



# Building Permit Application

Howard County Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
www.howardcountymd.gov

Date Received: 2/24/17

Permit No.: B17000735

Building Address: \_\_\_\_\_ State: MD Zip Code: 2104

Unit/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_

Lot/Tract: \_\_\_\_\_ Subdivision: \_\_\_\_\_

Area: \_\_\_\_\_ Lot: 5

Map: \_\_\_\_\_ Parcel: \_\_\_\_\_ Grid: \_\_\_\_\_

Map Coordinates: \_\_\_\_\_ Lot Size: \_\_\_\_\_

Proposed Use: \_\_\_\_\_

Estimated Construction Cost: \$ \_\_\_\_\_

Description of Work: Change from residential to commercial

Occupant/Tenant Name: \_\_\_\_\_

Is tenant space previously occupied?  Yes  No

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Property Owner's Name: 1170 Lee

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: MD Zip Code: \_\_\_\_\_

Phone: 202-498-2700 Fax: \_\_\_\_\_

Email: \_\_\_\_\_

**Applicant's Name & Mailing Address, (If other than stated herein)**

Applicant's Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: MD Zip Code: \_\_\_\_\_

Phone: 410-442-2211 Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Contractor Company: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: MD Zip Code: \_\_\_\_\_

License No.: \_\_\_\_\_

Phone: 410-442-2211 Fax: 410-442-2211

Email: \_\_\_\_\_

Engineer/Architect Company: \_\_\_\_\_

Responsible Design Prof.: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: MD Zip Code: \_\_\_\_\_

Phone: 410-722-0281 Fax: 410-722-0281

Email: \_\_\_\_\_

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	<b>Depth</b> <b>Width</b>
Lot area, sq. ft./floor:	1 <sup>st</sup> floor:
	2 <sup>nd</sup> floor:
Area of construction (sq. ft.):	Basement:
	<input type="checkbox"/> Finished Basement
Foundation group:	<input type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
<b>Construction type:</b>	<input type="checkbox"/> Slab on Grade
Reinforced Concrete	No. of Bedrooms:
Structural Steel	<b>Multi-family Dwelling</b>
Masonry	No. of efficiency units:
Wood Frame	No. of 1 BR units:
State Certified Modular	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
<b>Roadside Tree Project Permit</b>	Footings:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:
<b>Roadside Tree Project Permit #</b>	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Utilities	
Electric:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	
Building Shell Permit Number:	

APPLICANT HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

Address: \_\_\_\_\_ Date: 2/24/17

Company: \_\_\_\_\_

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY  
\*\*PLEASE WRITE NEATLY & LEGIBLY\*\*  
-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
Public Works		
Planning Officials		
Health (Zoning)		
Health (Engineering)		
Health	<u>3/23/17</u>	<u>H. O'Sc...</u>

Environmental Control approval required for issuance?  Yes  No  
CONTINGENCY CONSTRUCTION START

**DPZ SETBACK INFORMATION**

Front: \_\_\_\_\_

Rear: \_\_\_\_\_

Side: \_\_\_\_\_

Side St.: \_\_\_\_\_

All minimum setbacks met?  Yes  No

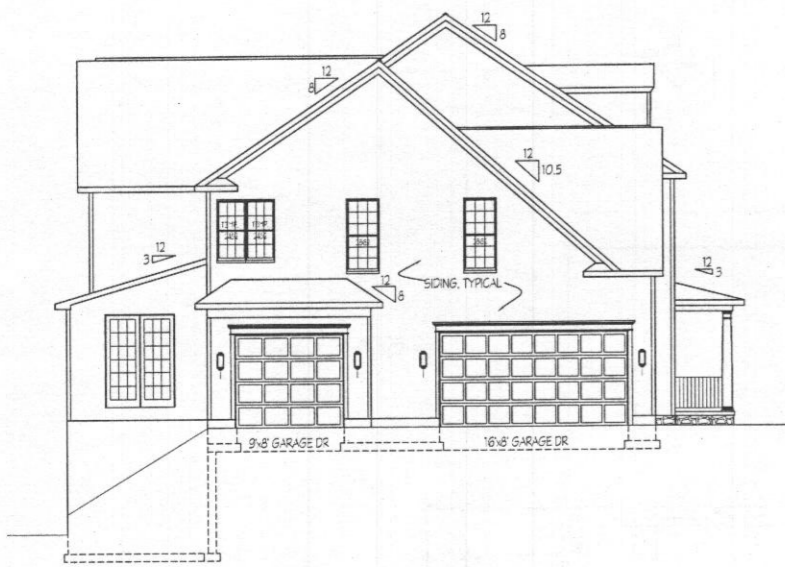
Is Entrance Permit Required?  Yes  No

Historic District?  Yes  No

Lot Coverage for New Town Zone: \_\_\_\_\_

SDP/Red-line approval date: \_\_\_\_\_

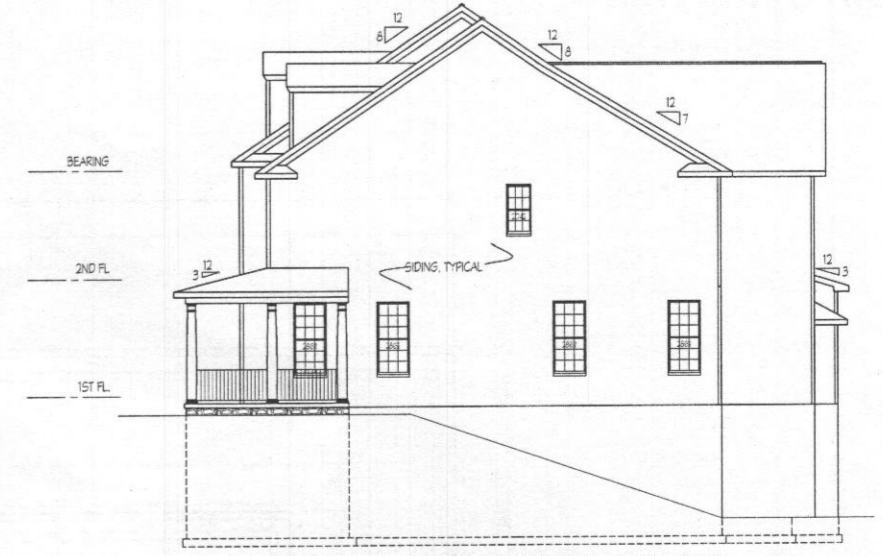
Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check #	



LEFT SIDE ELEVATION 1/8" = 1'-0"



REAR ELEVATION 1/8" = 1'-0"



RIGHT SIDE ELEVATION 1/8" = 1'-0"

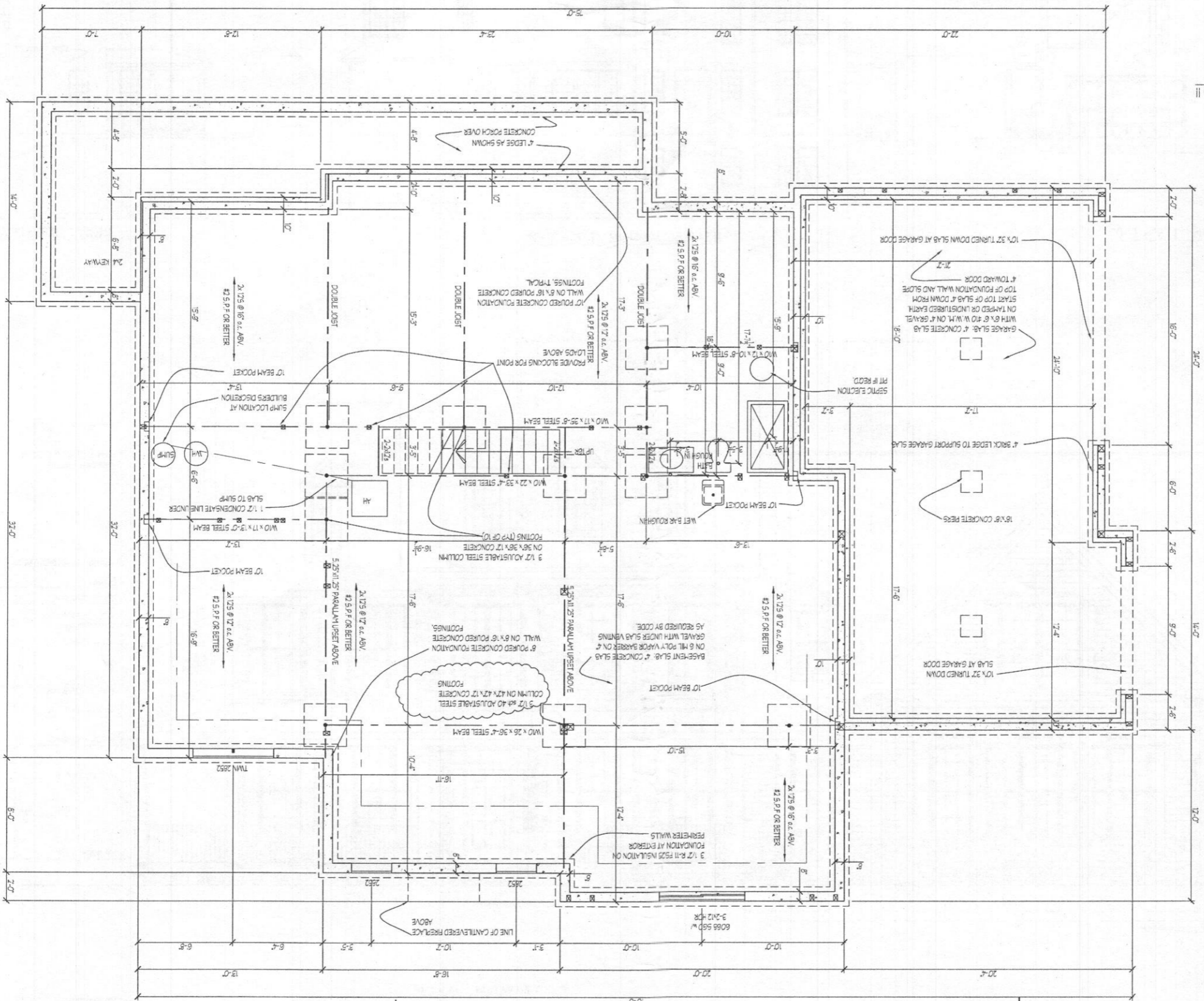


FRONT ELEVATION 1/4" = 1'-0"

NOTE: BOTTOM OF FOOTING TO BE MINIMUM 32" BELOW GRADE

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9' BASEMENT WALLS II



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Project No.: C17.01

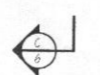
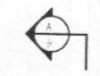
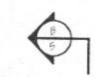
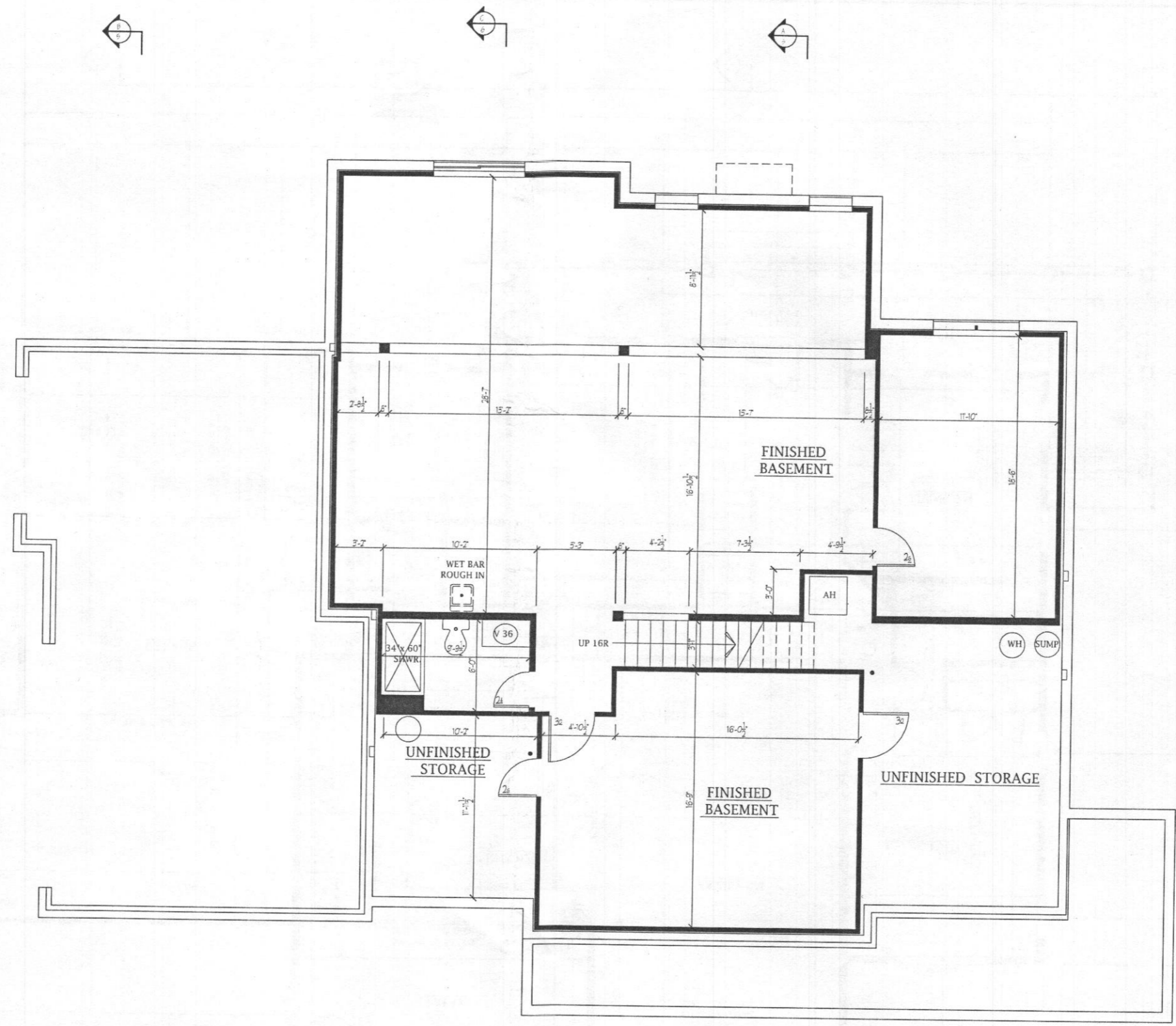
Drawing: BASEMENT / FOUNDATION PLAN

Notes:

Plymouth Road Architec



tm gratom 2/23/2017 1:56 AM Chapel Hill TC5 planC1.dwg



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Notes:

Drawing: FINISHED BASEMENT PLAN

Project No.: C17.01



Plymouth Road Architect

NOTE: WINDOW HEADERS ARE 2-2x10s WITH 2x4 BLOCKING BELOW, AND ROUGH HEAD HEIGHTS ARE AT 7'-11 3/8" UNLESS NOTED OTHERWISE

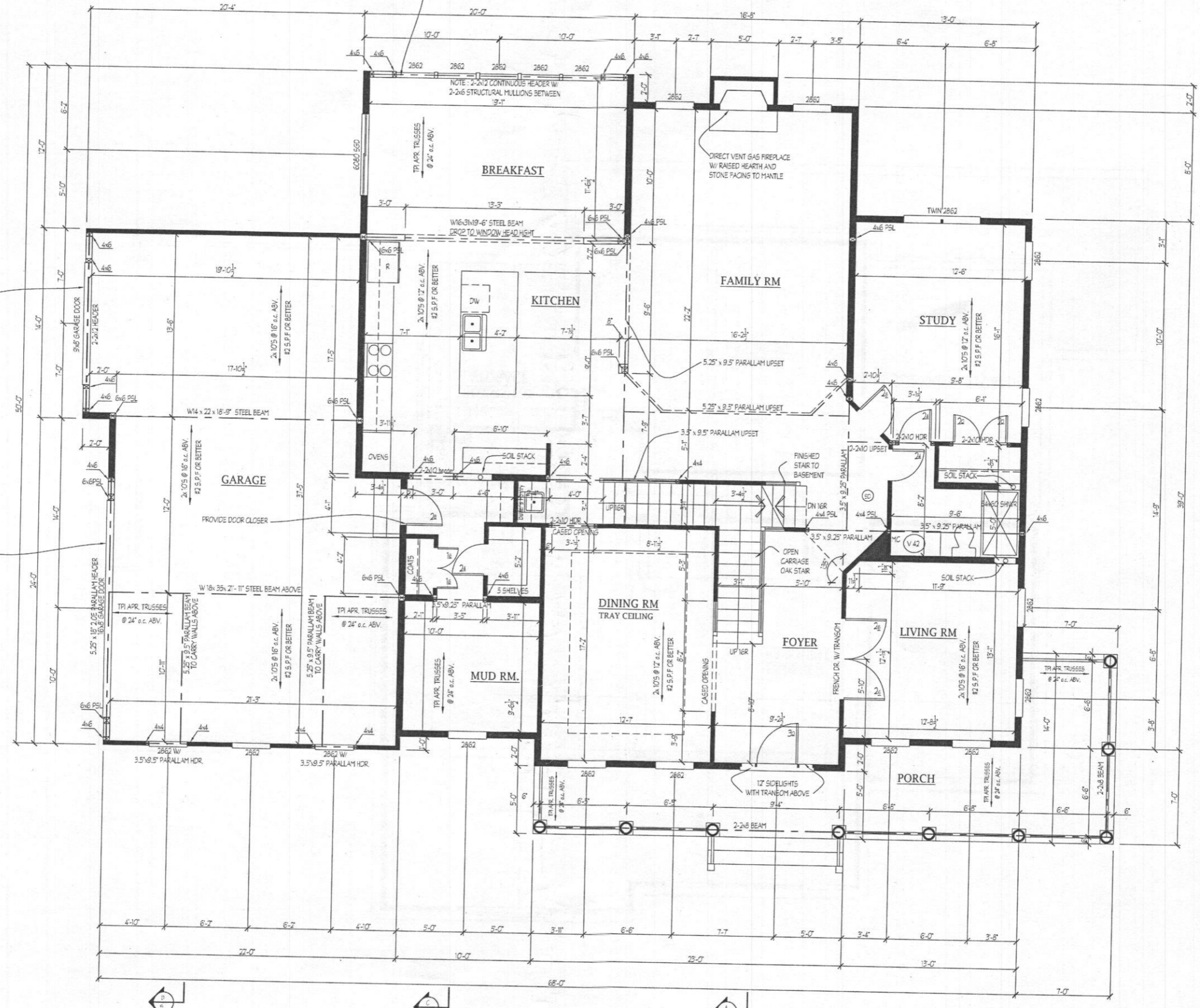
NOTE: EXTERIOR WALLS ARE 2x6 @ 16" oc. INTERIOR AND UNINSULATED WALLS ARE 2x4 @ 16" oc.

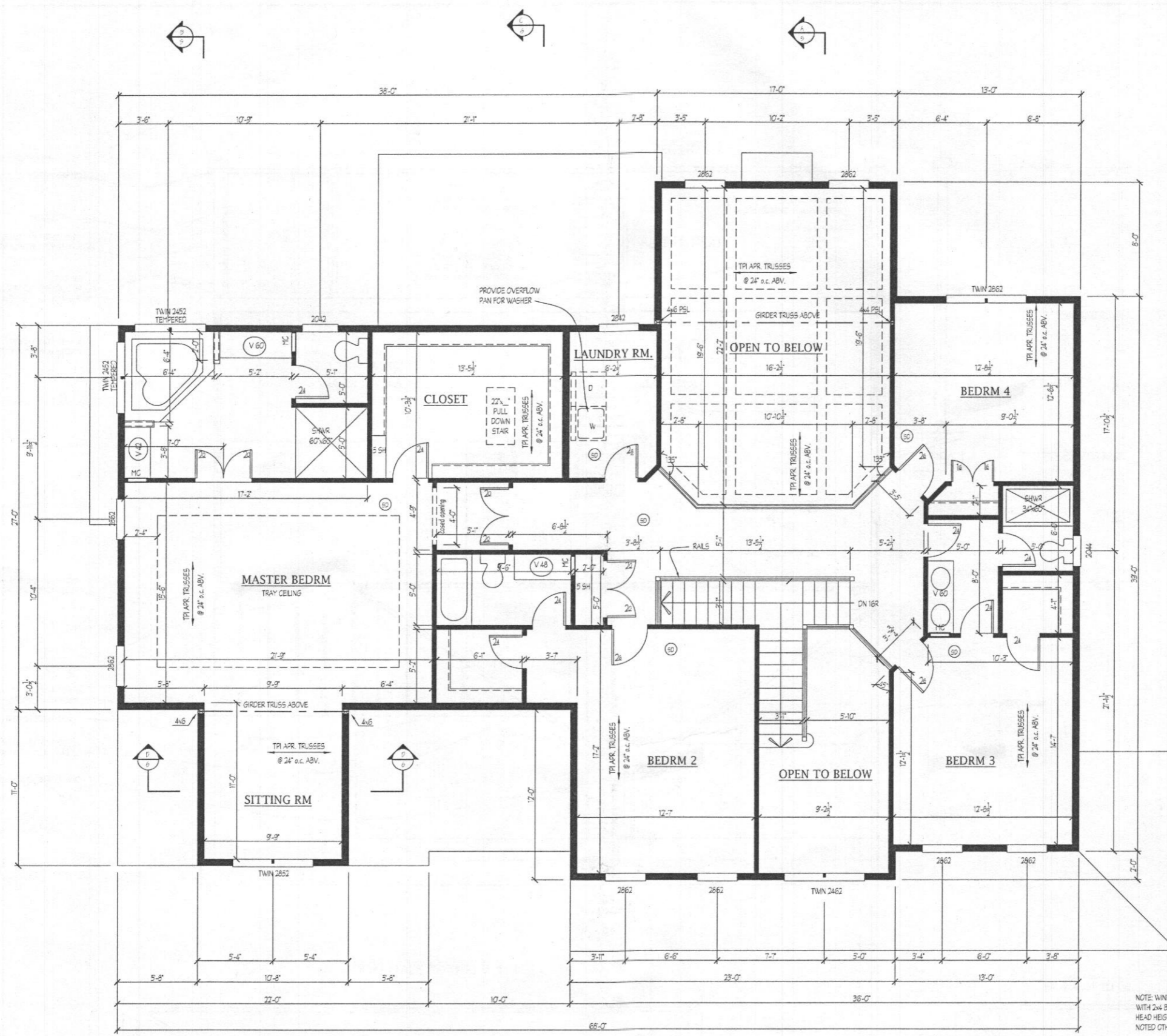
WOOD COLUMNS SPECIFIED MAY BE BUILT UP OF 2x MEMBERS, FASTENED TOGETHER AS REQUIRED, UNLESS NOTED OTHERWISE

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TYPE 1-NARROW WALL PORTAL DETAIL

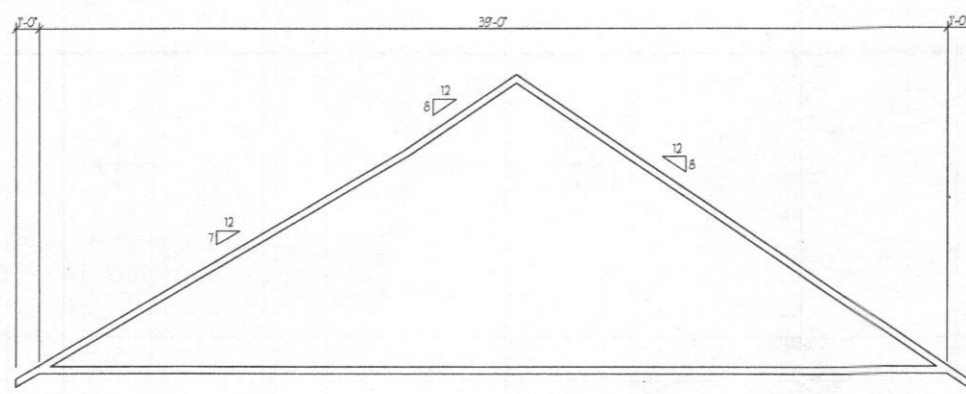
TYPE 1-NARROW WALL PORTAL DETAIL



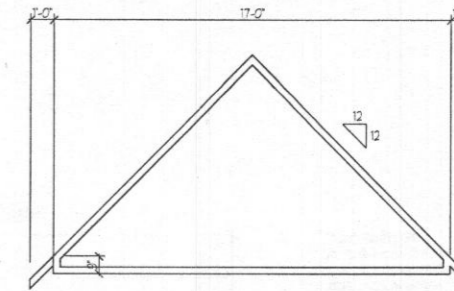


NOTE: WINDOW HEADERS ARE 2-2x10s WITH 3/4" BLOCKING BELOW, AND ROUGH HEAD HEIGHTS ARE AT 7'-11.38" UNLESS NOTED OTHERWISE

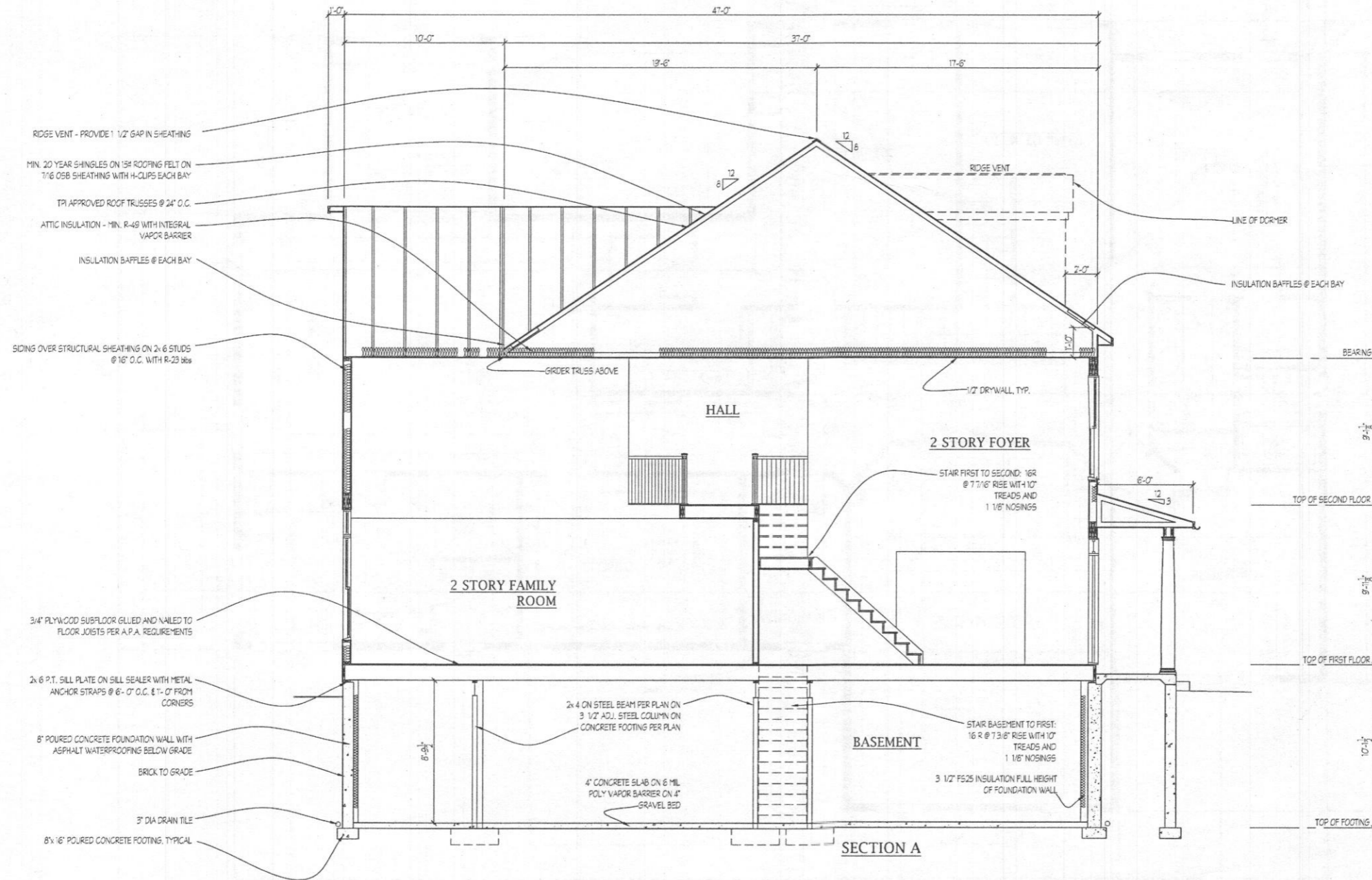
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TRUSS OVER BDRM 3 & 4

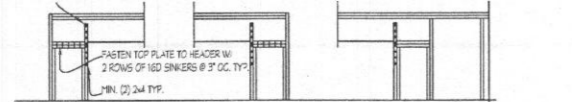


FAMILY RM. TRUSS

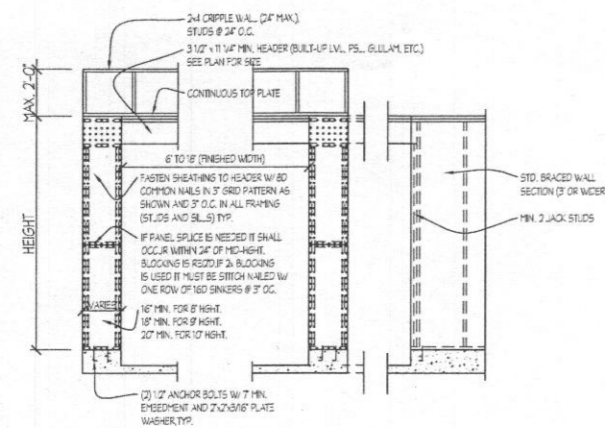


SECTION A

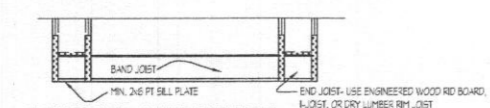
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INTERIOR ELEVATION



EXTERIOR ELEV. DIRECT TO FOUNDATION



EXTERIOR ELEV. OVER RAISED FLOOR

NARROW WALL PORTAL DETAILS - TYPE 1

NARROW WALL BRACING DETAILS, SCALE: 1/4" = 1'-0"

NOTE: PORTAL FRAME ARE DESIGNED TO REPLACE THE RECD. BRACED WALL SEGMENT UP TO 40' LONG. FOR 8FT. WALL E 37' FOR 10FT. WALL ADJACENT TO 888' OPENING LOCATIONS AND SPACING TO FOLLOW IRC REQUIREMENTS.

LENGTH REQUIREMENTS FOR BRACED WALL PANELS IN A CONTINUOUSLY SHEATHED WALL.

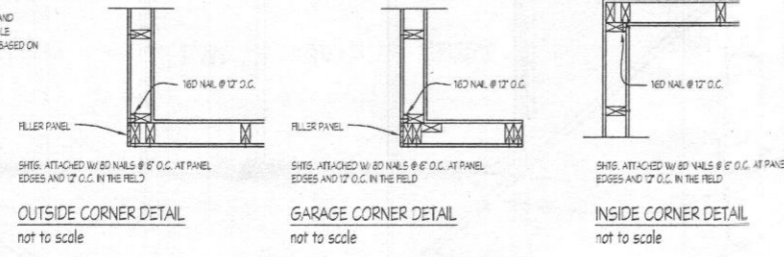
A. LINEAR INTERPOLATIONS SHALL BE PERMITTED  
 B. FULL-HEIGHT SHEATHED WALL SEGMENTS TO EITHER SIDE OF GARAGE OPENINGS THAT SUPPORT LIGHT FRAME ROOFS ONLY, WITH ROOF COVERING DEAD LOADS OF 3PSF OR LESS SHALL BE PERMITTED TO HAVE A 4:1 ASPECT RATIO.

MINIMUM LENGTH OF BRACED WALL PANEL (INCHES)			MAXIMUM OPENING HEIGHT NEXT TO THE BRACED WALL PANEL (% OF WALL HEIGHT)
48	54	60	100%
32	36	40	85%
24	27	30	65%

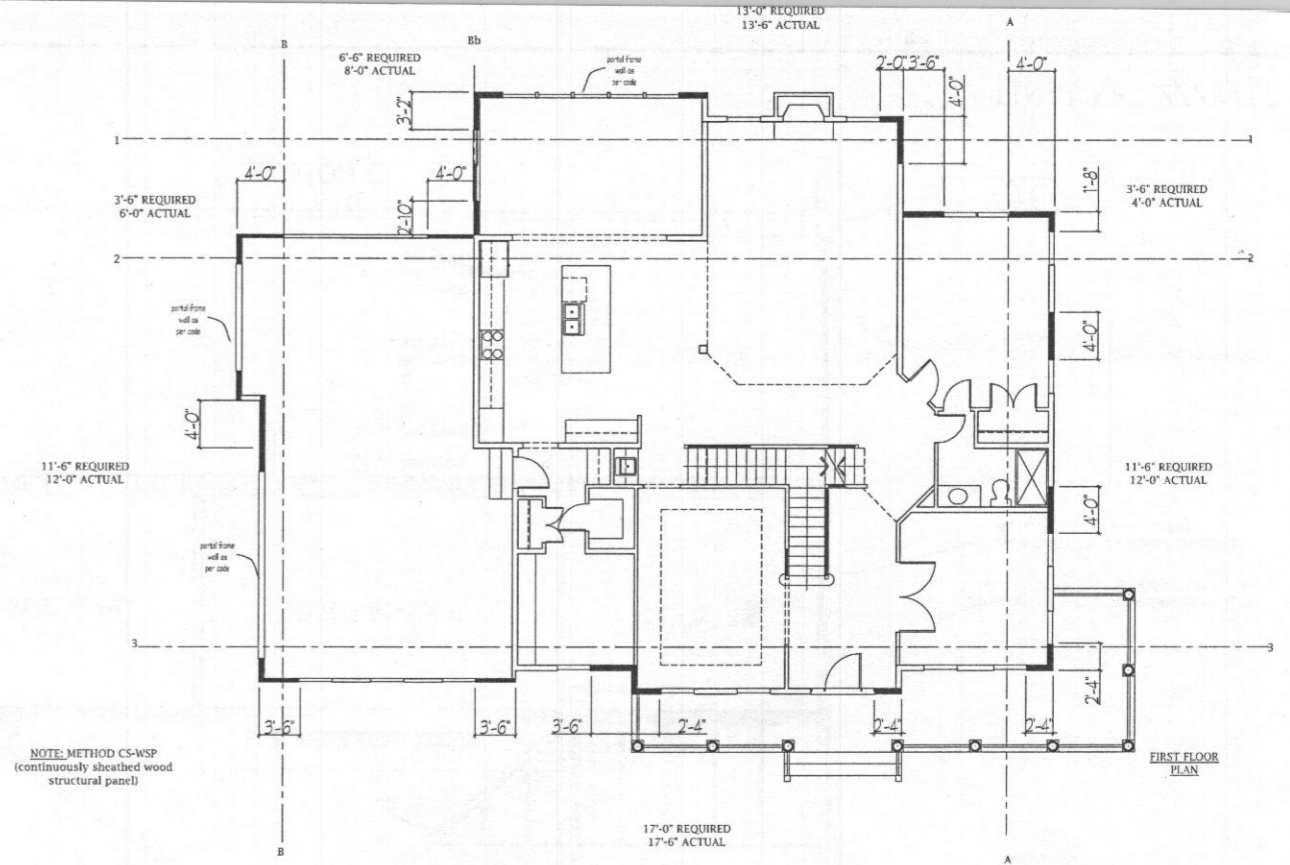
**NOTE:**  
 WALL BRACING:  
 ALL EXTERIOR WALLS SHALL BE BRACED IN ACCORDANCE WITH THIS SECTION. IN ADDITION, INTERIOR BRACED WALL LINES SHALL BE PROVIDED IN ACCORDANCE WITH SECTION R602.10.1.1. FOR BUILDINGS IN SEISMIC DESIGN CATEGORIES, D1 AND D2, WALLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ADDITIONAL REQUIREMENTS OF R602.10.9, R602.10.11, AND R602.11.  
 R602.10.1  
 BRACED WALL LINES SHALL CONSIST OF BRACED WALL PANEL CONSTRUCTION METHODS IN ACCORDANCE WITH SECTION R602.10.3. THE AMOUNT AND LOCATION OF BRACINGS SHALL BE IN ACCORDANCE WITH TABLE R602.10.1 AND THE AMOUNT OF BRACING SHALL BE THE GREATER OF THAT REQUIRED BY THE SEISMIC DESIGN CATEGORY OR THE DESIGN WIND SPEED. BRACED WALL PANELS SHALL BEGIN NO MORE THAN 12.5' (3810 MM) FROM EACH END OF A BRACED WALL LINE. BRACED WALL PANELS THAT ARE COUNTED AS PART OF A BRACED WALL LINE, EXCEPT THAT OFFSETS OUT-OF-PLANE OF UP TO 4 FEET (1219 MM) SHALL BE PERMITTED PROVIDED THAT THE TOTAL OUT-TO-OUT OFFSET DIMENSION IN ANY BRACED WALL LINE IS NOT MORE THAN 8' (2438 MM). A DESIGNED COLLECTOR SHALL BE PROVIDED IF THE BRACING BEGINS MORE THAN 12' (3658 MM) FROM EACH END OF A BRACED WALL LINE.  
 R602.10.1.1 SPACING:  
 SPACING OF BRACED WALL LINES SHALL NOT EXCEED 35' (10,668 MM) ON CENTER IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTIONS IN EACH STORY.  
 EXCEPTION:  
 SPACING OF BRACED WALL LINES NOT EXCEEDING 50' SHALL BE PERMITTED WHERE:  
 1. THE WALL BRACING PROVIDED EQUALS OR EXCEEDS THE AMOUNT OF BRACING REQUIRED BY TABLE R602.10.1 MULTIPLIED BY A FACTOR EQUAL TO THE BRACED WALL LINE SPACING DIVIDED BY 35', AND  
 2. THE LENGTH-TO-WIDTH RATIO FOR THE FLOOR/WALL DIAPHRAGM DOES NOT EXCEED 3:1.

NOTE: WIND BRACING DESIGN AS REQUIRED BY SECTION 602.10 OF THE IRC HAVE BEEN SATISFIED BY THE ALTERNATIVE CONTINUOUS STRUCTURAL PANEL SHEATHING METHOD (602.10.5) AND NARROW WALL (PORTAL FRAME) BRACINGS. REFER TO MIN. CONSTRUCTION DETAILS THIS SHEET. ADDITIONALLY, ALL STRUCTURAL MEMBERS SHALL BE FASTENED IN ACCORDANCE WITH TABLE R602.3.1) OF THE INTERNATIONAL RESIDENTIAL CODE, AND THE MANUFACTURER'S RECOMMENDATIONS IN THE CASE OF ENGINEERED COMPONENTS. MINIMUM BRACED WALL LENGTHS ARE BASED ON THE TABLE BELOW:

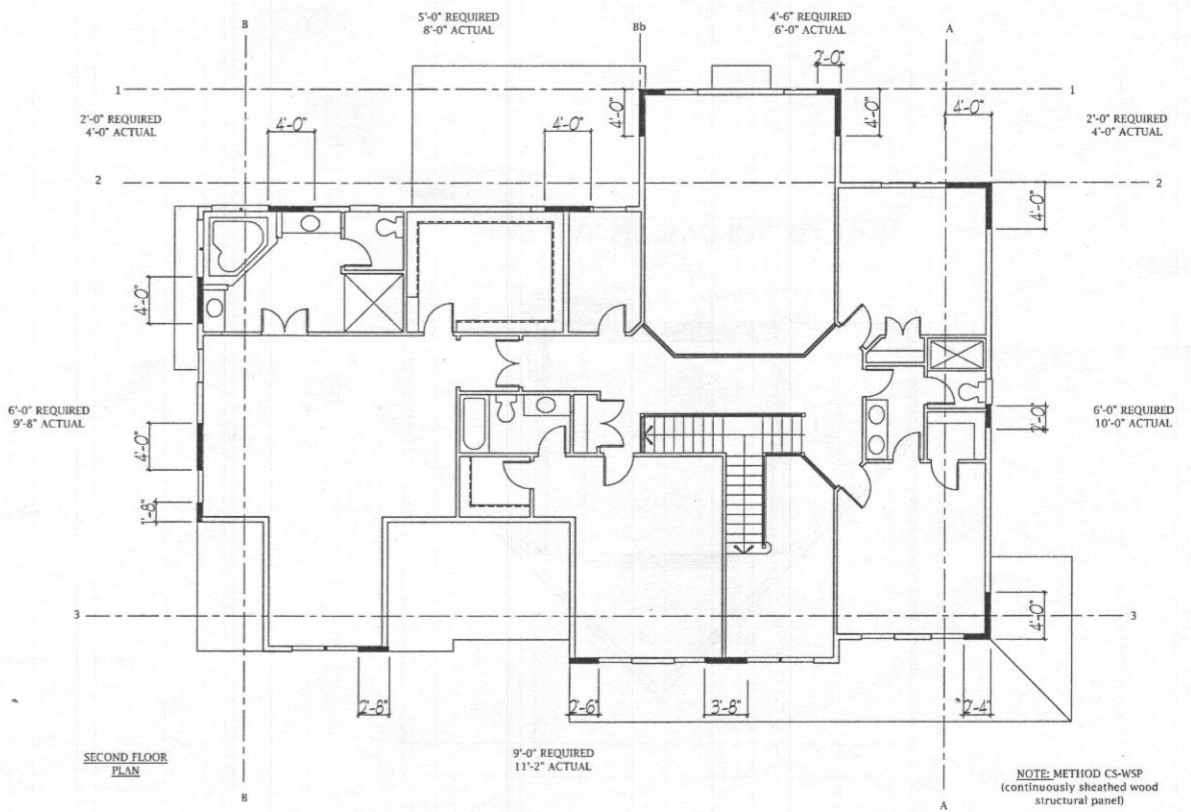
MAX. ADJACENT OPENING H-SHT EQUIVALENT TO	MINIMUM LENGTH OF BRACED WALL PANELS							
	30 VINYL WINDOW	32 WOOD WINDOW	36 VINYL WINDOW	40 VINYL WINDOW	44 WOOD WINDOW	48 DOOR W/ 20 TR	52 DOOR W/ 20 TR	56 DOOR W/ 20 TR
WALL HEIGHT	24"	26"	28"	30"	32"	34"	36"	38"
8' WALL	24'	27'	27'	27'	27'	27'	27'	27'
9' WALL	27'	27'	27'	27'	27'	27'	27'	27'
10' WALL	32'	32'	32'	32'	32'	32'	32'	32'



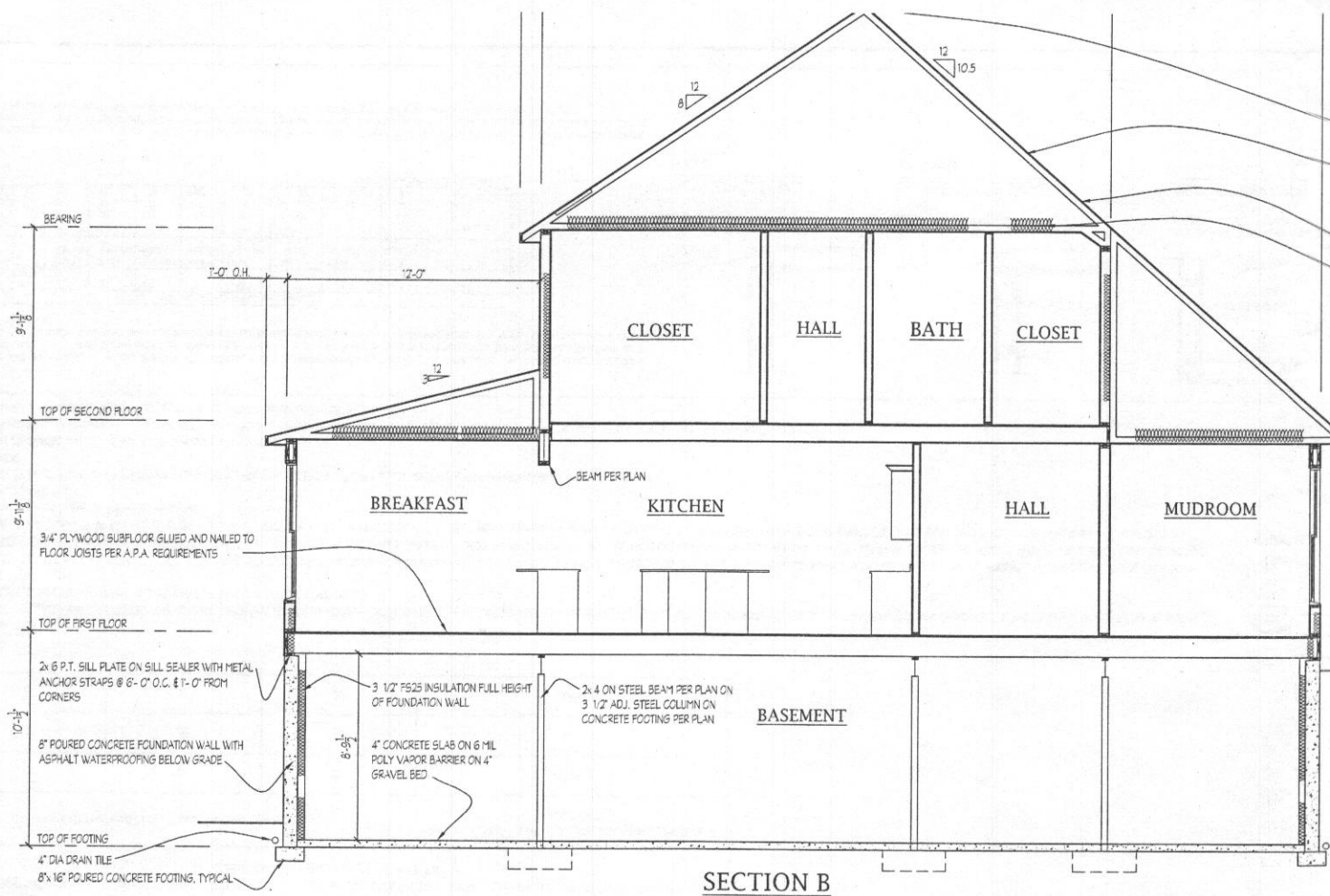
ALL BRACED EXTERIOR WALLS SHALL BE MIN. 7/8" OSB PANEL SHEATHING ATTACHED TO FRAMING WITH 84 COMMON NAILS 2 @ 6" O.C. AT INTERMEDIATE FRAMING MEMBERS. SILL PLATES SHALL BE FASTENED TO JOIST OR SOLID BLOCCING WITH 3764 NAILS @ 16" O.C. RIM JOIST TO PLATE OR SILL W/ 6 @ 2' O.C. 100% MIN. ALL EXTERIOR WALL CORNERS SHALL BE FRAMED PER DETAIL. INTERIOR BRACED WALLS SHALL BE MIN. 1/2" GYP. BC, APPLIED TO EACH SIDE OF FRAMING W/ ADHESIVE AND 5 OR 6 W SCREWS @ 24" O.C.



NOTE: METHOD CS-WSP (continuously sheathed wood structural panel)

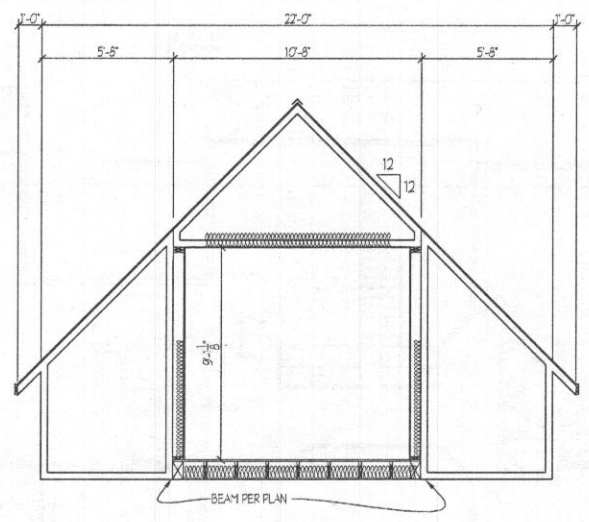


NOTE: METHOD CS-WSP (continuously sheathed wood structural panel)

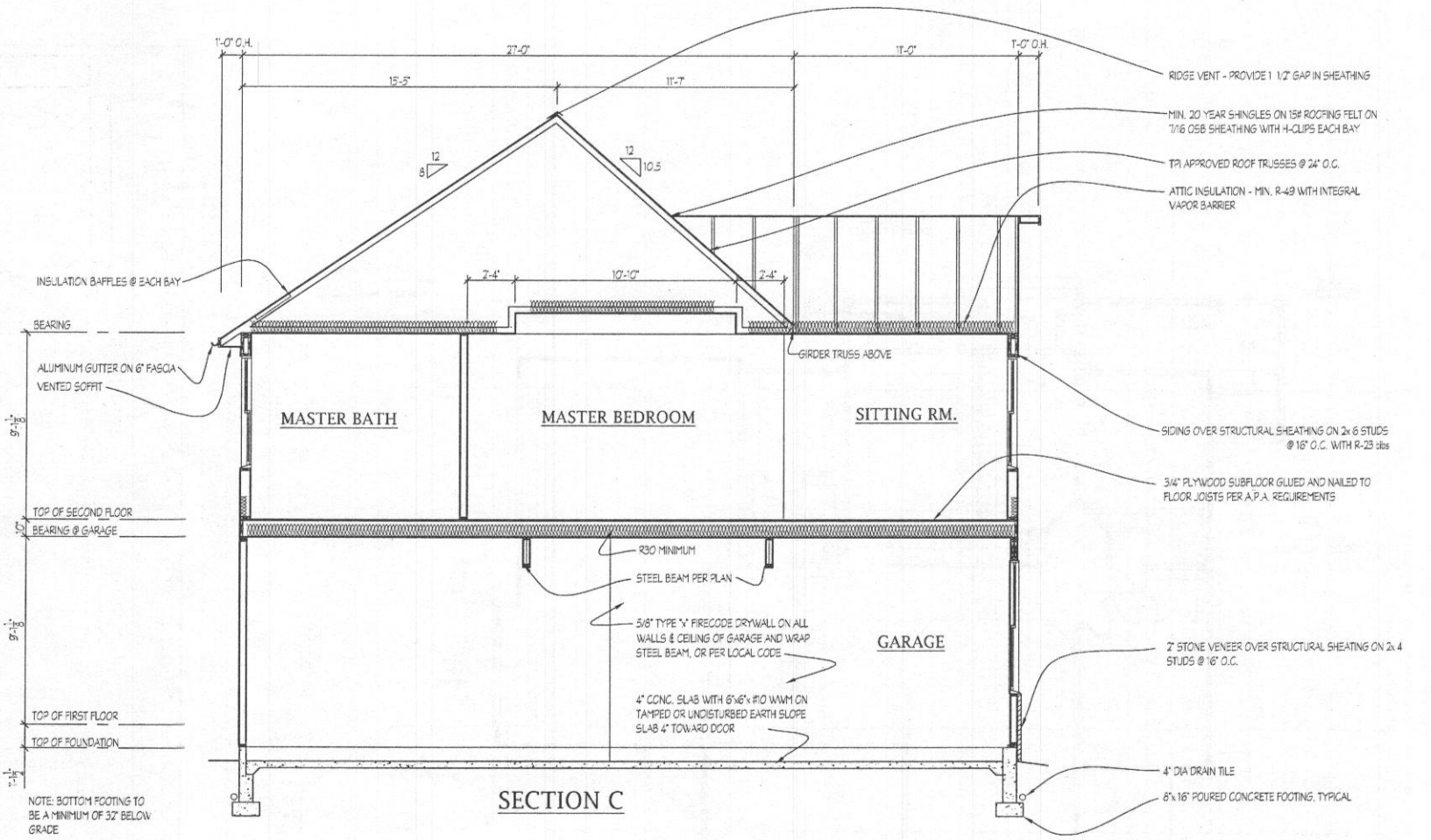


SECTION B

- RIDGE VENT
- MIN. 20 YEAR SHINGLES ON 1/4\"/>
- TRI APPROVED ROOF TRUSSES @ 24\"/>
- ATTIC INSULATION - MIN. R-49 WITH INTEGRAL VAPOR BARRIER
- ALUMINUM GUTTER ON 6\"/>



PARTIAL SITTING RM. SECTION



SECTION C

- RIDGE VENT - PROVIDE 1 1/2\"/>
- MIN. 20 YEAR SHINGLES ON 1/4\"/>
- TRI APPROVED ROOF TRUSSES @ 24\"/>
- ATTIC INSULATION - MIN. R-49 WITH INTEGRAL VAPOR BARRIER
- SIDING OVER STRUCTURAL SHEATHING ON 2x6 STUDS @ 16\"/>
- 3/4\"/>
- 2\"/>
- 4\"/>
- 6x16\"/>

- INSULATION BAFFLES @ EACH BAY
- ALUMINUM GUTTER ON 6\"/>
- VENTED SOFFIT
- BEARING @ GARAGE
- TOP OF SECOND FLOOR
- BEARING @ GARAGE
- TOP OF FIRST FLOOR
- TOP OF FOUNDATION
- NOTE: BOTTOM FOOTING TO BE A MINIMUM OF 32\"/>

FINAL SET 2/23/17

