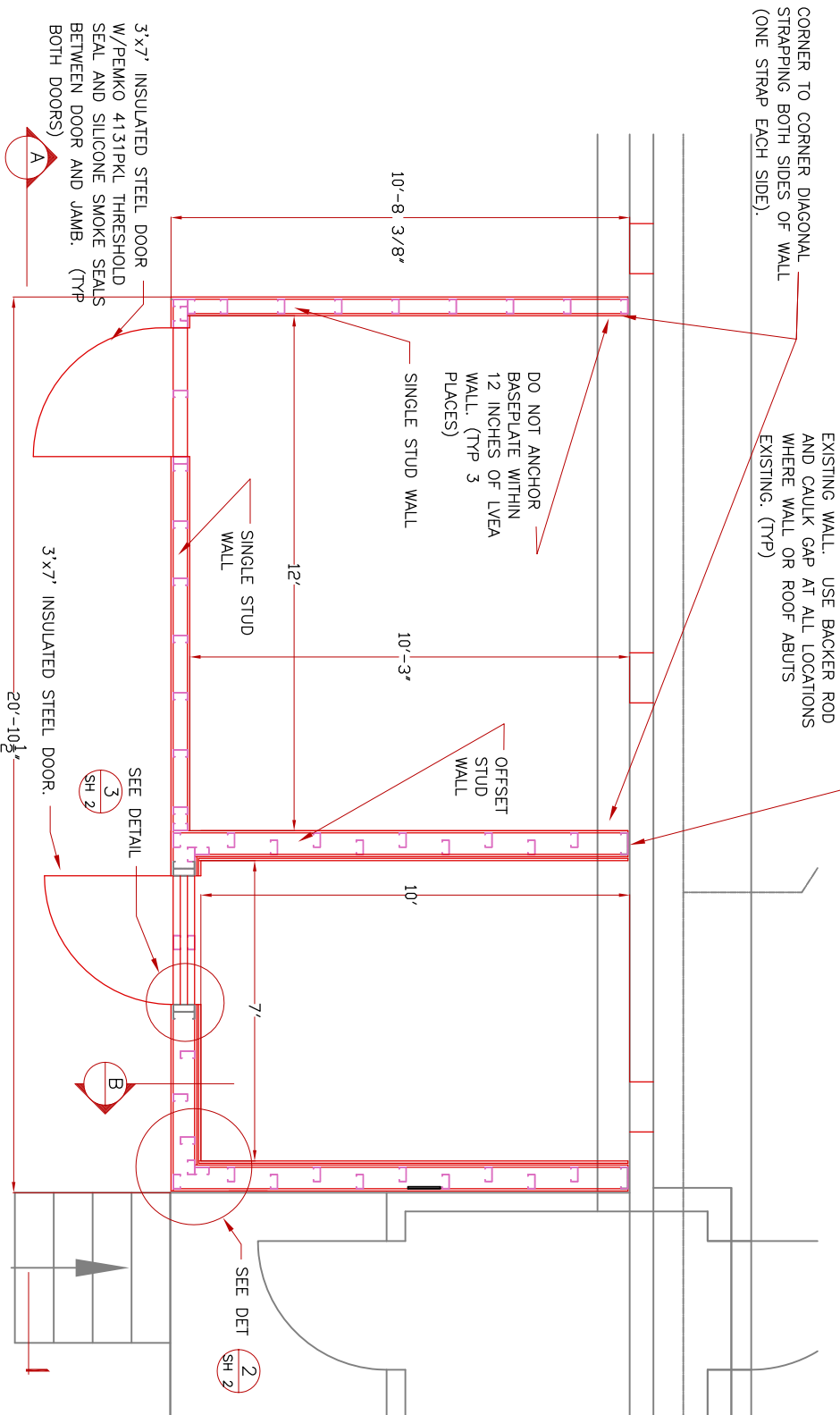


GENERAL NOTES:

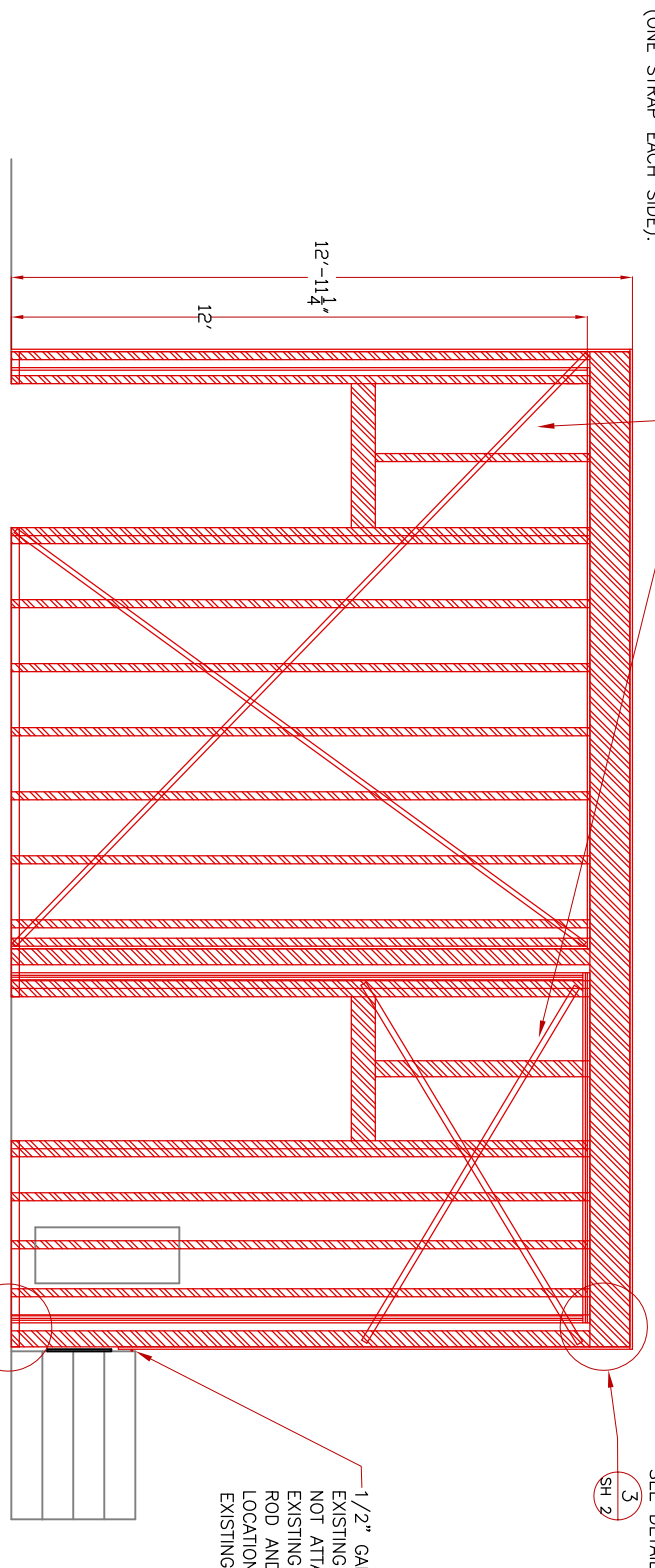
1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING CODES AND GUIDELINES (OR AS DIRECTED BY GOVERNING AGENCIES WITHIN JURISDICTION):
IBC (INTERNATIONAL BUILDING CODE) UMC (UNIFORM MECHANICAL CODE)
UPC (UNIFORM PLUMBING CODE) NEC (NATIONAL ELECTRIC CODE)
2. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF SITE CONDITIONS, INSTALLATION STANDARDS AND CONSTRUCTION CONDITIONS, DISCREPANCIES BETWEEN SITE CONDITIONS AND THE CONSTRUCTION DRAWINGS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT/ENGINEER. WORK DONE WITHOUT THE ARCHITECT/ENGINEER'S APPROVAL IS THE RESPONSIBILITY OF THE CONTRACTOR.
3. CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR SAFETY. CONTRACTOR SHALL PROVIDE ADEQUATE SAFEGUARDS, SAFETY DEVICES AND PROTECTIVE EQUIPMENT AND TAKE ANY OTHER NEEDED ACTIONS NECESSARY TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF THE WORK COVERED BY THE CONTRACT.
4. CLEANLINESS MUST BE MAINTAINED THROUGHOUT CONSTRUCTION. MAKE CUTS OF GWB AND PLYWOOD OUTSIDE OF LVEA. TAPE EXTERIOR SHEETROCK ONLY - DO NOT SAND.

CONSTRUCTION NOTES:

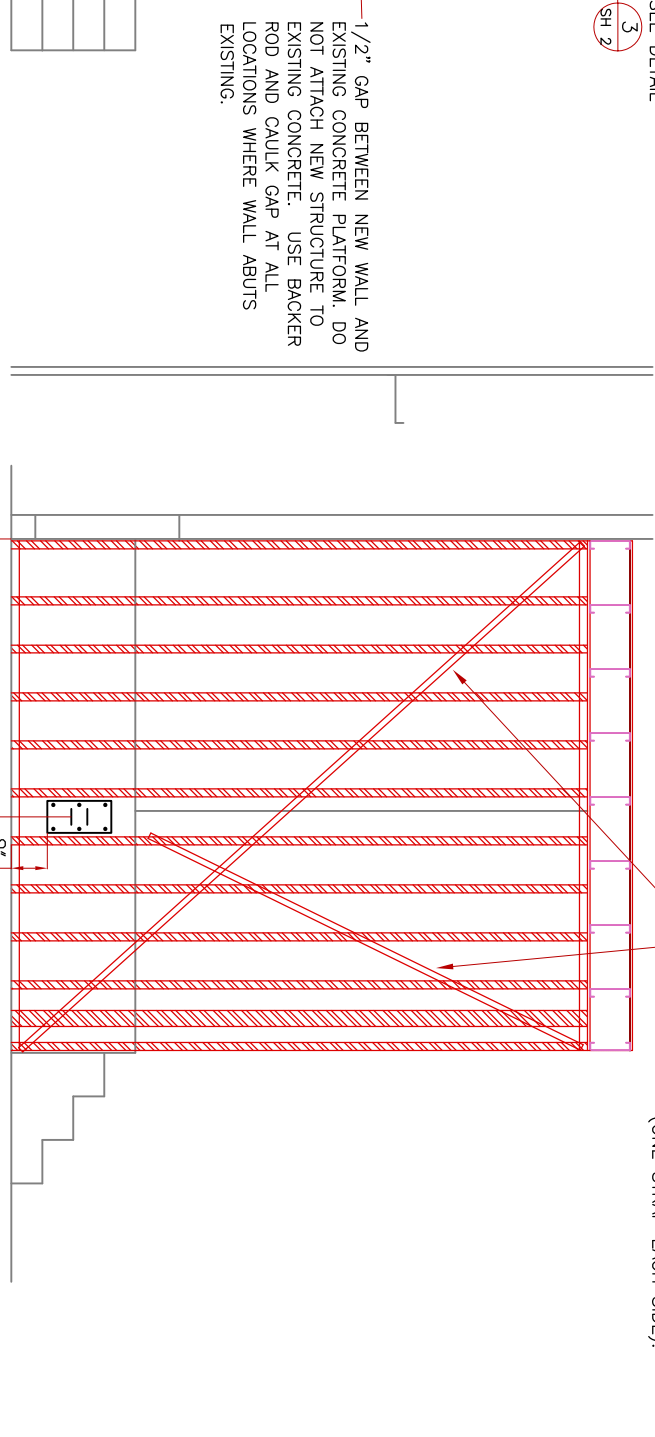
1. USE 2"x4" (ACTUAL SIZE) STEEL STUDS FOR WALLS. STUD SPAN, CENTER TO CENTER ON OFFSET WALLS, SHALL NOT EXCEED 24" ON EACH SIDE OF OFFSET. STUD SPAN, CENTER TO CENTER ON SINGLE STUD WALLS, SHALL NOT EXCEED 16". INSTALL THREE LAYERS OF RIGID INSULATING BOARD, KNAUF 703 FIBERGLASS BOARD, OR APPROVED EQUAL, IN OFFSET WALL FRAMING. INSERT TWO LAYERS IN SINGLE STUD FRAMING. FULLY INSERT INSULATING BOARD INTO FRAMING STUD.
2. ROOF FRAMING 2"x10" (ACTUAL SIZE). FRAME SPACING 16" CENTER TO CENTER. INSTALL FIVE LAYERS OF RIGID INSULATING BOARD TO FILL 10" DEPTH. INSULATION: KNAUF 703 FIBERGLASS BOARD, OR APPROVED EQUAL. IN JOISTS. FULLY INSERT INSULATING BOARD INTO JOIST.
3. INTERIOR WALLS AND CEILING OF DIODE ROOM SHALL BE SINGLE LAYER 5/8" GWB.
4. INTERIOR CHILLER ROOM WALLS SHALL BE ONE SHEET 5/8" GWB, 1/2" AIR GAP USING STANDOFF CHANNEL, DIETRICH METAL FRAMING, INC RCD-S-1TC (25 GA) OR EQUAL, ONE SHEET 5/8" GWB.
5. INTERIOR CEILING CHILLER ROOM SHALL BE ONE SHEET 5/8" GWB, 1/2" AIR GAP USING STANDOFF CHANNEL, DIETRICH METAL FRAMING, INC RCDN-S-1TC (20 GA) OR EQUAL, ONE SHEET 5/8" GWB.
6. ROOF SHALL BE ONE SHEET 3/4" T&G PLYWOOD, EPOXY PAINTED.
7. STRAPS SHALL BE SIMPSON CS20 OR EQUAL.
8. PAINT GWB SURFACES WITH LOW VOC LATEX PAINT.



H2 LASER DIODE ROOM PLAN VIEW
SCALE: 1/2" = 1'-0"
SCALE IN FEET
BUILDING NORTH



A LASER DIODE ROOM SECTION VIEW
SCALE: 1/2" = 1'-0"
SCALE IN FEET



B LASER DIODE ROOM SECTION VIEW
SCALE: 1/2" = 1'-0"
SCALE IN FEET

DRAWING: LIGO-D1101098v1 SH 1

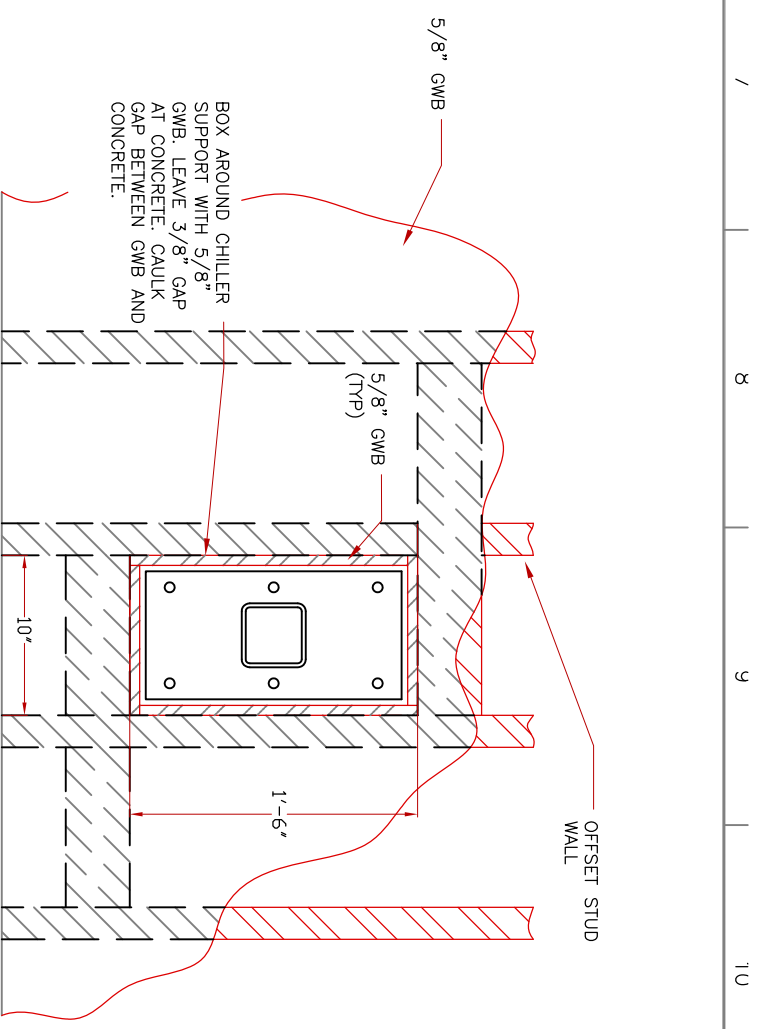
REV No	DATE	BY	DESCRIPTION	APPROVED

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

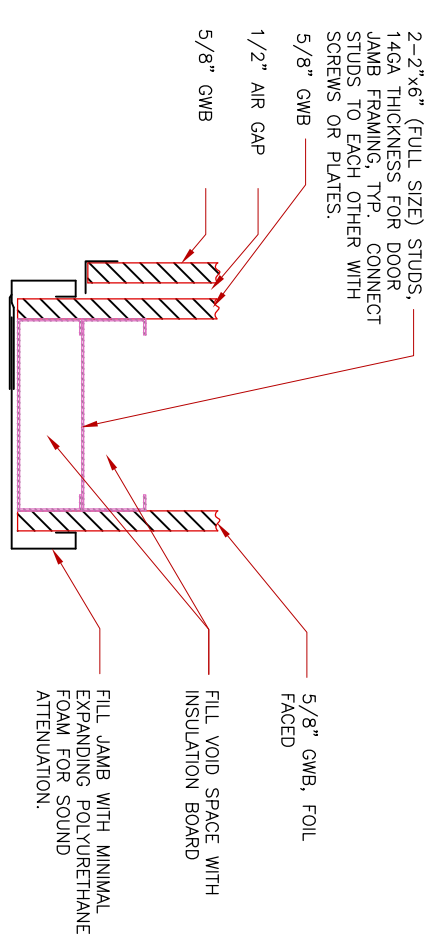
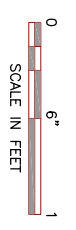
H2 LASER DIODE ROOM ENCLOSURE PLAN, SECTIONS	
PROJECT NUMBER: 1046.01	CAD FILE: 1046

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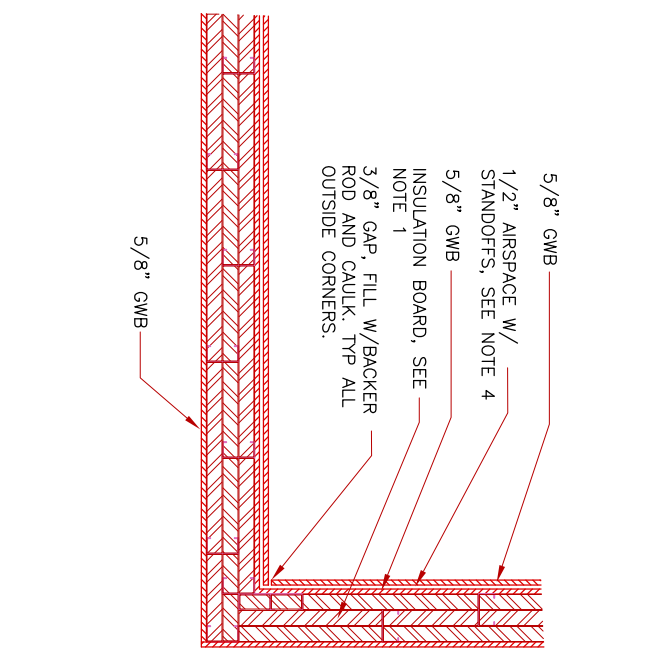
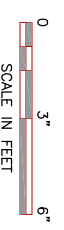
DRAWING NUMBER	REV
SH 1	v3



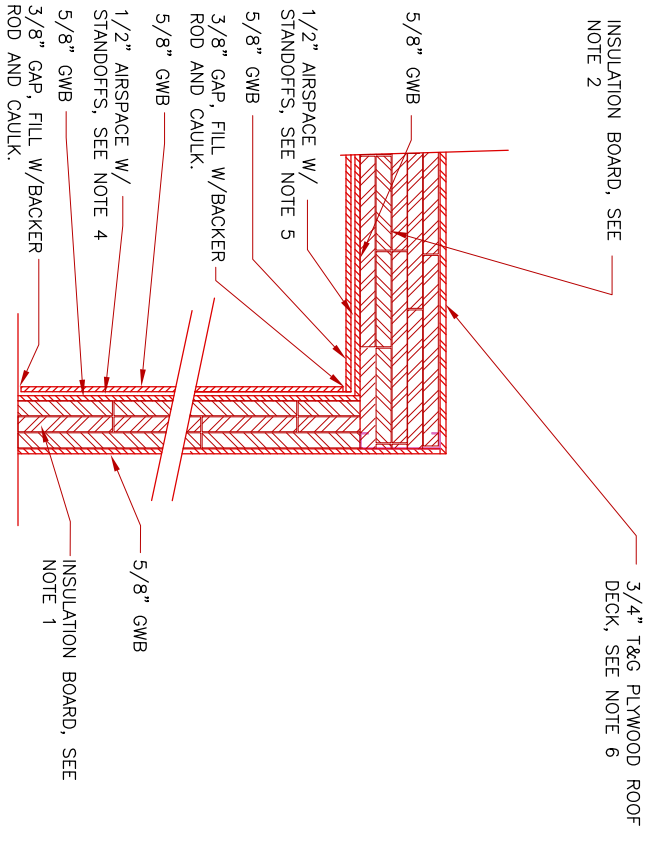
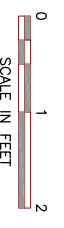
3 CHILLER SUPPORT PLATE FINISH DETAIL
SCALE: 2" = 1'-0"



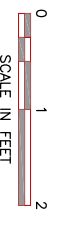
3 DOOR JAMB DETAIL
SCALE: 4" = 1'-0"



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



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



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	

DRAWN BY: GLH	
CHECKED BY:	DESIGN GM
HEI APPROVAL	

PROJECT NUMBER: 1036.01		CAD FILE: 1036H2	
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DRAWING NUMBER	SH 2
REV	v3