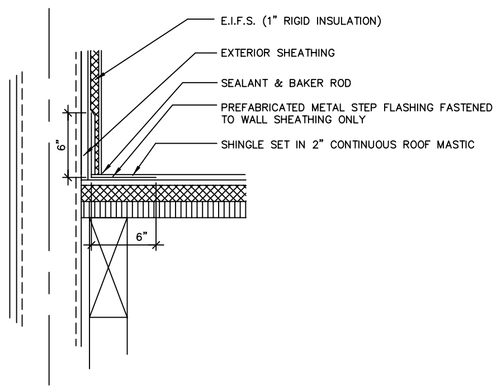
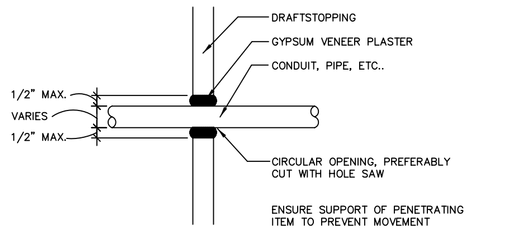
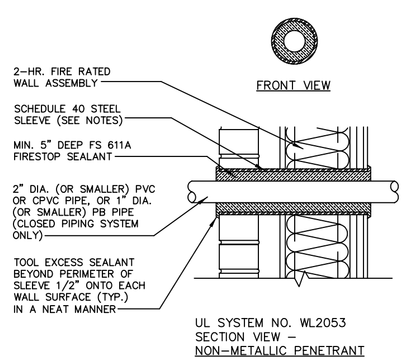


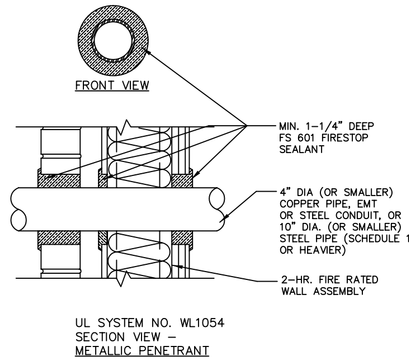


NOTES:
1. FOR 1" DIA. (OR SMALLER) PB PIPE, MAX. DIA. OF OPENING IS 3". ANNULAR SPACE MIN. = 3/4", MAX. = 1-1/4".
2. FOR 2" DIA. (OR SMALLER) PVC OR CPVC PIPE, MAX. DIA. OF OPENING IS 4". ANNULAR SPACE MIN. = 3/4", MAX. = 7/8".



UL SYSTEM NO. WL2053
SECTION VIEW –
NON-METALLIC PENETRANT

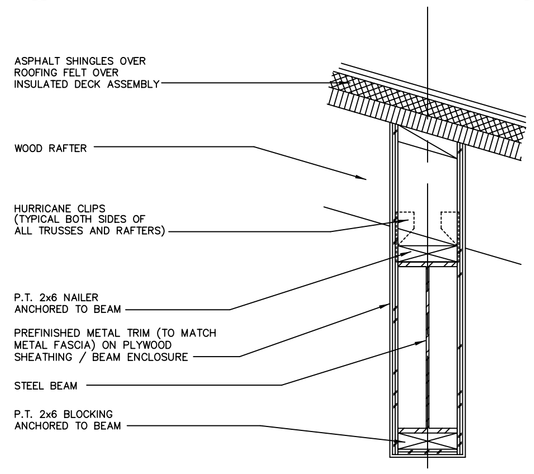
NOTES:
1. MAXIMUM DIAMETER OF OPENING = 12-1/2".
2. ANNULAR SPACE = MIN. 1/4", MAX. 1-1/4"



UL SYSTEM NO. WL1054
SECTION VIEW –
METALLIC PENETRANT

USE FOR PENETRATION THRU FIRE RATED WALLS

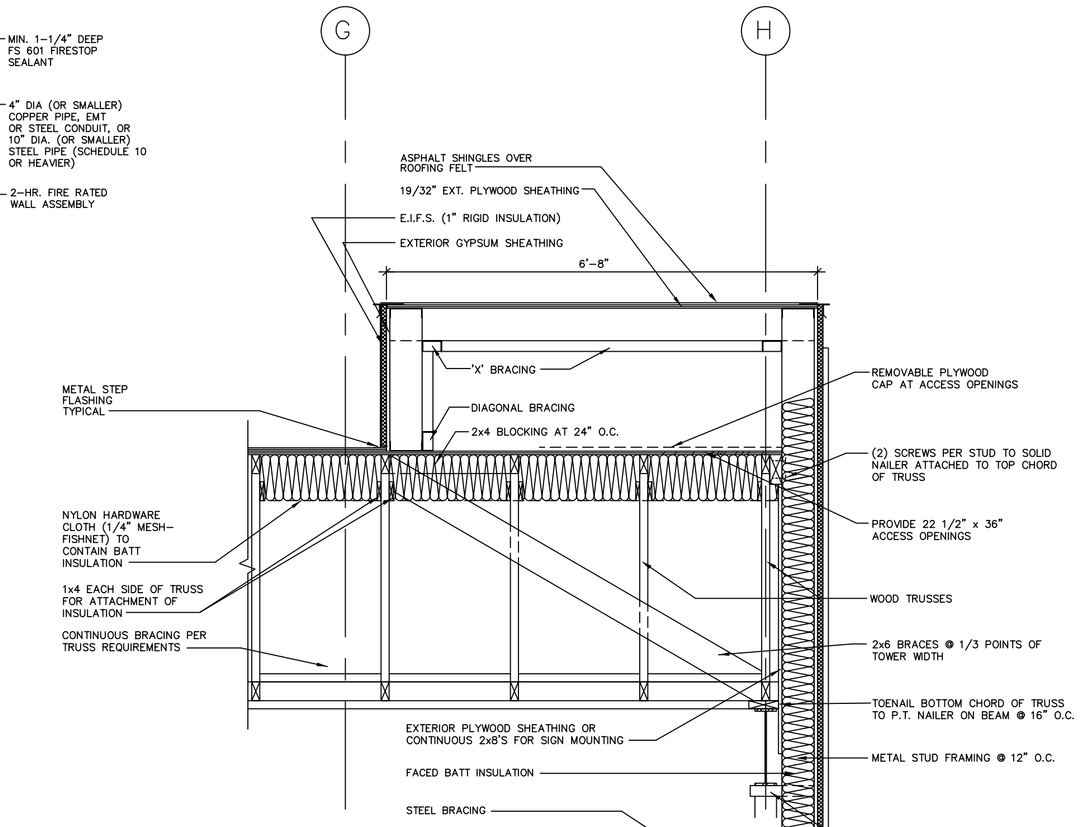
5 DETAIL
A-10 SCALE: 1 1/2" = 1'-0"



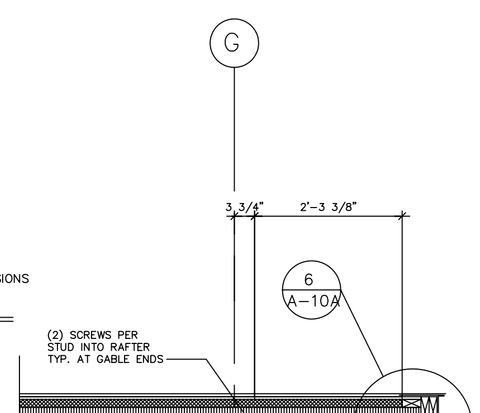
TYPICAL @ EXTERIOR BEAM EXTENSIONS

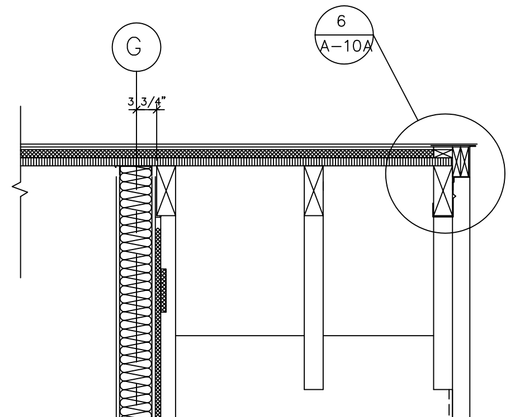
6 DRAFTSTOP SEALING DETAIL
A-10 SCALE: 1 1/2" = 1'-0"

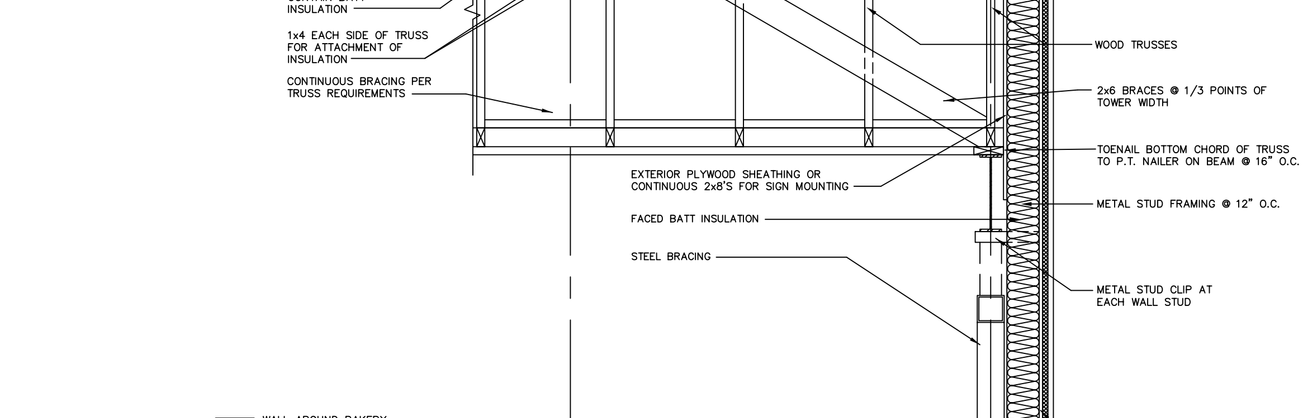
7 FIRESTOP DETAILS
A-10 SCALE: 1 1/2" = 1'-0"



8 BEAM DETAIL
A-10 SCALE: 1 1/2" = 1'-0"







NOTE: SEE DETAIL 1/A-10 FOR TYPICAL NOTES

1 WALL SECTION
A-10 SCALE: 3/4" = 1'-0"

2 WALL SECTION
A-10 SCALE: 3/4" = 1'-0"

3 WALL SECTION
A-10 SCALE: 3/4" = 1'-0"

3A WALL SECTION
A-10 SCALE: 3/4" = 1'-0"

4 WALL SECTION
A-10 SCALE: 3/4" = 1'-0"

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GENERAL NOTES :

1. FOLLOW ROOM FINISH SCHEDULE FOR WALL FINISHES.
2. INTERIOR PLYWOOD SHEATHING SHALL BE 15/32" UNLESS NOTED OTHERWISE.
3. EXTERIOR PLYWOOD SHEATHING SHALL BE 15/32" UNLESS NOTED OTHERWISE.
4. (2) HOUR FIRE-RATED WALL UL #U425 WHEN NOTED ON FLOOR PLAN

THE ENTIRE EXTERIOR WALL ADJACENT TO THE PROPERTY LINE SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF UL DESIGN NO. U425 FOR A 2-HOUR RATING. THIS FIRE RESISTIVE WALL CONSTRUCTION SHALL CONSIST OF (2) LAYERS OF 5/8" TYPE X GYPSUM WALL BOARD APPLIED VERTICALLY TO THE INTERIOR OF THE METAL STUDS. STAGGER JOINTS OF THE OUTER & INNER LAYERS OF INTERIOR WALL BOARD. INTERIOR WALL BOARD SHALL BE FASTENED TO STUDS & RUNNER TRACKS WITH TYPE S-12 BUGLE HEAD SCREWS SPACED 12" O.C. ALONG STUDS & TRACKS. THE S-12 SCREWS SHALL BE 1" LONG FOR INSTALLING THE FIRST LAYER OF INTERIOR WALL BOARD, & 1-5/8" LONG FOR THE SECOND LAYER. THE METAL STUDS SHALL BE FASTNED TO THE FLOOR & CEILING WITH 1/2" LONG TYPE S-12 PAN HEAD, SELF-DRILLING, SELF-TAPPING STEEL SCREWS ON BOTH SIDES OF STUDS. IN ADDITION, THE WALL SHALL HAVE (1) LAYER OF 1/2" EXTERIOR GYPSUM SHEATHING APPLIED VERTICALLY TO THE EXTERIOR OF THE METAL STUDS. EXTERIOR SHEATHING SHALL BE FASTENED TO STUDS & RUNNER TRACKS WITH 1" LONG TYPE S-12 BUGLE HEAD SCREWS SPACED 12" O.C. ALONG STUDS & TRACKS. ANY & ALL PENETRATIONS OF THIS 2-HOUR WALL CONSTRUCTION MUST BE FIRESTOPPED.

REVISIONS

REV.	DESCRIPTION	DATE	BY
			R.A.D.

RYAN'S FAMILY STEAK HOUSES, INC.
199 HUNT STREET · GREER, S.C. 29650 · (864) 879-1000

Ryan's® FAMILY STEAK HOUSE

WALL SECTIONS DINING

DESIGNED: R.A.D.
DATE: 05-24-99
STORE TYPE: PT9
DRAWING NO.: A-10