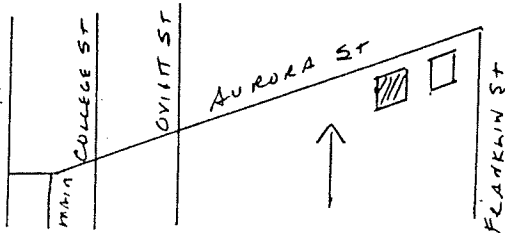


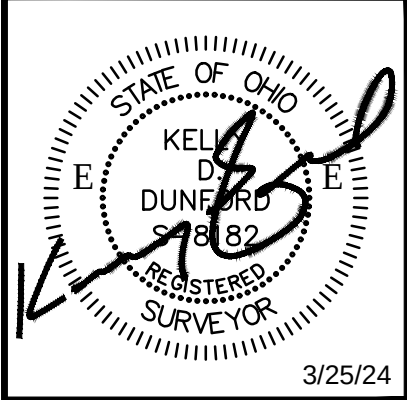
OHIO HISTORIC INVENTORY

Ohio Historic Preservation Office
Ohio Historical Center
Columbus, Ohio 43211

1. No.		4. Present Name(s) Residence, John Burke	
2. County Summit		5. Other Name(s) I. T. Frary House	
3. Location of Negatives HHA 50-10			
6. Specific Location 172 Aurora Street		16. Thematic Category C	
		17. Date(s) or Period 1878	
7. City or Town If Rural, Township & Vicinity Hudson		18. Style or Design Greek Revival	
8. Site Plan with North Arrow 		19. Architect or Engineer	
		20. Contractor or Builder	
9. Coordinates Lat. _____ Long. _____ U.T.M. Reference 17 463 768 4565 850		21. Original Use, if apparent residence	
10. _____ Easting _____ Northing _____		22. Present Use residence	
11. _____ Site ☐ Building ☒ Structure ☐ Object ☐		23. Ownership Public ☐ Private ☒	
12. Is it Eligible? Yes ☒ No ☐		24. Owner's Name & Address, if known John Burke 172 Aurora Street Hudson 44236	
13. Part of Estab. Yes ☒ Hist. Dist.? No ☐		25. Open to Public? Yes ☐ No ☒	
14. District Potent'l? Yes ☐ No ☐		26. Local Contact Person or Organization Hudson Heritage Association	
5. Name of Established District Hudson Local Historic District		27. Other Surveys in Which Included	
2. Further Description of Important Features Greek Revival doorway with transom, sidelights; wide frieze, corner boards; one story rear addition; 2 story porch enclosed to east. Sandstone foundation partially cemented over. 6/6 double-hung windows.		37. Condition Interior _____ Exterior excellent	
		38. Preservation Underway? Yes ☒ No ☐	
		39. Endangered? By What? Yes ☐ No ☒	
		40. Visible from Public Road? Yes ☒ No ☐	
		41. Distance from and Frontage on Road 30' 60'	
		Photo	
13. History and Significance H. R. Corner, 1929. Said to have been moved from present site of Hayden Hall; on present site since 1878. Residence of I. T. Frary in early 1900's. Frary, author of <u>Early Homes of Ohio</u> , (1936), made extensive alterations.			
14. Description of Environment and Outbuildings 1900 garage. Residential street of historic houses.			
15. Sources of Information Summit County Tax Assessment records Personal inspection		46. Prepared by L. Newkirk, F. Barlow	
		47. Organization HHA	
		48. Date	49. Revision Date(s)

Summit

Residence, John Burke

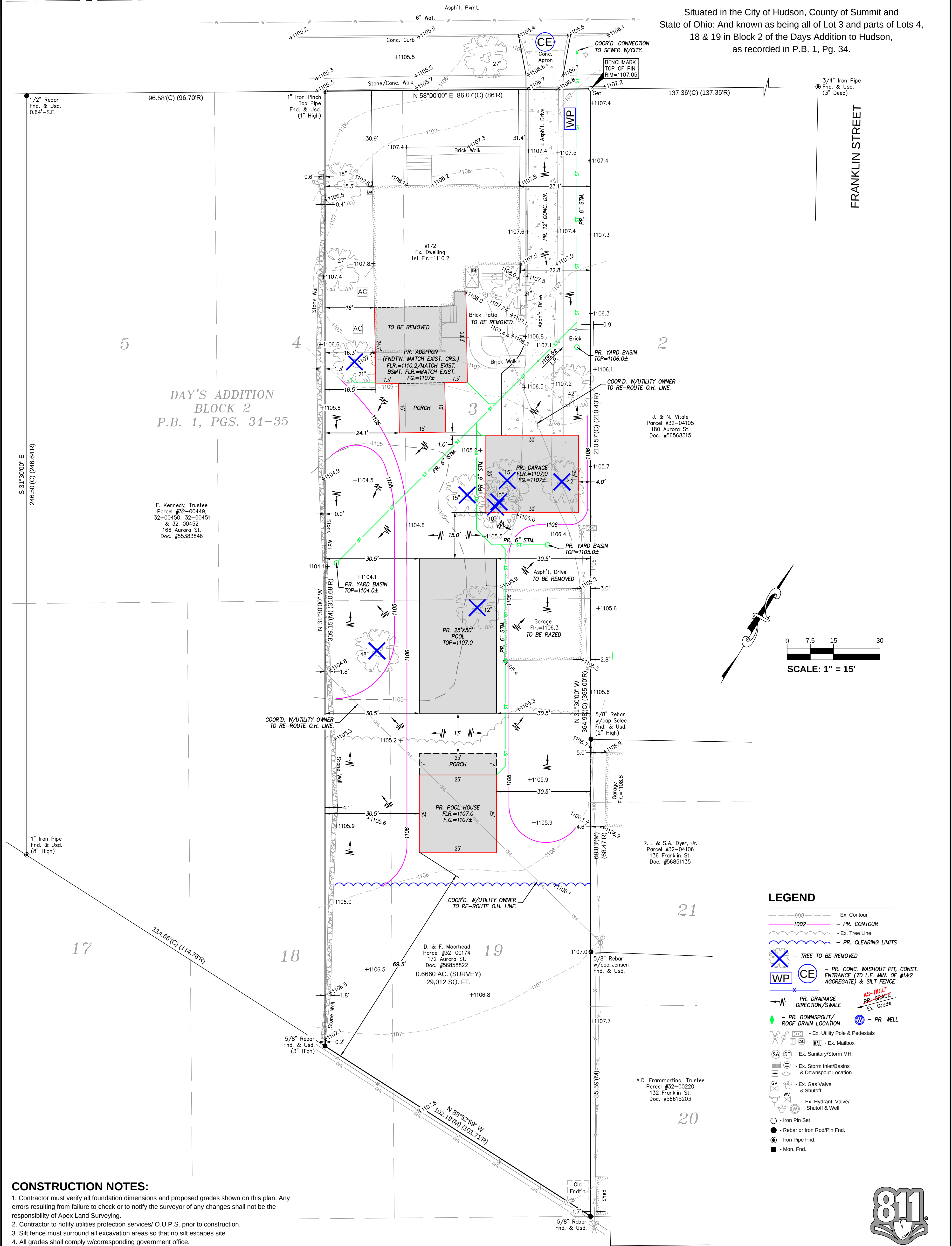


DATE OF SURVEY: JAN. 2024
REVISIONS:
Ex. Cond. Survey Released to Client - 2/02/24
1.)

TOPOGRAPHIC SURVEY & SITE PLAN

for
~The Moorhead Residence~
172 Aurora St., Hudson, OH 44236

Situated in the City of Hudson, County of Summit and
State of Ohio: And known as being all of Lot 3 and parts of Lots 4,
18 & 19 in Block 2 of the Days Addition to Hudson,
as recorded in P.B. 1, Pg. 34.



CONSTRUCTION NOTES:

- Contractor must verify all foundation dimensions and proposed grades shown on this plan. Any errors resulting from failure to check or to notify the surveyor of any changes shall not be the responsibility of Apex Land Surveying.
- Contractor to notify utilities protection services/ O.U.P.S. prior to construction.
- Silt fence must surround all excavation areas so that no silt escapes site.
- All grades shall comply w/corresponding government office.
- Maintain positive yard drainage away from house and a minimum slope of 1% along all swales.
- Contractor shall verify location and depths of existing laterals & verify if proper connections can be made to house. Contact corresponding government office or utility owner if discrepancies occur.
- All sewer connections must maintain a minimum slope of 1%.
- The footer drain & downspouts are to be tied into storm drain. Contractor to determine connection point or points upon excavation & examination of existing storm drain system. Refer to house plans for downspout locations.
- Contractor to determine if a foundation sump pump is required.
- The location of utilities shown hereon are based on observed evidence of above ground appurtenances only. The location of these utilities may vary and are subject to field verification prior to construction. No other search for utilities was performed and additional utilities may be encountered.
- There was no search for easements of record, right-of-ways, restrictive covenants, encumbrances, ownership title evidence, or any other facts that a title search may disclose.

MISCELLANEOUS NOTES:

- The "BASIS OF BEARINGS" for this survey was held as S 58°00'00" W along Aurora Street, as called for in deed recorded as Doc. #56858822. ALL DISTANCES SHOWN HEREON INDICATE GROUND DISTANCES IN US SURVEY FEET.
- The vertical datum for this survey is NAVD88 (Geoid12b), as observed by GPS via the ODOT VRS network and referenced by benchmarks shown hereon.

SURVEYED BY:



**APEX LAND
SURVEYING**

KELLY D. DUNFORD, P.S. 8182
2858 FULMER DR., SILVER LAKE, OH
(330) 928-7750
ps8182@sbcglobal.net
www.apexlandsurveying.com

TITLE: TOPO & SITE PLAN

CLIENT: KAPELA

SCALE: 1" = 15'

DRAWN BY: KDD

CREW: KDD

SHEET SIZE: 22" X 34"

DATE: MAR. 2024

PROJ.: 2024004

FILE: 2024004.dwg

CHECKED BY: KDD

SHEET: 1 OF 1



Know what's below.
Call before you dig.

FOUNDATION NOTES

Reference sections 1061.3 and chapter 44 of the Residential Code of Ohio

GENERAL:

-2x8 PRESSURE TREATED SILL PLATE WITH SILL SEALER

-1/2" ϕ x18" ANCHOR BOLTS @ 6'-0" o.c. AND 12" MAXIMUM FROM CORNERS AND WITH A MIN. OF 2 BOLTS PER PLATE PER RCO SECTION 403.1.6.

-EXTERIOR FOUNDATION INSULATION AS REQUIRED.

-R-19 BATT INSULATION BETWEEN FLOOR JOIST CAVITIES AT RIM.

FOOTINGS:

-ALL FOOTINGS SHALL EXTEND BELOW THE MINIMUM FROST LINE DEPTH OF 42" PER RCO SECTION 402.2.

-(2)#4 REBAR CONTINUOUS THRU WALL FOOTERS.

-ALL 8" BLOCK OR POURED CONCRETE WALLS SHALL HAVE A MINIMUM 8"x16" CONTINUOUS POURED CONCRETE FOOTING.

-ALL 12" BLOCK OR POURED CONCRETE WALLS SHALL HAVE A MINIMUM 8"x20" CONTINUOUS POURED CONCRETE FOOTING.

-ALL CONCRETE LINTELS AT FOOTING LEVEL CHANGES SHALL HAVE A MINIMUM OF 8" BEARING AT EACH END.

CENTER ALL FOOTINGS ON COLUMN CENTER LINES. REINFORCE EACH WAY AS FOLLOWS:

24"x24".....	(2)#4
30"x30".....	(3)#4
36"x36".....	(3)#5
42"x42".....	(4)#5
48"x48".....	(4)#5
60"x60".....	(5)#5
72"x72".....	(6)#5

CRAWL SPACE VENTILATION:

CRAWL SPACE EXTERIOR VENTILATION OPENINGS MAY BE OMITTED WHEN CONTINUOUSLY OPERATED MECHANICAL VENTILATION IS PROVIDED AT A RATE OF 1.0 cfm FOR EACH 50 SQUARE FEET OF CRAWL SPACE FLOOR AREA.

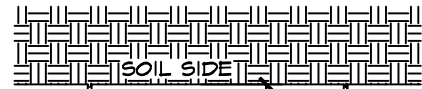
POINT LOADS:

IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO VERIFY THAT ALL POINT LOADS TRANSFER TO THE FOUNDATION OR SPECIFIED BEARING LOCATIONS.

12" CONC. BLOCK REINFORCING DETAIL

MASONRY WALL REINFORCEMENT*
(1)#5 @ 48" o.c.

- 24" MAX. FROM CORNERS
- BARS 9" IN FROM SOIL SIDE
- GROUT CORES FULL-HEIGHT SOLID AT REINFORCING BARS



DESIGN CRITERIA:

- 36" MINIMUM GRAVEL FILL
- MAX. LATERAL SOIL PRESSURE OF 55 psf
- 1,500 psf SOIL BEARING PRESSURE
- MIN. 3,000 psi CONCRETE STRENGTH
- REINFORCING YIELD STRENGTH OF 60,000 psi

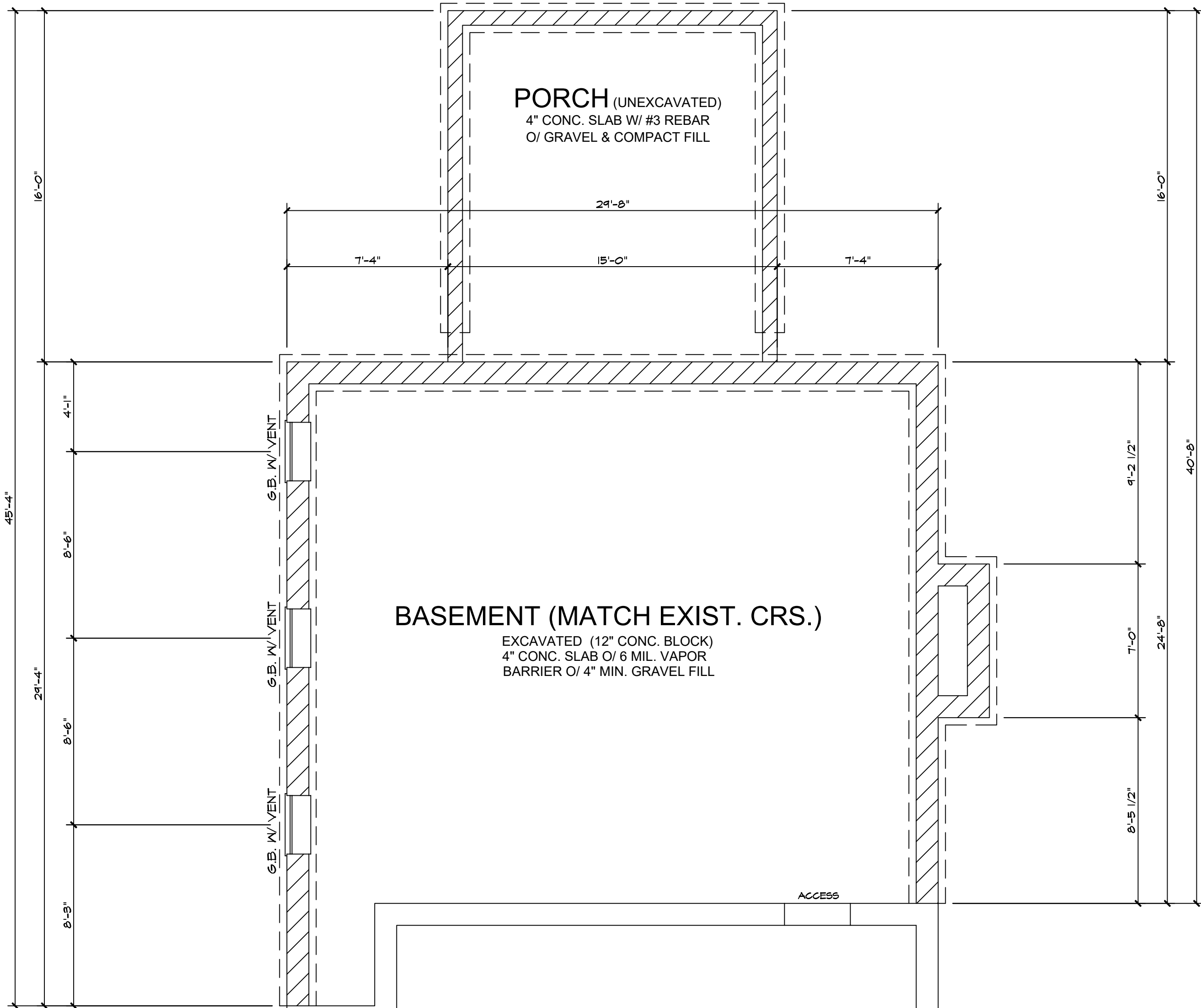
NOTE: THIS DETAIL IS ASSUMING BEST CASE SOIL CONDITIONS. FOR MEDIUM OR WORST CASE REFER TO RCO TABLE 404.1.1(4)

STEEL BEAM CHART

SIZE	DEPTH	WIDTH
W8x15	8 1/8"	4"
W10x22	10 1/8"	5 3/4"
W12x26	12 1/4"	6 1/2"
W12x45	12"	8"

NOTE: DIMENSIONS ARE DERIVED FROM AISC STEEL MANUAL. VERIFY WITH STEEL DISTRIBUTOR.

SEE SHEET C101 FOR GEN. CODE REQUIREMENTS, DISCLAIMERS AND GENERAL CONSTRUCTION NOTES



FOUNDATION PLAN

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

FOUNDATION PLAN - EXISTING

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



JKAPELA
DESIGN & CONSTRUCTION

RESIDENTIAL ARCHITECTURE | INTERIOR DESIGN | CONSTRUCTION

CONTACT:
J. KAPELA DESIGNS & CONST.
4302 John Avenue
Cleveland, Ohio 44113
216-465-2123

www.jkapeLA.com

MOORHEAD RESIDENCE

172 AURORA STREET
HUDSON, OH 44236

FOUNDATION PLAN

DATE
2023-12-07 LAYOUT EXISTING
2024-03-04 AHPB SUBMISSION

3-29-24

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CONSENT OF J. KAPELA CONSTRUCTION, LLC.

JOB # 2023-45

A101

FIRST FLOOR NOTES

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-ALL FLOOR JOISTS SHALL BE CROWNED BEFORE PLACEMENT.

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WINDOWS:

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WINDOWS WITHIN 60" OF STANDING OR WALKING SURFACE OF A TUB, SHOWER, HOT TUB OR WHIRLPOOL MUST BE TEMPERED.

WINDOWS WITH SILLS LOWER THAN 18" MUST BE TEMPERED.

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MINIMUM NET CLEAR OPENING WIDTH.....20"
MINIMUM NET CLEAR OPENING SQUARE FEET.....5.7
MINIMUM NET CLEAR OPENING SQ. FT. GRADE LEVEL.....5.0
REMOVAL OF SASH MAY NOT BE USED TO OBTAIN CLEAR OPNG.

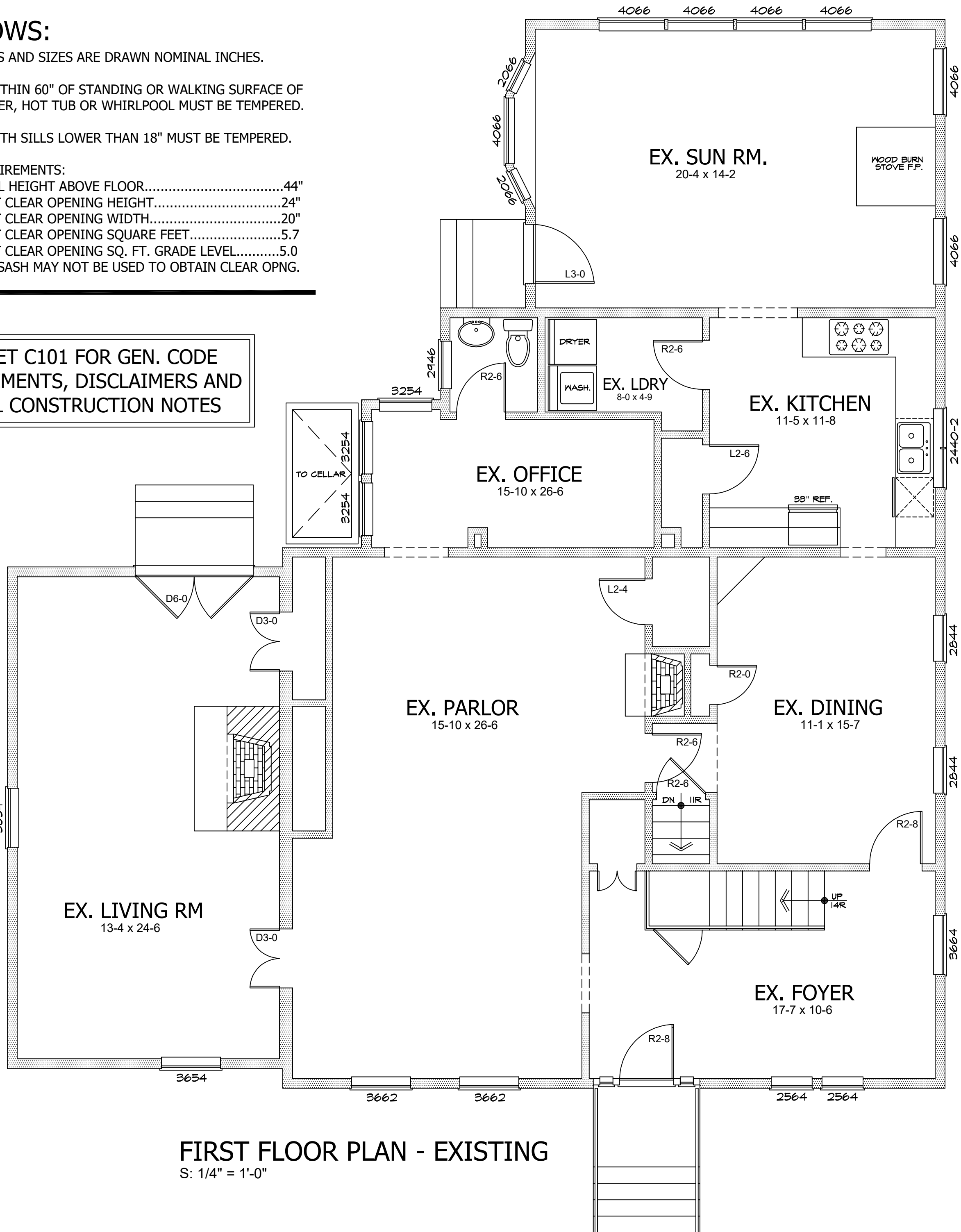
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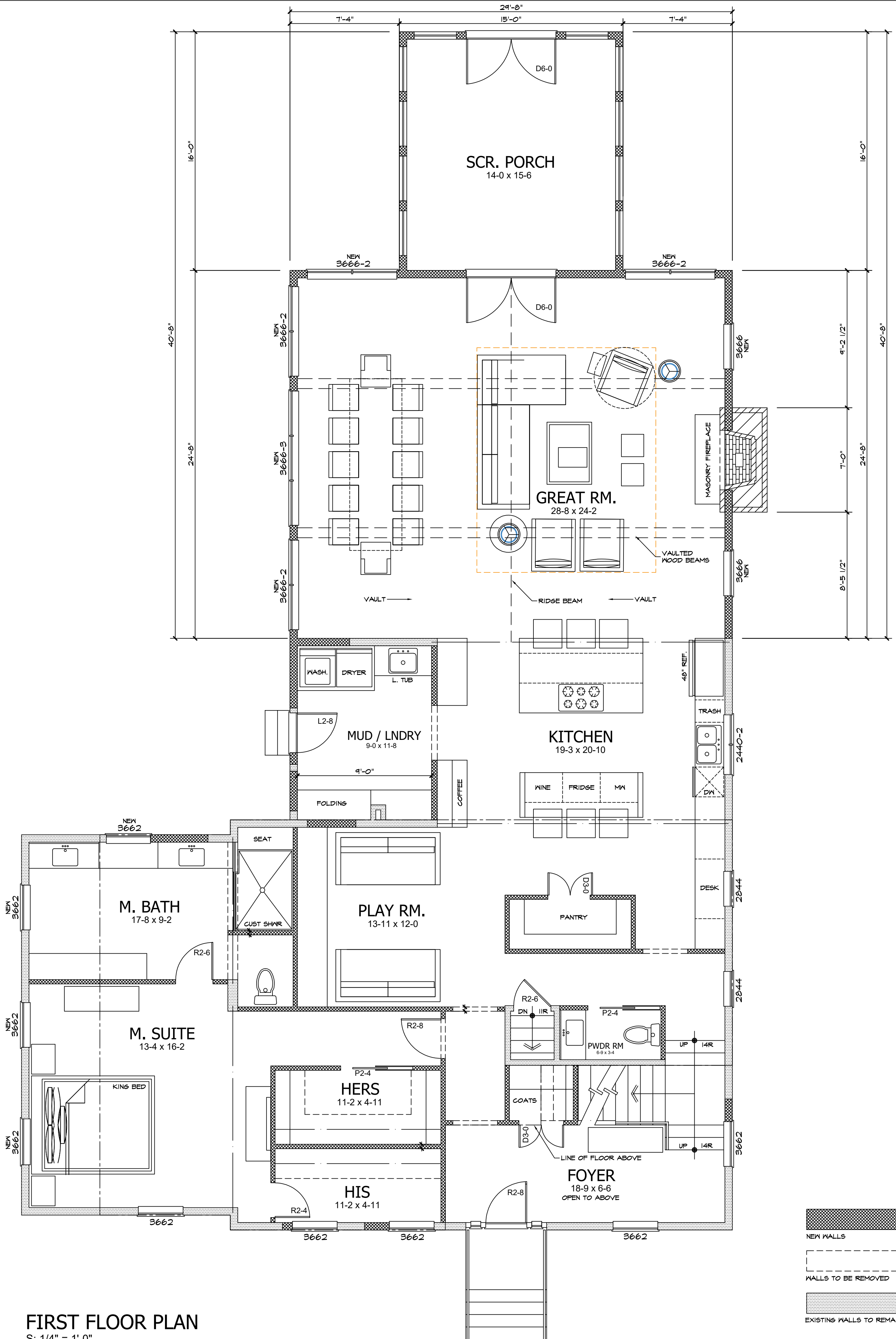
STAIR REQUIREMENTS:

MINI. STAIR WIDTH EXCLUDING WALL HANDRAIL.....3'-0"
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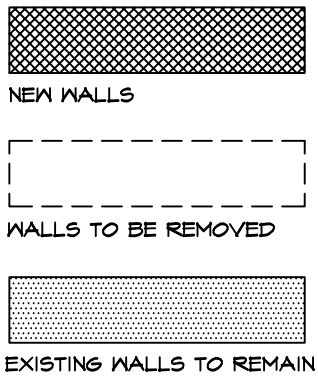
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FIRST FLOOR PLAN - EXISTING
S: 1/4" = 1'-0"



FIRST FLOOR PLAN
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JOB # 2023-45

A102

SECOND FLOOR NOTES

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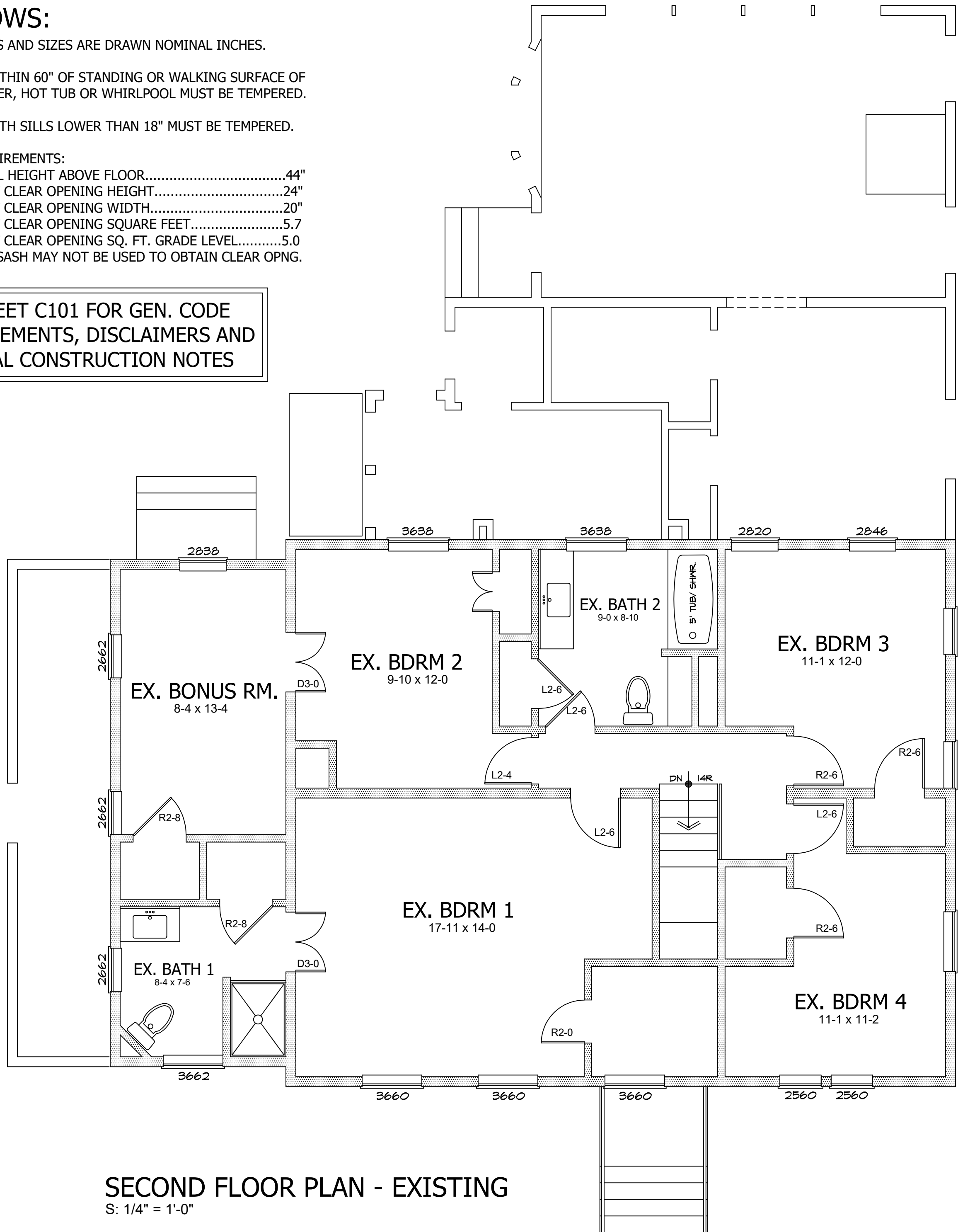
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SMOKE & CARBON DETECTORS:

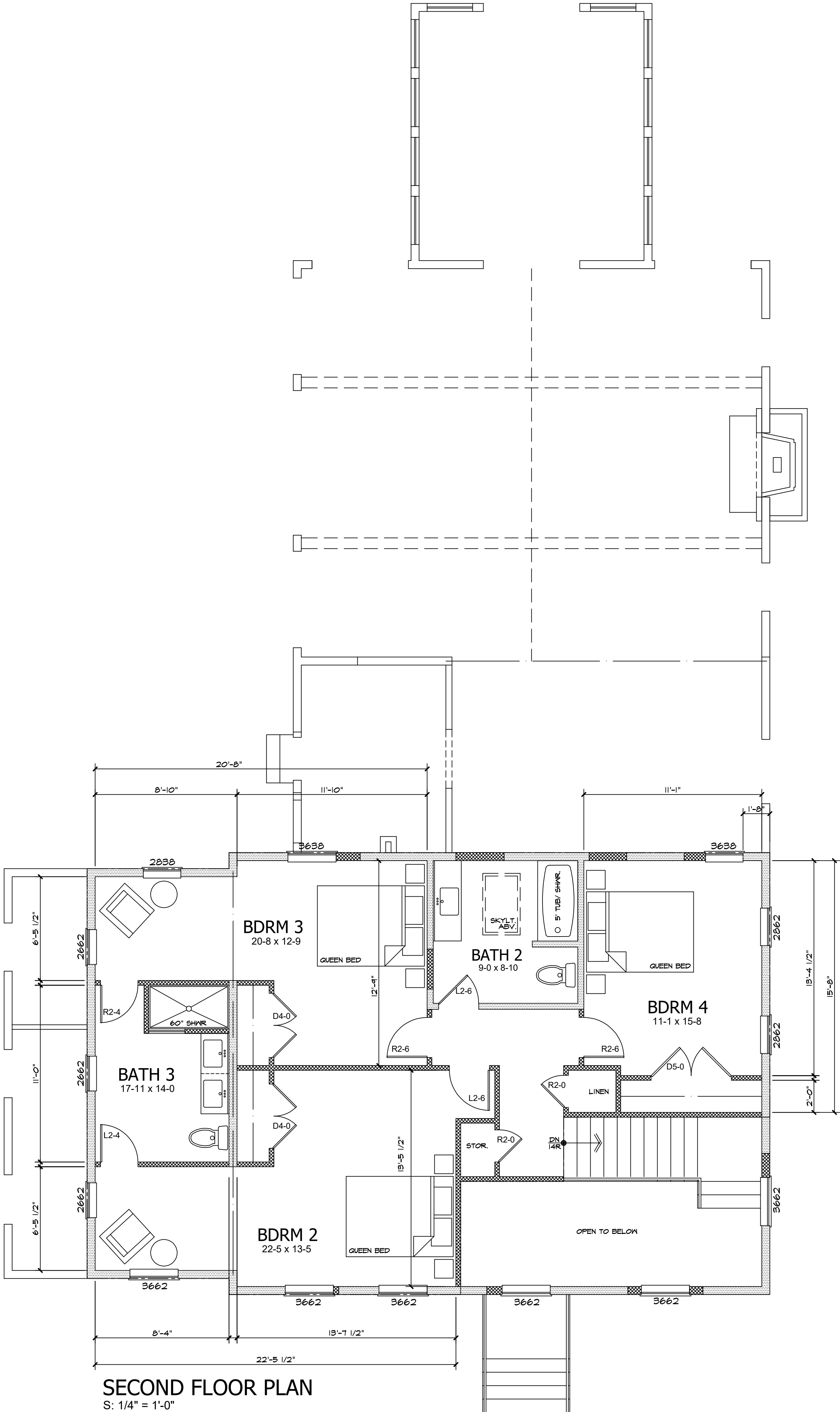
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SECOND FLOOR PLAN - EXISTING
S: 1/4" = 1'-0"



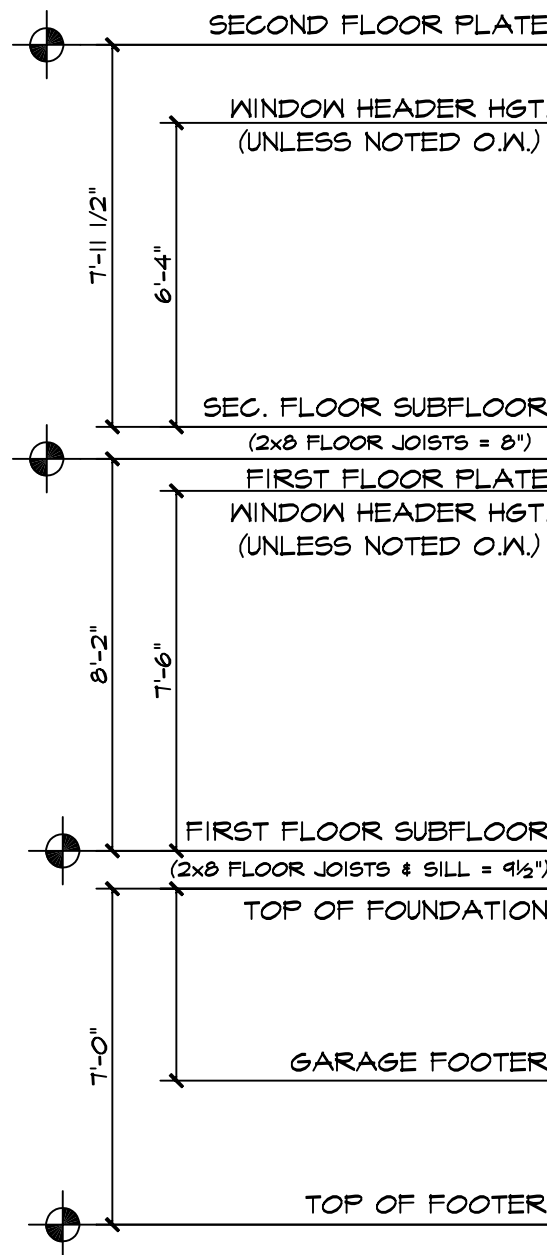
SECOND FLOOR PLAN
S: 1/4" = 1'-0"

- NEW WALLS
- WALLS TO BE REMOVED
- EXISTING WALLS TO REMAIN



THE EXISTING SIDING, SHUTTERS AND TRIM HAVE DETERIORATED BEYOND REPAIR:

1. SIDING TO BE NEW CEDAR LAP TO MATCH EXISING REVEAL
2. SHUTTERS TO BE NEW WOOD SHUTTERS TO MATCH EXISTING
3. TRIM TO BE BORAL WITH ALL SIZES AND PROFILES TO MATCH EXISTING



FRONT ELEVATION - EXIST.
S: 1/4" = 1'-0"



GAF TIMBERLINE HD SHINGLE - CHARCOAL



FRONT ELEVATION - NEW
S: 1/4" = 1'-0"

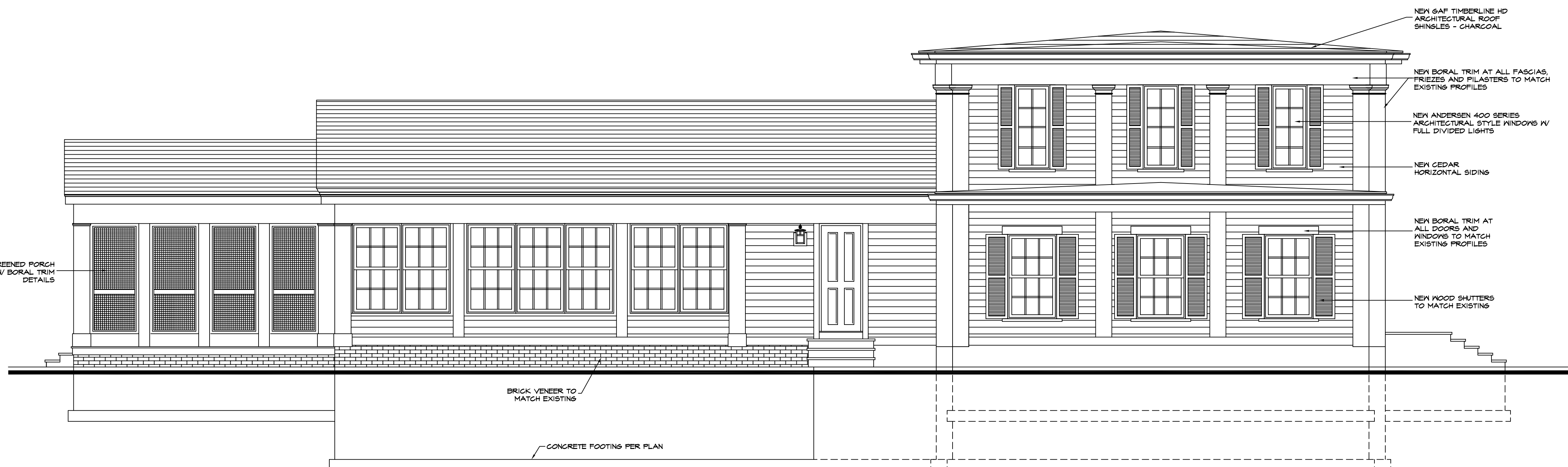
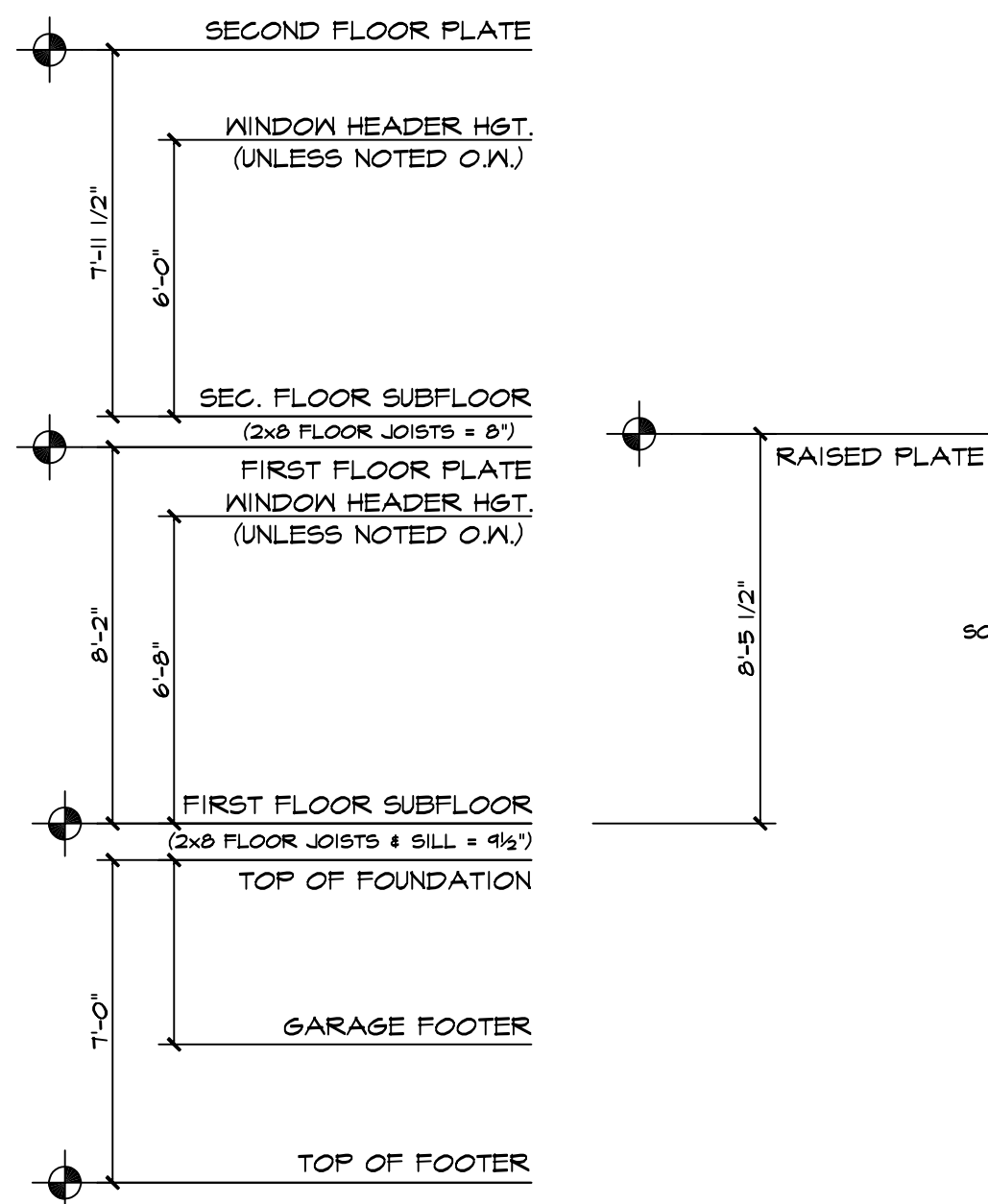
- NEW GAF TIMBERLINE HD ARCHITECTURAL ROOF SHINGLES - CHARCOAL
- NEW BORAL TRIM AT ALL FASCIAS, FRIZZES AND PILLASTERS TO MATCH EXISTING PROFILES
- NEW ANDERSEN 400 SERIES ARCHITECTURAL STYLE WINDOWS w/ FULL DIVIDED LIGHTS
- NEW CEDAR HORIZONTAL SIDING
- NEW BORAL TRIM AT ALL DOORS AND WINDOWS TO MATCH EXISTING PROFILES
- NEW WOOD SHUTTERS TO MATCH EXISTING
- EXISTING FRONT DOOR & SIDELIGHTS TO REMAIN, EXTERIOR TRIM TO BE REPLACED WITH BORAL TO MATCH EXISTING



SAMPLE OF ALL BORAL TRIM FROM OUR PROJECT AT 1751 E. HINES HILL RD.



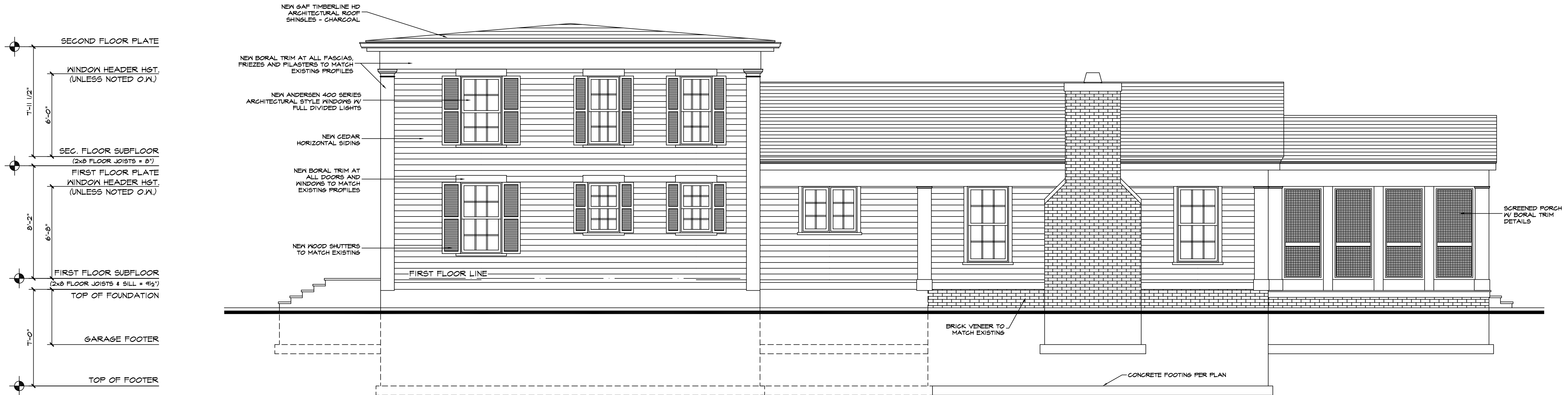
LEFT SIDE ELEVATION - EXIST.
S: 1/4" = 1'-0"



LEFT SIDE ELEVATION - NEW
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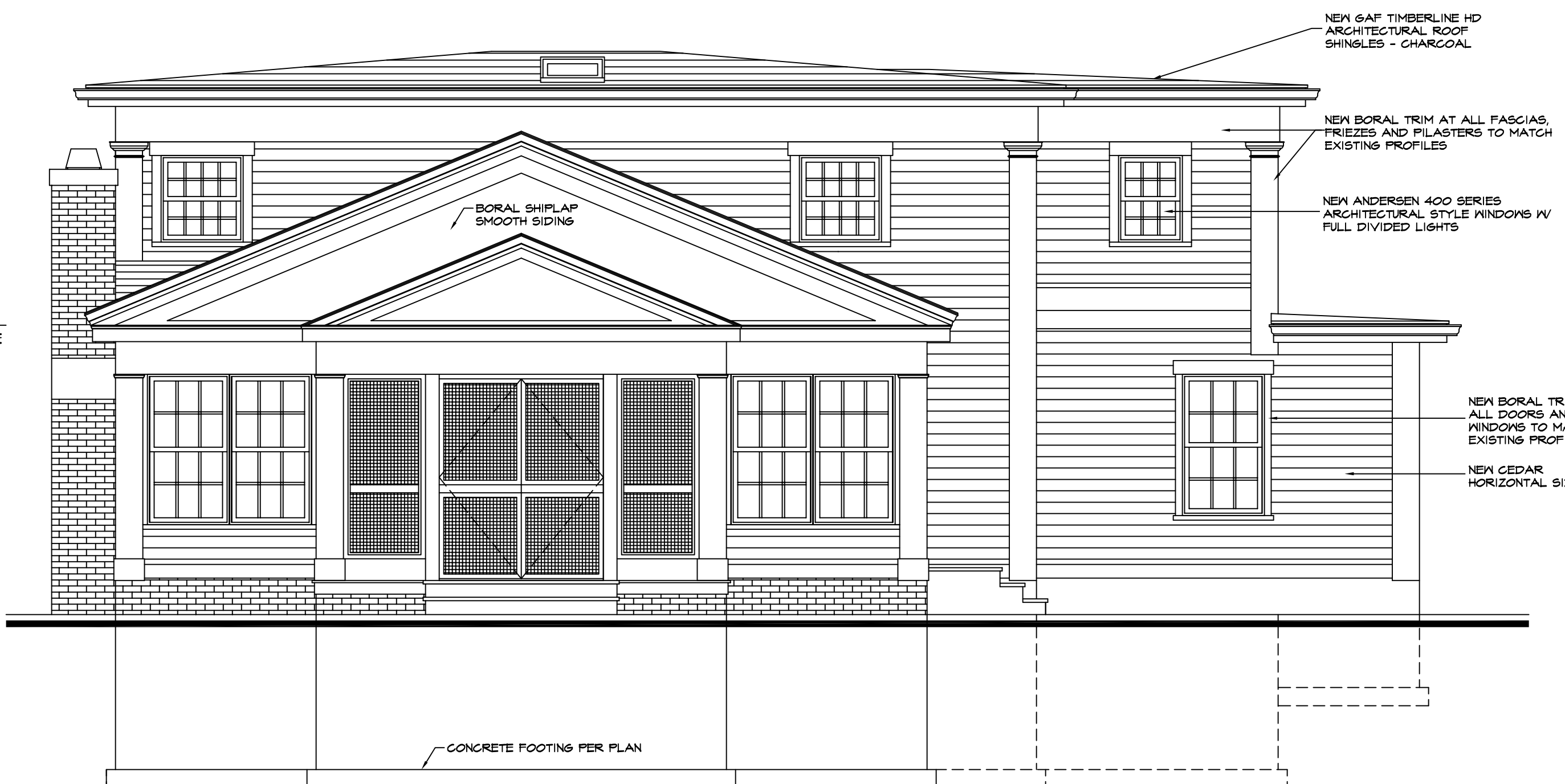
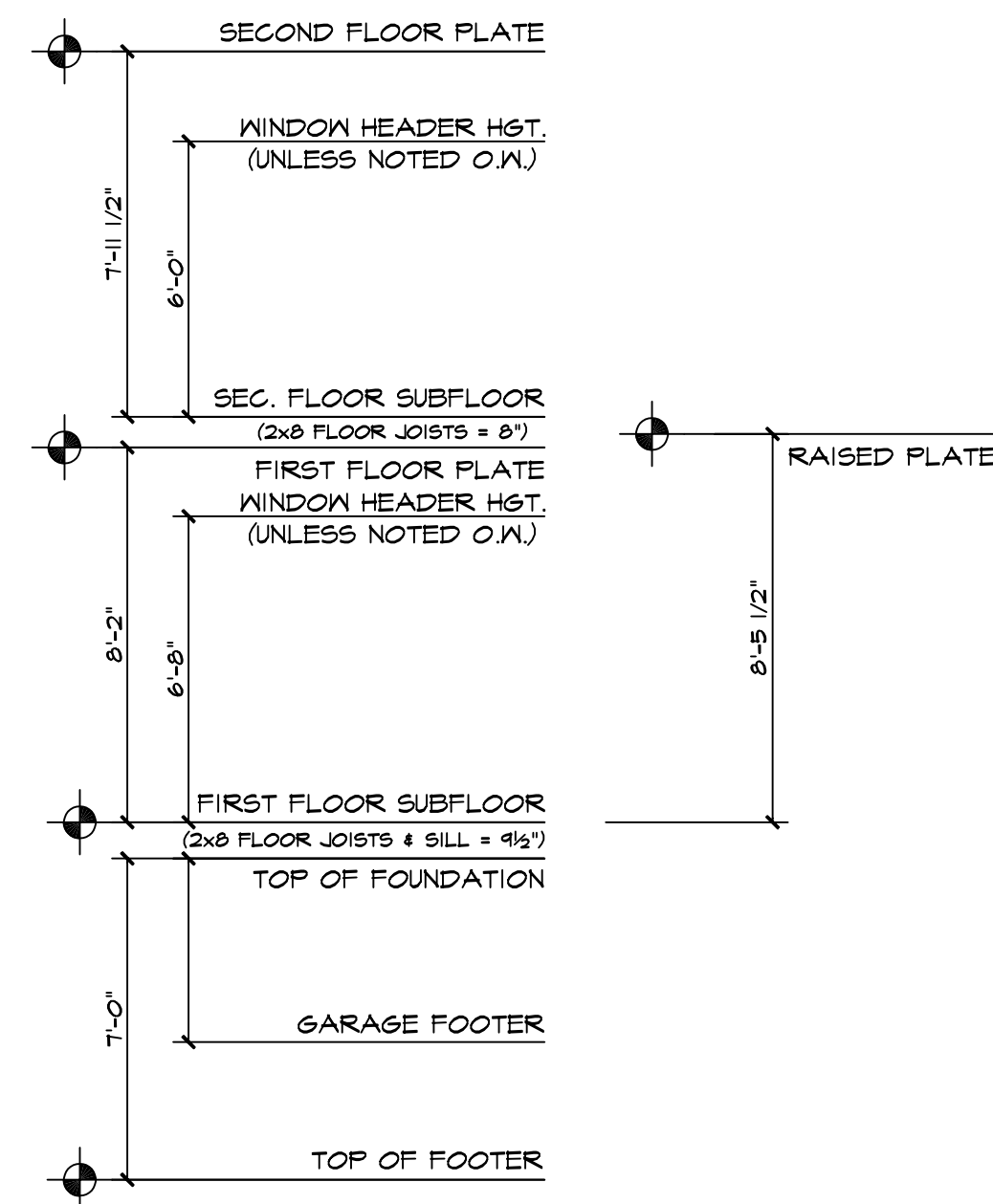
RIGHT SIDE ELEVATION - EXIST.
S: 1/4" = 1'-0"



RIGHT SIDE ELEVATION - NEW
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REAR ELEVATION - EXIST.
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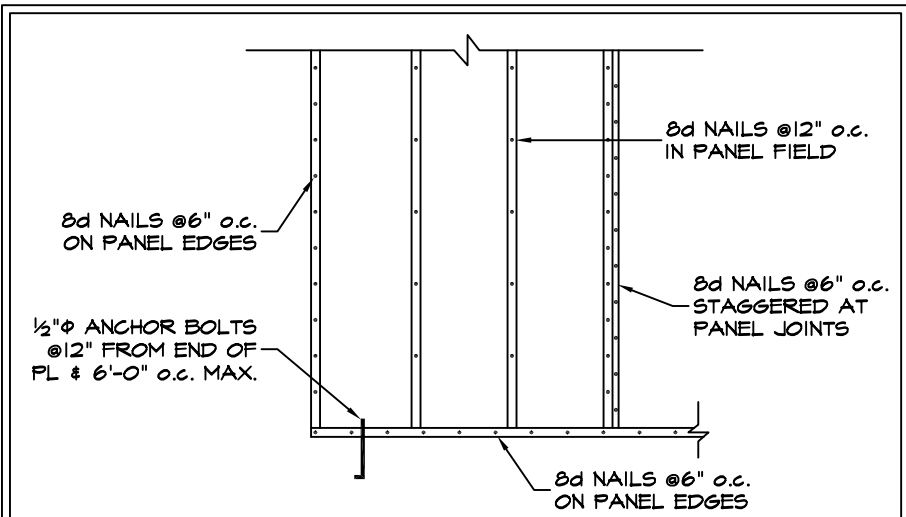
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SEE SHEET C101 FOR GEN. CODE
REQUIREMENTS, DISCLAIMERS AND
GENERAL CONSTRUCTION NOTES



METHOD CS-WSP (602.10.4)

- THIS IS FOR ALL EXTERIOR WALLS OF THE HOME U.N.O.
- EXTERIOR BRACED WALLS ARE ALL TO ALL BE CONTINUOUSLY SHEATHED WITH MIN 7/8" OSB OR PLYWOOD PER CODE.
- ATTACH PER TABLE 602.3(3)
- CONTINUOUSLY SHEATH PER SECTION 602.10.4.2
- MIN. PANEL LENGTHS PER TABLE 602.10.5
- PER TABLE 602.10.1.3 BRACED WALL LINE SPACING 60 FT. MAX WITH 3.1 DIAPHRAGM WIDTH TO DEPTH RATIO

BRACED WALL PANELS (NOT TO SCALE)

FOUNDATION NOTES

Reference sections 1061.3 and chapter 44 of the Residential Code of Ohio

GENERAL:

-2x8 PRESSURE TREATED SILL PLATE WITH SILL SEALER

-1/2" ϕ x18" ANCHOR BOLTS @ 6'-0" o.c. AND 12" MAXIMUM FROM CORNERS AND WITH A MIN. OF 2 BOLTS PER PLATE PER RCO SECTION 403.1.6.

-EXTERIOR FOUNDATION INSULATION AS REQUIRED.

-R-19 BATT INSULATION BETWEEN FLOOR JOIST CAVITIES AT RIM.

FOOTINGS:

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-ALL CONCRETE LINTELS AT FOOTING LEVEL CHANGES SHALL HAVE A MINIMUM OF 8" BEARING AT EACH END.

CENTER ALL FOOTINGS ON COLUMN CENTER LINES. REINFORCE EACH WAY AS FOLLOWS:

24"x24".....(2)#4
30"x30".....(3)#4
36"x36".....(3)#5
42"x42".....(4)#5
48"x48".....(4)#5
60"x60".....(5)#5
72"x72".....(6)#5

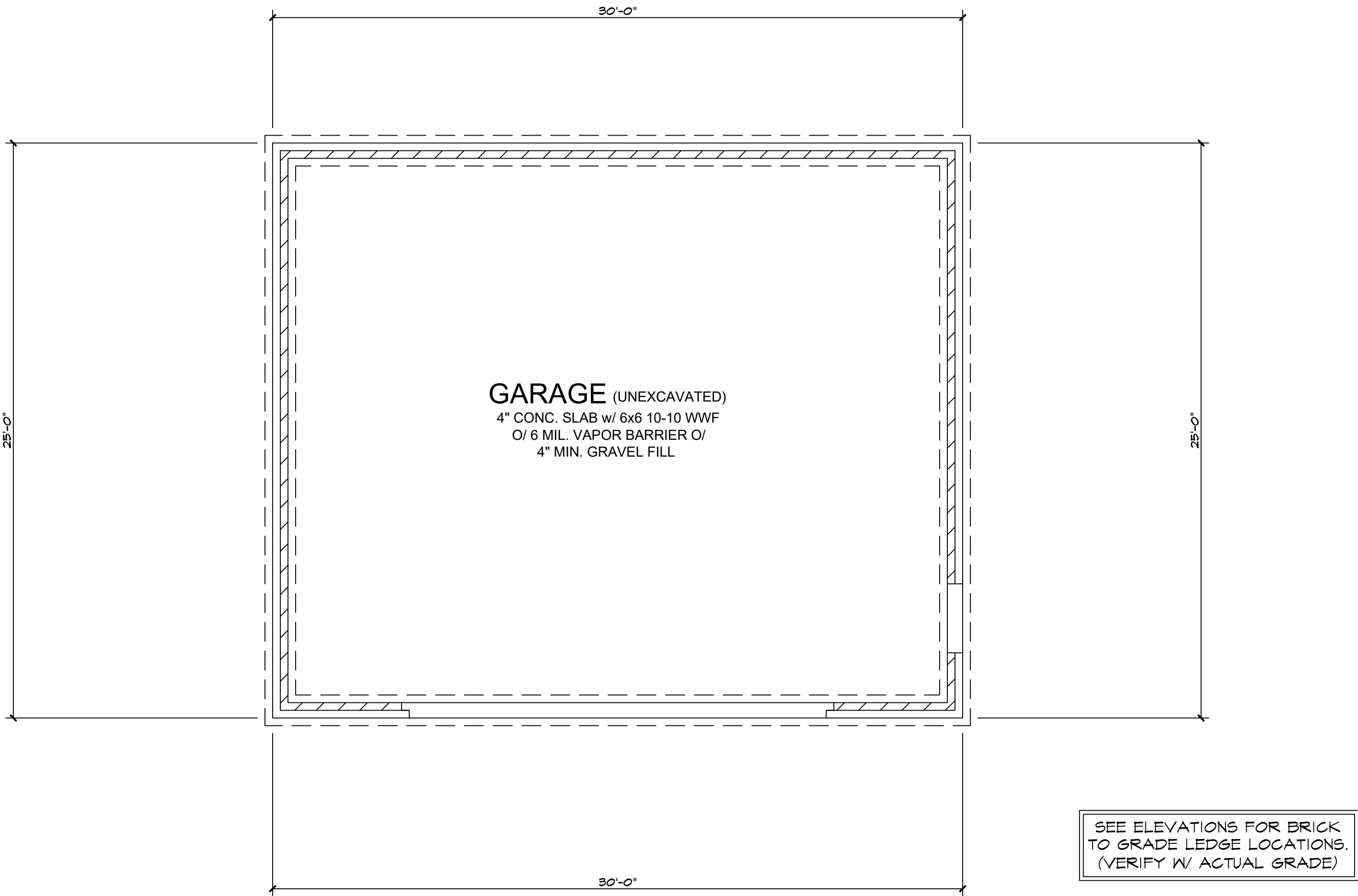
CRAWL SPACE VENTILATION:

CRAWL SPACE EXTERIOR VENTILATION OPENINGS MAY BE OMITTED WHEN CONTINUOUSLY OPERATED MECHANICAL VENTILATION IS PROVIDED AT A RATE OF 1.0 cfm FOR EACH 50 SQUARE FEET OF CRAWL SPACE FLOOR AREA.

POINT LOADS:

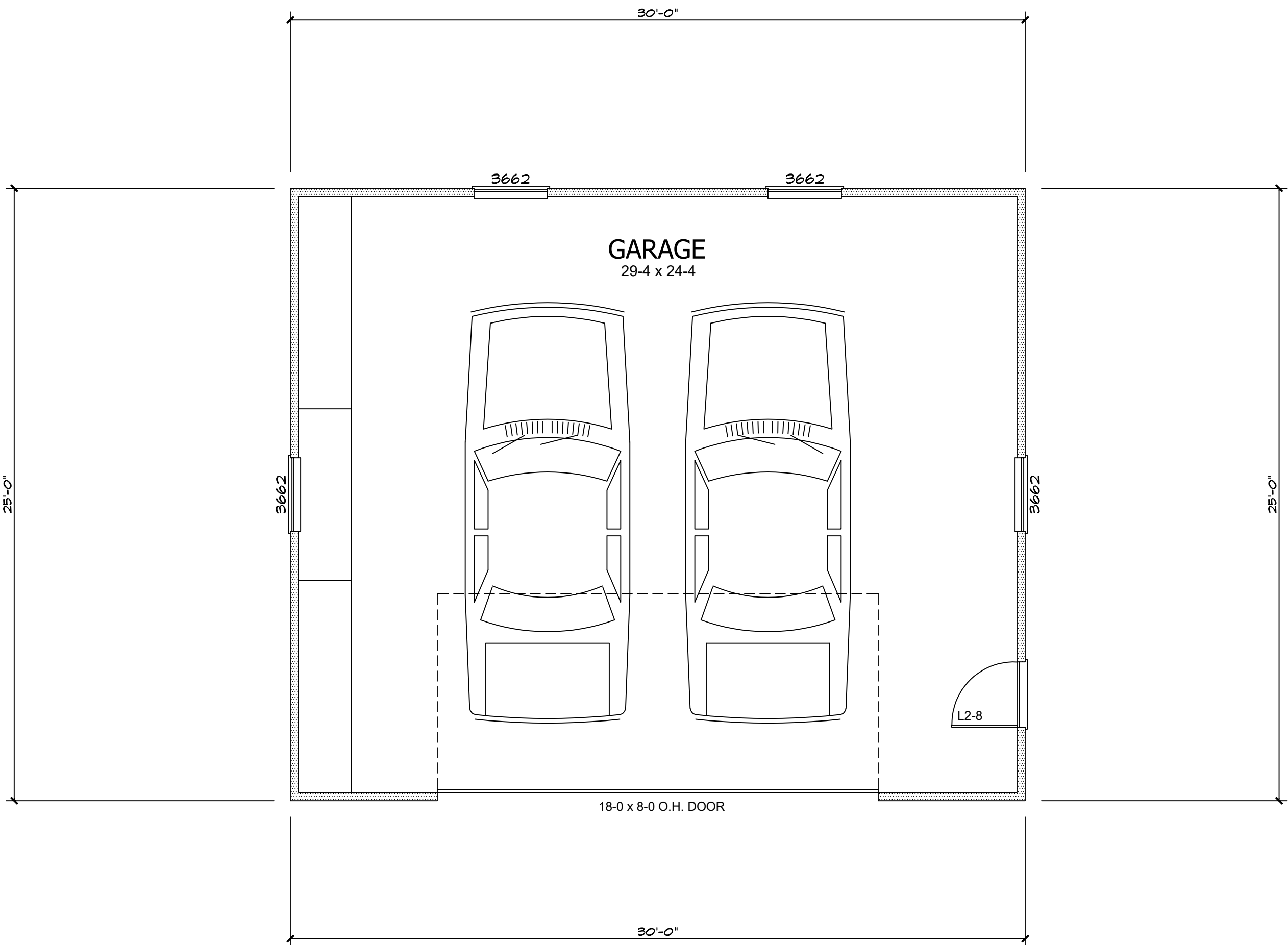
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SEE SHEET C101 FOR GEN. CODE
REQUIREMENTS, DISCLAIMERS AND
GENERAL CONSTRUCTION NOTES



FOUNDATION PLAN

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



FIRST FLOOR PLAN

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

CONTACT:
J. KAPELA DESIGNS & CONST.
4302 John Avenue
Cleveland, Ohio 44113
216-465-2123
www.jkapela.com

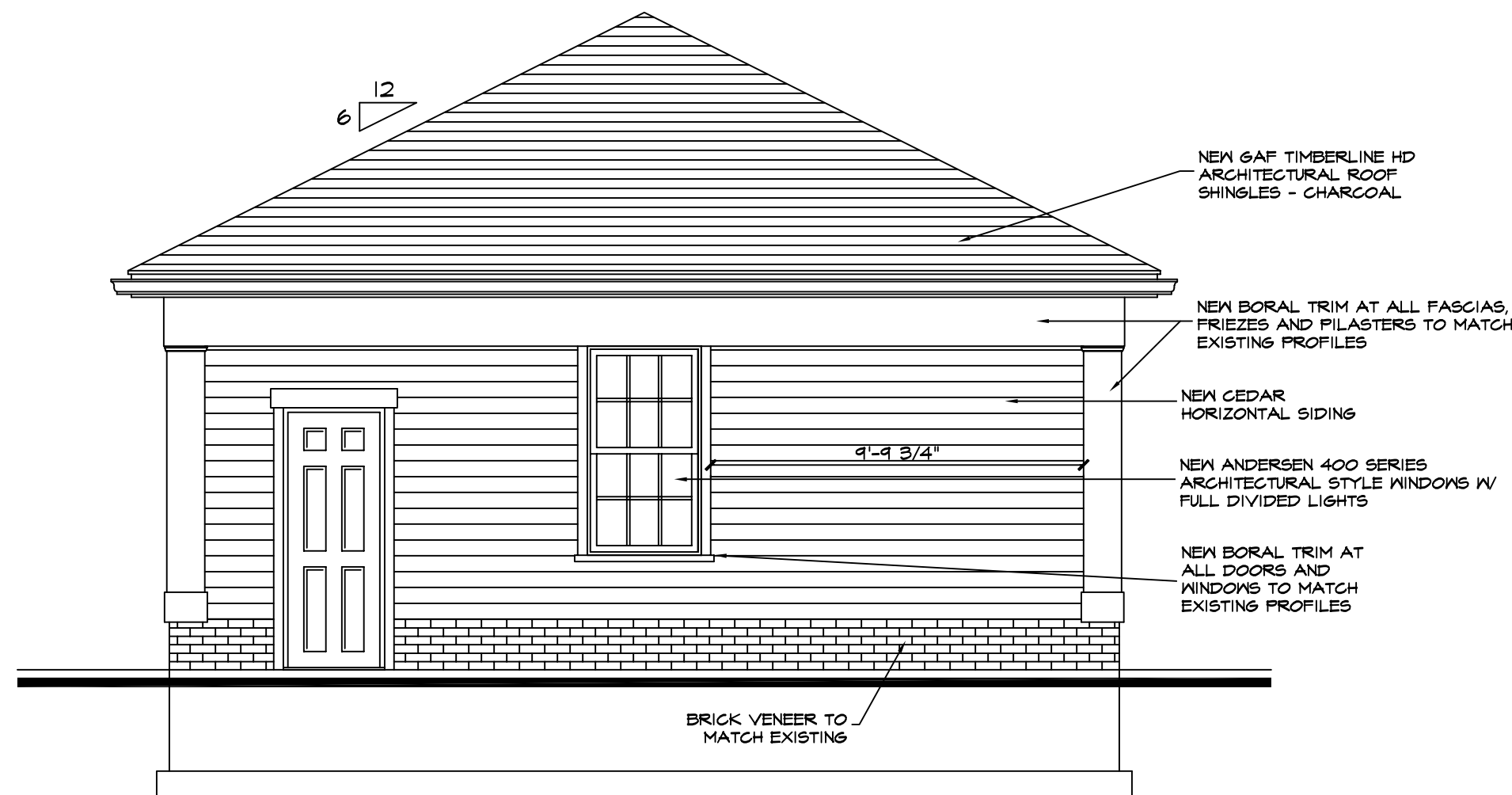
DATE
2023-12-07 LAYOUT EXISTING
2024-03-04 A/RFB SUBMISSION

3-29-24

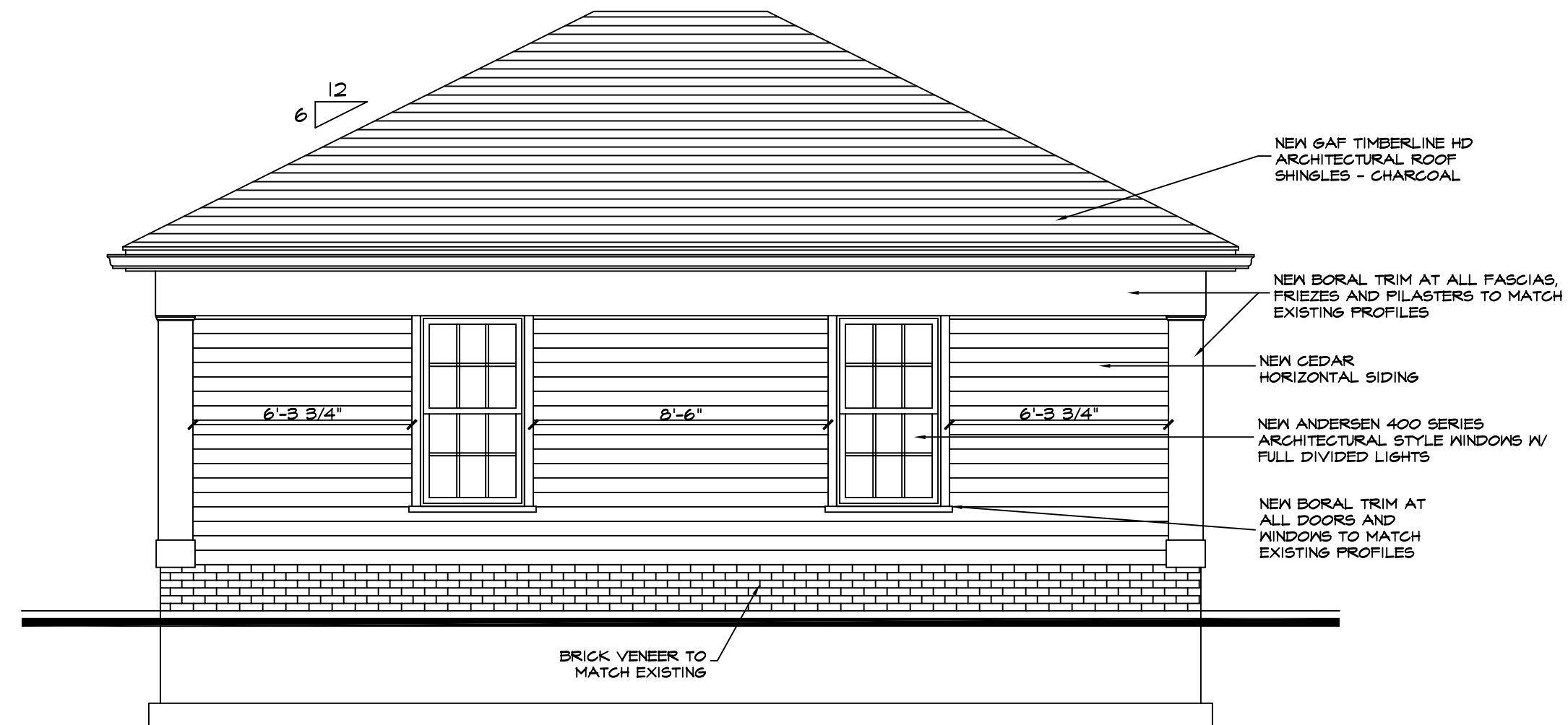
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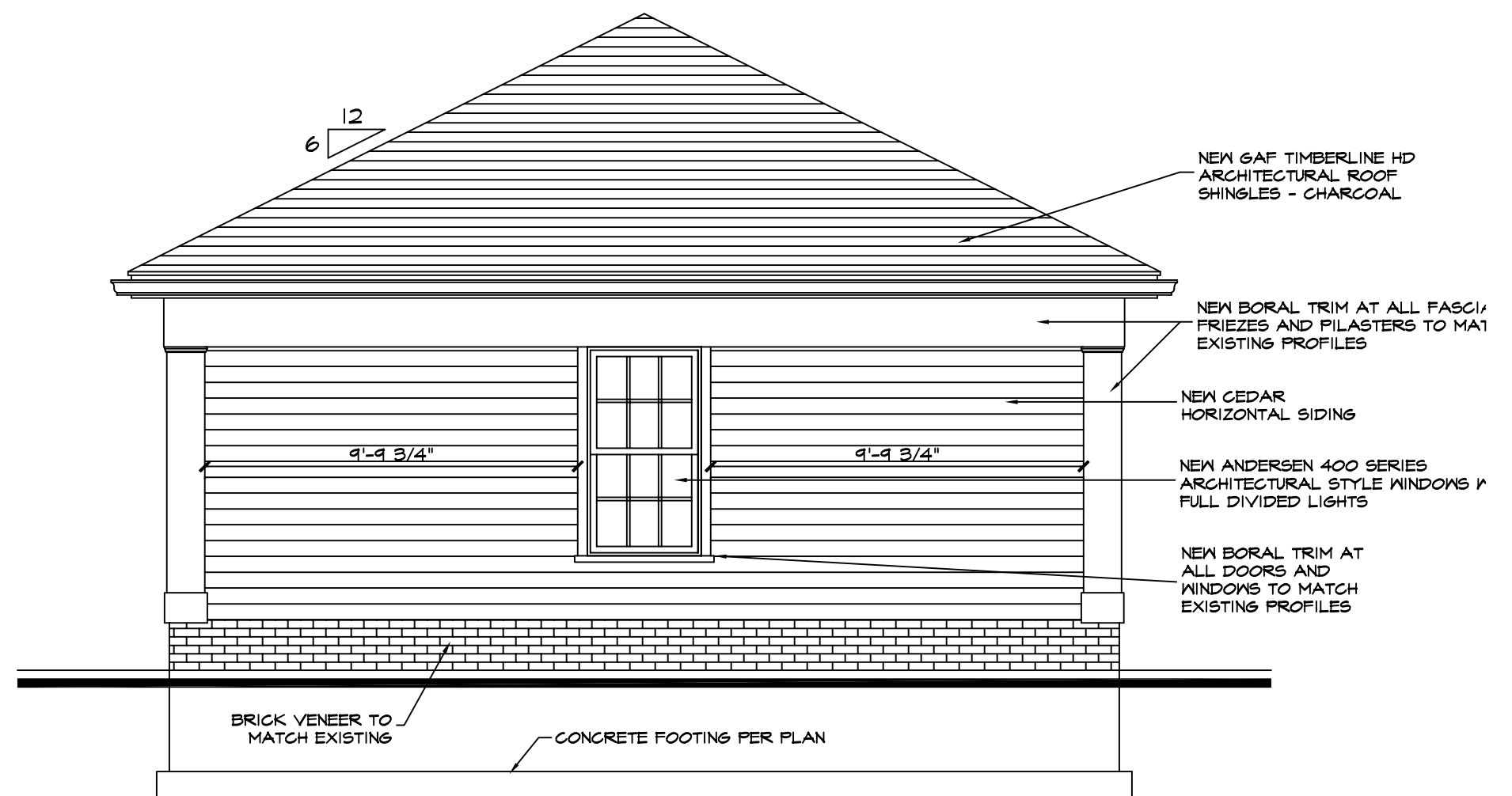
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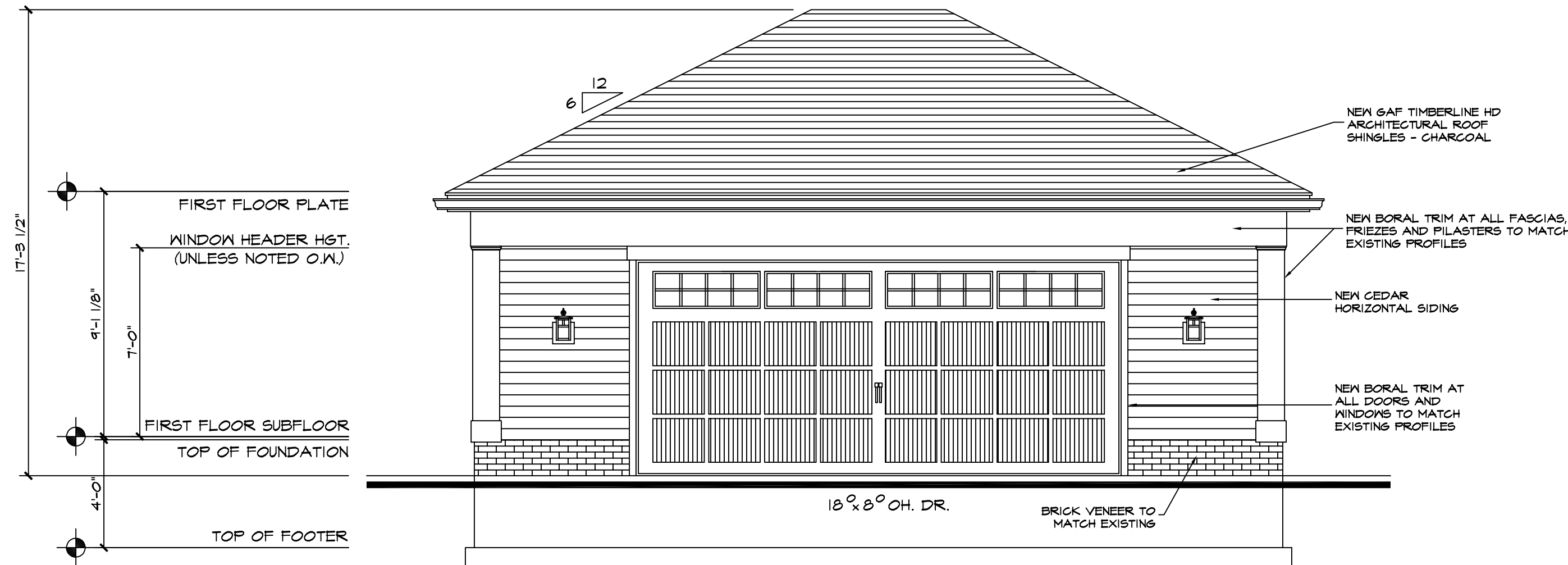
RIGHT SIDE ELEVATION
S: 1/4" = 1'-0"



REAR ELEVATION
S: 1/4" = 1'-0"



LEFT SIDE ELEVATION
S: 1/4" = 1'-0"



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

FIRST FLOOR NOTES

Reference sections 1061.3 and chapter 44 of the Residential Code of Ohio

GENERAL:

- ALL WALLS ARE DIMENSIONED STUD-TO-STUD.
- ALL INTERIOR WALLS ARE 3 1/2", EXTERIOR WALLS ARE 6" UNLESS OTHERWISE NOTED.
- ALL ANGLED WALLS ARE 45° UNLESS OTHERWISE NOTED.
- SEE PLANS FOR HEADERS IN ALL OPENINGS FOR EXTERIOR AND LOAD BEARING WALLS.
- ALL FLOOR JOISTS SHALL BE CROWNED BEFORE PLACEMENT.
- ALL POSTS (■) SHALL BE A MINIMUM OF (3)2x4's OR (2)2x6's UNLESS NOTED OTHERWISE & DEPENDENT ON WALL THICKNESS
- POINT LOADS ARE REPRESENTED BY (●)

SMOKE & CARBON DETECTORS:

ALL SMOKE & CARBON DETECTORS SHALL BE HARDWIRED & INTERCONNECTED WITH A BATTERY BACK-UP. THEY SHALL BE INSTALLED IN EACH SLEEPING ROOM, OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS AND ON EACH ADDITIONAL STORY OF THE BUILDING PER RCO SECTIONS 314.3 AND 315.1.

FIREPLACES:

ALL CHIMNEYS AND FIREPLACES SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF 2013 RCO AND INSTALLED PER THE ORDINANCES SET FORTH THE BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS. IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO VERIFY THE ROUGH-OPENING DIMENSIONS FOR ALL PRE-FAB FIREPLACES WITH THE ACTUAL UNIT TO BE INSTALLED, PRIOR TO FRAMING.

WINDOWS:

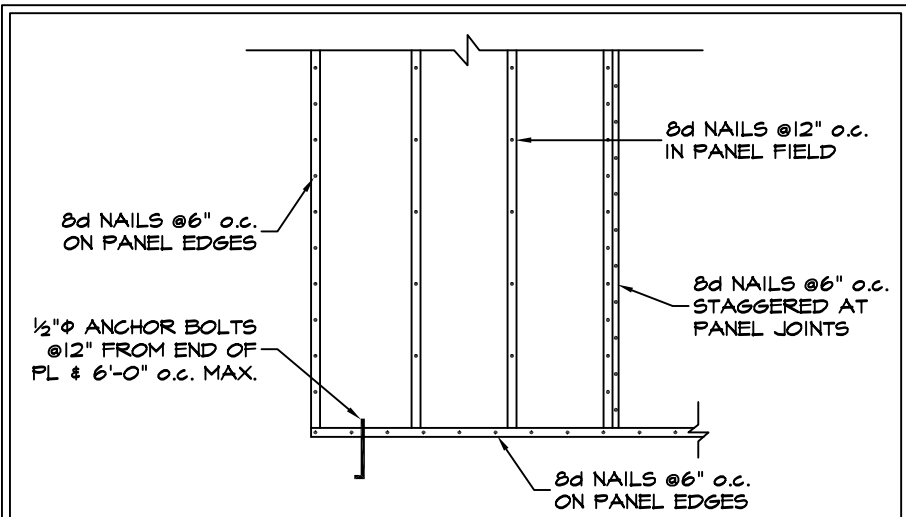
- ALL WINDOWS AND SIZES ARE DRAWN NOMINAL INCHES.
- WINDOWS WITHIN 60" OF STANDING OR WALKING SURFACE OF A TUB, SHOWER, HOT TUB OR WHIRLPOOL MUST BE TEMPERED.
- WINDOWS WITH SILLS LOWER THAN 18" MUST BE TEMPERED.

EGRESS REQUIREMENTS:
MAXIMUM SILL HEIGHT ABOVE FLOOR.....44"
MINIMUM NET CLEAR OPENING HEIGHT.....24"
MINIMUM NET CLEAR OPENING WIDTH.....20"
MINIMUM NET CLEAR OPENING SQUARE FEET.....5.7
MINIMUM NET CLEAR OPENING SQ. FT. GRADE LEVEL.....5.0
REMOVAL OF SASH MAY NOT BE USED TO OBTAIN CLEAR OPNG.

STAIR REQUIREMENTS:

- MINI. STAIR WIDTH EXCLUDING WALL HANDRAIL.....3'-0"
- MINIMUM TREAD DEPTH.....9"
- MAXIMUM RISER HEIGHT.....8 1/4"
- MAXIMUM VARIANCE IN RISER HEIGHT.....3/8"
- MINIMUM NOSING PROJECTION.....1"
- MINIMUM HEADROOM HEIGHT AT STAIR ANGLE.....6'-8"
- MINIMUM / MAXIMUM HANDRAIL HEIGHT.....34" / 38"
- MAXIMUM BALUSTER SPACING (CLEAR OPENING).....<4"
- MINIMUM GUARDRAIL HEIGHT AT STAIRS.....34"
- MINIMUM GUARDRAIL HEIGHT AT DECKS & BALCONIES.....36"
- MAXIMUM HAND GRIP WIDTH.....2 1/4"
- MINIMUM DISTANCE BETWEEN WALL AND HANDRAIL.....1 1/2"

SEE SHEET C101 FOR GEN. CODE REQUIREMENTS, DISCLAIMERS AND GENERAL CONSTRUCTION NOTES



- METHOD CS-WSP (602.10.4)**
- THIS IS FOR ALL EXTERIOR WALLS OF THE HOME U.N.O.
 - EXTERIOR BRACED WALLS ARE ALL TO ALL BE CONTINUOUSLY SHEATHED WITH MIN 7/8\"/>
 - ATTACH PER TABLE 602.3(3)
 - CONTINUOUSLY SHEATH PER SECTION 602.10.4.2
 - MIN. PANEL LENGTHS PER TABLE 602.10.5
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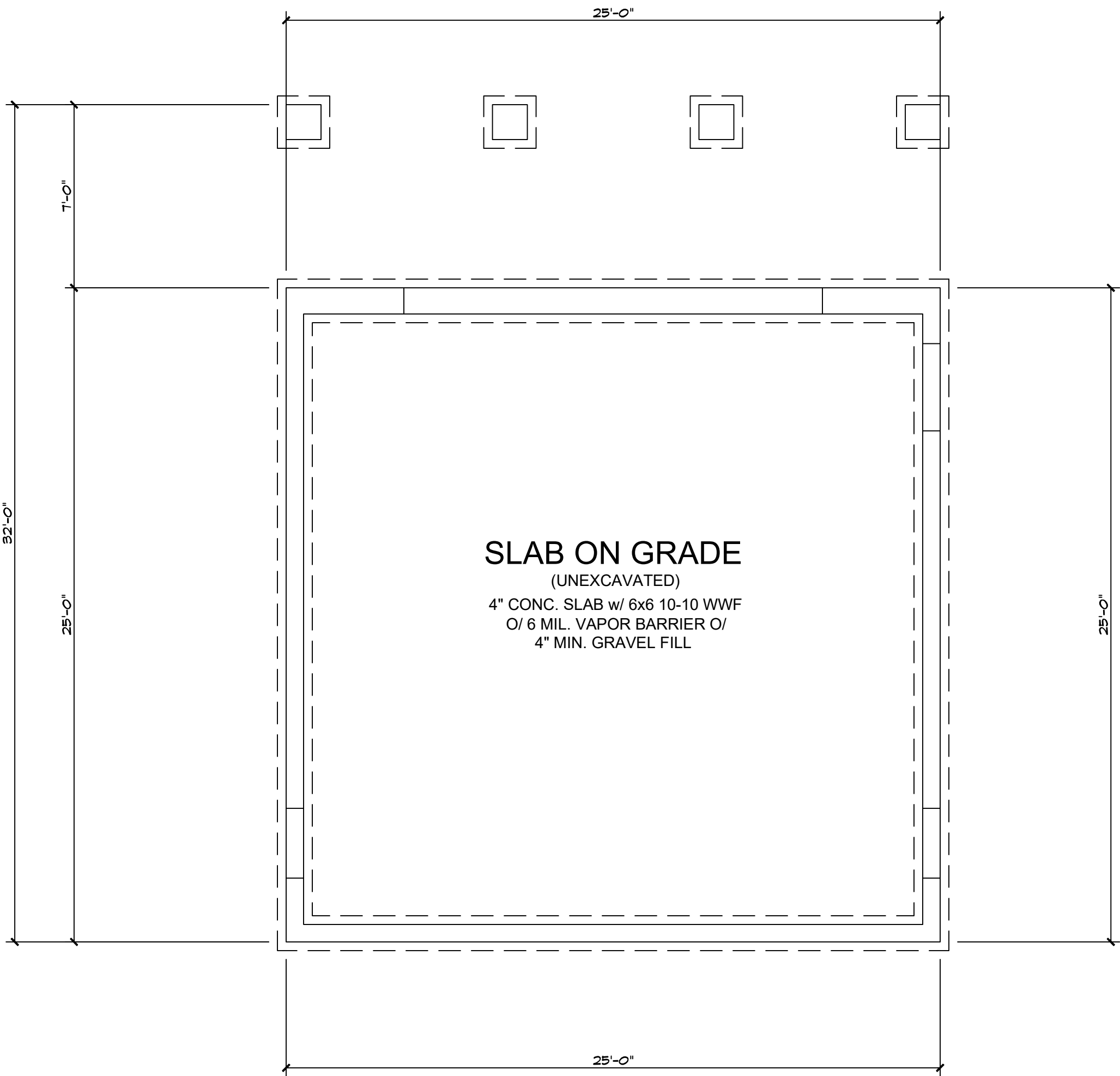
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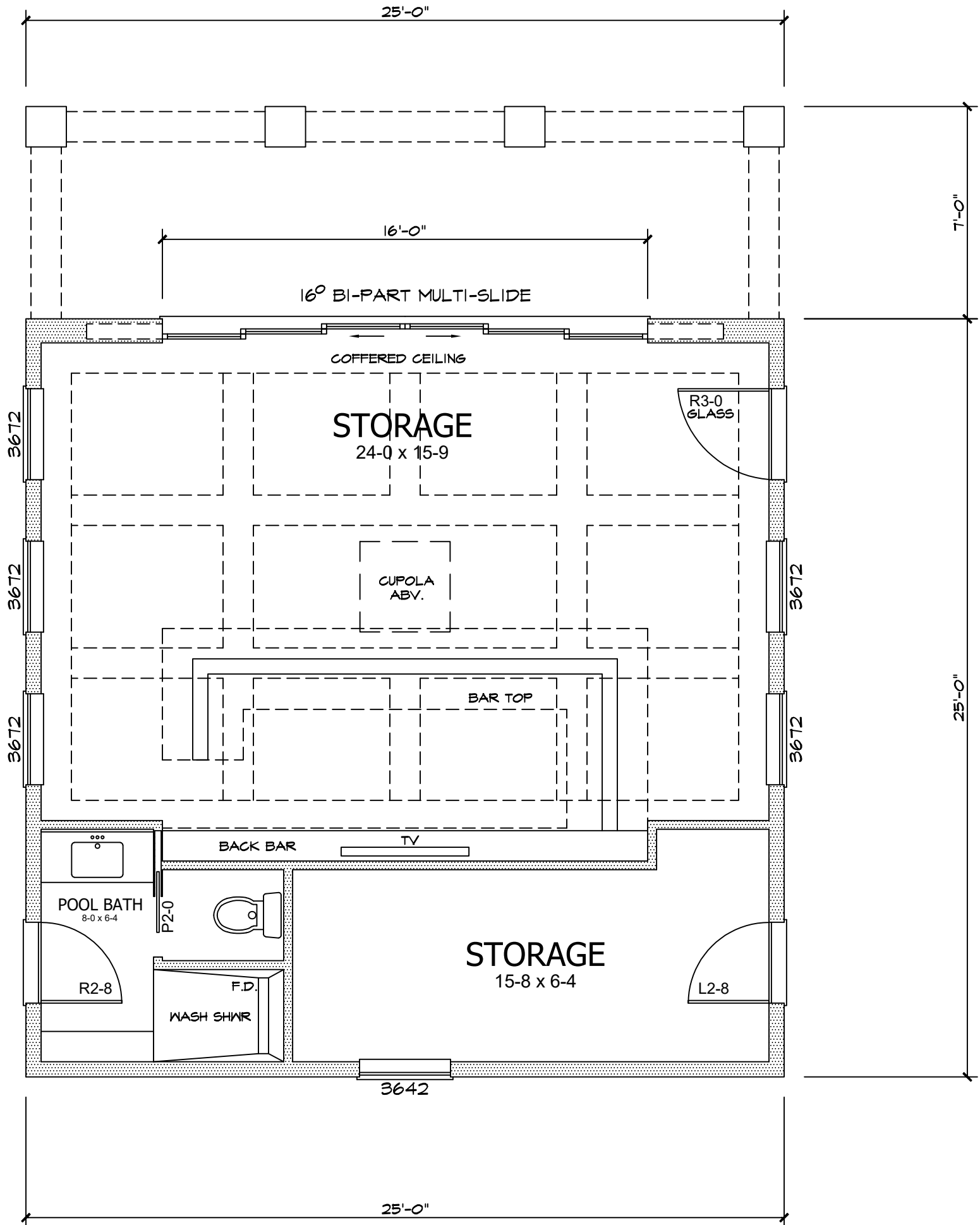
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FOUNDATION PLAN

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



FIRST FLOOR PLAN

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MOORHEAD RESIDENCE

172 AURORA STREET
HUDSON, OH 44236

FIRST FLOOR PLAN

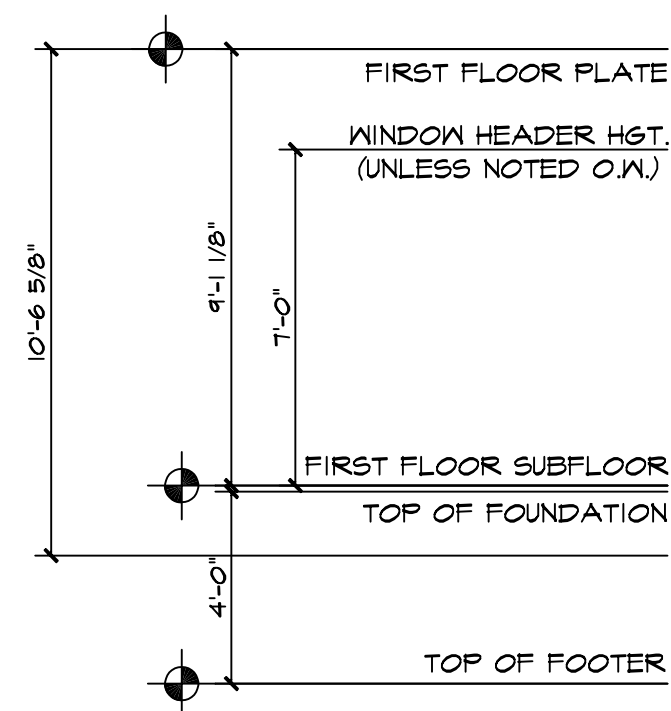
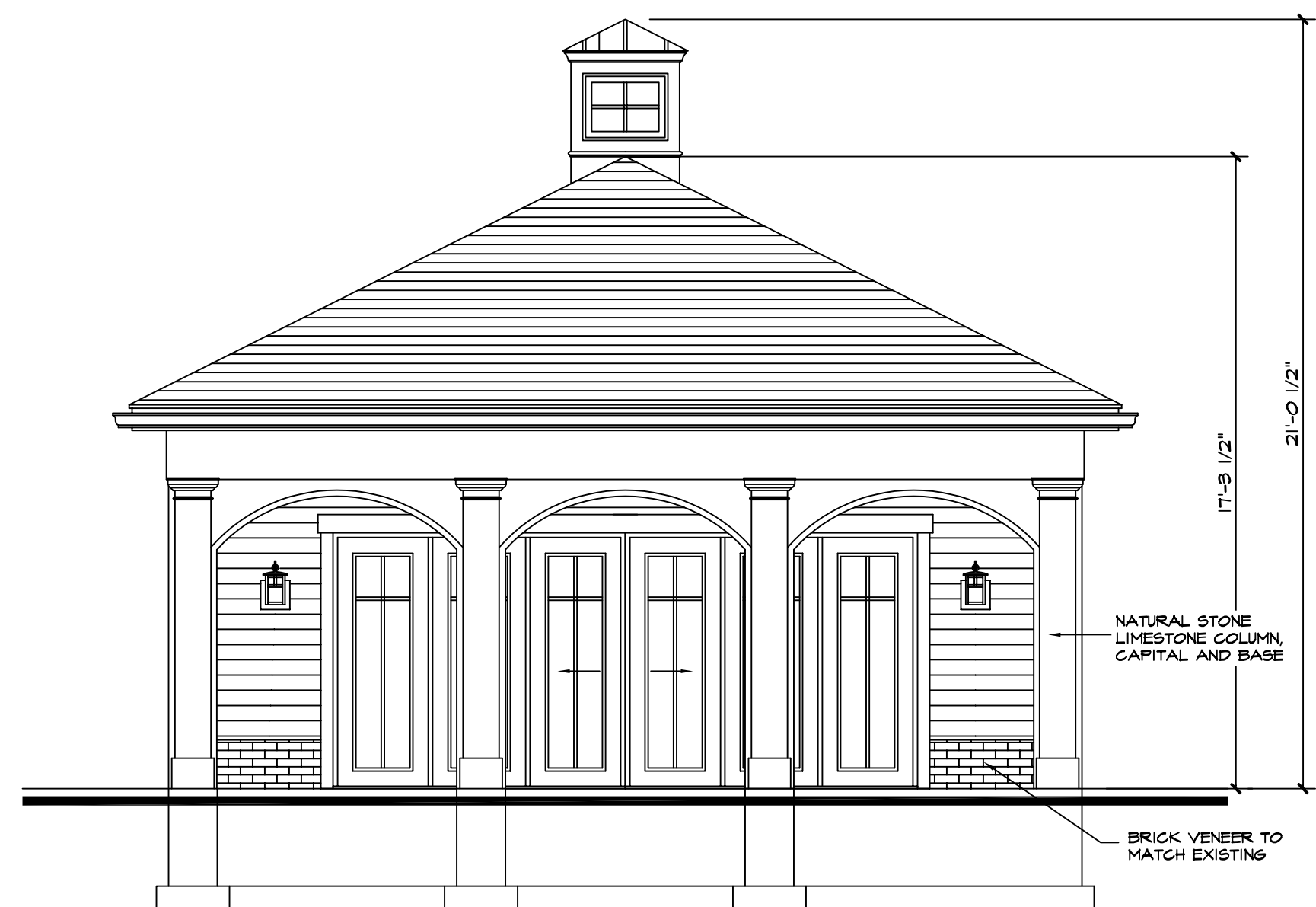
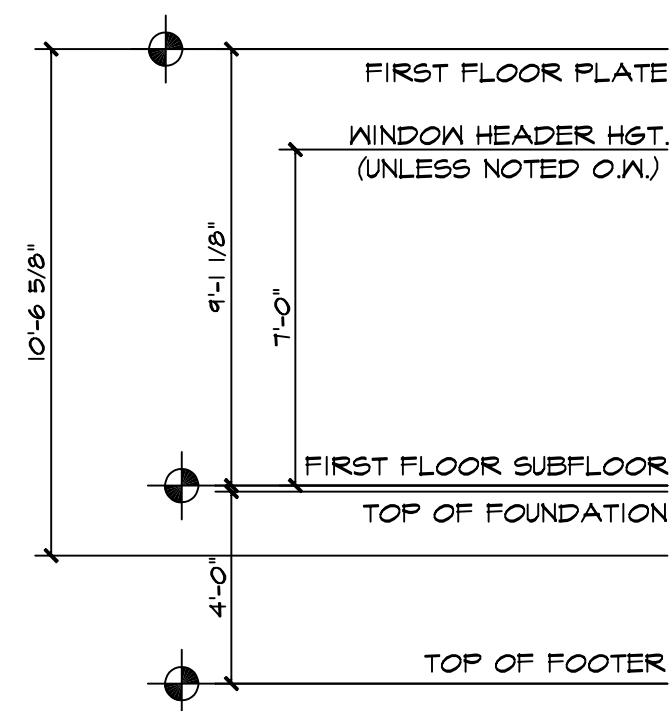
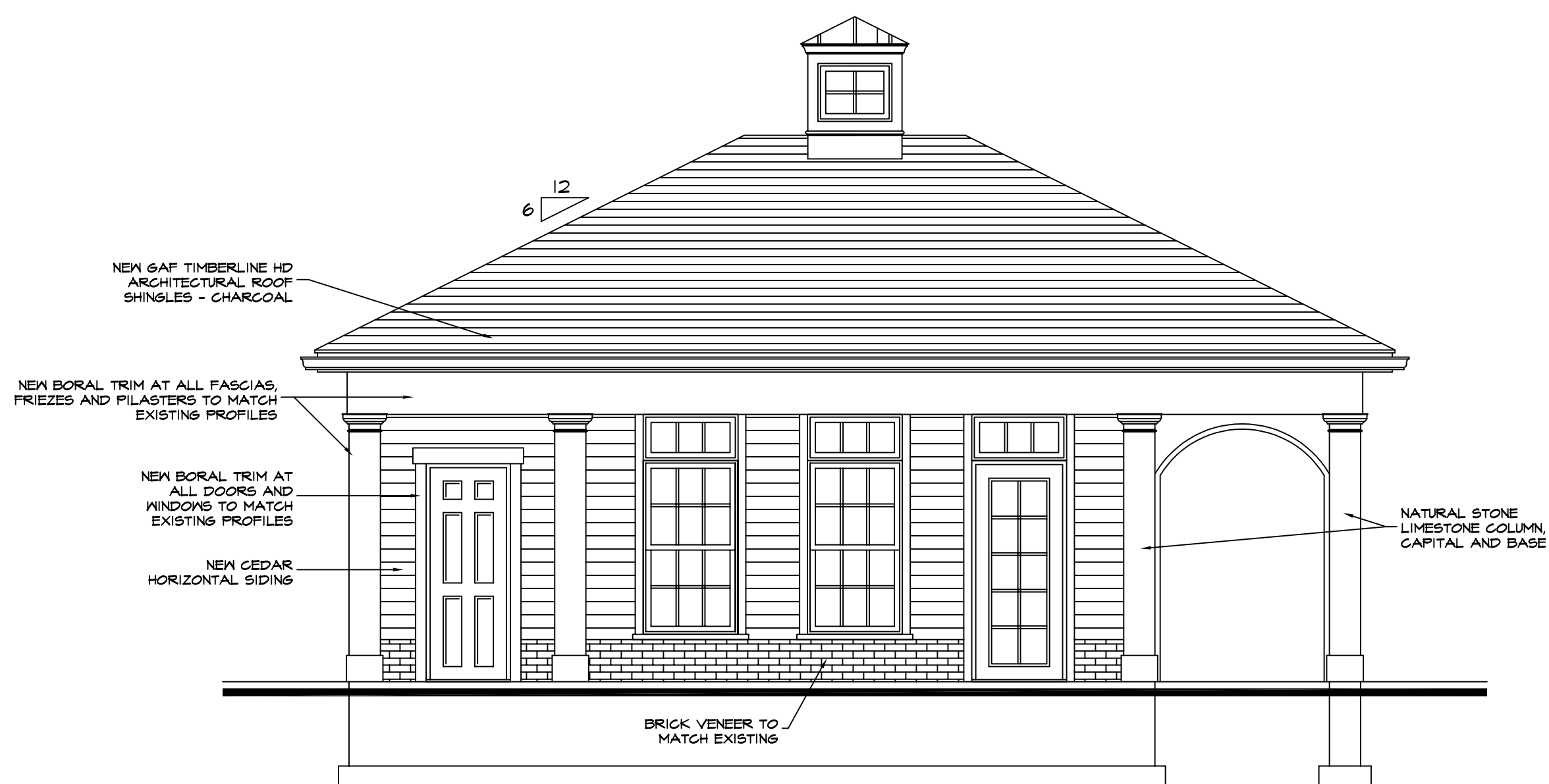
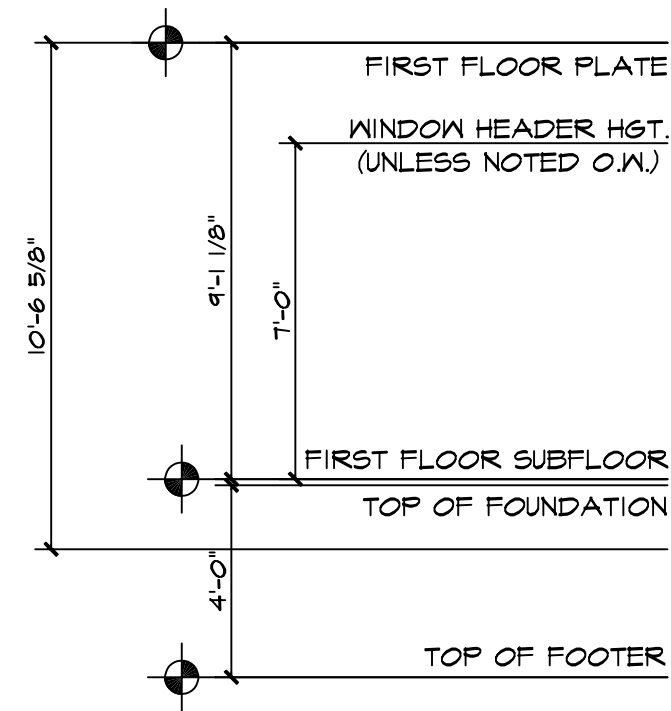
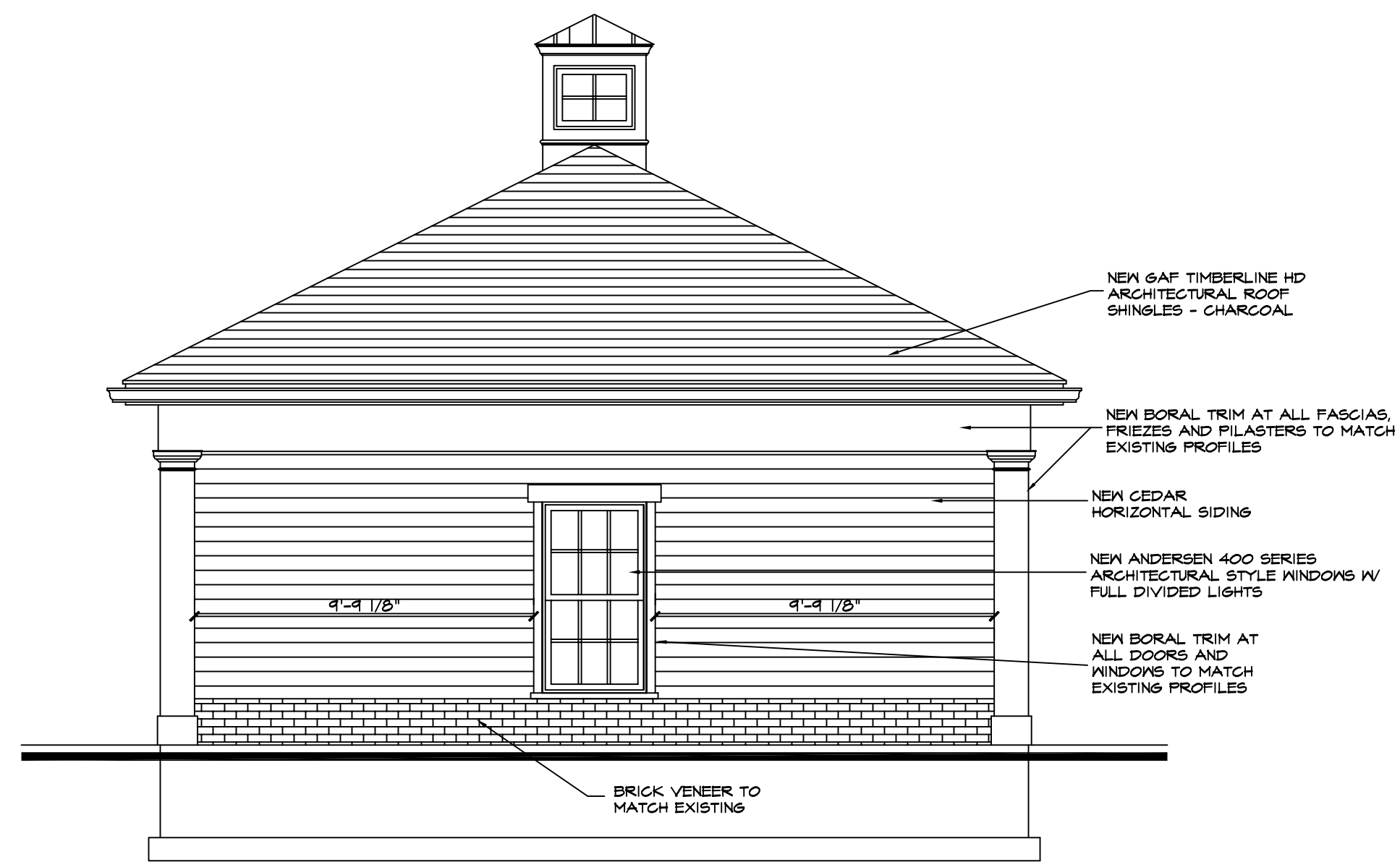
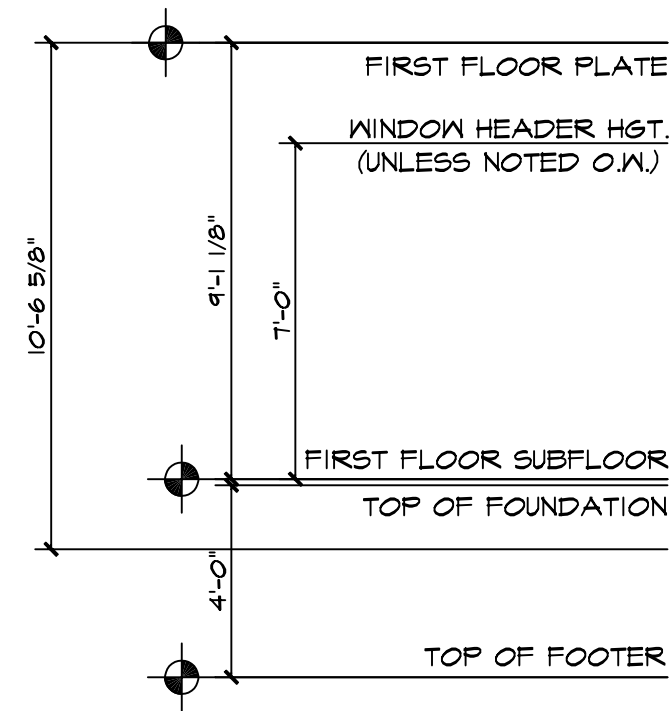
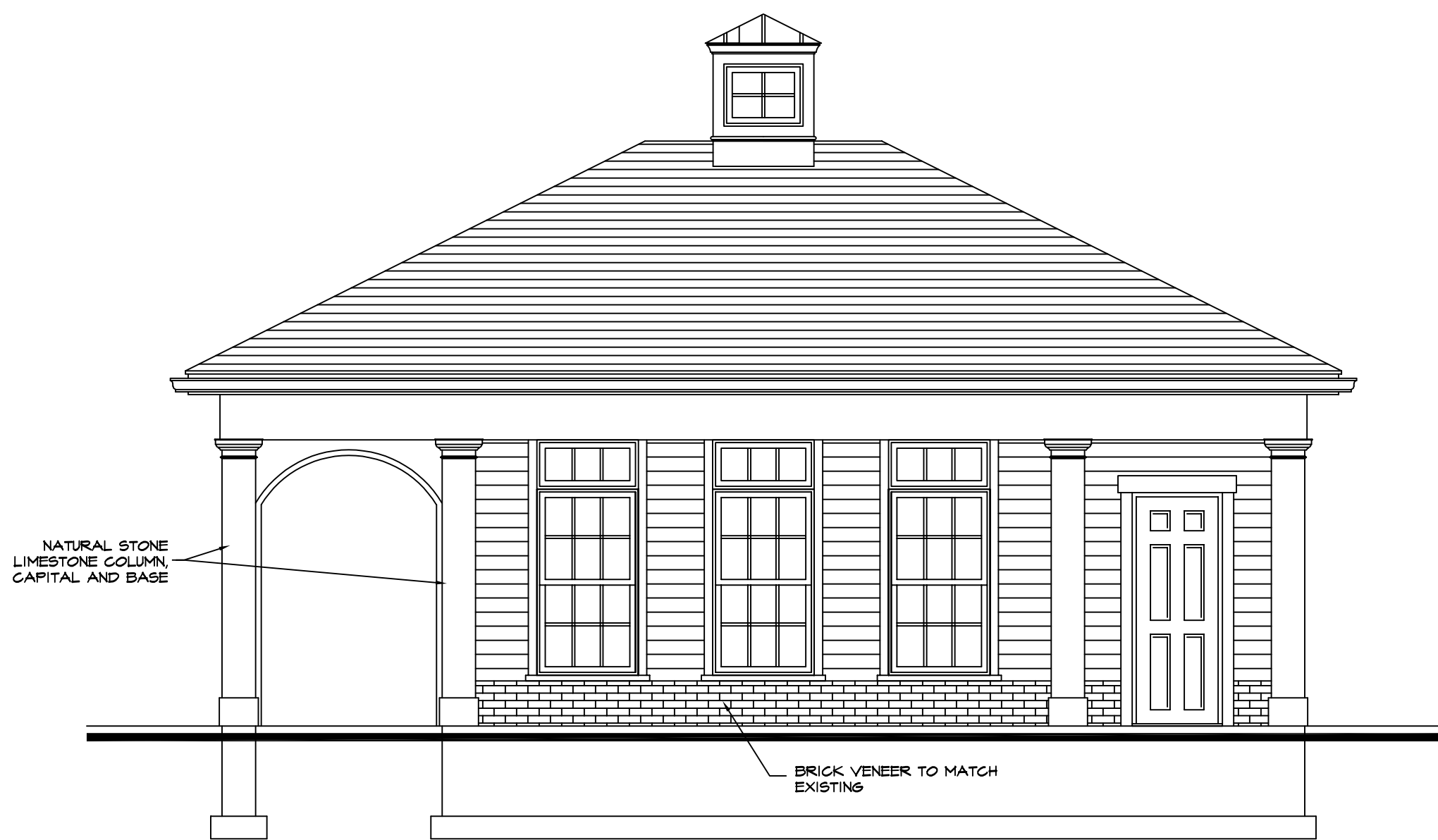
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JOB # 2023-45

P101



























400 SERIES

**TIME-TESTED, CLASSIC WOOD
CRAFTSMANSHIP**





EXTERIOR & INTERIOR OPTIONS

Our Perma-Shield® exterior cladding system, a time-tested Andersen innovation, offers low maintenance and durability while also providing an attractive appearance. The interiors of all 400 Series windows and patio doors are available in unfinished stain-grade pine or with a long-lasting, low-maintenance white finish. Select windows are also available with a dark bronze or black finish. 400 Series Woodwright® windows and Frenchwood® patio doors are also available with unfinished maple or oak interiors.

EXTERIOR COLORS**



INTERIOR OPTIONS**

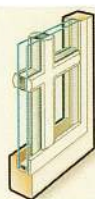


Design your window at
andersenwindows.com/design-tool

*Visit andersenwindows.com/warranty for details.
**Some products are not available in all colors or wood species. See your Andersen supplier for details.
†Products with dark bronze and black interiors have matching exteriors.
Printing limitations prevent exact replication of colors and finishes. See your Andersen supplier for actual color and finish samples.

GRILLE OPTIONS

A variety of grille patterns, widths and configurations fit any architectural style and help you create your vision. When remodeling or replacing, they play an important role in preserving the style of your home which is why we also offer custom patterns.



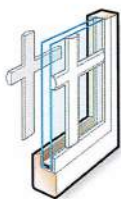
Permanent exterior
Permanent interior
with spacer

FULL DIVIDED LIGHT

Permanently applied to the interior and exterior of your window with a spacer between the glass.



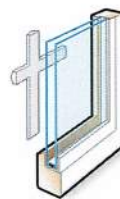
Permanent
exterior
Permanent
interior



Permanent
exterior
Removable
interior

SIMULATED DIVIDED LIGHT

Permanent grilles on the exterior and interior with no spacer between the glass. We also offer permanent exterior grilles with removable interior grilles.



Removable
interior



Finelight™
Grilles-
Between-
the-Glass™

CONVENIENT CLEANING OPTIONS

Removable interior grilles come off for easy cleaning. Finelight™ grilles-between-the-glass are installed between the glass panes and feature a contoured $\frac{3}{4}$ " or 1" profile.

Grille Bar Widths



$\frac{3}{4}$ "



$\frac{7}{8}$ "



1 $\frac{1}{8}$ "



2 $\frac{1}{4}$ "

Cross section of grilles showing standard widths and profiles. Additional patterns available, see your Andersen supplier for details.

Our 2 $\frac{1}{4}$ " wide grille can be positioned horizontally across the center of a casement window to simulate the look of a double-hung window.

INSECT SCREEN OPTIONS

Choose our TruScene® insect screen for a beautifully unobstructed view with 400 Series windows. TruScene insect screens provide more than 50% greater clarity than conventional Andersen insect screens and let in 25% more fresh air,** all while keeping out unwanted small insects.

Conventional aluminum insect screens are also available for 400 Series windows. 400 Series patio doors are available with conventional fiberglass insect screens.



* $\frac{7}{8}$ ", 1 $\frac{1}{8}$ " and 2 $\frac{1}{4}$ " not available in Finelight grilles-between-the-glass.

**TruScene insect screens let in over 25% more fresh air than standard Andersen fiberglass insect screens.

COMPARISON CHART

Use the quick reference chart below to decide which Andersen® 400 Series products best fit your project needs.

		WINDOWS								PATIO DOORS	
FEATURES		Woodwright® Double-Hung Full-Frame	Woodwright Double-Hung Insert	Tilt-Wash Double-Hung Full-Frame	Tilt-Wash Double-Hung Insert	Narroline® Double-Hung Conversion Kit	Caseement	Awning	Gliding	Frenchwood® Gliding	Frenchwood Hinged Inswing
Low-Maintenance Exteriors											
	White	•	•	•	•	•	•	•	•	•	•
	Canvas	•	•	•	•		•	•	•		
	Sandtone	•	•	•	•	•	•	•	•	•	•
	Terratone	•	•	•	•	•	•	•	•	•	•
	Dark Bronze	•	•	•	•		•	•	•		
	Forest Green	•	•	•	•		•	•	•	•	•
	Black	•	•	•	•		•	•	•		
Interiors											
	Pine	•	•	•	•	•	•	•	•	•	•
	Maple	•	•							•	•
	Oak	•	•							•	•
	White	•	•	•	•	•	•	•	•	•	•
	Sandtone								•		
	Dark Bronze			•	•		•	•	•		
	Black			•	•		•	•	•		
Easy Cleaning											
	Tilt-to-Clean Sash	•	•	•	•	•					
Grilles & Blinds											
	Full Divided Light	•	•	•	•	•	•	•	•	•	•
	Simulated Divided Light	•	•	•	•	•	•	•	•	•	•
	Finelight™ Grilles-Between-the-Glass	•	•	•	•	•	•	•	•	•	•
	Removable Interior Grilles	•	•	•	•	•	•	•	•	•	•
	Blinds-Between-the-Glass									•	•
High-Performance Glass Additional glass options are available. See page 8 for details. For patio doors, all glass options are tempered.											
	Low-E4®	•	•	•	•	•	•	•	•	•	•
	Low-E4 SmartSun™	•	•	•	•	•	•	•	•	•	•
	Low-E4 Sun	•	•	•	•	•	•	•	•	•	•
	Low-E4 PassiveSun	•	•	•	•	•	•	•	•	•	•
	Clear Dual-Pane						•	•			
	HeatLock® Coating	•	•	•	•	•	•	•	•	•	•
Performance Option											
	Stormwatch® Protection	PG upgrade		•			•	•			
Glass Spacers											
	Stainless Steel	•	•	•	•	•	•	•	•	•	•
	Black or White	•	•	•	•	•	•	•	•	•	•
Standard Sizes											
	Minimum Width	1'-9 5/8"	1'-4 1/2"	1'-9 5/8"	1'-9 1/4"	Fits Narroline double-hung windows made after 1967	1'-5"	2'-0 1/8"	2'-11 1/4"	4'-11 1/4"	2'-6 1/8"
	Maximum Width	3'-9 5/8"	3'-9 5/8"	3'-9 5/8"	3'-8 7/8"		2'-11 15/16"	5'-11 7/8"	5'-11 1/4"	15'-9"	8'-11 1/8"
	Minimum Height	3'-0 7/8"	2'-3 3/4"	3'-0 7/8"	3'-0 3/8"		2'-0 1/8"	1'-5"	1'-10 1/4"	6'-7 1/2"	6'-7 1/2"
	Maximum Height	6'-4 7/8"	6'-5"	7'-8 7/8"	7'-6 5/8"		5'-11 7/8"	4'-0"	4'-11 1/4"	7'-11 1/2"	7'-11 1/2"
Custom Sizes		•	•	•	•		•	•		•	•