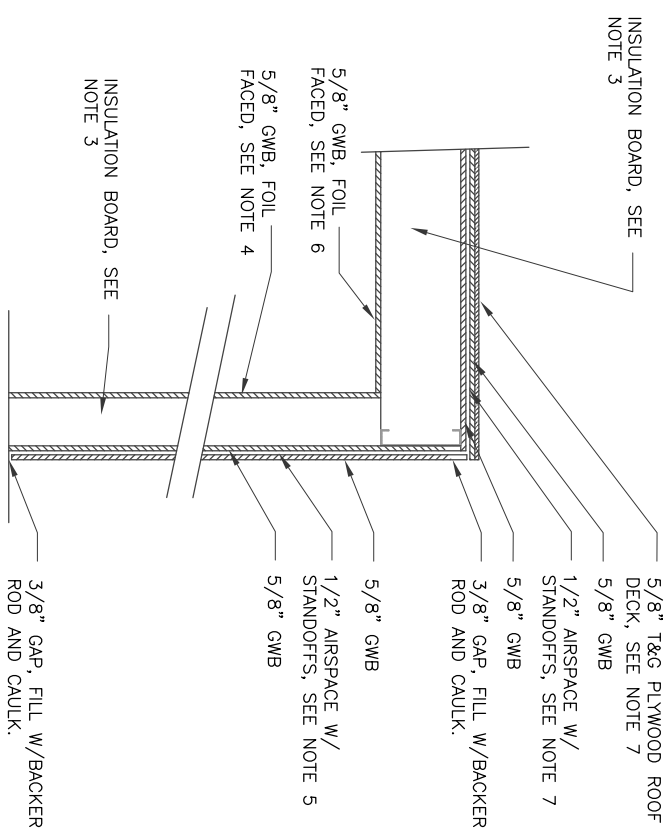
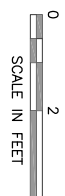


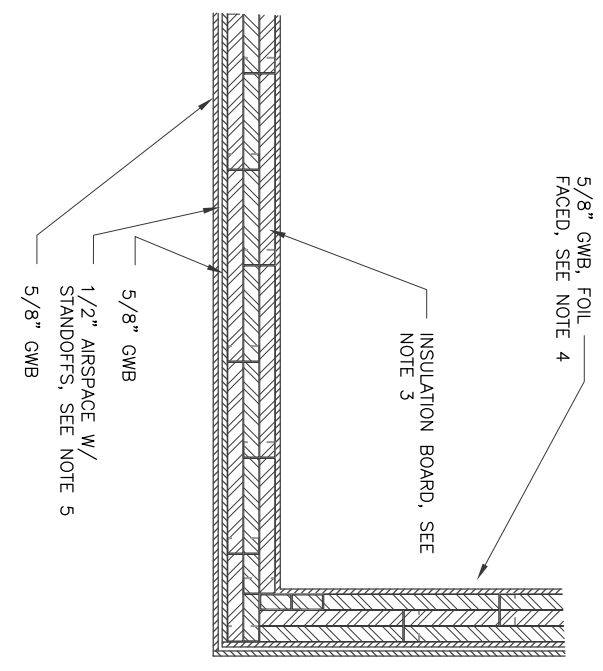
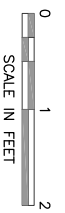
NOTES:

1. WALLS TO BE OFFSET 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 RCDN-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.

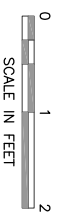
FRAMING PLAN  
SCALE: 1/2" = 1'-0"



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



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



REV No	DATE	BY	DESCRIPTION	APPROVED

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

H1 LASER AREA ENCLOSURE ROOM LAYOUT/FRAMING PLAN	
PROJECT NUMBER: 1036.01	CAD FILE: 1036M01

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CALIFORNIA INSTITUTE OF TECHNOLOGY  
LIGO HANFORD OBSERVATORY

**HIBBS ENGINEERING, INC.**  
KENNEWICK, WASHINGTON

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DRAWING NUMBER: 2389	REV: V1
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