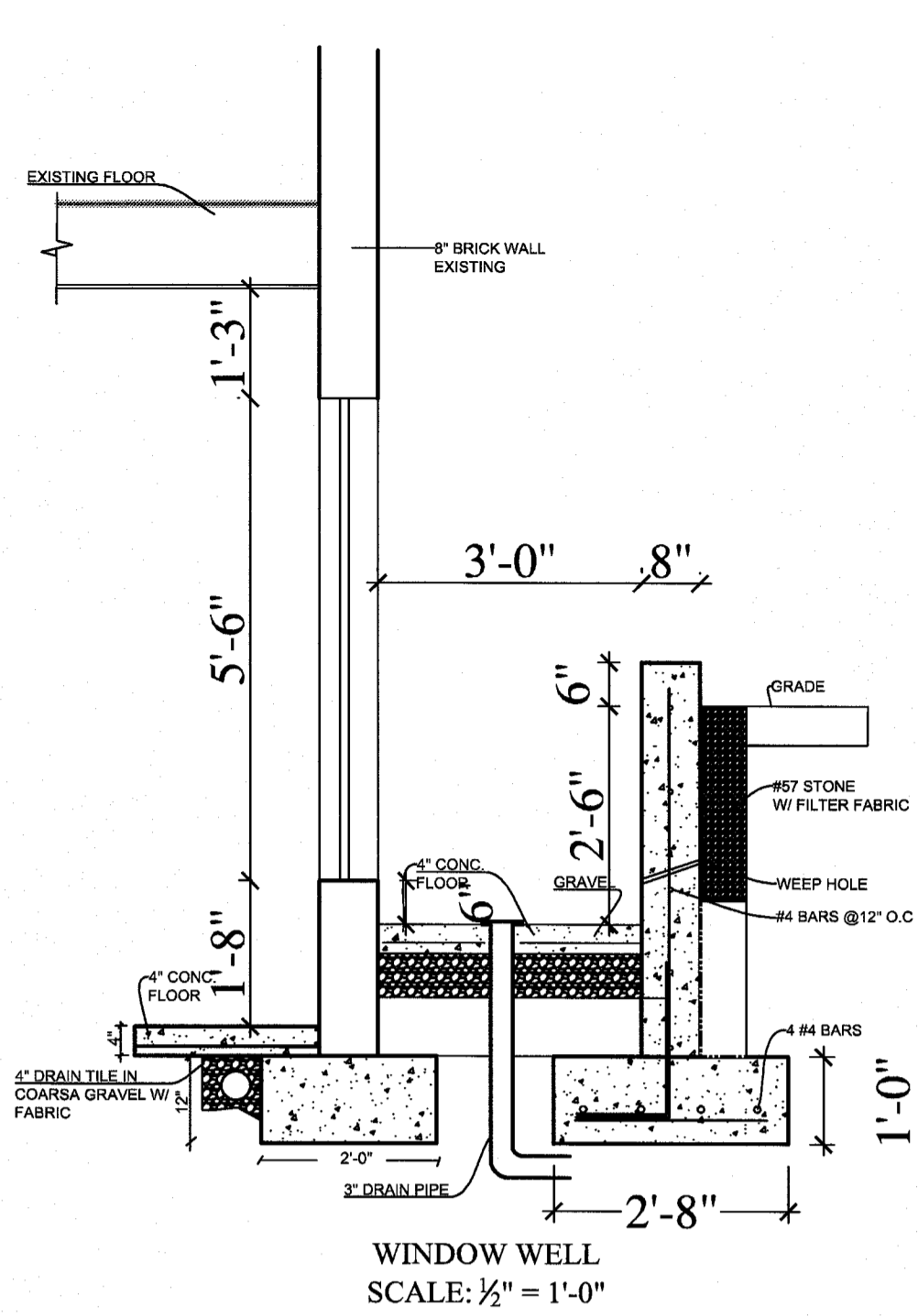


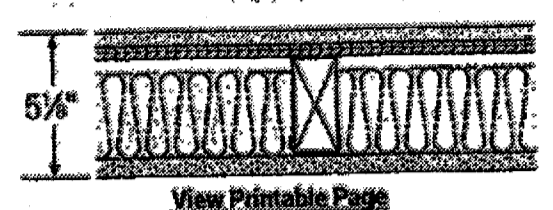
**EMERGENCY ESCAPE AND RESCUE OPENINGS:**

Habitable space and every sleeping room shall have at least one operable emergency escape and rescue window or exterior door opening functioning as an operable emergency escape and rescue opening. Where openings are provided as a means of escape and rescue, each shall have a sill height of not more than 44 inches above the floor. Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with Section R310.3. The net clear opening dimensions required by this section shall be obtained by the normal operation of the window or door opening from the inside. Escape and rescue window openings with a finished sill height below the adjacent ground elevation shall be provided with a window well in accordance with Section R310.2.



- Cement Board - 1/2 in. cement board applied vertical or horizontal - **DUROCK Brand Cement Board Next Gen**
- Sheathing Materials - Min 15/32 in. thick, 4 ft wide, wood structural panels, min grade "sheathing" applied vertically
- Wood Studs - 2x4 wood studs spaced max 16 in. OC
- Batts and Blankets - 3 in. mineral wool batt insulation
- Gypsum Board - 5/8 in. thick gypsum board applied vertically or horizontally.
- **SHEETROCK® UltraLight Firecode X Gypsum Panels**

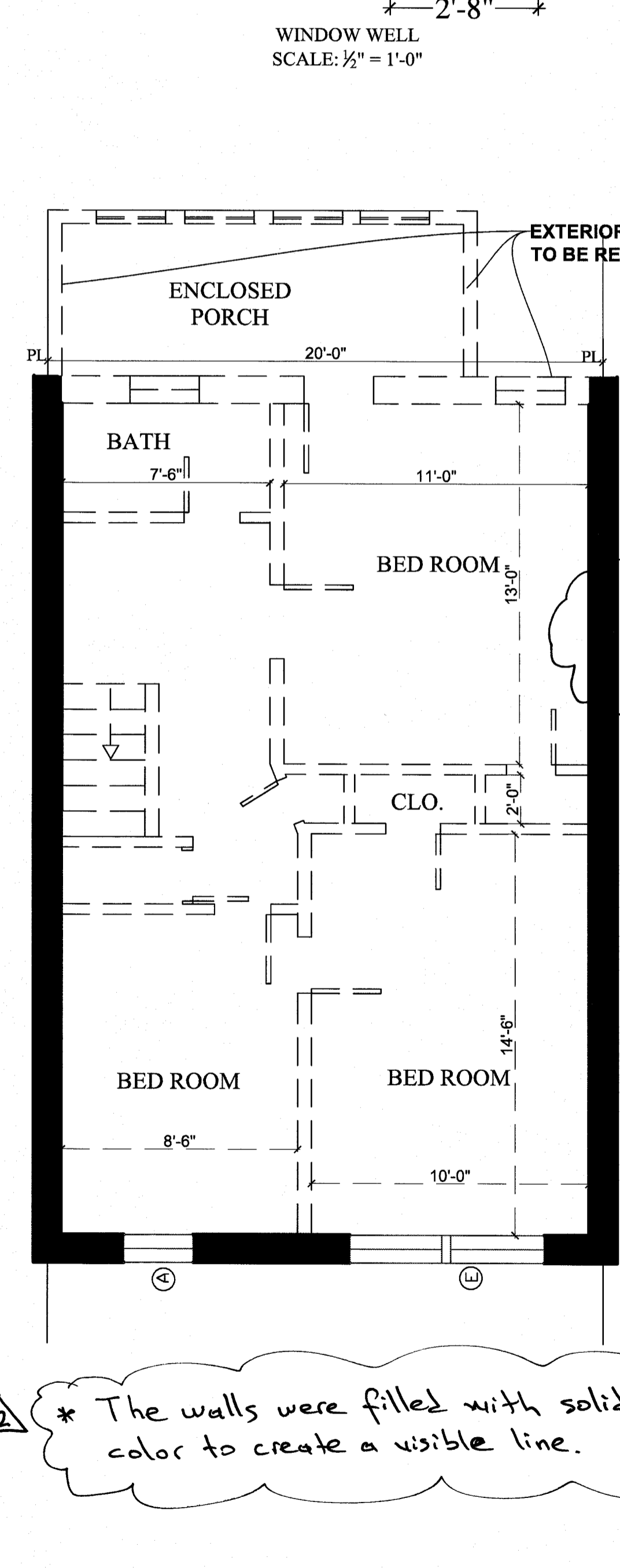
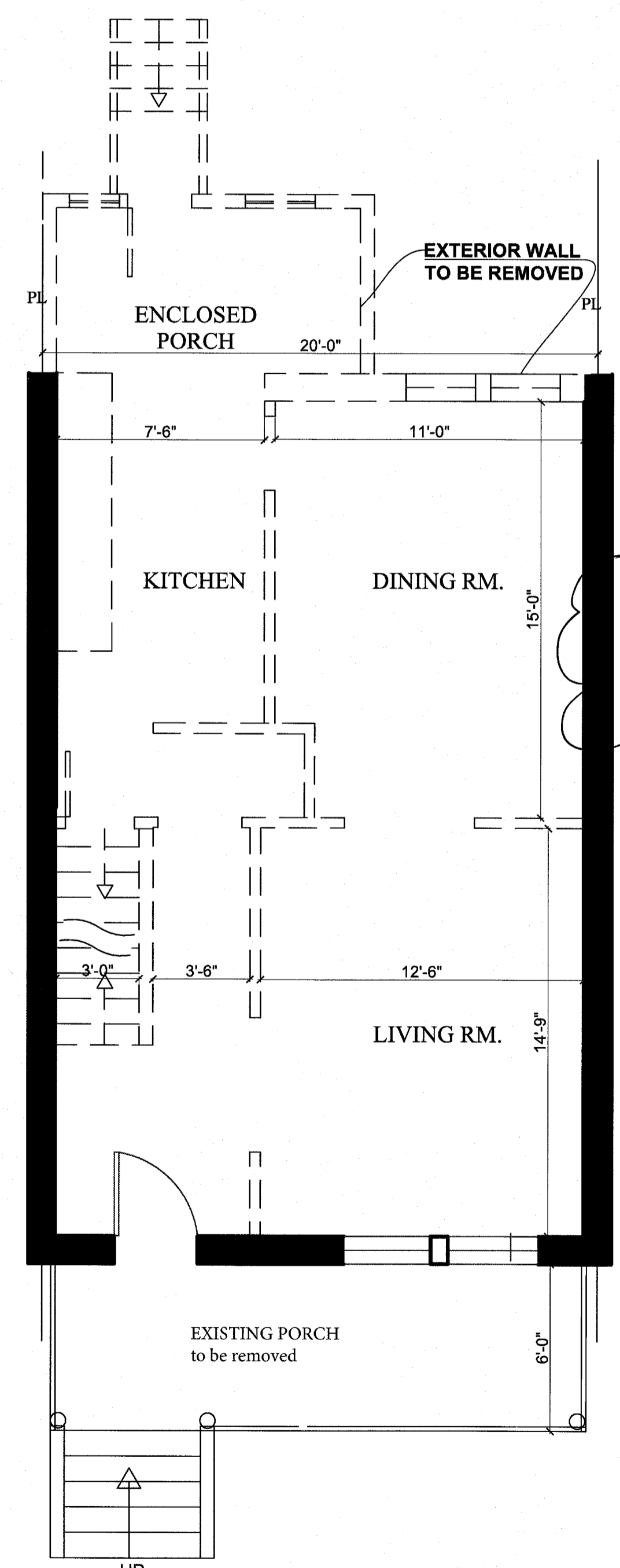
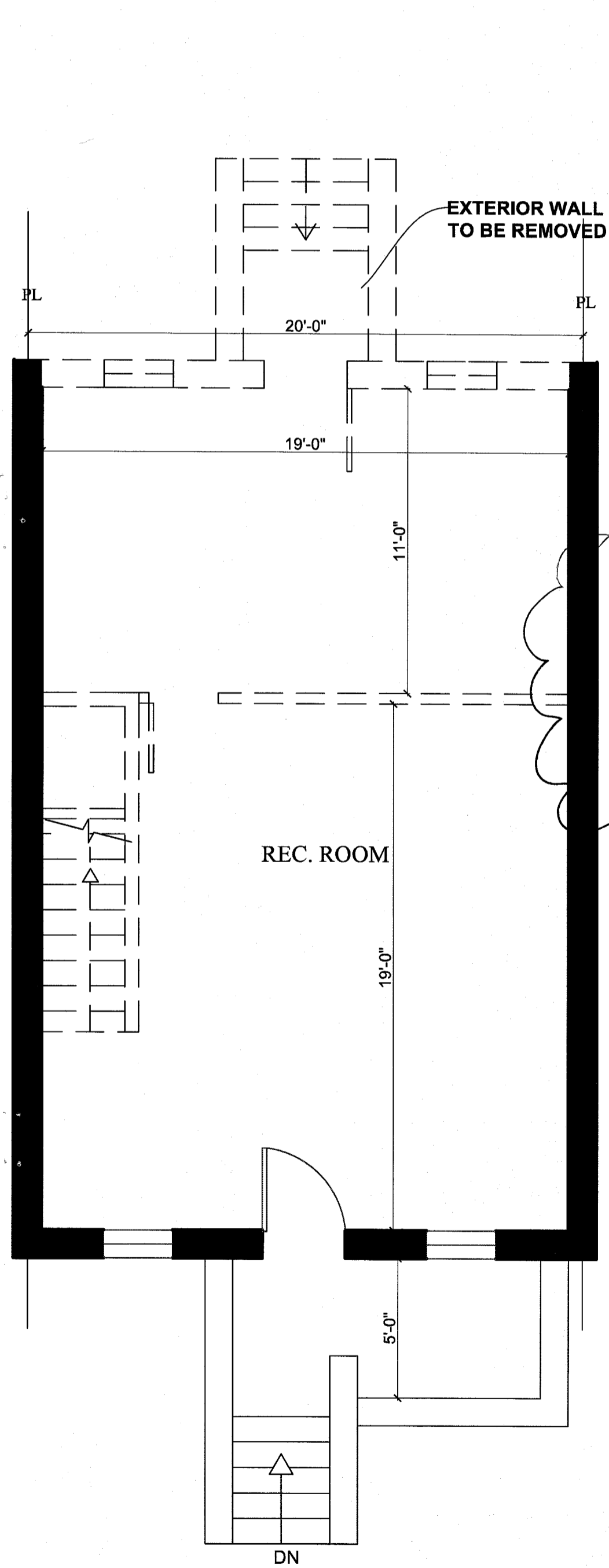
Visit [U303](#)



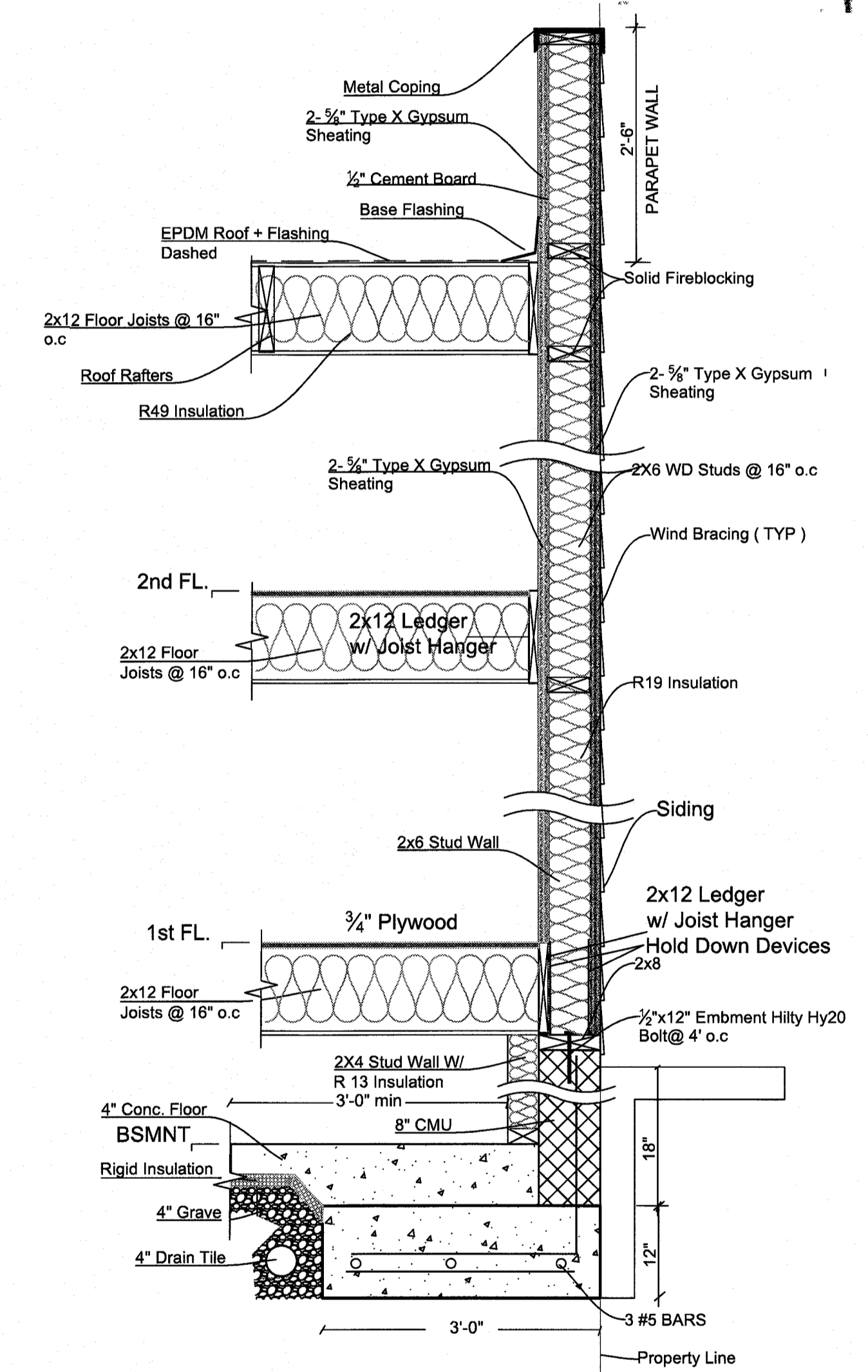
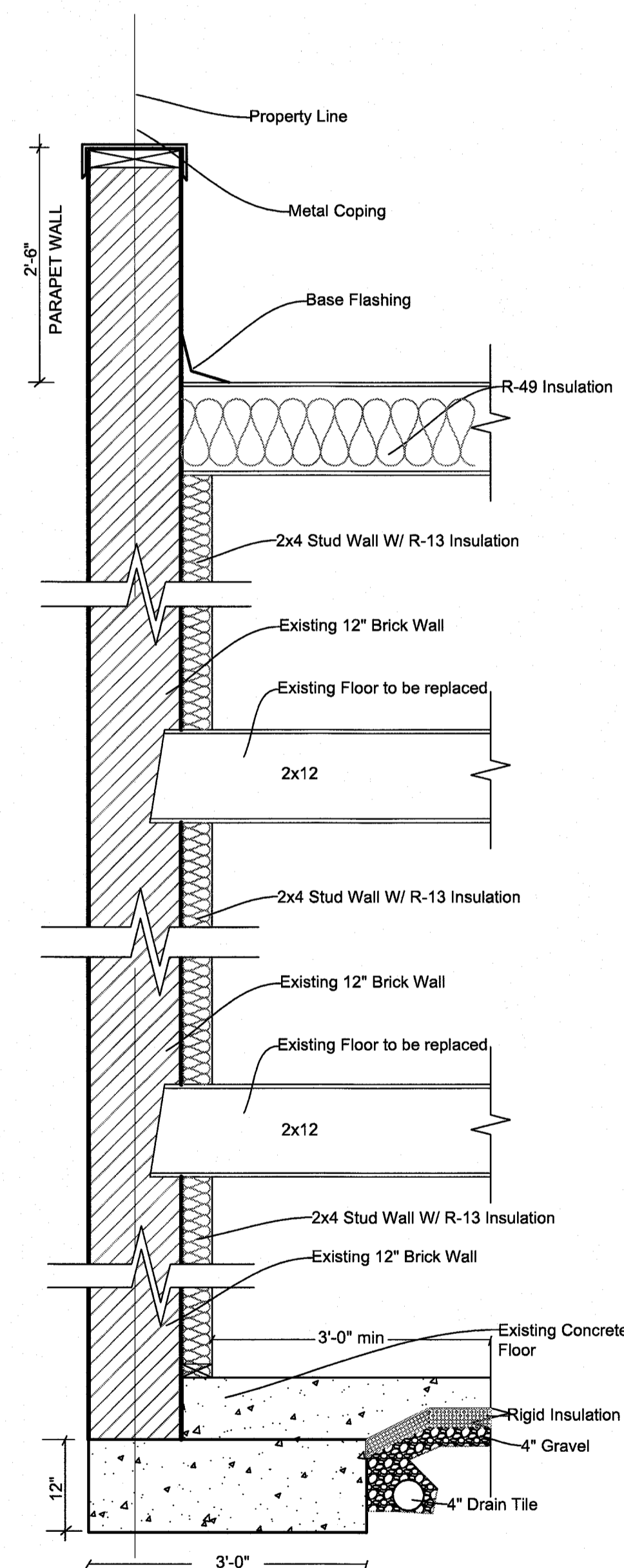
CAD · REVIT · VIEW ASSEMBLY

Fire Test	Fire Rating	STC	Thickness (in.)
UL U303 or GA-WP-8131 Wood Stud (Loadbearing) Exterior Walls	1 hr.	N/A	5-1/8"

- Cement Board - 1/2 in. thick board, applied vertically or horizontally - **DUROCK Brand Cement Board Next Gen**
- Sheathing Materials - Min 15/32 in. thick, 4 ft wide, wood structural panels, min grade "sheathing" applied vertically
- Wood Studs - 2x4 wood studs spaced max 16 in. OC
- Batts and Blankets - 3 in. mineral wool batt insulation
- Gypsum Board - 5/8 in. thick gypsum board applied vertically or horizontally.
- **SHEETROCK® UltraLight Firecode X Gypsum Panels**



\* The walls were filled with solid black color to create a visible line.



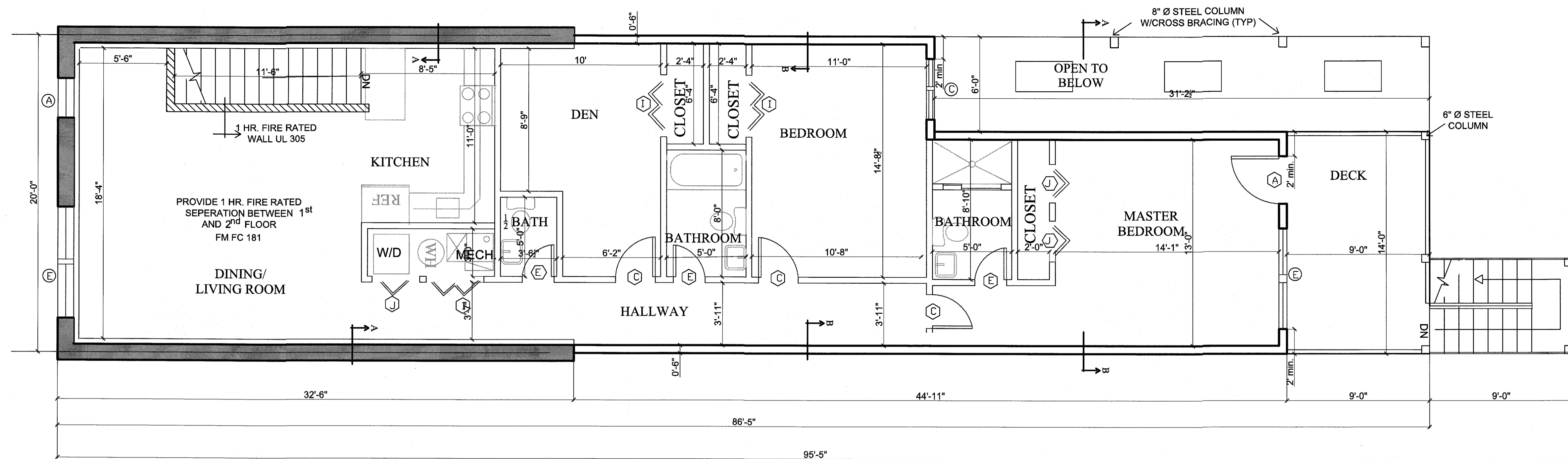
**PARTITION LEGEND:**

—	EXIST. PARTITION TO REMAIN
- - -	EXIST. PARTITION TO BE REMOVED

**HOUSE RENOVATION AND ADDITION**  
1117 ALLISON STREET N.W.

**A3**



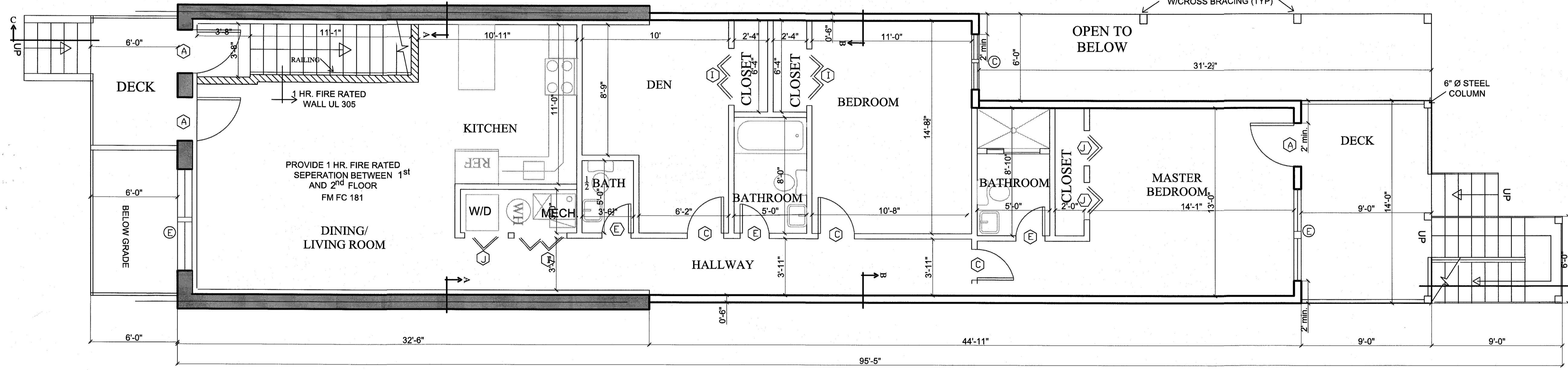
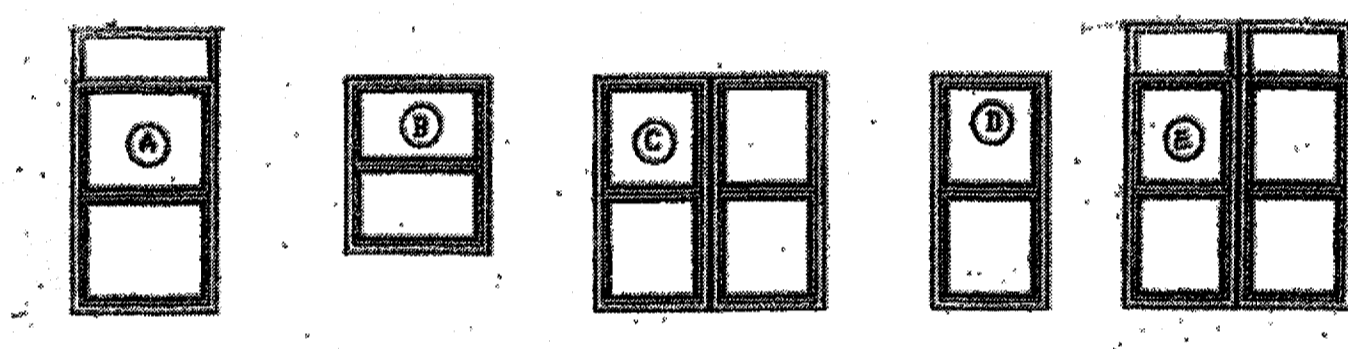


PROPOSED SECOND FLOOR PLAN  
SCALE: 1/4" = 1'-0"

DOOR SCHEDULE						
SYM BOL	WIDTH	HEIGHT	THICK-NESS	MATERIAL	TYPE	REMARKS
A	3'-0"	6'-8"	1 3/8"	WOOD	SOLID CORE	1 HR. FIRE RATED DOOR
B	2'-0"	6'-8"	1 3/8"	WOOD	SOLID CORE	
C	2'-0"	6'-8"	1 3/8"	WOOD	SOLID CORE	
D	2'-0"	6'-8"	1 3/8"	WOOD	SOLID CORE	
E	2'-0"	6'-8"	1 3/8"	WOOD	SOLID CORE	
F	4'-0"	6'-8"	1 3/8"	WOOD	FRENCH	
G	6'-0"	6'-8"	1 3/8"	WOOD	FRENCH	
H	5'-0"	6'-8"	1 3/8"	WOOD	HIFOLD	
I	4'-0"	6'-8"	1 3/8"	WOOD	HIFOLD	
J	3'-0"	6'-8"	1 3/8"	WOOD	HIFOLD	
K	8'-0"	6'-8"	1 3/8"	METAL	PATIO	

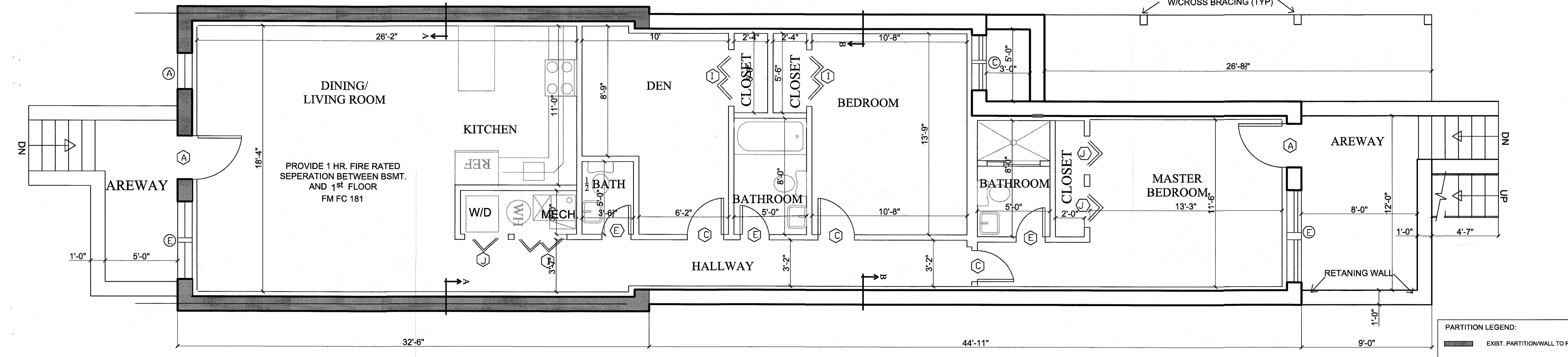
WINDOW SCHEDULE					
NUMBER	SIZE	TYPE	MATERIAL	GLAZING	REMARKS
(A)	3'-0" x 4'-0"	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	
(B)	2'-0" x 3'-0"	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	
(C)	6'-0" x 4'-0"	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	
(D)	2'-0" x 3'-0"	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	
(E)	7'-0" x 4'-0"	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	
(F)	6'-0" x 3'-0"	DOUBLE-HUNG	VINYL CLAD	1" INSULATED DOUBLE-PANE	

NOTES:  
1. ALL WINDOWS SHALL BE SUPPLIED WITH EXTERIOR FULL ALUMINUM SCREENS.  
2. SIZES SHALL BE VERIFIED AT THE SITE WITH FIELD MEASUREMENTS ONLY.



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

ROOM FINISH SCHEDULE						
ROOM/AREA	FLOOR	WALL	BASE	WAINSCOT	CEILING	REMARKS
PORCH	HARDWOOD	GYP. BD. 5/8" WOOD	NONE	NONE	GYP. BD.	REFINISH & REPAIR EXISTING
LIVING ROOM	HARDWOOD	GYP. BD. 5/8" WOOD	NONE	NONE	GYP. BD.	
DINING ROOM	HARDWOOD	GYP. BD. 5/8" WOOD	NONE	NONE	GYP. BD.	
PORCH ROOM	CERAMIC TILE	GYP. BD. CERAMIC (CONVD)	NONE	NONE	GYP. BD.	
HALLWAY	HARDWOOD	GYP. BD. 5/8" WOOD	NONE	NONE	GYP. BD.	
STAIRS	DAK	GYP. BD. 5/8" WOOD	NONE	NONE	GYP. BD.	
KITCHEN	1/2" x 1/2" VINYL TILE	GYP. BD. 5/8" WOOD	NONE	NONE	GYP. BD.	
BEDROOM	HARDWOOD	GYP. BD. 5/8" WOOD	NONE	NONE	GYP. BD.	
BEDROOM	HARDWOOD	GYP. BD. 5/8" WOOD	NONE	NONE	GYP. BD.	
BATHROOM	CERAMIC TILE	GYP. BD. CERAMIC (CONVD)	CERAMIC TILE	NONE	GYP. BD.	
UTILITY ROOM	1/2" x 1/2" VINYL TILE	GYP. BD. 5/8" WOOD	NONE	NONE	GYP. BD.	

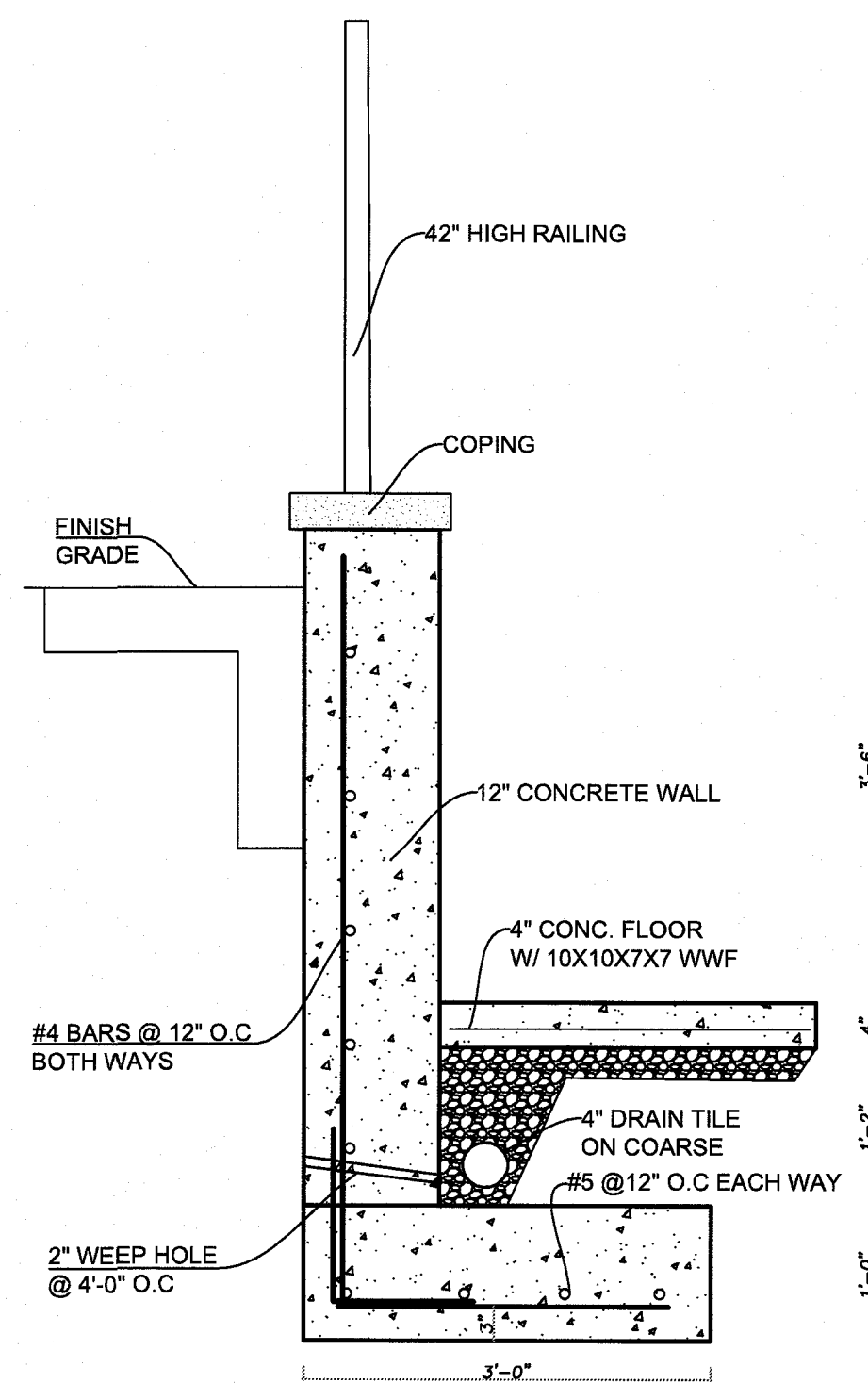


PROPOSED BASEMENT FLOOR PLAN  
SCALE: 1/4" = 1'-0"

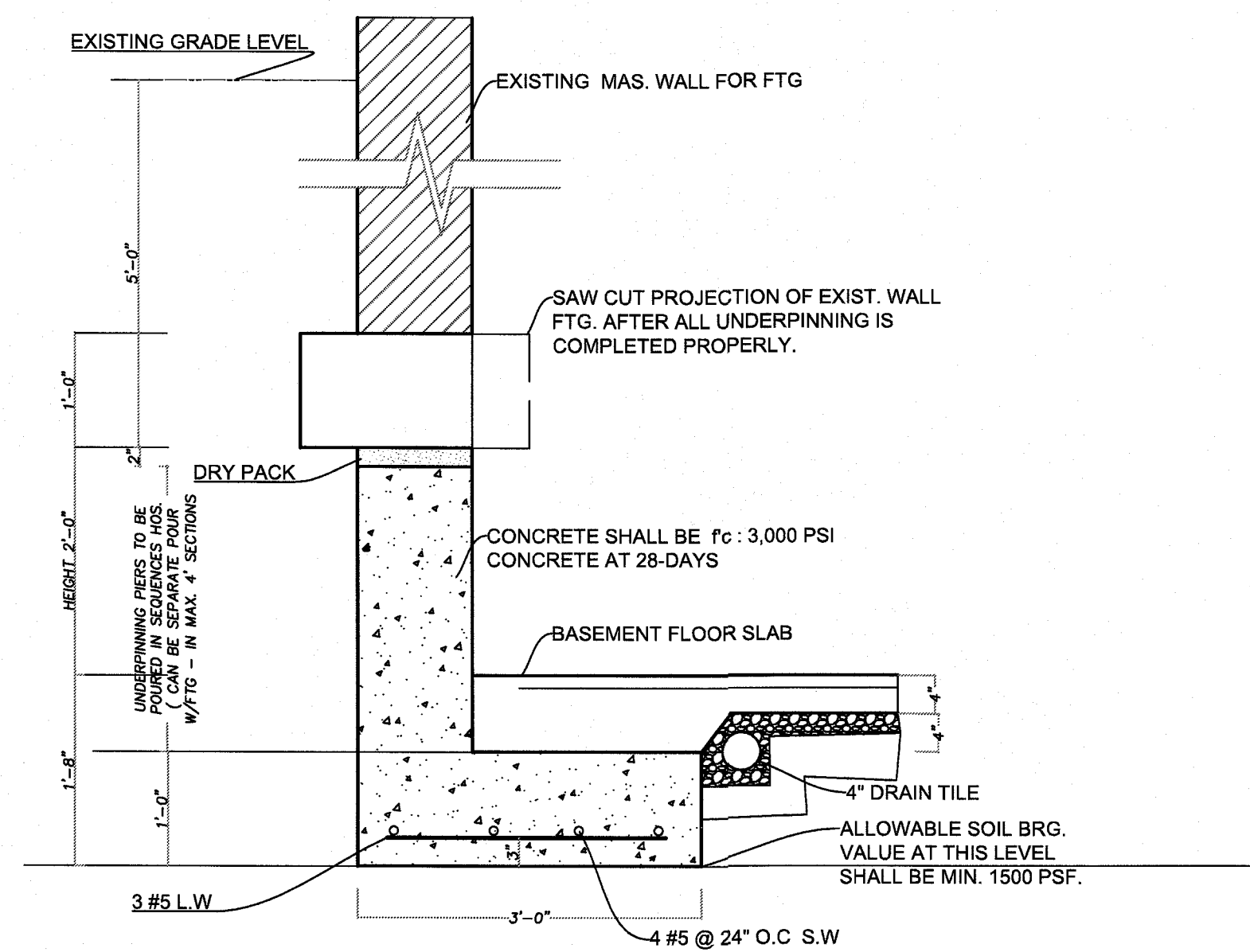
PARTITION LEGEND:  
 - - - - - EXIST. PARTITION/WALL TO REMAIN  
 ——— NEW PARTITION  
 - - - - - EXIST. PARTITION TO BE REMOVED

DCRA/OFFICE OF THE ZONING ADMINISTRATOR COMPLIES WITH REQUIREMENTS OF DC ZONING REGULATIONS (11DCMR)  
 2/22 10/23/15  
 DISTRICT OF COLUMBIA  
 QUINCY WORRELL  
 REGISTERED PROFESSIONAL ENGINEER

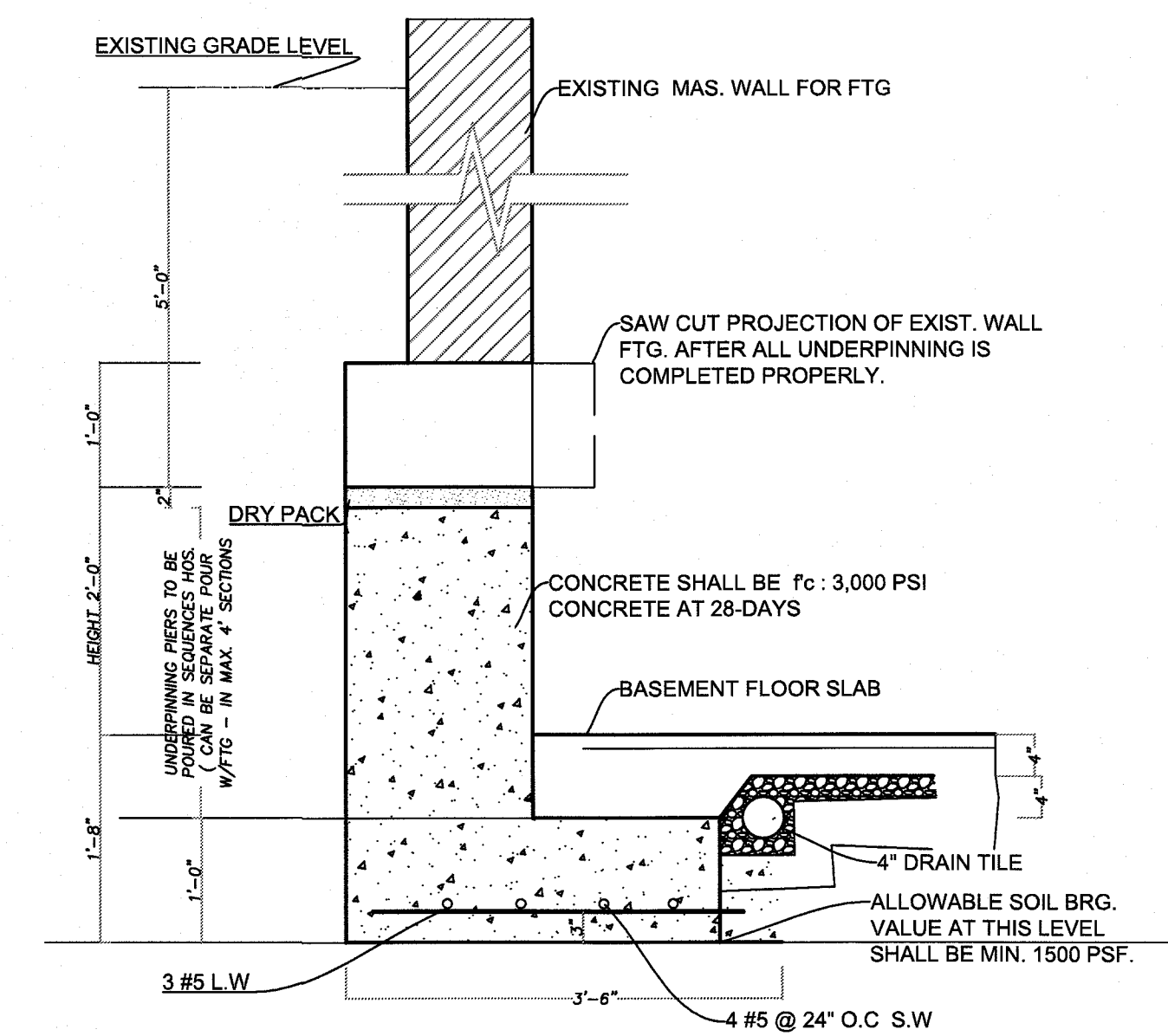
HOUSE RENOVATION AND ADDITION  
 1117 ALLISON STREET N.W.  
 A4



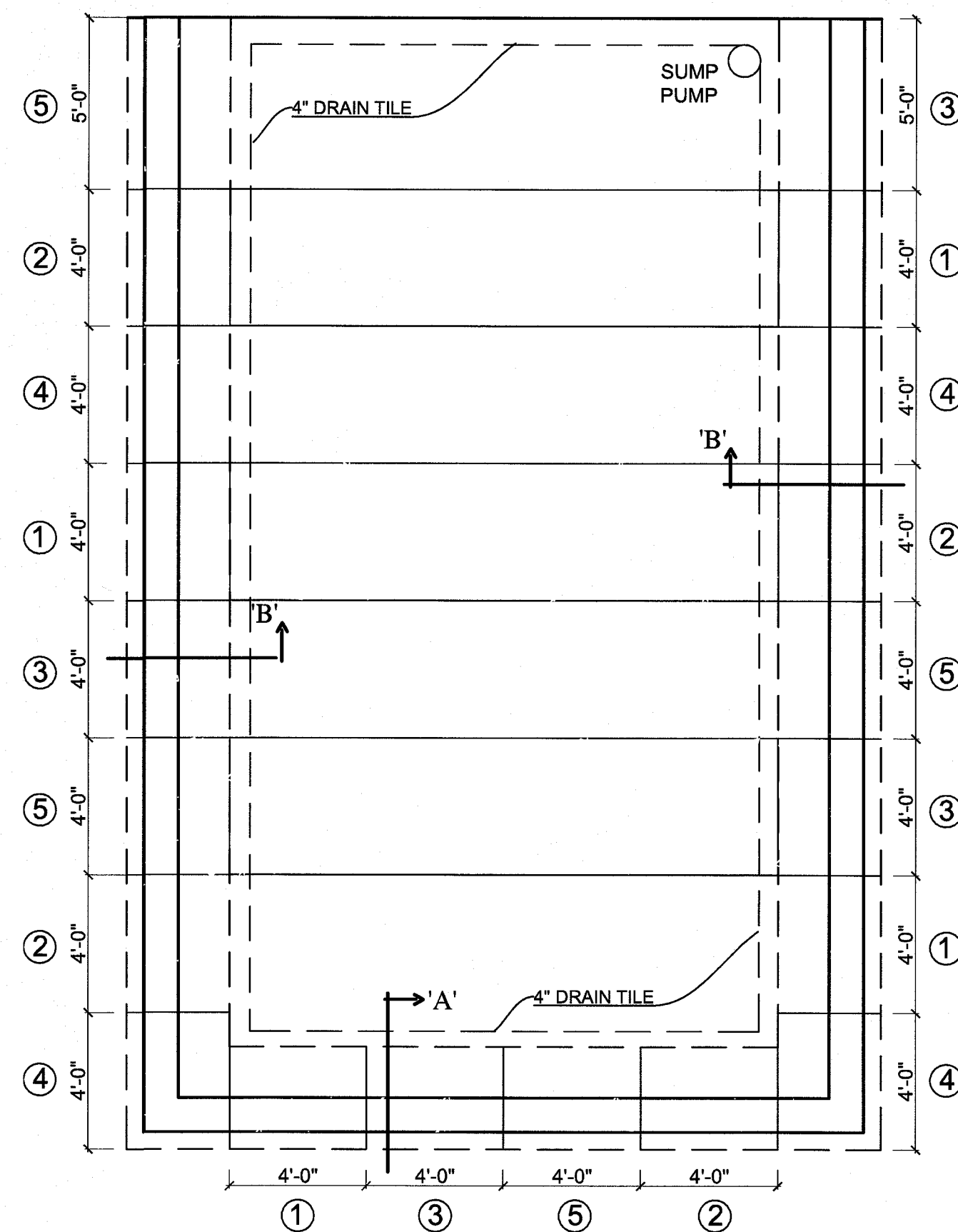
RETAINING WALL DETAIL  
SCALE: 3/4" = 1'-0"



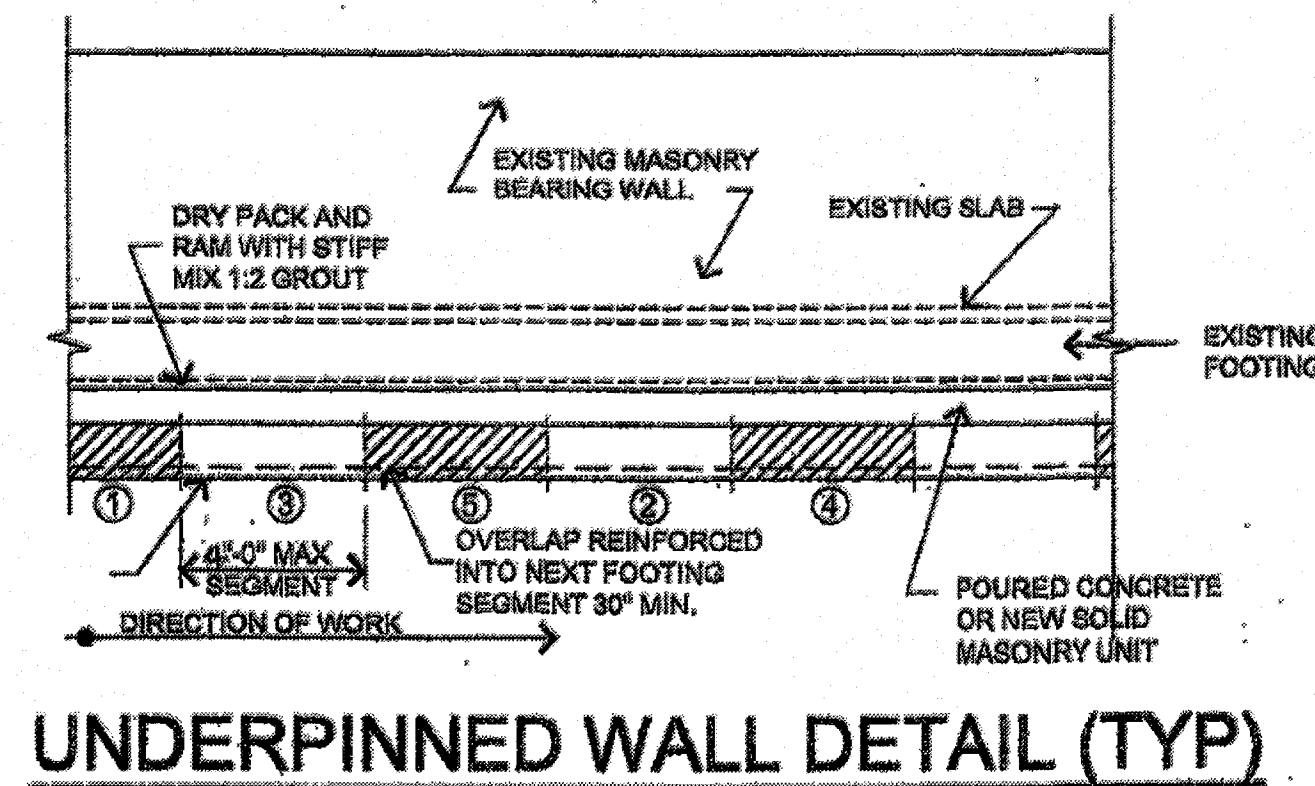
WALL UNDERPINNING DETAILS 'B'  
SCALE: 3/4" = 1'-0"



WALL UNDERPINNING DETAILS 'A'  
SCALE: 3/4" = 1'-0"



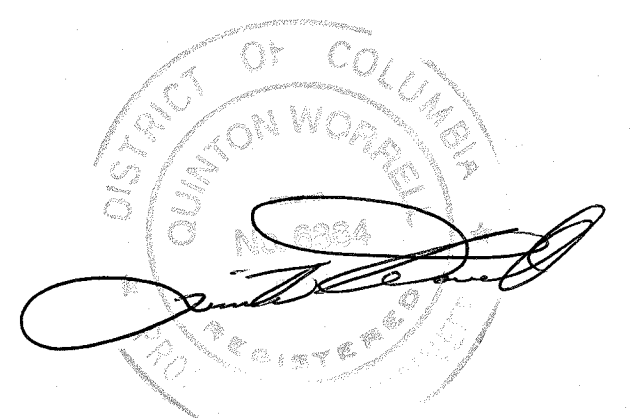
BASEMENT UNDERPINNING PLAN  
SCALE: 1/4" = 1'-0"



UNDERPINNED WALL DETAIL (TYP)

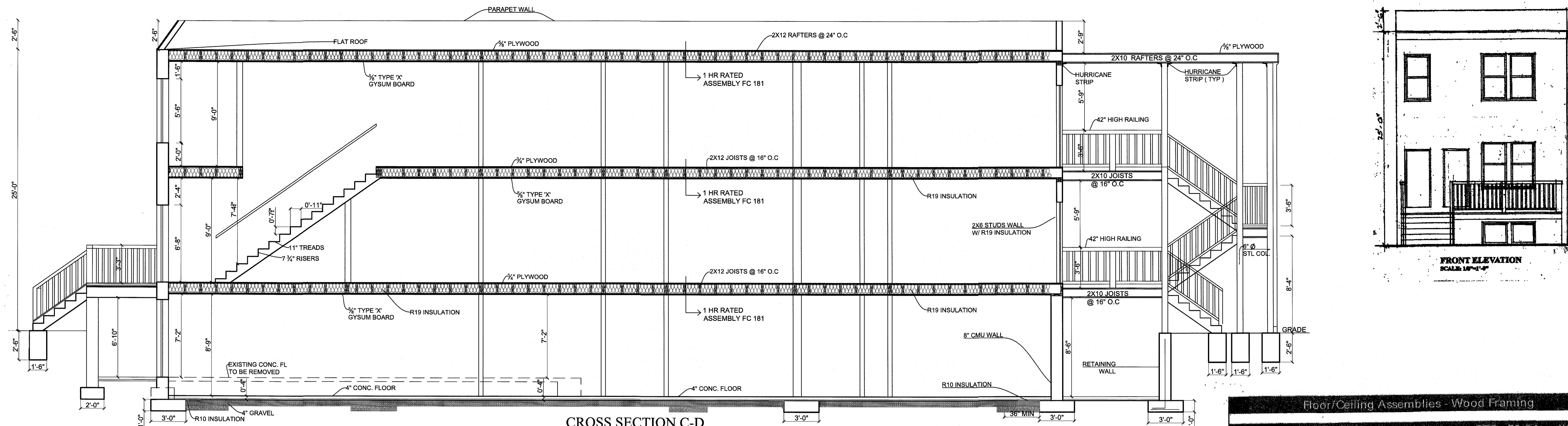
Underpinning work shall be performed by a specialty contractor licensed, bonded and insured in Washington, DC and having a minimum of 5 years of continuous experience in this type of work and under similar conditions.

**SHORING AND BRACING:** Shore/brace/support temporarily floor framing (joists, beams etc.) resting on the walls to be removed. The ground supporting the shores shall be made level and compacted to guard against settlements. Fasten and brace all shores securely for lateral stability. Check and ensure that all clamps, screws, pins and other components are properly engaged and the shores are tight against floor joists and the concrete slabs and ground. Shoring/bracing shall not be subjected to eccentric and impact, shock and dynamic loads. Shores shall not be supported on sloping surfaces. Shores base plates shall be supported using skills, beams and cribbing in a way to ensure uniform distribution of shore loads.

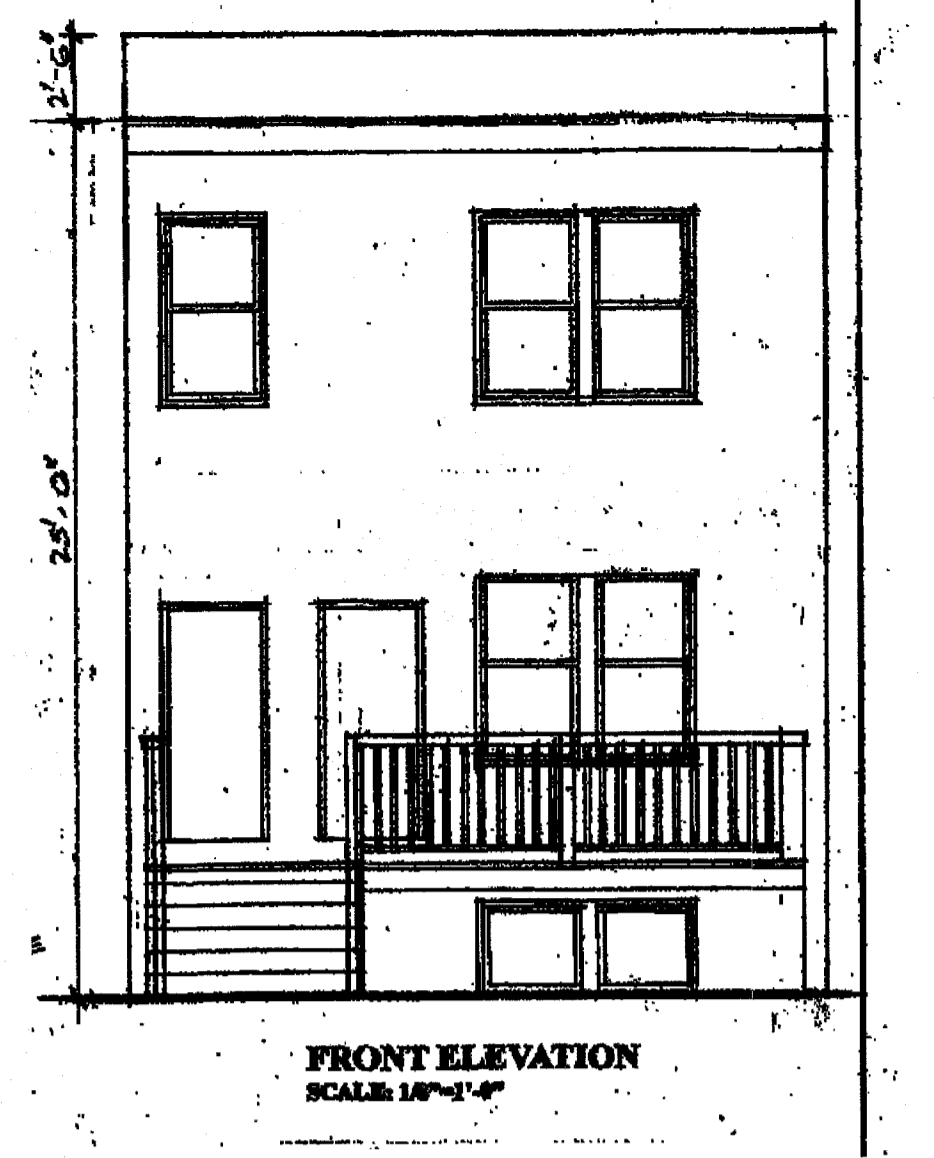


HOUSE RENOVATION  
AND ADDITION  
1117 ALLISON STREET N.W.

A5



**CROSS SECTION C-D**  
SCALE: 1/4"=1'-0"



**Floor/Ceiling Assemblies - Wood Framing**

Design: 1 Hour FM FC-181  
 Approval: STC-50-54 IIC-73  
 Standard: FC 5120

1/2" (12.7 mm) Fire-Shield Gypsum Board applied at right angle to resilient furring channels 24" o.c. with 1" type S drywall screws 8" o.c. at ends and 12" o.c. at intermediate furring channels. Gypsum board end joints located midway between continuous channels and attached to additional pieces of channels 84" inches long with screws 8" o.c. Resilient furring channels applied at right angle to 2x10 wood joists 16" o.c. with 6d coated nails, 1-7/8" long, .085" shank, 1/4" heads per joist. Wood joists supporting 5/8" plywood with exterior glue sub-floor and 3/8" particle board. 3-1/2" fiberglass insulation friction fit in joist cavities supported alternately every 12" by wire rods and resilient furring channels. Sound and IIC tested with Carpet and pad.

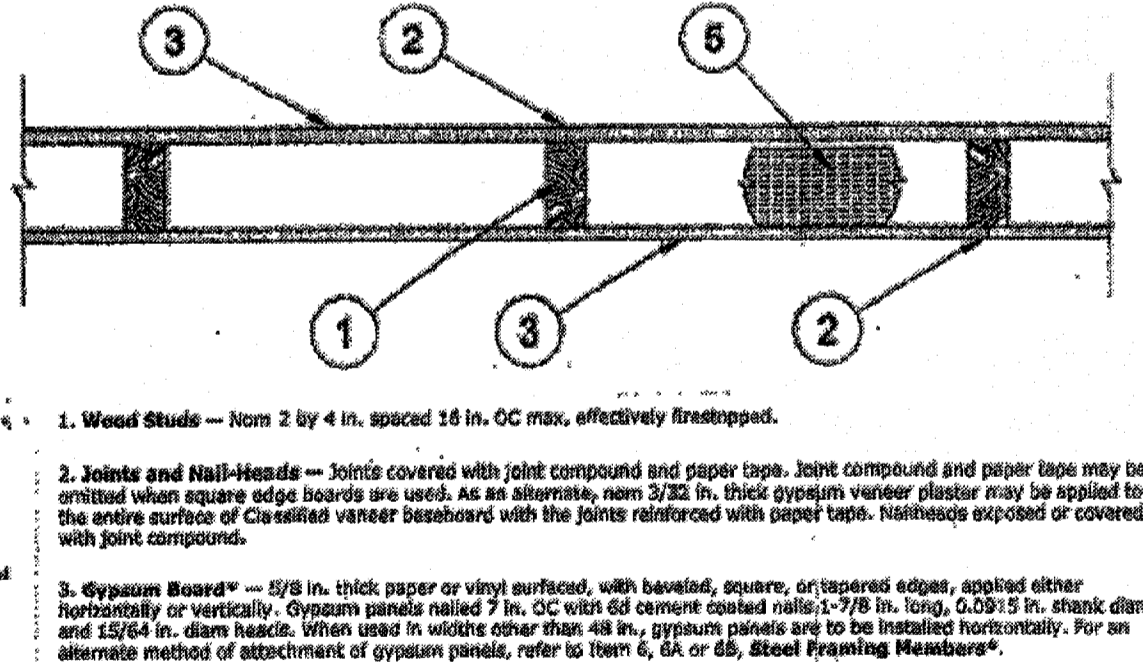
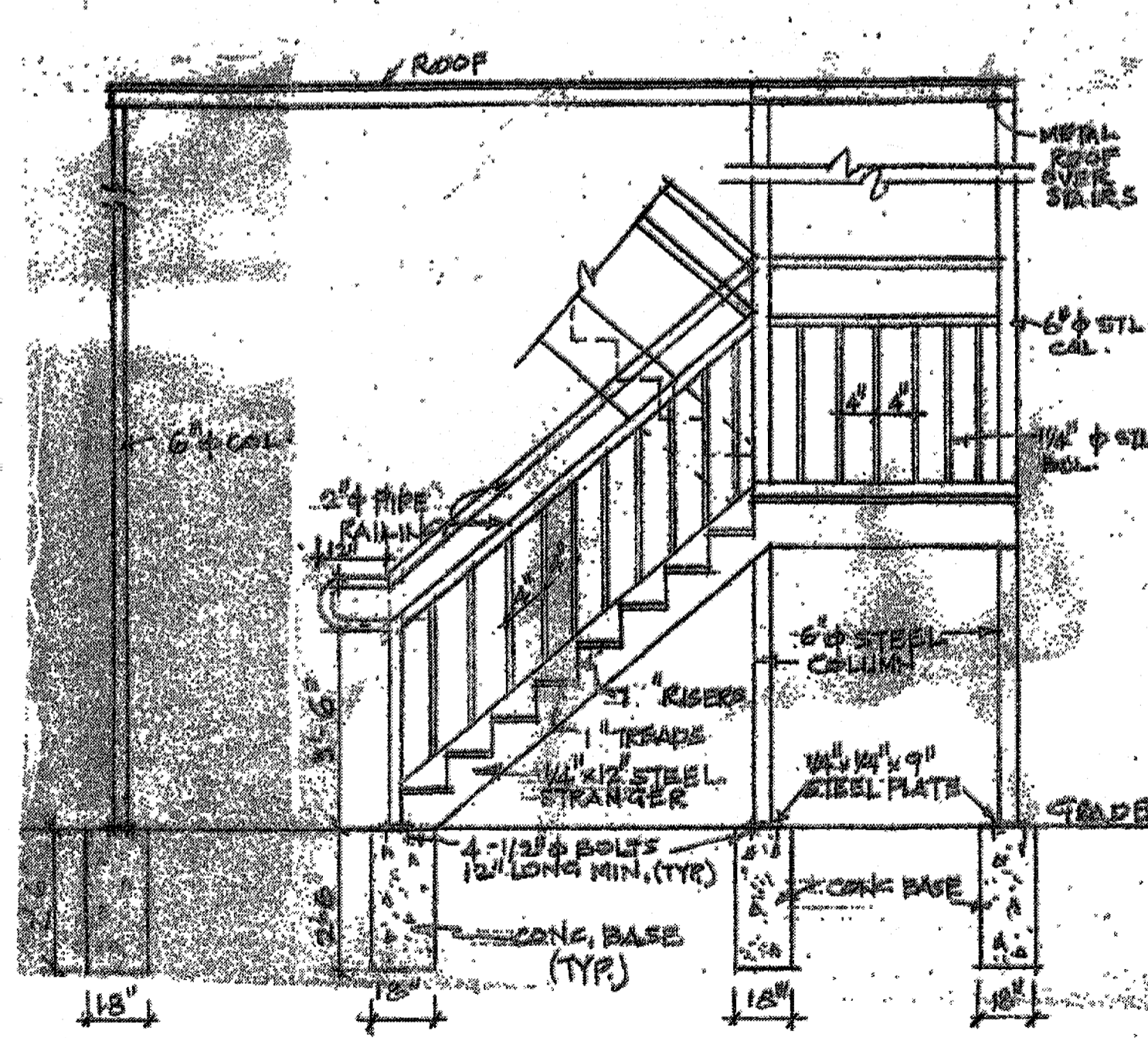
[Link to PDF File](#)  
[Link to DWG File](#)  
[Link to DWG/Text File](#)

**Design No. U305**  
 June 27, 2014  
 Bearing Wall Rating - 1 Hr  
 Floor Rating - See Items 3, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3I and 3J.  
 STC Rating - 54 (See Item 6)

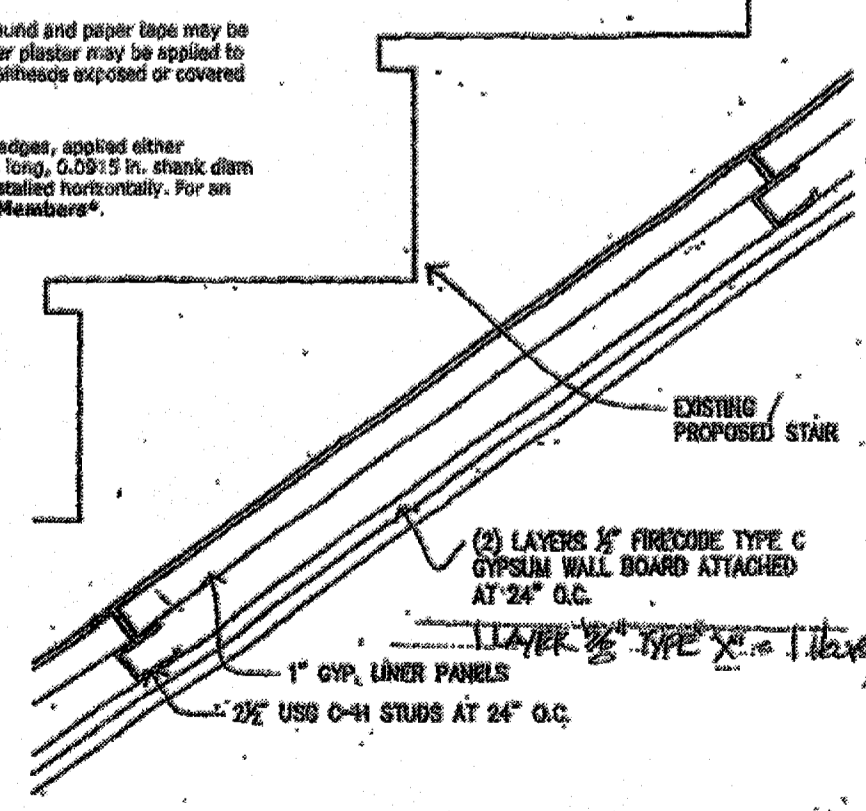
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method such as Canada, a load restriction factor shall be used - See Guide B3012 or B3017.

Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

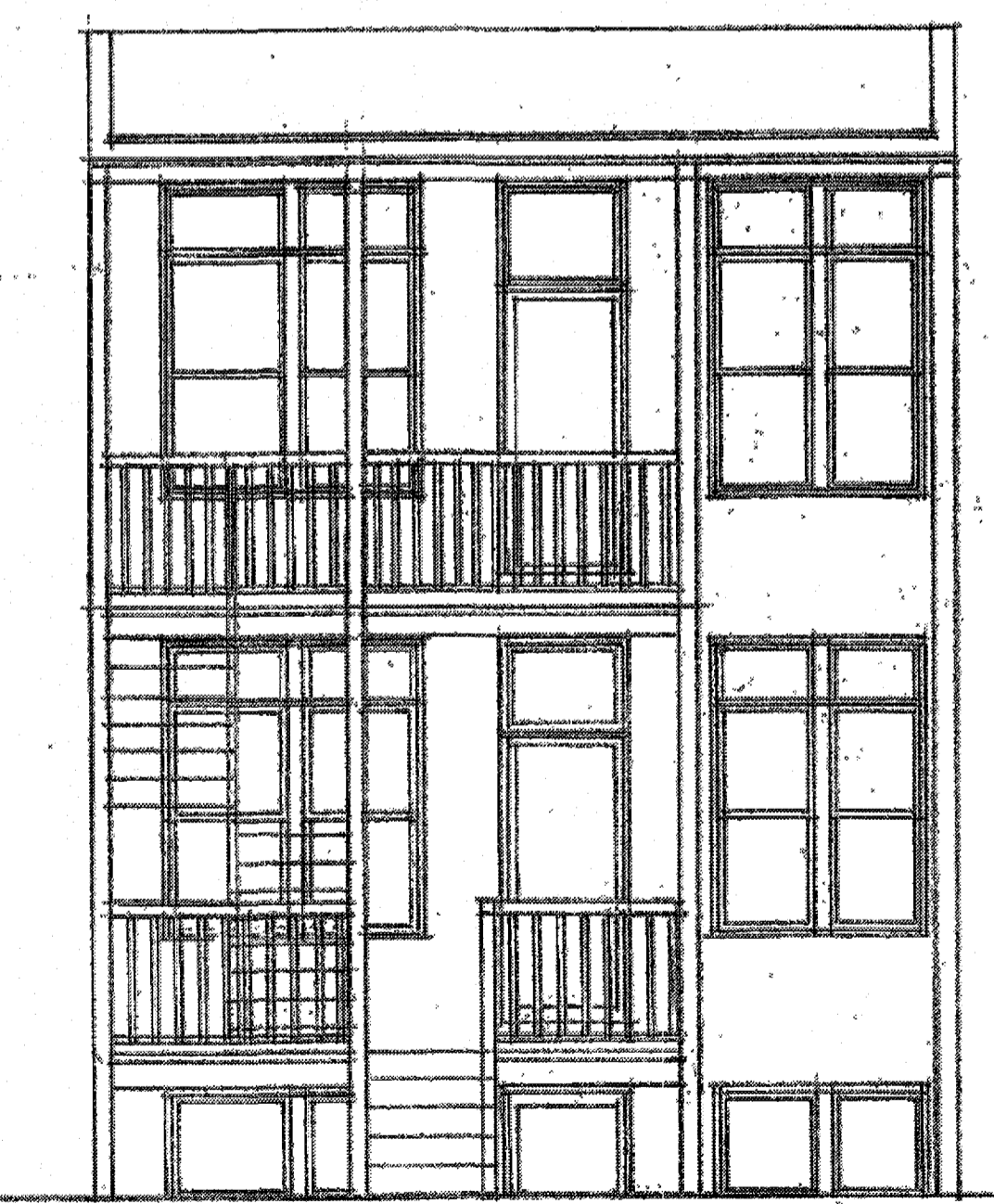
1/2" gypsum panels are attached to all existing horizontal and vertical framing members at the boundaries of the area to be protected. 1/2" gypsum panels are attached to the existing framing members along modified framing spans at a minimum of 24" on center and existing framing spans at a minimum of 24" on center. 2x10 joists of the supported gypsum board shall be 16" o.c. and shall be supported by 2x6 studs on center. All 2x6 studs shall be spaced 16" o.c. and shall be supported by 2x10 joists on center. One-inch thick gypsum board shall be applied to the exterior surface of the 2x6 studs. One-inch thick gypsum board shall be applied to the interior surface of the 2x6 studs. All gypsum board shall be applied to the exterior and interior surfaces of the 2x6 studs. All gypsum board shall be applied to the exterior and interior surfaces of the 2x6 studs. All gypsum board shall be applied to the exterior and interior surfaces of the 2x6 studs.



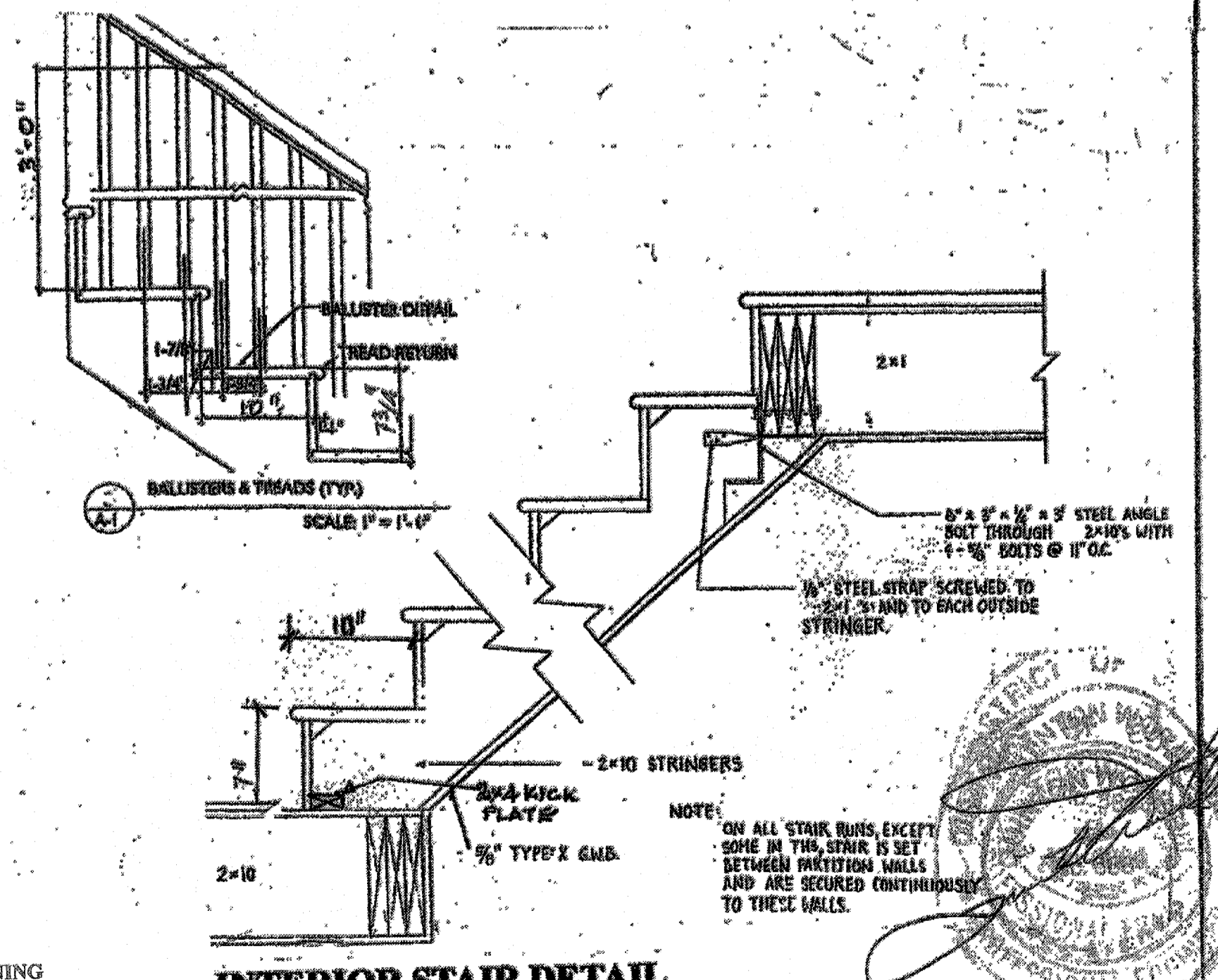
**RATED SLOPED CEILING-BOCA NER-258**



**RATED SLOPED CEILING - 2 HR. / 1 HR.**  
REPORT NO. NER-258  
3/1-0



**REAR ELEVATION**  
SCALE: 1/4"=1'-0"



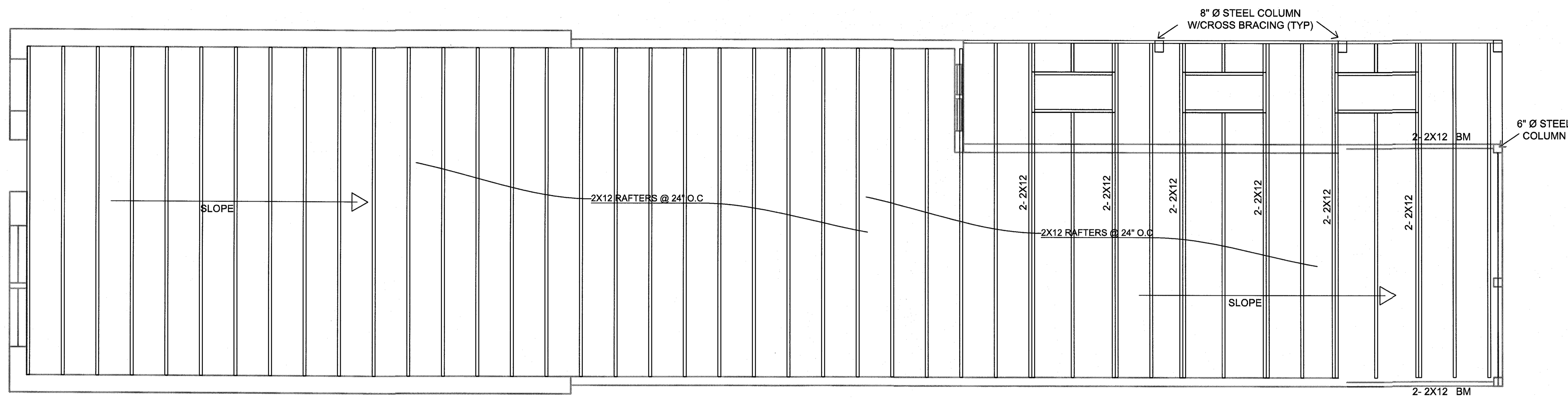
**INTERIOR STAIR DETAIL**

DCRA/OFFICE OF THE ZONING ADMINISTRATOR/COMPLIES WITH REQUIREMENTS OF DC ZONING REGULATIONS (HDCMR)

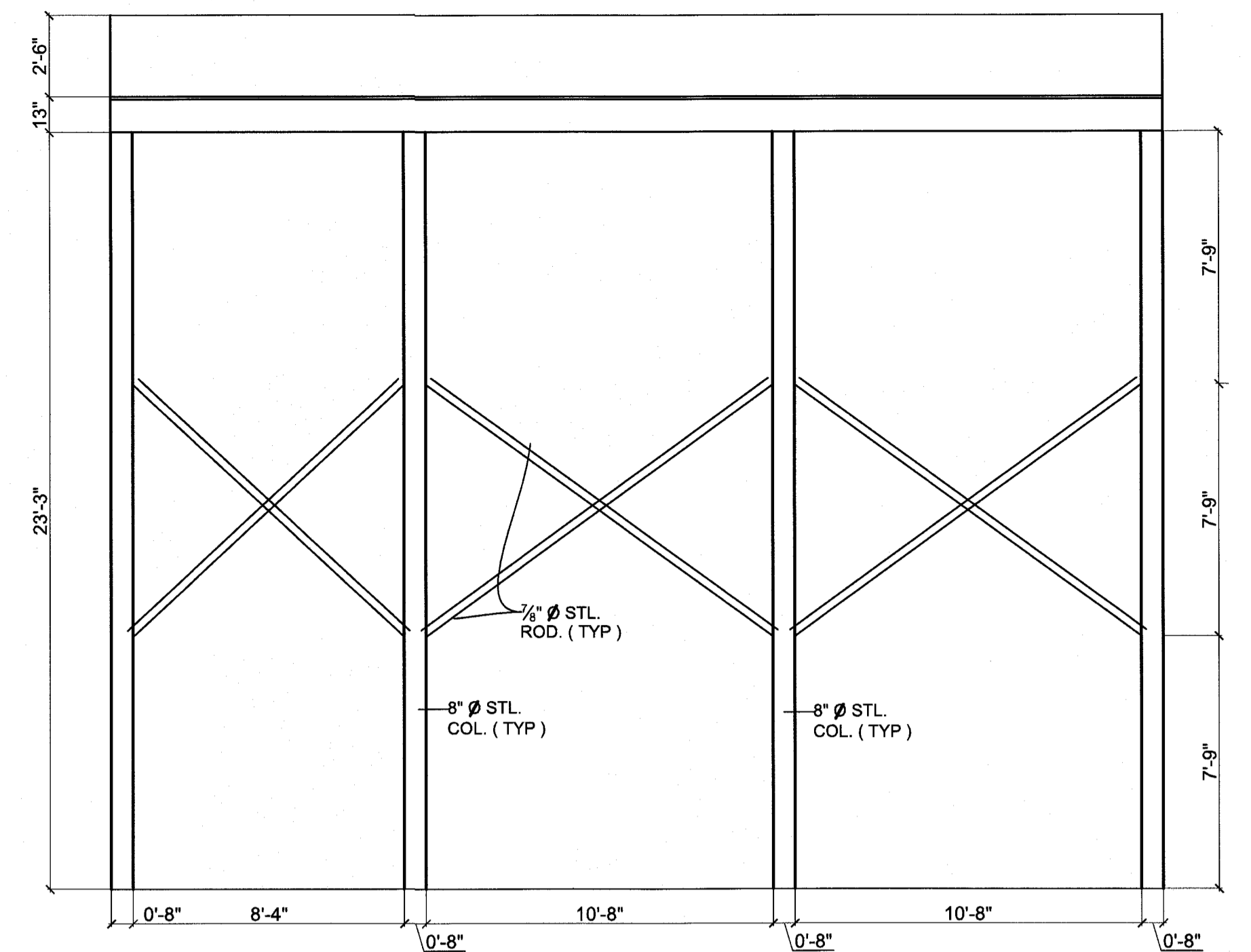
10/23/15  
 QUINCY WOODS  
 REGISTERED ARCHITECT

HOUSE RENOVATION AND ADDITION  
 1117 ALLISON STREET N.W

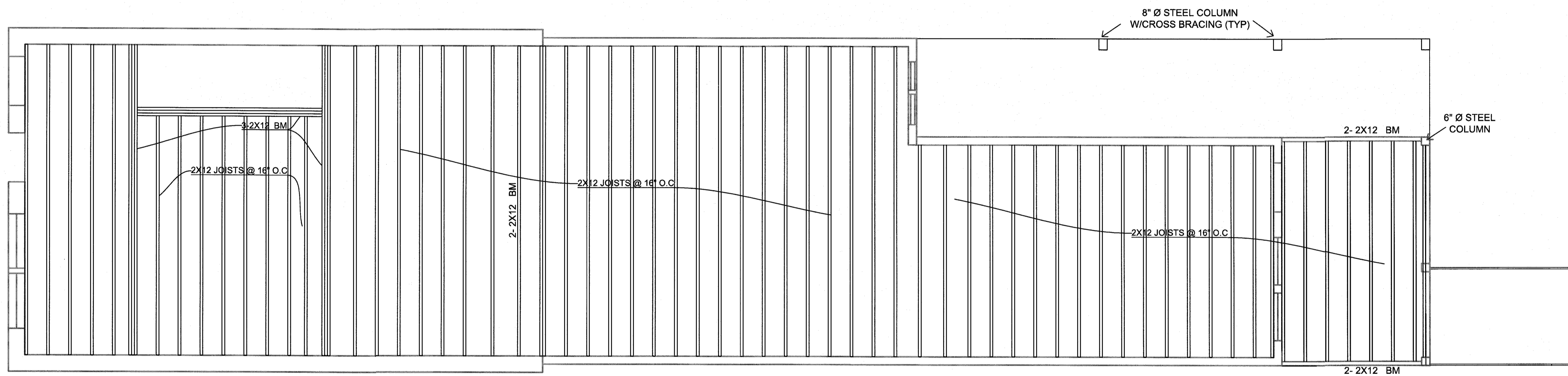
**A6**



**ROOF FRAMING PLAN**  
SCALE: 1/4"=1'-0"

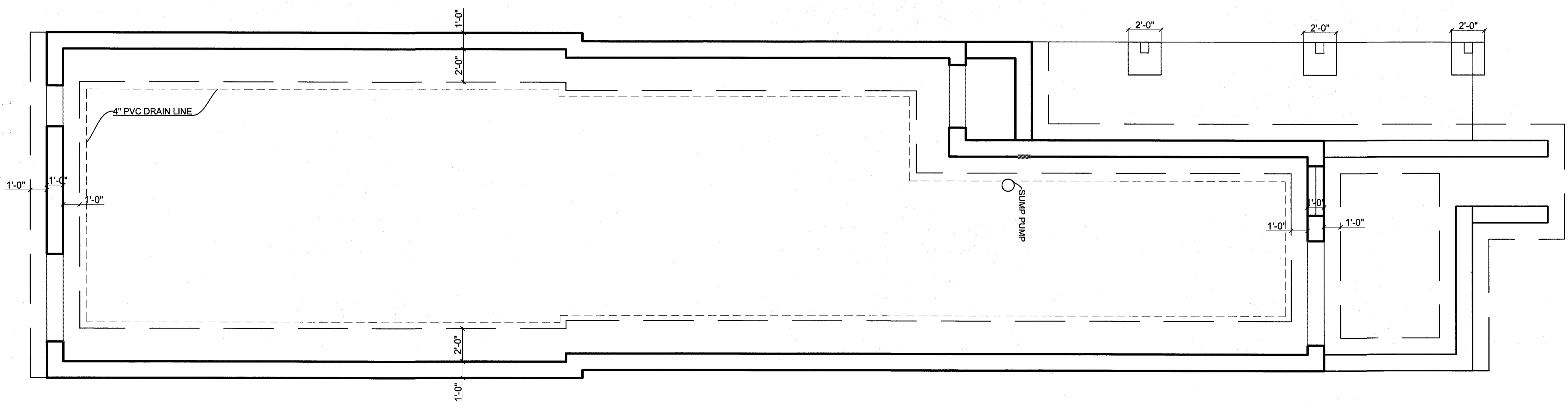
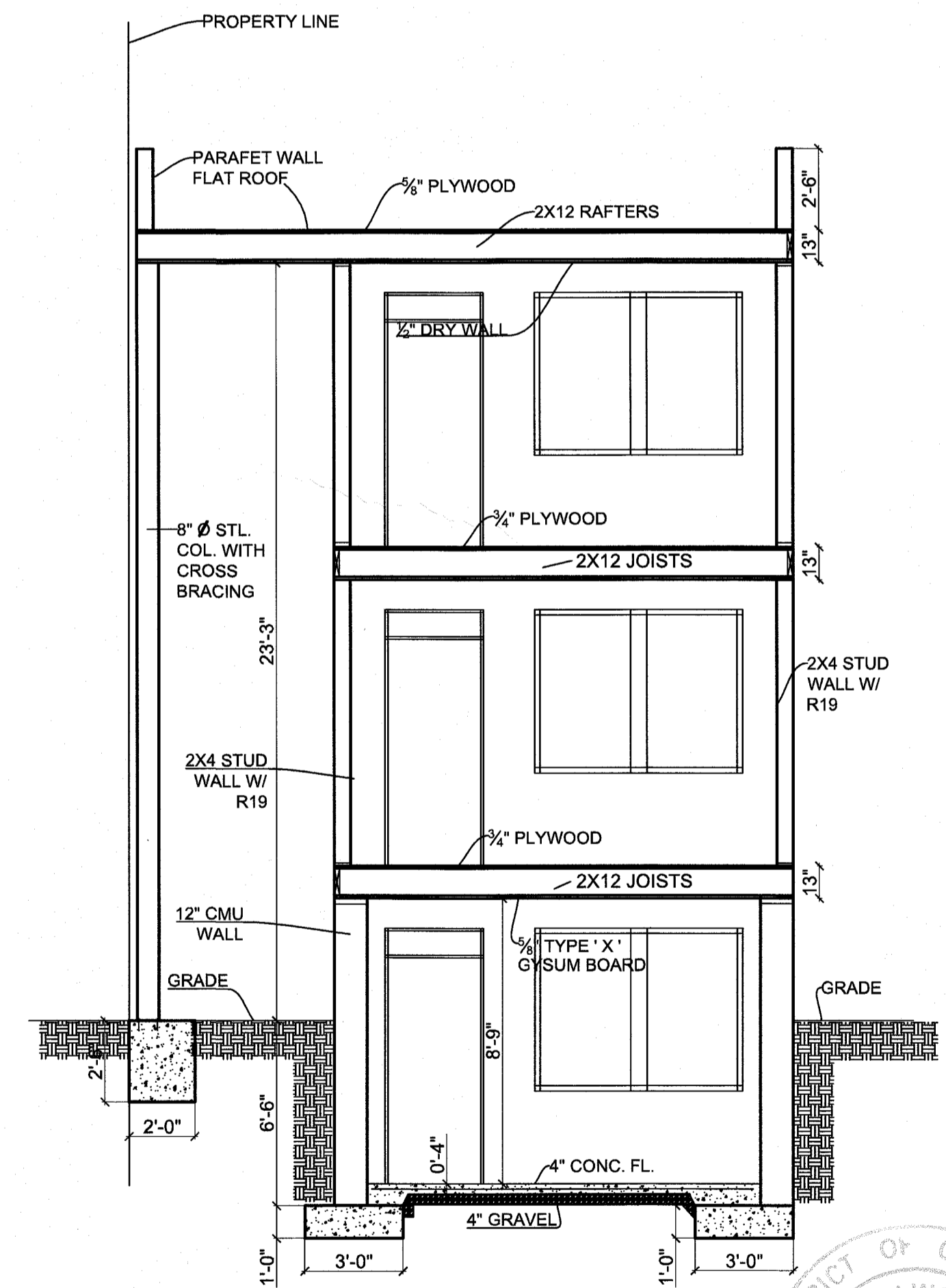


**WEST ELEVATION**  
SCALE: 1/4"=1'-0"



**2ND FLOOR FRAMING PLAN**  
SCALE: 1/4"=1'-0"

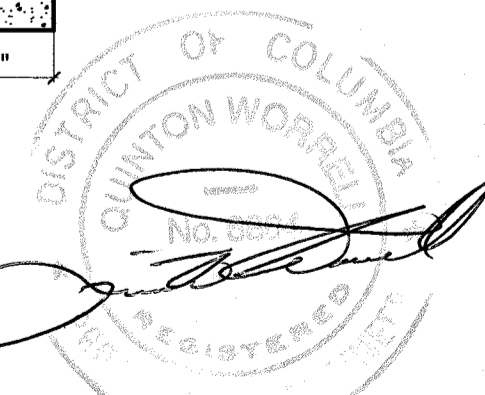
NOTE: 1ST FLOOR FRAMING MEMBERS SAME AS 2ND FLOOR



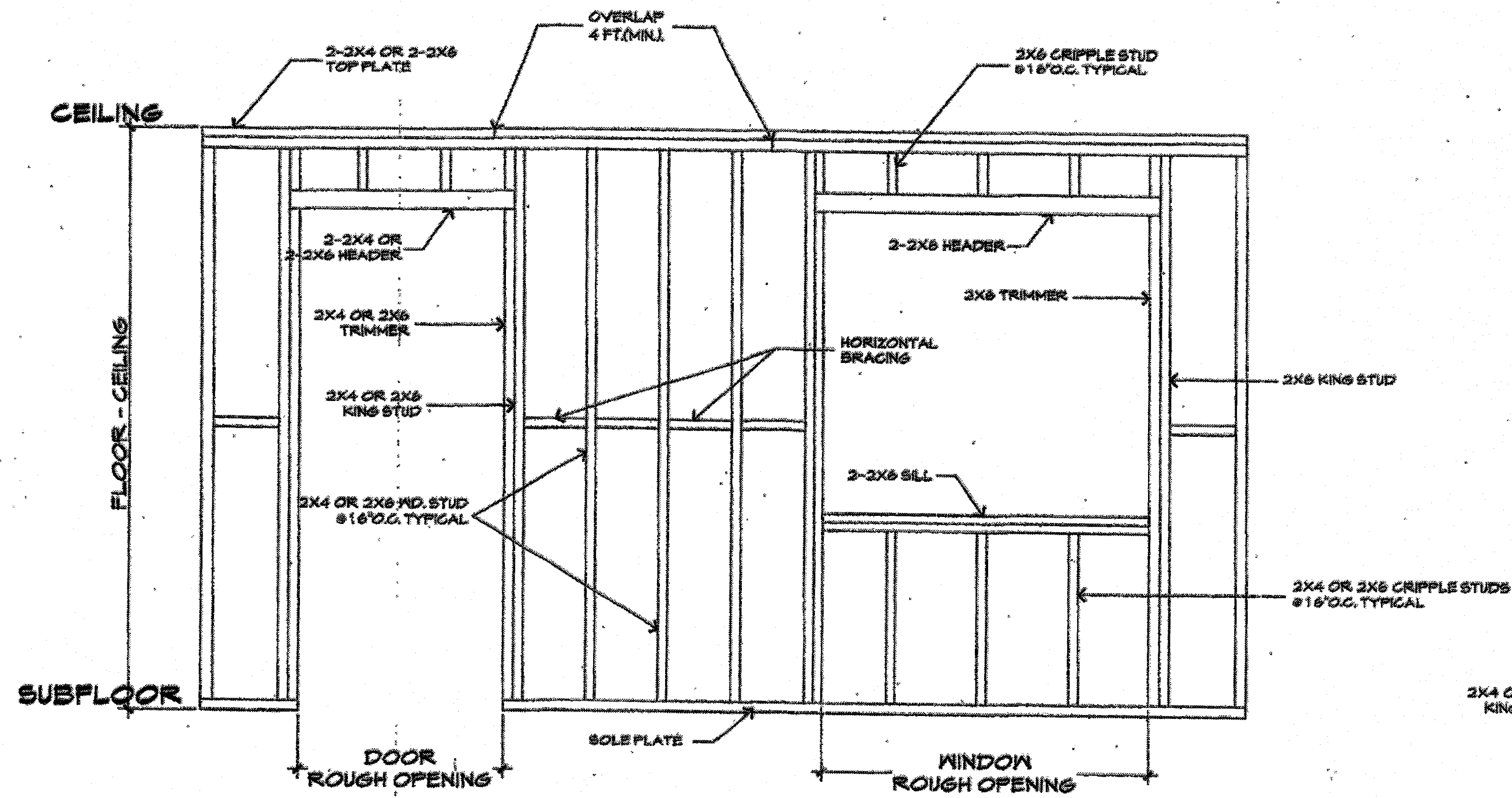
**FOUNDATION PLAN**  
SCALE: 1/4"=1'-0"

HOUSE RENOVATION  
AND ADDITION  
1117 ALLISON STREET N.W.

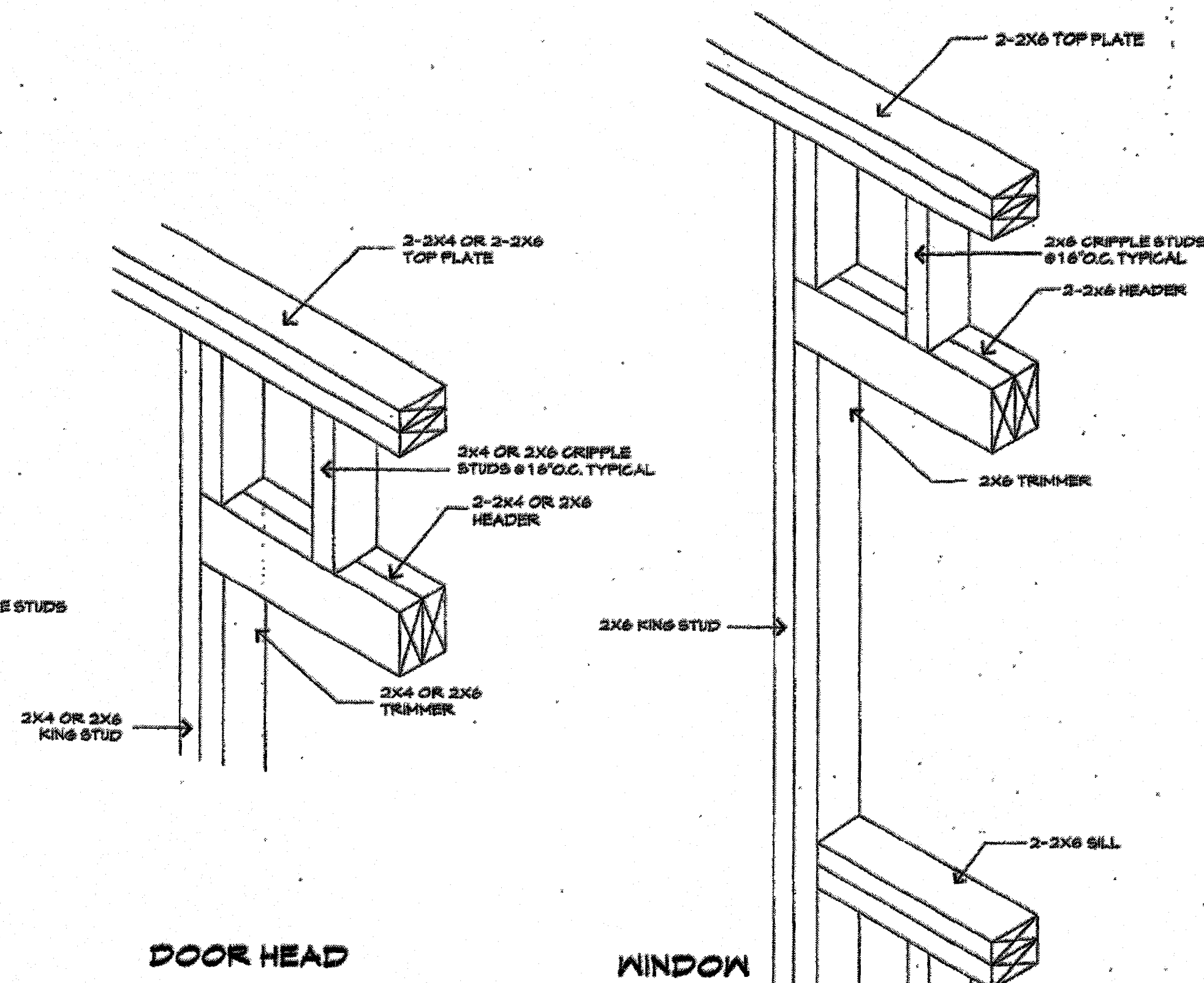
A7



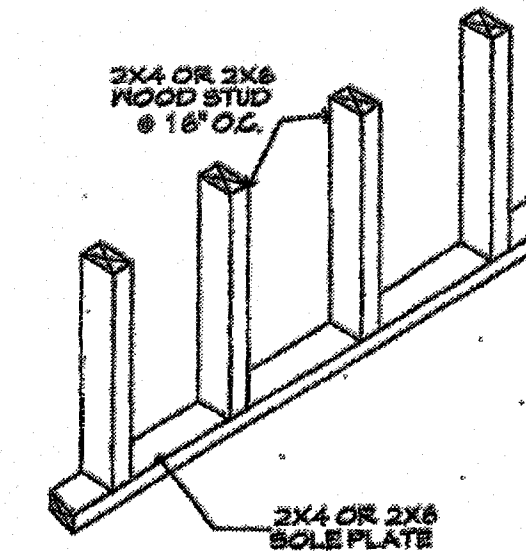




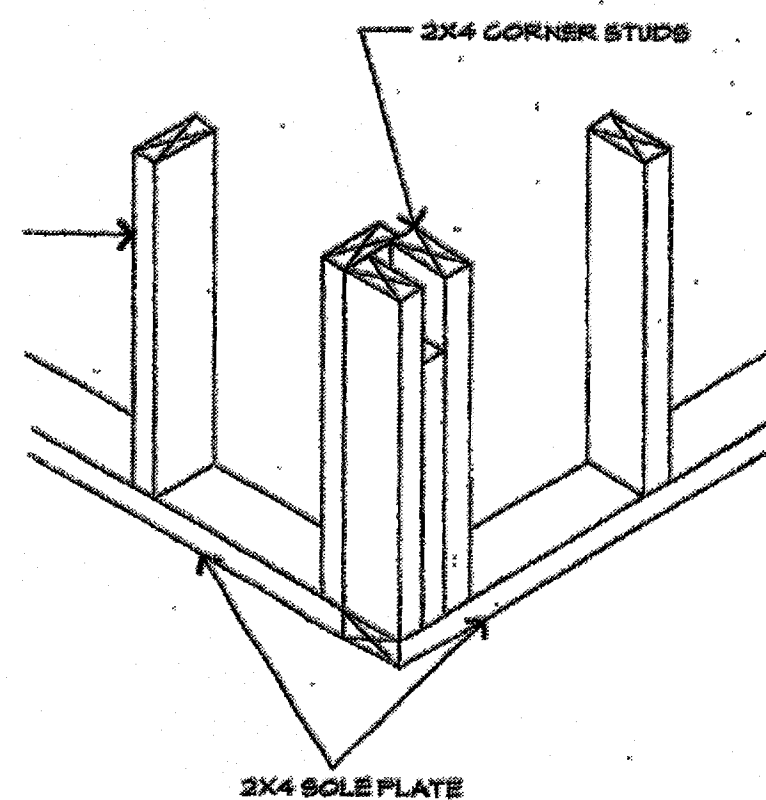
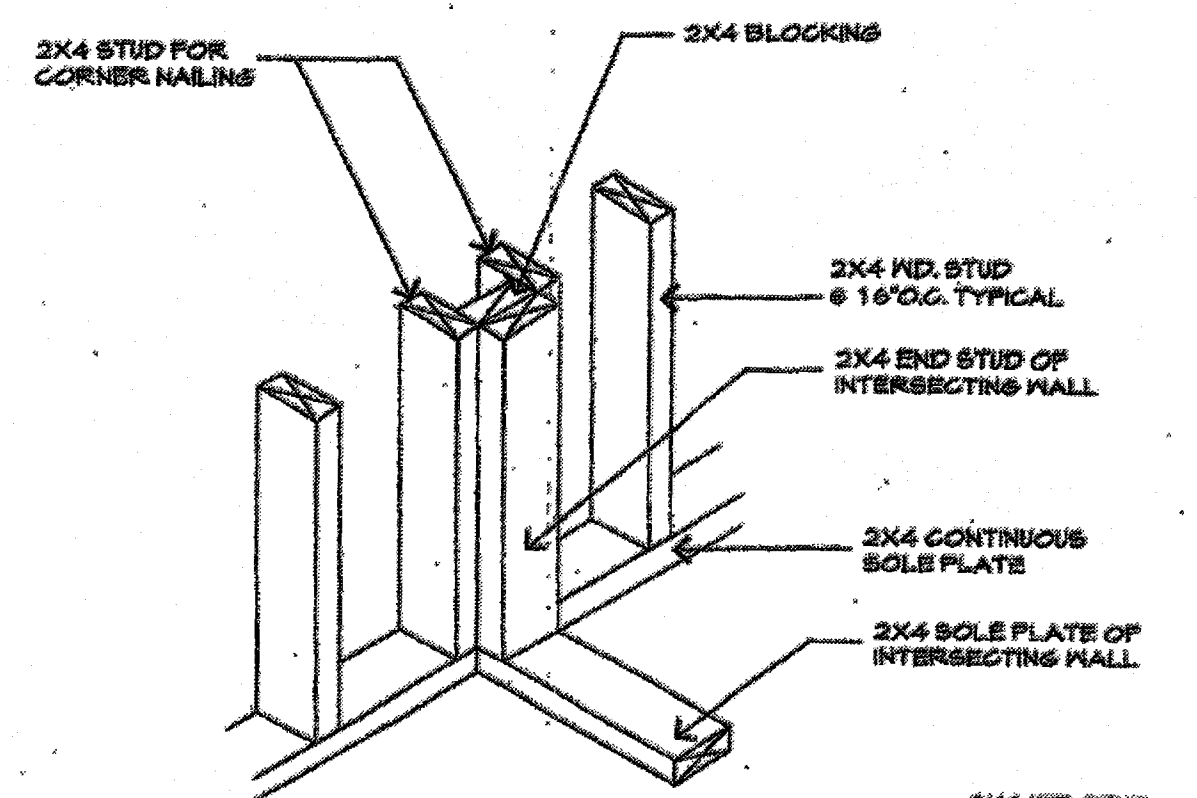
**TYPICAL WALL FRAMING**  
NOT TO SCALE



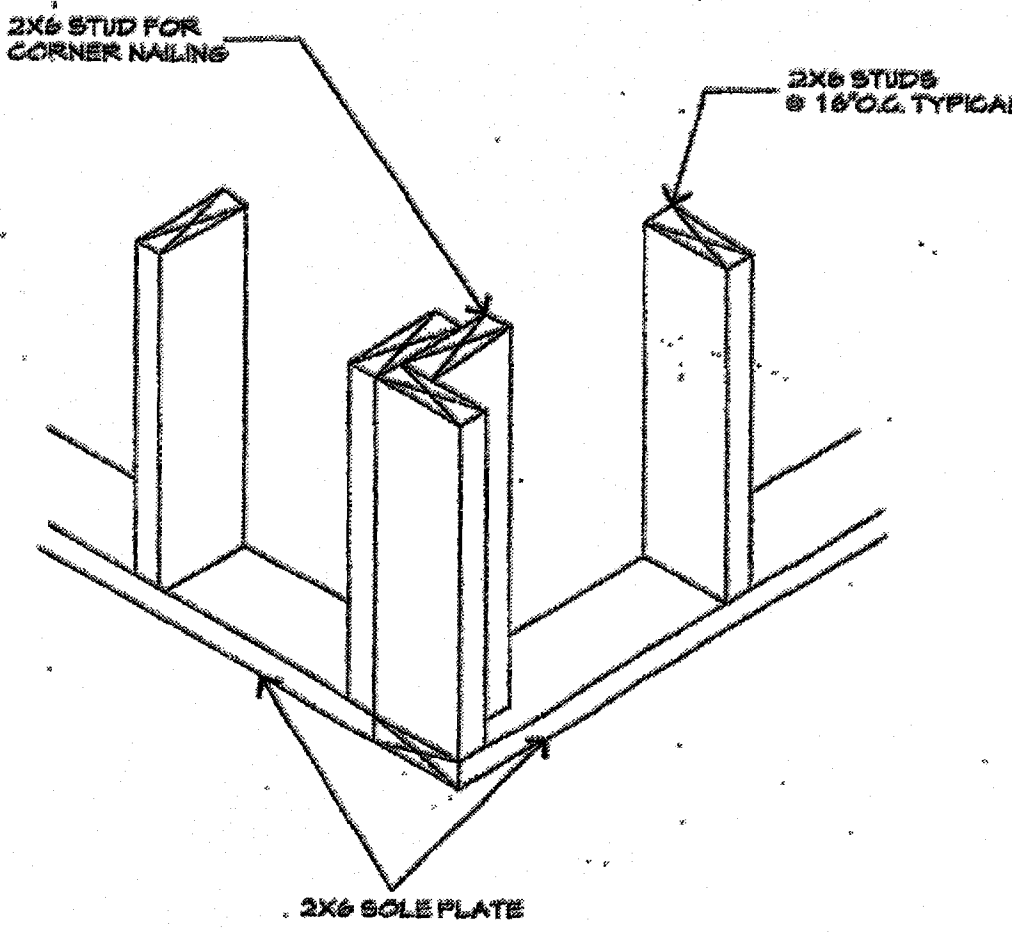
**FRAMING AT DOOR AND WINDOW LOCATION**  
NOT TO SCALE



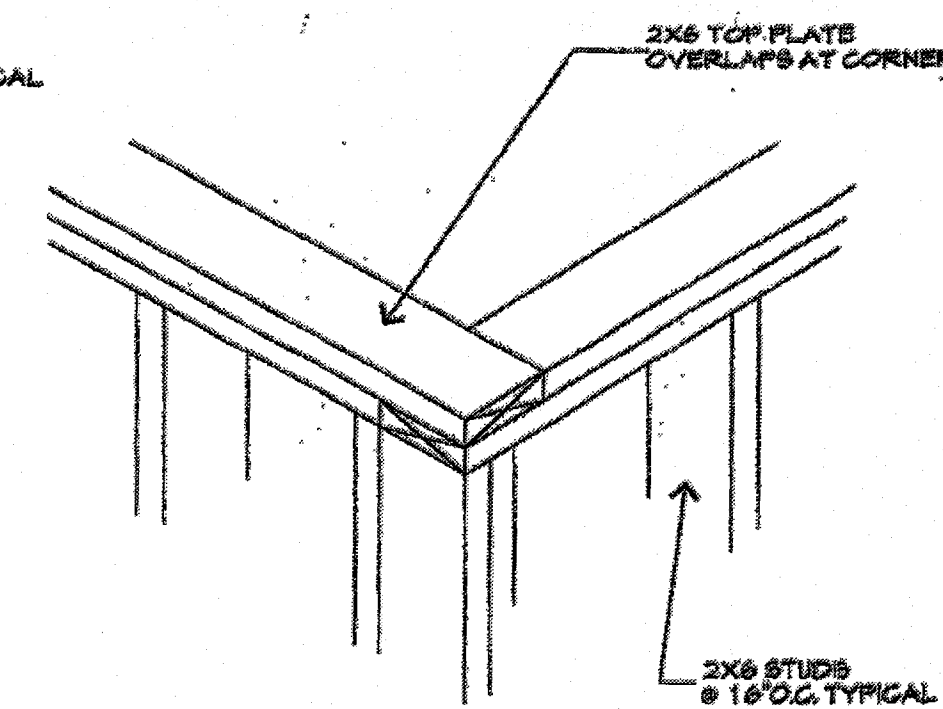
**SOLE PLATE**  
NOT TO SCALE



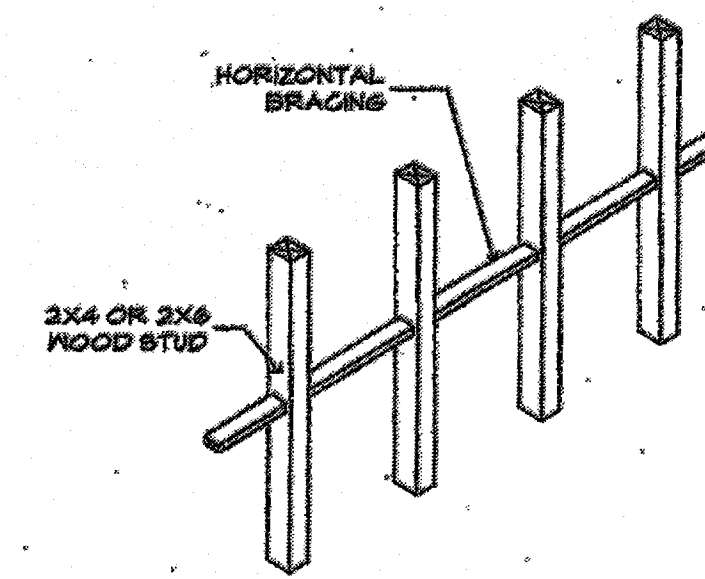
**FRAMING AT BOTTOM CORNER**



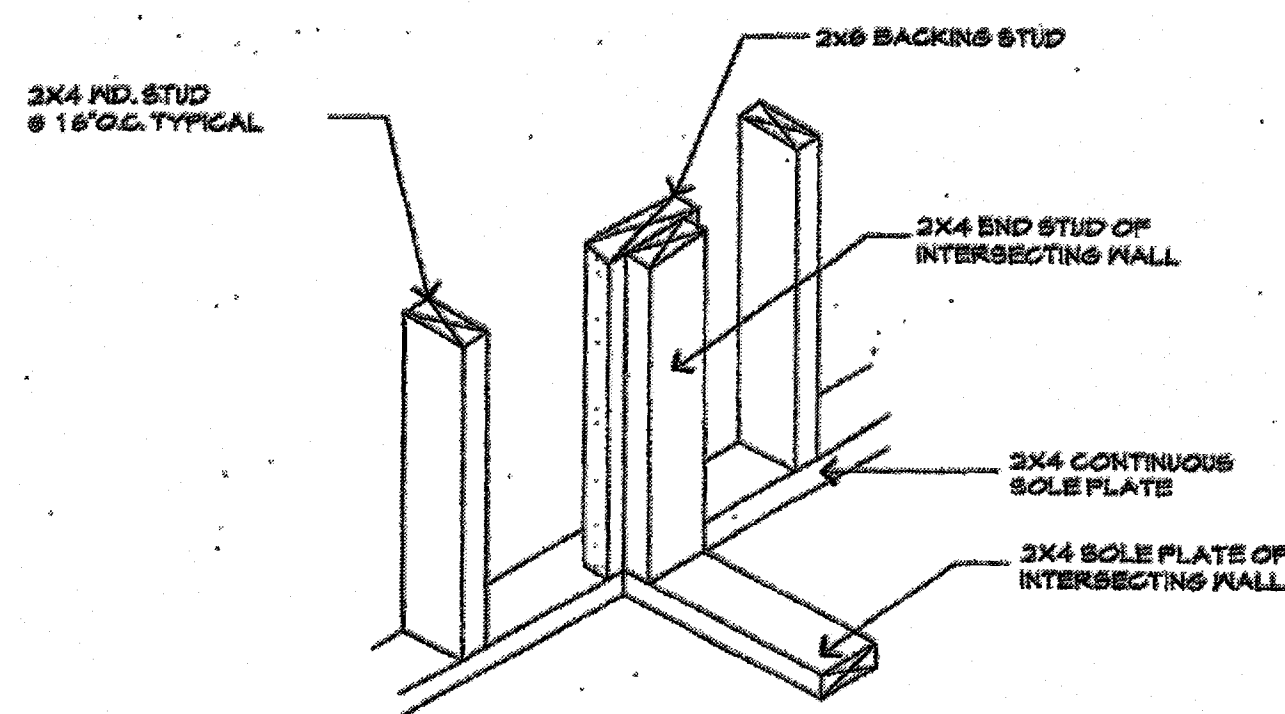
**FRAMING AT BOTTOM CORNER**



**FRAMING AT TOP CORNER**



**HORIZONTAL BRACING**  
NOT TO SCALE



**TYPICAL INTERIOR WALL FRAMING DETAILS**  
NOT TO SCALE

**TYPICAL EXTERIOR WALL FRAMING DETAILS**  
NOT TO SCALE

