

- DESIGN CODES:  
2017 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL  
ASCE 7-10, 2005  
NDS, ACI, ATC, AWP, APA, ICC 600-08

- DESIGN LOADS:

ROOF TRUSS:  
LL 20 PSF TOP CHORD  
LL 0 PSF BOTTOM CHORD  
DL 7 PSF TOP CHORD  
DL 5 PSF BOTTOM CHORD

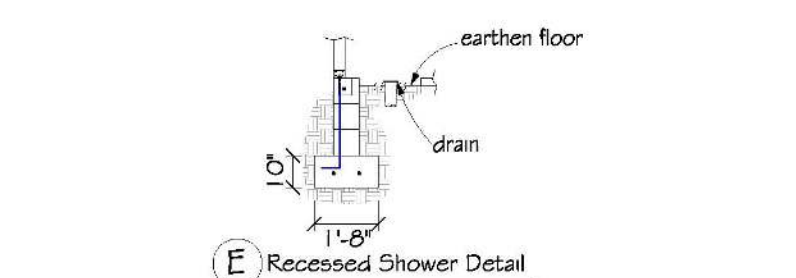
LL 20 PSF RAFTERS  
LL 20 PSF CEILING JOISTS  
DL 10 PSF RAFTERS  
DL 10 PSF CEILING JOISTS  
DL 30 PSF ATTICS WITH STORAGE  
DL 10 PSF ATTICS W/O STORAGE

LL 40 PSF TOP CHORD  
LL 0 PSF BOTTOM CHORD  
DL 10 PSF TOP CHORD  
DL 5 PSF BOTTOM CHORD

- NUMBER OF STORIES:

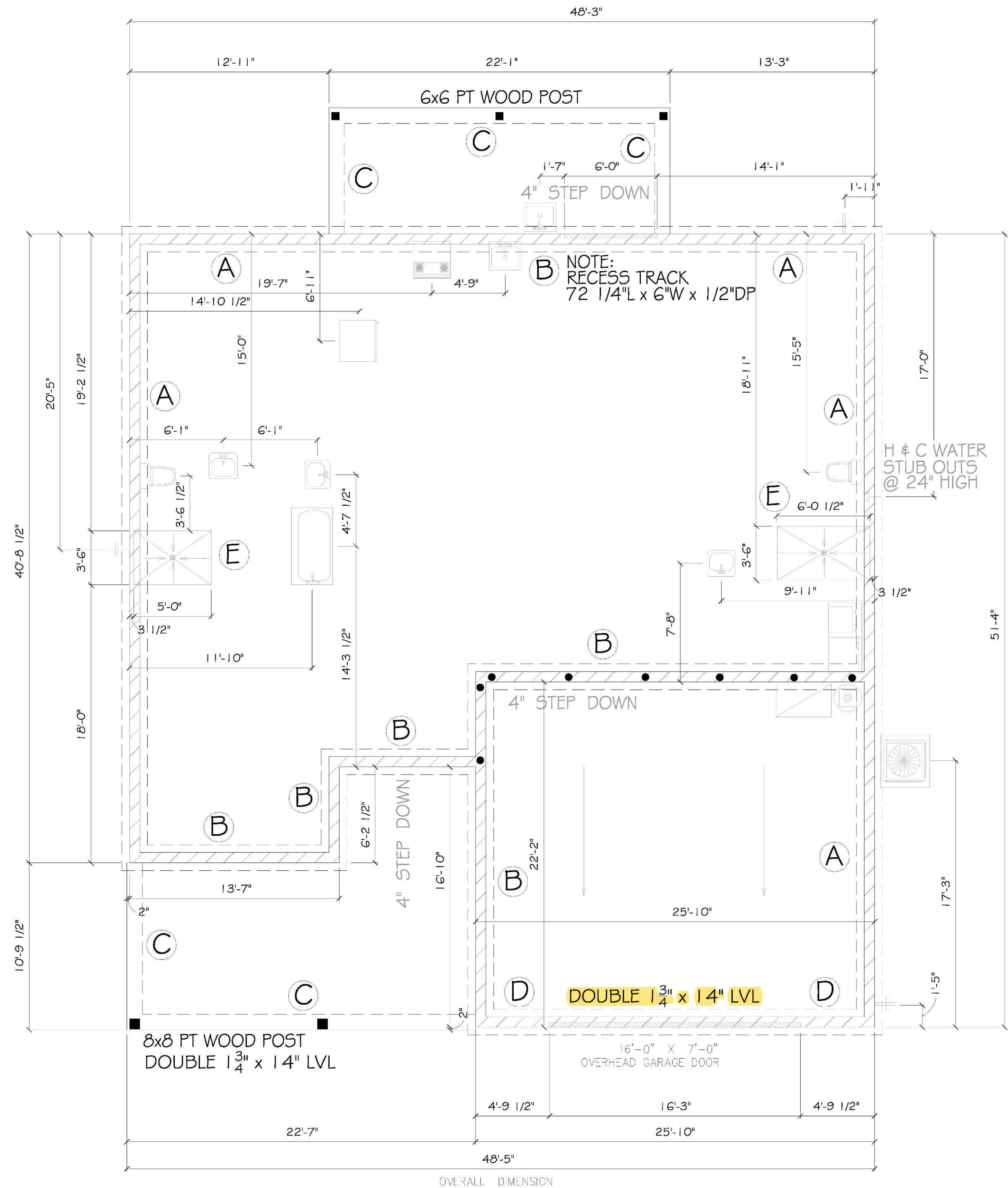
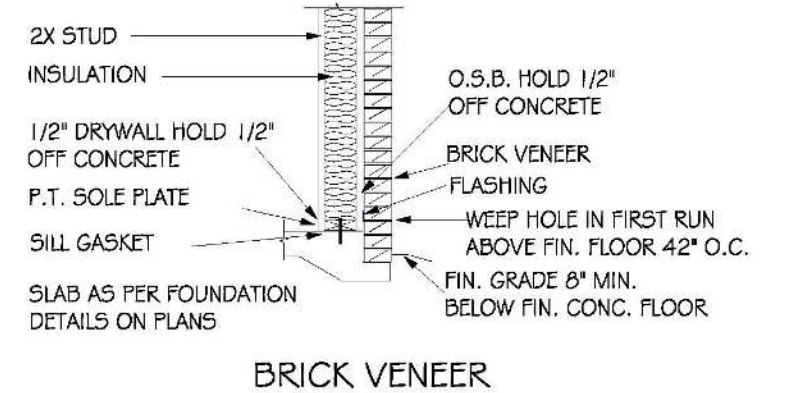
- TYPE OF CONSTRUCTION: TYPE V-6, UNPROTECTED, UNSPRINKLERED

BUILDING: ENCLOSED STRUCTURE  
 ULTIMATE DESIGN WIND SPEED: 130 MPH  
 NOMINAL DESIGN WIND SPEED: 110 MPH  
 BUILDING RISK CATEGORY: II  
 WIND EXPOSURE CATEGORY: C  
 INTERNAL PRESSURE COEFFICIENT: 0.18 C



1. REFER TO ARCHITECTURAL & BUILDING PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEPS, DOWNS, ETC.
2. CONTRACTOR SHALL VERIFY ALL ROUGH PLUMBING LOCATIONS WITH OWNER PRIOR TO POURING SLAB.
3. THE SLAB SHALL BE 4" CONCRETE SLAB REINFORCED W/ 6X6-1/4" I. WELDED WIRE MESH PLACED ON CHAIRS 1 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPO BARRIER W/ 6" LAPS SEALED W/ POLY TAPE OVER TERMITE-TREATED & COMPACTED FILL.
4. BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL PER FBC-REC. SECTION R403.1.4

● 3/8" A307 DIAMETER THREADED ROD TERMINATES AT TOP PLATE PER DETAIL ON S-2





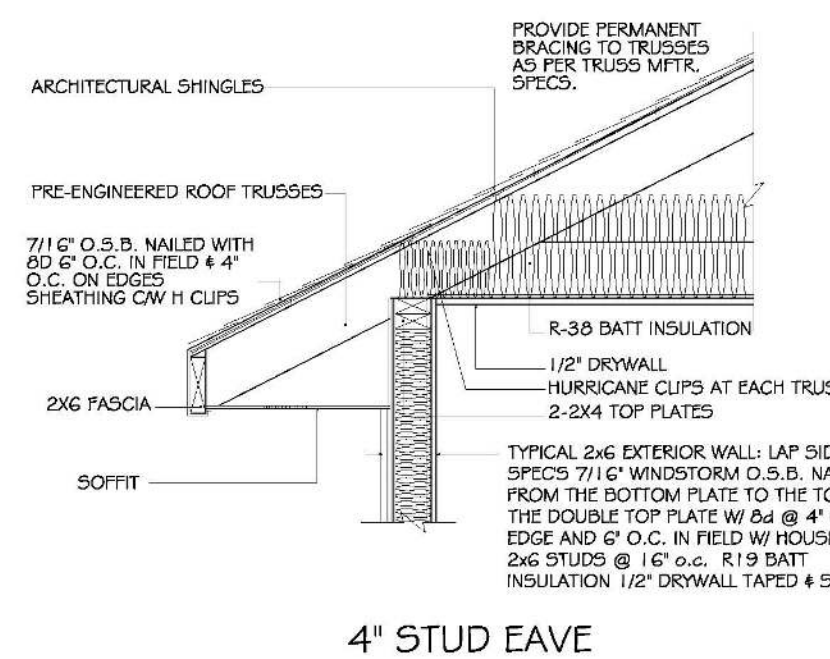
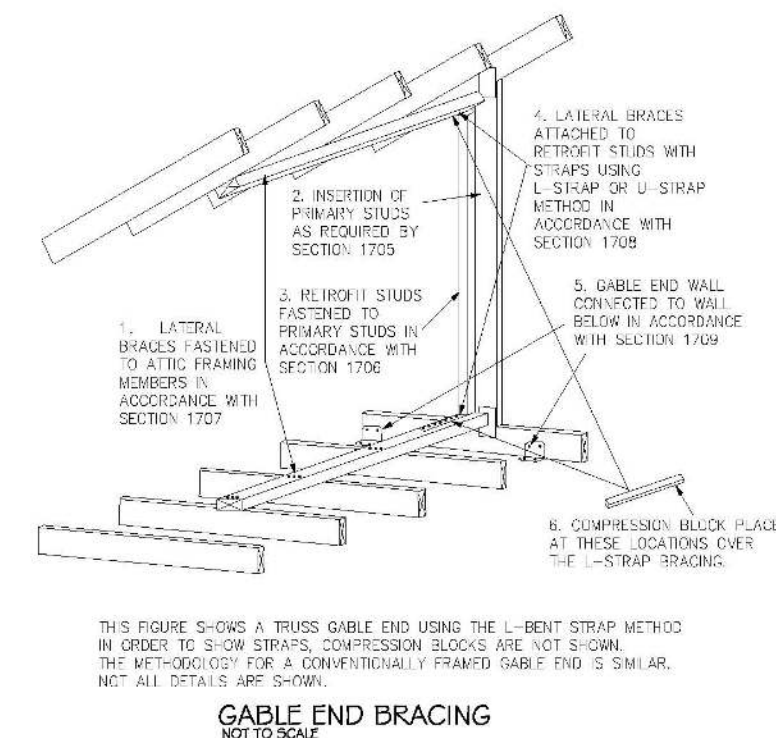
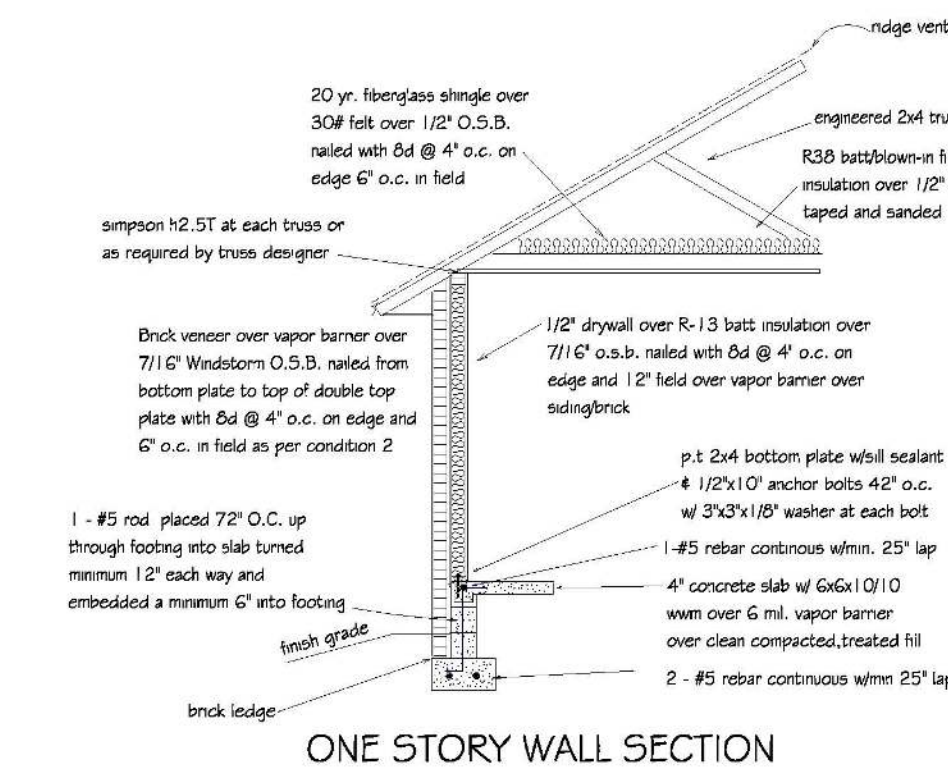
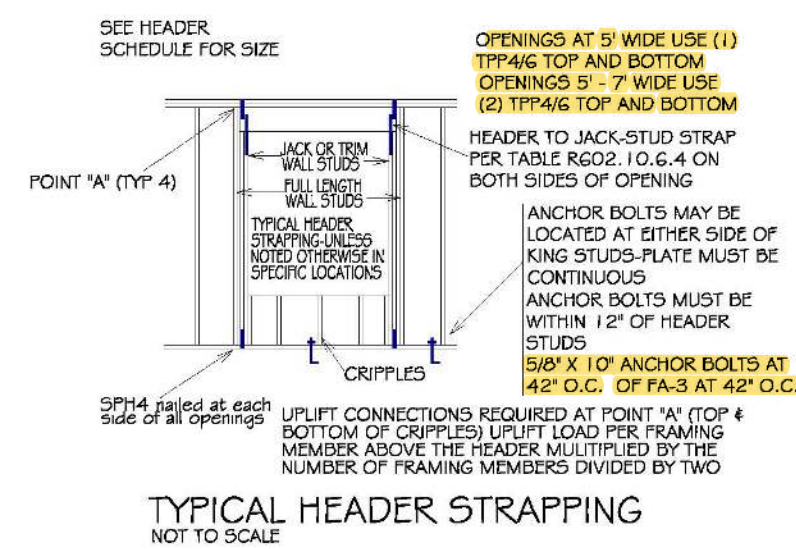
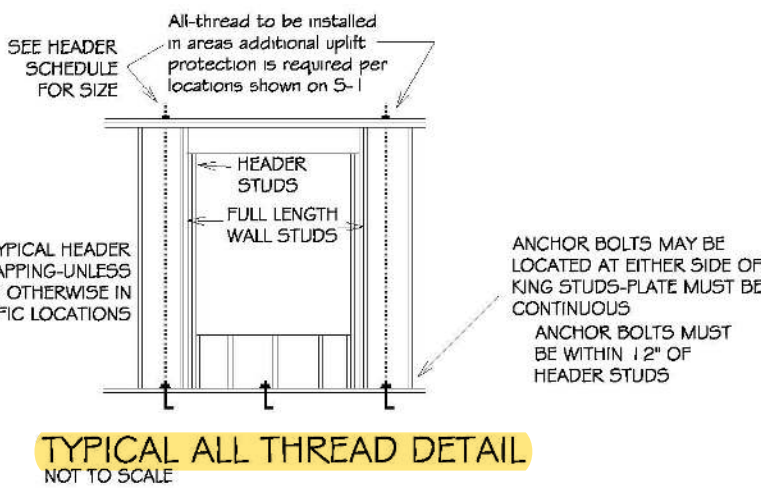
**NOTE**  
7/16" O.S.B. NAILED WITH 8D 6"  
O.C. IN FIELD & 4" O.C. ON EDGES

## ROOF SHEATHING FASTENING

- 4" O.C. GABLE END
- 6" O.C. EDGES (ALL ZONES)
- 6" O.C. INTERMEDIATE FRAMING (ZONE 3)
- 12" O.C. INTERMEDIATE FRAMING (ZONES 1 & 2)

SEE FIGURE R803.2.3.1, SECTION R803.1, 2017 FLORIDA BUILDING CODE - RESIDENTIAL, SIXTH EDITION FOR ROOF SHEATHING NAILING ZONES

ROOF PITCH LESS THAN 4/12 DRILL LAYER OF UNDERLAMENT IS REQUIRED  
 OVERLAY ROOFING UNDERLAMENT 4X10IN OVER HIPPS AND RIDGES  
 BUTTON CAP NAILS ARE USED TO FASTEN UNDERLAMENT TO ROOF DECK  
 WHEN SPRINGS NOT INSTALLED SAME DAY  
 DRIP EDGE INSTALLED OVER THE UNDERLAMENT AT RAKES AND UNDER  
 THE UNDERLAMENT AT EAVES  
 ALL ROOF PENETRATIONS ARE PROPERLY FLASHED W/ FLASHING OF THE  
 CORRECT SIZE FOR THE PENETRATION  
 METAL ROOFING ATTACHED W/ CORRECT FASTENERS PER CODE AND  
 MANUFACTURERS SPECS  
 1" SPACE IS MAINTAINED BETWEEN THE END OF THE GUTTER AND THE WALL  
 CLADDING



HEADER SCHEDULE

2X STUD CONTINUOUS TO TOP PLATE

HEADER - CONTINUOUS

2 - 2X STUDS UNDER UNITS WITH SPACINGS LARGER THAN 5'-0"

NOTE: UP-PUT CONNECTION IS REQUIRED AT EACH END OF HEADER AND AT BOTTOM OF HEADER STUDS IN ADDITION TO CONNECTORS AT WALL STUDS AND AT TOP AND BOTTOM OF CRIPPLES

MAXIMUM HEADER SPAN	
3'	6'
12'	15'

NUMBER OF HEADER STUDS (LACKS) SUPPORTING END OF HEADER	
1	2
1	2