



Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
 Main: 410-313-2640 | Fax: 410-313-2648
 TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
 Facebook: www.facebook.com/hocohealth

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 5/26/15 **ONSITE SEWAGE DISPOSAL SYSTEM** P 556462

INSTALLATION **PERMIT**
 APPROVAL DATE: 5/26/15 SEC A _____

MINOR REPAIR

PROPERTY ADDRESS: 13911 Hallowell Court

SUBDIVISION: Triadelphia Mill Farm LOT: 2 TAX ID: 05-391539

CONTRACTOR: Mark Brew Plumbing EMAIL: _____

CONTRACTOR ADDRESS: 13419 Clarksville Pike, Highland, MD 20777 PHONE: 301-854-0609

PROPERTY OWNER: Stephen and Rebecca Clark EMAIL: _____

OWNER ADDRESS: 13911 Hallowell Court, Dayton, MD 21036 PHONE: _____

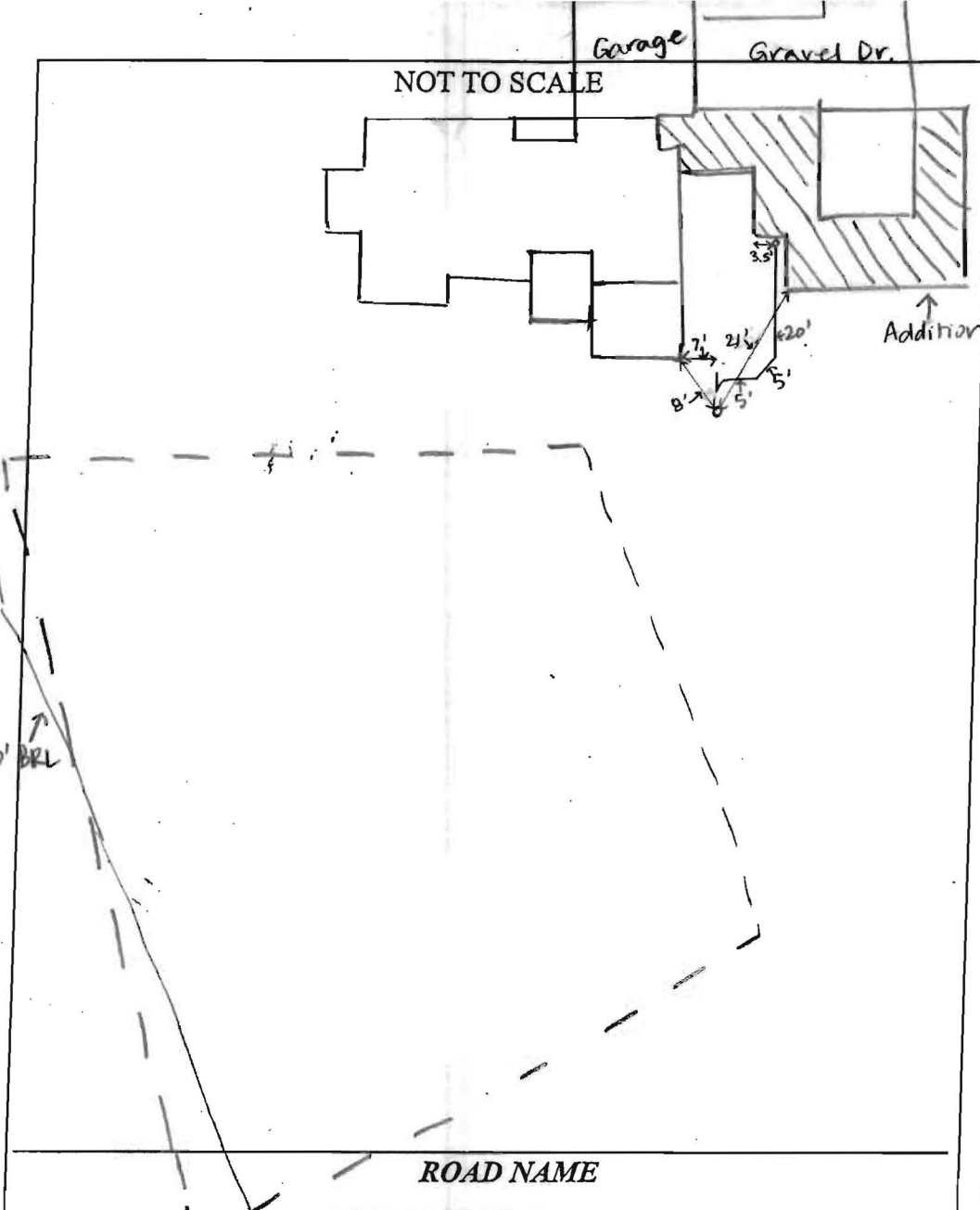
NUMBER OF BEDROOMS: _____ SEPTIC TANK SIZE: _____ DRAINFIELD SIZE/TYPE: _____

LOCATION:	
NOTES:	

ISSUED BY: _____ ISSUE DATE: _____ EXPIRATION DATE: _____

- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT. CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES _____		
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
DISTRIBUTION BOX BAFFLE _____		
DISTRIBUTION BOX PORT _____		

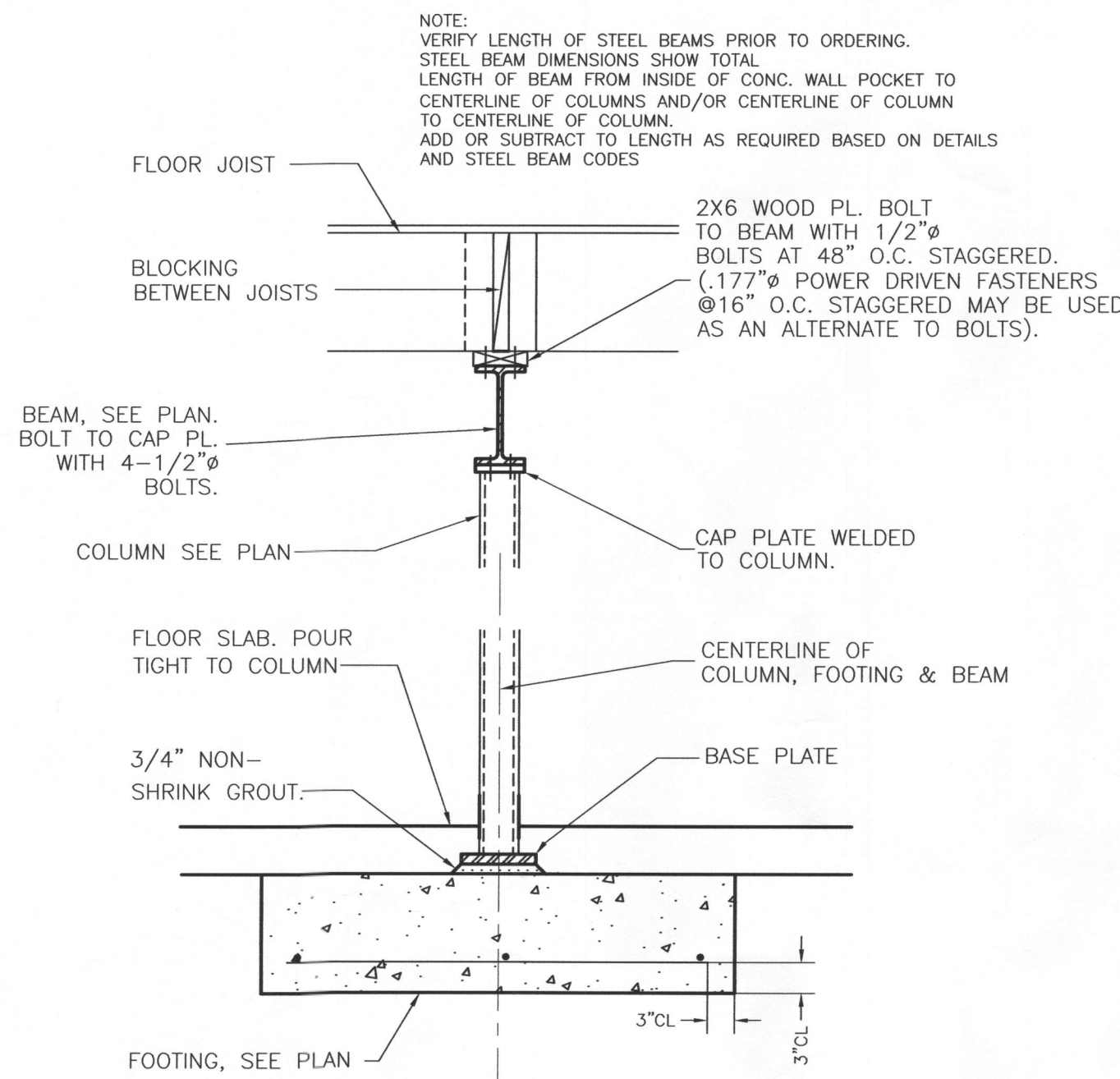
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	_____
MANUFACTURER	_____
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	_____
DATE ON LID	_____
PUMP/SEPTIC TANK LEVEL _____	
MANUFACTURER	_____
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	_____
DATE ON LID	_____

PRE-CONSTRUCTION:

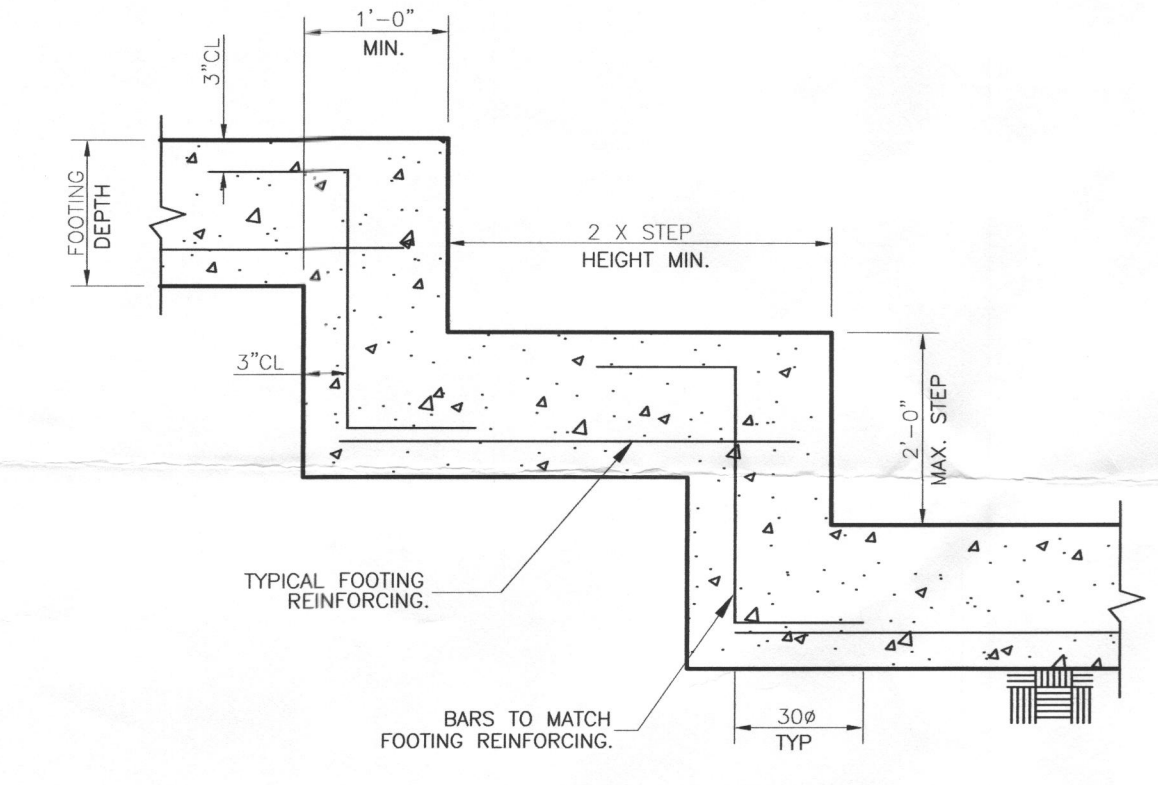
1/6/15 Unsure of insp. called in. Made phone call to plumber. Explained to me that new 4" gravity sewer line installed to ex. tank. No minor repair permit issued. BP already approved. Will inspect line and file as-built w/ property. (KMD)

INSTALLATION: 1/6/15 Inspected connection to existing septic system from new addition. One bubble of fall on all pipe. PVC used 4" doesn't have 'SCH 40' printed on it. PVC ties into cast iron pipe of original system. (SC) Spoke with Chris at Mark Brewer Plumbing - pipe is 4" PVC SCH 40. Company will come into office to pay \$55 minor septic repair fee.

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 5/20/15



1 BEAM/COLUMN/FOOTING DETAIL
SCALE: 3/4" = 1'-0"



2 STEPPED FOOTING DETAIL
SCALE: 3/4" = 1'-0"

WALL LINE	FLOOR LEVEL	HEIGHT	BWL SPACING (FT)	METHOD	LENGTH OF WALL	ROOF EAVE TO ROOF RIDGE	REQUIRED PANEL LENGTH	PROVIDED PANEL SIZE (LENGTH)
A	1ST FLOOR	9'-0"	35'-6"	CS-WSP	25'-0"	ROOF + FLOOR (factor) = 1.0	5'-6"	(2) CS 4'-0" = 8'-0"
B	1ST FLOOR	9'-0"	35'-6"	CS-WSP	22'-6"	ROOF + FLOOR (factor) = 1.0	5'-6"	(1) CS 2'-4" + (2) CS 4'-0" = 10'-4"
C	EXISTING 1ST FLOOR	9'-0"	14'-0"	CS-WSP	20'-0"	ROOF + FLOOR (factor) = 1.0	3'-0"	(2) CS 2'-3" + (1) CS 4'-0" = 8'-3"
1	1ST FLOOR	9'-0"	14'-0"	GB+ CS-WSP	38'-0"	ROOF + FLOOR (factor) = 1.0	6'-0"	(1) CS 2'-0" + (2) GB 4'-0" = 10'-0"
2	1ST FLOOR	9'-0"	14'-0"	CS-WSP	46'-2"	ROOF + FLOOR (factor) = 1.0	3'-0"	(1) CS 3'-0" + (2) CS 4'-0" = 11'-0"
3	1ST FLOOR	9'-0"	14'-0"	CS-WSP	46'-2"	ROOF + FLOOR (factor) = 1.0	3'-0"	(1) CS 3'-0" + (2) CS 4'-0" = 11'-0"

BRACING REQUIREMENTS: TABLE R602.10.1.2 EXPOSURE CATEGORY B, 30 FT. MEAN ROOF HEIGHT TO FT EAVE TO RIDGE HEIGHT, 10 FT WALL HEIGHT
(2) BRACED WALL LINES

FOR GYPSUM BRACE WALL SHEATHING METHOD PROVIDE:
1 1/2" GALV. ROOFING NAIL, STAPLE, GALV. 1 1/2" LONG;
1 1/4" SCREWS TYPE W OR S 7" O.C. AT EDGES AND 7" O.C. AT INTERMEDIATE SUPPORTS
1/2" MIN. GYPSUM WALL BOARD PER IRC 2012 TABLE R602.3(1)

FOR WOOD SHEATHING PANE BRACE WALL METHOD PROVIDE:
6d COMMON NAILS AT 6" O.C. AT EDGES AND 8" O.C. AT INTERMEDIATE SUPPORTS
PER IRC 2012 TABLE R602.3(1)

SUPPLEMENTAL GENERAL NOTES:
DESIGN LOADS:
GROUND LOAD SNOW - 25 PSF
WIND SPEED - 80 MPH
TOPOGRAPHIC EFFECTS: K - NO
SEISMIC DESIGN CATEGORY - B
FROST LINE DEPTH - 30" MIN.
WEATHERING - SEVERE
TERMITE - MODERATE/HEAVY
WINTER DESIGN TEMP - 13°
ICE BARRIER UNDERLAYMENT REQUIREMENT - YES
FLOOD HAZARDS - SEE FLOOD MAPS
AIR FREEZING INDEX - 500
MEAN ANNUAL TEMP - 55°

HOLD DOWN REQUIREMENTS	
A	N/A
B	N/A
1	N/A
2	N/A

END CONDITIONS FOR BRACED WALL LINES WITH CONTINUOUS SHEATHING
REFER TO FIG. IRC R602.10.7 FOR SUPPLEMENTAL NOTES AND CONDITIONS.

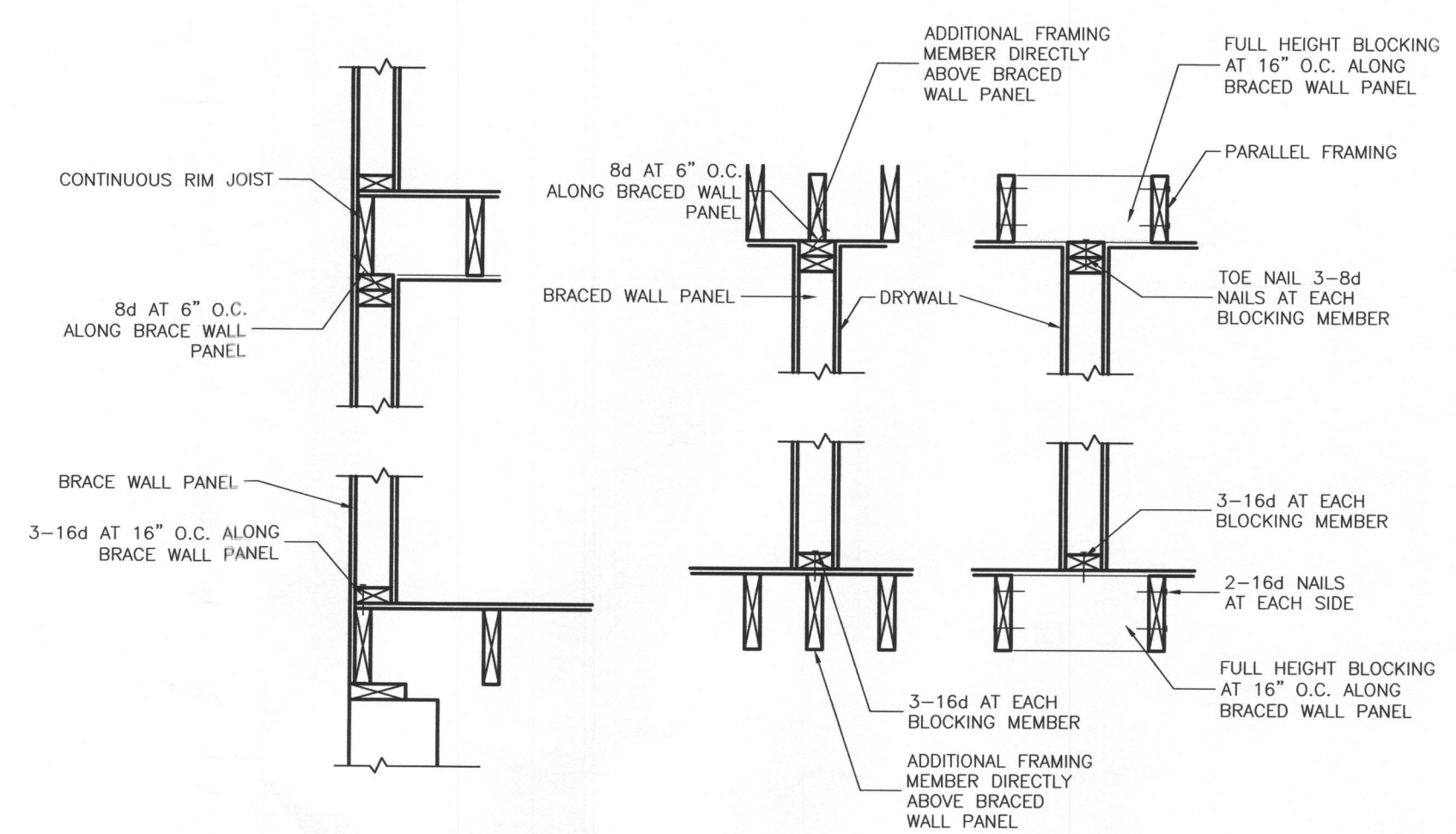
END CONDITION # 1
PROVIDE A BRACE WALL PANEL AT END OF BRACE WALL LINE (CORNER) WITH RETURN PANEL AT 90° WITH CONTINUOUS SHEATHING ALONG BRACE WALL LINE. REFER TO BRACE WALL LAYOUT PLANS.

END CONDITION # 2
PROVIDE A BRACE WALL PANEL AT END OF BRACE WALL LINE (CORNER) WITH HOLD DOWN DEVICE WHERE THERE IS NO RETURN PANEL AT CORNER WITH CONTINUOUS SHEATHING ALONG BRACE WALL LINE. REFER TO BRACE WALL LAYOUT PLANS.

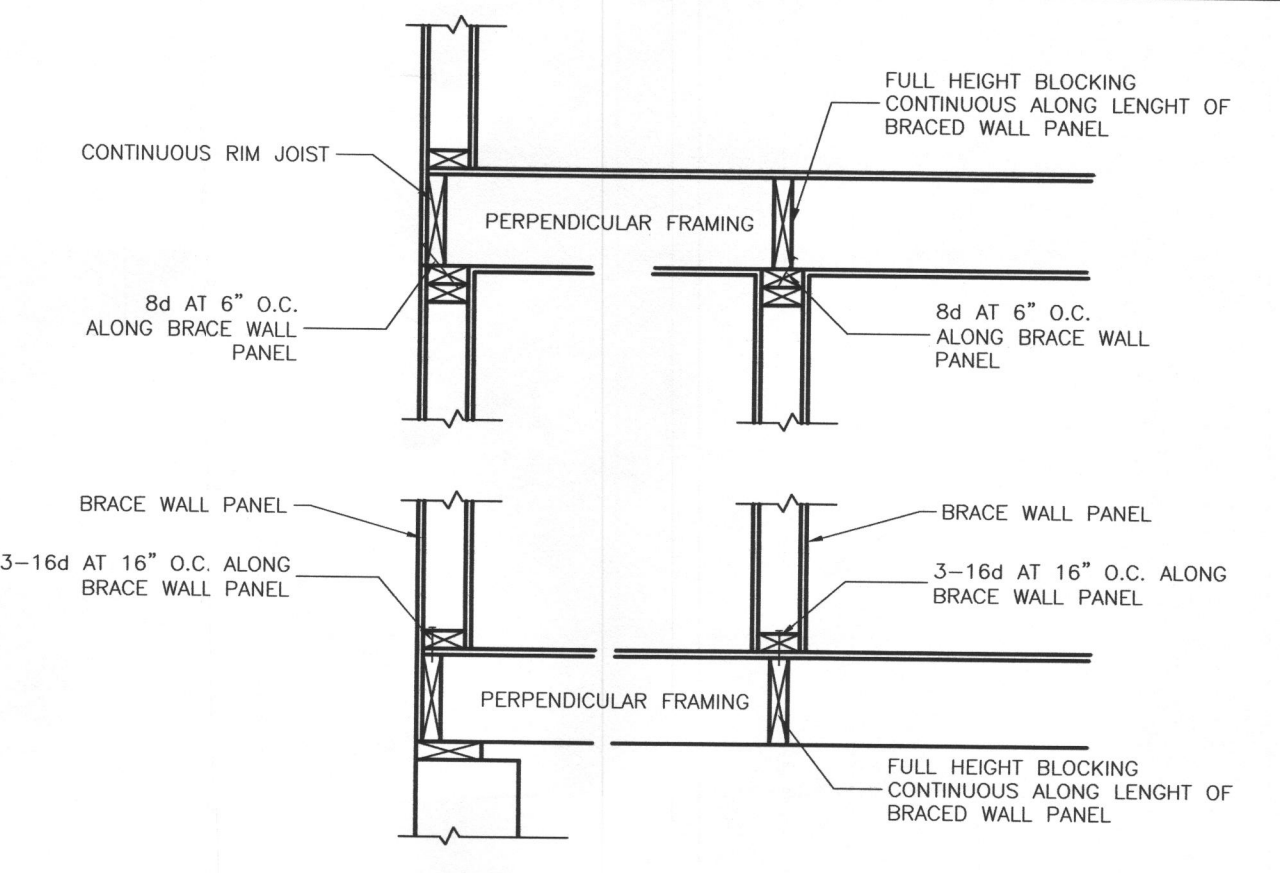
END CONDITION # 3
PROVIDE A 48" MIN. BRACE WALL PANEL AT END OF BRACE WALL LINE (CORNER) WITHOUT RETURN PANEL AT 90° WITH CONTINUOUS SHEATHING ALONG BRACE WALL LINE. REFER TO BRACE WALL LAYOUT PLANS.

END CONDITION # 4
PROVIDE THE FIRST BRACED WALL PANEL AT 10'-0" MAX. FROM THE END OF BRACE WALL LINE (CORNER) WHERE OPENINGS MAY OCCUR WITH A RETURN PANEL WITH CONTINUOUS SHEATHING ALONG BRACE WALL LINE.
NOTE: MIN. 24" WALL DISTANCE FROM CORNER TO OPENING WITH CONTINUOUS SHEATHING ALONG BRACE WALL LINE. REFER TO BRACE WALL LAYOUT PLANS.

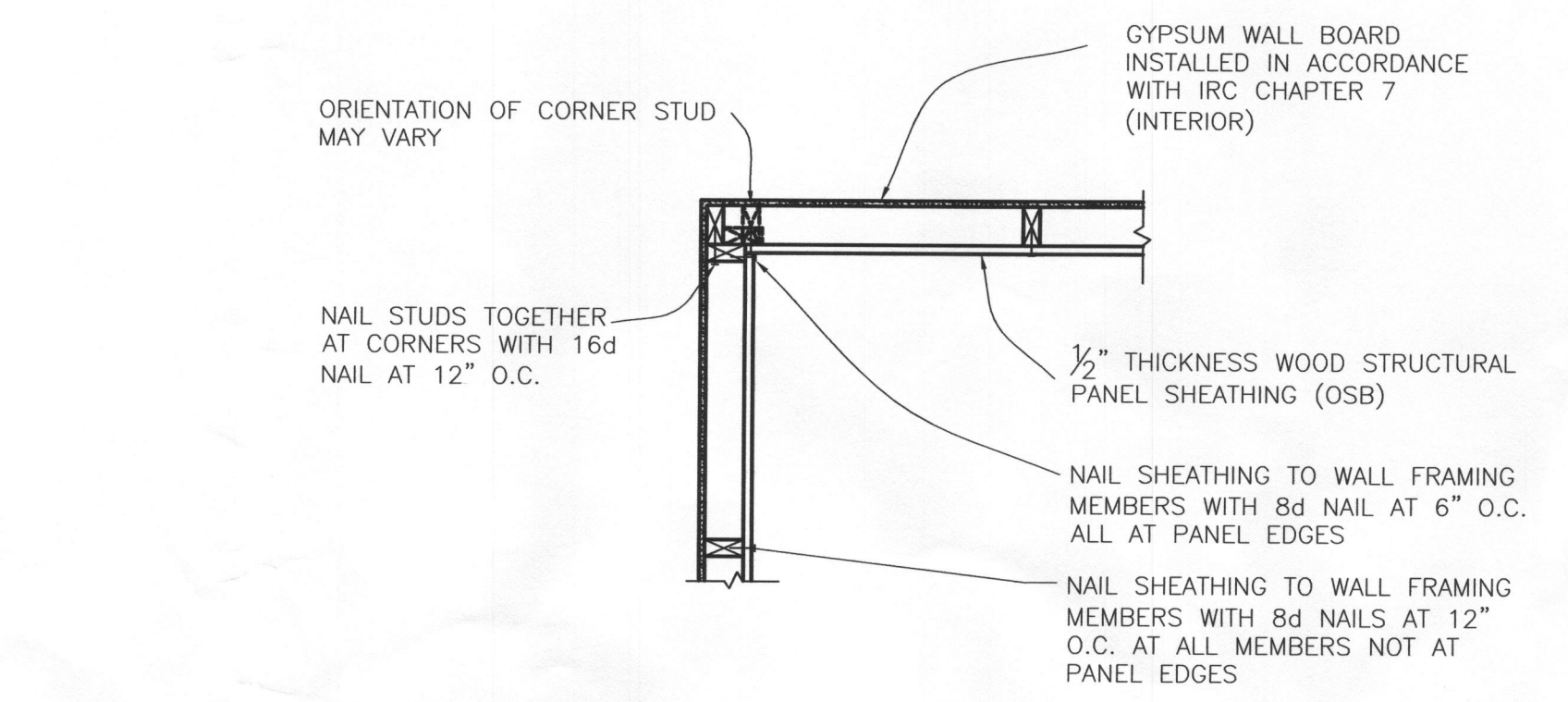
END CONDITION # 5
PROVIDE THE FIRST BRACED WALL PANEL AT 10'-0" MAX. FROM THE END OF BRACE WALL LINE (CORNER) WHERE OPENINGS MAY OCCUR AT THE CORNER WITHOUT A RETURN PANEL. PROVIDE A HOLD DOWN DEVICE WITH CONTINUOUS SHEATHING ALONG BRACE WALL LINE. REFER TO BRACE WALL LAYOUT PLANS.



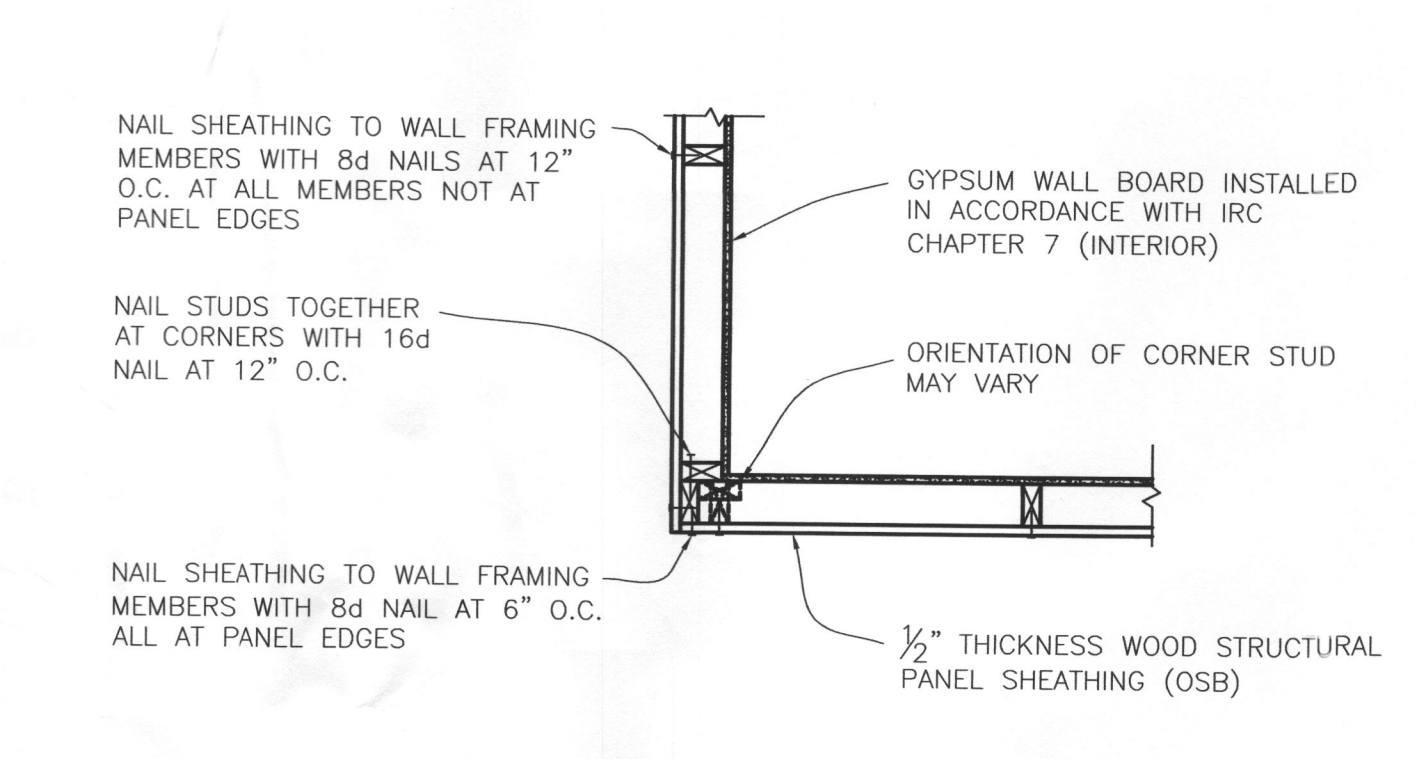
1 B.W.P. CONNECTION PARALLEL TO FRAMING MEMBERS DETAIL PER IRC FIG. R602.10.8(2) N.T.S.



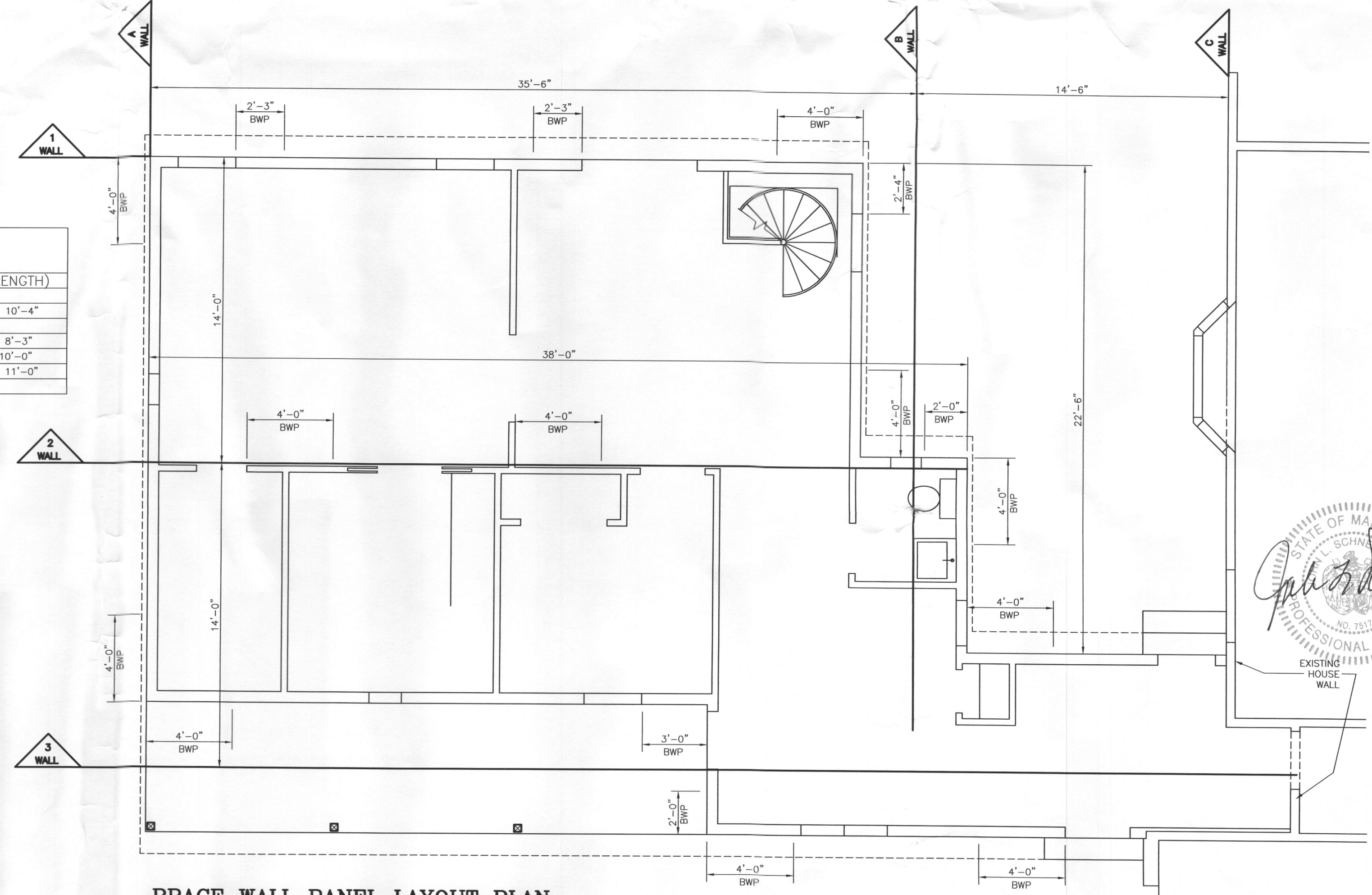
2 B.W.P. CONNECTION PERPENDICULAR TO FRAMING MEMBERS DETAIL PER IRC FIG. R602.10.8(1) N.T.S.



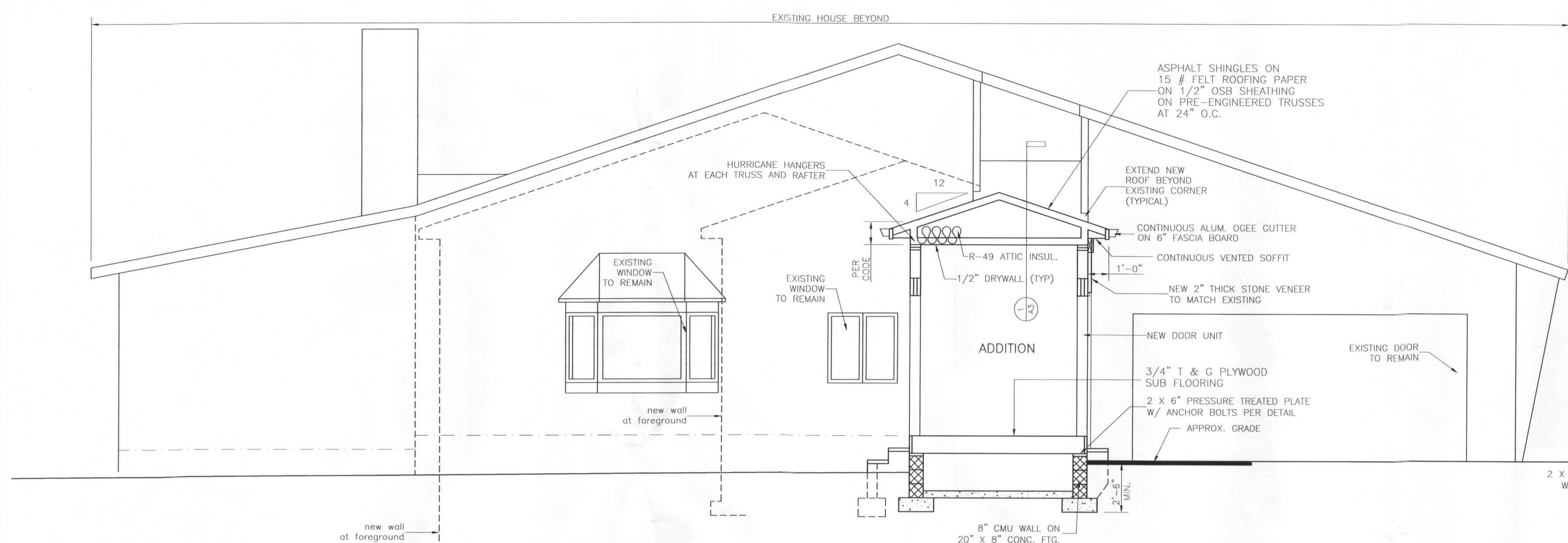
3 EXAMPLE OF INSIDE CORNER DETAIL PER IRC R602.10.5 N.T.S.



4 EXAMPLE OF OUTSIDE CORNER DETAIL PER IRC R602.10.5 N.T.S.

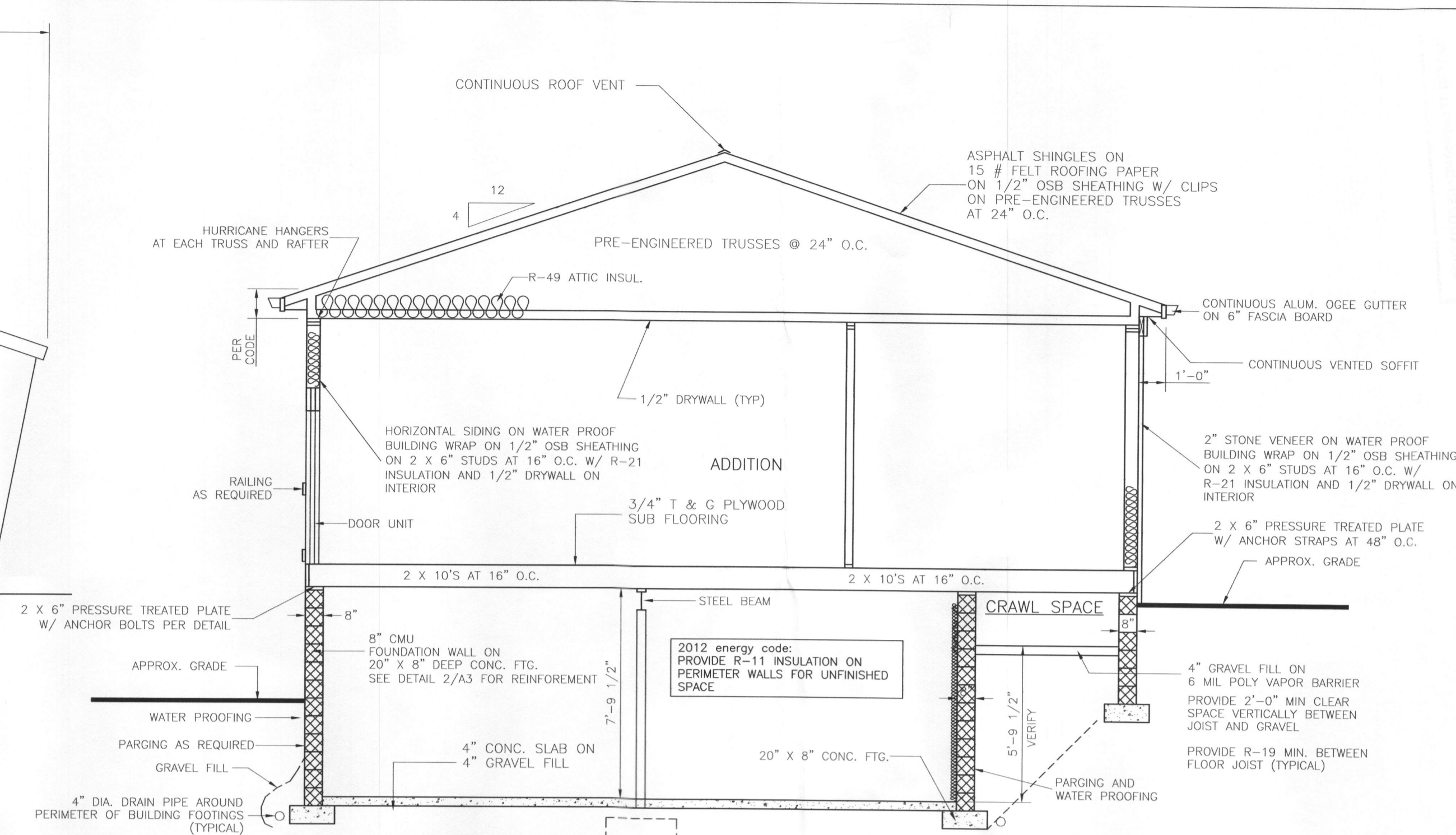


DRAWN BY: MARK J. BANDY, INC.
PERMIT SET:
DATE: 3-24-2014
DATE: 1-2-2014
STRUCTURAL ENGINEER: JOHN SCHNEIDER, 100 N ROLLING ROAD, CATONSVILLE, MD 21228, phone: 410 744 1945
CLARK RESIDENCE
13911 Hollowell Ct. Dayton, MD 21036
B.W.P. SCHEDULE AND DETAILS
SCALE: AS NOTED
S2



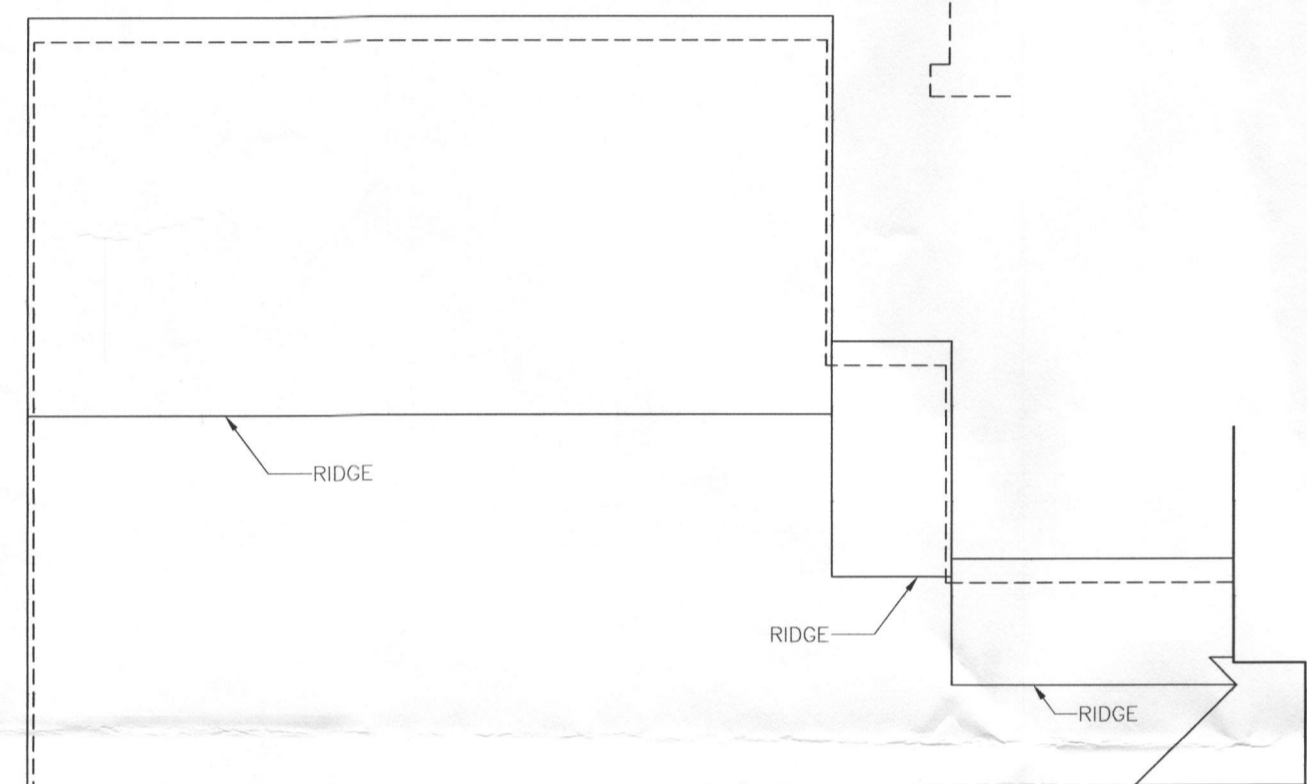
SECTION A-A

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



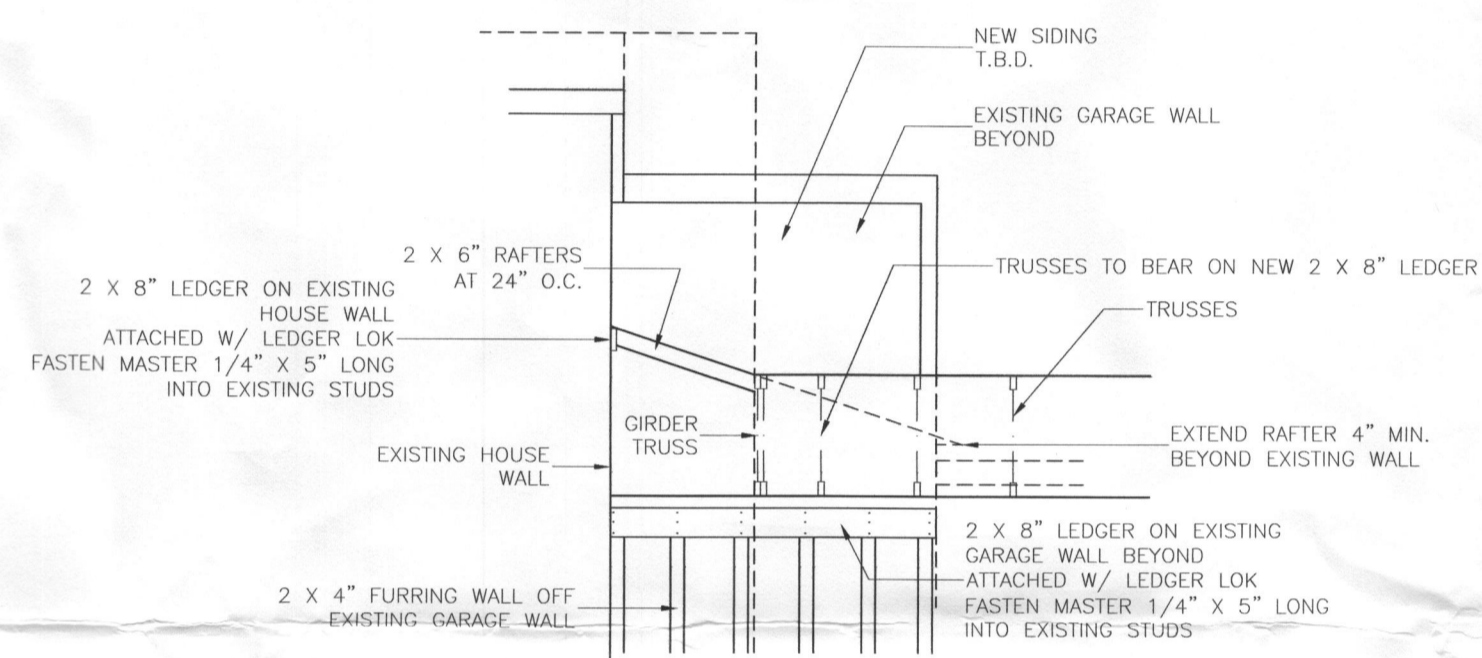
SECTION B-B

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



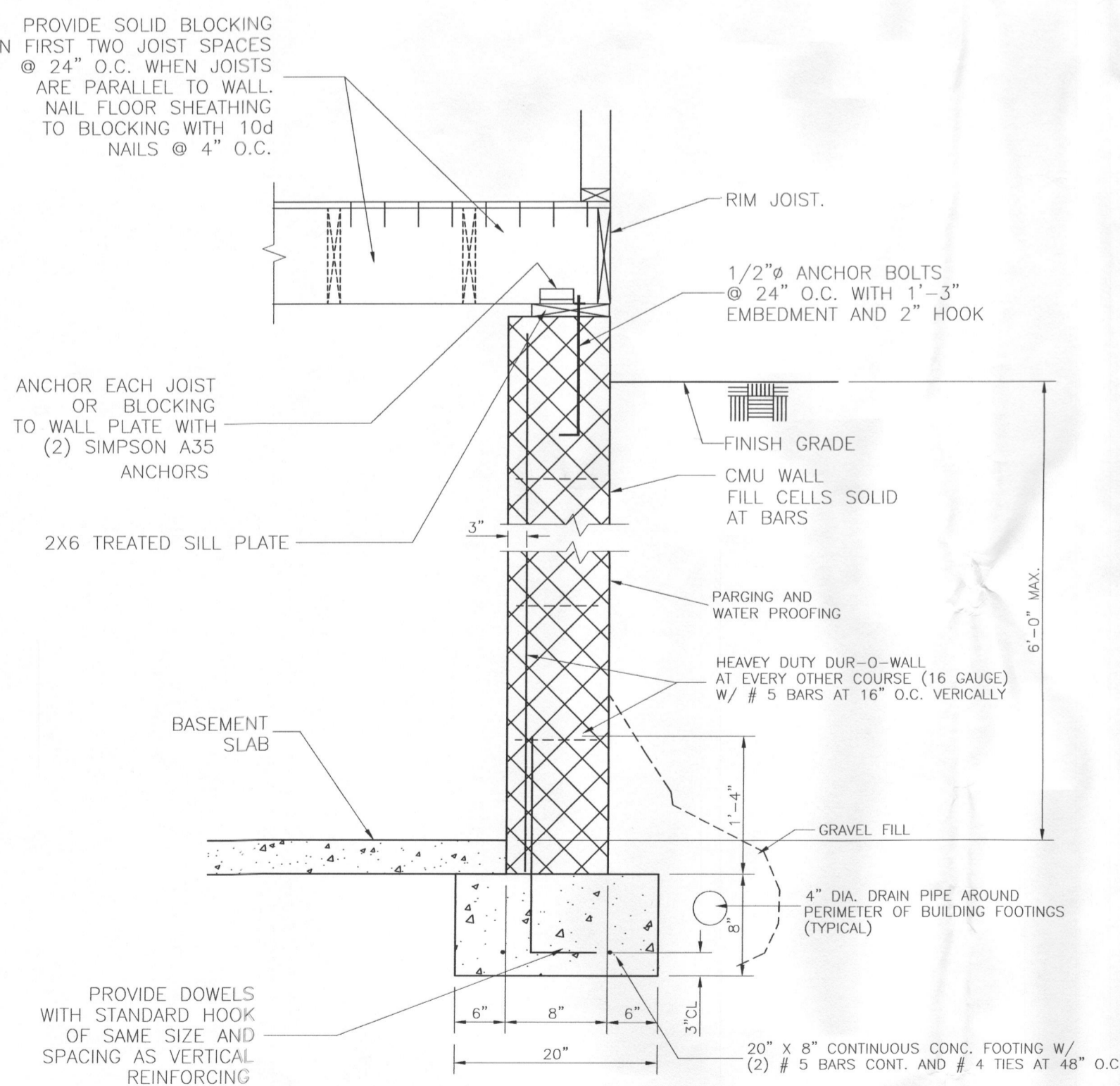
ROOF PLAN

SCALE: 1/8" = 1'-0"



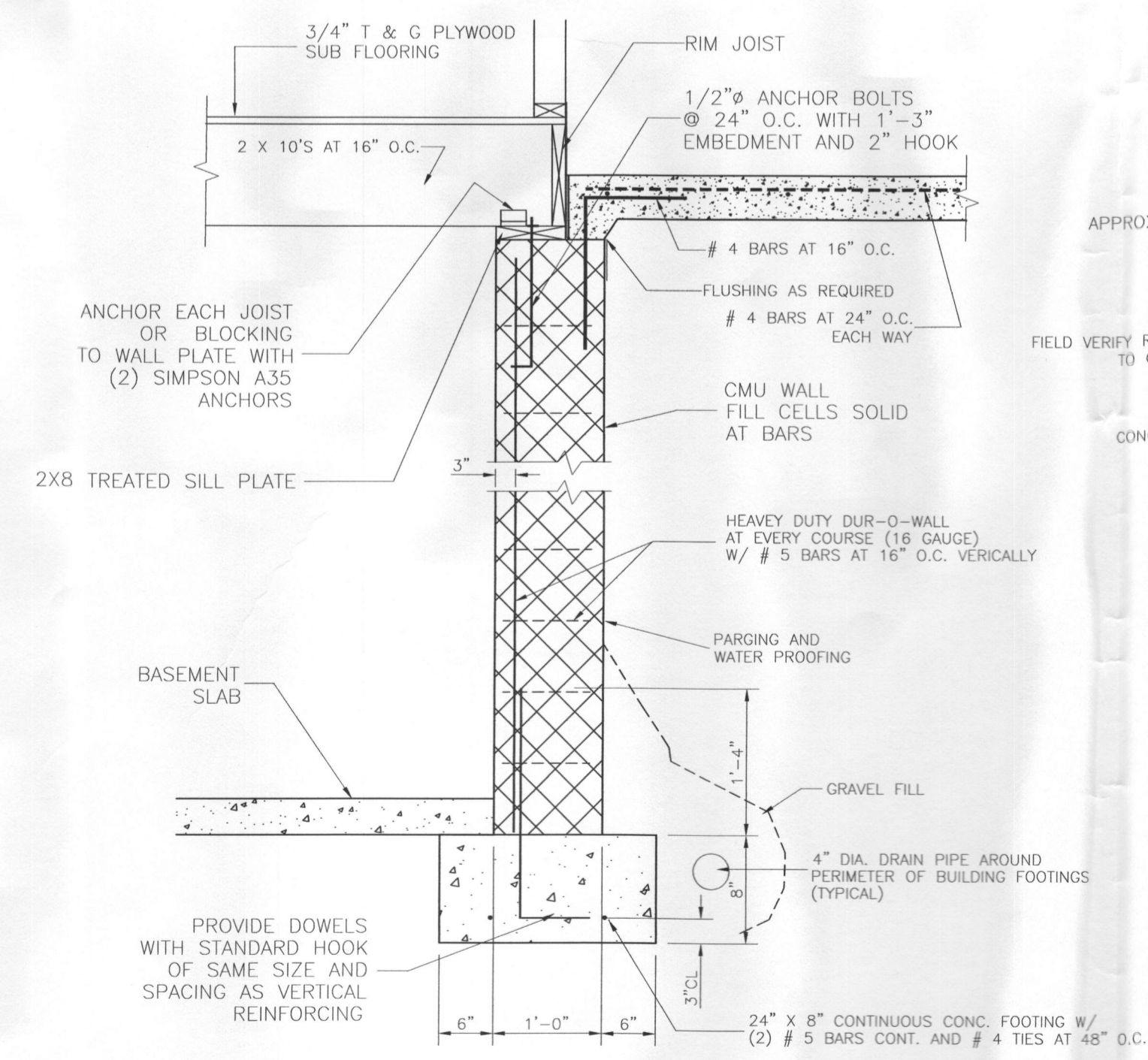
MUD RM. ROOF RAFTER/TRUSS DETAIL

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



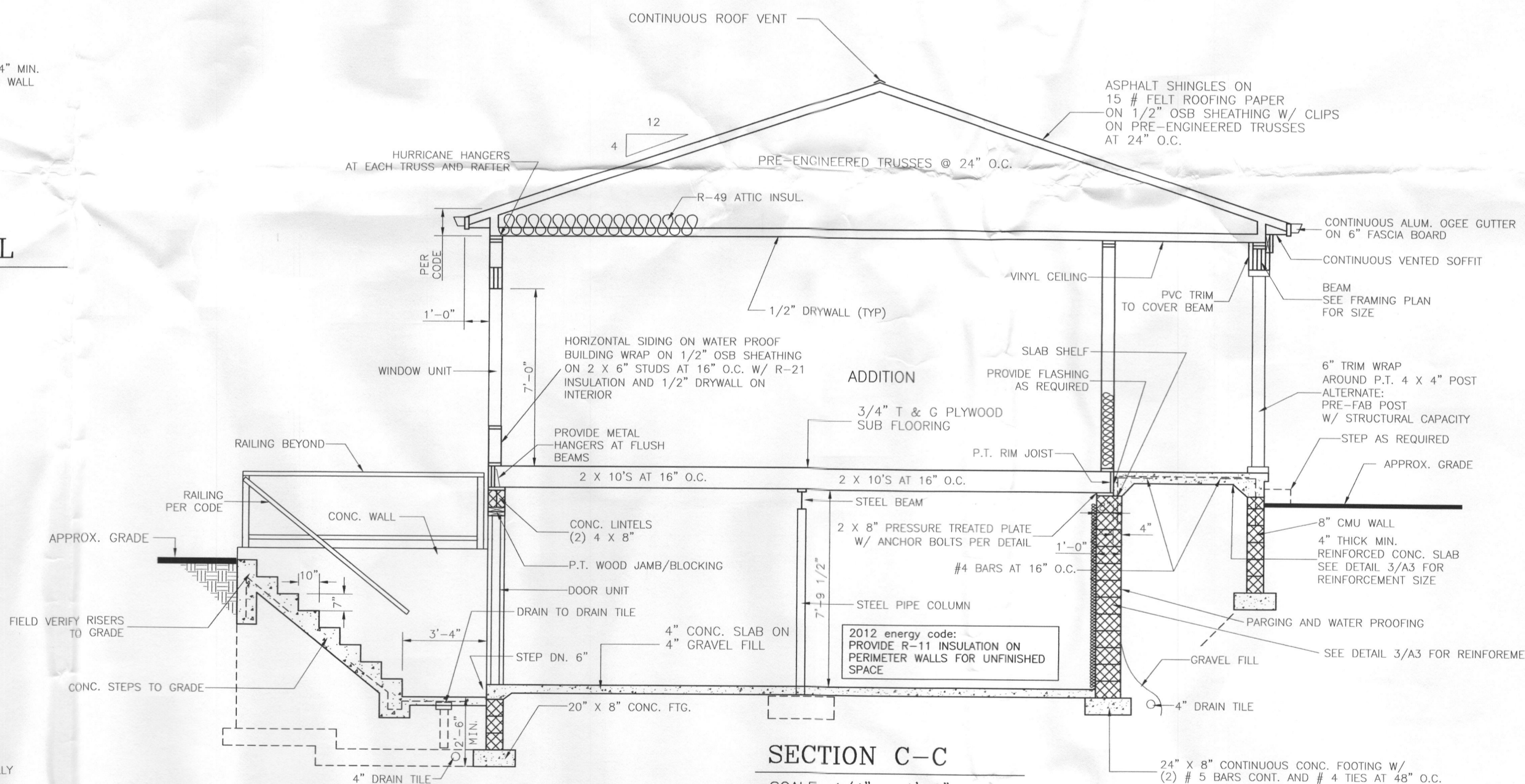
BASEMENT FOUNDATION WALL DETAIL

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



BASEMENT FOUNDATION WALL DETAIL

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



SECTION C-C

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

DRAWN BY:
MARK J. BANDY, INC.

PERMIT SET:

STRUCTURAL ENGINEER:
JOHN SCHNEIDER
100 N ROLLING ROAD
CATONSVILLE, MD 21228
phone: 410 744 1945

CLARK RESIDENCE

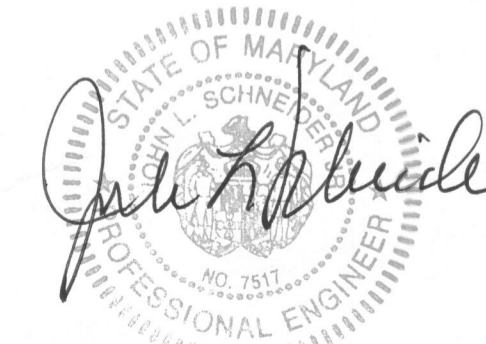
13911 Hallowell Ct.
Dayton, MD 21036

PROPOSED SECTIONS
& ROOF PLAN

SCALE: AS NOTED

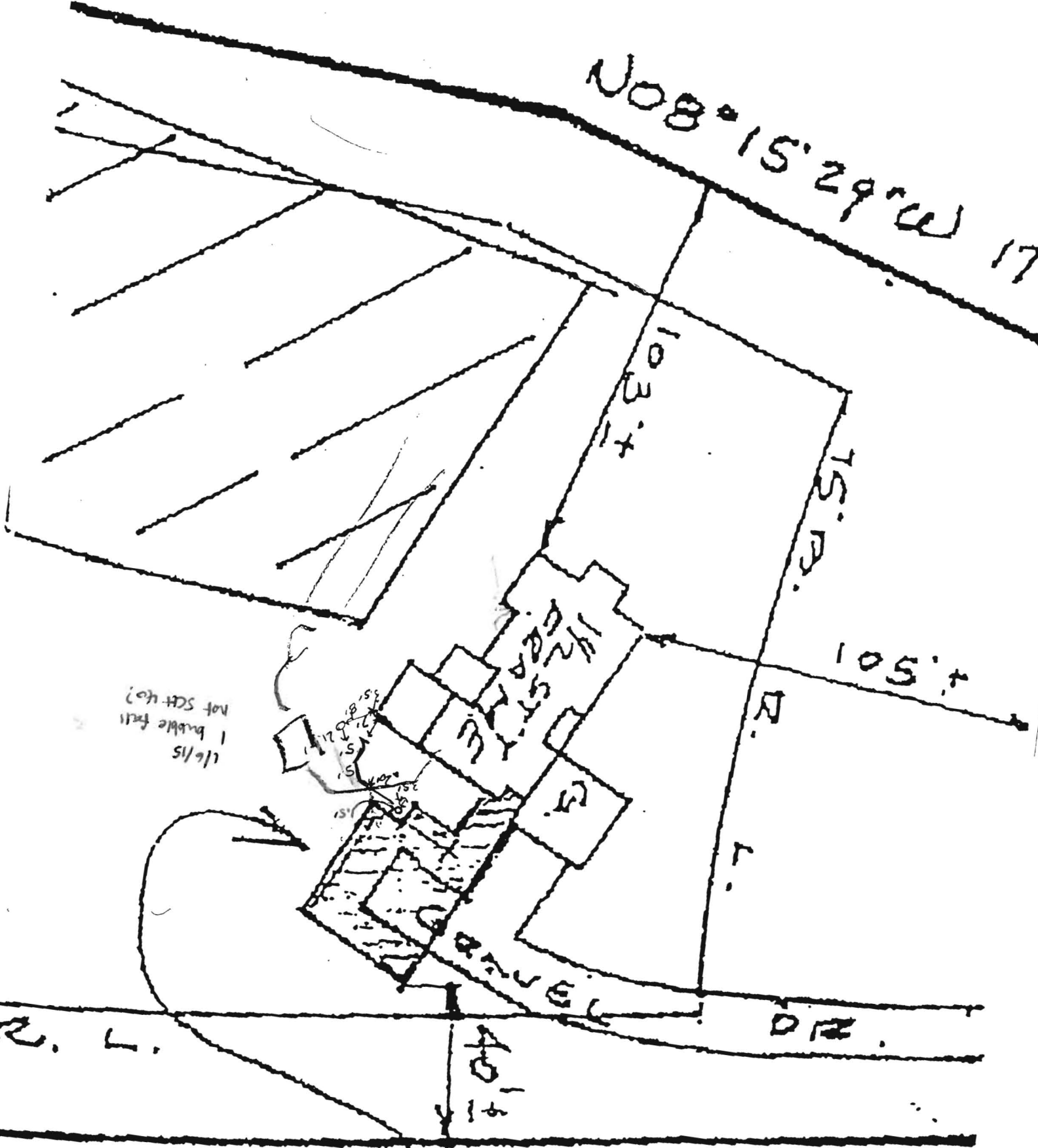
DATE: 1-8-2014

DATE: 3-24-2014



A3

N08°15'29"W 17



103' ±

75' ±

105' ±

16/15
1 public foot
not set (40?)

R. L.

DRIVE

DRIVE

33° 57' 56" E

427.04'

