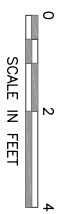
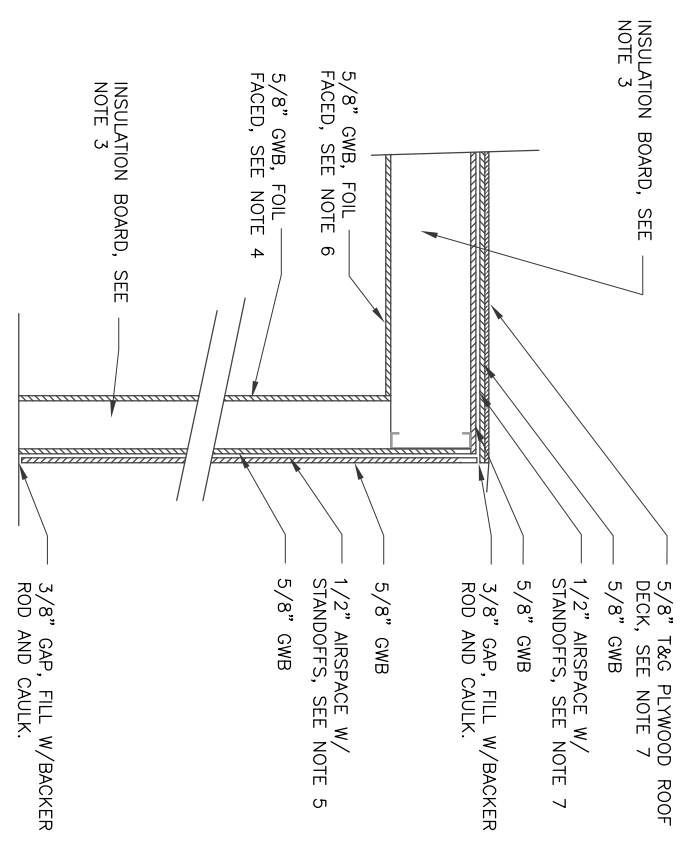


FRAMING PLAN
SCALE: 1/2" = 1'-0"

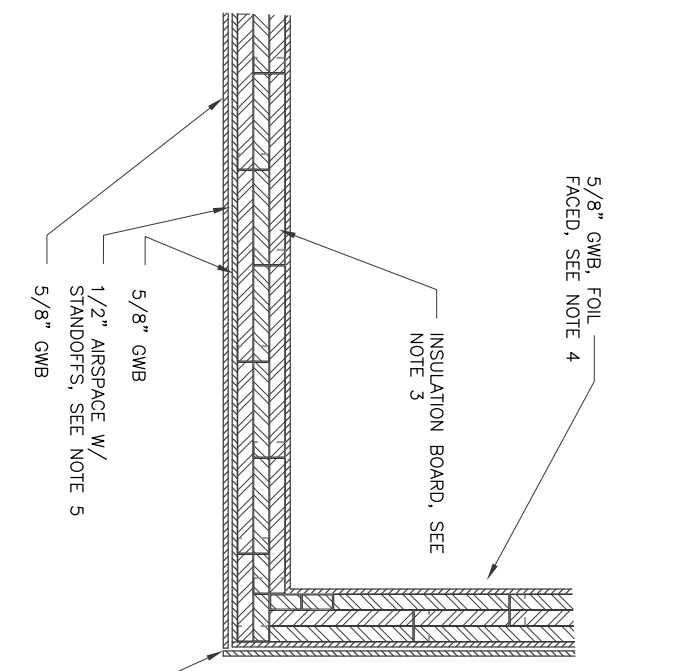
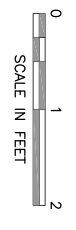


NOTES:

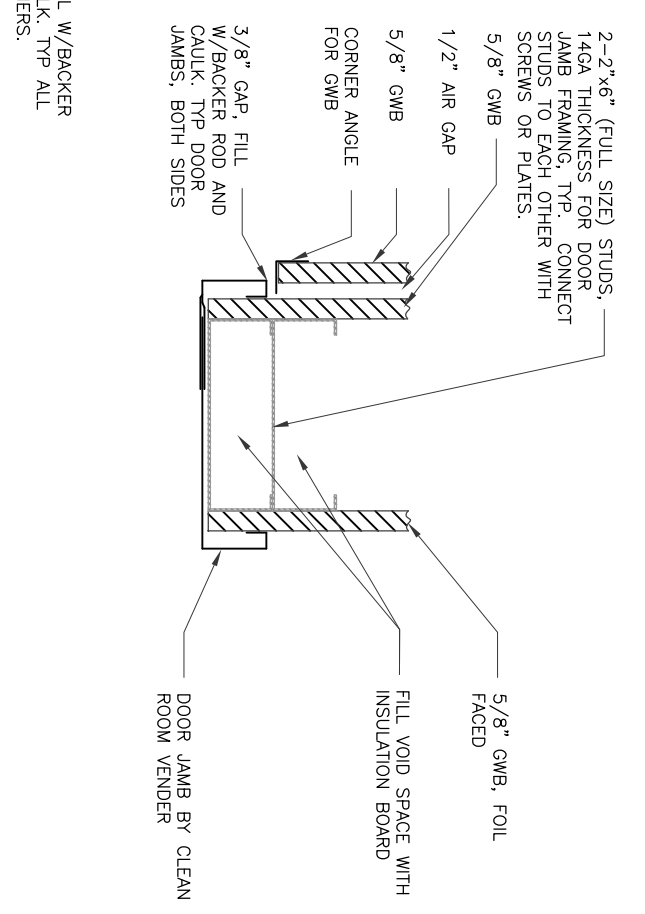
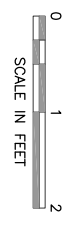
1. WALLS TO BE OFFSET 2"x4" (ACTUAL SIZE) STEEL STUD WALLS. STUD SPAN, CENTER TO CENTER ON INTERIOR AND EXTERIOR WALLS, SHALL NOT EXCEED 24".
2. SPACE STUDS AS SHOWN TO ACCOMMODATE 4" PVC PIPE SLEEVES (4.5"OD) AT EXACT LOCATIONS SHOWN. SLEEVES SHALL BE INSTALLED WITH FLOATING SEAL (CAULK) AROUND OUTER CIRCUMFERENCE.
3. INSTALL THREE LAYERS OF RIGID INSULATING BOARD, KNAUF 703 FIBERGLASS BOARD, OR APPROVED EQUAL, IN FRAMING. FULLY INSERT INSULATING BOARD INTO FRAMING STUD. ROOF JOISTS REQUIRE FIVE LAYERS TO FILL 10" DEPTH.
4. INTERIOR WALLS SHALL BE ONE SHEET 5/8" GWB, FOIL FACED TO THE INTERIOR OF THE ROOM.
5. EXTERIOR WALLS SHALL BE ONE SHEET 5/8" GWB, 1/2" AIR GAP USING ALUMINUM STANDOFF CHANNEL, DIETRICH METAL FRAMING, INC RCSD-STC (25 GA), ONE SHEET 5/8" GWB.
6. INTERIOR CEILING SHALL BE ONE SHEET 5/8" GWB, FOIL FACED TO THE INTERIOR OF THE ROOM.
7. ROOF SHALL BE ONE SHEET 5/8" GWB, 1/2" AIR GAP USING ALUMINUM STANDOFF CHANNEL, DIETRICH METAL FRAMING, INC RCDN-STC (20 GA), ONE SHEET 5/8" GWB, ONE SHEET 5/8" T&G PLYWOOD, EPOXY PAINTED.



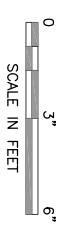
1 LAE WALL/CLG JOINT DETAIL
SCALE: 1" = 1'-0"



2 LAE FRAMING/INSULATION DETAIL
SCALE: 1" = 1'-0"



3 DOOR JAMB DETAIL
SCALE: 2" = 1'-0"



DRAWING: LIGO-D1002399

CALIFORNIA INSTITUTE OF TECHNOLOGY
LIGO HANFORD OBSERVATORY
HIBBS ENGINEERING, INC.
KENNEWICK, WASHINGTON

H2 LASER AREA ENCLOSURE
ROOM LAYOUT/FRAMING
PLAN

PROJECT NUMBER: 1036.01 CAD FILE: 1036H2

DRAWN BY: GLH
CHECKED BY:
DESIGN A/E DESIGN GM
HEI APPROVAL

REV No	DATE	BY	DESCRIPTION	APPROVED
v2	11/3/10	GLH	EDIT NOTE 1, ADD/UPDATE DIMENSIONS	
v3	3/7/11	GLH	MODIFY PENETRATION LOCATIONS, DIMENSIONS, FRAMING DETAILS	