CLASSIFICATION: (BC 602)  
• EXISTING TYPE VB - COMBUSTIBLE

BUILDING HEIGHT: (BC TABLE 504.3 & 504.4) SPRINKLERED (S)  
• ALLOWED 40'-0" HEIGHT, EXISTING HEIGHTS VARY FROM 13'-4" TO 24'-10" +/- | ALLOWED 3 STORIES, EXISTING 1 & 2 STORIES

BUILDING AREA: (BC TABLE 506.2) NON-SPRINKLERED (NS)  
• ALLOWED 9,000 SF WITHOUT ALLOWABLE AREA INCREASE, EXISTING 1ST FLOOR 2,165 SF + 425 SF & 2ND FLOOR 469 SF

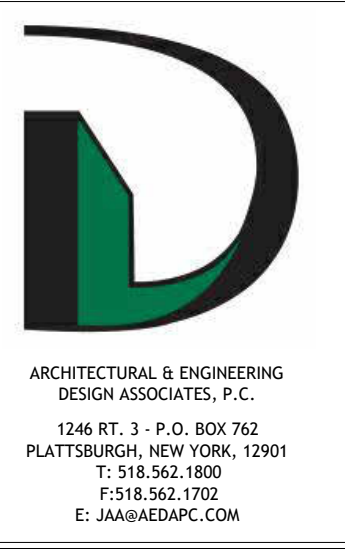
FIRE PROTECTION: (BC 903, 906, 907, 915)  
• AUTOMATIC SPRINKLER SYSTEM - NR  
• PORTABLE FIRE EXTINGUISHERS - REQUIRED  
• MANUAL FIRE ALARM SYSTEM - NR  
• SINGLE-STATION SMOKE ALARMS - NR  
• CARBON MONOXIDE DETECTION - REQUIRED

**2020 EXISTING BUILDING CODE OF NEW YORK STATE ANALYSIS**

SECTION	REQUIRED	PROVIDED
CHAPTER 2: DEFINITIONS		
	[A] ALTERATION. ANY CONSTRUCTION OR RENOVATION TO AN EXISTING STRUCTURE OTHER THAN A REPAIR OR ADDITION.	ALTERATIONS - LEVEL 2
	[A] CHANGE OF OCCUPANCY. A CHANGE IN THE USE OF A BUILDING OR A PORTION OF A BUILDING THAT RESULTS IN ANY OF THE FOLLOWING: 1. A CHANGE OF OCCUPANCY CLASSIFICATION. 2. A CHANGE FROM ONE GROUP TO ANOTHER GROUP WITHIN AN OCCUPANCY CLASSIFICATION. 3. ANY CHANGE IN USE WITHIN A GROUP FOR WHICH THERE IS A CHANGE IN APPLICATION OF THE REQUIREMENTS OF THIS CODE.	
	WORK AREA. THAT PORTION OR PORTIONS OF A BUILDING CONSISTING OF ALL RECONFIGURED SPACES AS INDICATED ON THE CONSTRUCTION DOCUMENTS. WORK AREA EXCLUDES OTHER PORTIONS OF THE BUILDING WHERE INCIDENTAL WORK ENTAILED BY THE INTENDED WORK MUST BE PERFORMED AND PORTIONS OF THE BUILDING WHERE WORK NOT INITIALLY INTENDED BY THE OWNER IS SPECIFICALLY REQUIRED BY THIS CODE.	
CHAPTER 3: PROVISIONS FOR ALL COMPLIANCE METHODS		
SECTION 301-ADMINISTRATIVE	301.3 ALTERATIONS, ADDITION OR CHANGE OF OCCUPANCY. THE ALTERATION, ADDITION OR CHANGE OF OCCUPANCY OF ALL EXISTING BUILDINGS SHALL COMPLY WITH ONE OF THE METHODS LISTED IN SECTION 301.3.1, 301.3.2 OR 301.3.3 AS SELECTED BY THE APPLICANT. SECTIONS 301.3.1 THROUGH 301.3.3 SHALL NOT BE APPLIED IN COMBINATION WITH EACH OTHER.	
	301.3.2 WORK AREA COMPLIANCE METHOD. ALTERATIONS, ADDITIONS AND CHANGES OF OCCUPANCY COMPLYING WITH THE APPLICABLE REQUIREMENTS OF CHAPTERS 6 THROUGH 12 OF THIS CODE SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE.	SEE CHAPTER 6, 7, 8 & 10
	301.5 COMPLIANCE WITH ACCESSIBILITY. ACCESSIBILITY REQUIREMENTS FOR EXISTING BUILDINGS SHALL COMPLY WITH THE 2009 EDITION OF ICC A117.1	PROVIDED
	302.4 EXISTING MATERIALS. MATERIALS ALREADY IN USE IN A BUILDING IN COMPLIANCE WITH REQUIREMENTS OR APPROVALS IN EFFECT AT THE TIME OF THEIR ERECTION OR INSTALLATION SHALL BE PERMITTED TO REMAIN IN USE UNLESS DETERMINED BY THE BUILDING OFFICIAL TO BE UNSAFE.	CODE OFFICIAL TO PROVIDE THOSE ITEMS DEEMED UNSAFE TO OWNER, IF ANY
	302.5 NEW AND REPLACEMENT MATERIALS. EXCEPT AS OTHERWISE REQUIRED OR PERMITTED BY THIS CODE, MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED. LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED THAT UNSAFE CONDITIONS ARE NOT CREATED. HAZARDOUS MATERIALS SHALL NOT BE USED WHERE THE CODE FOR NEW CONSTRUCTION WOULD NOT PERMIT THEIR USE IN BUILDINGS OF SIMILAR OCCUPANCY, PURPOSE AND LOCATION.	
	302.6 OCCUPANCY AND USE. WHERE DETERMINING THE APPROPRIATE APPLICATION OF THE REFERENCED SECTIONS OF THIS CODE, THE OCCUPANCY AND USE OF A BUILDING SHALL BE DETERMINED IN ACCORDANCE WITH CHAPTER 3 OF THE BUILDING CODE OF NEW YORK STATE.	SEE CHAPTER 3 BCNYS
SECTION 303 STRUCTURAL DESIGN LOADS AND EVALUATION AND DESIGN PROCEDURES	[BS] 303.1 LIVE LOADS. WHERE AN ADDITION OR ALTERATION DOES NOT RESULT IN INCREASED DESIGN LIVE LOAD, EXISTING GRAVITY LOAD CARRYING STRUCTURAL ELEMENTS SHALL BE PERMITTED TO BE EVALUATED AND DESIGNED FOR LIVE LOADS APPROVED PRIOR TO THE ADDITION OR ALTERATION. IF THE APPROVED LIVE LOAD IS LESS THAN THAT REQUIRED BY SECTION 1607 OF THE BUILDING CODE OF NEW YORK STATE, THE AREA DESIGNATED FOR THE NONCONFORMING LIVE LOAD SHALL BE POSTED WITH PLACARDS OF APPROVED DESIGN INDICATING THE APPROVED LIVE LOAD. WHERE THE ADDITION OR ALTERATION RESULTS IN INCREASED DESIGN LIVE LOAD, THE LIVE LOAD REQUIRED BY SECTION 1607 OF THE BUILDING CODE OF NEW YORK STATE SHALL BE USED.	PROVIDED, NEW FLOOR LIVE LOAD TO BE MIN. 50 PSF FOR OFFICES
SECTION 305-ACCESSIBILITY FOR EXISTING BUILDINGS	305.1 SCOPE. THE PROVISIONS OF SECTIONS 305.1 THROUGH 305.9 APPLY TO MAINTENANCE, CHANGE OF OCCUPANCY, ADDITIONS AND ALTERATIONS TO EXISTING BUILDINGS, INCLUDING THOSE IDENTIFIED AS HISTORIC BUILDINGS. 305.2 MAINTENANCE OF FACILITIES. A FACILITY THAT IS CONSTRUCTED OR ALTERED TO BE ACCESSIBLE SHALL BE MAINTAINED ACCESSIBLE DURING OCCUPANCY. 305.3 EXTENT OF APPLICATION. AN ALTERATION OF AN EXISTING FACILITY SHALL NOT IMPOSE A REQUIREMENT FOR GREATER ACCESSIBILITY THAN THAT WHICH WOULD BE REQUIRED FOR NEW CONSTRUCTION. ALTERATIONS SHALL NOT REDUCE OR HAVE THE EFFECT OF REDUCING ACCESSIBILITY OF A FACILITY OR PORTION OF A FACILITY. 305.4 CHANGE OF OCCUPANCY. EXISTING BUILDINGS THAT UNDERGO A CHANGE OF GROUP OR OCCUPANCY SHALL COMPLY WITH THIS SECTION. 305.4.1 PARTIAL CHANGE OF OCCUPANCY. WHERE A PORTION OF THE BUILDING IS CHANGED TO A NEW OCCUPANCY CLASSIFICATION, ANY ALTERATIONS SHALL COMPLY WITH SECTIONS 305.6, 305.7 AND 305.8. 305.6 ALTERATIONS. A FACILITY THAT IS ALTERED SHALL COMPLY WITH THE APPLICABLE PROVISIONS IN CHAPTER 11 OF THE BUILDING CODE OF NEW YORK STATE. UNLESS TECHNICALLY INFEASIBLE. WHERE COMPLIANCE WITH THIS SECTION IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL PROVIDE ACCESS TO THE MAXIMUM EXTENT TECHNICALLY FEASIBLE. EXCEPTIONS: 1. THE ALTERED ELEMENT OR SPACE IS NOT REQUIRED TO BE ON AN ACCESSIBLE ROUTE, UNLESS REQUIRED BY SECTION 305.7. 2. ACCESSIBLE MEANS OF EGRESS REQUIRED BY CHAPTER 10 OF THE BUILDING CODE OF NEW YORK STATE ARE NOT REQUIRED TO BE PROVIDED IN EXISTING FACILITIES. 3. THIS PROVISION DOES NOT APPLY TO ALTERATIONS LIMITED SOLELY TO MECHANICAL SYSTEMS, ELECTRICAL SYSTEMS, INSTALLATION OR ALTERATION OF FIRE PROTECTION SYSTEMS AND ABATEMENT OF HAZARDOUS MATERIALS 305.7 ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION. WHERE AN ALTERATION AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF PRIMARY FUNCTION, THE ROUTE TO THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE. THE ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION AREA SHALL INCLUDE TOILET FACILITIES AND DRINKING FOUNTAINS SERVING THE AREA OF PRIMARY FUNCTION. EXCEPTIONS: 4. THIS PROVISION DOES NOT APPLY TO ALTERATIONS UNDERTAKEN FOR THE PRIMARY PURPOSE OF INCREASING THE ACCESSIBILITY OF A FACILITY. 305.8 SCOPING FOR ALTERATIONS. THE PROVISIONS OF SECTIONS 305.8.1 THROUGH 305.8.15 SHALL APPLY TO ALTERATIONS TO EXISTING BUILDINGS AND FACILITIES. 305.8.1 ENTRANCES. WHERE AN ALTERATION INCLUDES ALTERATIONS TO AN ENTRANCE THAT IS NOT ACCESSIBLE, AND THE FACILITY HAS AN ACCESSIBLE ENTRANCE, THE ALTERED ENTRANCE IS NOT REQUIRED TO BE ACCESSIBLE UNLESS REQUIRED BY SECTION 305.7. SIGNS COMPLYING WITH SECTION 1111 OF THE BUILDING CODE OF NEW YORK STATE SHALL BE PROVIDED.	SEE SECTION 305.4.1 PROVIDED, SEE SECTION 305.6, 305.7 & 305.8 PROVIDED, SEE SECTION 305.7 NA SEE SECTION 305.8.1 PROVIDED
CHAPTER 6: CLASSIFICATION OF WORK	605.1 SCOPE. CHANGE OF OCCUPANCY PROVISIONS APPLY WHERE THE ACTIVITY IS CLASSIFIED AS A CHANGE OF OCCUPANCY AS DEFINED IN CHAPTER 2 605.2 APPLICATION. CHANGES OF OCCUPANCY SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 10.	SEE CHAPTER 10
SECTION 602 ALTERATION-LEVEL 1	602.1 SCOPE. LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE. 602.2 APPLICATION. LEVEL 1 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7.	SEE CHAPTER 7
SECTION 603 ALTERATION-LEVEL 2	603.1 SCOPE. LEVEL 2 ALTERATIONS INCLUDE THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT. 603.2 APPLICATION. LEVEL 2 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7 FOR LEVEL 1 ALTERATIONS AS WELL AS THE PROVISIONS OF CHAPTER 8.	SEE CHAPTER 8
SECTION 605 CHANGE OF OCCUPANCY		
CHAPTER 7: ALTERATION LEVEL-1		
SECTION 701-GENERAL	701.2 CONFORMANCE. AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION. EXCEPTION: WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.	PROVIDED
SECTION 702-BUILDING ELEMENTS AND MATERIALS	702.1 INTERIOR FINISHES. ALL NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE BUILDING CODE OF NEW YORK STATE.	SEE BCNYS TABLE 803.13 BELOW
	702.2 INTERIOR FLOOR FINISH. NEW INTERIOR FLOOR FINISH, INCLUDING NEW CARPETING USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 OF THE BUILDING CODE OF NEW YORK STATE.	SEE BCNYS SECTION 804 BELOW
BCNYS TABLE 803.13 INTERIOR WALL AND CEILING FINISH FOR OCCUPANCY	GROUP "B", NON-SPRINKLERED INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS = A CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS = B ROOMS AND ENCLOSED SPACES = C	PROVIDED
BCNYS SECTION 804 INTERIOR FLOOR FINISH	GROUP "B", NON-SPRINKLERED MINIMUM CRITICAL RADIANT FLUX: CLASS II & DOC FF-1 "PILL TEST"	PROVIDED

**2020 EXISTING BUILDING CODE OF NEW YORK STATE ANALYSIS**

	702.3 INTERIOR TRIM. NEWLY INSTALLED INTERIOR TRIM MATERIALS SHALL COMPLY WITH SECTION 806 OF THE BUILDING CODE OF NEW YORK STATE.	PROVIDED
	702.6 MATERIALS AND METHODS. ALL NEW WORK SHALL COMPLY WITH THE MATERIALS AND METHODS REQUIREMENTS IN THE BUILDING CODE OF NEW YORK STATE. ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE, MECHANICAL CODE OF NEW YORK STATE, AND PLUMBING CODE OF NEW YORK STATE, AS APPLICABLE, THAT SPECIFY MATERIAL STANDARDS, DETAIL OF INSTALLATION AND CONNECTION, JOINTS, PENETRATIONS, AND CONTINUITY OF ANY ELEMENT, COMPONENT, OR SYSTEM IN THE BUILDING.	PROVIDED
SECTION 703-FIRE PROTECTION	703.1 GENERAL. ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.	PROVIDED
SECTION 704-MEANS OF EGRESS	704.1 GENERAL. ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS.	PROVIDED
SECTION 707-ENERGY CONSERVATION	707.1 MINIMUM REQUIREMENTS. LEVEL 1 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE AS THEY RELATE TO NEW CONSTRUCTION ONLY.	SEE ECCNYS CHAPTER 5 BELOW
2020 ECCNYS CHAPTER 5: EXISTING BUILDINGS		
SECTION C501 GENERAL	C501.1 SCOPE. THE PROVISIONS OF THIS CHAPTER SHALL CONTROL THE ALTERATION, REPAIR, ADDITION AND CHANGE OF OCCUPANCY OF EXISTING BUILDINGS AND STRUCTURES. C501.2 EXISTING BUILDINGS. EXCEPT AS SPECIFIED IN THIS CHAPTER, THIS CODE SHALL NOT BE USED TO REQUIRE THE REMOVAL, ALTERATION OR ABANDONMENT OF, NOR PREVENT THE CONTINUED USE AND MAINTENANCE OF, AN EXISTING BUILDING OR BUILDING SYSTEM LAWFULLY IN EXISTENCE AT THE TIME OF ADOPTION OF THIS CODE. [NY] C501.4 COMPLIANCE. ALTERATIONS, REPAIRS, ADDITIONS AND CHANGES OF OCCUPANCY TO, OR RELOCATION OF, EXISTING BUILDINGS AND STRUCTURES SHALL COMPLY WITH THE PROVISIONS FOR ALTERATIONS, REPAIRS, ADDITIONS AND CHANGES OF OCCUPANCY OR RELOCATION, RESPECTIVELY, IN THIS CODE AND IN THE BUILDING CODE OF NEW YORK STATE, EXISTING BUILDING CODE OF NEW YORK STATE, FIRE CODE OF NEW YORK STATE, FUEL GAS CODE OF NEW YORK STATE, MECHANICAL CODE OF NEW YORK STATE, PLUMBING CODE OF NEW YORK STATE, PROPERTY MAINTENANCE CODE OF NEW YORK STATE AND NFPA 70. C501.5 NEW AND REPLACEMENT MATERIALS. EXCEPT AS OTHERWISE REQUIRED OR PERMITTED BY THIS CODE, MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED. LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS, PROVIDED THAT HAZARDS TO LIFE, HEALTH OR PROPERTY ARE NOT CREATED. HAZARDOUS MATERIALS SHALL NOT BE USED WHERE THE CODE FOR NEW CONSTRUCTION WOULD NOT ALLOW USE OF THESE MATERIALS IN BUILDINGS OF SIMILAR OCCUPANCY, PURPOSE AND LOCATION. [NY] C503.1 GENERAL. ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF SECTION C503 AND THE CODE FOR NEW CONSTRUCTION. ALTERATIONS SHALL BE SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NOT LESS CONFORMING TO THE PROVISIONS OF THIS CODE THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ALTERATION. ALTERATIONS TO AN EXISTING BUILDING, BUILDING SYSTEM OR PORTION THEREOF SHALL CONFORM TO THE PROVISIONS OF THIS CODE AS THOSE PROVISIONS RELATE TO NEW CONSTRUCTION WITHOUT REQUIRING THE UNALTERED PORTIONS OF THE EXISTING BUILDING OR BUILDING SYSTEM TO COMPLY WITH THIS CODE. ALTERATIONS SHALL NOT CREATE AN UNSAFE OR HAZARDOUS CONDITION OR OVERLOAD EXISTING BUILDING SYSTEMS. ALTERATIONS COMPLYING WITH ANSI/ASHRAE/IESNA 90.1, NEED NOT COMPLY WITH SECTIONS C402, C403, C404 AND C405. EXCEPTION: THE FOLLOWING ALTERATIONS NEED NOT COMPLY WITH THE REQUIREMENTS FOR NEW CONSTRUCTION, PROVIDED THAT THE ENERGY USE OF THE BUILDING IS NOT INCREASED: 3. EXISTING CEILING, WALL OR FLOOR CAVITIES EXPOSED DURING CONSTRUCTION, PROVIDED THAT THESE CAVITIES ARE FILLED WITH INSULATION. 8. ALTERATIONS THAT REPLACE LESS THAN FIFTY PERCENT OF THE LUMINAIRES IN A SPACE, PROVIDED THAT SUCH ALTERATIONS DO NOT INCREASE THE INSTALLED INTERIOR LIGHTING POWER. C503.2 CHANGE IN SPACE CONDITIONING. ANY NONCONDITIONED OR LOW-ENERGY SPACE THAT IS ALTERED TO BECOME CONDITIONED SPACE SHALL BE REQUIRED TO BE BROUGHT INTO FULL COMPLIANCE WITH THIS CODE. C503.3 BUILDING ENVELOPE. NEW BUILDING ENVELOPE ASSEMBLIES THAT ARE PART OF THE ALTERATION SHALL COMPLY WITH SECTIONS C402.1 THROUGH C402.5.	PROVIDED
SECTION C503 ALTERATIONS		
	CLIMATE ZONE = 6 ROOFS ATTIC AND OTHER = R-49 WALLS, ABOVE GRADE WOOD FRAMED AND OTHER = R-13 + R-7.5CI OR R-20 + R-3.8CI WALLS, BELOW GRADE BELOW-GRADE WALL = R-7.5CI FLOORS JOIST/FRAMING = R-30 SLAB-ON-GRADE FLOORS UNHEATED SLABS = R-15 FOR 24" OPAQUE DOORS NONSWINGING = R-4.75 C402.4 FENESTRATION (PRESCRIPTIVE). FENESTRATION SHALL COMPLY WITH SECTIONS C402.4.1 THROUGH C402.4.5 AND TABLE C402.4.	SEE TABLE C402.1.3 FOR FLOORS & ATTIC ONLY REQUIREMENTS. WALL CAVITIES FILLED AS PER C503.1 EX. 3 SEE DRAWINGS FOR COMPLIANCE
[NY] TABLE C402.1.3 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT		
[NY] TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS	VERTICAL FENESTRATION U-FACTOR FIXED FENESTRATION = 0.36 OPERABLE FENESTRATION = 0.43 ENTRANCE DOORS = 0.77 SHGC PF < 0.2 = 0.40 0.2 ≤ PF < 0.5 = 0.48 PF ≥ 0.5 = 0.64	SEE DRAWINGS FOR COMPLIANCE
CHAPTER 8: ALTERATION LEVEL-2		
SECTION 801-GENERAL	801.3 COMPLIANCE. ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE. EXCEPTIONS: 2. NEWLY INSTALLED ELECTRICAL EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 807. 4. THE MINIMUM CEILING HEIGHT OF THE NEWLY CREATED HABITABLE AND OCCUPIABLE SPACES AND CORRIDORS SHALL BE 7 FEET (2134 MM).	PROVIDED
SECTION 802-BUILDING ELEMENTS AND MATERIALS	802.1 SCOPE. THE REQUIREMENTS OF THIS SECTION ARE LIMITED TO WORK AREAS IN WHICH LEVEL 2 ALTERATIONS ARE BEING PERFORMED AND SHALL APPLY BEYOND THE WORK AREA WHERE SPECIFIED. 802.4 INTERIOR FINISH. THE INTERIOR FINISH OF WALLS AND CEILINGS IN EXITS AND CORRIDORS IN ANY WORK AREA SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.	PROVIDED
SECTION 803-FIRE PROTECTION	803.1 SCOPE. THE REQUIREMENTS OF THIS SECTION SHALL BE LIMITED TO WORK AREAS IN WHICH LEVEL 2 ALTERATIONS ARE BEING PERFORMED, AND WHERE SPECIFIED THEY SHALL APPLY THROUGHOUT THE FLOOR ON WHICH THE WORK AREAS ARE LOCATED OR OTHERWISE BEYOND THE WORK AREA. 803.2 AUTOMATIC SPRINKLER SYSTEMS. AUTOMATIC SPRINKLER SYSTEMS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 803.2.1 THROUGH 803.2.4. INSTALLATION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE. [NY] 803.2.2 GROUPS A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 AND S-2. IN BUILDINGS WITH OCCUPANCIES IN GROUPS A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 AND S-2, WORK AREAS THAT HAVE EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT OR THAT HAVE EXITS OR CORRIDORS SERVING AN OCCUPANT LOAD GREATER THAN 30 SHALL BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION WHERE BOTH OF THE FOLLOWING CONDITIONS OCCUR: 1. THE WORK AREA IS REQUIRED TO BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE AS APPLICABLE TO NEW CONSTRUCTION. 2. THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA. 803.4 FIRE ALARM AND DETECTION. AN APPROVED FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SECTIONS 803.4.1 THROUGH 803.4.3, WHERE AUTOMATIC SPRINKLER PROTECTION IS PROVIDED IN ACCORDANCE WITH SECTION 803.2 AND IS CONNECTED TO THE BUILDING FIRE ALARM SYSTEM, AUTOMATIC HEAT DETECTION SHALL NOT BE REQUIRED.	NA SEE SECTION 803.2.2 NR NR
SECTION 804-CARBON MONOXIDE DETECTION	[NY] 804.1 CARBON MONOXIDE DETECTION AND NOTIFICATION. CARBON MONOXIDE DETECTION AND NOTIFICATION SHALL BE PROVIDED WITH SECTIONS 503.15 THROUGH 503.15.1 FOR BUILDINGS THAT UNDERGO AN ALTERATION.	SEE SECTION ECCNYS 503.15 BELOW

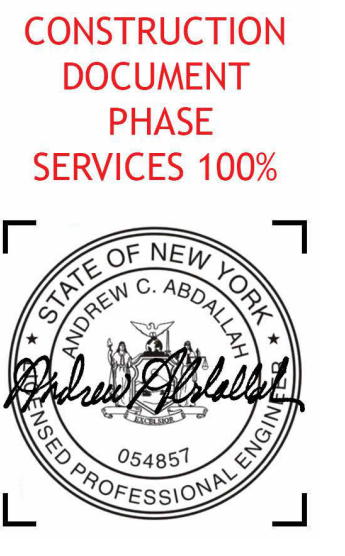


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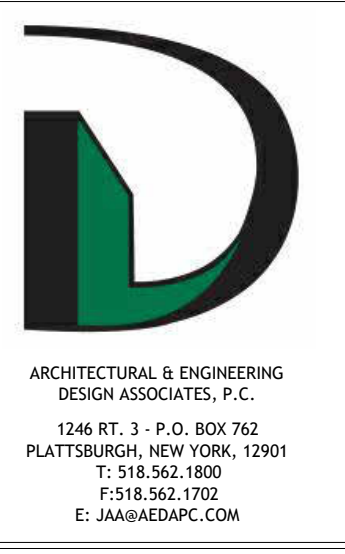
**BUILDING CODE ANALYSIS**

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CHECKED BY SEC

**LS001**

2020 EXISTING BUILDING CODE OF NEW YORK STATE ANALYSIS

EBCNYS SECTION 503 ALTERATIONS	[NY] 503.15 CARBON MONOXIDE DETECTION AND NOTIFICATION. WHERE A LEVEL 2 OR LEVEL 3 ALTERATION IS MADE TO AN EXISTING BUILDING, THE WORK AREA SHALL BE PROVIDED WITH CARBON MONOXIDE DETECTION AND NOTIFICATION APPLIANCES THAT COMPLY WITH THE REQUIREMENTS FOR NEW CONSTRUCTION IN ACCORDANCE WITH SECTION 915 OF THE FIRE CODE OF NEW YORK STATE.	PROVIDED
SECTION 805-MEANS OF EGRESS	805.3 NUMBER OF EXITS. THE NUMBER OF EXITS SHALL BE IN ACCORDANCE WITH SECTIONS 805.3.1 THROUGH 805.3.3. 805.3.1 MINIMUM NUMBER. EVERY STORY UTILIZED FOR HUMAN OCCUPANCY ON WHICH THERE IS A WORK AREA THAT INCLUDES EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT WITHIN THE WORK AREA SHALL BE PROVIDED WITH THE MINIMUM NUMBER OF EXITS BASED ON THE OCCUPANCY AND THE OCCUPANT LOAD IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE.	NO CHANGE IN NUMBER, SIZES & SWING OF EXITS
	805.4 EGRESS DOORWAYS. EGRESS DOORWAYS IN ANY WORK AREA SHALL COMPLY WITH SECTIONS 805.4.1 THROUGH 805.4.5. 805.4.1 TWO EGRESS DOORWAYS REQUIRED. WORK AREAS SHALL BE PROVIDED WITH TWO EGRESS DOORWAYS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 805.4.1.1 AND 805.4.1.2. 805.4.1.1 OCCUPANT LOAD AND TRAVEL DISTANCE. IN ANY WORK AREA, ALL ROOMS AND SPACES HAVING AN OCCUPANT LOAD GREATER THAN 50 OR IN WHICH THE TRAVEL DISTANCE TO AN EXIT EXCEEDS 75 FEET (22860 MM) SHALL HAVE NOT FEWER THAN TWO EGRESS DOORWAYS.	PROVIDED
	805.4.2 DOOR SWING. IN THE WORK AREA AND IN THE EGRESS PATH FROM ANY WORK AREA TO THE EXIT DISCHARGE, ALL EGRESS DOORS SERVING AN OCCUPANT LOAD GREATER THAN 50 SHALL SWING IN THE DIRECTION OF EXIT TRAVEL.	PROVIDED
	805.4.4 PANIC HARDWARE. IN ANY WORK AREA, AND IN THE EGRESS PATH FROM ANY WORK AREA TO THE EXIT DISCHARGE, IN BUILDINGS OR PORTIONS THEREOF OF GROUP A ASSEMBLY OCCUPANCIES WITH AN OCCUPANT LOAD GREATER THAN 100, ALL REQUIRED EXIT DOORS EQUIPPED WITH LATCHING DEVICES SHALL BE EQUIPPED WITH APPROVED PANIC HARDWARE.	NA
	805.7 MEANS-OF-EGRESS LIGHTING. MEANS-OF-EGRESS LIGHTING SHALL BE IN ACCORDANCE WITH THIS SECTION, AS APPLICABLE. 805.7.1 ARTIFICIAL LIGHTING REQUIRED. MEANS OF EGRESS IN ALL WORK AREAS SHALL BE PROVIDED WITH ARTIFICIAL LIGHTING IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.	PROVIDED, SEE DRAWINGS FOR LOCATIONS
	805.8 EXIT SIGNS. EXIT SIGNS SHALL BE IN ACCORDANCE WITH THIS SECTION, AS APPLICABLE. 805.8.1 WORK AREAS. MEANS OF EGRESS IN ALL WORK AREAS SHALL BE PROVIDED WITH EXIT SIGNS IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.	PROVIDED, SEE DRAWINGS FOR LOCATIONS
SECTION 806 STRUCTURAL	[BS] 806.1 GENERAL. STRUCTURAL ELEMENTS AND SYSTEMS WITHIN BUILDINGS UNDERGOING LEVEL 2 ALTERATIONS SHALL COMPLY WITH THIS SECTION. [BS] 806.2 EXISTING STRUCTURAL ELEMENTS CARRYING GRAVITY LOADS. ANY EXISTING GRAVITY LOAD-CARRYING STRUCTURAL ELEMENT FOR WHICH AN ALTERATION CAUSES AN INCREASE IN DESIGN DEAD, LIVE OR SNOW LOAD, INCLUDING SNOW DRIFT EFFECTS, OF MORE THAN 5 PERCENT SHALL BE REPLACED OR ALTERED AS NEEDED TO CARRY THE GRAVITY LOADS REQUIRED BY THE BUILDING CODE OF NEW YORK STATE FOR NEW STRUCTURES. ANY EXISTING GRAVITY LOAD-CARRYING STRUCTURAL ELEMENT WHOSE GRAVITY LOAD-CARRYING CAPACITY IS DECREASED AS PART OF THE ALTERATION SHALL BE SHOWN TO HAVE THE CAPACITY TO RESIST THE APPLICABLE DESIGN DEAD, LIVE AND SNOW LOADS, INCLUDING SNOW DRIFT EFFECTS, REQUIRED BY THE BUILDING CODE OF NEW YORK STATE FOR NEW STRUCTURES.	SEE DRAWINGS FOR COMPLIANCE
SECTION 807-ELECTRICAL	807.1 NEW INSTALLATIONS. ALL NEWLY INSTALLED ELECTRICAL EQUIPMENT AND WIRING RELATING TO WORK DONE IN ANY WORK AREA SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF NFPA 70.	PROVIDED
	807.2 EXISTING INSTALLATIONS. EXISTING WIRING IN ALL WORK AREAS IN GROUP A-1, A-2, A-5, H AND I OCCUPANCIES SHALL BE UPGRADED TO MEET THE MATERIALS AND METHODS REQUIREMENTS OF CHAPTER 7.	NA
SECTION 808-MECHANICAL	809.1 RECONFIGURED OR CONVERTED SPACES. ALL RECONFIGURED SPACES INTENDED FOR OCCUPANCY AND ALL SPACES CONVERTED TO HABITABLE OR OCCUPIABLE SPACE IN ANY WORK AREA SHALL BE PROVIDED WITH NATURAL OR MECHANICAL VENTILATION IN ACCORDANCE WITH THE MECHANICAL CODE OF NEW YORK STATE. EXCEPTION: EXISTING MECHANICAL VENTILATION SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 808.2. 808.2 ALTERED EXISTING SYSTEMS. IN MECHANICALLY VENTILATED SPACES, EXISTING MECHANICAL VENTILATION SYSTEMS THAT ARE ALTERED, RECONFIGURED, OR EXTENDED SHALL PROVIDE NOT LESS THAN 5 CUBIC FEET PER MINUTE (CFM) (0.0024 M <sup>3</sup> /S) PER PERSON OF OUTDOOR AIR AND NOT LESS THAN 15 CFM (0.0071 M <sup>3</sup> /S) OF VENTILATION AIR PER PERSON; OR NOT LESS THAN THE AMOUNT OF VENTILATION AIR DETERMINED BY THE INDOOR AIR QUALITY PROCEDURE OF ASHRAE 62.1.	SEE DRAWINGS FOR COMPLIANCE
SECTION 809 PLUMBING	809.1 MINIMUM FIXTURES. WHERE THE OCCUPANT LOAD OF THE STORY IS INCREASED BY MORE THAN 20 PERCENT, PLUMBING FIXTURES FOR THE STORY SHALL BE PROVIDED IN QUANTITIES SPECIFIED IN THE PLUMBING CODE OF NEW YORK STATE BASED ON THE INCREASED OCCUPANT LOAD.	NA
SECTION 810-ENERGY CONSERVATION	810.1 MINIMUM REQUIREMENTS. LEVEL 2 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE AS THEY RELATE TO NEW CONSTRUCTION ONLY.	SEE SECTION 707 ABOVE
CHAPTER 10: CHANGE OF OCCUPANCY		
SECTION 1001 GENERAL	1001.1 SCOPE. THE PROVISIONS OF THIS CHAPTER SHALL APPLY WHERE A CHANGE OF OCCUPANCY OCCURS, AS DEFINED IN SECTION 202. 1001.2 CERTIFICATE OF OCCUPANCY. A CHANGE OF OCCUPANCY OR A CHANGE OF OCCUPANCY WITHIN A SPACE WHERE THERE IS A DIFFERENT FIRE PROTECTION SYSTEM THRESHOLD REQUIREMENT IN CHAPTER 9 OF THE BUILDING CODE OF NEW YORK STATE SHALL NOT BE MADE TO ANY STRUCTURE WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL. A CERTIFICATE OF OCCUPANCY SHALL BE ISSUED WHERE IT HAS BEEN DETERMINED THAT THE REQUIREMENTS FOR THE CHANGE OF OCCUPANCY HAVE BEEN MET. 1001.2.2 CHANGE OF OCCUPANCY CLASSIFICATION OR GROUP. WHERE THE OCCUPANCY CLASSIFICATION OF A BUILDING CHANGES, THE PROVISIONS OF SECTIONS 1002 THROUGH 1011 SHALL APPLY. THIS INCLUDES A CHANGE OF OCCUPANCY CLASSIFICATION AND A CHANGE TO ANOTHER GROUP WITHIN AN OCCUPANCY CLASSIFICATION.	
SECTION 1003 BUILDING ELEMENTS AND MATERIALS	1003.1 GENERAL. BUILDING ELEMENTS AND MATERIALS IN PORTIONS OF BUILDINGS UNDERGOING A CHANGE OF OCCUPANCY CLASSIFICATION SHALL COMPLY WITH SECTION 1011.	SEE SECTION 1011
SECTION 1004 FIRE PROTECTION	1004.1 GENERAL. FIRE PROTECTION REQUIREMENTS OF SECTION 1011 SHALL APPLY WHERE A BUILDING OR PORTIONS THEREOF UNDERGO A CHANGE OF OCCUPANCY CLASSIFICATION OR WHERE THERE IS A CHANGE OF OCCUPANCY WITHIN A SPACE WHERE THERE IS A DIFFERENT FIRE PROTECTION SYSTEM THRESHOLD REQUIREMENT IN CHAPTER 9 OF THE BUILDING CODE OF NEW YORK STATE.	OCCUPANCY CLASSIFICATION FOR GROUP B IS THE SAME THAT IS REQUIRED FOR GROUP S-1
SECTION 1005 MEANS OF EGRESS	1005.1 GENERAL. MEANS OF EGRESS IN PORTIONS OF BUILDINGS UNDERGOING A CHANGE OF OCCUPANCY CLASSIFICATION SHALL COMPLY WITH SECTION 1011.	SEE SECTION 1011
SECTION 1007 ELECTRICAL	1007.2 UNSAFE CONDITIONS. WHERE THE OCCUPANCY OF AN EXISTING BUILDING OR PART OF AN EXISTING BUILDING IS CHANGED, ALL UNSAFE CONDITIONS SHALL BE CORRECTED WITHOUT REQUIRING THAT ALL PARTS OF THE ELECTRICAL SYSTEM COMPLY WITH NFPA 70.	PROVIDE ELECTRICAL INSPECTION CERTIFICATE TO CODE OFFICIAL TO SHOW COMPLIANCE OF EXISTING CONDITIONS
	1007.4 NUMBER OF ELECTRICAL OUTLETS. WHERE THE OCCUPANCY OF AN EXISTING BUILDING OR PART OF AN EXISTING BUILDING IS CHANGED, THE NUMBER OF ELECTRICAL OUTLETS SHALL COMPLY WITH NFPA 70 FOR THE NEW OCCUPANCY.	PROVIDED
SECTION 1008 MECHANICAL	1008.1 MECHANICAL REQUIREMENTS. WHERE THE OCCUPANCY OF AN EXISTING BUILDING OR PART OF AN EXISTING BUILDING IS CHANGED SUCH THAT THE NEW OCCUPANCY IS SUBJECT TO DIFFERENT KITCHEN EXHAUST REQUIREMENTS OR TO INCREASED MECHANICAL VENTILATION REQUIREMENTS IN ACCORDANCE WITH THE MECHANICAL CODE OF NEW YORK STATE, THE NEW OCCUPANCY SHALL COMPLY WITH THE RESPECTIVE MECHANICAL CODE OF NEW YORK STATE PROVISIONS.	PROVIDED
SECTION 1009 PLUMBING	1009.1 INCREASED DEMAND. WHERE THE OCCUPANCY OF AN EXISTING BUILDING OR PART OF AN EXISTING BUILDING IS CHANGED SUCH THAT THE NEW OCCUPANCY IS SUBJECT TO INCREASED OR DIFFERENT PLUMBING FIXTURE REQUIREMENTS OR TO INCREASED WATER SUPPLY REQUIREMENTS IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE, THE NEW OCCUPANCY SHALL COMPLY WITH THE INTENT OF THE RESPECTIVE PLUMBING CODE OF NEW YORK STATE PROVISIONS.	EXISTING FIXTURE REQUIREMENTS COMPLY
SECTION 1010 OTHER REQUIREMENTS	1010.1 LIGHT AND VENTILATION. LIGHT AND VENTILATION SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE FOR THE NEW OCCUPANCY.	PROVIDED
SECTION 1011 CHANGE OF OCCUPANCY CLASSIFICATION	1011.1 GENERAL. THE PROVISIONS OF THIS SECTION SHALL APPLY TO BUILDINGS OR PORTIONS THEREOF UNDERGOING A CHANGE OF OCCUPANCY CLASSIFICATION. THIS INCLUDES A CHANGE OF OCCUPANCY CLASSIFICATION WITHIN A GROUP AS WELL AS A CHANGE OF OCCUPANCY CLASSIFICATION FROM ONE GROUP TO A DIFFERENT GROUP OR WHERE THERE IS A CHANGE OF OCCUPANCY WITHIN A SPACE WHERE THERE IS A DIFFERENT FIRE PROTECTION SYSTEM THRESHOLD REQUIREMENT IN CHAPTER 9 OF THE BUILDING CODE OF NEW YORK STATE. SUCH BUILDINGS SHALL ALSO COMPLY WITH SECTIONS 1002 THROUGH 1010 OF THIS CODE. THE APPLICATION OF REQUIREMENTS FOR THE CHANGE OF OCCUPANCY SHALL BE AS SET FORTH IN SECTIONS 1011.1.1 THROUGH 1011.1.3. A CHANGE OF OCCUPANCY, AS DEFINED IN SECTION 202, WITHOUT A CORRESPONDING CHANGE OF OCCUPANCY CLASSIFICATION SHALL COMPLY WITH SECTION 1001.2.	NO SEPARATION REQUIRED. FIRE PROTECTION SYSTEM NOT REQUIRED FOR CHANGE OF OCCUPANCY; MEANS OF EGRESS IS THE SAME HAZARD; HEIGHTS AN AREAS HAZARD IS THE LOWEST HAZARD CATEGORIES FOR THE NEW OCCUPANCY CLASSIFICATIONS



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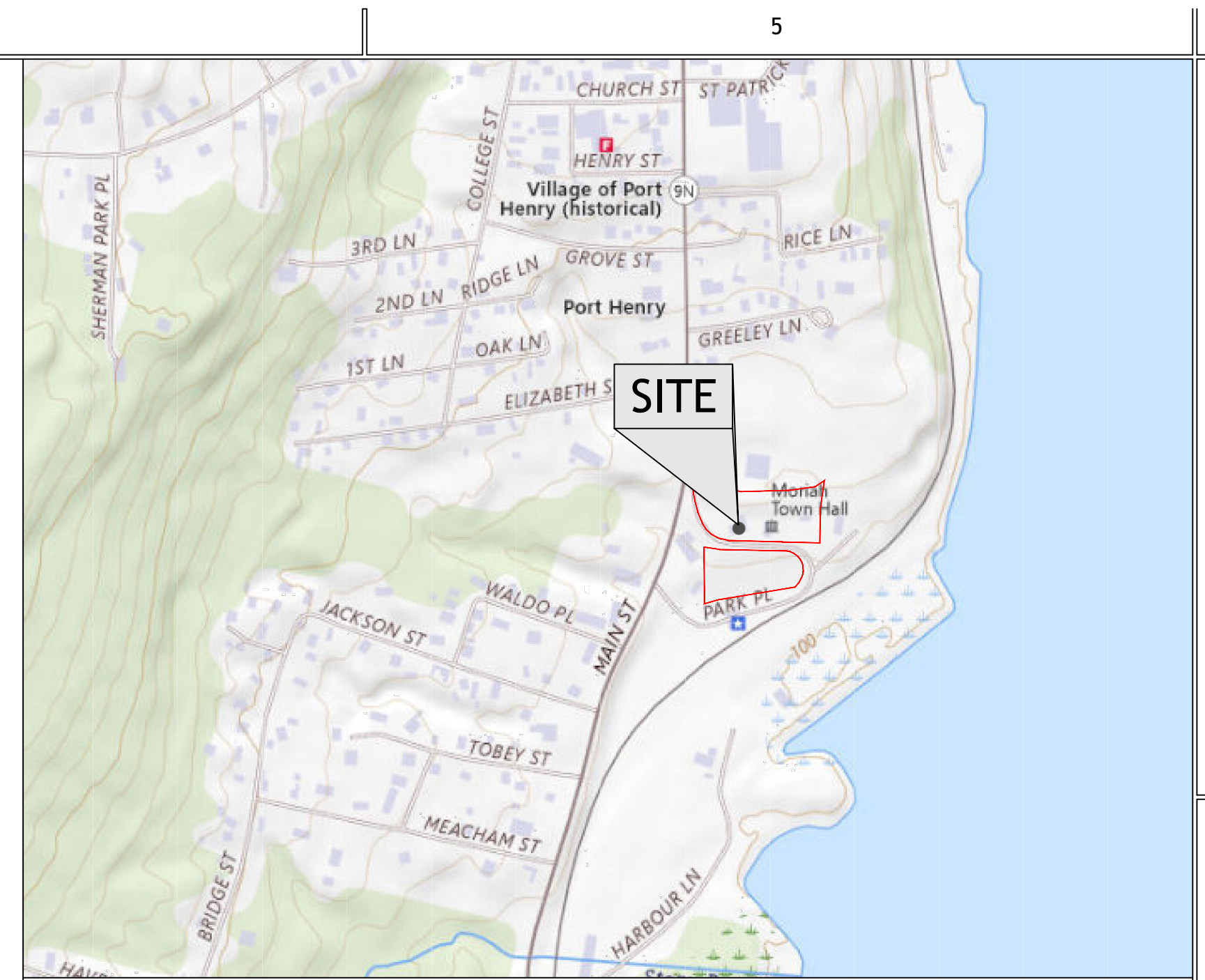


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BUILDING CODE ANALYSIS

PROJECT NO. 24126  
DATE 03-31-25  
DRAWN BY JK  
CHECKED BY SEC

LS002



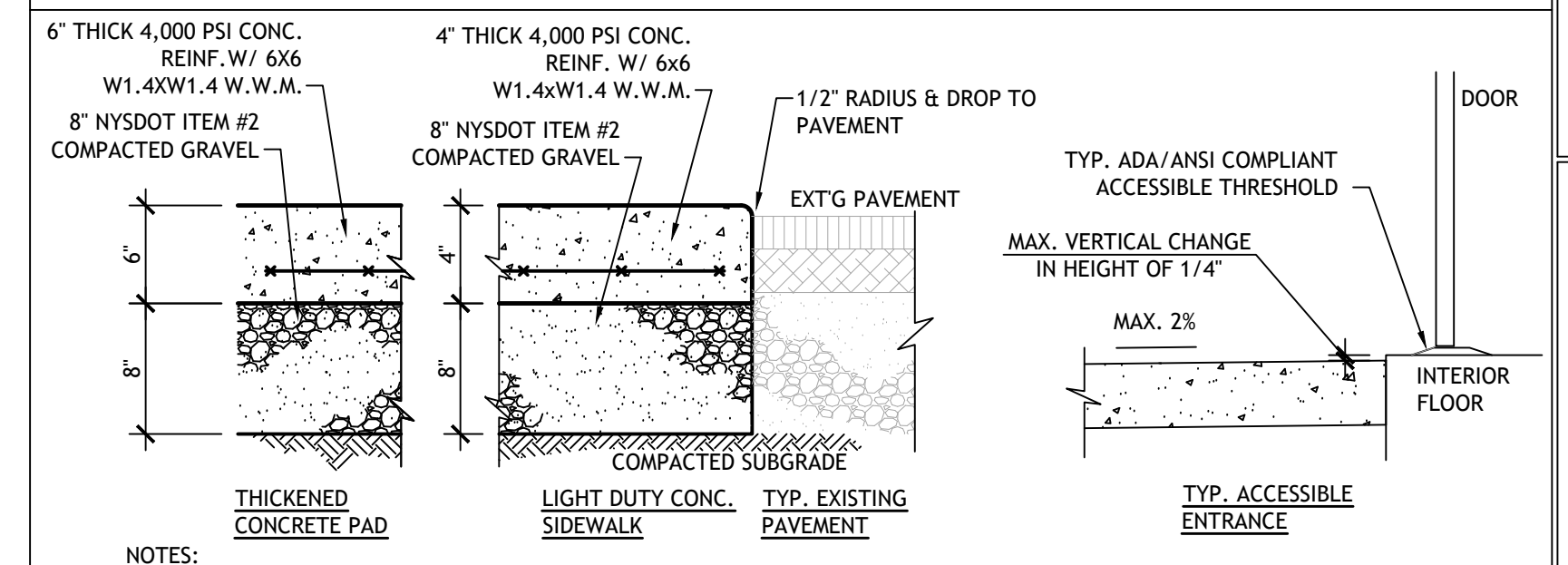
**LOCATION PLAN**  
SCALE: 1" = 500'

**PLAN REFERENCE NOTE**

THIS PLAN IS INTENDED FOR GENERAL REPRESENTATION OF THE EXISTING SITE FEATURES AND SHALL NOT BE CONSTRUED AS A PROPERTY OR FIELD SURVEY. BACKGROUND INFORMATION HAS BEEN DEVELOPED FROM HISTORICAL PROPERTY INFORMATION AND CASUAL FIELD OBSERVATIONS.

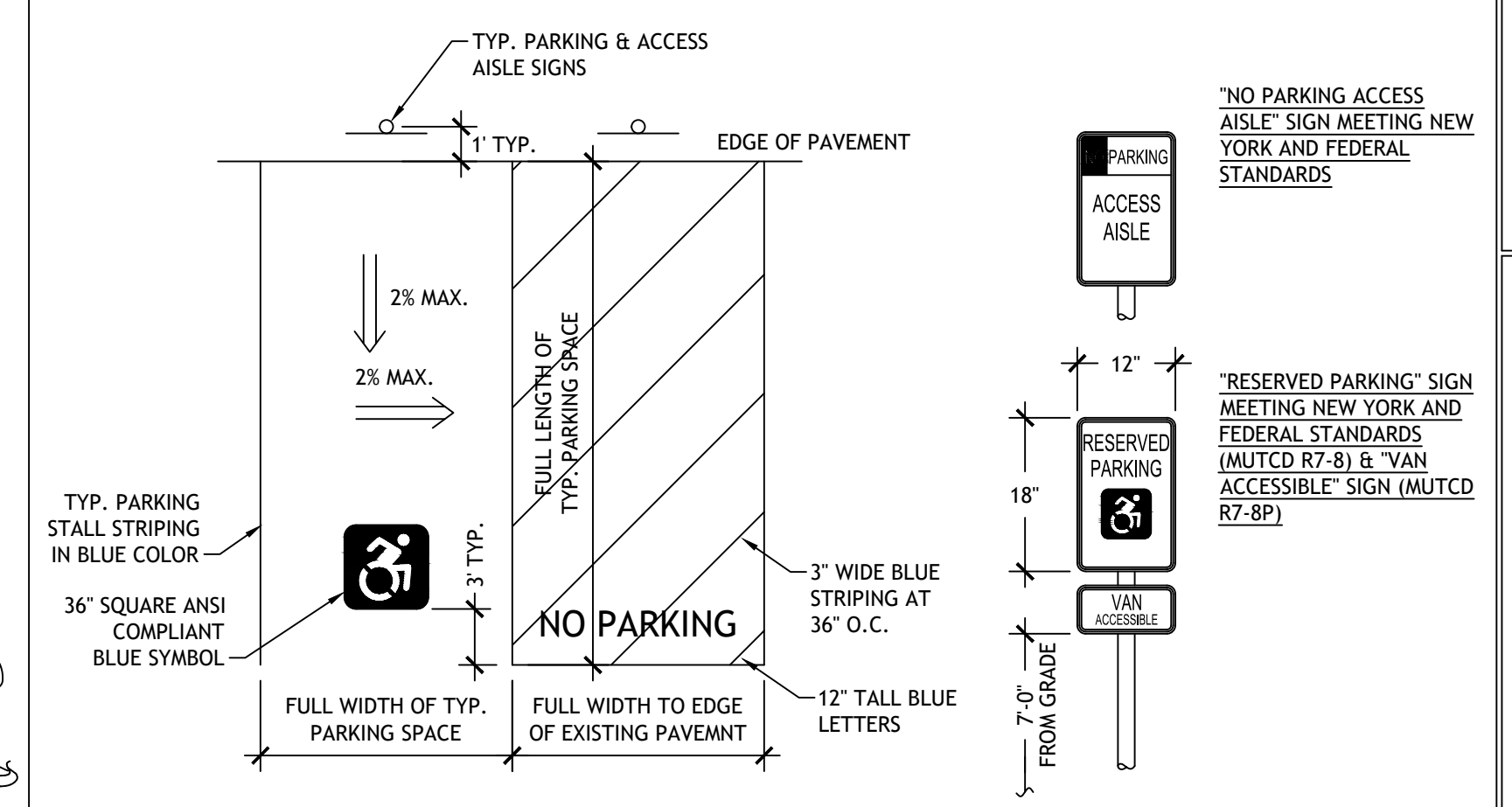
**HATCH LEGEND**

- NEW CONCRETE WALK/PAD
- EXISTING BUILDING COVERAGE (NOT IN CONTRACT)
- EXISTING BUILDING COVERAGE (AREA OF WORK)



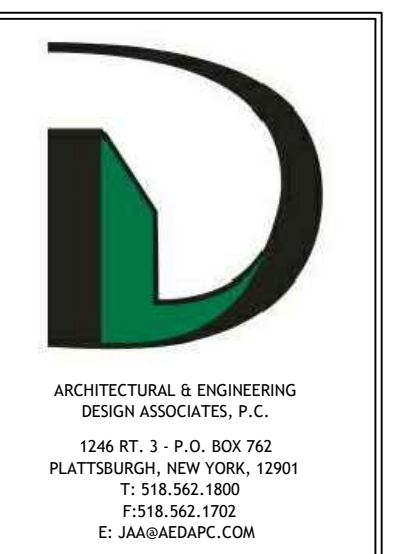
- NOTES:**
1. PROVIDE TYP. TOOLED FINISH AT PAD EDGES & LIGHT BROOM FINISH.
  2. PROVIDE BREAK IN POUR WITH EXPANSION JOINT 1/2" MIN. THICKNESS USING PREMOLDED FILLER LEFT 1/2" BELOW SURFACE AT TRANSITION TO ADJACENT ASPHALT OR CONCRETE SURFACES.
  3. SEAL CONC. SURFACE W/ PENETRATING SILANE SEALER EQUAL TO SILENCURE BY CHEMMASTERS.
  4. ENTRANCE SIDEWALK SLAB AT DOORWAY SHALL HAVE A GRADE AWAY FROM BUILDING NOT EXCEEDING 2%.
  5. ENTRANCE SIDEWALK SLAB EXTENSION BEYOND HINGE & LATCH SIDES OF DOOR SHALL MEET REQUIREMENTS OF ANSI A117.1-2003, CHAPTER 404.

**C4 TYP. CONCRETE SIDEWALK/PAD DETAIL**  
SCALE: N.T.S.



- NOTES:**
1. MAXIMUM GRADE IN ACCESSIBLE PARKING SPACES AND ACCESS AISLE SHALL BE 2% IN ANY DIRECTION.
  2. PARKING SPACES SHALL BE LAID OUT & STRIPED WITH SIGNAGE IN CONFORMANCE WITH ANSI A117.1-2003 CHAPTER 502.
  3. STALL STRIPING, HC SYMBOL, & ACCESS AISLE STRIPING TO BE EF SERIES FAST DRY WATERBORNE TRAFFIC PAINT BY ENNIS-FLINT. VERIFY COLORS W/ OWNER.
  4. SIGN POSTS TO BE 2-PIECE BREAK-AWAY WITH BOTTOM POST EMBEDDED 42" BELOW GRADE & EXTENDING 4" ABOVE GRADE, TOP POST TO OVERLAP WITH BOTTOM POST 6" & SECURED TOGETHER WITH TWO 3/8" DIA. GALV. HEX BOLTS, NUTS & WASHERS SPACED 4" APART. POSTS SHALL BE EQUAL TO 2 LB RIB-BAK U-CHANNEL WITH POLYESTER POWDER COAT FINISH.

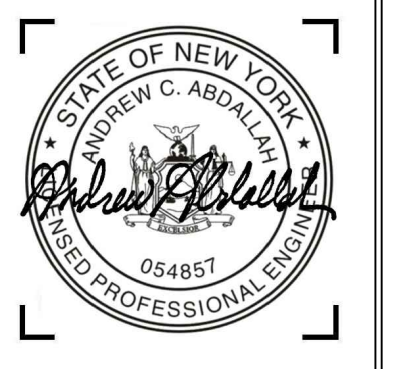
**D4 TYP. ACCESSIBLE PARKING SPACE DETAIL**  
SCALE: N.T.S.



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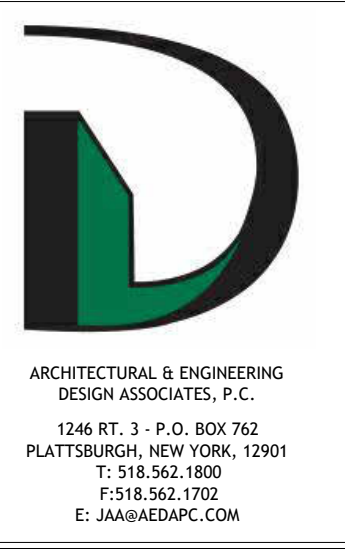
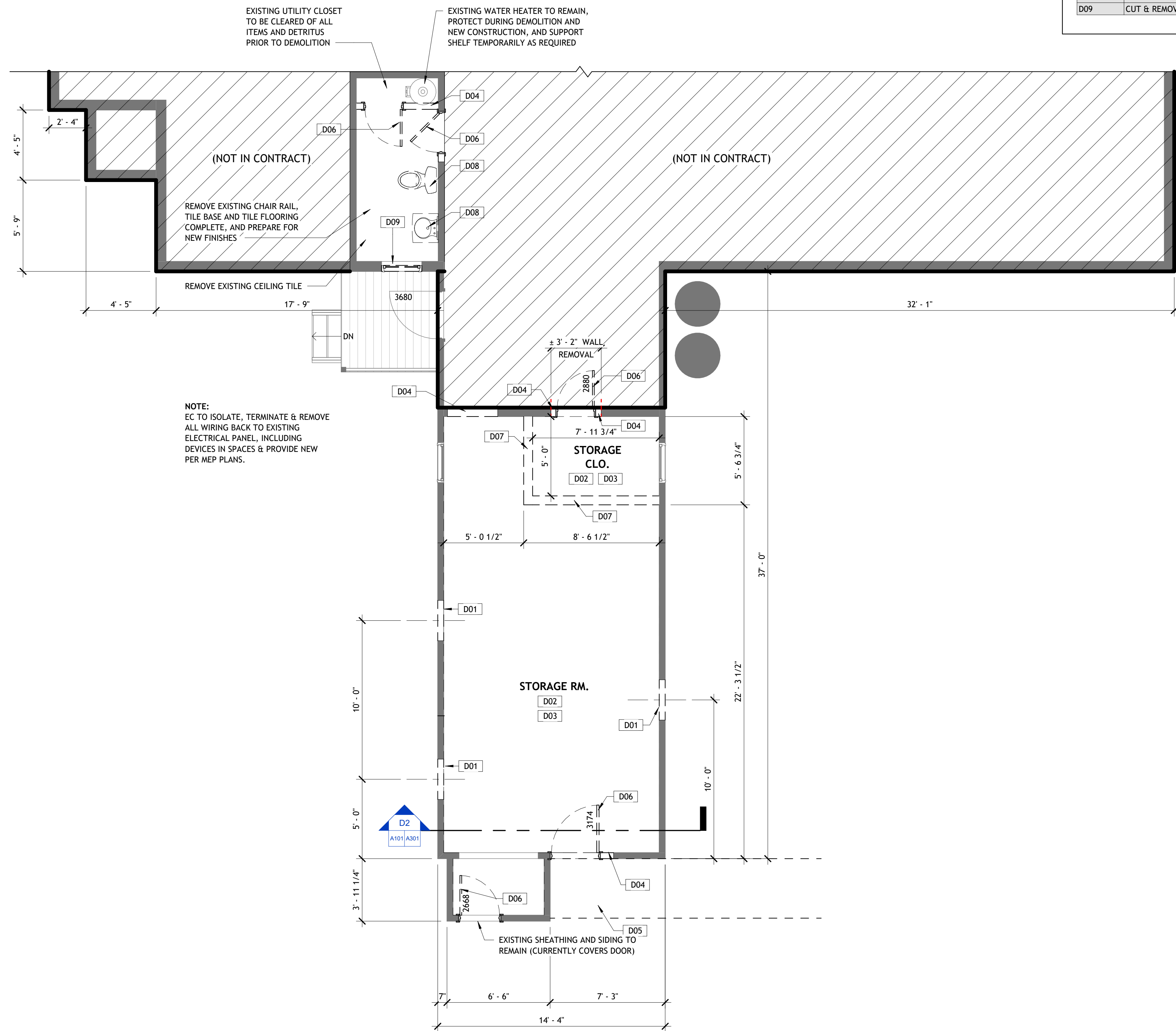
**SITE SKETCH PLAN**

PROJECT NO. 24126  
DATE 03-31-25  
DRAWN BY DLL  
CHECKED BY MSC

**C100**

**DEMOLITION KEYNOTES**

KEY #	KEYNOTE TEXT
D01	CUT & MODIFY EXISTING WALL FRAMING FOR NEW OPENING WITH (2)2X10 WOOD HEADER
D02	CUT & REMOVE EXISTING SUBFLOOR & FINISH FLOORING.
D03	CUT & REMOVE EXISTING FLOOR JOISTS AS NECESSARY TO PROVIDE VAPOR POLY AND SAND.
D04	CUT & REMOVE EXISTING WALL / WALL SECTION.
D05	CUT & REMOVE EXISTING CONCRETE SLAB, ASPHALT PAVEMENT & GRAVEL. PREP FOR NEW WORK. SEE CIVIL DRAWINGS
D06	CUT & REMOVE EXISTING DOOR & FRAME ASSEMBLY, TOTAL.
D07	CUT & REMOVE ALL EXISTING WALL & CEILING FINISHES IN STORAGE & CLOSET, INCLUDING PLASTER, LATHE, WOOD TRIM & WAINSCOTTING.
D08	CUT & REMOVE PLUMBING FIXTURES, PREPARE EXISTING SUPPLY AND WASTE LINES FOR EXTENSION TO NEW FIXTURE LOCATIONS.
D09	CUT & REMOVE EXISTING WINDOW ASSEMBLY AND PREPARE FOR NEW WINDOW INSTALLATION.



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**PARTIAL DEMOLITION FIRST FLOOR PLAN**

PROJECT NO. 24126  
 DATE 03-31-25  
 DRAWN BY TSV  
 CHECKED BY SEC

**D101**

D1 DEMOLITION FIRST FLOOR PLAN  
 D101 1/4" = 1'-0"

**FOUNDATION NOTES**

- SUBMIT DETAILED SHOP DRAWINGS INDICATING REINFORCEMENT SIZE, SPACING AND PLACEMENT TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO FABRICATION. INCLUDE DETAILS AND LOCATIONS OF ALL CURBS, CONSTRUCTION JOINTS, SLAB DEPRESSIONS, SLEEVES, OPENINGS, ETC.
- DETAIL FABRIC LABEL, SUPPORT AND PLACE ALL CONCRETE REINFORCEMENT IN ACCORDANCE WITH THE ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" AND ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," APPLICABLE EDITIONS.
- HORIZONTAL JOINTS IN CONCRETE POURS ARE NOT PERMITTED.
- REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR CURBS, PADS, DEPRESSIONS, WALL/SLAB OPENINGS, SPECIAL FLOOR FINISHES, ETC.
- PROVIDE EPOXY COATED REINFORCING BARS IN THE TOP LAYER OF LOADING DOCKS.
- WALLS WITH A SINGLE LAYER OF VERTICAL REINFORCEMENT SHALL BE LOCATED ON THE EXPANSION SIDE OF THE WALL.
- ALL REINFORCING BARS SHALL BE DEFORMED BARS OF INTERMEDIATE GRADE NEW BILLET STEEL CONFORMING TO REQUIREMENTS OF ASTM SPEC A615 GR. 60 (60,000 PSI MIN. YIELD).
- ALL WELDED WIRE FABRIC SHALL BE PLAIN, COLD DRAWN, ELECTRICALLY WELDED FABRIC CONFORMING TO REQUIREMENTS FOR ASTM SPECIFICATION A185, USING BRIGHT BASIC WIRE MEETING ASTM SPEC. A82.
- ALL REINFORCING MARKED CONTINUOUS (CONT.) SHALL BE LAPPED 40 BAR DIAMETER AT SPLICES AND CORNERS AND SHALL BE HOOKED OR EXTENDED 40 BAR DIAMETER AT NON CONTINUOUS ENDS. TOP BARS SHALL BE LAPPED AT MID SPAN. BOTTOM BARS SHALL BE LAPPED AT SUPPORTS.
- REINFORCEMENT SHALL BE SECURELY TIED IN ITS PROPER PLACE BEFORE AND DURING CONCRETE PLACEMENT OPERATIONS USING APPROVED CHAIRS AND SPACERS.
- THE CONCRETE CONTRACTOR SHALL INSTALL OR GIVE OTHER TRADES AMPLE OPPORTUNITY TO INSTALL ALL ANCHORS, BOLTS, PLATES, NAILERS, SLOTS, PIPE SLEEVES, ETC AS REQUIRED BY ALL TRADES. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE SETTING SCREEDS AND FORMS. SEE TYPICAL FOUNDATION DETAILS.
- PROVIDE CLEARANCES FROM FACES OF CONCRETE TO REINFORCEMENT AS FOLLOWS: (UNLESS NOTED OTHERWISE)
  - CONCRETE CAST AGAINST EARTH
    - 3" (ALL BARS)
  - CONCRETE EXPOSED TO EARTH OR WEATHER
    - 2" (#6 AND LARGER)
    - 1-1/2" (#5 AND SMALLER)
  - CONCRETE NOT EXPOSED TO EARTH OR WEATHER
    - SLABS, WALLS AND JOISTS 3/4" (#11 AND SMALLER)
    - BEAMS AND COLUMNS (MAIN STEEL AND TIES) 1-1/2" (ALL BARS)
- BEAR FOOTINGS ON FIRM UNDISTURBED SOIL OR COMPACTED STRUCTURAL FILL.
- FRAMED SLABS AND BEAMS SHALL BE PLACED MONOLITHICALLY EXCEPT WHERE SHOWN OTHERWISE AND SHALL BE FINISHED AS INDICATED IN THE SPECIFICATIONS. JOINTS IN FRAMED SLABS SHALL BE LOCATED SO THAT EACH INDIVIDUAL PLACEMENT DOES NOT EXCEED 60 FEET IN LENGTH. JOINTS SHALL BE PLACED AT POINTS OF MINIMUM SHEAR.
- CLEAN AND MOISTEN ALL CONSTRUCTION JOINTS IMMEDIATELY PRIOR TO PLACING FRESH CONCRETE.
- LAP WELDED WIRE REINFORCEMENT ONE FULL MESH PANEL (TYPICALLY) AND TWO FULL MESH PANELS (AT CONSTRUCTION JOINTS) AND TIE SECURELY.
- ALLOW THE OWNER'S TESTING AGENCY TO REVIEW THE REINFORCING PLACEMENT PRIOR TO PLACING ANY CONCRETE. PROVIDE ADEQUATE ADVANCE NOTICE.
- REFER TO ACI 305 FOR REQUIREMENTS FOR PLACING CONCRETE IN HOT WEATHER AND TO ACI 306 FOR REQUIREMENTS FOR PLACING CONCRETE IN COLD WEATHER.
- FOOTINGS HAVE BEEN DESIGNED FOR A SOIL BEARING PRESSURE OF 2,000 psf. BEARING STRATUM FOR THIS CAPACITY SHALL BE VERIFIED IN FIELD BY A LICENSED GEOTECHNICAL ENGINEER BEFORE CASTING CONCRETE FOOTINGS.
- UNLESS OTHERWISE NOTED, BOTTOM OF EXTERIOR FOOTINGS IS 5 FEET MINIMUM BELOW FINISH GRADE AND BOTTOM OF INTERIOR FOOTINGS IS 2 FEET MINIMUM BELOW SLAB. FOOTINGS MAY BE STEPPED DOWN OR LOWERED TO REACH AN ACCEPTABLE 2,000 PSF BEARING STRATUM AS DETERMINED BY GEOTECHNICAL ENGINEER.
- SOIL BEARING SURFACES PREVIOUSLY ACCEPTED BY GEOTECHNICAL ENGINEER WHICH ARE ALLOWED TO BECOME SATURATED, FROZEN, OR DISTURBED SHALL BE REWORKED TO SATISFACTION OF GEOTECHNICAL ENGINEER.
- WHERE FOOTING ELEVATIONS ARE LOWERED DUE TO SOIL CONDITIONS, LOWER ADJACENT FOOTINGS IN ELEVATION IN ORDER THAT RATIO OF CLEAR DISTANCE BETWEEN NEAREST EDGE OF FOOTINGS TO DIFFERENCE IN ELEVATION BETWEEN BOTTOMS OF FOOTINGS SHALL NOT EXCEED 2H:1V.
- FOUNDATION PREPARATION: REFER TO SPECIFICATIONS FOR "EXCAVATION, BACKFILL, AND COMPACTION (BUILDING AREA)."
- STRIP AND PROOF ROLL ENTIRE BUILDING AREA. PLACE AND COMPACT STRUCTURAL FILL TO REACH REQUIRED SUBGRADE LEVELS. VERIFY PROCEDURES WITH GEOTECHNICAL ENGINEER BEFORE BEGINNING. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- DO NOT PLACE FOOTINGS IN WATER OR ON FROZEN GROUND.
- DO NOT ALLOW GROUND BENEATH FOOTINGS TO FREEZE.
- CENTER FOOTINGS UNDER WALLS, PIERS, AND COLUMNS UNLESS NOTED OTHERWISE.
- WHERE REQUIRED, STEP NEW FOOTINGS UP OR DOWN IN RATIO OF TWO HORIZONTALS TO ONE VERTICAL TO JOIN EXISTING FOOTINGS.
- CONCRETE WALLS SHALL ATTAIN A MINIMUM STRENGTH OF 70%  $f_c$  BEFORE PLACING BACKFILL AGAINST THEM.
- PROVIDE CORNER BARS IN FOOTINGS, THE SAME SIZE AND NUMBER AS CONTINUOUS REINFORCEMENT. PROVIDE CLASS B LAP SPLICE WITH MAIN REINFORCEMENT, BUT NOT LESS THAN 2'-0".
- CAST STEPPED FOOTINGS MONOLITHICALLY.
- DOWEL CONCRETE WALLS AND PIERS INTO FOOTINGS WITH DOWELS THE SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWELS TO WITHIN 3 INCHES OF BOTTOM OF FOOTING, TERMINATED WITH A C.I. STANDARD 90 DEGREE HOOK. PROVIDE CLASS B LAP SPLICE WITH VERTICAL REINFORCEMENT UNLESS NOTED OTHERWISE.
- AT INTERSECTIONS OF CONCRETE WALLS, PROVIDE CORNER BARS IN OUTER LAYER THE SAME SIZE AND SPACING AS HORIZONTAL REINFORCEMENT AND PROVIDE A CLASS B LAP SPLICE WITH MAIN REINFORCEMENT, BUT NOT LESS THAN 2'-0". AT "T" INTERSECTIONS, PROVIDE CORNER BARS FROM EACH LAYER IN INTERSECTING WALL TO OUTER LAYER OF THROUGH WALL.
- PROVIDE KEYS IN CONCRETE WALLS, GRADE BEAMS, AND FOOTINGS AT VERTICAL CONSTRUCTION JOINTS UNLESS NOTED OTHERWISE. KEYS SHALL BE 1 1/2 INCHES DEEP AND THE WIDTH OF THE KEY SHALL BE ONE-THIRD THE WALL THICKNESS AND CENTERED WITHIN THE WALL.
- CAST CONCRETE PIERS AND COLUMNS IN CONCRETE WALLS MONOLITHICALLY WITH WALLS.
- ALIGN FOUNDATION WALL CONSTRUCTION JOINTS WITH MASONRY WALL CONTROL JOINTS.
- VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS.
- PIPING, CONDUIT, AND DUCT PENETRATIONS THROUGH STRUCTURAL SLABS AND WALLS SHALL BE SLEEVED OR CHASED. NO CORE-DRILLING OF SLABS OR WALLS IS PERMITTED. PENETRATIONS ARE NOT PERMITTED THROUGH COLUMNS, PIERS, BEAMS, GRADE BEAMS, AND JOISTS.
- CHAMFER EXPOSED CONCRETE CORNERS AND EDGES 3/4 INCH UNLESS NOTED OTHERWISE.
- REMOVE ALL ORGANIC AND UNSUITABLE MATERIAL PRIOR TO PLACING FILL. PLACE FILL IN HORIZONTAL LIFTS NOT TO EXCEED 8 INCHES IN LOOSE THICKNESS AND COMPACT TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT. IF ACCEPTABLE TO THE OWNER'S GEOTECHNICAL ENGINEER, ON-SITE MATERIALS THAT MEET PROJECT SPECIFICATION REQUIREMENTS MAY BE USED FOR ENGINEERED FILL IF MAINTAINED AT OPTIMUM MOISTURE CONTENT AND COMPACTED TO THE ABOVE CRITERIA. SELECT BORROW MATERIALS WILL BE REQUIRED WHEN ON-SITE MATERIALS ARE UNSUITABLE OR CANNOT BE COMPACTED TO THE CRITERIA STATED ABOVE.
- BACKFILL AGAINST FOUNDATION WALLS BELOW GRADE SO THAT THE DIFFERENCE IN THE FILL LEVEL ON OPPOSITE SIDES OF THE WALL DOES NOT EXCEED 1'-0" AT ANY TIME. COMPACT TO 92% MODIFIED PROCTOR DENSITY. BRACE ALL FOUNDATION WALLS AND GRADE BEAMS DURING THE OPERATION OF BACKFILLING AND COMPACTION. LEAVE BRACING IN POSITION UNTIL PERMANENT RESTRAINTS BECOME EFFECTIVE.
- ALLOW THE OWNER'S GEOTECHNICAL ENGINEER TO INSPECT ALL FINISHED EXCAVATIONS AND BEARING SUBGRADES BEFORE PLACING CONCRETE. DO NOT PLACE CONCRETE IN ANY EXCAVATION CONTAINING FREE WATER, FROST, ICE OR FROZEN GROUND. PROVIDE ALL MEASURES NECESSARY TO PREVENT FROST OR ICE FROM PENETRATING ANY FOOTING OR SLAB SUBGRADE, BOTH BEFORE AND AFTER CONCRETE PLACEMENT AND UNTIL SUCH SUBGRADES ARE FULLY PROTECTED BY THE PERMANENT BUILDING STRUCTURE.
- USE SIDE FORMS FOR ALL FOOTINGS. CLEAN REINFORCEMENT IMMEDIATELY PRIOR TO PLACING CONCRETE. PLACE THE CONCRETE FOR EACH FOOTING IN ONE CONTINUOUS POUR.
- ALL PIERS AND FOOTINGS SHALL BE CENTERED ON THE COLUMN LINES UNLESS OTHERWISE NOTED.
- COORDINATE JOINTS WITH FINISHED FLOOR JOINTS.
- SLOPE SLAB TO FLOOR DRAINS. REFER TO PLUMBING DRAWINGS.
- PROVIDE ONLY CONCRETE AND REINFORCING MATERIALS OF THE TYPES AND GRADES LISTED BELOW:  
ALL CONCRETE REINFORCING:  
TYPICAL BARS, WELDED BARS, AND WELDED WIRE REINFORCEMENT - GRADE ASTM A615, GRADE 60 ASTM A706, AND GRADE 60 ASTM A1064.  
UNIT WEIGHT = 150 PCF  
 $F_c$  = 4000 PSI

**WOOD FRAMING NOTES**

- ALL WOOD CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" BY THE AMERICAN WOOD COUNCIL AND TO LOCAL BUILDING CODES.
- ALL WOOD IN THESE BUILDINGS MUST BE NON-TROPICAL, REUSED OR RECLAIMED, OR CERTIFIED BY THE FOREST STEWARDSHIP COUNCIL, OR USRBC-APPROVED EQUIVALENT.
- ALL LUMBER IN DIRECT CONTACT WITH CONCRETE TO BE PRESSURE TREATED. PRESERVATIVE TREATED WOOD MEMBERS SHALL BE NO. 2 GRADE AND BETTER SOUTHERN YELLOW PINE.
- ALL FASTENERS INTO OR IN CONTACT WITH PRESSURE TREATED MATERIAL, INCLUDING, ANCHOR BOLTS, HANGERS, NAILS, ETC. TO BE DOUBLE DIP GALVANIZED OR STAINLESS STEEL.
- ALL WOOD MEMBERS SHALL BE OF ANY SPECIES AND GRADE MEETING OR EXCEEDING STRESS GRADING REQUIREMENTS AS FOLLOWS:
 

	BENDING (FB)	SHEAR (FV)	MODULUS OF ELASTICITY (E)
A. SELECT/STRUCTURAL	1250 PSI	70 PSI	1,500,000 PSI
B. NO. 1/NO.2	875 PSI	70 PSI	1,400,000 PSI
C. NO.3	500 PSI	70 PSI	1,200,000 PSI
- ALL PRESERVATIVE TREATED WOOD MEMBERS SHALL BE NO. 2 GRADE AND BETTER SOUTHERN PINE.
- CONTINUITY IN FRAMING SHALL BE PROVIDED AT ALL BEARING WALLS IN ORDER TO TRANSFER THE LOADS TO THE FOUNDATION OR OTHER FRAMING. FULL DEPTH BLOCKING SHALL BE USED IN THE FLOOR FRAMING UNDER WOOD POST OR BUILT-UP STUDS TO PROVIDE FULL BEARING THROUGH FRAMING. DOUBLE JOIST SHALL BE USED UNDER ALL PARTITIONS PARALLEL TO JOIST.
- ALL WOOD HEADERS AT BEARING WALLS SHALL BE A MINIMUM OF 3-2X12 UNLESS OTHERWISE NOTED ON PLANS. WOOD MEMBERS USED FOR HEADERS OR BUILT-UP BEAMS SHALL NOT HAVE CHECKS OR SPLITS LONGER THAN THE WIDE FACE WIDTH.
- JOIST HANGERS USED FOR FLUSH FRAMING SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
- LAMINATED VENEER LUMBER (LVL) AND PARALLEL STRAND LUMBER (PSL) DESIGN, FABRICATION AND CONSTRUCTION SHALL BE ESTABLISHED AND MONITORED IN ACCORDANCE WITH ASTM D 5456. PREFABRICATED WOOD I-JOISTS, STRUCTURAL CAPACITIES AND DESIGN PROVISIONS FOR PREFABRICATED WOOD I-JOISTS SHALL BE ESTABLISHED AND MONITORED IN ACCORDANCE WITH ASTM D 5055. ENGINEERED WOOD RIM BOARD. ENGINEERED WOOD RIM BOARDS SHALL CONFORM TO ANSI/APA PRR 410 OR SHALL BE EVALUATED IN ACCORDANCE WITH ASTM D 7672. STRUCTURAL CAPACITIES SHALL BE IN ACCORDANCE WITH ANSI/APA PRR 410 OR ESTABLISHED IN ACCORDANCE WITH ASTM D 7672. RIM BOARDS CONFORMING TO ANSI/APA PRR 410 SHALL BE MARKED IN ACCORDANCE WITH THAT STANDARD. ENGINEERED WOOD PRODUCTS, LVL AND PSL SHALL MEET OR EXCEED ALLOWABLE DESIGN STRESSES AS FOLLOWS:
 

	BENDING (FB)	SHEAR (FV)	MODULUS OF ELASTICITY (E)
A. 2600 PSI	285 PSI	1,900,000 PSI	
B. 2600 PSI	285 PSI	1,900,000 PSI	
C. (USE SIZE FACTOR ADJUSTMENT)			
- PLYWOOD SHEATHING SHALL BE APA RATED SHEATHING EXPOSURE. ALL PLYWOOD WHICH HAS ANY EDGE OR SURFACE PERMANENTLY EXPOSED TO THE WEATHER SHALL BE EXTERIOR TYPE. PANEL THICKNESS SHALL BE AS SHOWN ON PLANS AND MINIMUM PANEL SPAN RATING SHALL BE 48/24 FOR FLOORS, 40/20 FOR ROOFS AND 32/16 FOR SIDE WALLS. ALL PLYWOOD ROOF SHEATHING SHALL HAVE PLYCLIPS AT MID SPAN. APPLICATIONS SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS OF THE AMERICAN PLYWOOD ASSOCIATION.
- HURRICANE CLIPS AT ALL WOOD TRUSSES TO BE EQUAL TO SIMPSON STRONG-TIE MODEL H1.
- WALL SHALL BE BRACED WITH A CONTINUOUS LAYER OF 7/16" OSB SHEATHING FASTENED IN ACCORDANCE WITH TABLE R602.10.4. BLOCKING PER R602.10.10, EXCEPTION 3.
- BRACED WALL LINES ARE ACHIEVED USING 7/16" OSB SHEATHING (METHOD 3) OR GYPSUM PANEL OF 1/2" OR GREATER THICKNESS (METHOD 5) FASTENED PER TABLE R602.3(2).
- WINDOWS SHALL BE DESIGNED TO RESIST WIND LOADS INDICATED ON TABLE R301.2(2), WITH HEIGHT AND EXPOSURE ADJUSTMENTS FROM THE TABLE R301.2(3) PER THE RESIDENTIAL CODE OF NYS. (SEE TABLE R301.2(2))
- AFFIX A SIGN OR SYMBOL SATISFACTORY TO THE BUILDING CODE OFFICIAL ADJACENT TO THE ELECTRIC METER ON THE BUILDING EXTERIOR INDICATING THAT THE STRUCTURE HAS BEEN CONSTRUCTED WITH PRE-ENGINEERED WOOD TRUSSES.

**EXCAVATION NOTES**

- REFER TO DIVISION 31 SPECIFICATIONS SECTION - EARTH MOVING FOR BUILDINGS AND STRUCTURES FOR REQUIREMENTS IN ADDITION TO THOSE LISTED BELOW.
- EXCAVATION MAY PROCEED BY CONVENTIONAL METHODS TO WITHIN 2.5 FEET OF THE PROPOSED FINAL SUBGRADES. PERFORM EXCAVATION TO FINAL SUBGRADE USING A BACKHOE EQUIPPED WITH A SMOOTH BLADE TO MINIMIZE DISTURBANCE OF THE BEARING SUBGRADE.
- DO NOT EXTEND THE GENERAL EXCAVATION ACROSS THE SITE DEEPER THAN 1'-0" BELOW THE SLAB-ON-GROUND SUBGRADE ELEVATION. PERFORM THE EXCAVATIONS FOR SPREAD FOOTINGS, MATS, PITS, ETC. ON AN INDIVIDUAL, LOCALIZED BASIS DOWN FROM THE SLAB-ON-GROUND SUBGRADE ELEVATION.
- PROVIDE POSITIVE PROTECTION FOR ALL EXCAVATION SLOPES AGAINST INSTABILITY AND DETERIORATION DUE TO RAIN, WIND, SNOW OR ICE.
- RETAIN THE PERIMETER OF THE GENERAL EXCAVATION WITH A SOIL RETENTION SYSTEM AS NECESSARY. THE DESIGN, INSTALLATION, MAINTENANCE AND REMOVAL OF THE SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR. PROVIDE ALL MEASURES AND PRECAUTIONS NECESSARY TO MINIMIZE SETTLEMENT OF EXISTING OR NEW CONSTRUCTION INSIDE OR OUTSIDE OF THE PROJECT LIMITS. REPAIR ANY DAMAGE TO NEW OR EXISTING CONSTRUCTION INSIDE OR OUTSIDE PROJECT LIMITS CAUSED BY CONSTRUCTION TECHNIQUES OR MOVEMENTS OF THE SOIL RETENTION SYSTEM.
- THE EXPOSED SUBGRADE SOILS MAY BE SENSITIVE TO DISTURBANCE AND STRENGTH DEGRADATION WHEN HIGH MOISTURE CONTENTS ARE PRESENT. MINIMIZE CONSTRUCTION TRAFFIC OVER EXPOSED SUBGRADES. DO NOT POND WATER ON THE SUBGRADES. CONTROL SURFACE AND GROUND WATER BY PROPER SITE GRADING, PERIMETER CUTOFF TRENCHES, AND SUMP AND PUMP METHODS OF DEWATERING. CONSTRUCT ALL CUTOFF TRENCHES AND SUMPS OUTSIDE THE INFLUENCE OF PROPOSED FOUNDATIONS.

**DESIGN DATA**

- CODES AND STANDARDS:**
- 2020 BUILDING CODE OF NEW YORK STATE.
  - ACE STANDARD 7-16 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
  - AI 318-14 BUILDING CODE REQUIREMENTS FOR STANDARD CONCRETE.
  - AI 318-14 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES.
  - BASIC 360-16 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDING.

**DESIGN DATA:**

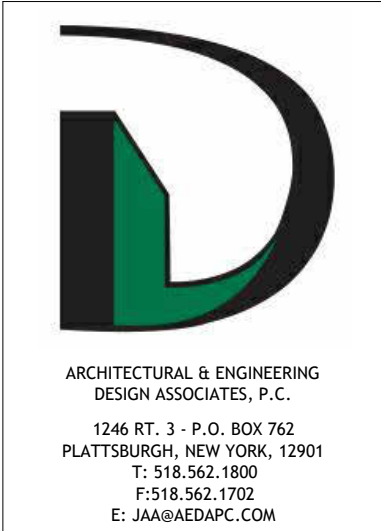
- SNOW LOADS**

A. GROUND SNOW LOAD $P_g$ :	60 PSF
B. SNOW EXPOSURE FACTOR:	B
C. IMPORTANCE FACTOR:	4
D. THERMAL FACTOR:	1.1
- FLOOR LIVE LOADS**

A. OFFICE:	40 PSF
------------	--------
- WIND LOADS**

A. BASIC WIND SPEED:	20 MPH
B. IMPORTANCE FACTOR:	4
C. WIND EXPOSURE CATEGORY:	B
- SEISMIC DESIGN**

A. DESIGN CATEGORY:	C
B. SPECTRAL RESPONSE COEFFICIENT:	0.53
C. IMPORTANCE FACTOR:	4
D. SITE CLASS:	C
E. SEISMIC FORCE RESISTING SYSTEM:	SHEAR WALLS
F. RESPONSE MODIFICATION COEFFICIENT:	R=0.0
G. ANALYSIS PROCEDURE:	EQUIVALENT LATERAL FORCE METHOD
- SOIL BEARING PRESSURE ON COMPACT STRUCTURAL FILL OR EXISTING SUBGRADE:** 2000 PSI
- SLAB ON GRADE MODULUS OF SUBGRADE REACTION:** 150 PCI



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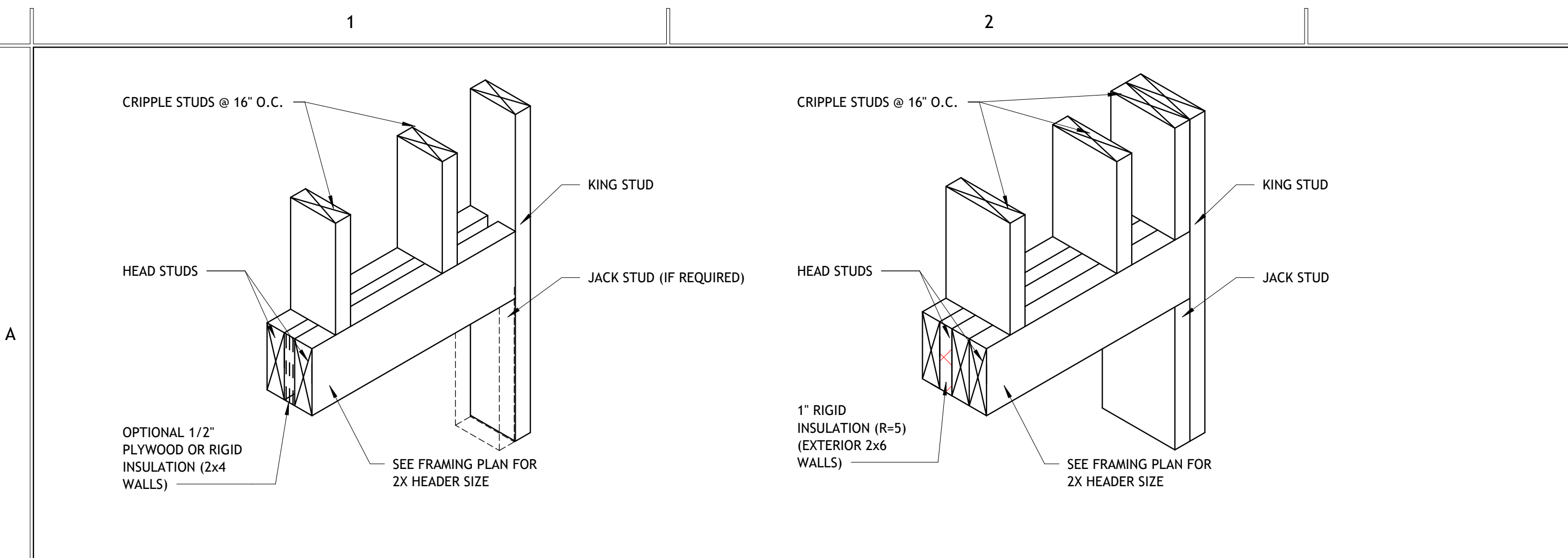


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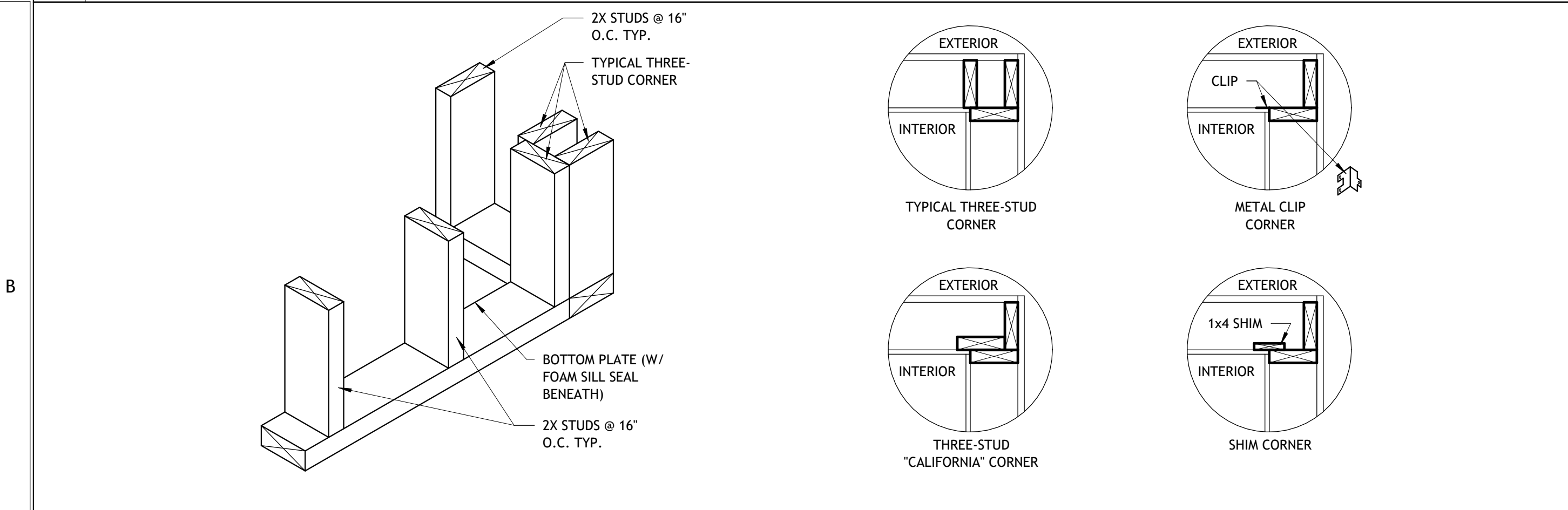
**STRUCTURAL NOTES**

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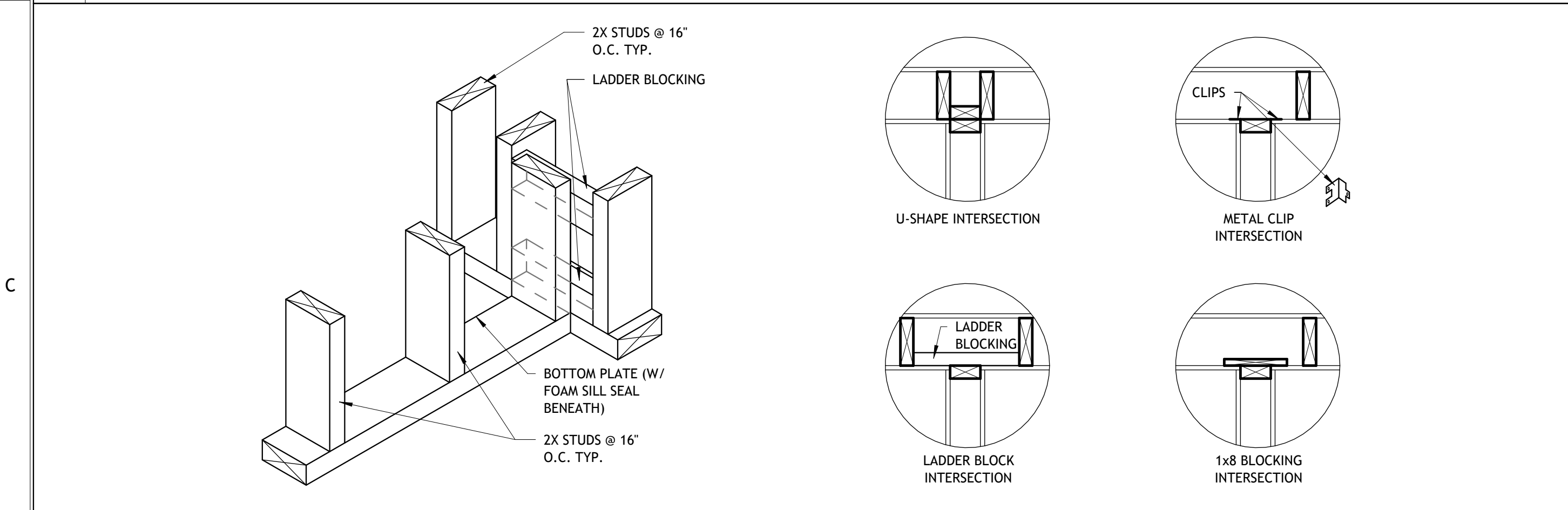
**S001**



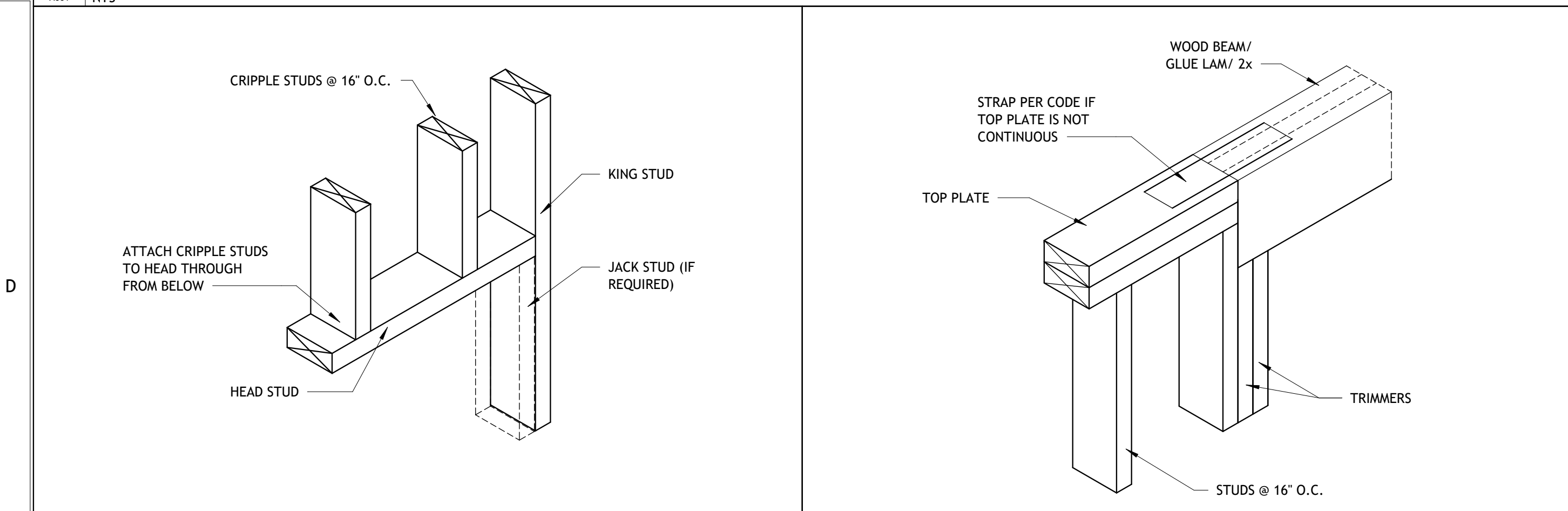
**A1 FRAMED OPENING DETAIL (STRUCTURAL) WOOD**  
A001 NTS



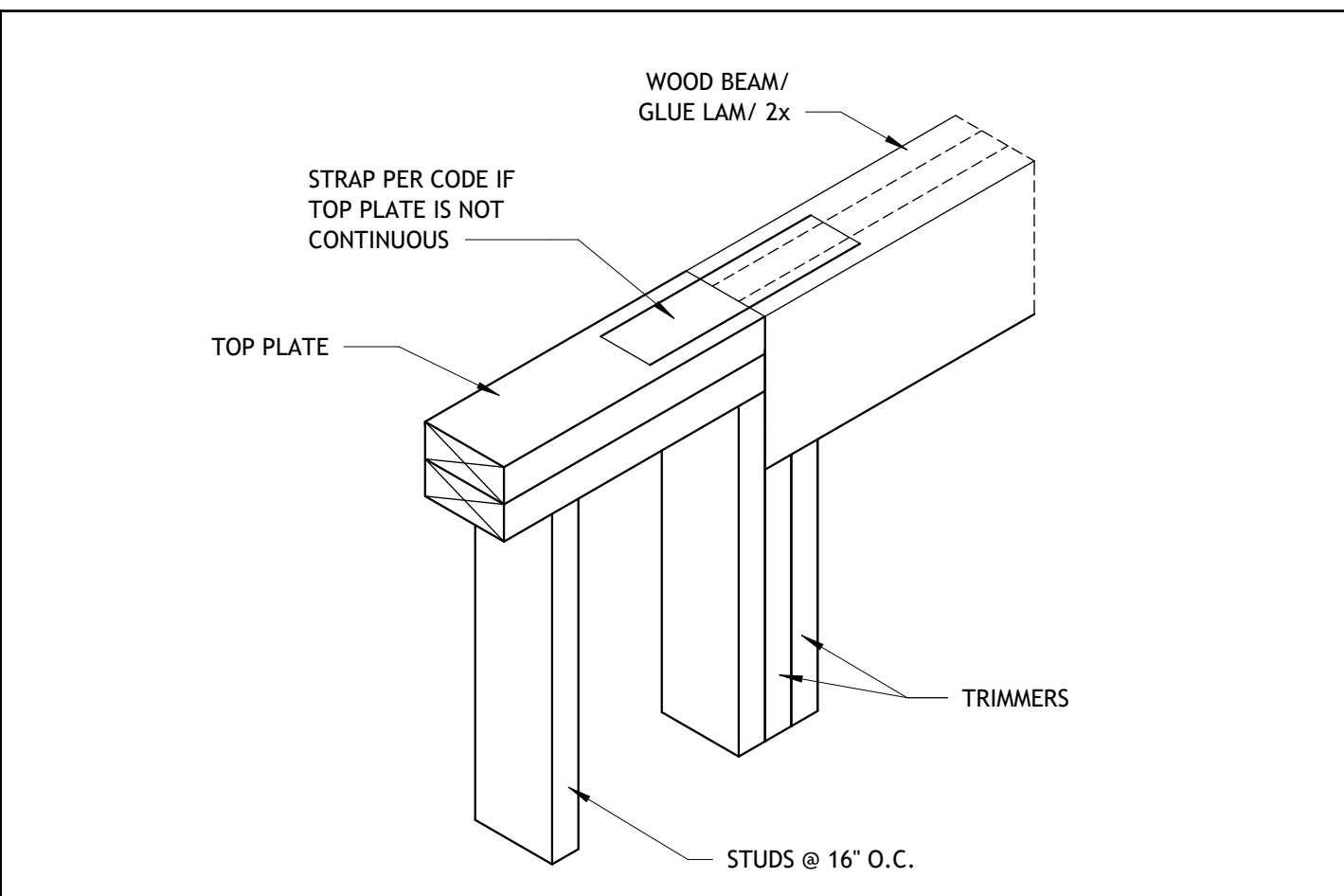
**B1 WOOD FRAMED WALL CORNER CONDITIONS**  
A001 NTS



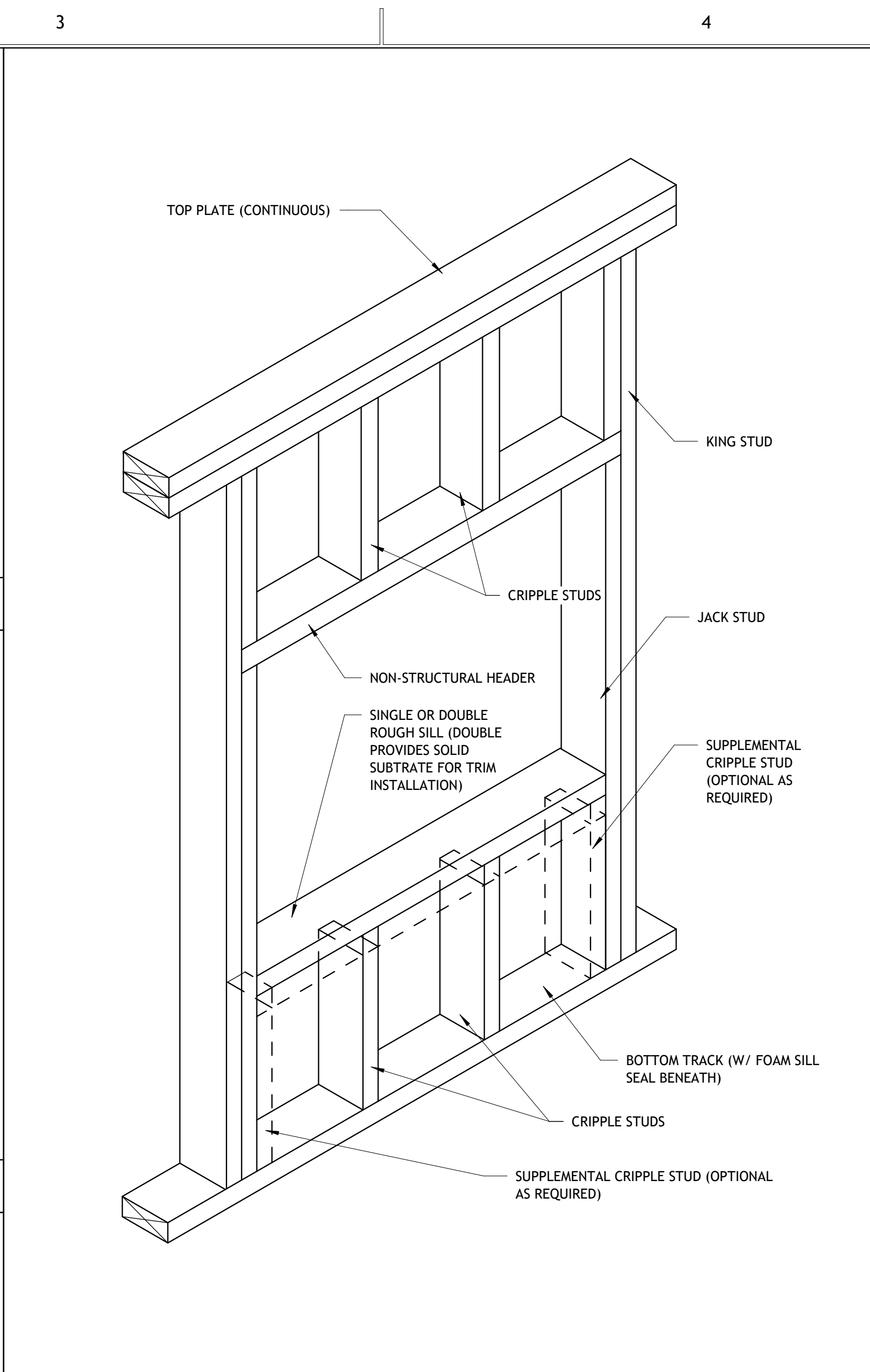
**C1 WOOD FRAMED WALL INTERSECTION CONDITIONS**  
A001 NTS



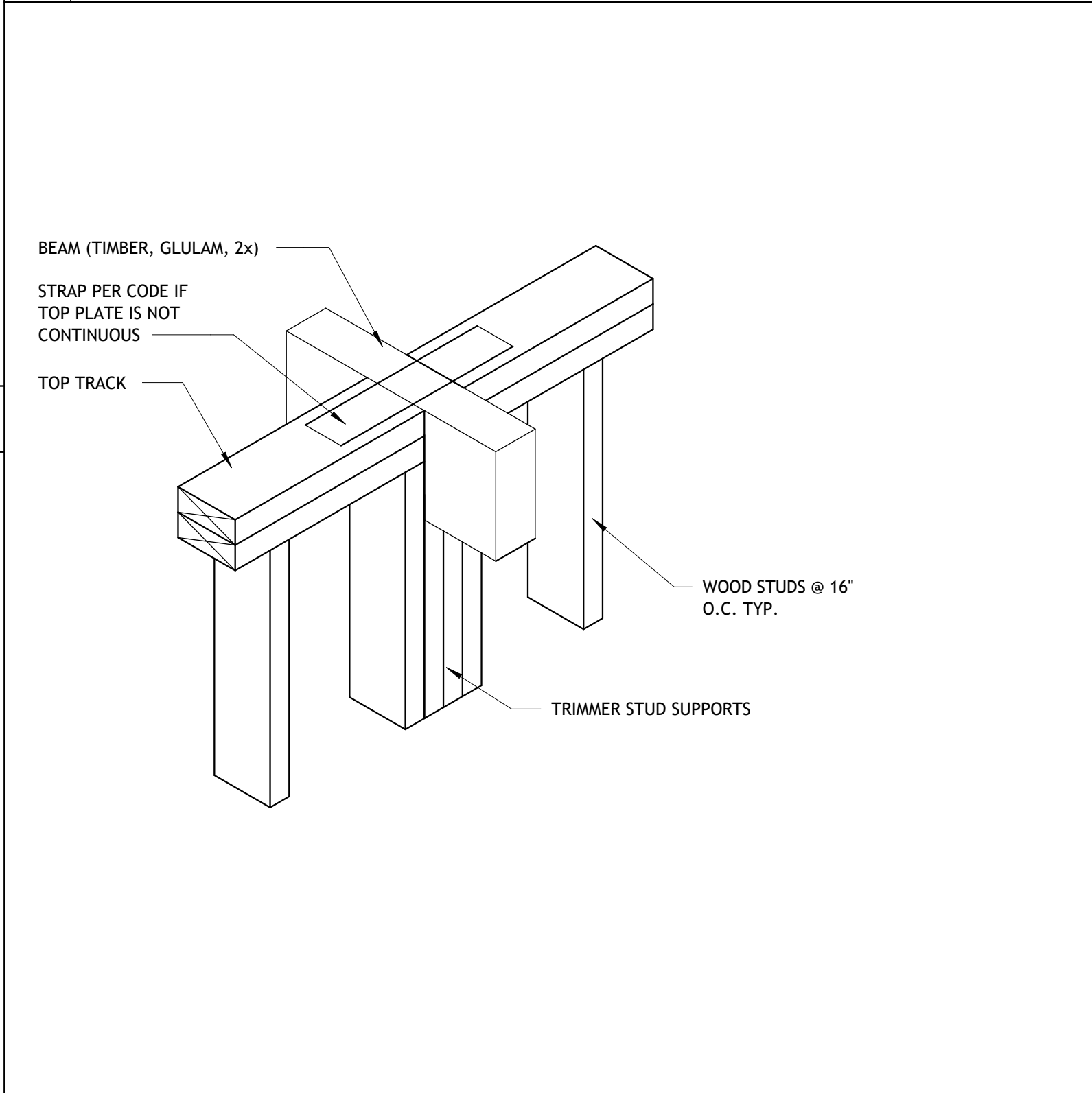
**D1 FRAMED OPENING DETAIL (NON BEARING) WOOD**  
A001 NTS



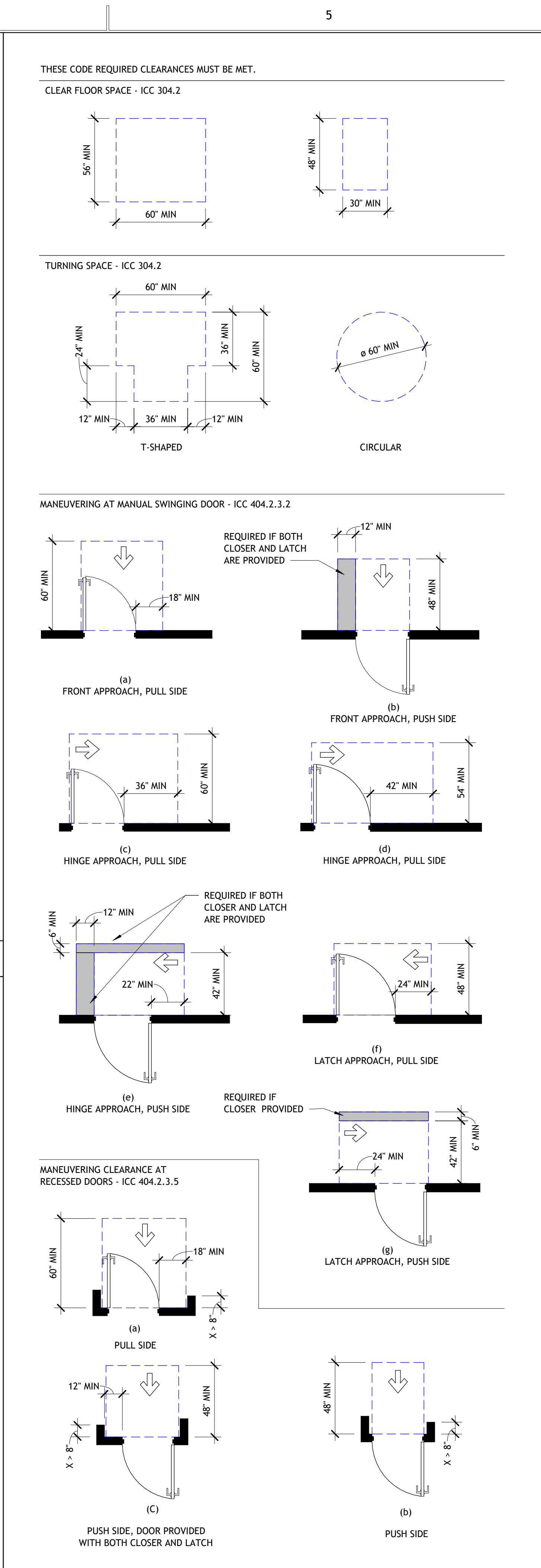
**D2 WOOD STUD BEAM SUPPORT PARALLEL (STRUCTURAL)**  
A001 NTS



**C3 WOOD STUD WINDOW FRAMING DETAIL**  
A001 NTS



**D3 WOOD STUD BEAM SUPPORT PERPENDICULAR (STRUCTURAL)**  
A001 NTS



**D4 ACCESSIBILITY LEGEND**  
A001 1/4" = 1'-0"

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**ACCESSIBILITY LEGEND & WOOD FRAMING DETAILS**

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**A001**

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1

2

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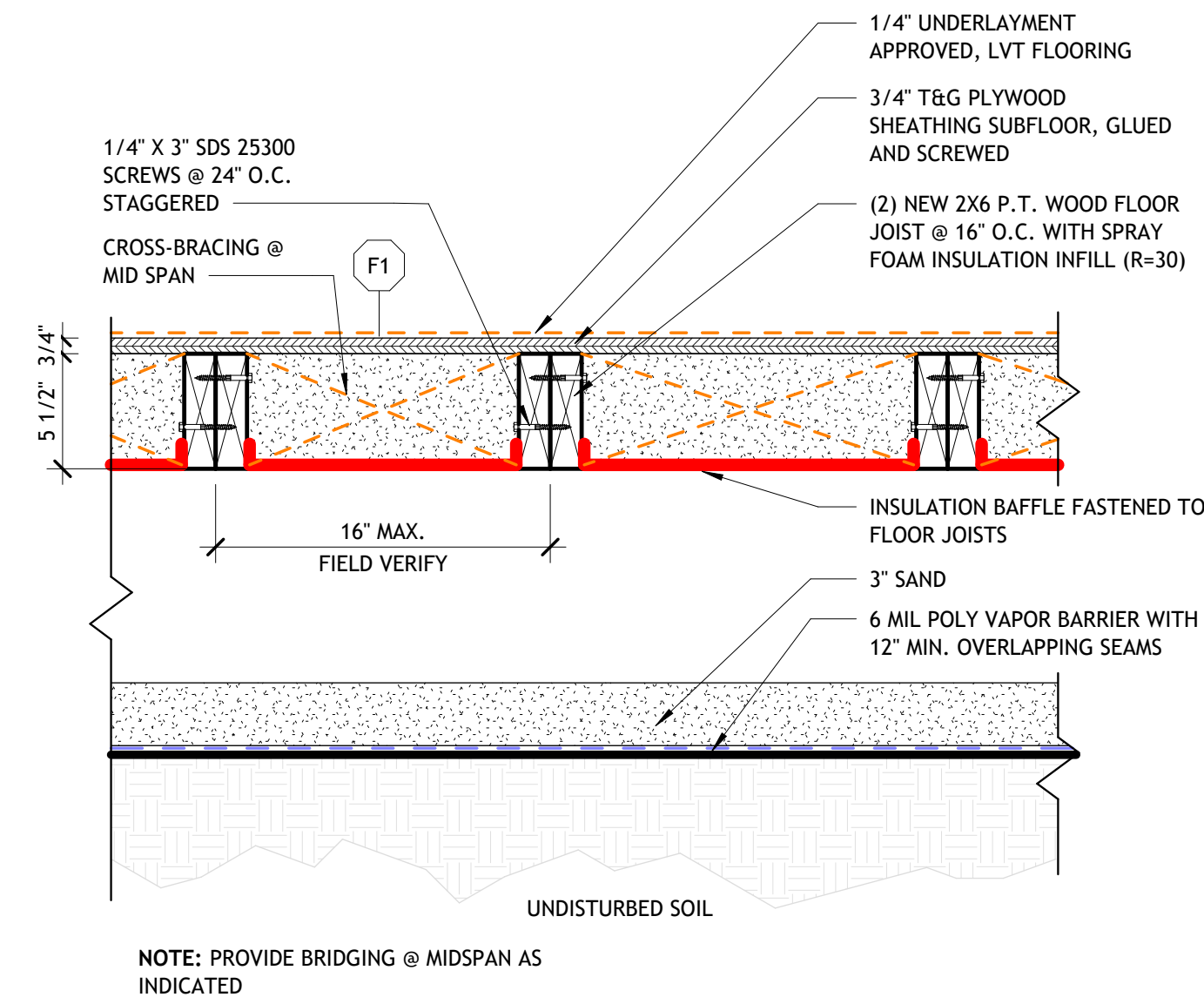
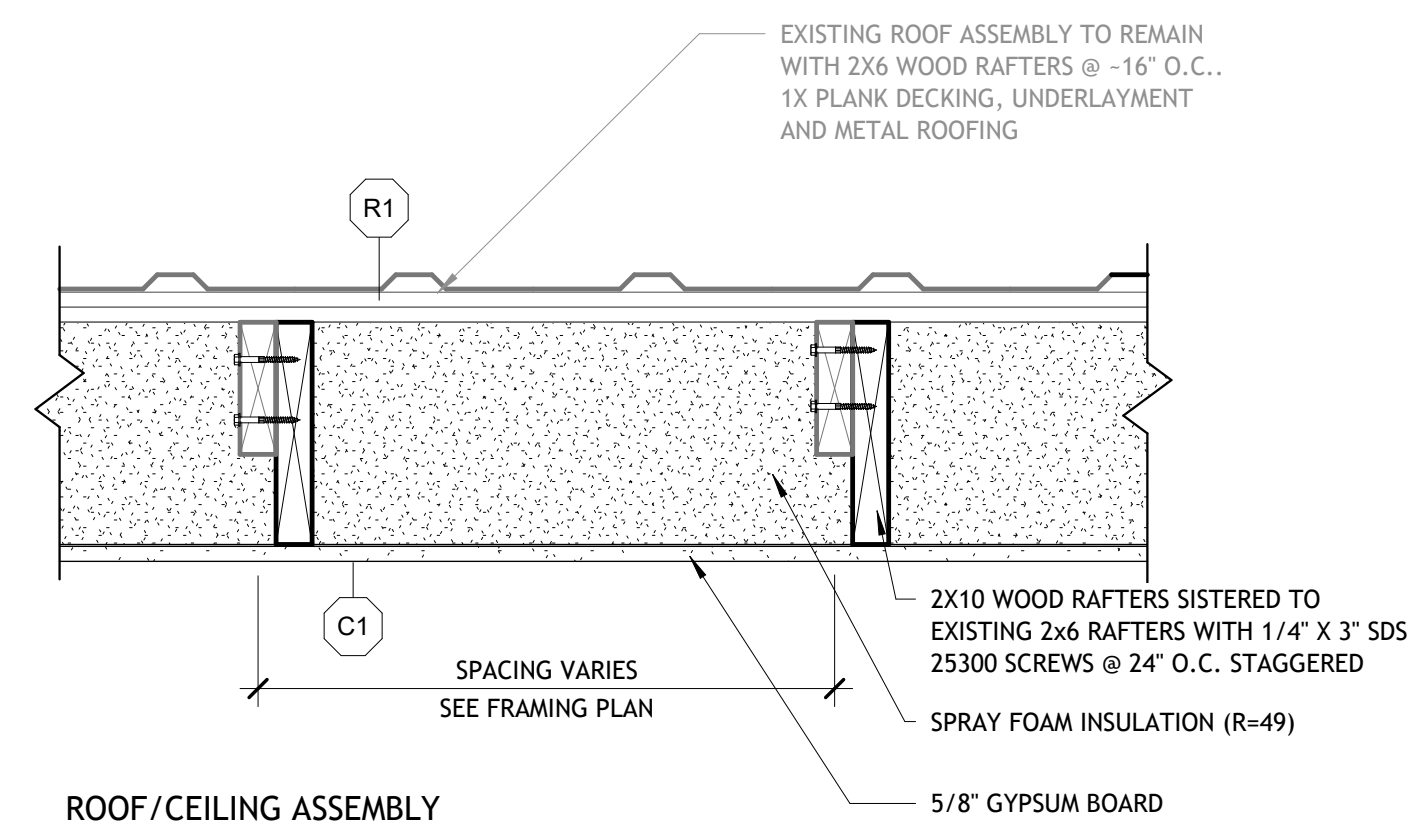
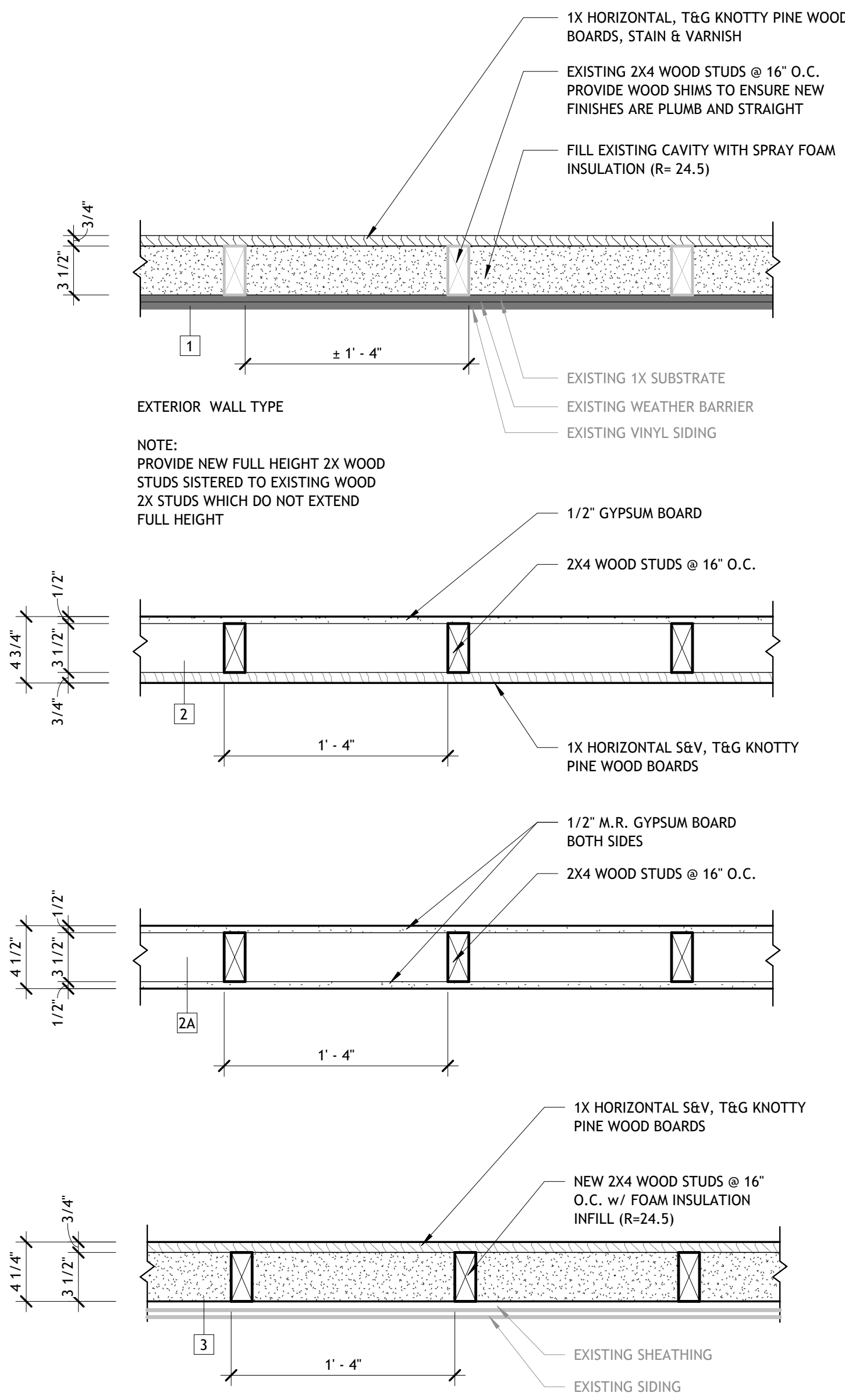
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A

B

C

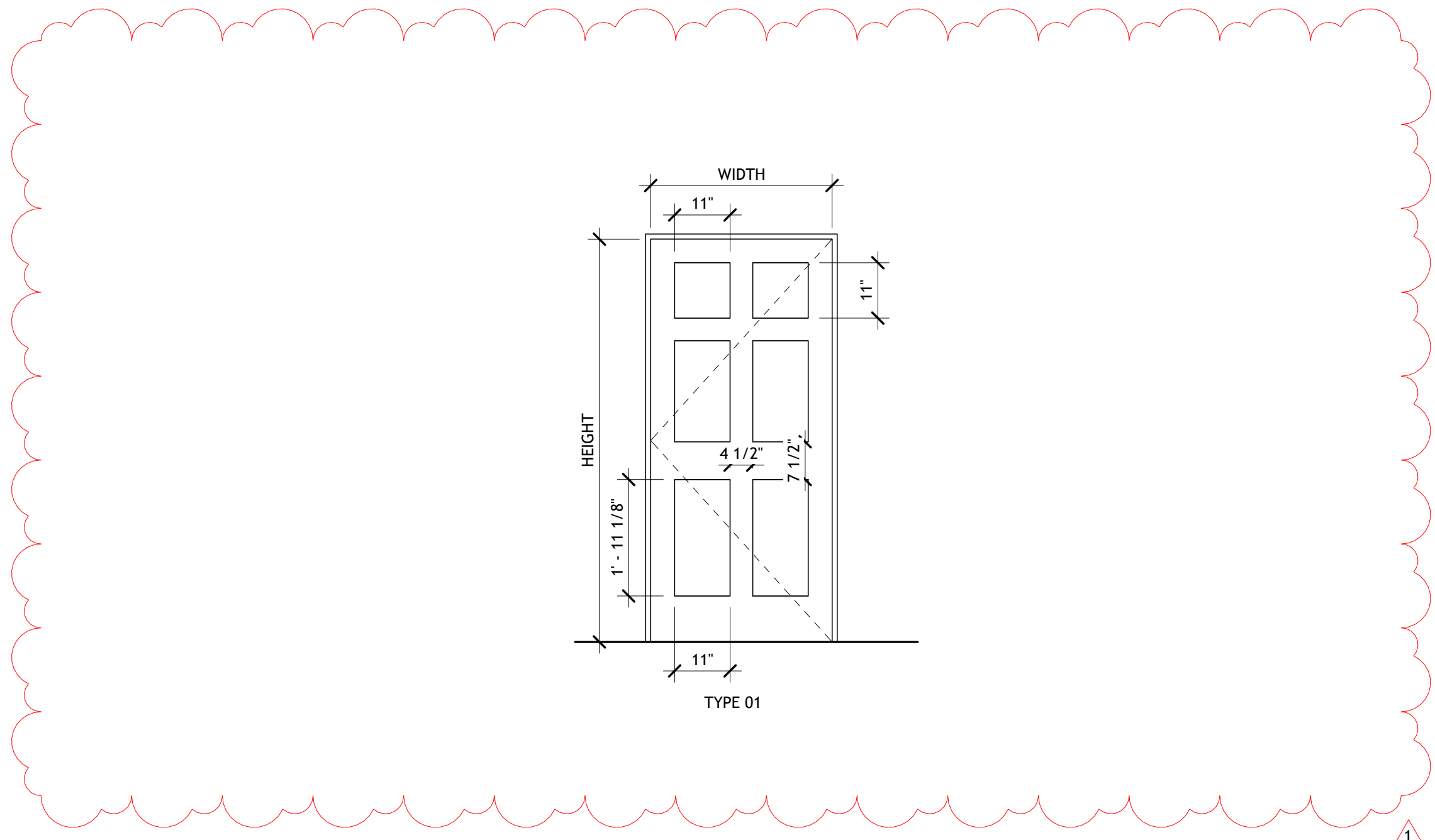
D



**D3 HORIZONTAL ASSEMBLIES**

A100 1 1/2" = 1'-0"

**DOOR LEGEND**



**D1 WALL TYPES**

A100 1 1/2" = 1'-0"

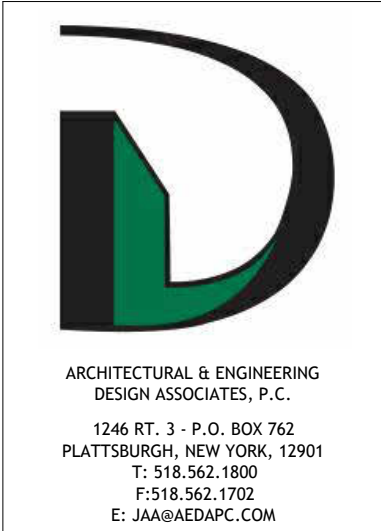
1

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**WALL AND HORIZONTAL ASSEMBLIES**

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**A100**

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**WINDOW SCHEDULE**

TYPE	MANUFACTURER	MODEL	UNIT		ROUGH OPENING		MATERIAL	FINISH	GLAZING		HEAD HEIGHT	COMMENTS
			WIDTH	HEIGHT	RO WIDTH	RO HEIGHT			THICKNESS	TYPE		
A	Pella Corporation	350 Series	2' - 6 1/2"	5' - 5 1/2"	2' - 7"	5' - 6"	MATCH EXISTING	MATCH EXISTING			7' - 8"	OR APPROVED EQUAL
T	Andersen Corporation	100-Series Awning	2' - 5 1/2"	1' - 11 1/2"	2' - 6"	2' - 0"					6' - 8 1/16"	OR APPROVED EQUAL

NOTE: CONTRACTOR TO PROVIDE SPECIFIED MODELS OR APPROVED EQUAL

**DOOR SCHEDULE**

MARK	TYPE	DOOR			FRAME		FIRE RATING	COMMENTS
		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH		
01	01	3' - 0"	7' - 0"	1 3/8"	INSULATED METAL (6 PANEL)	PAINTED		SEE HARDWARE GROUP/NOTES
02	01	3' - 0"	6' - 8"	1 3/8"	WOOD (6 PANEL)	S&V WOOD	WOOD	SEE HARDWARE GROUP/NOTES
03	01	3' - 0"	6' - 8"	1 3/8"	WOOD (6 PANEL)	S&V WOOD	WOOD	MATCH EXISTING
04	01	3' - 0"	6' - 8"	1 3/8"	WOOD (6 PANEL)	S&V WOOD	WOOD	SEE HARDWARE GROUP/NOTES
05	01	2' - 4"	6' - 8"	1 3/8"	WOOD (6 PANEL)	S&V WOOD	WOOD	SEE HARDWARE GROUP/NOTES

NOTE: CONTRACTOR TO PROVIDE SPECIFIED MODELS OR APPROVED EQUAL

**ROOM FINISH SCHEDULE**

ROOM NUMBER	ROOM NAME	AREA	WALL FINISH				FLOOR FINISH	BASE FINISH	CEILING FINISH	COMMENTS
			NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL				
101	NEW OPEN OFFICES	322 SF	S&V WOOD	S&V WOOD	S&V WOOD	S&V WOOD	LVT	4" S&V WOOD	PAINTED GWB	
102	STORAGE CLO.	44 SF	PAINTED GWB	PAINTED GWB	PAINTED GWB	PAINTED GWB	LVT	4" S&V WOOD	PAINTED GWB	
103	UNISEX	50 SF	PAINTED GWB	PAINTED GWB	PAINTED GWB	PAINTED GWB	LVT	4" S&V WOOD	PAINTED GWB	
104	CLOSET	8 SF	PAINTED GWB	PAINTED GWB	PAINTED GWB	PAINTED GWB	LVT	4" S&V WOOD	PAINTED GWB	

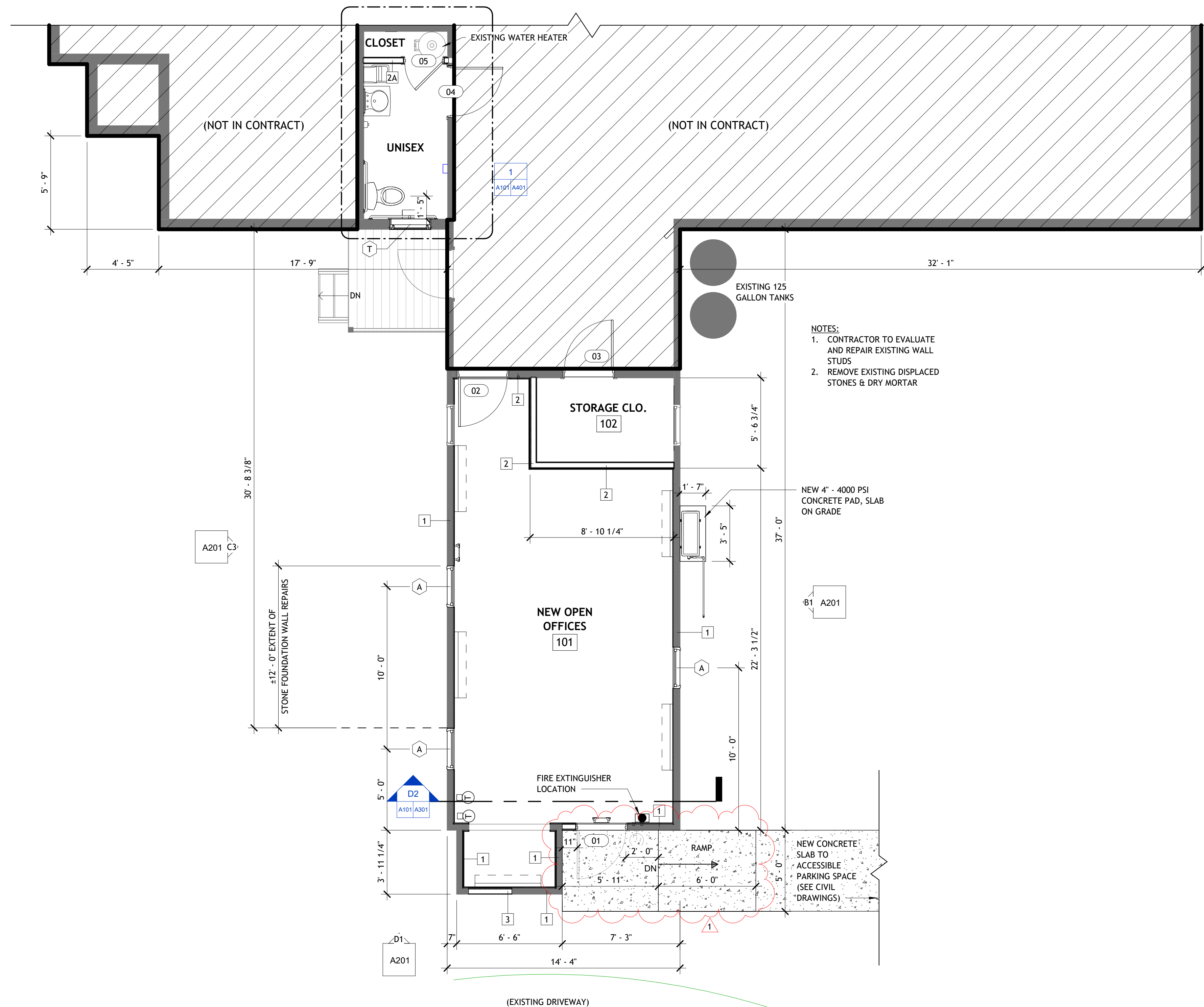
**DOOR HARDWARE NOTES**

- DOOR HARDWARE PACKAGE TO BE APPROVED THROUGH SUBMITTAL PROCESS.
- ALL LOCKSETS TO BE INSTALLED WITH CONSTRUCTION CORES, LOCKSETS FURNISHED SHALL ACCEPT BEST INTERCHANGEABLE, 7-PIN LOCKSETS, OWNER TO FURNISH BEST CORES. BEST CORES ARE SMALL FORMAT KEYWAY. PROVIDE LEVERS/LOCKSETS COMPATIBLE WITH SMALL FORMAT KEYWAY.
- ALL HARDWARE FINISHES TO BE 619 US15, SATIN NICKEL PLATED.
- PROVIDE LISTED MANUFACTURERS OR APPROVED EQUAL.
- ALL ACCESSIBLE LOCKSETS TO BE LEVER TRIM DESIGN EQUAL TO CORBIN RUSSWIN, ARMSTRONG AZD.

**DOOR HARDWARE GROUP**

**DOOR 01-**  
 HINGES: STANLEY - FBB168 - 4-1/2" X 4-1/2"  
 LOCKSET: CORBIN RUSSWIN - #CL3151 ENTRY/OFFICE CLOSURE: DORMA - 8616 SERIES  
 PLATES: ROCKWOOD - K1050 - 8" HIGH  
 THRESHOLD: NGP - 950N  
 WEATHERSTOPPING: NGP - 200NA - 200NA DOOR SWEEP

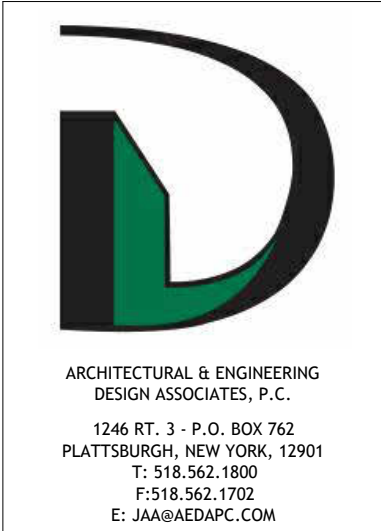
**DOOR 02,04,05-**  
 HINGES: STANLEY - FBB179 - 4-1/2" X 4-1/2"  
 LOCKSET: CORBIN RUSSWIN - #CL3151 ENTRY/OFFICE CLOSURE: DORMA - 8916 SERIES (HEAVY DUTY)  
 PLATES: ROCKWOOD - K1050 - 8" HIGH  
 THRESHOLD: NGP - 950N  
 DOOR STOPS: ROCKWOOD - 409 - WALL STOP



- NOTES:
- CONTRACTOR TO EVALUATE AND REPAIR EXISTING WALL STUDS
  - REMOVE EXISTING DISPLACED STONES & DRY MORTAR

NEW 4" - 4000 PSI CONCRETE PAD, SLAB ON GRADE

NEW CONCRETE SLAB TO ACCESSIBLE PARKING SPACE (SEE CIVIL DRAWINGS)



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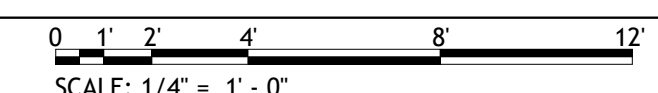
**PARTIAL FIRST FLOOR PLAN**

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 DATE 03-31-25  
 DRAWN BY LKT  
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**A101**

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D1 PARTIAL FIRST FLOOR PLAN  
 A101 1/4" = 1'-0"

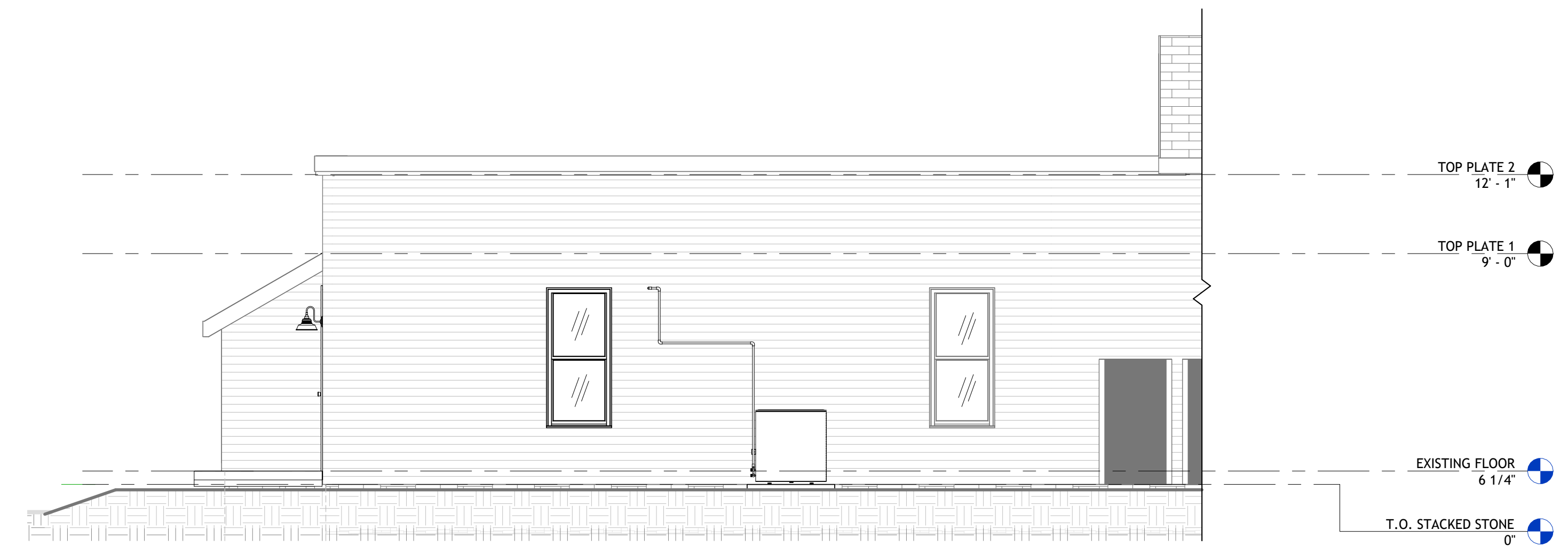


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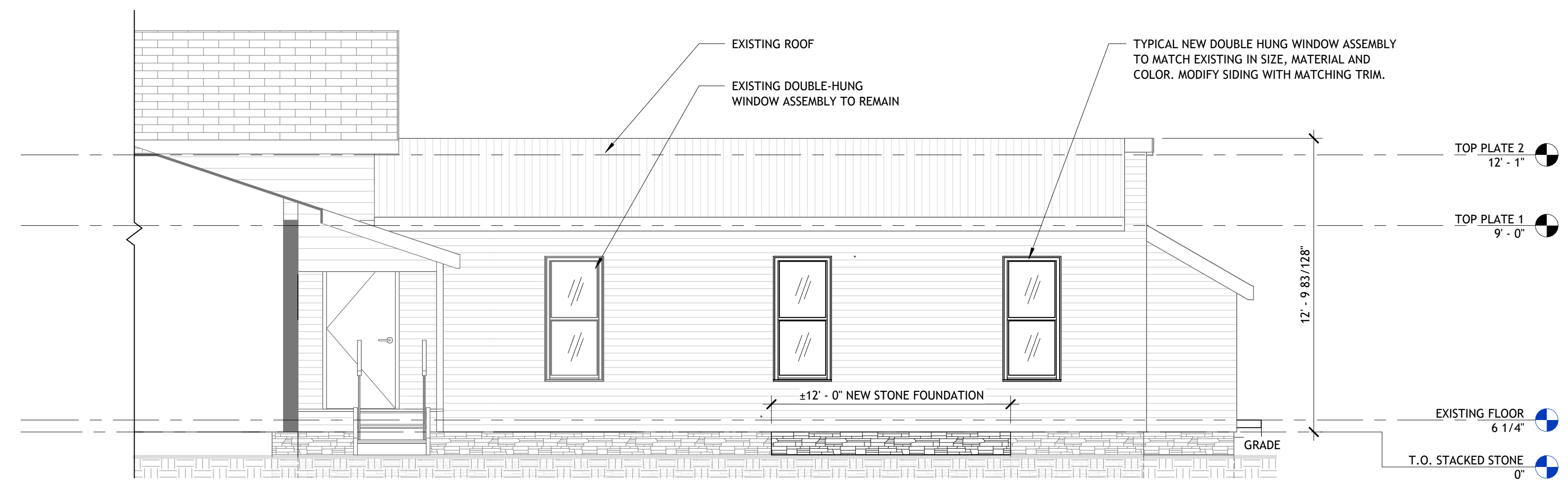
EXTERIOR ELEVATIONS

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A201



B1 ELEVATION - WEST  
A101/A201 1/4" = 1'-0"



C3 ELEVATION - EAST  
A101/A201 1/4" = 1'-0"



D1 ELEVATION - NORTH  
A101/A201 1/4" = 1'-0"

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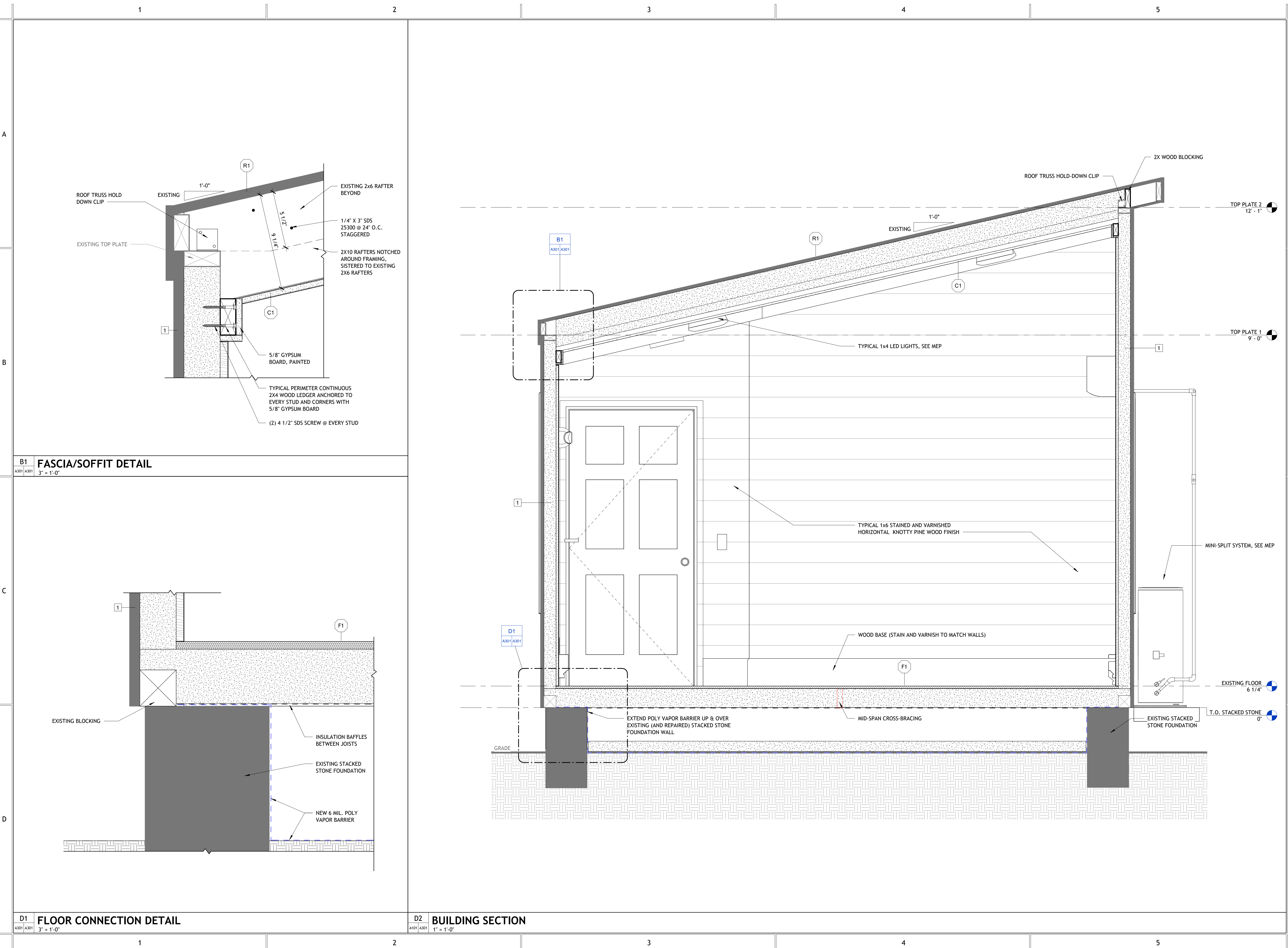
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**BUILDING  
SECTION AND  
DETAILS**

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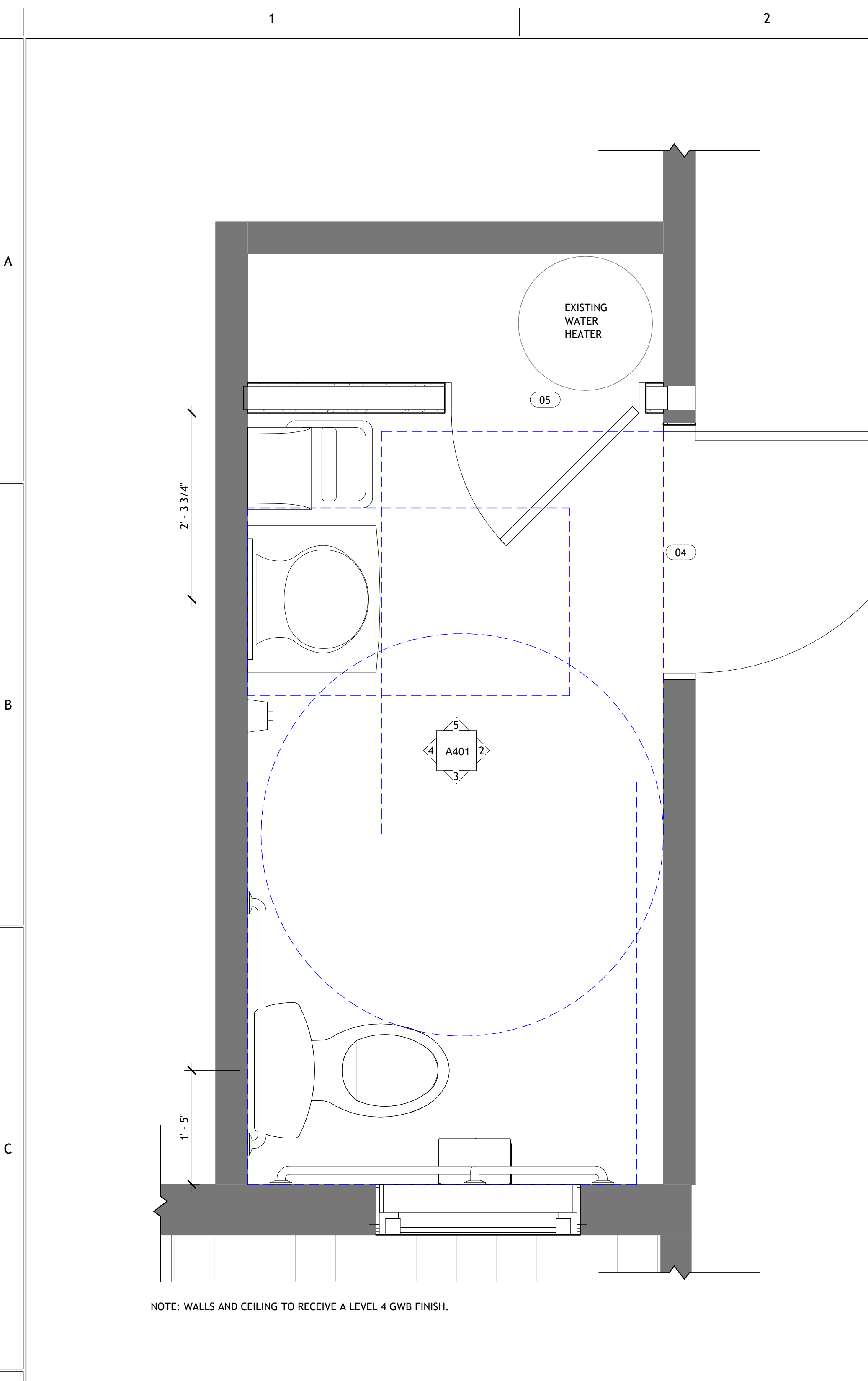


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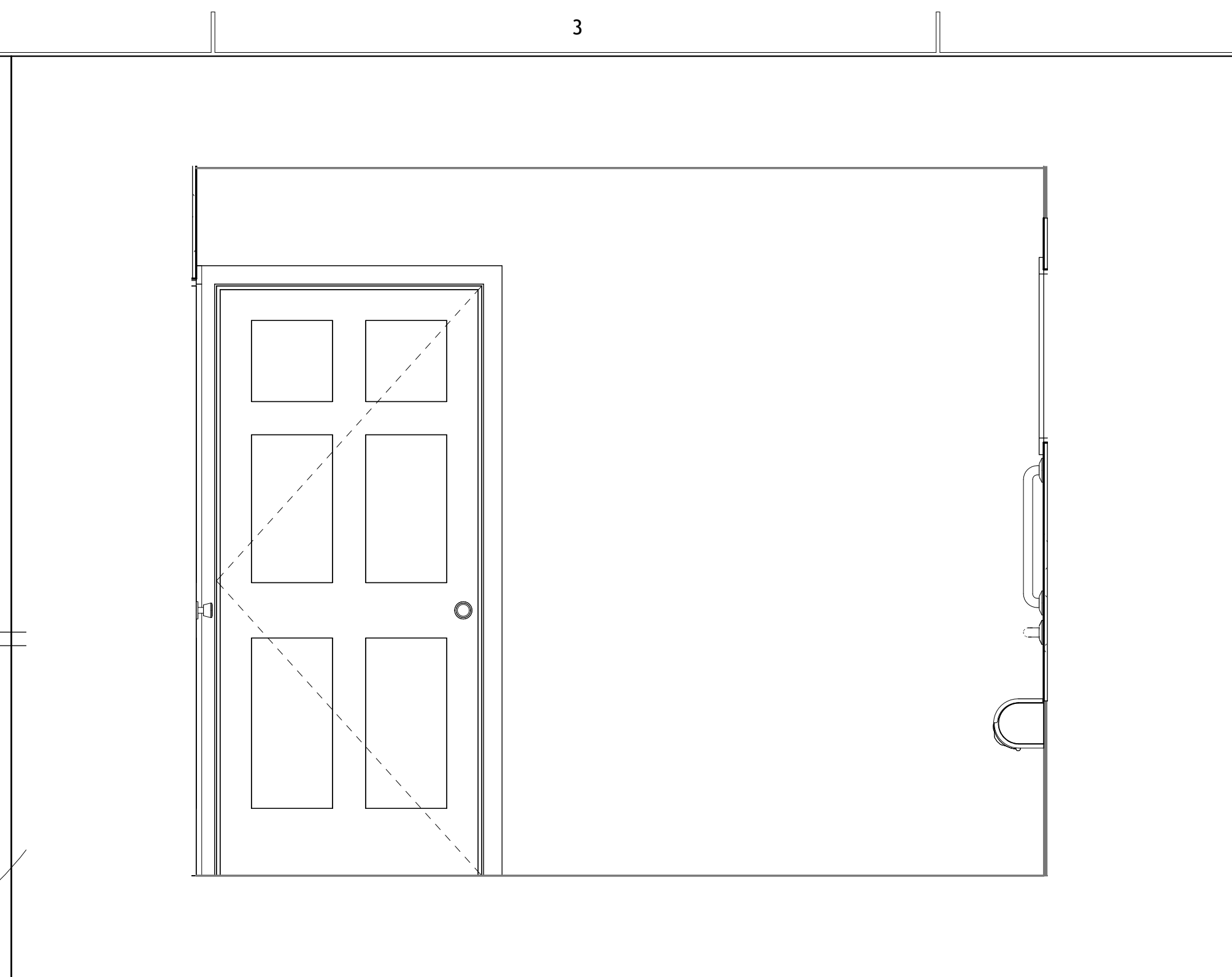
**ENLARGED  
ADA  
BATHROOM  
PLAN AND  
INTERIOR  
ELEVATIONS**

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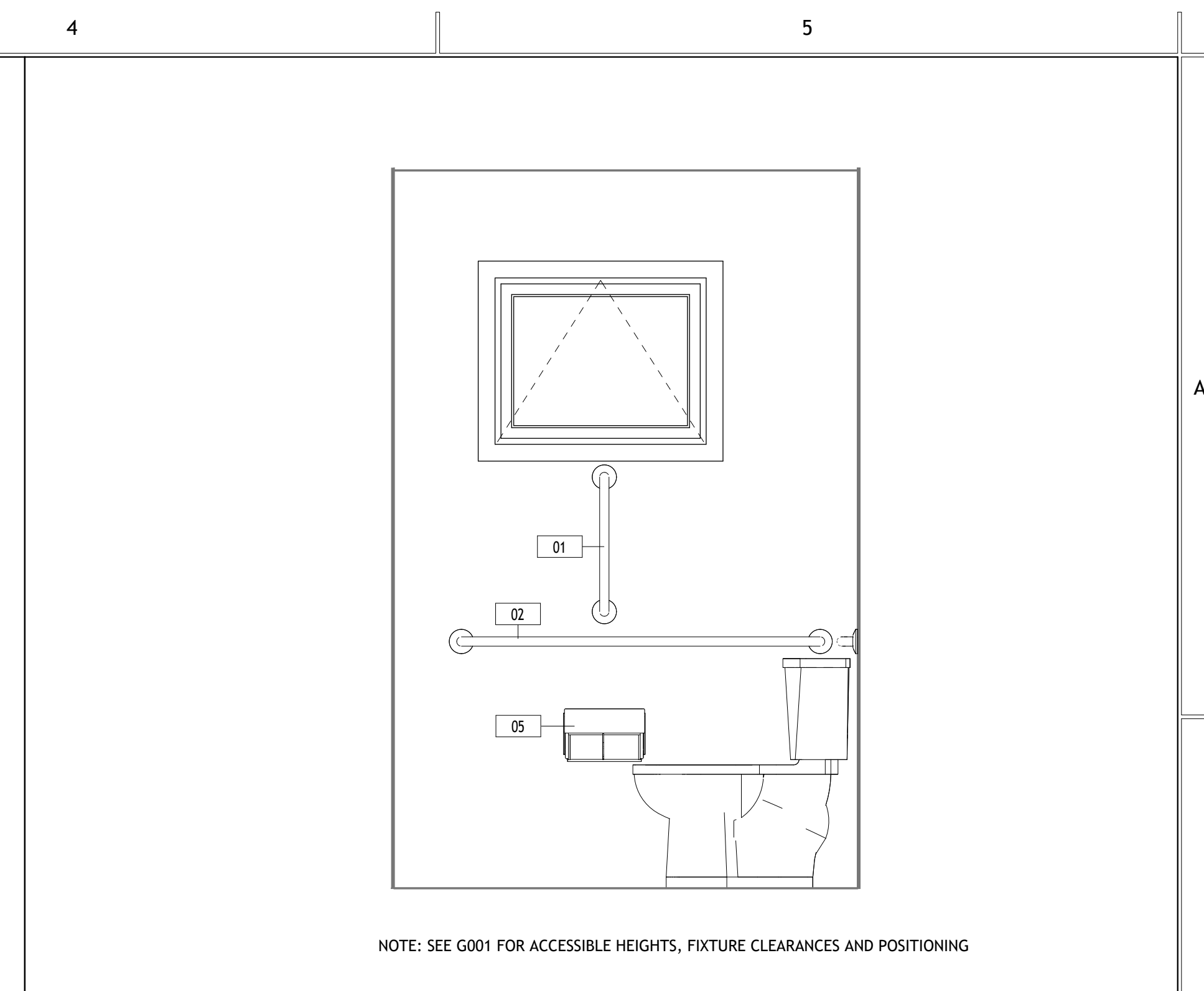
**A401**



**1 ENLARGED BATHROOM FLOOR PLAN**  
A401 | A401 1" = 1'-0"

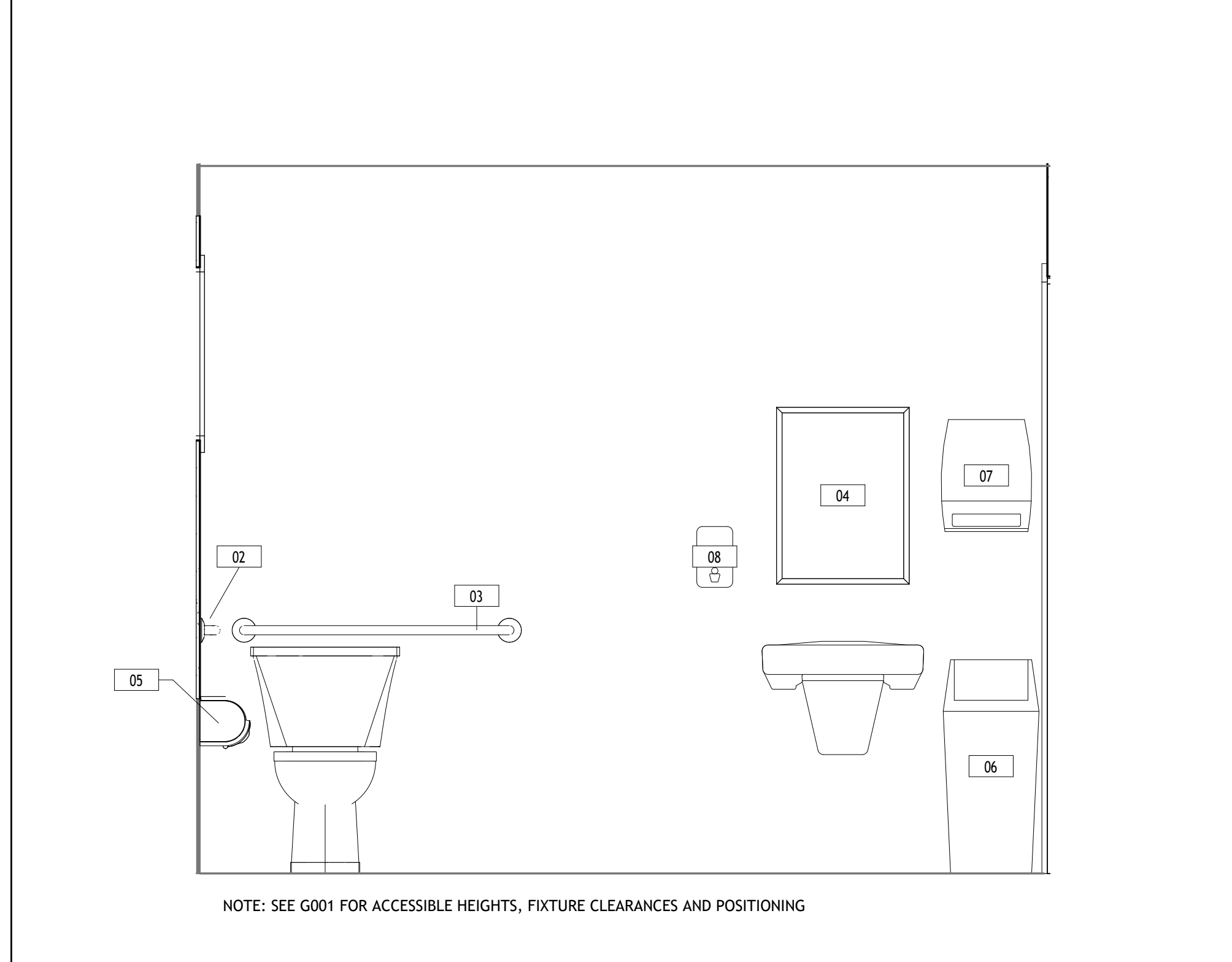


**2 BATHROOM ELEVATION - 1**  
A401 | A401 3/4" = 1'-0"



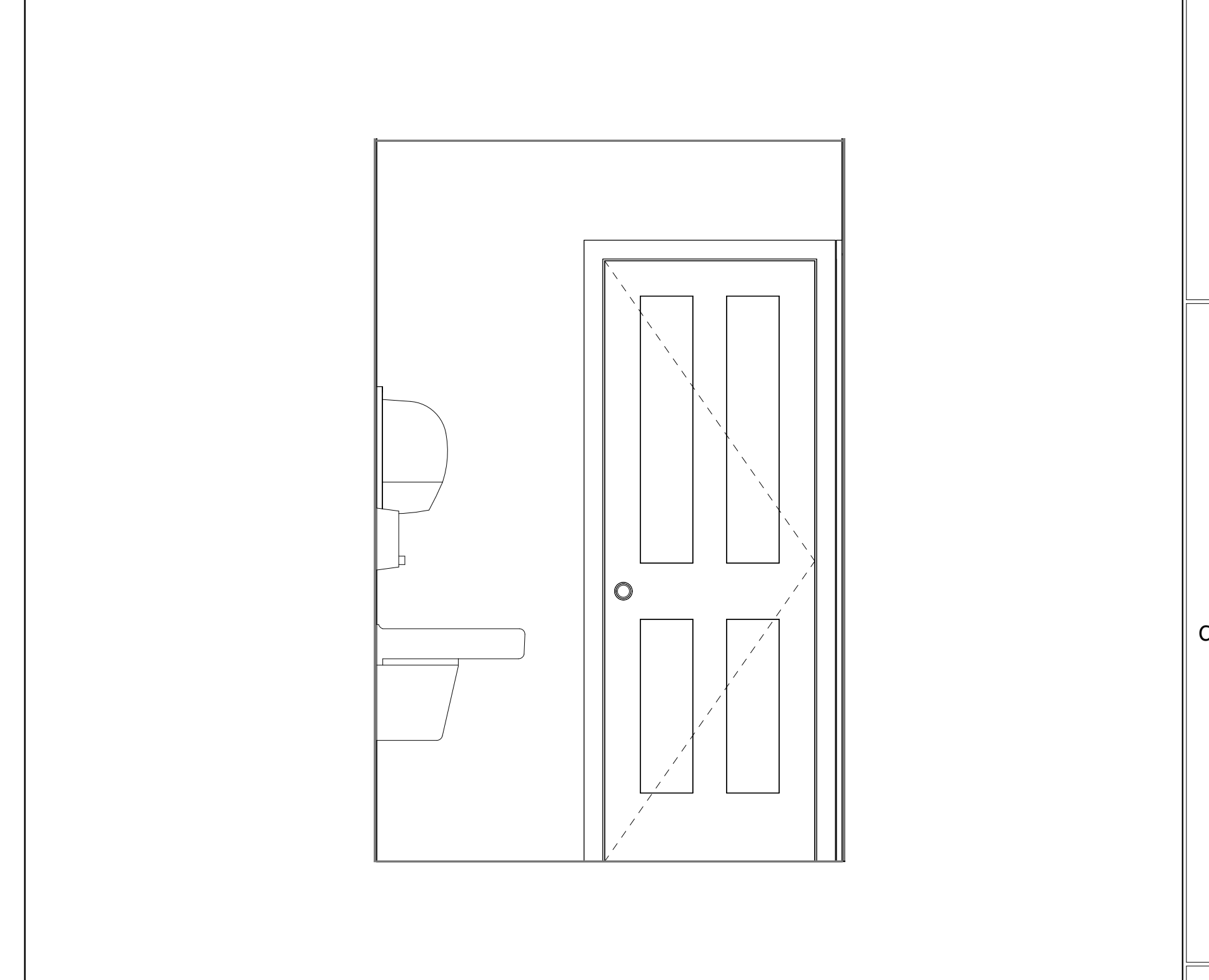
**3 BATHROOM ELEVATION - 2**  
A401 | A401 3/4" = 1'-0"

NOTE: SEE G001 FOR ACCESSIBLE HEIGHTS, FIXTURE CLEARANCES AND POSITIONING



**4 BATHROOM ELEVATION - 3**  
A401 | A401 3/4" = 1'-0"

NOTE: SEE G001 FOR ACCESSIBLE HEIGHTS, FIXTURE CLEARANCES AND POSITIONING



**5 BATHROOM ELEVATION - 4**  
A401 | A401 3/4" = 1'-0"

**TOILET ROOM ACCESSORIES**

Type Mark	Count	Description	Type	URL	Comments
01	1	Grab Bars	8320-001180	www.bradleycorp.com	Or Approved Equal
02	1	Grab Bars	8320-001480	www.bradleycorp.com	Or Approved Equal
03	1	Grab Bars	8322-001360	www.bradleycorp.com	Or Approved Equal
04	1	Channel-Frame Mirror, Welded Corners, 18 by 24 inches	18" x 24" + BradEX	http://www.bradleycorp.com/	Or Approved Equal
05	1	2-Roll Side-by-Side Toilet Paper Dispenser	56798	https://www.gppro.com/	Or Approved Equal
06	1	Waste Receptacle, 13 Gallon with swing top	13 Gallon w/Swing top	http://www.bradleycorp.com/	Or Approved Equal
07	1	Towel Dispenser	Towel_Dispenser-Bradley_Corp-2494	http://www.bradleycorp.com/	Or Approved Equal
08	1	Soap Dispenser	6563	http://www.bradleycorp.com/	Or Approved Equal

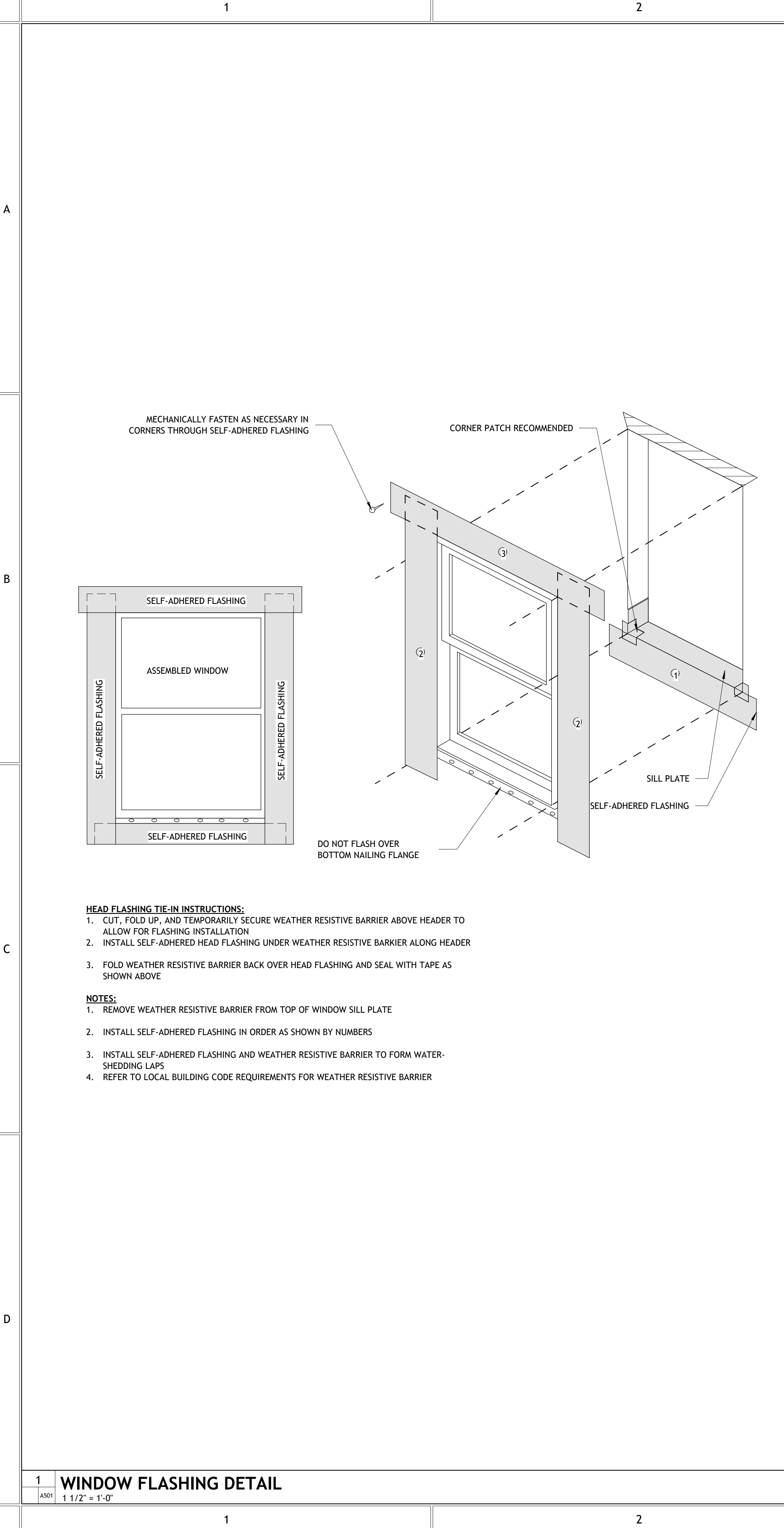
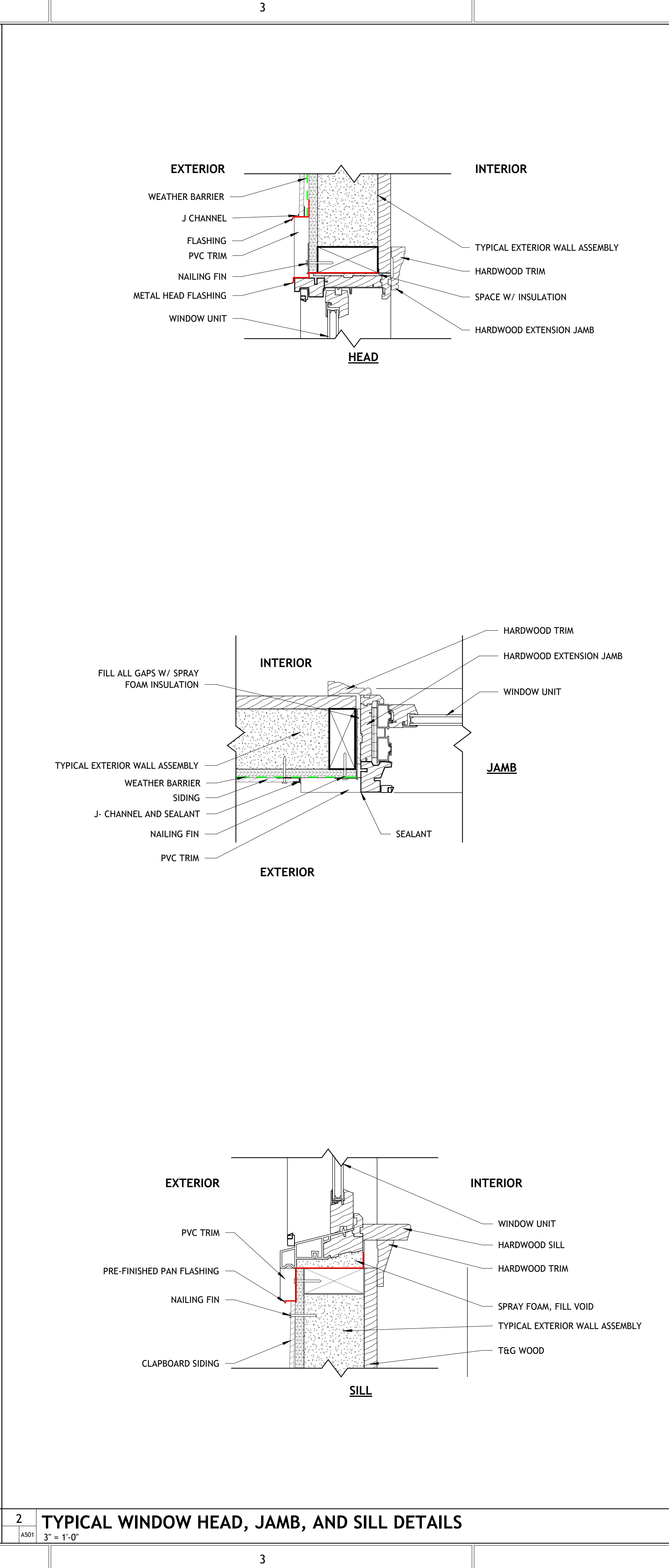
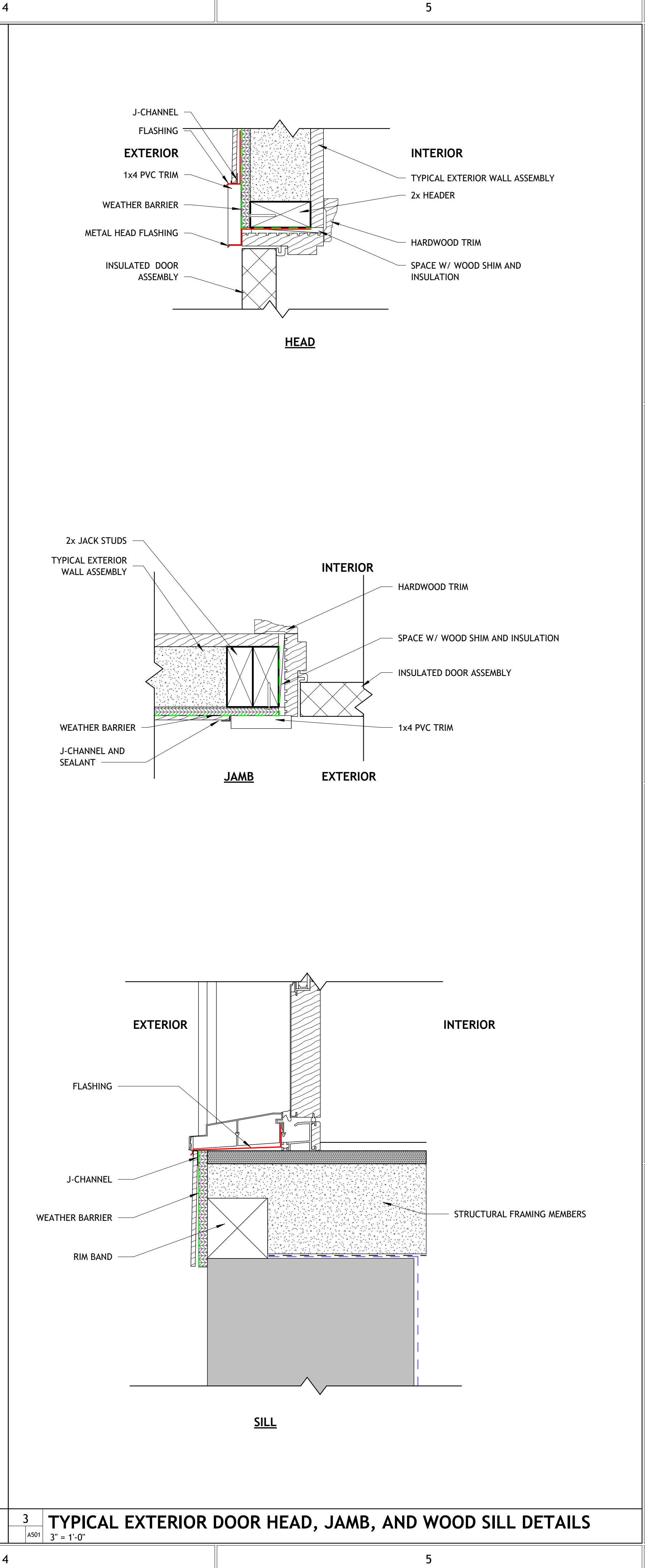
NOTE:  
 1. CONTRACTOR TO PROVIDE FIXTURES EQUAL TO SELECTED MODELS  
 2. CONTRACTOR TO USE 3/4" PLYWOOD OR 2X12 BLOCKING FOR WALL MOUNTED FIXTURES

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**FENESTRATION DETAILS**

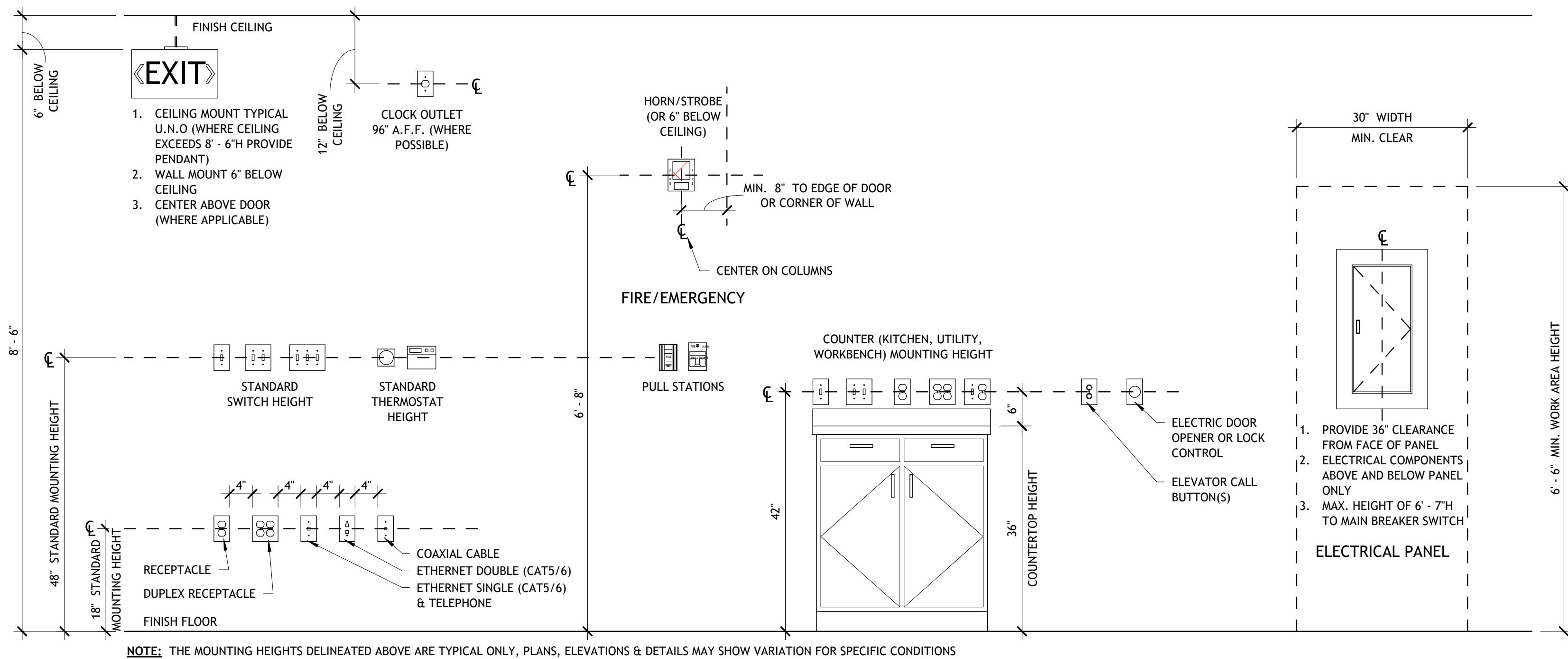
PROJECT NO. 24126  
 DATE 03-31-25  
 DRAWN BY TSV  
 CHECKED BY SEC

**A501**



**1 WINDOW FLASHING DETAIL** 1/2" = 1'-0"  
**2 TYPICAL WINDOW HEAD, JAMB, AND SILL DETAILS** 3/8" = 1'-0"  
**3 TYPICAL EXTERIOR DOOR HEAD, JAMB, AND WOOD SILL DETAILS** 3/8" = 1'-0"

**TYP. ELECTRICAL DEVICE HEIGHTS**



**HVAC NOTES**

- ALL MECHANICAL WORK TO CONFORM TO APPLICABLE TRADE STANDARDS AND 2020 MECHANICAL CODE OF NEW YORK STATE.
- PROVIDE SUBMITTALS AND SHOP DRAWINGS FOR APPROVAL FOR ALL EQUIPMENT, SUPPLIES, CONTROLS, ETC. FOR COMPLETE HVAC SCOPE OF WORK.
- COORDINATE VARIOUS CEILING PLANS W/ MECHANICAL PLAN TO AVOID INTERFERENCE BETWEEN DIFFUSERS, RETURN AIR GRILLES, LIGHT FIXTURES, SMOKE DETECTORS, ETC.
- PROVIDE THERMOSTATS, SENSORS AND CONTROL WIRING AS REQUIRED.
- DUCTWORK - TYPE "LOW VELOCITY" GALVANIZED STEEL PER "SMACNA" LOW VELOCITY DUCT CONSTRUCTION STANDARDS AND MECHANICAL CODE OF NEW YORK STATE SECTION 603.9. LONGITUDINAL AND TRANSVERSE JOINTS SHALL BE SEALED WITH MASTIC OR MASTIC-PLUS-EMBEDDED TAPE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- DUCT DIMENSIONS SHOWN ON DRAWING INDICATE CLEAR INSIDE DIMENSIONS, ROUND DUCT MAY BE SUBSTITUTED FOR RECTANGULAR DUCT, AS APPROVED, PROVIDING EQUIVALENT FRICTION LOSS. SUBSTITUTE SIZES ACCORDING TO THE TABLE OF EQUIVALENT RECTANGULAR DUCT DIMENSIONS, ASHRAE HANDBOOK OF FUNDAMENTALS. FIELD VERIFY CLEARANCE FOR ROUND DUCT IN LIEU OF RECTANGULAR.
- ALL SUPPLY, RETURN, AND O.A. DUCTWORK SHALL BE INSULATED W/ FSK FACED INSULATION EQUAL TO MICROLITE FSK DUCT WRAP BY JOHNS MANVILLE W/ ALL SEAMS SEALED WITH FSK TAPE, 3" TYPE 74 (R-8.3). ALL DUCTWORK IN UNCONDITIONED SPACES SHALL HAVE 4 2/5" TYPE 75 (R-12.0) INSULATION. ALL DUCTS INSTALLED EXTERIOR TO THE BUILDING SHALL BE EQUAL TO THERMADUCT WITH WEATHERPROOF OUTDOOR CLADDING, ALUMINUM VAPOR BARRIER INTERIOR, AND R-6.2 INSULATION ASSEMBLY.
- ALL DIFFUSERS SHALL BE BAKED ENAMEL, STEEL CEILING DIFFUSER. ALL DIFFUSERS AND GRILLES @ CEILING & WALLS TO BE WHITE AND GOLDEN SAND @ FLOORS. WALL MOUNTED DIFFUSERS SHALL BE SET TO TOP OF DIFFUSER AT 12" BELOW CEILING HEIGHT UNLESS LOCATED IN SOFFIT, COORDINATE WITHIN SOFFIT FRAMING.
- ALL HVAC CONTROLS AND WIRING SHALL BE BY M.C. COORDINATE W/ E.C. FOR POWER CIRCUITS TO BE PROVIDED BY E.C. AS NECESSARY.
- PROVIDE 1/2"x1/2" ALUM. SCREEN AT ALL EXHAUST OR OUTSIDE AIR PENETRATIONS.
- PROVIDE PROPER DUCT SIZE/TRANSITIONS TO AVOID CONFLICTS W/ PLUMBING WORK WHILE MAINTAINING REQUIRED AIR FLOWS AND VELOCITIES.
- REFERENCE STRUCTURAL DRAWINGS FOR FLOOR TRUSS LAYOUT & COORDINATE W/ G.C. AS REQUIRED.
- REFERENCE DRAWING INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF H.C. UNITS SWITCHES, OUTLETS, THERMOSTATS, ETC.
- CONTRACTOR SHALL PROVIDE SLEEVES WHEREVER PIPING OR DUCTWORK PENETRATES ANY WALL, FLOOR, CEILING, AND/OR ROOF.
- MECHANICAL CONTRACTOR SHALL SEAL ALL PIPING AND DUCT PENETRATION IN ACCORDANCE WITH THE NYS BUILDING CODE AND NFPA.
- MECHANICAL CONTRACTOR SHALL PROVIDE NECESSARY SUPPORT FRAMING, STIFFENERS, BRACING, ACCESS PANELS AND HANGERS WHETHER SHOWN OR NOT TO ENSURE A COMPLETE, DURABLE, AND MAINTAINABLE SYSTEM. SUPPORT FRAMING CONNECTIONS SHALL BE WELDED UNLESS SPECIFICALLY SHOWN OTHERWISE. ACTUAL SUPPORTS MAY VARY FROM THOSE SHOWN IN DETAILS AS REQUIRED BY ACTUAL EQUIPMENT FURNISHED OR BY FIELD CONDITIONS.
  - HOT WATER, REFRIGERANT, AND CONDENSATE PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH MECHANICAL CODE OF NYS SECTION 305.
  - LP GAS PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH FUEL GAS CODE OF NYS SECTION 415.
- MAINTAIN EQUIPMENT MANUFACTURER'S SERVICE CLEARANCES FOR ALL EQUIPMENT AND COORDINATE REQUIREMENTS WITH OTHER TRADES.
- LABEL ALL PIPING SYSTEMS INDICATING SYSTEM TYPE AND DIRECTION OF FLOW, LABELS SHALL BE AT WALL PENETRATIONS, MAJOR EQUIPMENT, AND AT INTERVALS OF 25 FEET FOR LONG RUNS OF HORIZONTAL PIPING.
- APPLIANCE VENTING SHALL BE INSTALLED IN CONFORMANCE WITH ALL MANUFACTURER'S REQUIREMENTS AND MECHANICAL CODE OF NYS SECTION 501.3 IN REFERENCE TO VENT TERMINATION LOCATIONS

**HVAC EQUIPMENT NOTES**

- HVAC EQUIPMENT:**
- HVAC EQUIPMENT AND DUCT INSTALLATIONS SHALL MEET ALL APPLICABLE EFFICIENCY RATINGS PER IECC PART C403.2.3.
  - BALANCING REPORTS SHALL BE PREPARED AND MEASUREMENTS MADE PER ANSI/ACCA 5 QI-2007 PROTOCOL.
  - HVAC EQUIPMENT AND DUCT SELECTIONS AND INSTALLATIONS SHALL BE ACCORDING TO LATEST EDITIONS OF ACCA MANUALS J, S & D AND/OR 2009 ASHRAE HANDBOOK OF FUNDAMENTALS.
  - FILTERS SHALL BE RATED MERV6 OR BETTER.
- COMMON SPACES:**
- GROUND FLOOR COMMON SPACES TO UTILIZE ZONES HVAC SYSTEMS, EACH WITH INDIVIDUAL VENTILATION OR INTRODUCED BY ERV UNITS. ERV UNITS TO HAVE RETURN AIR (R.A.) AND FRESH AIR (F.A.) CONNECTED TO THE RETURN DUCT WITH PROPER SEPARATION PER MANUFACTURER'S REQUIREMENTS. BOTH OUTSIDE AIR (O.A.) AND EXHAUST AIR (E.A.) AIRSTREAMS TO HAVE MOTORIZED DAMPERS AND BE DUCTED TO THE EXTERIOR WALLS.
  - A SINGLE PROGRAMMABLE THERMOSTAT PER SYSTEM SHALL BE INSTALLED WHERE SHOWN WITH INTERCONNECTION TO ERV TIME CONTROLLER FOR CONTINUOUS FAN DISTRIBUTION OF VENTILATION AIR DURING OCCUPIED HOURS.
  - UPPER FLOOR CORRIDORS TO UTILIZE VTC UNITS WITH VENTILATION FRESH AIR (F.A.) TO BE INTRODUCED VIA VTC INTEGRAL OUTDOOR AIR DAMPER AT CFM FLOW RATE AS INDICATED HEREIN. VTC SHALL BE CAPABLE OF CONDITIONING THE CONTINUOUS FLOW OF OUTDOOR AIR DURING ALL OCCUPIED HOURS.
  - A SINGLE WALL MOUNTED THERMOSTAT SHALL BE INSTALLED IN EACH CORRIDOR FOR OPERATION OF THE VTC UNIT.
  - SINGLE ZONE SPACES THROUGHOUT THE BUILDING SHALL BE HEATED BY INDIVIDUAL ELECTRIC HEATERS AS SHOWN HEREIN WITH INTEGRAL UNIT THERMOSTAT CONTROL.

**HVAC-DESIGN CALCS**

- BASIS OF DESIGN:**
- OWNER/CONTRACTOR TO FURNISH AND INSTALL HVAC EQUIPMENT UTILIZING THE DESIGN LOADS DESCRIBED HEREIN AS A BASIS OF DESIGN. REQUIRED TOTAL LOADS ARE BROKEN DOWN BY BASIS OF ONE WALL CASSETTE MINI SPLIT UNIT WITH SUPPLEMENTAL BASEBOARD HEATING, SUMMARIZED AS FOLLOWS:
    - NEW OPEN OFFICE SPACES
      - TOTAL HEATING LOAD = 14,958 BTUH
      - TOTAL COOLING LOAD = 12,093 BTUH
      - TOTAL SUPPLY FAN RATE = 995 CFM
    - STORAGE CLOSET
      - TOTAL HEATING LOAD = 1,847 BTUH
      - TOTAL COOLING LOAD = 2,377 BTUH
      - TOTAL SUPPLY FAN RATE = 177 CFM
  - PROVIDE DUCT MOUNTED SUPPLY AND RETURN GRILLES TO SERVE EACH INDIVIDUAL SPACE WITH MINIMUM SUPPLY AIR VOLUMES AS INDICATED ON EACH ROOM TAG.

**GENERAL MECHANICAL NOTES**

- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND REPORT ANY DISCREPANCIES TO OWNER/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL WORK DETAILED AND/OR SPECIFICALLY DENOTED ON THIS DRAWING SHALL BE BY MECHANICAL CONTRACTOR (M.C.) UNLESS OTHERWISE INDICATED, REFERENCE ALL DRAWINGS FOR ADDITIONAL SCOPE OF WORK REQUIREMENTS.
- SEAL ALL PENETRATIONS THRU EXTERIOR, INTERIOR, FOUNDATION, FLOOR & FIRE RATED WALL, FLOOR & CEILING ASSEMBLIES WITH APPROVED MATERIALS. CONFORM TO U.L. STANDARDS FOR FIRE RATED ASSEMBLIES.
- CONTRACTORS SHALL MAINTAIN MINIMUM REQUIRED WORKING CLEARANCES AROUND ELECTRICAL EQUIPMENT PER CURRENT NATIONAL ELECTRIC CODE.
- ALL PENETRATIONS THROUGH WALLS, FLOORS, CEILINGS AND/OR ROOFS SHALL BE EITHER CORE DRILLED OR SAW CUT-CHISELED OR HAMMERED PENETRATIONS ARE NOT ALLOWED.
- PROVIDE ACCESS DOORS OR PANELS IN WALLS, CEILINGS, FLOORS TO PROVIDE READY ACCESS TO ALL VALVES, VOLUME CONTROL DAMPERS, CLEANOUTS, AND OTHER DEVICES OR EQUIPMENT.
- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATE THE SIZE AND THE GENERAL ARRANGEMENT OF PIPING, DUCTWORK, EQUIPMENT, AND SPECIALTIES. MINOR ADJUSTMENTS TO LOCATIONS AND ROUTINGS SHOW SHALL BE DETERMINED IN THE FIELD BEFORE AND AS WORK IN PROGRESS.
- DRAWINGS DO NOT INDICATE ALL OFFSETS, CHANGES IN ELEVATION, ETC. WHICH MAY BE REQUIRED BY ACTUAL FIELD CONDITION. THE CONTRACTOR SHALL PROVIDE FOR SUCH CHANGES IN PIPING, DUCTWORK, OR EQUIPMENT LOCATIONS AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS AND THE WORK OF OTHER CONTRACTORS

**HVAC EQUIPMENT NOTES**

Mark	Manufacturer	Model	Description	Comments
WC-1	Mitsubishi Electric	MSZ-HM15N A-U1	Mitsubishi Electric 15,000 Btu/h, Wall Mounted, M Series Air Conditioner	INSTALL W/ THE KUMO TOUCH WALL MOUNTED THERMOSTAT (OR APPROVED EQUAL)
EB-1	Marley Engineered Products	BKOC Series	Electric Commercial Baseboard Heater	TO BE CONTROLLED BY THERMOSTAT (OR APPROVED EQUAL)
EB-2	Marley Engineered Products	BKOC Series	Electric Commercial Baseboard Heater	TO BE CONTROLLED BY THERMOSTAT (OR APPROVED EQUAL)
EB-3	Marley Engineered Products	BKOC Series	Electric Commercial Baseboard Heater	TO BE CONTROLLED BY THERMOSTAT (OR APPROVED EQUAL)
EB-4	Marley Engineered Products	BKOC Series	Electric Commercial Baseboard Heater	TO BE CONTROLLED BY THERMOSTAT (OR APPROVED EQUAL)
EB-5	Marley Engineered Products	BKOC Series	Electric Commercial Baseboard Heater	TO BE CONTROLLED BY THERMOSTAT (OR APPROVED EQUAL)
HP-1	Mitsubishi Electric	SUZ-KA18N AZ	Mitsubishi Electric 1.5 Ton, SUZ Series, Air-Source VRF Heat Pump	TO BE PIPED TO MINI SPLIT UNIT THROUGH EXTERIOR WALL (OR APPROVED EQUAL)

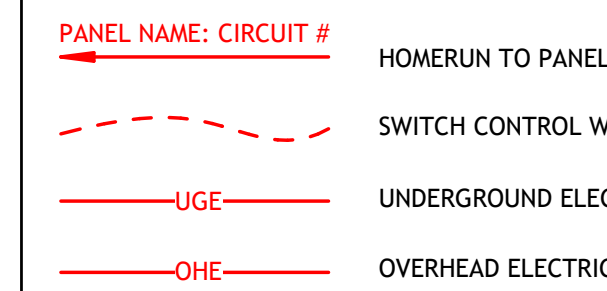
**ELECTRICAL NOTES - DEMOLITION**

- ALL ELECTRICAL WORK TO CONFORM TO 2020 BUILDING CODE OF NEW YORK STATE, CHAPTER 27 & NFPA 70, N.E.C. 2017 STANDARDS.
- COORDINATE W/ GENERAL CONTRACTOR FOR DEMOLITION, CUTTING AND PATCHING REQUIREMENTS.
- PROVIDE & MAINTAIN TEMPORARY LIGHTING & POWER AS REQUIRED FOR THE DEMOLITION & CONSTRUCTION PHASES.
- COORDINATE W/ DEMOLITION WORK FOR ISOLATION AND REMOVAL OF ALL EXISTING ELECTRICAL FIXTURES, CONDUITS, WIRING, ETC. FOR DEMOLITION REQUIREMENTS IN EXISTING PORTIONS OF THE BUILDING.
- ISOLATE & TERMINATE COMPLETE ALL EXISTING INTERIOR ELECTRICAL LIGHTS, DEVICES, HEATERS, ETC. INDICATED ON DRAWINGS, INCLUDING ALL ACCESSORIES, WIRING & CONDUITS BACK TO PANEL; ALL ABANDONED CIRCUITS; COMPLETE FIRE DETECTION DEVICES & ALARM SYSTEM REMOVAL AND COORDINATION W/ ALL CONTRACTORS FOR REMOVAL OF ALL EQUIPMENT THAT IS HARDWIRED & TO BE DEMOLISHED.
- PROVIDE, MODIFY, RELOCATE AND EXTEND EXISTING CONDUITS, WIRING, ETC. TO ACCOMMODATE TEMPORARY ELEC. SERVICE REQUIRED FOR NEW ADDITIONS & INTERIOR MODIFICATIONS.
- PROVIDE & MAINTAIN TEMPORARY POWER AND/OR LIGHTING REQUIRED FOR THE DEMOLITION & CONSTRUCTION PHASES.

**ELECTRICAL NOTES - GENERAL**

- ALL ELECTRICAL WORK TO CONFORM TO 2020 BUILDING CODE OF NEW YORK STATE, CHAPTER 27 & NFPA 70, N.E.C. 2017 STANDARDS.
  - PROVIDE SUBMITTALS FOR APPROVAL FOR ALL EQUIPMENT, FIXTURES, CONTROLS, ETC. FOR COMPLETE ELECTRICAL SCOPE OF WORK.
  - COORDINATE W/ LOCAL ELECTRICAL UTILITY & OWNER'S SELECTED PHONE & CABLE TV UTILITIES & SHALL BE RESPONSIBLE FOR ALL CAPITAL CONSTRUCTION COSTS ASSESSED BY THE POWER, PHONE OR C.A.T.V. UTILITIES, IF ANY & ALL APPLICABLE & INSPECTION FEES FOR A COMPLETE INSTALLATION & CONNECTIONS TO TRANSFORMER, PHONE & CABLE BOXES. PROVIDE ELECTRICAL INSPECTION UNDERWRITERS CERTIFICATE AT COMPLETION OF PROJECT TO OWNER/ARCHITECT.
  - CONFIRM AVAILABLE SHORT CIRCUIT LOAD (A.I.C.) W/ UTILITY & PROVIDE ALL CIRCUIT BREAKERS, FUSES & OVER CURRENT PROTECTION EQUIPMENT RATED TO INTERRUPT NOT LESS THAN THE CONFIRMED A.I.C.
  - IN NO CASE SHALL LIGHTING LOAD EXCEED 80% OF THE OVER CURRENT PROTECTION DEVICE RATING. IF ACTUAL WIRING RUNS DIFFER FROM DRAWINGS, SUBMIT AS-BUILTS SHOWING ACTUAL CIRCUIT CONFIGURATION.
  - ALL PVC JOINTS TO BE MADE USING SOLVENT WELD SO AS TO RENDER WATER TIGHT CONDUIT SYSTEM.
  - ALL SERVICE BONDING AND EARTH GROUNDING CONDUCTORS SHALL BE COPPER.
  - BALANCE CONFIRMED ELECTRICAL LOADS IN PANEL(S). SUBMIT AS-BUILTS SHOWING ACTUAL CIRCUIT CONFIGURATION & AS-BUILTS FINAL DRAWINGS OF COMPLETED WORK.
  - PROVIDE 1/4" HEIGHT BOLD WHITE BLOCK LETTERS ADHESIVE BACK LABELS ON BLACK PLASTIC LAMINATE PLACARD LABELS FOR ALL EXISTING ELECTRICAL PANELS, LIGHTING CONTRACTORS, DISCONNECTS & CONTROL RELAY PANELS. PROVIDE LABELS FOR ALL SWITCH FUNCTIONS W/ 3/16" HGT. BOLD BLOCK LETTERS ON ADHESIVE BACKED VINYL LABELS.
  - ALL SWITCHES AND RECEPTACLE PLATE COVERS ARE TO COLOR SELECTED BY OWNER/ARCHITECT.
  - PROVIDE GROUND-FAULT CIRCUIT INTERRUPTERS IN RESTROOMS, GARAGES, WAREHOUSES & EXTERIOR, U.N.O.
  - ALL SWITCHES, ABOVE COUNTERTOP RECEPTACLES, THERMOSTATS, ETC. TO BE ADA COMPLAINT @ ACCESSIBLE HEIGHTS OF 48" MAX. & 44" MAX. @ COUNTERTOP DEPTHS GREATER THAN 10", WALL RECEPTACLES @ ACCESSIBLE HEIGHTS OF 15" MIN. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION REGARDING MOUNTING HEIGHTS FOR ACCESSIBLE SWITCHES AND OUTLETS.
  - COORDINATE W/ MECHANICAL CONTRACTOR FOR EXHAUST FANS, HVAC SYSTEM POWER REQUIREMENTS, FIRE & SMOKE SYSTEM ALARMS, AND ANY OTHER MECHANICAL CONTRACTOR ELECTRICAL POWER REQUIREMENTS. COORDINATE W/ SITE CONTRACTOR FOR ANY SEWER SYSTEM POWER REQUIREMENTS. VERIFY LOCATIONS PRIOR TO INSTALLATION.
  - PROVIDE TYP. TELCOM OUTLETS W/ CAT-6 PHONE/DATA CABLES (SEE ELEC. DETAILS). ALL DATA/PHONE CABLES TO TERMINATE IN ROOM DESIGNATED BY OWNER.
  - CONFIRM LAYOUT OF ALL ELECTRICAL, PHONE/DATA DEVICES W/ OWNER/ARCHITECT PRIOR TO INSTALLATION.
  - SEAL ALL PENETRATIONS THRU EXTERIOR, INTERIOR, FOUNDATION, FLOOR & FIRE RATED WALL/FLOOR & CEILING ASSEMBLIES AS REQUIRED W/ APPROVED MATERIALS. CONFORM TO U.L. STANDARDS FOR FIRE RATED ASSEMBLIES.
  - ALL ELECTRICAL DEVICES WITHIN FIRE RATED ASSEMBLIES, SHALL BE INSTALLED AS TESTED IN THE APPROVED FIRE RESISTANCE RATED ASSEMBLY.
  - CONTRACTOR TO PROVIDE FIXTURES EQUAL TO SELECTED MODELS
- EXISTING BUILDING:**
- VERIFY IN FIELD FEASIBILITY OF EXISTING ELECTRICAL PANEL & SPACE AVAILABILITY PRIOR TO INSTALLATION. COORDINATE W/ BUILDING FACILITIES MANAGER FOR ALL NEW/EXISTING CIRCUIT FEED ORIGINS.
  - MODIFY, RELOCATE AND EXTEND EXISTING ELECTRICAL CONDUITS, WIRING, DEVICES, ETC. TO ACCOMMODATE NEW WORK AS REQUIRED.
  - PROVIDE BLANKS FOR ALL OPEN SPACE IN PANELS AS REQUIRED.
  - PROVIDE 1/4" HEIGHT BOLD WHITE BLOCK LETTERS ADHESIVE BACK LABELS ON BLACK PLASTIC LAMINATE PLACARD LABELS FOR ALL NEW & EXISTING ELECTRICAL PANELS, LIGHTING CONTRACTORS, DISCONNECTS & CONTROL RELAY PANELS.
  - UTILIZE EXISTING CONDUIT RUNS WHENEVER POSSIBLE, HOWEVER, IN NO CASE SHALL LIGHTING LOAD EXCEED 80% OF THE OVER CURRENT PROTECTION DEVICE RATING. IF ACTUAL WIRING RUNS DIFFER FROM DRAWINGS, SUBMIT AS-BUILTS SHOWING ACTUAL CIRCUIT CONFIGURATION.
  - UPDATE EXISTING PANEL DIRECTORY(S) AS REQUIRED FOR WORK SCOPE ONLY.

**ELECTRICAL LINE TYPES**



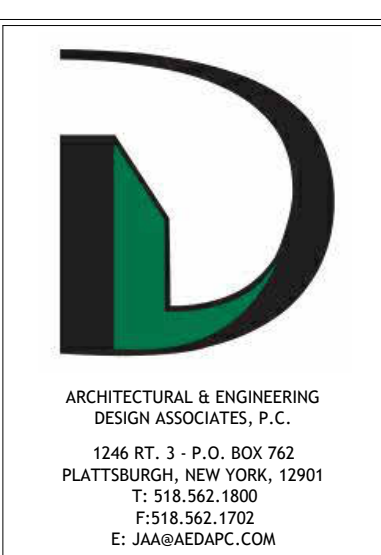
**ELECTRICAL LEGEND**

- "BLANK" - DENOTES: EXISTING TO REMAIN  
 "D" - DENOTES: REMOVED  
 "R" - DENOTES: RELOCATED
- T - DENOTES: TEMPORARY  
 N - DENOTES: NEW
- SPECIAL PURPOSE CONNECTION
  - DUPLEX RECEPTACLE
  - 220V RECEPTACLE
  - WEATHER-PROOF G.F.I.C. DUPLEX RECEPTACLE
  - IN-FLOOR DUPLEX RECEPTACLE
  - SINGLE POLE SWITCH
  - MOTION SWITCH DETECTOR
  - DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR
  - DIMMER SWITCH
  - OCCUPANCY SENSOR
  - DUAL TECHNOLOGY CEILING MOUNTED
  - THREE WAY SWITCH
  - THREE WAY MOTION SWITCH DETECTOR
  - DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR
  - FOUR WAY SWITCH
  - FAN LIGHT SWITCH
  - SINGLE POLE SWITCH W/ RED LIGHT NOTIFICATION MOUNTED @ 84" A.F.F.
  - MULTI-CABLE/ TELEPHONE/DATA/NETWORK CONNECTION W/ (1) CBL & PORT PER # INDICATED
  - IN-FLOOR MULTI-CABLE/ TELEPHONE/DATA/NETWORK CONNECTION W/ (1) CBL & PORT PER # INDICATED
  - ENERGY STAR PROGRAMMABLE DIGITAL THERMOSTAT
  - FAN/LIGHT
  - METER
  - ELECTRICAL SERVICE PANEL
  - WEATHER-PROOF DISCONNECT
  - EXIT LIGHT W/ 90 MIN. NI-CAD BATTERY BACKUP
  - ELECTRICAL BASEBOARD W/ INTEGRAL THERMOSTAT
  - CEILING RECESSED LIGHT FIXTURE
  - WALL MOUNTED LIGHT FIXTURE
  - RECESSED OR SURFACE MOUNTED CEILING LIGHT FIXTURE
  - RECESSED OR SURFACE MOUNTED CEILING LIGHT FIXTURE WITH EMERGENCY LIGHTS
  - CEILING CHAIN HUNG OR WALL MOUNTED STRIP LIGHT
  - HIGH BAY LIGHT FIXTURE
  - CARBON MONOXIDE DETECTOR W/ SOUNDER BASE TO BE INTERCONNECTED
  - SMOKE DETECTOR INTERCONNECT

**ELECTRICAL ABBREVIATIONS**

**NOTE:** EVERY EFFORT WILL BE MADE TO USE FULL WORDS INSTEAD OF ABBREVIATIONS EXCEPTIONS: WHERE SPACE REQUIREMENTS PROHIBIT IT OR WHERE STANDARD INDUSTRY ABBREVIATIONS ARE GENERALLY ACCEPTABLE SUBSTITUTES

A	AMPERE	MECH	MECHANICAL
AC	ALTERNATING CURRENT	MIN.	MINIMUM
AFF	ABOVE FINISH FLOOR	MFR	MANUFACTURER
AIC	AMPERE INTERRUPTING CAPACITY	MLO	MAIN LUGS ONLY
AL	ALUMINUM	MSB	MAIN SWITCHBOARD
ANUN	ANNUNCIATOR	MTR	MOTOR
ATS	AUTOMATIC TRANSFER SWITCH	MTD	MOUNT OR MOUNTED
AWG	AMERICAN WIRE GAUGE	MTS	MANUAL TRANSFER SWITCH
BD	BOARD	NEC	NATIONAL ELECTRICAL CODE
BRK	BREAKER	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BMS	BUILDING MANAGEMENT SYSTEM	NIC	NOT IN CONTRACT
CAB	CABINET	NL	NIGHT LIGHT
CB	CIRCUIT BREAKER	NTS	NOT TO SCALE
CCT	CIRCUIT(S)	OC	ON CENTER
CCTV	CLOSED CIRCUIT TELEVISION	OS	OCCUPANCY SENSOR
CLG	CEILING	OH	OVERHEAD
CND	CONDENSER	OR	OR
CONN	CONNECTION, CONNECTOR OR CONNECT	P OR PH	PHASE
CONTR	CONTRACTOR	PF	POWER FACTOR
COORD.	COORDINATE	PHL	PANEL
DIST.	DISTRIBUTION	PRI	PRIMARY
EDH	ELECTRIC DUCT HEATER	RM	ROOM
EHU	ELECTRIC HEATER UNIT	RMC	RIGID METAL CONDUIT
ELEC.	ELECTRIC OR ELECTRICAL	ROR	RATE OF RISE
EM	EMERGENCY	RTU	ROOFTOP UNIT
EMT	ELECTRICAL METALLIC TUBING	SCV	SECURITY CAMERA TV
EQUIP	EQUIPMENT	SEC	SECONDARY
ERV	ENERGY RECOVERY VENTILATOR	SPD	SURGE PROTECTIVE DEVICE
EWV	ELECTRIC WATER COOLER	SPEC	SPECIFICATIONS
FAA	FIRE ALARM ANNUNCIATOR	STR	STARTER
FACP	FIRE ALARM CONTROL PANEL	SSW	SAFETY SWITCH
FIXT	FIXTURE	SURF	SURFACE
FCU	FAN COIL UNIT	SW	SWITCH
GND	GROUND	SWBD	SWITCHBOARD
GFI	GROUND FAULT INTERRUPTER	SWGR	SWITCHGEAR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TC	TIME CLOCK
		TEL	TELEPHONE
		TRM	TERMINAL
HP	HORSEPOWER	TTB	TELEPHONE TERMINAL BOARD
HTG	HEATING	TV	TELEVISION
HTR	HEATER	TYP	TYPICAL
HZ	HERTZ	UG	UNDERGROUND
IC	INTERRUPT CAPACITY	UH	UNIT HEATER
IG	ISOLATED GROUND	V	VOLTS
JB OR J	JUNCTION BOX	VA	VOLT AMPERE
kVA	KILOVOLT AMPERE	VF	VARIABLE FREQUENCY
kW	KILOWATTS	VFD	VARIABLE FREQUENCY DRIVE
LCP	LIGHTING CONTROL PANEL	VERT	VERTICAL
LTG	LIGHTING, LIGHTS OR LIGHTS	W	WATTS
MAX.	MAXIMUM	WP	WEATHERPROOF
MCB	MAIN CIRCUIT BREAKER	W/	WITH
MCC	MOTOR CONTROL CENTER	W/O	WITHOUT
MDP	MAIN DISTRIBUTION PANELBOARD	XFMR	TRANSFORMER



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POLICE DEPARTMENT RENOVATIONS FOR TOWN OF MORIAH

CONSTRUCTION DOCUMENT PHASE SERVICES 100%



**REVISIONS**

#	BY	DATE

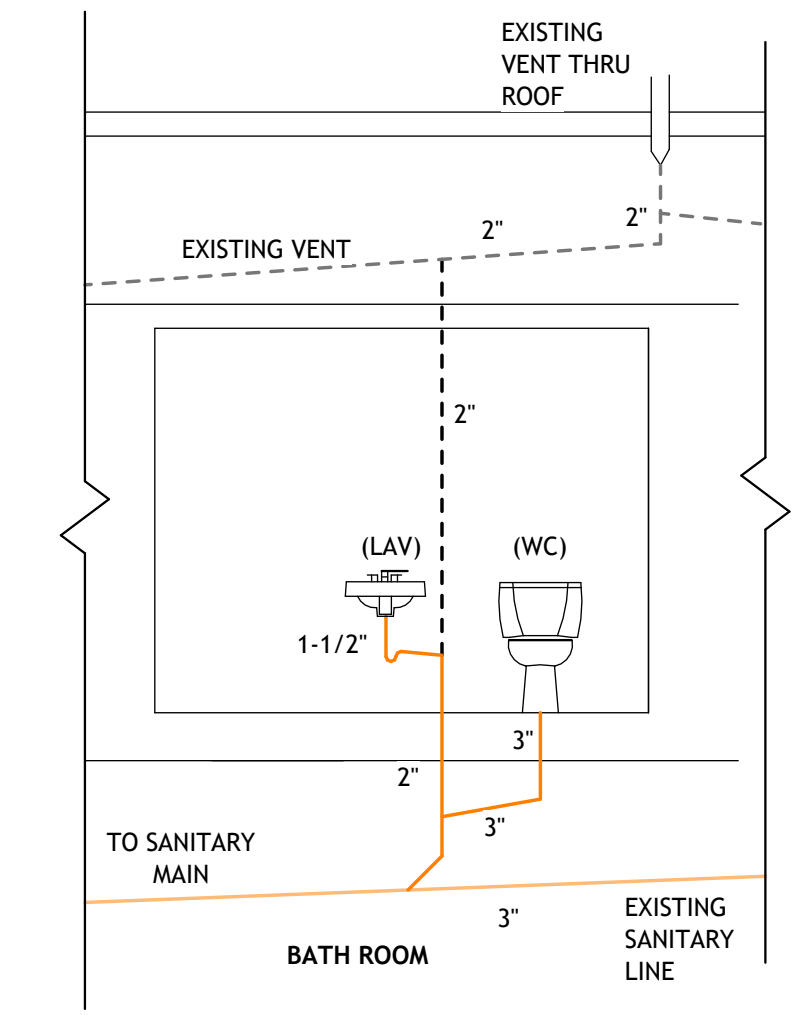
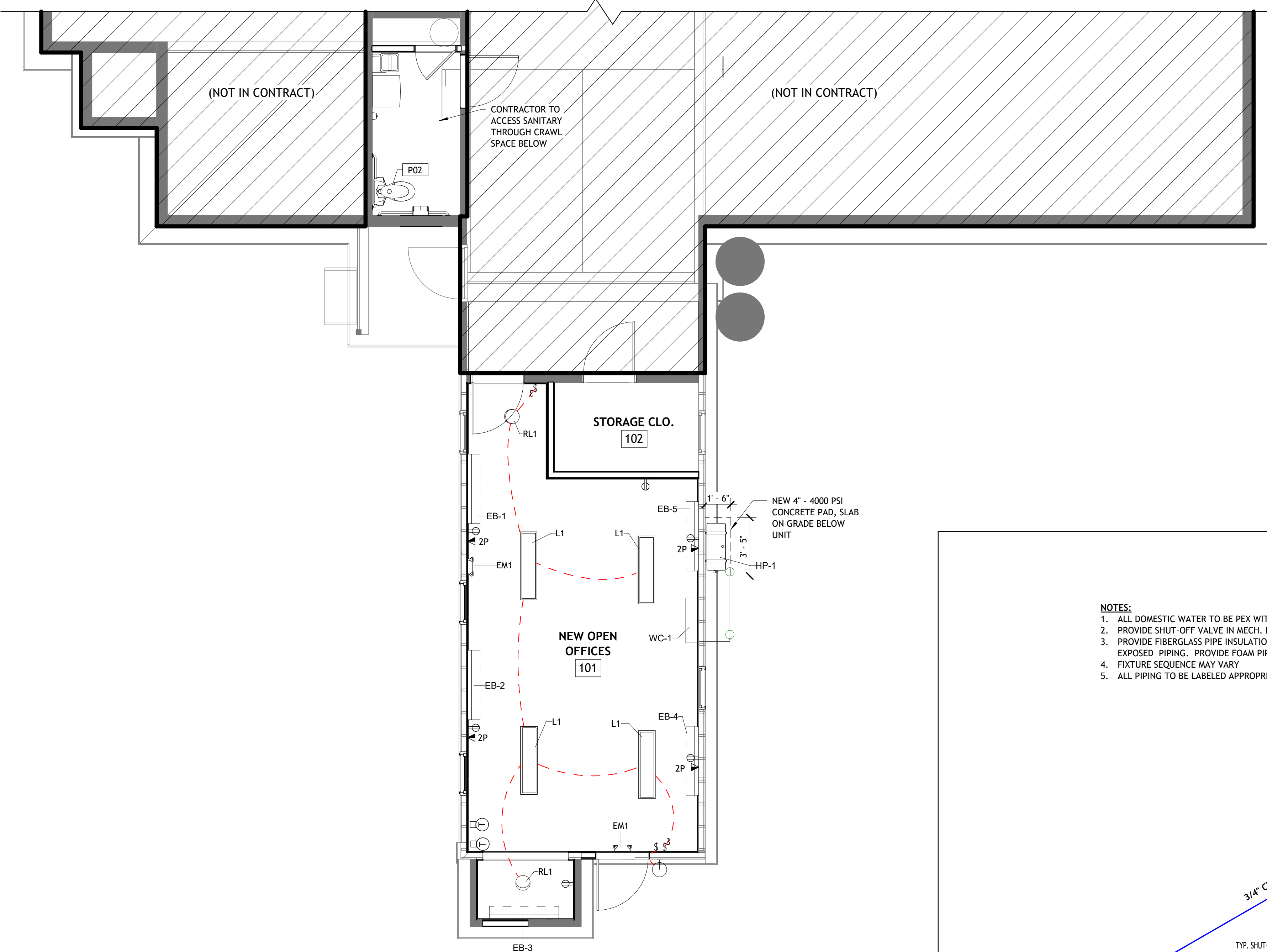
PROJECT NO. 24126  
 DATE 03-31-25  
 DRAWN BY JK  
 CHECKED BY SEC

**MEP001**

**LIGHTING FIXTURES**

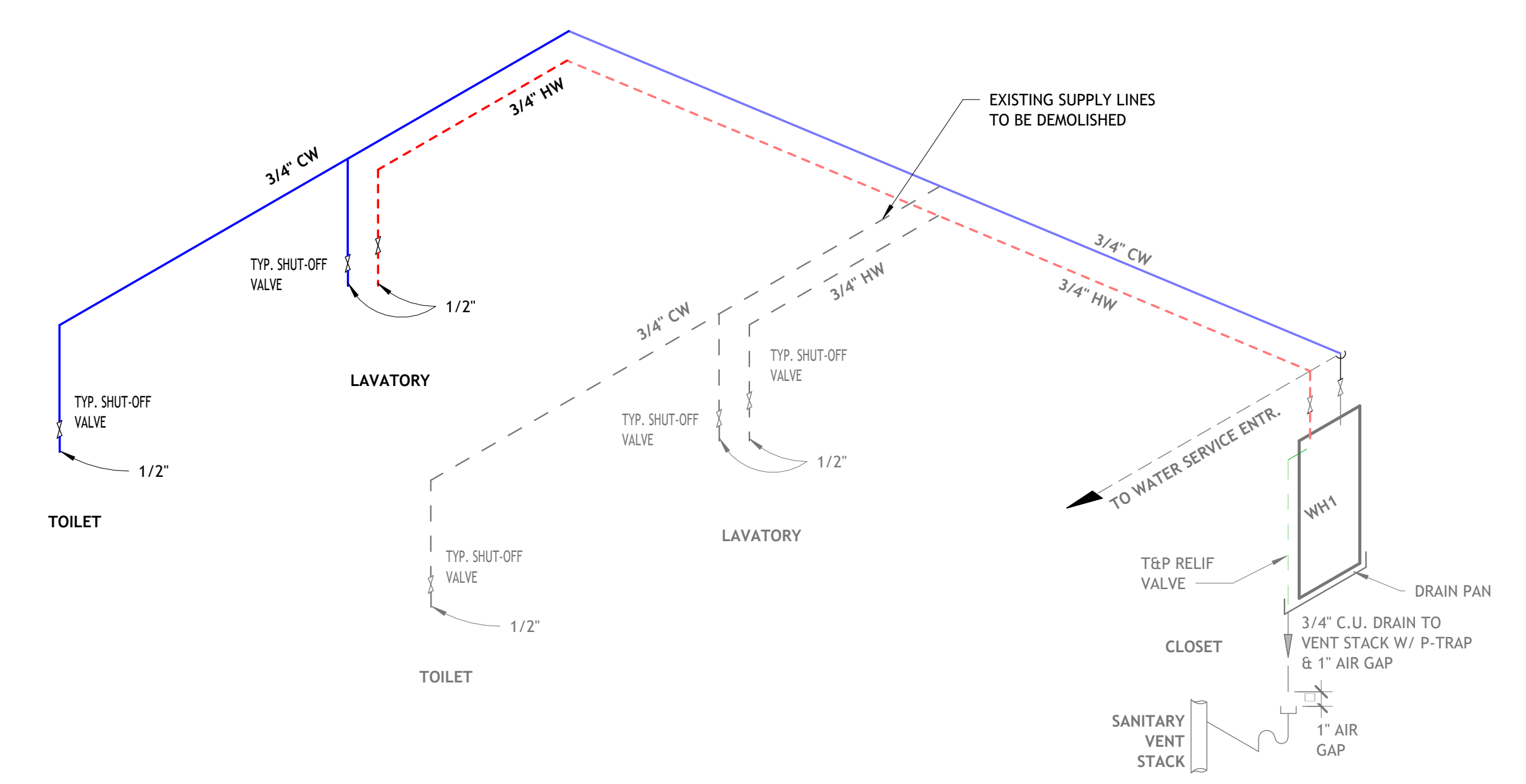
TYPE	COUNT	DESCRIPTION	MANUFACTURER	MODEL NO.	LAMP	LUMENS	TEMPERATURE	APPARENT LOAD	COMMENTS
EM1	2	EMERGENCY LIGHT	LITHONIA LIGHTING	ELM4L	LED	0 lm	0 K	277 VA	OR APPROVED EQUAL
L1	4	1X4 SURFACED MOUNTED LIGHT	LITHONIA LIGHTING	CPANL LED 1X4 AL01 SWW7 M4	LED	3300 lm	4000 K	31 VA	OR APPROVED EQUAL
RL1	2	6" RECESSED WAFER	LITHONIA LIGHTING	WF6 LED 30K40K50K (4000K/14W/1190L) 90CRI MW	A-19	855 lm	2800 K	60 VA	OR APPROVED EQUAL

- NOTES:**
1. ALL SANITARY PIPING IS TO BE SCHEDULE 40 PVC & SLOPED AT 1/4" PER FOOT MINIMUM U.N.O.
  2. SEE PLAN LOCATION FOR FIXTURES.
  3. FIXTURE SEQUENCE MAY VARY



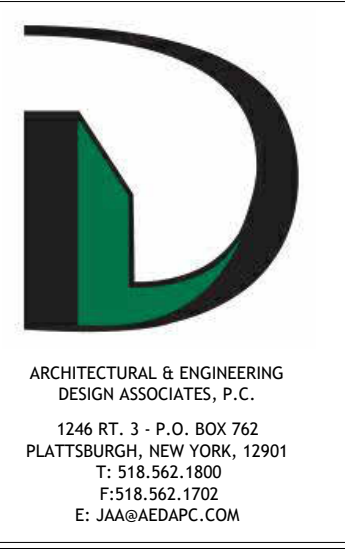
**2 SANITARY SEWER SCHEMATIC**  
MEP101 N.T.S.

- NOTES:**
1. ALL DOMESTIC WATER TO BE PEX WITH APPROVED FITTINGS OR TYPE K COPPER.
  2. PROVIDE SHUT-OFF VALVE IN MECH. RM.
  3. PROVIDE FIBERGLASS PIPE INSULATION W/ VAPOR RETARDANT TAPED SEAMS & FITTINGS PER ALL EXPOSED PIPING. PROVIDE FOAM PIPE INSULATION IN CONCEALED AREAS.
  4. FIXTURE SEQUENCE MAY VARY
  5. ALL PIPING TO BE LABELED APPROPRIATELY.



**1 WATER SUPPLY SCHEMATIC**  
MEP101 1/2" = 1'-0"

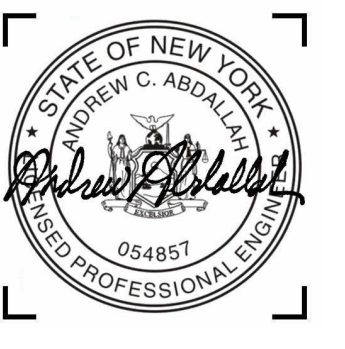
**D1 FIRST FLOOR MEP PLAN**  
MEP101 1/4" = 1'-0"



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**POLICE DEPARTMENT RENOVATIONS  
FOR TOWN OF MORIAH**  
42 PARK PL SUITE 2, PORT HENRY, NY 12974

**CONSTRUCTION DOCUMENT  
PHASE  
SERVICES 100%**



**REVISIONS**

#	BY	DATE

**PARTIAL FIRST FLOOR MEP PLAN**

PROJECT NO. 24126  
DATE 03-31-25  
DRAWN BY TSV  
CHECKED BY SEC

**MEP101**