

# DESERT SAGE HEALTH CENTER ADDITION AND REMODEL

2280 AMERICAN LEGION BLVD.

MOUNTAIN HOME, IDAHO

ABBREVIATIONS		SYMBOLS LEGEND		DESIGN TEAM		SHEET INDEX																																																																																																																																																																																																																																																																																																																																																																																																																													
<table border="0"> <tr> <td>A.B.</td><td>ANCHOR BOLT</td> <td>J.B.</td><td>JUNCTION BOX</td> </tr> <tr> <td>A.C.</td><td>ASPHALTIC CONCRETE</td> <td>K.O.</td><td>KNOCKOUT</td> </tr> <tr> <td>AC</td><td>AIR CONDITIONING</td> <td>K.P.</td><td>KICKPLATE</td> </tr> <tr> <td>AC. TILE</td><td>ACOUSTICAL TILE</td> <td>L.A.V.S.</td><td>LAVATORIES</td> </tr> <tr> <td>ADJ.</td><td>ADJUSTABLE</td> <td>L.P.</td><td>LOW POINT</td> </tr> <tr> <td>A.F.F.</td><td>ABOVE FINISH FLOOR</td> <td>L.S.D.</td><td>LIQUID SOAP DISPENSER</td> </tr> <tr> <td>A.F.S.</td><td>AUTOMATIC FIRE SPRINKLER</td> <td>MAT.</td><td>MATERIAL</td> </tr> <tr> <td>ALUM.</td><td>ALUMINUM</td> <td>MAX.</td><td>MAXIMUM</td> </tr> <tr> <td>&amp;</td><td>AND</td> <td>M.B.</td><td>MARKER BOARD</td> </tr> <tr> <td>∠</td><td>ANGLE</td> <td>MECH.</td><td>MECHANICAL</td> </tr> <tr> <td>ANOD.</td><td>ANODIZED</td> <td>MEF./ MTL.</td><td>METAL</td> </tr> <tr> <td>ASPH.</td><td>ASPHALT</td> <td>MFR.</td><td>MANUFACTURER</td> </tr> <tr> <td>A.T.</td><td>ASH TRAY</td> <td>M.H.</td><td>MANHOLE</td> </tr> <tr> <td>@</td><td>AT</td> <td>MIN.</td><td>MINIMUM</td> </tr> <tr> <td>BD.</td><td>BOARD</td> <td>M.S.</td><td>MACHINE SCREW</td> </tr> <tr> <td>BLDG.</td><td>BUILDING</td> <td>MULL.</td><td>MULLION</td> </tr> <tr> <td>BLKG.</td><td>BLOCKING</td> <td>N.I.C.</td><td>NOT IN CONTRACT</td> </tr> <tr> <td>BM</td><td>BEAM</td> <td>N.S.F.</td><td>NET SQUARE FEET</td> </tr> <tr> <td>B.O.J.</td><td>BOTTOM OF JOISTS</td> <td>N.T.S.</td><td>NOT TO SCALE</td> </tr> <tr> <td>BOTT.</td><td>BOTTOM</td> <td>O.C.</td><td>ON CENTER</td> </tr> <tr> <td>CABT.</td><td>CABINET</td> <td>O.H.</td><td>OVAL HEAD</td> </tr> <tr> <td>C.B.</td><td>CHALKBOARD</td> <td>OPHD.</td><td>OPPOSITE HAND</td> </tr> <tr> <td>C.D.</td><td>CUP DISPENSER</td> <td>OPNG.</td><td>OPENING</td> </tr> <tr> <td>CEM.</td><td>CEMENT</td> <td>OPP.</td><td>OPPOSITE</td> </tr> <tr> <td>CER.</td><td>CERAMIC</td> <td>O.D.</td><td>OVERFLOW DRAIN</td> </tr> <tr> <td>L</td><td>CHANNEL</td> <td></td><td>OR OUTSIDE DIAMETER</td> </tr> <tr> <td>C.I.</td><td>CAST IRON</td> <td>P.B.</td><td>PANIC BAR</td> </tr> <tr> <td>C.J.</td><td>CONSTRUCTION JOINT</td> <td>P.D.F.</td><td>POWDER DRIVEN FASTENER</td> </tr> <tr> <td>CL</td><td>CENTER LINE</td> <td>P.H.</td><td>PHILLIPS HEAD</td> </tr> <tr> <td>CLR.</td><td>CLEAR</td> <td>P. LAM.</td><td>PLASTIC LAMINATE</td> </tr> <tr> <td>CLG.</td><td>CEILING</td> <td>PLYWD.</td><td>PLYWOOD</td> </tr> <tr> <td>CPT.</td><td>CARPET</td> <td>PNL.</td><td>PANEL</td> </tr> <tr> <td>C.O.</td><td>CLEANOUT</td> <td>POL.</td><td>POLISHED</td> </tr> <tr> <td>COL.</td><td>COLUMN</td> <td>PORC. ENAM.</td><td>PORCELAIN ENAMEL</td> </tr> <tr> <td>COMP.</td><td>COMPOSITION</td> <td>P.S.D.</td><td>POWDER SOAP DISPENSER</td> </tr> <tr> <td>CONC.</td><td>CONCRETE</td> <td>PT.</td><td>POINT</td> </tr> <tr> <td>CONN.</td><td>CONNECTION</td> <td>P.T.</td><td>PRESSURE TREATED</td> </tr> <tr> <td>CONT.</td><td>CONTINUOUS</td> <td>PTD.</td><td>PAINTED</td> </tr> <tr> <td>CONTR.</td><td>CONTRACTOR</td> <td>P.V.C.</td><td>POLY VINYL CHLORIDE</td> </tr> <tr> <td>CSK.</td><td>COUNTERSUNK</td> <td>R.</td><td>RISERS</td> </tr> <tr> <td>CT</td><td>CERAMIC TILE</td> <td>R.A.</td><td>RETURN AIR</td> </tr> <tr> <td>C.W.</td><td>COLD WATER</td> <td>RAD.</td><td>RADIUS</td> </tr> <tr> <td>-</td><td>DIAMETER</td> <td>RD.</td><td>ROUND</td> </tr> <tr> <td>D</td><td>DRYER</td> <td>R.D.</td><td>ROOF DRAIN</td> </tr> <tr> <td>DET.</td><td>DETAIL</td> <td>REC.</td><td>RECESSED</td> </tr> <tr> <td>D.F.</td><td>DRINKING FOUNTAIN</td> <td>REIN.</td><td>REINFORCING</td> </tr> <tr> <td>DIM.</td><td>DIMENSION</td> <td>RES.</td><td>RESILIENT</td> </tr> <tr> <td>D.S.</td><td>DOWNSPOUT</td> <td>R.H.</td><td>ROUND HEAD</td> </tr> <tr> <td>DWG.</td><td>DRAWING</td> <td>RM.</td><td>ROOM</td> </tr> <tr> <td>EA</td><td>EACH</td> <td>RO.</td><td>ROUGH</td> </tr> <tr> <td>E.I.F.S.</td><td>EXT. INSUL. &amp; FINISHING SYSTEM</td> <td>R.O.</td><td>ROUGH OPENING</td> </tr> <tr> <td>E.J.</td><td>EXPANSION JOINT</td> <td>R.O.W.</td><td>RIGHT OF WAY</td> </tr> <tr> <td>ELEC.</td><td>ELECTRICAL</td> <td>R.W.L.</td><td>RAIN WATER LEADER</td> </tr> <tr> <td>ELEV.</td><td>ELEVATION</td> <td>S.C.D.</td><td>SEAT COVER DISPENSER</td> </tr> <tr> <td>ENCL.</td><td>ENCLOSURE</td> <td>S.D.</td><td>STORM DRAIN</td> </tr> <tr> <td>E.P.B.</td><td>ELECTRIC PANEL BOARD</td> <td>SECT.</td><td>SECTION</td> </tr> <tr> <td>EQ.</td><td>EQUAL</td> <td>S.F.</td><td>SQUARE FOOT/FEET</td> </tr> <tr> <td>E.S.</td><td>EXPANSION SHIELD</td> <td>SHT.</td><td>SHEET</td> </tr> <tr> <td>E.W.C.</td><td>ELECTRIC WATER COOLER</td> <td>SHTHG.</td><td>SHEDDING</td> </tr> <tr> <td>E.W.H.</td><td>ELECTRIC WATER HEATER</td> <td>SHVS.</td><td>SHELVES</td> </tr> <tr> <td>EXH.</td><td>EXHAUST</td> <td>SIM.</td><td>SIMILAR</td> </tr> <tr> <td>EXIST. OR (E)</td><td>EXISTING</td> <td>SK.</td><td>SINK OR SKETCH</td> </tr> <tr> <td>EXT.</td><td>EXTERIOR</td> <td>S.M.</td><td>SHEET METAL</td> </tr> <tr> <td>F.A.P.</td><td>FIRE ALARM PANEL</td> <td>S.M.S.</td><td>SHEET METAL SCREW</td> </tr> <tr> <td>F.B.</td><td>FLAT BAR</td> <td>S.N.D.</td><td>SANITARY NAPKIN DISPOSER</td> </tr> <tr> <td>FBRGL.</td><td>FIBERGLASS</td> <td>S.N.V.</td><td>SANITARY NAPKIN VENDOR</td> </tr> <tr> <td>F.D.</td><td>FLOOR DRAIN</td> <td>SPECS.</td><td>SPECIFICATIONS</td> </tr> <tr> <td>FDN.</td><td>FOUNDATION</td> <td>SQ.</td><td>SQUARE</td> </tr> <tr> <td>F.E.</td><td>FIRE EXTINGUISHER</td> <td>S.S.</td><td>SERVICE SINK</td> </tr> <tr> <td>F.E.C.</td><td>FIRE EXTINGUISHER CABINET</td> <td>S.S.D.</td><td>SEE STRUCTURAL DRAWINGS</td> </tr> <tr> <td>FIN.FL.</td><td>FINISH FLOOR</td> <td>STD.</td><td>STANDARD</td> </tr> <tr> <td>F.H.</td><td>FIRE HYDRANT OR FLAT HEAD</td> <td>STL.</td><td>STEEL</td> </tr> <tr> <td>F.H.C.</td><td>FIRE HOSE CABINET</td> <td>STR.</td><td>STORAGE</td> </tr> <tr> <td>FIN.</td><td>FINISH</td> <td>STRUC.</td><td>STRUCTURAL</td> </tr> <tr> <td>FL.</td><td>FLOOR</td> <td>ST. STL.</td><td>STAINLESS STEEL</td> </tr> <tr> <td>F.O.</td><td>FINISHED OPENING</td> <td>SUSP.</td><td>SUSPENDED</td> </tr> <tr> <td>F.O.C.</td><td>FACE OF CONCRETE</td> <td>SV</td><td>SHEET VINYL</td> </tr> <tr> <td>F.O.F.</td><td>FACE OF FINISH</td> <td>T.B.</td><td>TACK BOARD</td> </tr> <tr> <td>F.O.S.</td><td>FACE OF STUD</td> <td>T.D.</td><td>TOWEL DISPENSER</td> </tr> <tr> <td>F.S.</td><td>FLOOR SINK</td> <td>T.D.D.</td><td>TOWEL DISPENSER &amp; DISPOSAL</td> </tr> <tr> <td>FTG.</td><td>FOOTING</td> <td>TEL.</td><td>TELEPHONE</td> </tr> <tr> <td>FRP</td><td>FIBERGLASS REINFORCED PLASTIC</td> <td>T.O.</td><td>TOP OF</td> </tr> <tr> <td>GA</td><td>GAUGE</td> <td>T.O.B.</td><td>TOP OF BEAM</td> </tr> <tr> <td>GALV.</td><td>GALVANIZE(D)</td> <td>T.O.S.</td><td>TOP OF SLAB</td> </tr> <tr> <td>GRD.</td><td>GROUND OR GRADE</td> <td>T.O.W.</td><td>TOP OF WALL</td> </tr> <tr> <td>G.S.F.</td><td>GROSS SQUARE FEET</td> <td>T.P.</td><td>TOILET PAPER</td> </tr> <tr> <td>GYP.</td><td>GYPSUM</td> <td>TR.</td><td>TUBE STEEL</td> </tr> <tr> <td>H.C.</td><td>HANDICAP/ HOLLOW CORE</td> <td>TREAD.</td><td>TREAD</td> </tr> <tr> <td>HDR.</td><td>HEADER</td> <td>TYP.</td><td>TYPICAL</td> </tr> <tr> <td>HDWD.</td><td>HARDWOOD</td> <td>U.O.N.</td><td>UNLESS OTHERWISE NOTED</td> </tr> <tr> <td>H.M.</td><td>HOLLOW METAL</td> <td>UR.</td><td>URINAL</td> </tr> <tr> <td>HORIZ.</td><td>HORIZONTAL</td> <td>VERT.</td><td>VERTICAL</td> </tr> <tr> <td>H.P.</td><td>HIGH POINT</td> <td>W</td><td>WASHER</td> </tr> <tr> <td>H.R.</td><td>HANDRAIL</td> <td>WI.</td><td>WITNESS</td> </tr> <tr> <td>HT.</td><td>HEIGHT</td> <td>WAINS.</td><td>WAINSCOT</td> </tr> <tr> <td>H.T.D.</td><td>HANDICAP TOWEL DISPENSER</td> <td>WD</td><td>WOOD</td> </tr> <tr> <td>HTG.</td><td>HEATING</td> <td>WH</td><td>WATER HEATER</td> </tr> <tr> <td>H.W.</td><td>HOT WATER</td> <td>W.P.</td><td>WORK POINT OR WATERPROOF</td> </tr> <tr> <td>H.W.D.</td><td>HOT WATER DISPENSER</td> <td>W.R.</td><td>WATER RESISTANT OR WASTE RECEPTACLE</td> </tr> <tr> <td>I.D.</td><td>INSIDE DIAMETER</td> <td>WS.</td><td>WEATHER STRIPPING</td> </tr> <tr> <td>INVERT</td><td>INVERT</td> <td>W.W.</td><td>WINDOW WALL</td> </tr> <tr> <td>INSUL.</td><td>INSULATION</td> <td>W.W.F.</td><td>WELDED WIRE FABRIC</td> </tr> <tr> <td>INT.</td><td>INTERIOR</td> <td></td><td></td> </tr> </table>		A.B.	ANCHOR BOLT	J.B.	JUNCTION BOX	A.C.	ASPHALTIC CONCRETE	K.O.	KNOCKOUT	AC	AIR CONDITIONING	K.P.	KICKPLATE	AC. TILE	ACOUSTICAL TILE	L.A.V.S.	LAVATORIES	ADJ.	ADJUSTABLE	L.P.	LOW POINT	A.F.F.	ABOVE FINISH FLOOR	L.S.D.	LIQUID SOAP DISPENSER	A.F.S.	AUTOMATIC FIRE SPRINKLER	MAT.	MATERIAL	ALUM.	ALUMINUM	MAX.	MAXIMUM	&	AND	M.B.	MARKER BOARD	∠	ANGLE	MECH.	MECHANICAL	ANOD.	ANODIZED	MEF./ MTL.	METAL	ASPH.	ASPHALT	MFR.	MANUFACTURER	A.T.	ASH TRAY	M.H.	MANHOLE	@	AT	MIN.	MINIMUM	BD.	BOARD	M.S.	MACHINE SCREW	BLDG.	BUILDING	MULL.	MULLION	BLKG.	BLOCKING	N.I.C.	NOT IN CONTRACT	BM	BEAM	N.S.F.	NET SQUARE FEET	B.O.J.	BOTTOM OF JOISTS	N.T.S.	NOT TO SCALE	BOTT.	BOTTOM	O.C.	ON CENTER	CABT.	CABINET	O.H.	OVAL HEAD	C.B.	CHALKBOARD	OPHD.	OPPOSITE HAND	C.D.	CUP DISPENSER	OPNG.	OPENING	CEM.	CEMENT	OPP.	OPPOSITE	CER.	CERAMIC	O.D.	OVERFLOW DRAIN	L	CHANNEL		OR OUTSIDE DIAMETER	C.I.	CAST IRON	P.B.	PANIC BAR	C.J.	CONSTRUCTION JOINT	P.D.F.	POWDER DRIVEN FASTENER	CL	CENTER LINE	P.H.	PHILLIPS HEAD	CLR.	CLEAR	P. LAM.	PLASTIC LAMINATE	CLG.	CEILING	PLYWD.	PLYWOOD	CPT.	CARPET	PNL.	PANEL	C.O.	CLEANOUT	POL.	POLISHED	COL.	COLUMN	PORC. ENAM.	PORCELAIN ENAMEL	COMP.	COMPOSITION	P.S.D.	POWDER SOAP DISPENSER	CONC.	CONCRETE	PT.	POINT	CONN.	CONNECTION	P.T.	PRESSURE TREATED	CONT.	CONTINUOUS	PTD.	PAINTED	CONTR.	CONTRACTOR	P.V.C.	POLY VINYL CHLORIDE	CSK.	COUNTERSUNK	R.	RISERS	CT	CERAMIC TILE	R.A.	RETURN AIR	C.W.	COLD WATER	RAD.	RADIUS	-	DIAMETER	RD.	ROUND	D	DRYER	R.D.	ROOF DRAIN	DET.	DETAIL	REC.	RECESSED	D.F.	DRINKING FOUNTAIN	REIN.	REINFORCING	DIM.	DIMENSION	RES.	RESILIENT	D.S.	DOWNSPOUT	R.H.	ROUND HEAD	DWG.	DRAWING	RM.	ROOM	EA	EACH	RO.	ROUGH	E.I.F.S.	EXT. INSUL. & FINISHING SYSTEM	R.O.	ROUGH OPENING	E.J.	EXPANSION JOINT	R.O.W.	RIGHT OF WAY	ELEC.	ELECTRICAL	R.W.L.	RAIN WATER LEADER	ELEV.	ELEVATION	S.C.D.	SEAT COVER DISPENSER	ENCL.	ENCLOSURE	S.D.	STORM DRAIN	E.P.B.	ELECTRIC PANEL BOARD	SECT.	SECTION	EQ.	EQUAL	S.F.	SQUARE FOOT/FEET	E.S.	EXPANSION SHIELD	SHT.	SHEET	E.W.C.	ELECTRIC WATER COOLER	SHTHG.	SHEDDING	E.W.H.	ELECTRIC WATER HEATER	SHVS.	SHELVES	EXH.	EXHAUST	SIM.	SIMILAR	EXIST. OR (E)	EXISTING	SK.	SINK OR SKETCH	EXT.	EXTERIOR	S.M.	SHEET METAL	F.A.P.	FIRE ALARM PANEL	S.M.S.	SHEET METAL SCREW	F.B.	FLAT BAR	S.N.D.	SANITARY NAPKIN DISPOSER	FBRGL.	FIBERGLASS	S.N.V.	SANITARY NAPKIN VENDOR	F.D.	FLOOR DRAIN	SPECS.	SPECIFICATIONS	FDN.	FOUNDATION	SQ.	SQUARE	F.E.	FIRE EXTINGUISHER	S.S.	SERVICE SINK	F.E.C.	FIRE EXTINGUISHER CABINET	S.S.D.	SEE STRUCTURAL DRAWINGS	FIN.FL.	FINISH FLOOR	STD.	STANDARD	F.H.	FIRE HYDRANT OR FLAT HEAD	STL.	STEEL	F.H.C.	FIRE HOSE CABINET	STR.	STORAGE	FIN.	FINISH	STRUC.	STRUCTURAL	FL.	FLOOR	ST. STL.	STAINLESS STEEL	F.O.	FINISHED OPENING	SUSP.	SUSPENDED	F.O.C.	FACE OF CONCRETE	SV	SHEET VINYL	F.O.F.	FACE OF FINISH	T.B.	TACK BOARD	F.O.S.	FACE OF STUD	T.D.	TOWEL DISPENSER	F.S.	FLOOR SINK	T.D.D.	TOWEL DISPENSER & DISPOSAL	FTG.	FOOTING	TEL.	TELEPHONE	FRP	FIBERGLASS REINFORCED PLASTIC	T.O.	TOP OF	GA	GAUGE	T.O.B.	TOP OF BEAM	GALV.	GALVANIZE(D)	T.O.S.	TOP OF SLAB	GRD.	GROUND OR GRADE	T.O.W.	TOP OF WALL	G.S.F.	GROSS SQUARE FEET	T.P.	TOILET PAPER	GYP.	GYPSUM	TR.	TUBE STEEL	H.C.	HANDICAP/ HOLLOW CORE	TREAD.	TREAD	HDR.	HEADER	TYP.	TYPICAL	HDWD.	HARDWOOD	U.O.N.	UNLESS OTHERWISE NOTED	H.M.	HOLLOW METAL	UR.	URINAL	HORIZ.	HORIZONTAL	VERT.	VERTICAL	H.P.	HIGH POINT	W	WASHER	H.R.	HANDRAIL	WI.	WITNESS	HT.	HEIGHT	WAINS.	WAINSCOT	H.T.D.	HANDICAP TOWEL DISPENSER	WD	WOOD	HTG.	HEATING	WH	WATER HEATER	H.W.	HOT WATER	W.P.	WORK POINT OR WATERPROOF	H.W.D.	HOT WATER DISPENSER	W.R.	WATER RESISTANT OR WASTE RECEPTACLE	I.D.	INSIDE DIAMETER	WS.	WEATHER STRIPPING	INVERT	INVERT	W.W.	WINDOW WALL	INSUL.	INSULATION	W.W.F.	WELDED WIRE FABRIC	INT.	INTERIOR			<p>DRAWING TITLE: C4 TITLE SCALE: 1/8" = 1'-0"</p> <p>DRAWING NUMBER: A1</p> <p>DRAWING SCALE: A3</p> <p>GRID LETTER OR NUMBER: A1</p> <p>SECTION No.: A3</p> <p>SHEET No.: A-301</p> <p>SECTION No.: B3</p> <p>SHEET No.: A-311</p> <p>DETAIL No.: D2</p> <p>SHEET No.: A-512</p> <p>DETAIL No.: D2</p> <p>SHEET No.: A-512</p> <p>SECTION No.: A1</p> <p>DETAIL No.: A4</p> <p>ROOM NAME: ROOM NAME 1, ROOM NAME 2</p> <p>ROOM No.: 101</p> <p>REFERENCE KEYNOTE No.: 01 53 00 A1</p> <p>KEYNOTE No.: 1</p> <p>WINDOW OR LOUVER No.: 1</p> <p>DOOR No.: 102A</p> <p>REVISION No.: 1</p> <p>WALL No.: M6</p> <p>EQUIP / ITEM No.: E46</p> <p>FINISH No.: F1</p> <p>ELEVATION: +110'-0" F.F.</p> <p>TRUE NORTH DIRECTION: PLAN NORTH</p> <p>NOTE: THIS IS A GENERAL SYMBOLS LEGEND. ALL SYMBOLS DO NOT APPLY TO EVERY JOB.</p>		<p><b>OWNER</b> GLENN'S FERRY HEALTH CENTER 486 W. FIRST AVENUE GLENN'S FERRY, IDAHO 83623-0266 CONTACT: LESLYN PHELPS T. (208) 366-7416 E. lphelps@gfncid.org</p> <p><b>ARCHITECT</b> ZGA ARCHITECTS &amp; PLANNERS, CHARTERED 408 E. PARKCENTER BLVD., SUITE 205 BOISE, IDAHO 83706 CONTACT: LANCE FISH, AIA T. (208) 345-8872   F. (208) 343-7162 E. lance@zga.com</p> <p><b>STRUCTURAL</b> CALL ENGINEERING, P.A. 7337 W. NORTHVIEW ST. BOISE, IDAHO 83704 CONTACT: BRIAN GARNER, P.E./S.E. T. (208) 321-2656   F. (208) 658-8051 E. bgarnier@callengineering.com</p> <p><b>MECHANICAL</b> MUSGROVE ENGINEERING, P.A. 234 S. WHISPERWOOD WAY BOISE, IDAHO 83709 CONTACT: BILL CARTER, P.E. T. (208) 384-0585   F. (208) 384-0765 E. bilcc@muscgrovepa.com</p> <p><b>ELECTRICAL</b> EIDAM ASSOCIATES 408 E. PARKCENTER BLVD., SUITE 215 BOISE, IDAHO 83706 CONTACT: GEOFF JOHNSON, P.E. T. (208) 345-7127   F. (208) 345-7178 E. geoff@eidam-assoc.com</p>		<p><b>GENERAL</b></p> <ul style="list-style-type: none"> <li>G-001 COVER SHEET</li> <li>G-002 CODE COMPLIANCE / ENERGY COMPLIANCE</li> <li>G-003 PHASING &amp; STAGING PLAN</li> </ul> <p><b>STRUCTURAL</b></p> <ul style="list-style-type: none"> <li>S-001 GENERAL STRUCTURAL NOTES</li> <li>S-101 FOUNDATION PLAN</li> <li>S-102 FRAMING PLAN</li> <li>S-301 FOUNDATION DETAILS</li> <li>S-302 FOUNDATION DETAILS</li> <li>S-501 FRAMING DETAILS</li> <li>S-502 FRAMING DETAILS</li> </ul> <p><b>ARCHITECTURAL</b></p> <ul style="list-style-type: none"> <li>AD-101 DEMOLITION SITE PLAN</li> <li>AD-102 DEMOLITION FLOOR PLAN</li> <li>AD-103 DEMOLITION REFLECTED CEILING PLAN</li> <li>AD-104 DEMOLITION ROOF PLAN</li> <li>A-101 SITE / LANDSCAPE PLAN</li> <li>A-102 FLOOR PLAN</li> <li>A-103 REFLECTED CEILING PLAN</li> <li>A-104 ROOF PLAN</li> <li>A-201 EXTERIOR ELEVATIONS</li> <li>A-202 INTERIOR ELEVATIONS</li> <li>A-203 INTERIOR ELEVATIONS</li> <li>A-204 INTERIOR ELEVATIONS</li> <li>A-205 INTERIOR ELEVATIONS</li> <li>A-206 INTERIOR ELEVATIONS</li> <li>A-207 INTERIOR ELEVATIONS</li> <li>A-208 INTERIOR ELEVATIONS</li> <li>A-209 ART GLASS ELEVATIONS</li> <li>A-301 BUILDING SECTIONS</li> <li>A-302 WALL SECTIONS</li> <li>A-303 WALL SECTIONS</li> <li>A-401 ENLARGED FLOOR PLANS</li> <li>A-501 EXTERIOR DETAILS</li> <li>A-502 EXTERIOR DETAILS</li> <li>A-503 INTERIOR DETAILS</li> <li>A-504 CASEWORK DETAILS</li> <li>A-601 ROOM FINISH SCHEDULE, DOOR SCHEDULE</li> <li>A-602 WALL, FLOOR AND ROOF ASSEMBLIES FINISH PLAN</li> </ul> <p><b>MECHANICAL</b></p> <ul style="list-style-type: none"> <li>MG-101 MECHANICAL COVER SHEET</li> <li>MG-102 MECHANICAL COMCHECK</li> <li>M-101 FIRST FLOOR HVAC DEMOLITION PLAN</li> <li>M-201 FIRST FLOOR HVAC NEW WORK PLAN</li> <li>M-202 NEW ROOF HVAC WORK PLAN</li> <li>M-301 HVAC DETAILS</li> <li>M-401 HVAC SCHEDULES</li> <li>P-101 FIRST FLOOR WASTE AND VENT DEMOLITION PLAN</li> <li>P-102 FIRST FLOOR WATER PIPING DEMOLITION PLAN</li> <li>P-201 FIRST FLOOR WASTE AND VENT NEW WORK PLAN</li> <li>P-202 FIRST FLOOR WATER PIPING NEW WORK PLAN</li> <li>P-203 NEW ROOF PLUMBING WORK PLAN</li> <li>P-301 FIRST FLOOR MEDICAL GAS PLAN</li> <li>P-401 PLUMBING SCHEDULES AND DETAILS</li> </ul> <p><b>ELECTRICAL</b></p> <ul style="list-style-type: none"> <li>E0.0 ELECTRICAL COVER SHEET</li> <li>E2.0D ELECTRICAL DEMOLITION PLAN</li> <li>E2.0E CRAWL SPACE ELECTRICAL PLAN</li> <li>E2.0L LIGHTING PLAN</li> <li>E2.0M MECHANICAL POWER PLAN</li> <li>E2.0P POWER PLAN</li> <li>E2.0S SPECIAL SYSTEMS PLAN</li> <li>E3.0 ELECTRICAL SCHEDULES</li> <li>E3.1 ELECTRICAL SCHEDULES</li> </ul>	
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GRD.	GROUND OR GRADE	T.O.W.	TOP OF WALL																																																																																																																																																																																																																																																																																																																																																																																																																																
G.S.F.	GROSS SQUARE FEET	T.P.	TOILET PAPER																																																																																																																																																																																																																																																																																																																																																																																																																																
GYP.	GYPSUM	TR.	TUBE STEEL																																																																																																																																																																																																																																																																																																																																																																																																																																
H.C.	HANDICAP/ HOLLOW CORE	TREAD.	TREAD																																																																																																																																																																																																																																																																																																																																																																																																																																
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H.W.	HOT WATER	W.P.	WORK POINT OR WATERPROOF																																																																																																																																																																																																																																																																																																																																																																																																																																
H.W.D.	HOT WATER DISPENSER	W.R.	WATER RESISTANT OR WASTE RECEPTACLE																																																																																																																																																																																																																																																																																																																																																																																																																																
I.D.	INSIDE DIAMETER	WS.	WEATHER STRIPPING																																																																																																																																																																																																																																																																																																																																																																																																																																
INVERT	INVERT	W.W.	WINDOW WALL																																																																																																																																																																																																																																																																																																																																																																																																																																
INSUL.	INSULATION	W.W.F.	WELDED WIRE FABRIC																																																																																																																																																																																																																																																																																																																																																																																																																																
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<p><b>PROJECT DESCRIPTION</b></p> <p>THE ADDITION AND REMODEL OF THE DESERT SAGE HEALTH CENTER. REMODEL APPROXIMATELY 1,667 SF OF INTERIOR SPACE OF THE EXISTING DESERT SAGE HEALTH CENTER AND BUILD AN APPROXIMATE 406 SF ADDITION TO THE NORTHWEST CORNER AND AN APPROXIMATE 2,128 SF ADDITION TO THE SOUTHEAST CORNER OF THE BUILDING. REMODEL INCLUDES, DEMOLITION, REMOVAL AND RELOCATION OF DESIGNATED WALLS, DOORS/FRAMES, CASEWORK, AND INTERIOR FINISHES. ADDITION TO THE SOUTHEAST TO INCLUDE (4) NEW DENTAL OPERATORIES, CONFERENCE ROOM, (3) OFFICES AND (1) STORAGE (FUTURE OFFICE SPACE). ADDITION TO THE NORTHWEST TO INCLUDE (2) EXAM ROOMS, (1) DIRTY LINEN STORAGE AND (1) SAMPLE DRUG STORAGE. ADDITIONS TO INCLUDE NEW HVAC UNITS, PLUMBING, FIRE PROTECTION, ELECTRICAL AND MEDICAL GAS/AIR REVISIONS.</p>				<p><b>VICINITY MAP</b></p>		<p><b>SITE MAP</b></p>																																																																																																																																																																																																																																																																																																																																																																																																																													

REVISIONS

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DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO

DATE: 12/14/2012	
PROJECT NO: 1226.00	
SHEET:	G-001
COVER SHEET	

**CODE REVIEW**

**APPLICABLE CODES**

2009 INTERNATIONAL BUILDING CODE  
 2009 INTERNATIONAL ENERGY CONSERVATION CODE  
 2009 INTERNATIONAL EXISTING BUILDING CODE  
 2009 UNIFORM PLUMBING CODE  
 2008 NATIONAL ELECTRIC CODE  
 2009 INTERNATIONAL FIRE CODE  
 2009 INTERNATIONAL MECHANICAL CODE  
 2009 INTERNATIONAL FUEL GAS CODE

**ZONING**

C3 ZONE, CITY OF MOUNTAIN HOME

**CODE SUMMARY**

USE AND OCCUPANCY CLASSIFICATION  
 GROUP A-3, ASSEMBLY (877 SF)  
 GROUP B, BUSINESS (9,414 SF)  
 GROUP S-2, STORAGE (464 SF)

NON-SEPARATED USE, 2009 IBC 508.3, GROUP A-3 MOST RESTRICTIVE

**TYPES OF CONSTRUCTION**

ALL: TYPE V-B (SPRINKLERED)

**BUILDING HEIGHTS AND AREAS**

ACTUAL  
 FIRST FLOOR: 8,370 SF GROSS (EXISTING)  
 2,385 SF GROSS (PROPOSED)  
 10,755 SF GROSS TOTAL

HEIGHT 29'-0" TOP OF PARAPET ROOF (EXISTING)

ALLOWED (2009 IBC TABLE 503)  
 A-3 6,000 SF PER FLOOR, 1 FLOOR MAX., 40' H. MAX.

**FRONTAGE INCREASE (2009 IBC 506.2)**

DISTANCES N: 278'-4", E: 26'-8", S: 135'-9" (CENTERLINE OF AMERICAN LEGION BLVD.), W: 52'-6"  
 P = 588'-4"  
 THEREFORE, If = (544/588 - .25)/(53/30)"  
 THEREFORE, If = .68 OR 68%  
 \*MAX OF 1

AUTOMATIC SPRINKLER INCREASE (2009 IBC 506.3 & 2009 IBC 504.2)  
 300% SQUARE FOOTAGE INCREASE FOR ONE STORY GREATER BUILDINGS  
 Is = 3

2009 IBC EQUATION 5-1  
 $A_a = A_t + (A_t \times I_f) + (A_t \times I_s)$   
 $A_a = 6,000 + (6,000 \times .68) + (6,000 \times 3)$   
 $A_a = 28,080$  SF

THEREFORE, 10,755 SF GROSS TOTAL < 28,080 SF ALLOWED

FIRE RESISTANCE RATINGS: (TYPE V-B, 2009 IBC TABLE 601 & 602)  
 STRUCTURAL FRAME: 0 HOUR  
 BEARING WALLS (EXTERIOR & INTERIOR): 0 HOUR  
 NON-BEARING WALLS, EXTERIOR: 0 HOUR  
 NON-BEARING WALLS, INTERIOR: 0 HOUR  
 FLOOR CONSTRUCTION: 0 HOUR  
 ROOF CONSTRUCTION: 0 HOUR

STANDPIPE SYSTEM: (2009 IBC 905.3) NOT REQUIRED.

FIRE ALARM SYSTEM HAS BEEN PROVIDED.

**OCCUPANT LOAD FACTORS: (2009 IBC TABLE 1004.1.1)**

OFFICE (BUSINESS AREAS): 1/100 GSF  
 CONFERENCE (ASSEMBLY W/O FIXED SEATS, UNCONCENTRATED): 1/15 NSF

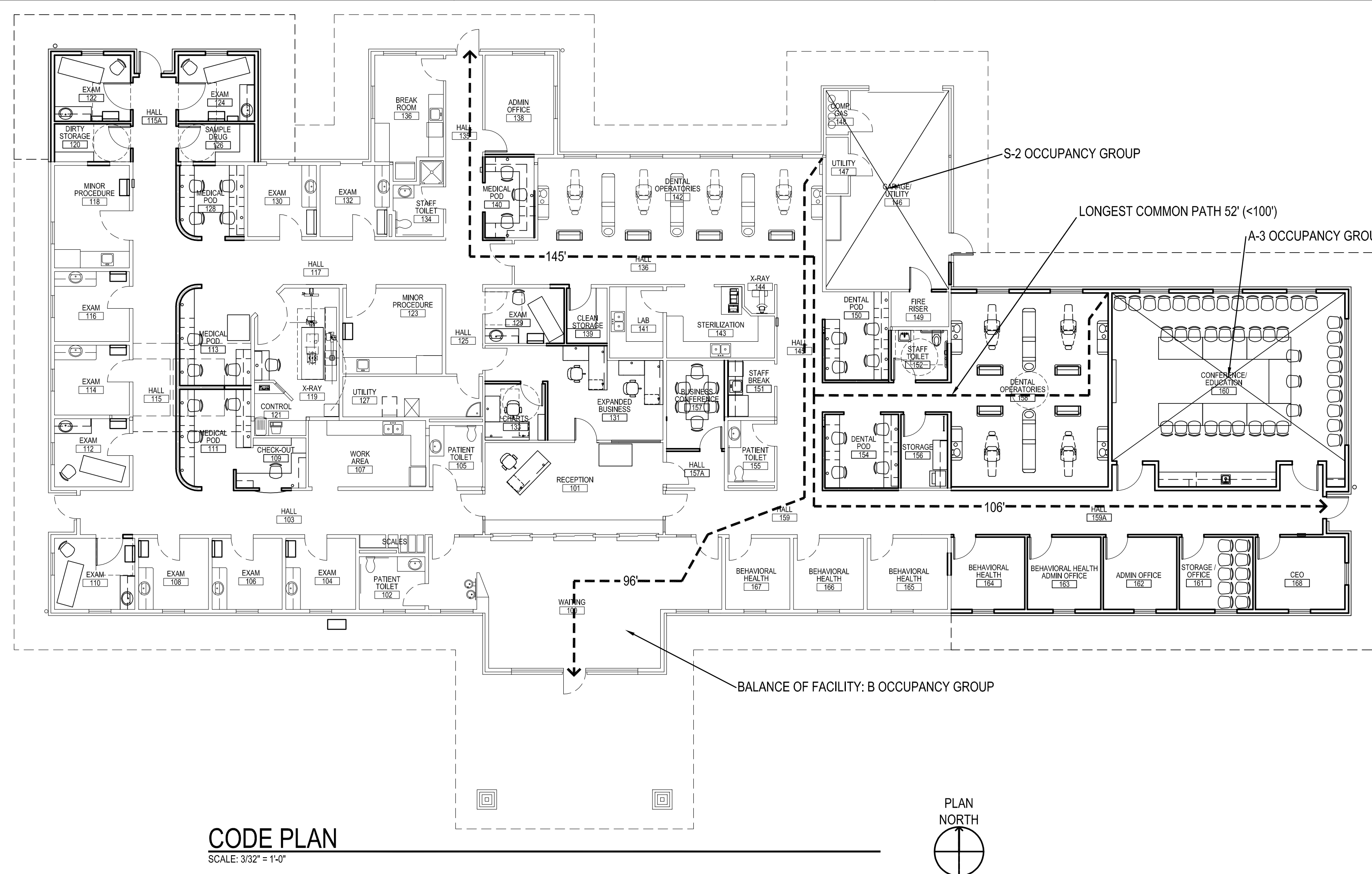
**EXIT ACCESS TRAVEL DISTANCE**

A OCCUPANCY 250' WITH SPRINKLER  
 B OCCUPANCY 300' WITH SPRINKLER

**HAZARDOUS MATERIALS**

EXISTING WITHIN FACILITY:  
 (2) 60 LBS OXYGEN (OXIDIZER 2)  
 (2) 60 LBS NITROUS OXIDE (OXIDIZER 2.2)  
 MAXIMUM ALLOWABLE PER CONTROL AREA 2009 IBC TABLE 307.1  
 OXIDIZERS (HAZARDOUS CLASSIFICATION 2): 250 LBS  
 EXCEPTION D ALLOWS 100% INCREASE DUE TO SPRINKLERS  
 THEREFORE 500 LBS MAX ALLOWABLE

PROPOSED WITHIN FACILITY  
 (4) 60 LBS OXYGEN (OXIDIZER 2)  
 (4) 60 LBS NITROUS OXIDE (OXIDIZER 2.2)  
 TOTAL 480 LBS



**CODE PLAN**

SCALE: 3/32" = 1'-0"



**COMcheck Software Version 3.9.1**  
**Envelope Compliance Certificate**

**2009 IECC**

**Section 1: Project Information**

Project Type: Addition  
 Project Title: Desert Sage Health Center  
 Construction Site: 2280 American Legion Boulevard, Mountain Home, ID 83847  
 Owner/Agent: [Blank]  
 Designer/Contractor: ZGA Architects & Planners, 408 E. Parkcenter Blvd., Suite 205, Boise, ID 83706

**Section 2: General Information**

Building Location (for weather data): Mountain Home, Idaho  
 Climate Zone: 5b  
 Building Type for Envelope Requirements: Non-Residential  
 Vertical Glazing / Wall Area Pct: 17%  
 Activity Type(s): Healthcare Clinic  
 Floor Area: 2799

**Section 3: Requirements Checklist**

Envelope PASSES: Design 4% better than code

**Climate-Specific Requirements:**

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(s)
Roof 1: Attic Roof with Wood Joists	2799	0.0	38.0	0.025	0.027
Basement Wall 1: Solid Concrete 3" Thickness, Medium Density, Furring: Wood, Wall Ht 2.5, Depth S.G. 2.0	555	19.0	0.0	0.062	0.108
Exterior Wall 1: Wood-Framed, 16" o.c.	777	21.0	0.0	0.062	0.064
Door 1: Glass (> 50% glazing) Metal Frame, Entrance Door, SHGC 0.71, PF 0.86	54	---	---	0.840	0.800
Exterior Wall 2: Wood-Framed, 16" o.c.	1221	21.0	7.5	0.040	0.064
Window 2: Metal Frame Curtain Wall-Storefront-Double Pane with Low-E, Clear, SHGC 0.71	365	---	---	0.280	0.450
Exterior Wall 3: Wood-Framed, 16" o.c.	333	21.0	17.5	0.028	0.064

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

**Air Leakage, Component Certification, and Vapor Retarder Requirements:**

- 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- 2. Windows, doors, and skylights certified as meeting leakage requirements.
- 3. Component R-values & U-factors labeled as certified.
- 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- 5. "Other" components have supporting documentation for proposed U-factors.
- 6. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- 7. Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.

- 8. Cargo doors and loading dock doors are weather sealed.
- 9. Recessed lighting fixtures installed in the building envelope are Type I/C rated as meeting ASTM E283, are sealed with gasket or caulk.
- 10. Building entrance doors have a vestibule equipped with self-closing devices.  
 Exceptions:  
 Building entrances with revolving doors.  
 Doors not intended to be used as a building entrance.  
 Doors that open directly from a space less than 3000 sq. ft. in area.  
 Doors used primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.  
 Doors opening directly from a sleeping/dwelling unit.

**Section 4: Compliance Statement**

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2009 IECC requirements in COMcheck Version 3.9.1 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title: LANCE FISH, AIA  
 Signature: [Signature]  
 Date: 14 DEC 2012

REVISIONS



**ZGA ARCHITECTS & PLANNERS, CHARTERED**  
 408 E. Parkcenter Blvd., Suite 205 | Boise, Idaho 83706  
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**DESERT SAGE HEALTH CENTER**  
**ADDITION AND REMODEL**  
 MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET: **G-002**  
 CODE COMPLIANCE ENERGY COMPLIANCE

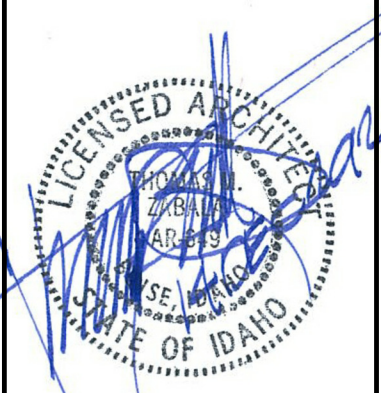
**GENERAL SHEET NOTES**

A. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL PHASING INFORMATION.

**SHEET KEYNOTES**

1. CONTRACTOR STAGING AREA.
2. CONTRACTOR STAGING AREA ACCESS.
3. REAR TEMPORARY PARKING. COORDINATE WITH OWNER.
4. FRONT TEMPORARY PARKING. COORDINATE WITH OWNER.
5. KEEP AREA OPEN FOR BUSINESS TRAFFIC. NO PARKING.

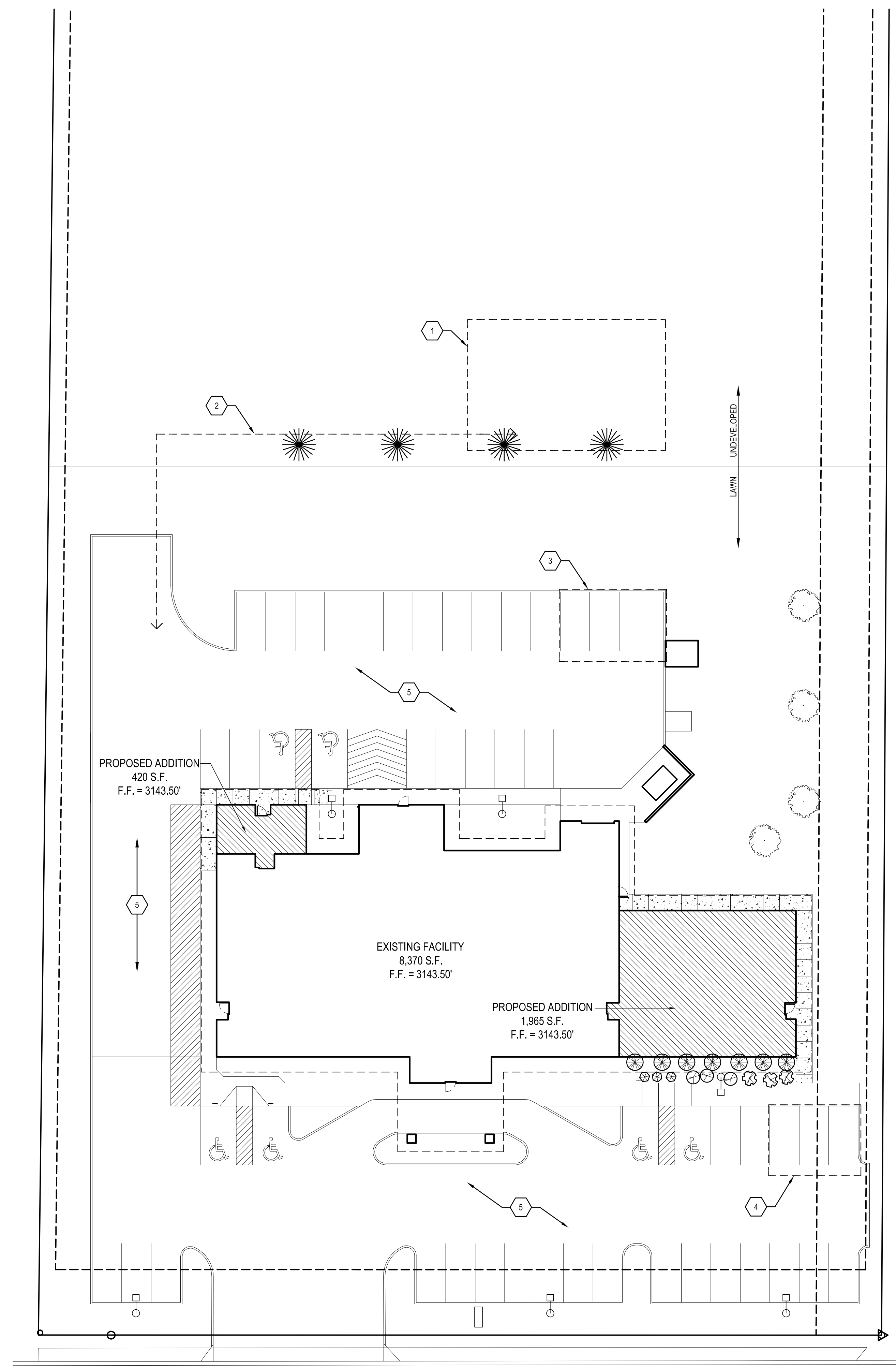
REVISIONS



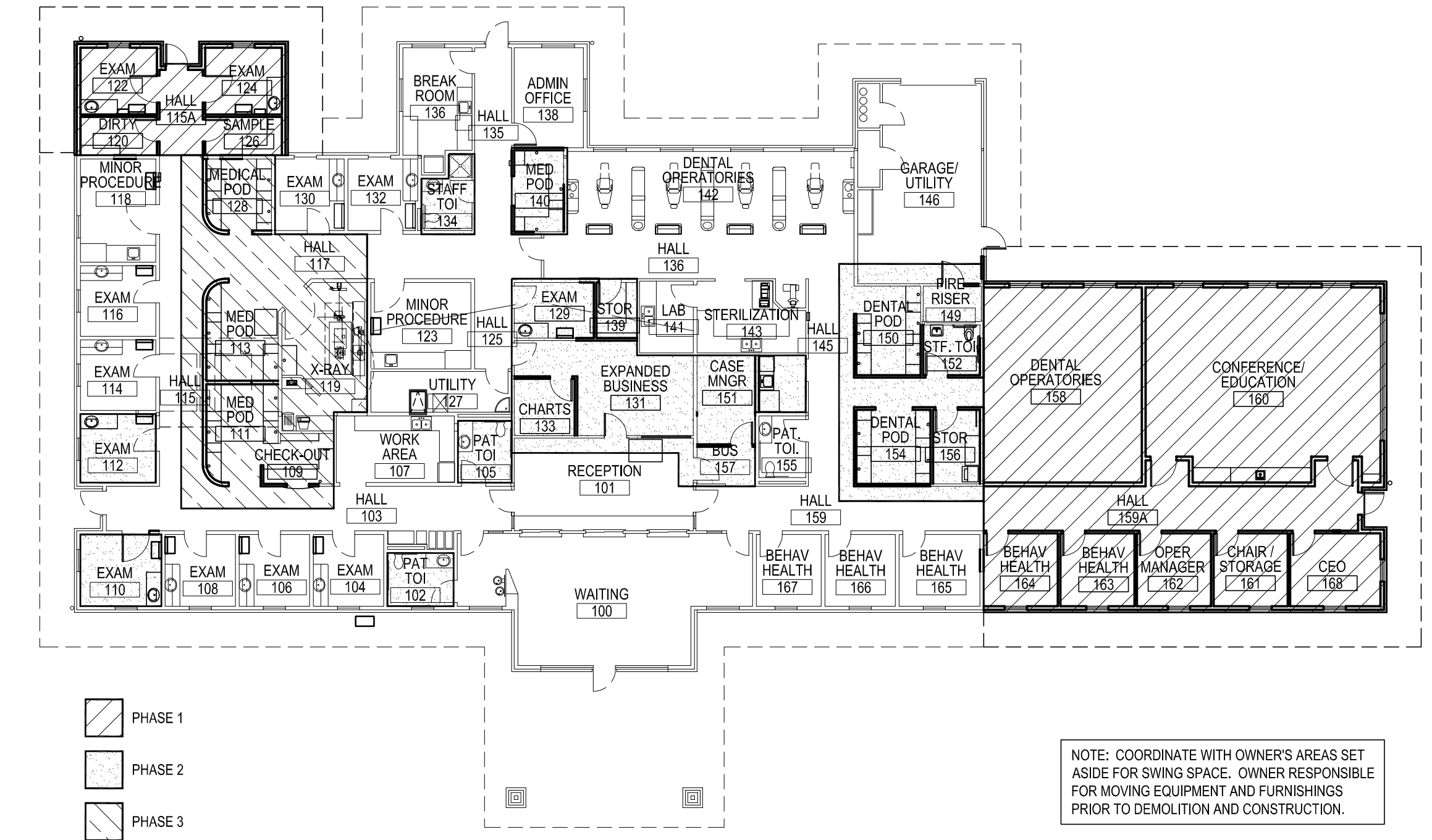
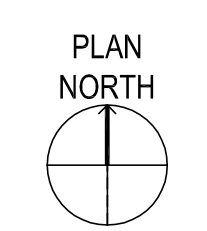
**ZGA**  
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**DESERT SAGE HEALTH CENTER  
 ADDITION AND REMODEL**  
 MOUNTAIN HOME, IDAHO

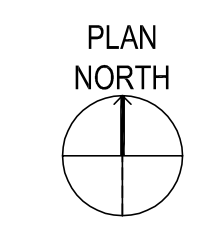
DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET:  
**G-003**  
 PHASING &  
 STAGING PLAN



**A1 STAGING PLAN**  
 SCALE: 1"=20'-0"



**A3 PHASING PLAN**  
 SCALE: 1/16"= 1'-0"



**GENERAL STRUCTURAL NOTES**

**DESIGN CRITERIA:**

1. Used 2009 International Building Code
2. Design Loads:
  - Roof dead load = 30 psf
  - Floor dead load = 15 psf
  - Floor live load = 50 psf
  - Corridor live load = 100 psf
3. Snow Load = 30 psf  
Pg = 20, Pf = 14, Ce = 1.0, I = 1.0, Ct = 1.0
4. Seismic
  - le = 1.0 (Occupancy Category II)
  - Ss = 0.272, S1 = 0.092
  - Site Class D
  - SDS = 0.287, SD1 = 0.148
  - Seismic design category C
  - Seismic force resisting system: Wood shear walls
  - R = 6.5
  - Cs = 0.0442
  - Design base shear = 0.0309\*W
  - Analysis Procedure: Equivalent lateral force
5. Wind:
  - Basic wind speed = 90 mph
  - I = 1.0 (Occupancy Category II)
  - Exposure C
  - Internal Pressure Coefficient = (± 0.18)

**FOUNDATIONS:**

1. Allowable foundation soil bearing pressure used = 3000 psf (per existing building structural drawings and geotechnical engineering prepared by MTI (Jan 28, 2003)
2. Footings to bear on undisturbed native soil or engineered fill compacted to 95% density (ASTM D1557).

**CONCRETE:**

1. Mix design shall be established in accordance to Chapter 5 of ACI 318.
2. Minimum cement content = 500#/cubic yd.
3. Maximum water/cement ratio = 0.50 @ footings, stem walls and interior slabs.
4. Entrained air = 5% (±1/2%) for all concrete exposed to freezing (foundation walls, etc.)
5. Maximum slump = 4"
6. 28 day strength f' = 3500 psi @ footings, stem walls and interior slabs (2500 psi used for structural design)
7. Concrete reinforcement ASTM 615, grade 60
8. Minimum rebar lap = 40 bar diameters
9. Minimum concrete cover over reinforcement:
  - Concrete cast against earth. . . . . 3"
  - Concrete exposed to earth or weather. . . . . 1 1/2"
  - Concrete not exposed to earth or weather. . . . . 3/4"
10. No special inspection required per IBC section 1704.4 exception 2.3
11. All post-installed anchors to be Simpson SET-XP or approved equivalent.
12. Provide special inspection at all epoxy-installed anchors.
13. Provide corner bars at all wall and footing corners and intersections.

**STRUCTURAL AND MISCELLANEOUS STEEL:**

1. All steel work shall conform with AISC specifications.
2. Plates and shapes: ASTM A36
3. Bolts: ASTM A307 for connections to wood or concrete.
4. Provide special inspection to meet requirements of IBC section 1704.3

**LUMBER:**

1. Sawn lumber for studs, roof joists, etc. (2x6 or larger) = Doug Fir Larch No. 2
2. 2x4s = Douglas Fir Larch Construction Grade.
3. Preservative-treated wood:
  - Preservative-treated wood shall be treated with Zinc Borate or non-ammonia ACQ
  - Fasteners into preservative-treated wood shall be of hot dipped zinc-coated galvanized steel in accordance with ASTM A153 (ASTM A 653, type G185 or better). See IBC 2304.9.5.
  - Wood framing members that rest on exterior foundation walls are less than 8" from exposed earth shall be preservative-treated wood (per IBC 2304.11.2.2).
4. Nailing to follow IBC table 2304.9.1 unless otherwise noted.
5. Nails shall meet requirements in ASTM F1687.
6. All nails are to be as follows unless otherwise noted: .131x3".
7. For connections of "Simpson" hardware or equivalent, nail per manufacturer's requirements. Do not substitute Tecco or hanger nails (.148x1 1/2") for Simpson required nails unless specifically noted on plans and details.
8. Pre-manufactured Trusses:
  - a. Truss manufacturer shall provide proof of approved third-party inspection as required by IBC.
  - b. Truss fabricator shall contact Call Engineering for a teleconferenced pre-designed meeting prior to submitting truss shop drawings
  - c. Provide shop drawings including the following in addition to requirements of IBC 2303.4.1: Truss placement plan including locations for truss-to-truss connections.
  - d. Truss loading, individual truss drawings and calculations to be stamped by Professional Engineer registered in the State of Idaho.
  - e. Truss plates shall extend 2" minimum onto each member involved in a joint.
  - f. Design trusses for uniform and unbalanced snow loads according to ASCE7-05 section 7.6
  - g. Design trusses for 20 psf uniform top chord dead load and 10 psf uniform bottom dead load.
  - h. Design trusses for wind loads per ASCE 7-05, components & cladding. Dead load for use with wind load cases is 12 psf.
  - i. Top chord of trusses shall be 2x6 minimum.
  - j. Design trusses for a 380# point load occurring at any location along the bottom chord non-concurrent with snow load.
  - k. Truss design to allow for a 1/4" wood screw to be installed at any location in the truss bottom chord.
  - l. Maximum truss panel lengths to be 10' at top chord & bottom chord.
  - m. Each chord member shall cross at least (2) panel joints before being spliced.
  - n. Drag strut trusses shall be designed for drag load indicated. Nail roof sheathing with panel edge nailing along each ply.
  - o. Provide 2x T-brace per detail 7/S-502 at each web member where web bracing is indicated on truss manufacturers' drawings. Alternate braced details including continuous lateral bracing and associated restraints may be submitted for approval by structural engineer.
  - p. Provide permanent horizontal bracing at truss bottom chord per truss manufacturer's drawings where gypsum sheathing is not installed directly to truss bottom chord. See detail 3/S-502.
  - q. Truss design to be submitted to Building Department as a deferral submittal if required.
  - r. Truss repairs shall be stamped by a Professional Engineer and submitted to Call Engineering for review prior to repairing any truss.
9. Blocking panels with shaped top chord are required at all spaces between trusses. Where spacing is nonstandard, blocking may consist of wall sheathing with 2x4 at all edges nailed @ 4" oc. Attachment to adjacent trusses/framing to match typical truss blocking.
10. Glu-lam beams:
  - Simple span beams - combination 24F-V4 DF/DF
  - Cantilevered or continuous span beams - combination 24F-V8 DF/DF
  - Install with top side up.
  - Provide glulam shop drawings indicating sizes, camber, species, stress lamination layout & appearance grade.
  - Shave edges of glulam beams at saddles and connections to provide full bearing at flat surface.
11. LVL members to be iLevel Microllam (1.9E) or approved equivalent.
12. LSL members to be iLevel timber strand or approved equivalent.
13. Joists to be iLevel or approved equivalent.
14. Provide joist blocking at 3'-6" on center at each joist bay at roof joists.
15. Where nailed connections of 2x material are not shown, provide (2) nails minimum at each connection.
16. "H-clips" at roof sheathing are not required but may be used at contractor's option for proper sheathing installation

**MISCELLANEOUS**

1. Refer to Architectural drawings for wall openings, architectural treatment and dimensions not shown.
2. Refer to Mechanical and Electrical drawings for size and location of duct openings, piping, conduits, etc. not shown.
3. Submit all required shop drawings and receive their satisfactory review from the Structural Engineer prior to fabrication.
4. Provide temporary erection bracing and shoring as required for stability of structure during all phases of construction.
5. Additional requirements to meet OSHA or other construction criteria which may exceed requirements indicated in construction documents are the responsibility of the contractor.
6. Verify all dimensions and existing conditions prior to starting work and notify Architect immediately of any discrepancies.
7. Details are typical and apply at similar conditions throughout.

**IBC Table 2304.9.1**

Joist to sill or girder	toenail	3 - 3" x 0.131" nails
Bridging to joist	toenail each end	2 - 3" x 0.131" nails
Sole plate to joist or blocking	typical face nail	3" x 0.131" nail @ 8" oc
Sole plate to joist or blocking at braced wall panel	braced wall panels	4 - 3" x 0.131" nail @ 16"
Top plate to stud	end nail	3 - 3" x 0.131" nails
Stud to sole plate	toe nail	4 - 3" x 0.131" nails
	end nail	3 - 3" x 0.131" nails
Double studs	face nail	3" x 0.131" nail @ 8" oc
Double top plates	typical face nail	3" x 0.131" nail @ 12" oc
Double top plates	lap splice	12 - 3" x 0.131" nails
Blocking between joists or rafters to top plate	toenail	3 - 3" x 0.131" nails
Rim joist to top plate	toenail	3" x 0.131" nail @ 6" oc
Top plates, laps and intersections	face nail	3 - 3" x 0.131" nails
Ceiling joists to plate	toenail	5 - 3" x 0.131" nails
Ceiling joists, laps over partitions (see Section 2308.10.4.1, Table 2308.10.4.1)	face nail	4 - 3" x 0.131" nails
Ceiling joists to parallel rafters (see Section 2308.10.4.1, Table 2308.10.4.1)	face nail	4 - 3" x 0.131" nails
Rafter to plate (see Section 2308.10.1, Table 2308.10.1)	toenail	3 - 3" x 0.131" nails
1" diagonal brace to each stud and plate	face nail	2 - 3" x 0.131" nails
Built-up corner studs	16" oc	3" x 0.131" nails
Built-up girder and beams	face nail at top and bottom staggered on opposite sides	3" x 0.131" nail @ 24" oc
	face nail at ends and at each splice	3 - 3" x 0.131" nails
Collar tie to rafter	face nail	4 - 3" x 0.131" nails
Jack rafter to hip	toenail	4 - 3" x 0.131" nails
	face nail	3 - 3" x 0.131" nails
Roof rafter to 2-by ridge beam	toenail	3 - 3" x 0.131" nails
	face nail	3 - 3" x 0.131" nails
Joist to band joist	face nail	5 - 3" x 0.131" nails
Ledger strip	face nail	4 - 3" x 0.131" nails

Note: Nailing shall follow this table unless noted otherwise.

**SHEATHING SCHEDULE**

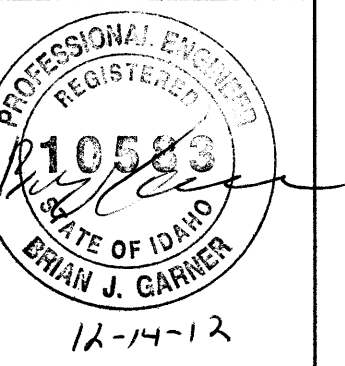
LOCATION	SHEATHING	EDGE NAILING	REMARKS
ROOF	5/8" (NOMINAL) 32/16 APA SPAN RATING (MIN)	6" OC	NAIL TO TRUSS BLKG @ 6" OC NAIL TO DRAG TRUSSES @ 6" OC EA PLY
WALL	1/2" (NOMINAL) 24/16 APA SPAN RATING	6" OC	
FLOOR	1 1/8" (NOMINAL) 60/32 APA SPAN RATING	6" OC	

**NOTES:**

1. NAIL SHEATHING WITH .131" x 3" NAILS UNLESS NOTED OTHERWISE.
2. AT ROOF SHEATHING PANELS WHICH ARE LESS THAN FULL 4' x 8' SIZE BLOCK ALL PANEL EDGES.
3. ALL PANEL FIELD NAILING SHALL BE @ 12" OC MAX.
4. ORIENT ROOF SHEATHING w/8" LENGTH PERPENDICULAR TO SUPPORTING MEMBERS @ ROOF SHEATHING. ORIENT WALL SHEATHING w/8" LENGTH PARALLEL TO WALL STUDS.
5. MINIMUM SHEATHING PANEL DIMENSION SHALL BE 24" UNLESS ALL EDGES OF THE UNDERSIZED SHEETS ARE SUPPORTED BY AND FASTENED TO FRAMING MEMBERS OR BLOCKING.
6. SHEATHING TO EXTEND ABOVE AND BELOW WALL OPENINGS @ SHEAR WALLS.
7. ∇ DENOTES SHEATHING SIDE OF WALL AT INTERIOR WALLS.
8. SHEATHING @ SHEAR WALLS TO EXTEND CONTINUOUS THROUGH INTERSECTING WALLS.
9. BLOCK ALL PANEL EDGES AT ALL WALL SHEATHING.
10. EXTEND WALL SHEATHING FULL HEIGHT OF WALL FROM BOTTOM R TO TOP OF TOP R UNO.
11. WALL SHEATHING SHALL BE HELD OFF CONCRETE STEM WALL 1/8".
12. USE OF 'H' CLIPS TO PROVIDE CORRECT PANEL SPACING IS ACCEPTABLE BUT NOT REQUIRED.
13. NAIL WALL SHEATHING TO TOP 2x6 TOP PLATE & SOLE PLATE WITH (2) ROWS EDGE NAILING. SPACE ROWS 1/2" & STAGGER NAILS.
14. DO NOT INSTALL EDGE NAILING BENEATH STRAPS PRIOR TO INSTALLING STRAPS OVER SHEATHING.

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**DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO**

DATE: 12/14/12

PROJECT NO: 1226.00

SHEET:

**S-001**

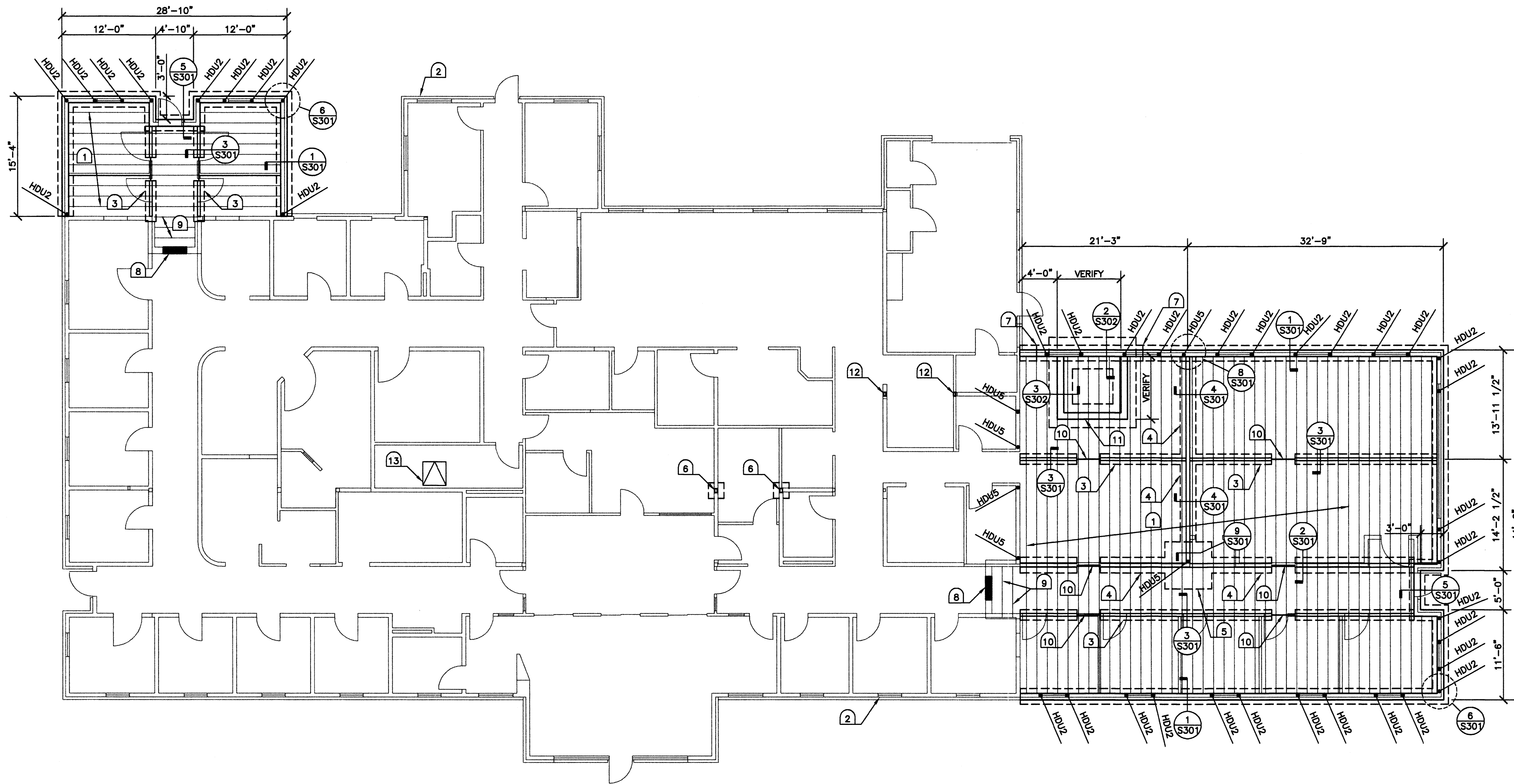
GENERAL STRUCTURAL NOTES

**NOTES**

1. COORDINATE FLOOR JOIST LAYOUT w/MECHANICAL DUCTS, PLUMBING FIXTURES, ETC. DO NOT CUT FLOOR JOISTS TO ALLOW FOR MECHANICAL OR PLUMBING
2. DIMENSIONS ARE TO FACE OF CONCRETE OR  $\phi$  OF FOOTING UNLESS NOTED OTHERWISE
3. SEE DET 7/S-301 FOR HOLDOWN ANCHOR BOLT SIZE & EMBED
4. CRAWL SPACE SHALL HAVE 2" NON-STRUCTURAL SLAB ON GRADE TO MATCH EXISTING. PROVIDE COLD JOINTS AND/OR SAW CUT JOINTS AS REQUIRED TO MINIMIZE CRACKING

**KEYNOTES**

- 1 11 7/8" TJI 210 @ 16" ON CENTER TYPICAL FLOOR JOIST UNLESS NOTED OTHERWISE. SEE SHEET NOTE 1 ABOVE
- 2 EXISTING BUILDING
- 3 16" X 12" THICK STRIP FOOTING w/ 2x4 PONY WALL AT INTERMEDIATE FLOOR BEARING
- 4 24" X 12" THICK STRIP FOOTING w/ 2x6 PONY WALL AT STRUCTURAL WALLS
- 5 6'-0" X 6'-0" X 2'-0" DEEP FOOTING w/#5 @ 8" OC TOP & BOT EACH WAY. SEE 9/S-301
- 6 BLOCK SOLID BELOW STUD COLUMN ABOVE. FOOTING @ POINT LOAD TO BE 2'-0" X 2'-0" X 1'-0" DEEP. REMOVE EXISTING FOOTING & SLAB AS REQUIRED @ FOOTING
- 7 FOOTING STEP. SEE 1/S-302
- 8 PROVIDE 3'-0" OPENING IN EXISTING STEM WALL & FOOTING FOR CRAWL SPACE ACCESS ADD FLOOR JOIST AS REQUIRED ACROSS OPENING. FOUR 2" SLAB CONTINUOUS THROUGH OPENING.
- 9 ADD FLOOR JOISTS PER KEYNOTE 1 THIS PAGE & PONY WALL SUPPORT SIMILAR TO 1/S-301 @ EXISTING FOOTING
- 10 CRAWL SPACE ACCESS. 3'-0" CLEARANCE @ FOOTING & 4'-0" CLEARANCE @ PONY WALL. SEE DETAIL 4/S-302
- 11 FIRE RISER PIT @ BOTTOM OF CRAWL SPACE. SEE DETAILS 2 & 3/S-302
- 12 BUILT-UP STUD POST ABOVE. PROVIDE SOLID BEARING TO EXISTING CONCRETE STEM WALL
- 13 EXISTING CRAWL SPACE ACCESS



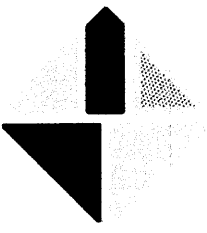
**FOUNDATION PLAN**

Scale: 1/8" = 1'-0"



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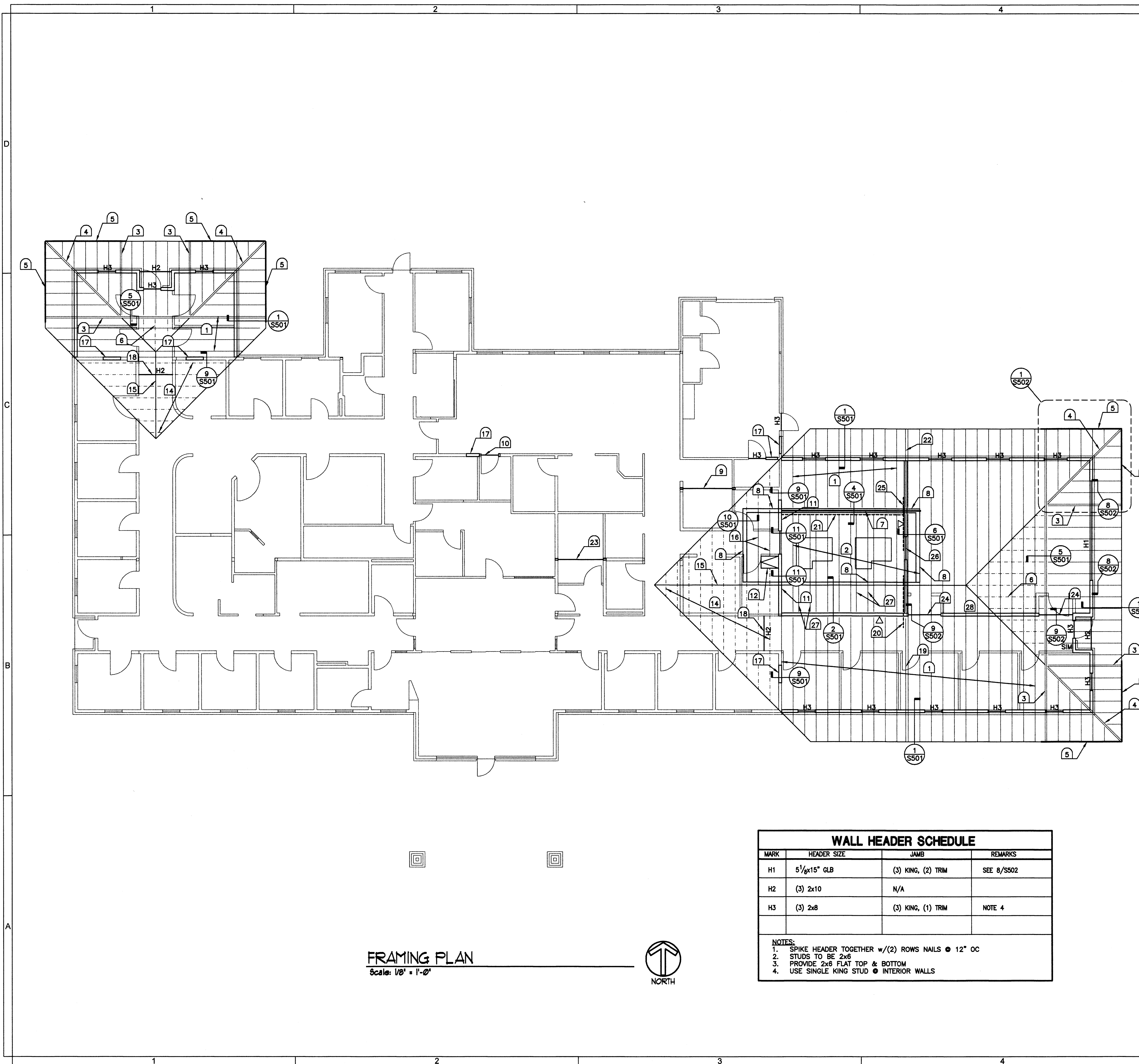
DATE: 12/14/12

PROJECT NO: 1226.00

SHEET:

**S-101**

FOUNDATION PLAN



**FRAMING PLAN**  
Scale: 1/8" = 1'-0"



WALL HEADER SCHEDULE			
MARK	HEADER SIZE	JAMB	REMARKS
H1	5 1/2"x15" GLB	(3) KING, (2) TRIM	SEE 8/S502
H2	(3) 2x10	N/A	
H3	(3) 2x8	(3) KING, (1) TRIM	NOTE 4

**NOTES:**  
 1. SPIKE HEADER TOGETHER w/(2) ROWS NAILS @ 12" OC  
 2. STUDS TO BE 2x6  
 3. PROVIDE 2x6 FLAT TOP & BOTTOM  
 4. USE SINGLE KING STUD @ INTERIOR WALLS

**NOTES**

- DARK WALLS SHOWN ON THIS SHEET ARE SHEAR WALLS TYPE 1 UNLESS NOTED OTHERWISE. SEE S-001 FOR SHEATHING SCHEDULE
- SEE DETAILS 5 & 6/S-502 FOR MECHANICAL & OTHER ATTACHMENTS TO TRUSSES. DO NOT CUT, DRILL OR OTHERWISE MODIFY WOOD TRUSSES OR JOISTS
- FRAME INTERIOR NON-STRUCTURAL WALLS WITH 3/4" GAP BETWEEN TOP OF WALL & BOTTOM OF STRUCTURE. SEE 4/S-502. INTERIOR NON-STRUCTURAL WALLS ARE SHOWN LIGHT GREY
- DARK STUD WALLS SHOWN ON THIS SHEET ARE TO BE 2x6 @ 16" ON CENTER UNLESS NOTED OTHERWISE.
- SEE ARCHITECTURAL FOR OVERHANG & SOFFIT DIMENSIONS
- DO NOT ATTACH FIRE SPRINKLER SEISMIC BRACING TO ROOF TRUSSES w/THRU BOLTS. THRU-BOLTS SHALL BE ATTACHED TO BLOCKING. SEE DET 6/S-502
- BEAMS SHALL HAVE (2) 2x6 BEARING STUDS MINIMUM UNO. BLOCK SOLID TO CONCRETE FLOOR BELOW

**KEYNOTES**

- WOOD ROOF TRUSSES @ 24" ON CENTER TYPICAL ROOF MEMBER UNLESS NOTED OTHERWISE
- 1 1/2" TJI 360 @ 24" ON CENTER ROOF JOIST @ MECHANICAL WELL. ALLOW FOR MECHANICAL DUCTS PER KEYNOTE 27
- GIRDER TRUSS
- CORNER GIRDER TRUSS ((2)-PLY)
- 1 3/4" x 9 1/4" x 14'-0" CONTINUOUS STRUCTURAL FASCIA TYPICAL AT HIP CORNERS.
- 2x4 FLAT @ 24" ON CENTER. SEE DETAIL 5/S-501. DRAG TRUSS
- 5 1/8" x 18" GLB @ MECHANICAL WELL. PROVIDE (3) STUDS MIN BEARING EA END. ATTACH EACH END TO WALL w/SIMPSON MTS30C
- MECHANICAL WELL PARAPET WALL
- 5 1/8" x 12" GLB AT DEMOLISHED WALL. PROVIDE (3) BEARING STUDS w/FULL HEIGHT STUD EACH FACE EA END. ATTACH FULL HEIGHT STUD TO EACH FACE OF GLB w/(6) NAILS. ATTACH EACH TRUSS TO BEAM WITH SIMPSON H2.5A
- WALL INFILL AND HEADER AT DEMOLISHED WALL
- WALL INFILL AND HEADER AT DEMOLISHED EXTERIOR WALL. EXISTING BEAM TO REMAIN IN PLACE. FRAME WALL 2x6 @ 16" OC TO BOTTOM OF EXISTING BEAM & PROVIDE HEADER H1 @ NEW OPENING. NAIL PER KEYNOTE 17
- ROOF ACCESS. REMOVE EXISTING JACK TRUSSES AT OPENING AND REPLACE WITH TRUSS GIRDERS EACH SIDE OF OPENING. LADDER FRAME BETWEEN GIRDER TRUSSES WITH 2x6 @ 24" OC AT TRUSS TOP CHORD AND 2x4 @ 16" OC AT TRUSS BOTTOM CHORD. ATTACH EACH END OF LADDER FRAME JOISTS WITH SIMPSON LU24.
- NOT USED
- 2x4 @ 24" OC OVERBUILD RAFTERS w/POSTS @ 48" OC. SEE DETAILS 7 & 8/S-501
- 1x6 RIDGE BOARD
- 2x STRIPPING @ 24" OC RIPPED TO REQUIRED DEPTH. SEE 11/S-501
- 2x6 @ 16" OC INFILL WALL. NAIL 2x6 TO EXISTING WALL. HEADER/SILL w/(3) TOE NAILS EA STUD. NAIL 2x6 @ EDGE OF OPENING TO EXISTING JAMB STUDS w/(2) ROWS NAILS @ 12" OC STAGGERED
- SUPPORT EXISTING TRUSSES w/HEADER H2 ACROSS CORRIDOR @ LOCATION OF WALL TO BE DEMOLISHED
- DRAG TRUSS. DESIGN FOR 1700 DRAG LOAD APPLIED ALONG TOP & RESISTED @ INSIDE BEARING. ALIGN w/FACE OF SHEATHING @ SHEAR WALL TO ALLOW STRAP. SEE KEYNOTE 20
- SIMPSON CS16 x 8'-0". EXTEND 2'-0" ONTO DRAG TRUSS BOTTOM CHORD & 6'-8" ONTO WALL SHEATHING. PROVIDE 2x6 BLKG @ STRAP BEHIND SHEATHING. NAIL EVERY OTHER HOLE. USE 0.131x3" NAILS.
- SIMPSON CS16xCOANT STRAP. SEE ITEM 14 ON DETAIL 4/S-501
- DRAG TRUSS. DESIGN FOR 1200# DRAG LOAD. ALIGN w/TOP OF WALL. ATTACH TO TOP OF WALL PLATE w/A35 @ 48" OC
- 1 3/4"x7 1/2" LVL BEAM @ DEMOLISHED WALL. PROVIDE (4) 2x6 BEARING STUDS w/2x6 STUD FULL HEIGHT EACH FACE OF BUILT-UP BEAM. ATTACH FULL HEIGHT STUDS TO EACH FACE OF BEAM w/(6) NAILS. ATTACH BEAMS TOGETHER w/(2) ROWS NAILS @ 12" OC STAGGERED. ATTACH EACH EXISTING TRUSS TO BEAM WITH SIMPSON H2.5A
- 5 1/2"x12" GLULAM BEAM. BOTTOM OF BEAM @ TOP OF WALL. SEE 9/S-502
- SIMPSON CS16x8'-0" HORIZONTAL DRAG STRAP @ WALL STEP. SHEAR WALL TOP PLATE TO HIGH WALL. EXTEND 2'-0" ONTO WALL TOP PLATE & 4'-0" ONTO HIGH WALL. PROVIDE 2x6 BLKG IN STUD BAYS BEHIND STRAP. INSTALL STRAP OVER WALL SHEATHING. NAIL EVERY OTHER HOLE. USE 0.131x3" NAILS
- PROVIDE HEADER H3 @ MECHANICAL DUCT. MAX SPAN IS 4'-0". PROVIDE SIMPSON CS16x12'-0" ABOVE & BELOW OPENING. EXTEND 4'-0" EACH SIDE OF OPENING. PROVIDE 2x6 BLOCKING & STRAP WHERE HEADER OR SILL DO NOT OCCUR BEHIND STRAP. INSTALL OVER WALL SHEATHING. NAIL EVERY OTHER HOLE. USE 0.131x3" NAILS. CENTER IN MECHANICAL WELL. COORDINATE ELEVATION w/ARCH & MECHANICAL
- COORDINATE ROOF JOIST PLACEMENT @ MECHANICAL RTU 22" DUCT DROPDOWNS. ADD JOIST & MOVE OFF LAYOUT AS REQUIRED. PROVIDE CRIPPLE BEARING STUDS @ JOISTS THAT DO NOT ALIGN w/ ROOF TRUSSES. SEE DET 2/S-501
- ATTACH EACH TRUSS TO INTERIOR BEARING WALL w/SIMPSON H1 ALONG THIS WALL (UNO)

REVISIONS

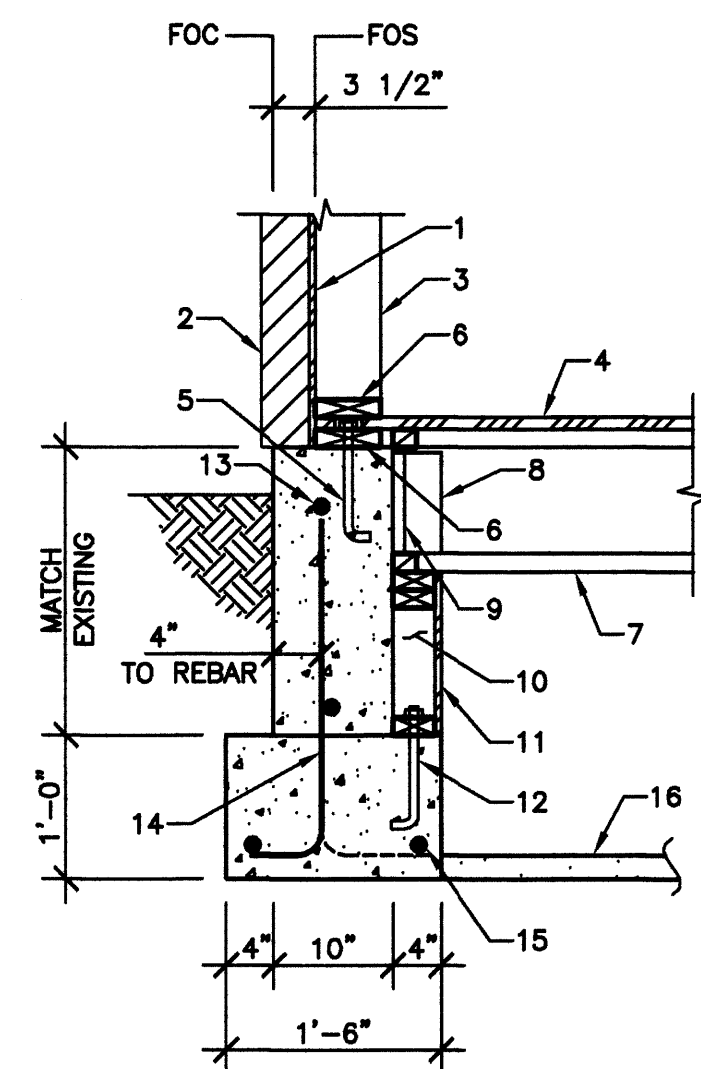
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DATE: 12/14/12  
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SHEET:  
**S-102**  
FRAMING PLAN

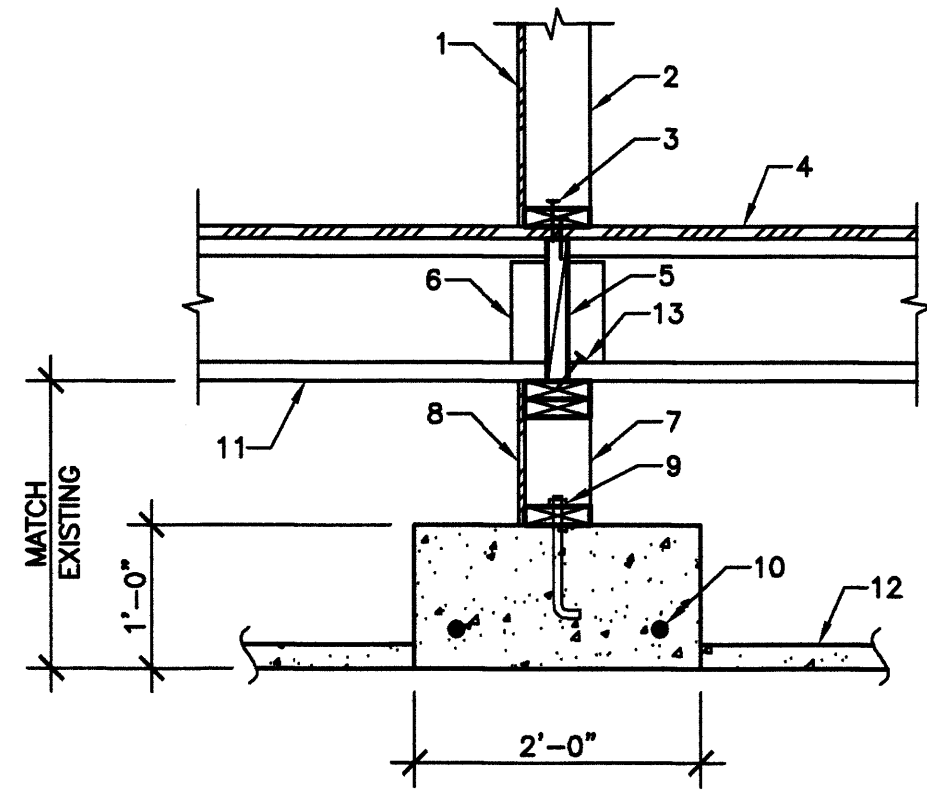


1. WALL SHEATHING
2. VENEER
3. 2x6 @ 16" OC TYP STUD WALL UNO
4. FLOOR SHEATHING NOTCH @ TYP ANCHOR
5. 5/8"x10" AB @ 48" OC
6. 2x6 PLATE
7. FLOOR JOIST
8. WEB STIFF EA FACE
9. JOIST BLKG
10. 2x4 @ 16" OC PONY WALL
11. WALL SHEATHING 4'-0" WIDE @ 20'-0" ON CENTER
12. 1/2"x10" AB @ 6'-0" OC
13. #5 HORIZ TOP & BOT
14. #4xL @ 18" OC ALT LEG
15. (2) #5 HORIZ @ FTG
16. 2" NON-STRUCTURAL CONC SLAB ON GRADE

NOTE:  
EXTEND PONY WALL TO BOTTOM OF FLOOR DECK WHERE FLOOR JOISTS ARE PARALLEL TO WALL

### 1 TYPICAL EXTERIOR FOOTING

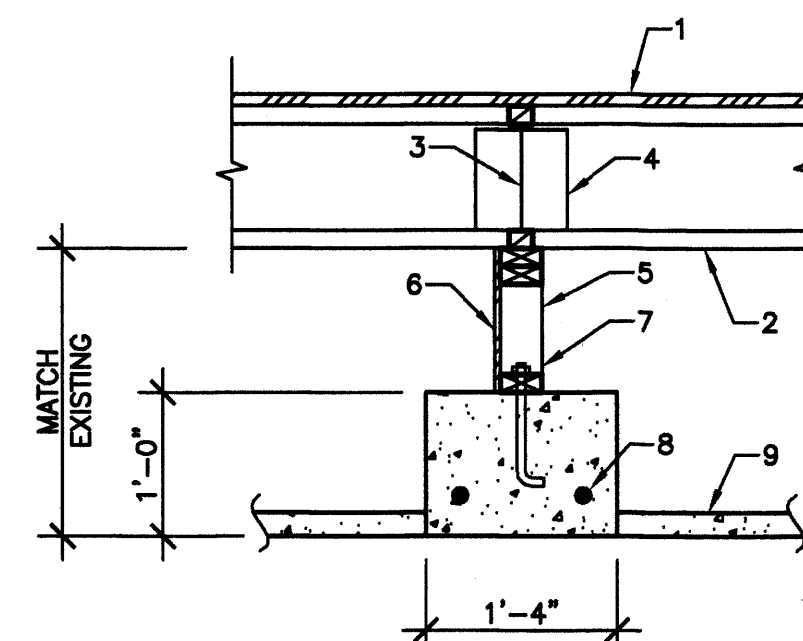
SCALE: 3/4" = 1'-0"



1. WALL SHEATHING
2. 2x6 @ 16" OC STUD WALL
3. NAIL FLOOR SHEATHING TO BLKG w/EDGE NAILING, NAIL WALL SOLE PLATE TO FLOOR @ 6" OC
4. FLOOR SHEATHING
5. 1 1/4"x11 1/8" LVL BLKG EA JOIST BAY
6. WEB STIFF EA FACE
7. 2x6 @ 16" OC PONY WALL BLOCK SOLID BELOW BRG STUDS OF BEAMS & HEADERS ABOVE
8. WALL SHEATHING 4'-0" WIDE @ 20'-0" ON CENTER
9. 1/2"x10" AB @ 4'-0" OC
10. (2) #5 HORIZ @ FTG
11. FLOOR JOIST
12. 2" CONC SLAB ON GRADE
13. (3) TOE NAILS EA BLOCK TO PLATE

### 2 INTERIOR BEARING WALL FOOTING

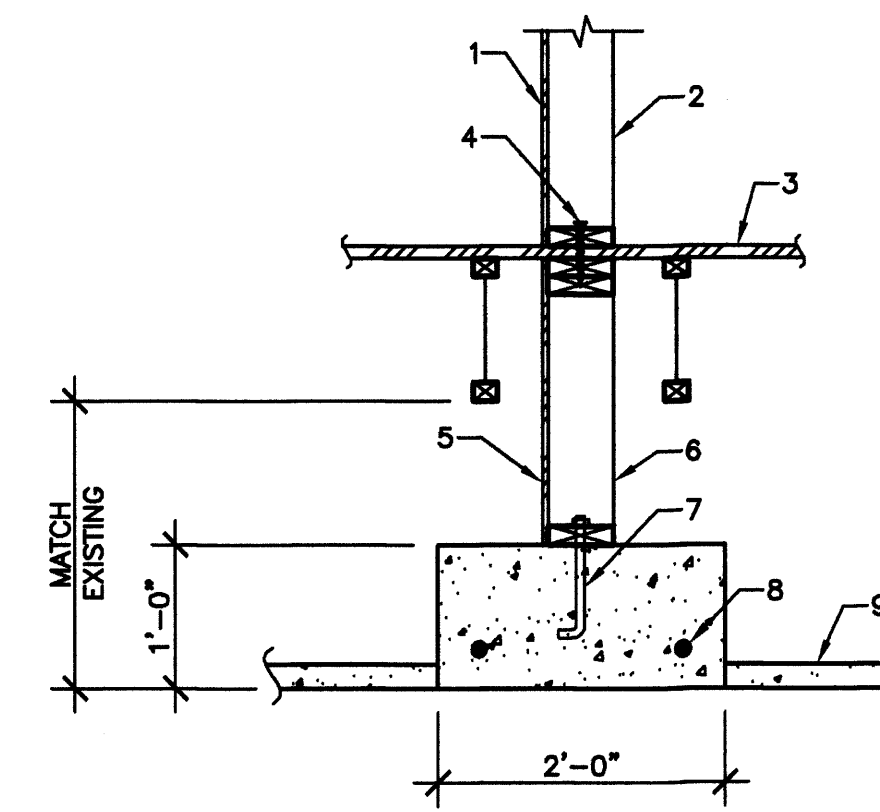
SCALE: 3/4" = 1'-0"



1. FLOOR SHEATHING
2. FLOOR JOIST
3. JOIST BLKG
4. WEB STIFF EA FACE
5. 2x4 @ 16" OC PONY WALL
6. WALL SHEATHING 4'-0" WIDE @ 20'-0" ON CENTER
7. 1/2"x10" AB @ 6'-0" OC
8. (2) #4 HORIZ @ FTG
9. 2" CONC SLAB ON GRADE

### 3 FLOOR JOIST BEARING

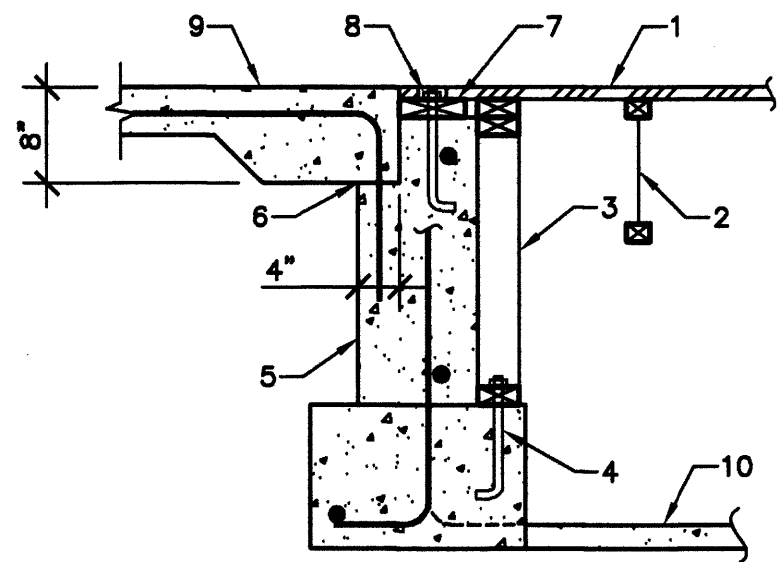
SCALE: 3/4" = 1'-0"



1. WALL SHEATHING
2. 2x6 @ 16" OC STUD WALL
3. FLOOR SHEATHING
4. SIMPSON SDS 1/4"x5" WOOD SCREW @ 16" OC SOLE PLATE THROUGH FLOOR SHEATHING
5. WALL SHEATHING CONT ALONG PONY WALL
6. 2x6 @ 16" OC PONY WALL TO UNDERSIDE OF FLOOR
7. 1/2"x10" AB @ 4'-0" OC
8. (2) #5 HORIZ @ FTG
9. 2" CONC SLAB ON GRADE

### 4 SHEAR WALL PARALLEL TO FLOOR JOISTS

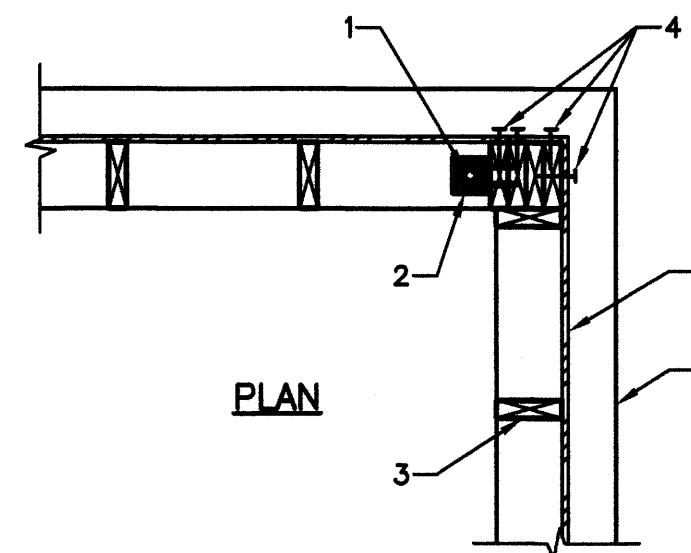
SCALE: 3/4" = 1'-0"



1. FLOOR SHEATHING
2. FLOOR JOISTS
3. 2x4 @ 16" OC PONY WALL
4. 1/2"x10" AB @ 6'-0" OC
5. SEE 1/S-301 FOR STEM & FTG SIZE & REINF
6. BLOCK OUT TOP OF STEM WALL AS SHOWN
7. 2x6 PLATE
8. 5/8"x10" AB @ 4'-0" OC MAX. NOTCH FLOOR SHEATHING AROUND ANCHOR
9. EXT SLAB ON GRADE w/ BENT BARS IN STEM WALL SEE ARCH
10. 2" CONC SLAB

### 5 EXTERIOR FOUNDATION @ ENTRANCE

SCALE: 3/4" = 1'-0"

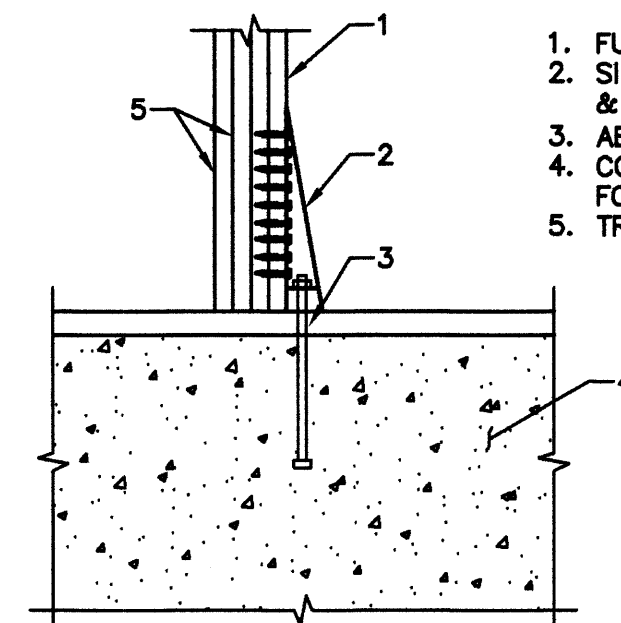


1. ANCHOR BOLT @ HOLDDOWN
2. SIMPSON HOLDDOWN. SEE FND PLAN FOR SIZE & LOCATIONS
3. STUD WALL
4. NAIL @ 4" OC FULL HT EA STUD AS SHOWN (4) PLACES
5. WALL SHEATHING
6. EDGE OF CONC STEM WALL

NOTE:  
TYPICAL ANCHOR BOLTS NOT SHOWN FOR CLARITY

### 6 WALL CORNER PLAN

SCALE: 3/4" = 1'-0"



1. FULL HT KING STUDS. SEE BELOW
2. SIMPSON HOLDDOWN. SEE FND PLAN FOR SIZE & LOCATIONS
3. AB w/HEAVY HEX HEAD. SEE NOTE 2 BELOW
4. CONC STEM WALL OR FTG. REINF NOT SHOWN FOR CLARITY
5. TRIM STUDS @ TYP CONDITION. SEE NOTE 3

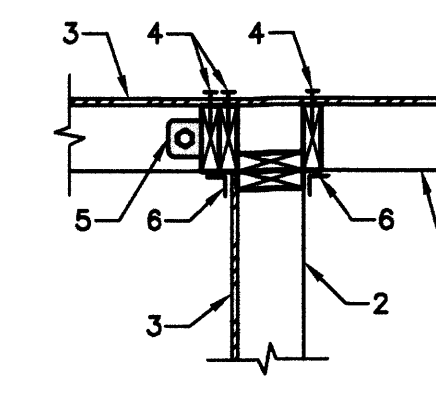
HOLDOWN	AB	EMBED	FULL HT STUD
HDU2	5/8"	12"	(2) 2x6
HDU5	5/8"	12"	(2) 2x6

NOTES:

1. NAIL WALL SHEATHING TO EA STUD @ HOLDDOWN w/EDGE NAILING @ LVL STUDS, NAIL SHEATHING TO EA STUD w/NAILS @ 3" OC
2. ANCHOR BOLTS ARE IN ADDITION TO TYPICAL ANCHOR BOLTS
3. COORDINATE HOLDDOWN LOCATIONS WITH DOOR/WINDOW JAMB STUDS. STUD CONFIGURATION VARIES. SEE FRAMING PLANS & DETAILS FOR COORDINATION OF HOLDDOWN & STUD CONFIGURATION
4. AT INTERIOR FOOTINGS EMBED IS MEASURED FROM THE TOP OF FOOTING IF FOOTING AND SLAB ON GRADE ARE CAST SEPARATELY.
5. FASTEN MULTIPLE FULL HT STUDS AS FOLLOWS:  
(2) 2x6: (2) ROWS NAILS @ 6" OC STAGGERED  
(3) 2x6: (2) ROWS SIMPSON SDS 1/4"x4 1/2" SCREWS @ 12" OC STAGGERED  
(4) 2x6: (2) ROWS SIMPSON SDS 1/4"x6" SCREWS @ 12" OC STAGGERED

### 7 HOLDDOWN

SCALE: 3/4" = 1'-0"

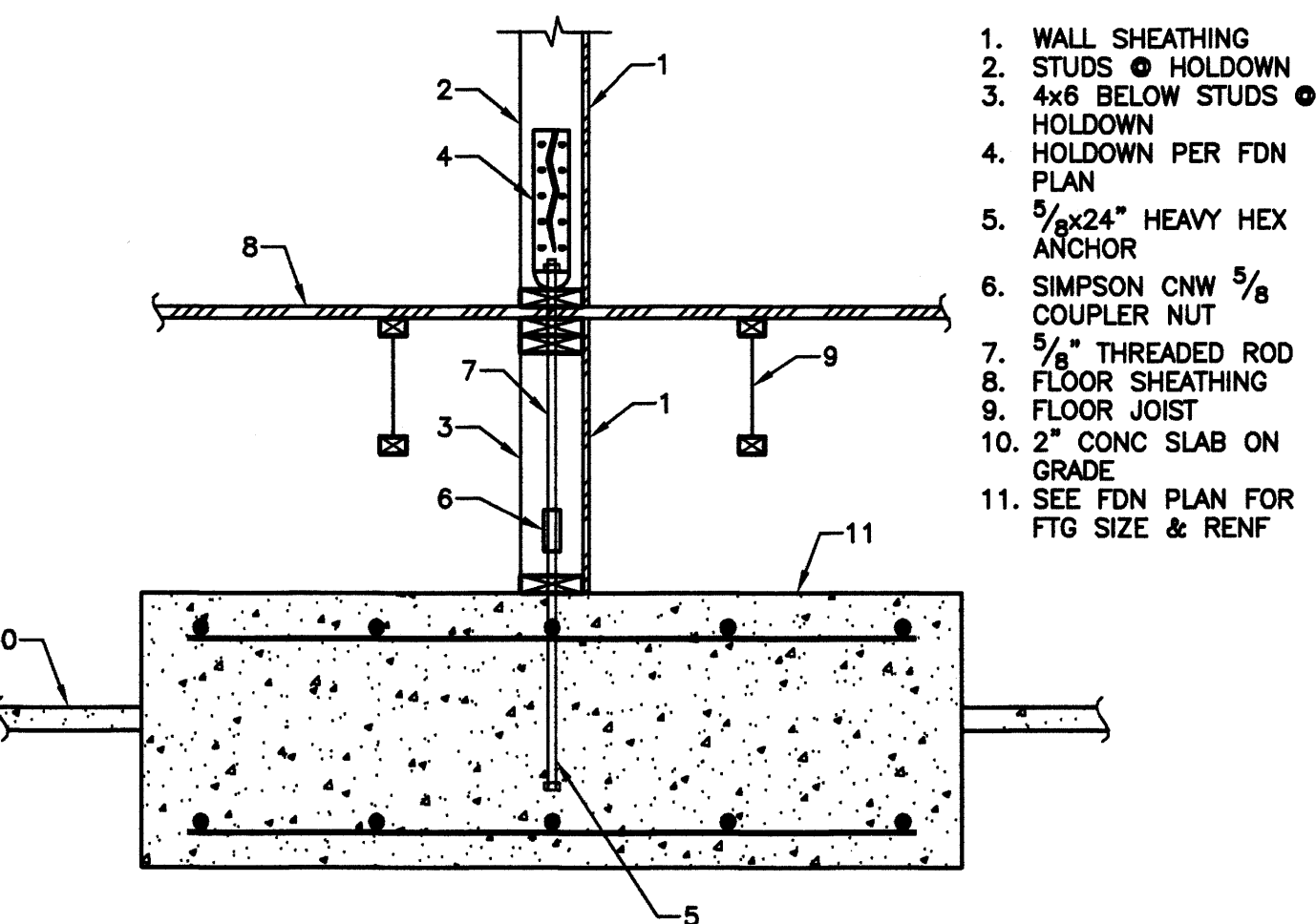


NOTE:  
TYPICAL WALL ANCHORS & STUDS NOT SHOWN FOR CLARITY

1. EXTERIOR STUD WALL
2. INTERIOR STUD WALL
3. WALL SHEATHING
4. PANEL EDGE NAILING FULL HT
5. HOLDDOWN. SEE FND PLAN FOR SIZE. SEE 7/S-301 FOR ANCHOR
6. SIMPSON A34 @ 24"

### 8 INTERIOR TO EXTERIOR WALL

SCALE: 3/4" = 1'-0"



1. WALL SHEATHING
2. STUDS @ HOLDDOWN
3. 4x6 BELOW STUDS @ HOLDDOWN
4. HOLDDOWN PER FND PLAN
5. 5/8"x24" HEAVY HEX ANCHOR
6. SIMPSON CNW 5/8" COUPLER NUT
7. 3/4" THREADED ROD
8. FLOOR SHEATHING
9. FLOOR JOIST
10. 2" CONC SLAB ON GRADE
11. SEE FND PLAN FOR FTG SIZE & REINF

### 9 INTERIOR HOLDDOWN

SCALE: 3/4" = 1'-0"

REVISIONS

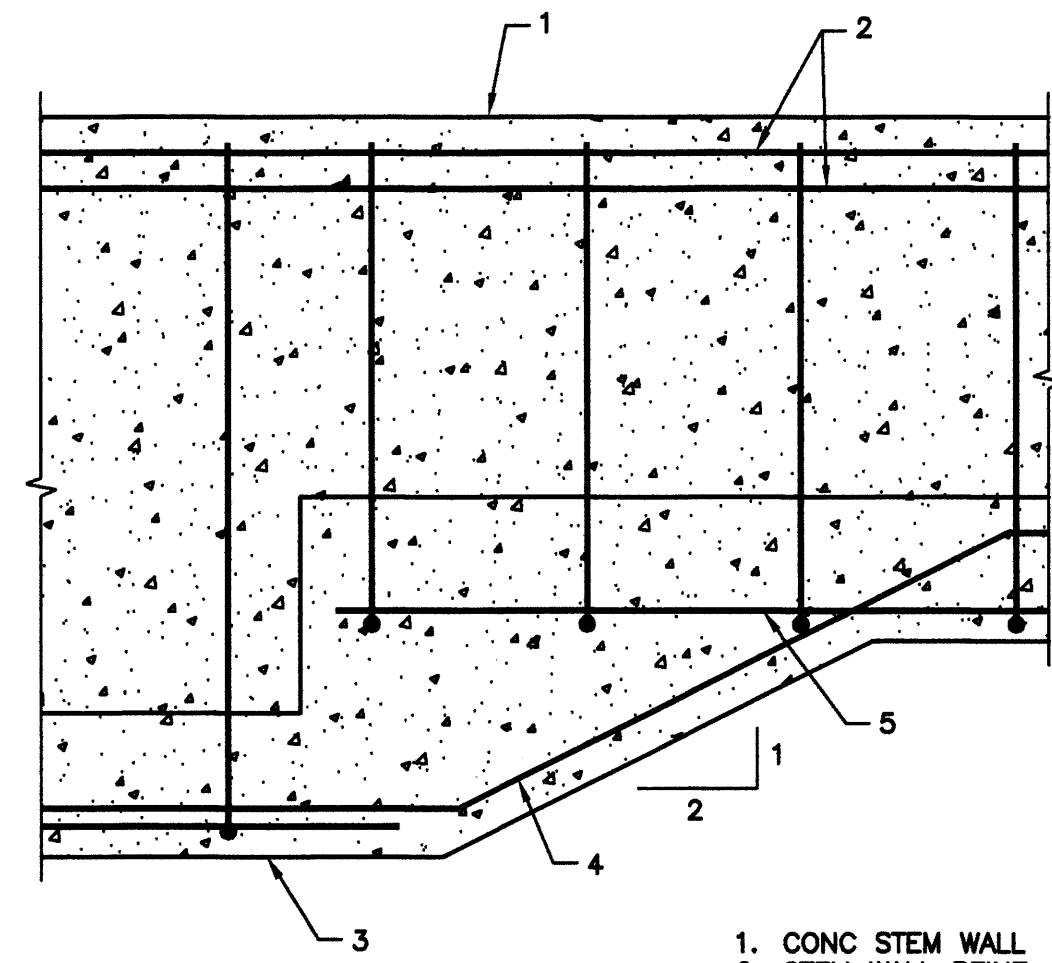
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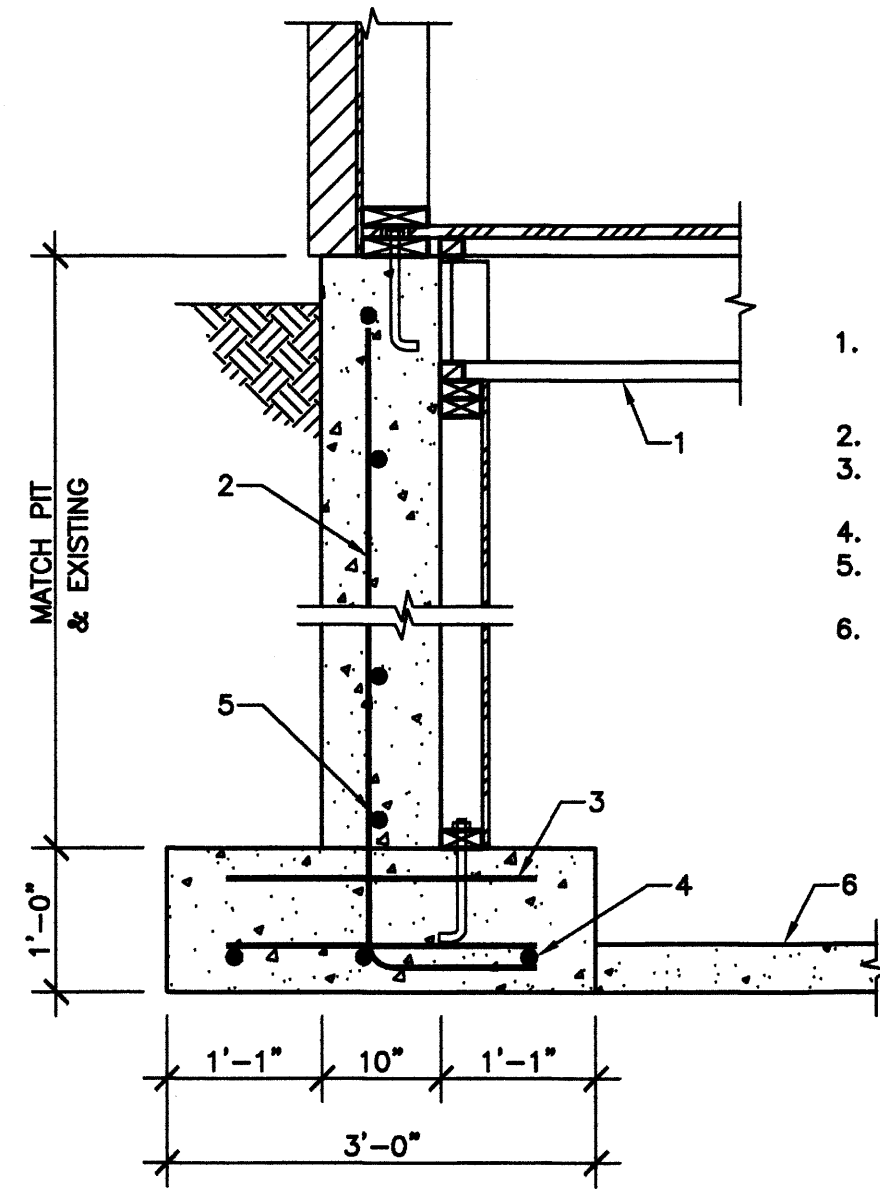
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MOUNTAIN HOME, IDAHO

DATE: 12/14/12  
PROJECT NO: 1226.00  
SHEET:  
**S-301**  
FOUNDATION  
DETAILS



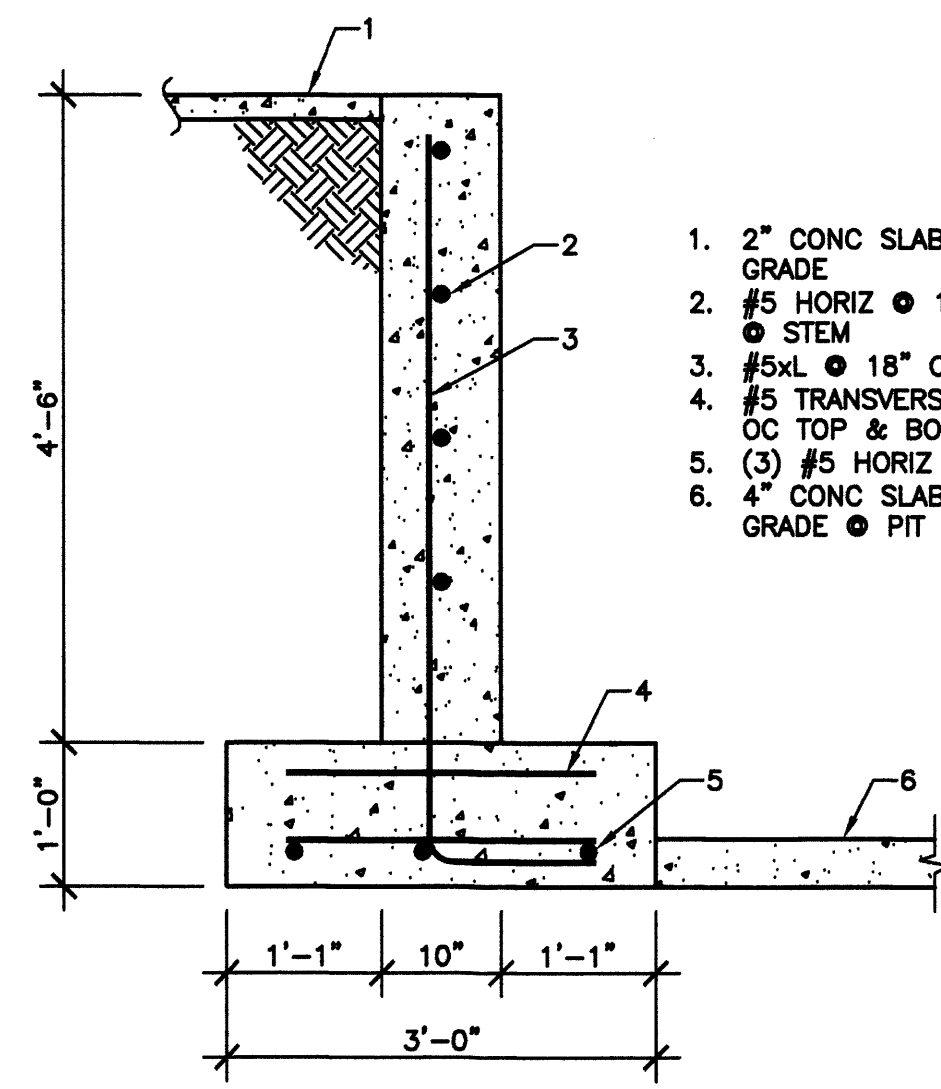
1. CONC STEM WALL
2. STEM WALL REINF
3. FOOTING
4. #5 MATCH FTG REINF
5. FOOTING REINF

**1 FOOTING STEP**  
NOT TO SCALE



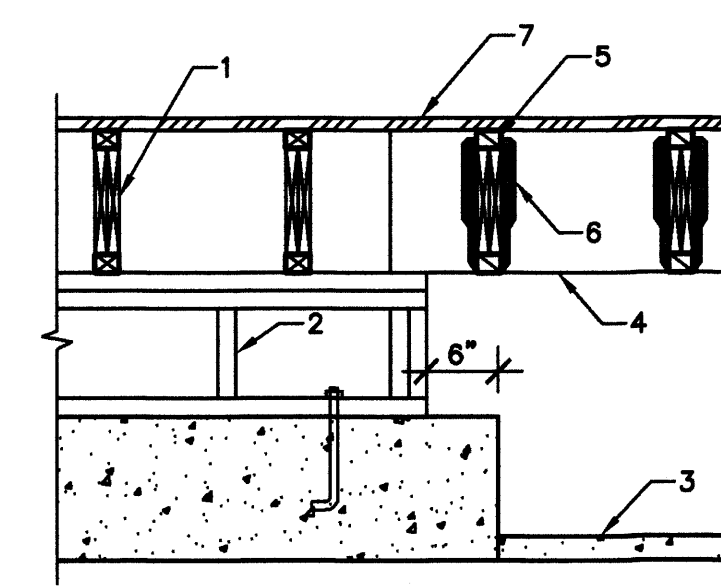
1. SEE 1/3-301 FOR TYPICAL TOP OF WALL DETAIL
2. #5xL @ 18" OC
3. #5 TRANSVERSE @ 18" OC TOP & BOT
4. (3) #5 HORIZ BOT
5. #5 HORIZ @ 12" OC IN STEM
6. 4" CONC SLAB ON GRADE IN PIT

**2 FOOTING • PIT**  
SCALE: 3/4" = 1'-0"



1. 2" CONC SLAB ON GRADE
2. #5 HORIZ @ 12" OC
3. #5xL @ 18" OC
4. #5 TRANSVERSE @ 18" OC TOP & BOT
5. (3) #5 HORIZ BOT
6. 4" CONC SLAB ON GRADE • PIT

**3 FOOTING • PIT**  
SCALE: 3/4" = 1'-0"



1. FLOOR JOIST & BLOCKING. SEE 2 OR 3/S-301
2. PONY WALL
3. 2" CONC SLAB ON GRADE
4. (3) 1 3/4" x 11 7/8" LVL HEADER
5. FLOOR JOIST W/ WEB STIFFENER EACH FACE
6. SIMPSON IUS2.06/11.88 JOIST HANGER
7. FLOOR SHEATHING

NOTE:  
SEE DETAIL 2 OR 3/S-301 FOR TYPICAL ITEMS AT INTERIOR FLOOR BEARING

**4 CRAWL SPACE ACCESS**  
SCALE: 3/4" = 1'-0"

REVISIONS

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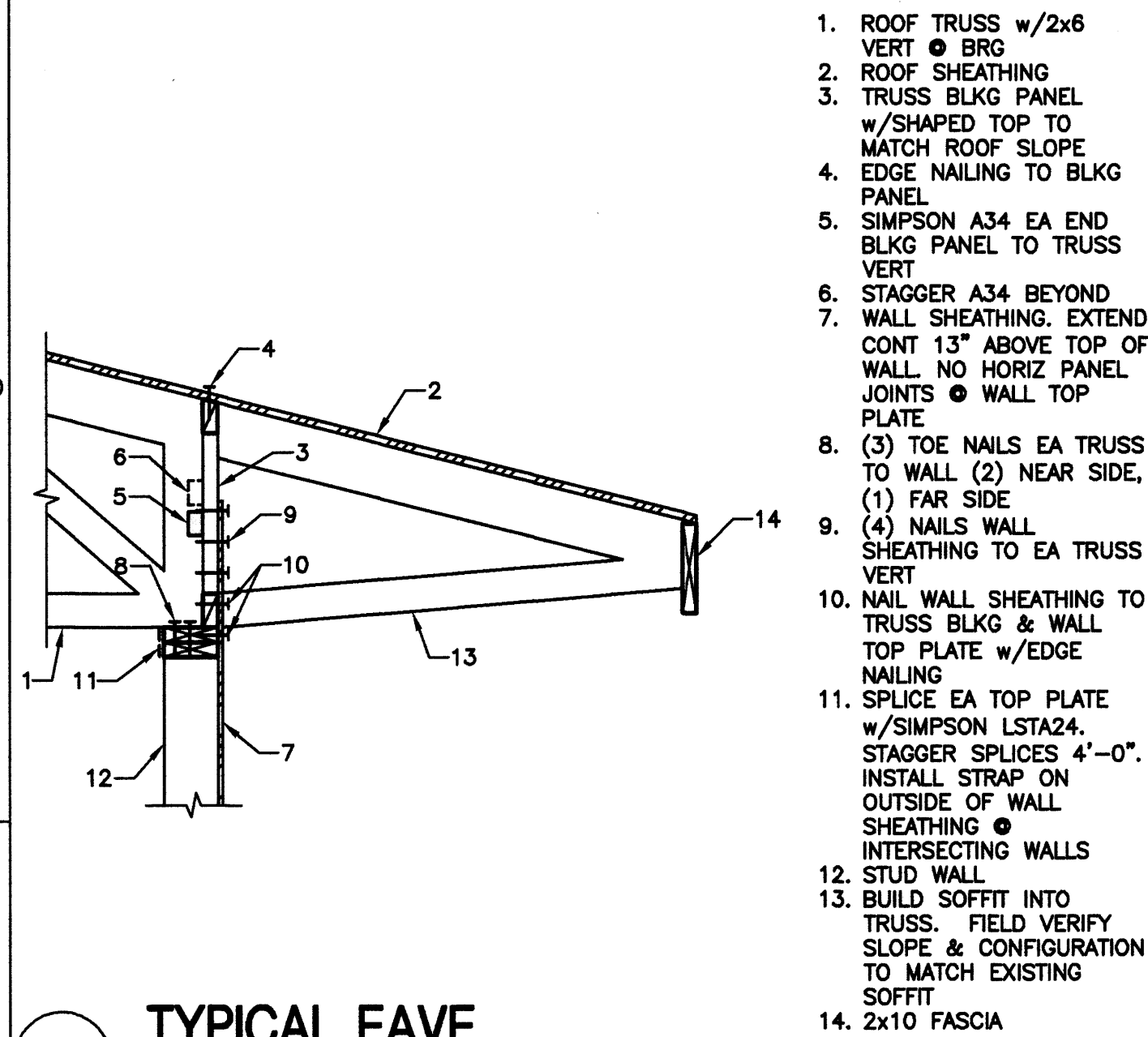
PROFESSIONAL ENGINEER  
REGISTERED  
10583  
STATE OF IDAHO  
BRIAN J. GARNER  
12-14-12

**ZGA**  
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**DESERT SAGE HEALTH CENTER**  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO

DATE: 12/14/12  
PROJECT NO: 1226.00  
SHEET:  
**S-302**  
FOUNDATION DETAILS

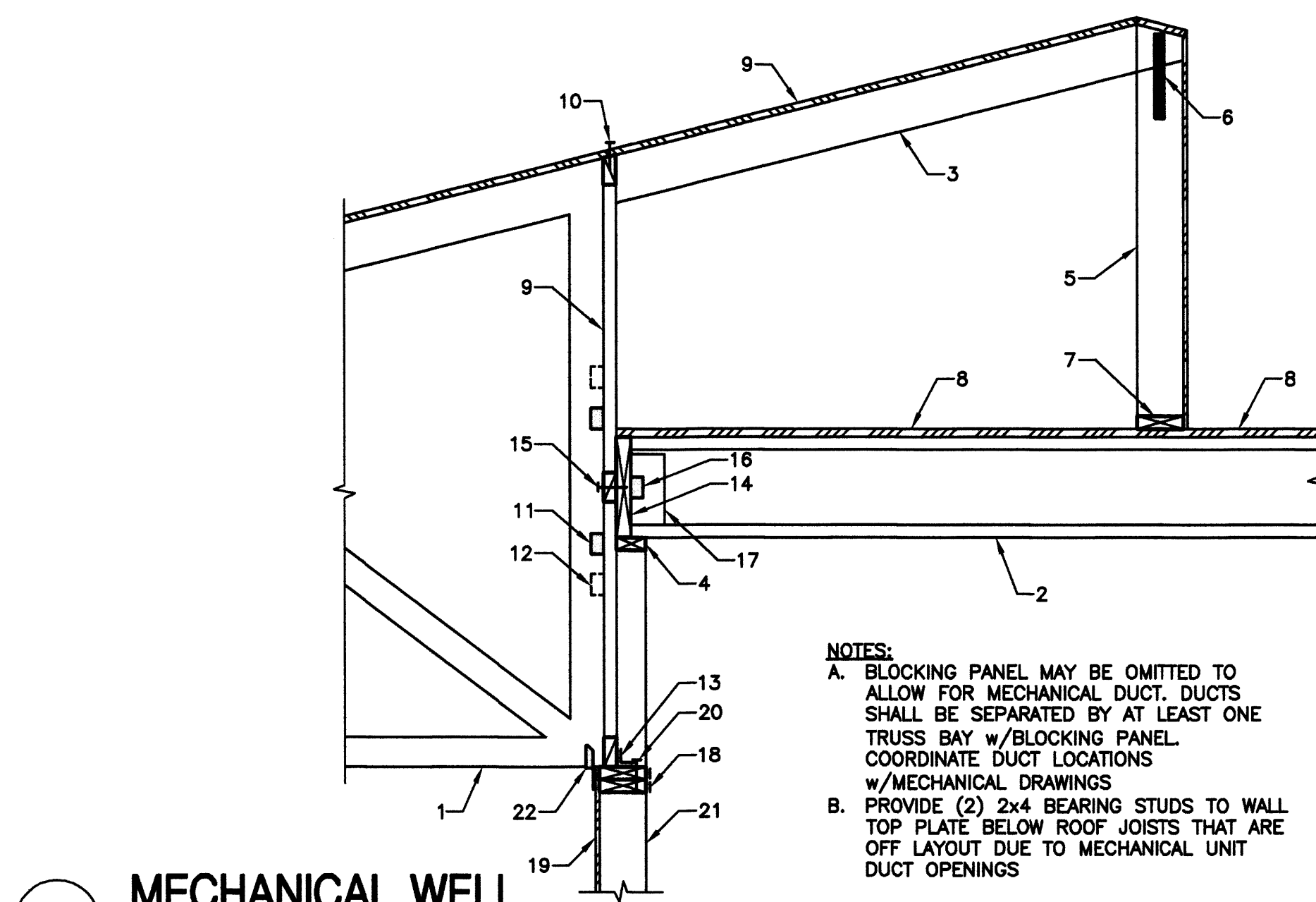




1. ROOF TRUSS w/2x6 VERT ● BRG
2. ROOF SHEATHING
3. TRUSS BLKG PANEL w/SHAPED TOP TO MATCH ROOF SLOPE
4. EDGE NAILING TO BLKG PANEL
5. SIMPSON A34 EA END BLKG PANEL TO TRUSS VERT
6. STAGGER A34 BEYOND WALL SHEATHING. EXTEND CONT 13" ABOVE TOP OF WALL. NO HORIZ PANEL JOINTS ● WALL TOP PLATE
7. (3) TOE NAILS EA TRUSS TO WALL (2) NEAR SIDE, (1) FAR SIDE
8. (4) NAILS WALL SHEATHING TO EA TRUSS VERT
9. NAIL WALL SHEATHING TO TRUSS BLKG & WALL TOP PLATE w/EDGE NAILING
10. SPLICE EA TOP PLATE w/SIMPSON LSTA24. STAGGER SPLICES 4'-0". INSTALL STRAP ON OUTSIDE OF WALL SHEATHING ● INTERSECTING WALLS
11. STUD WALL
12. BUILD SOFFIT INTO TRUSS. FIELD VERIFY SLOPE & CONFIGURATION TO MATCH EXISTING SOFFIT
13. 2x10 FASCIA

### 1 TYPICAL EAVE

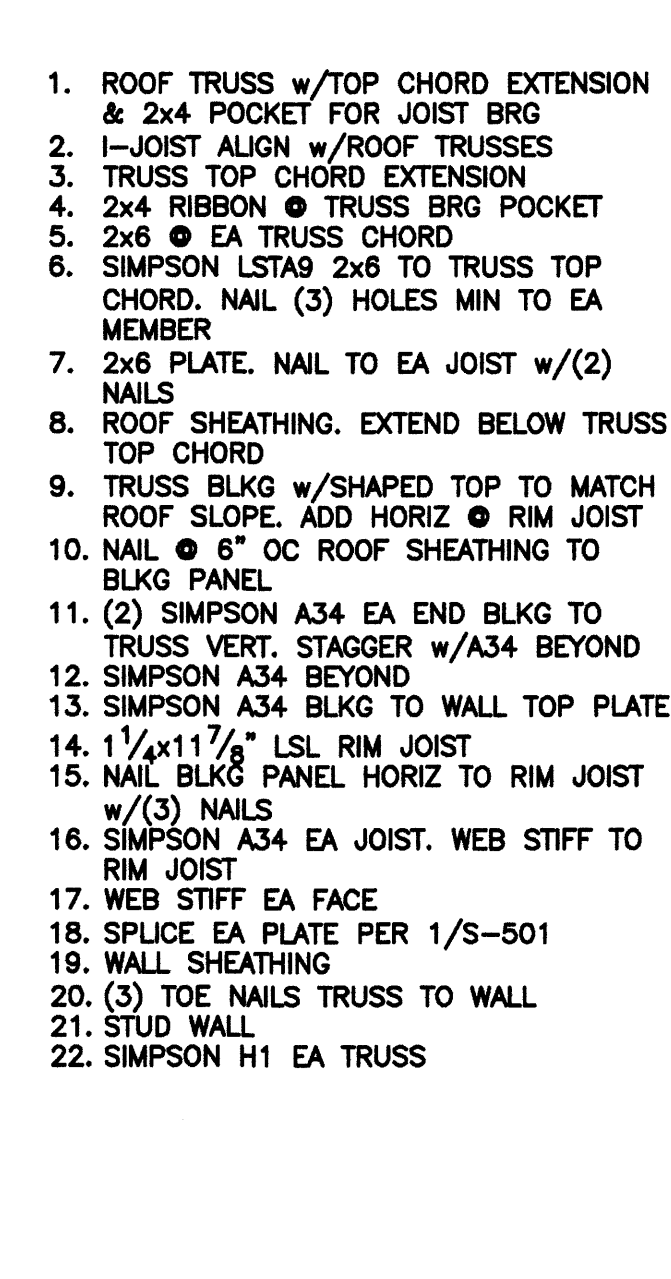
SCALE: 3/4" = 1'-0"



- NOTES:
- A. BLOCKING PANEL MAY BE OMITTED TO ALLOW FOR MECHANICAL DUCT. DUCTS SHALL BE SEPARATED BY AT LEAST ONE TRUSS BAY w/BLOCKING PANEL. COORDINATE DUCT LOCATIONS w/MECHANICAL DRAWINGS
  - B. PROVIDE (2) 2x4 BEARING STUDS TO WALL TOP PLATE BELOW ROOF JOISTS THAT ARE OFF LAYOUT DUE TO MECHANICAL UNIT DUCT OPENINGS

### 2 MECHANICAL WELL

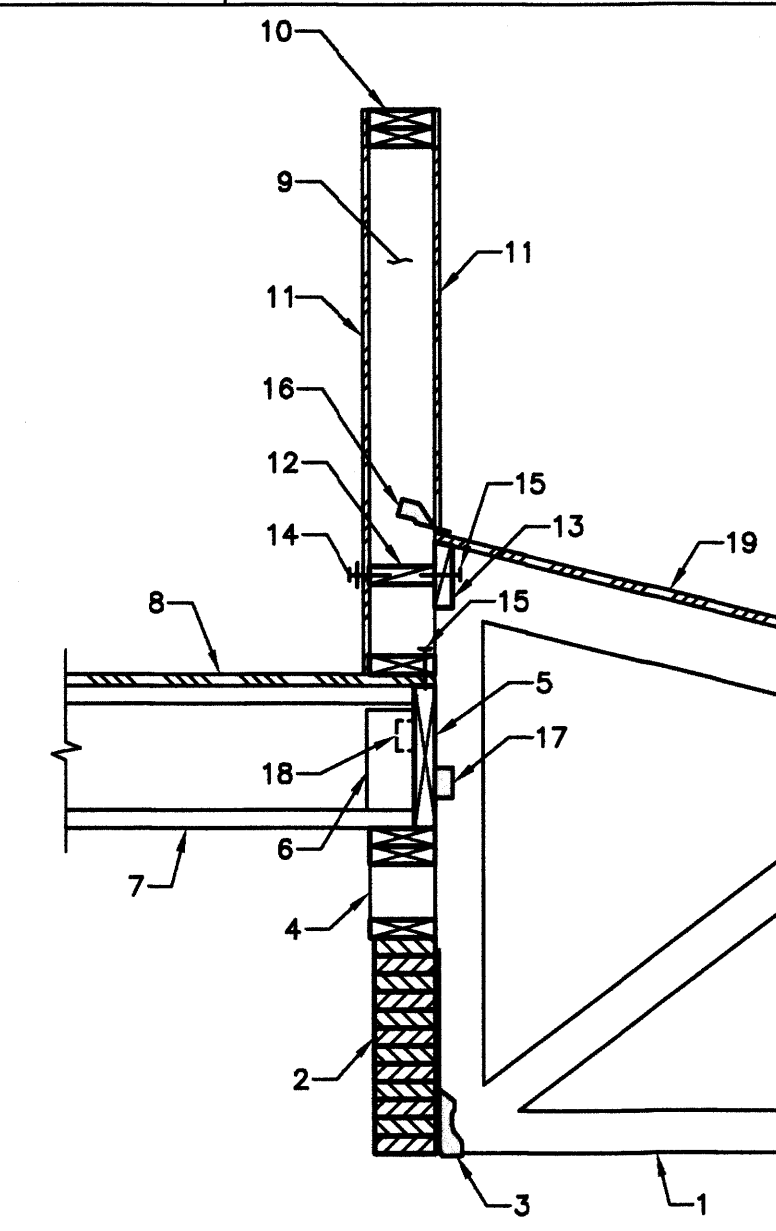
SCALE: 3/4" = 1'-0"



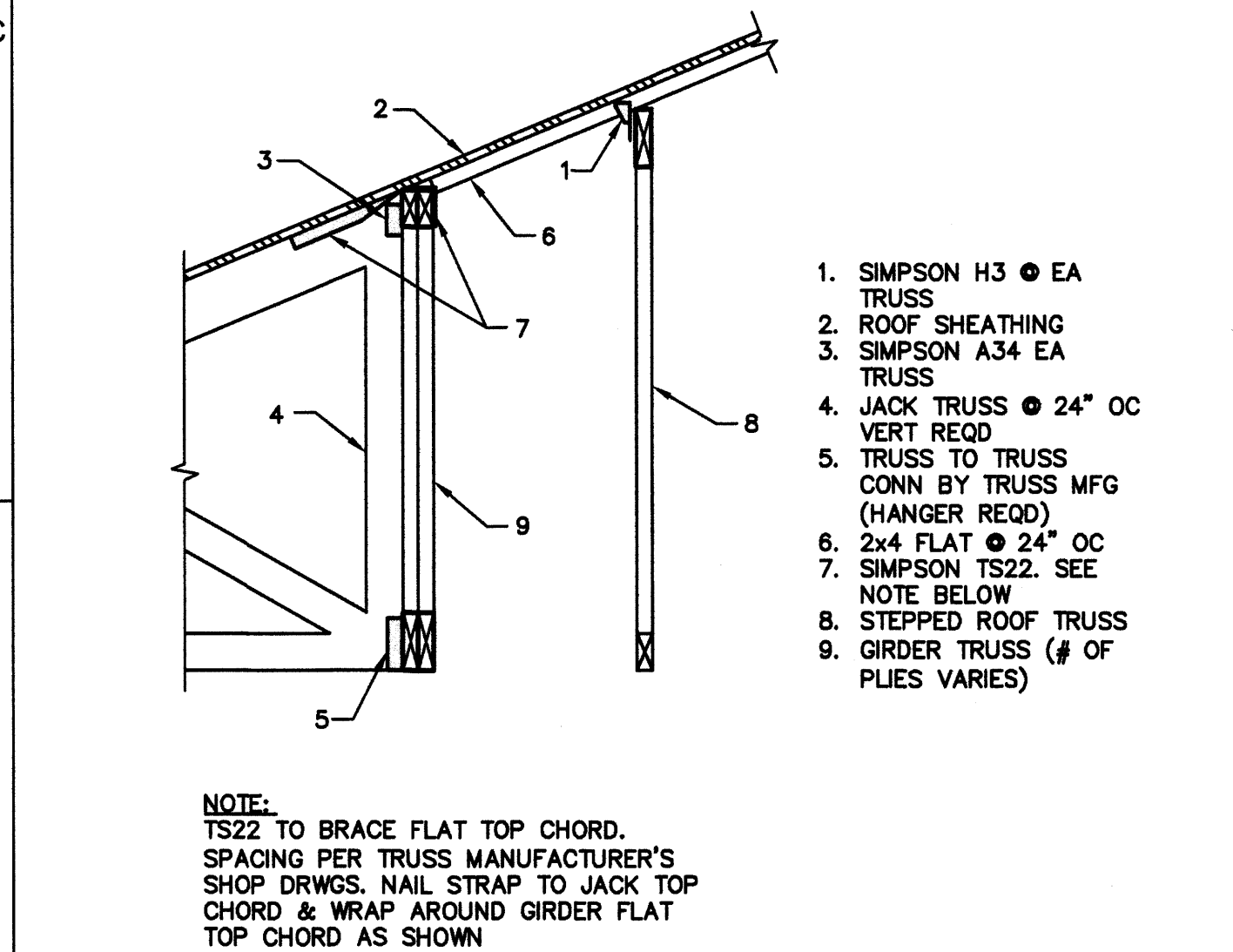
1. ROOF TRUSS w/TOP CHORD EXTENSION & 2x4 POCKET FOR JOIST BRG
2. 1-JOIST ALIGN w/ROOF TRUSSES
3. TRUSS TOP CHORD EXTENSION
4. 2x4 RIBBON ● TRUSS BRG POCKET
5. 2x6 ● EA TRUSS CHORD
6. SIMPSON LSTA9 2x6 TO TRUSS TOP CHORD. NAIL (3) HOLES MIN TO EA MEMBER
7. 2x6 PLATE. NAIL TO EA JOIST w/(2) NAILS
8. ROOF SHEATHING. EXTEND BELOW TRUSS TOP CHORD
9. TRUSS BLKG w/SHAPED TOP TO MATCH ROOF SLOPE. ADD HORIZ ● RIM JOIST
10. NAIL ● 6" OC ROOF SHEATHING TO BLKG PANEL
11. (2) SIMPSON A34 EA END BLKG TO TRUSS VERT. STAGGER w/A34 BEYOND
12. SIMPSON A34 BEYOND
13. SIMPSON A34 BLKG TO WALL TOP PLATE
14. 1 1/4x11 7/8" LSL RIM JOIST
15. NAIL BLKG PANEL HORIZ TO RIM JOIST w/(3) NAILS
16. SIMPSON A34 EA JOIST. WEB STIFF TO RIM JOIST
17. WEB STIFF EA FACE
18. SPLICE EA PLATE PER 1/S-501
19. WALL SHEATHING
20. (3) TOE NAILS TRUSS TO WALL
21. STUD WALL
22. SIMPSON H1 EA TRUSS

### 4 MECHANICAL WELL

SCALE: 3/4" = 1'-0"



1. ROOF TRUSS
2. 5 1/2" GLB
3. SIMPSON THA218
4. 2x6 ● 16" OC PONY WALL
5. 1 1/4x11 7/8" LSL RIM JOIST
6. WEB STIFF EA FACE
7. 1-JOIST
8. ROOF SHEATHING
9. 2x6 ● 16" OC PARAPET WALL FRMG
10. DBL TOP PLATE
11. WALL SHEATHING
12. 2x6 BLKG
13. 2x6 BLKG w/SHAPED TOP
14. SIMPSON CS16xCONT ACROSS MECHANICAL WELL. INSTALL OVER WALL SHEATHING. USE 0.131x3" NAILS. NAIL EVERY-OTHER HOLE
15. NAIL ● 6" OC
16. SIMPSON H2.5 EA PARAPET WALL STUD TO ROOF SHEATHING
17. SIMPSON A34 EA TRUSS TO RIM JOIST
18. SIMPSON A35 EA JOIST. WEB STIFF TO RIM JOIST
19. ROOF SHEATHING

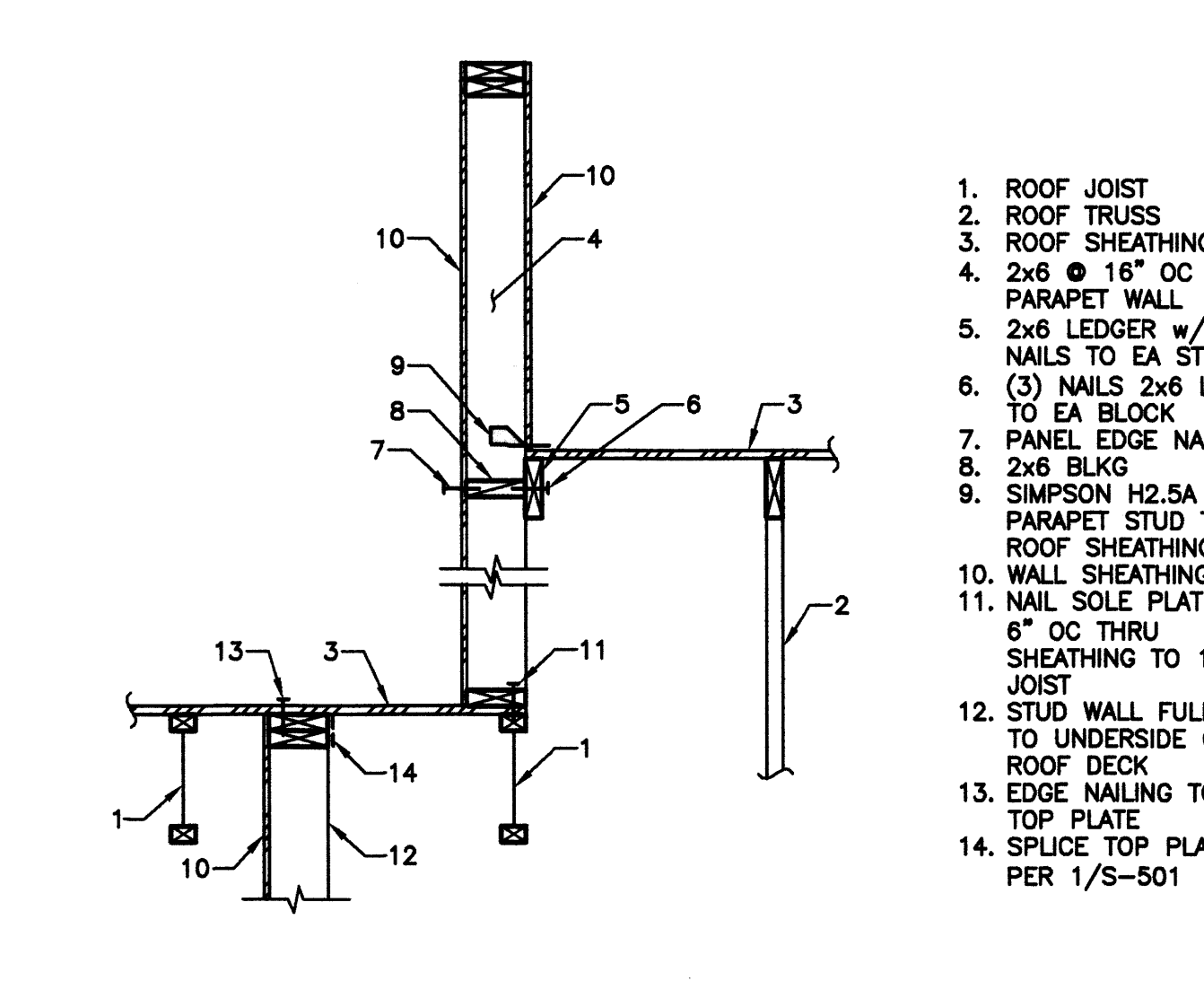


1. SIMPSON H3 ● EA TRUSS
2. ROOF SHEATHING
3. SIMPSON A34 EA TRUSS
4. JACK TRUSS ● 24" OC VERT REQD
5. TRUSS TO TRUSS CONN BY TRUSS MFG (HANGER REQD)
6. 2x4 FLAT ● 24" OC
7. SIMPSON TS22. SEE NOTE BELOW
8. STEPPED ROOF TRUSS
9. GIRDER TRUSS (# OF PLYS VARIES)

NOTE: TS22 TO BRACE FLAT TOP CHORD. SPACING PER TRUSS MANUFACTURER'S SHOP DRWGS. NAIL STRAP TO JACK TOP CHORD & WRAP AROUND GIRDER FLAT TOP CHORD AS SHOWN

### 5 FRAMING ● STEPPED TRUSSES

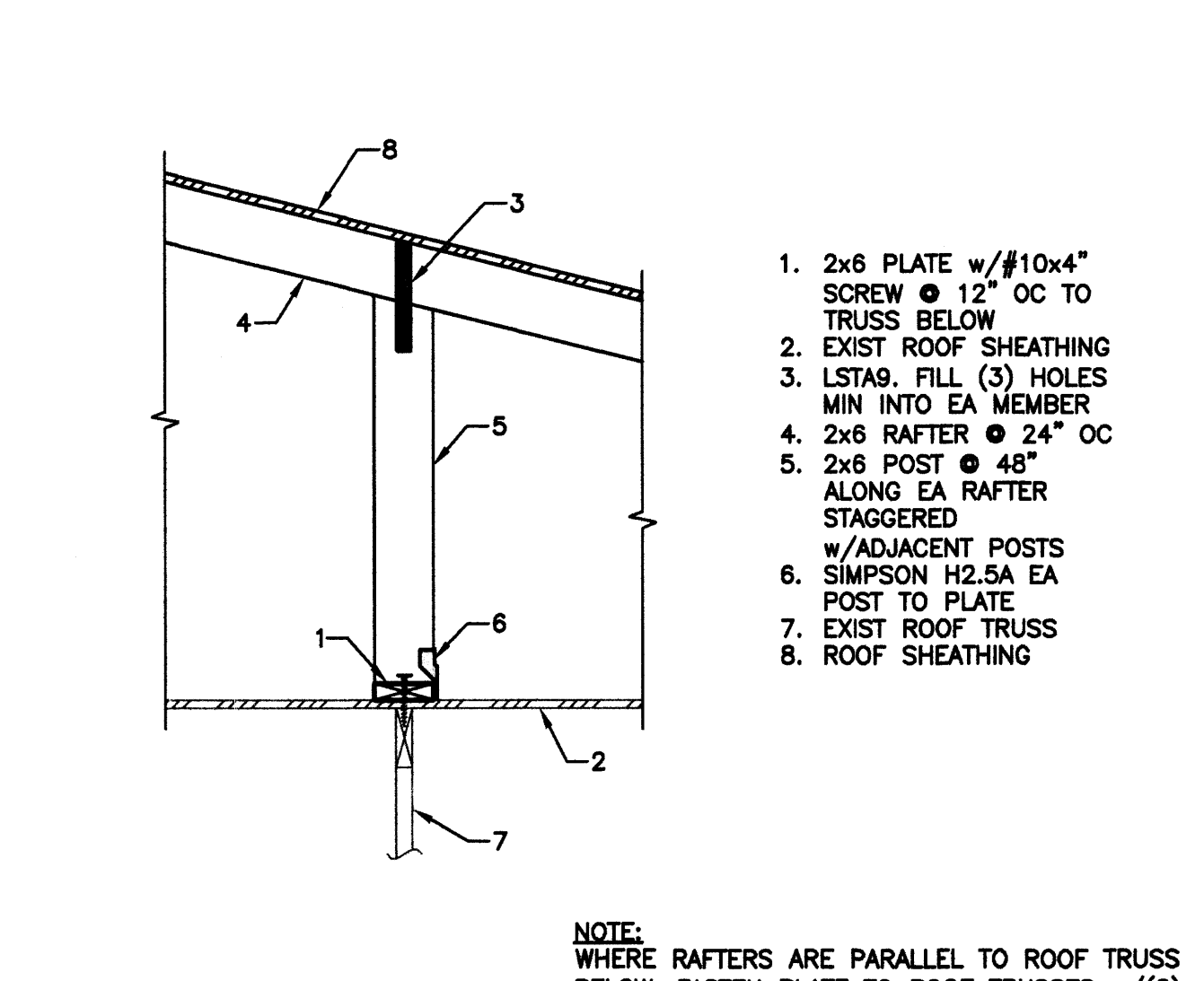
SCALE: 3/4" = 1'-0"



1. ROOF JOIST
2. ROOF TRUSS
3. ROOF SHEATHING
4. 2x6 ● 16" OC PARAPET WALL
5. 2x6 LEDGER w/(2) NAILS TO EA STUD
6. (3) NAILS 2x6 LEDGER TO EA BLOCK
7. PANEL EDGE NAILING
8. 2x6 BLKG
9. SIMPSON H2.5A EA PARAPET STUD TO ROOF SHEATHING
10. WALL SHEATHING
11. NAIL SOLE PLATE ● 6" OC THRU SHEATHING TO 1st JOIST
12. STUD WALL FULL HT TO UNDERSIDE OF ROOF DECK
13. EDGE NAILING TO WALL TOP PLATE
14. SPLICE TOP PLATE PER 1/S-501

### 6 PARAPET TO ROOF

SCALE: 3/4" = 1'-0"

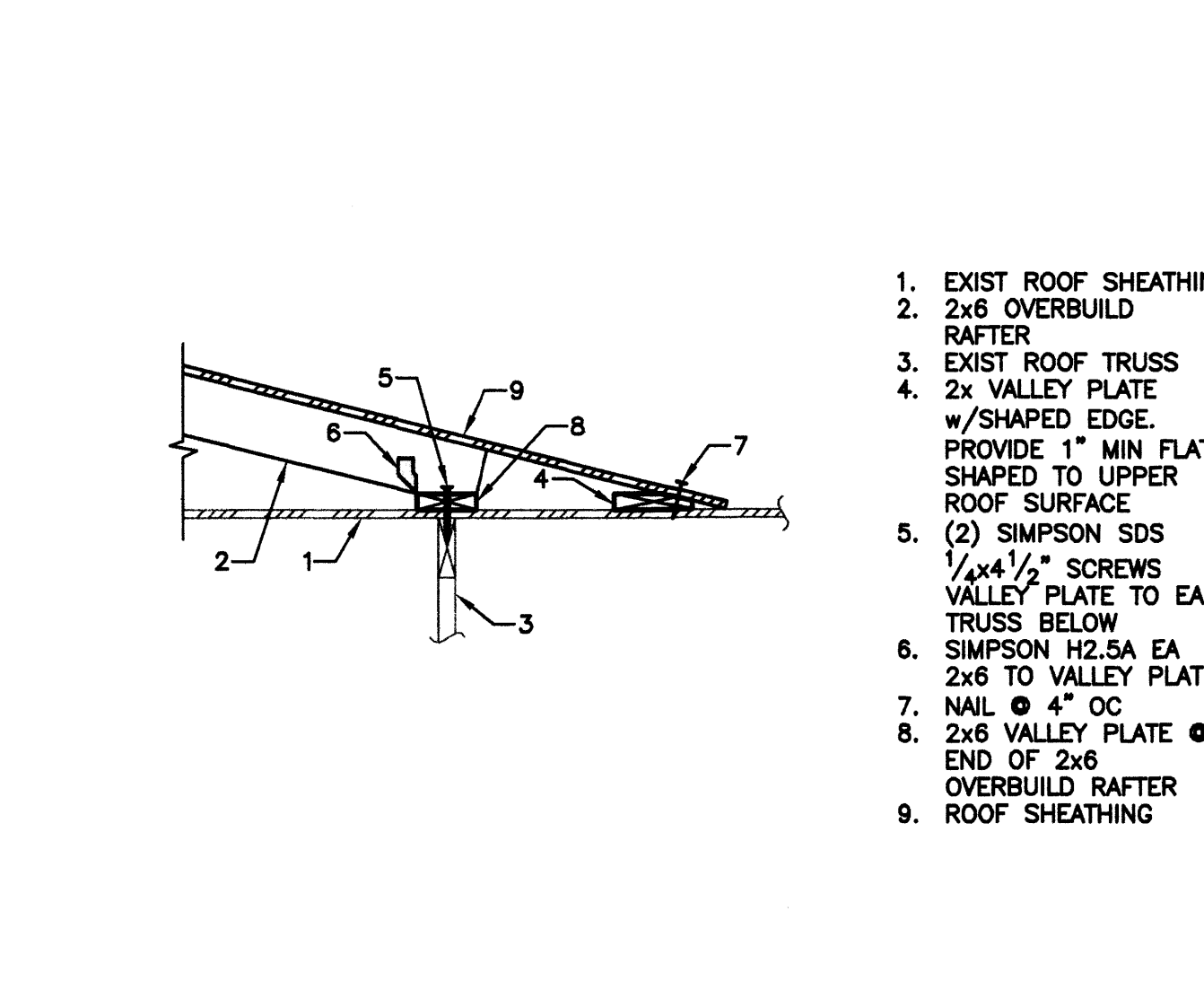


1. 2x6 PLATE w/#10x4" SCREW ● 12" OC TO TRUSS BELOW
2. EXIST ROOF SHEATHING
3. LSTA9. FILL (3) HOLES MIN INTO EA MEMBER
4. 2x6 RAFTER ● 24" OC
5. 2x6 POST ● 48" ALONG EA RAFTER STAGGERED
6. SIMPSON H2.5A EA POST TO PLATE
7. EXIST ROOF TRUSS
8. ROOF SHEATHING

NOTE: WHERE RAFTERS ARE PARALLEL TO ROOF TRUSS BELOW. FASTEN PLATE TO ROOF TRUSSES w/(2) #10x4" SCREWS ● EA TRUSS.

### 7 OVERBUILD

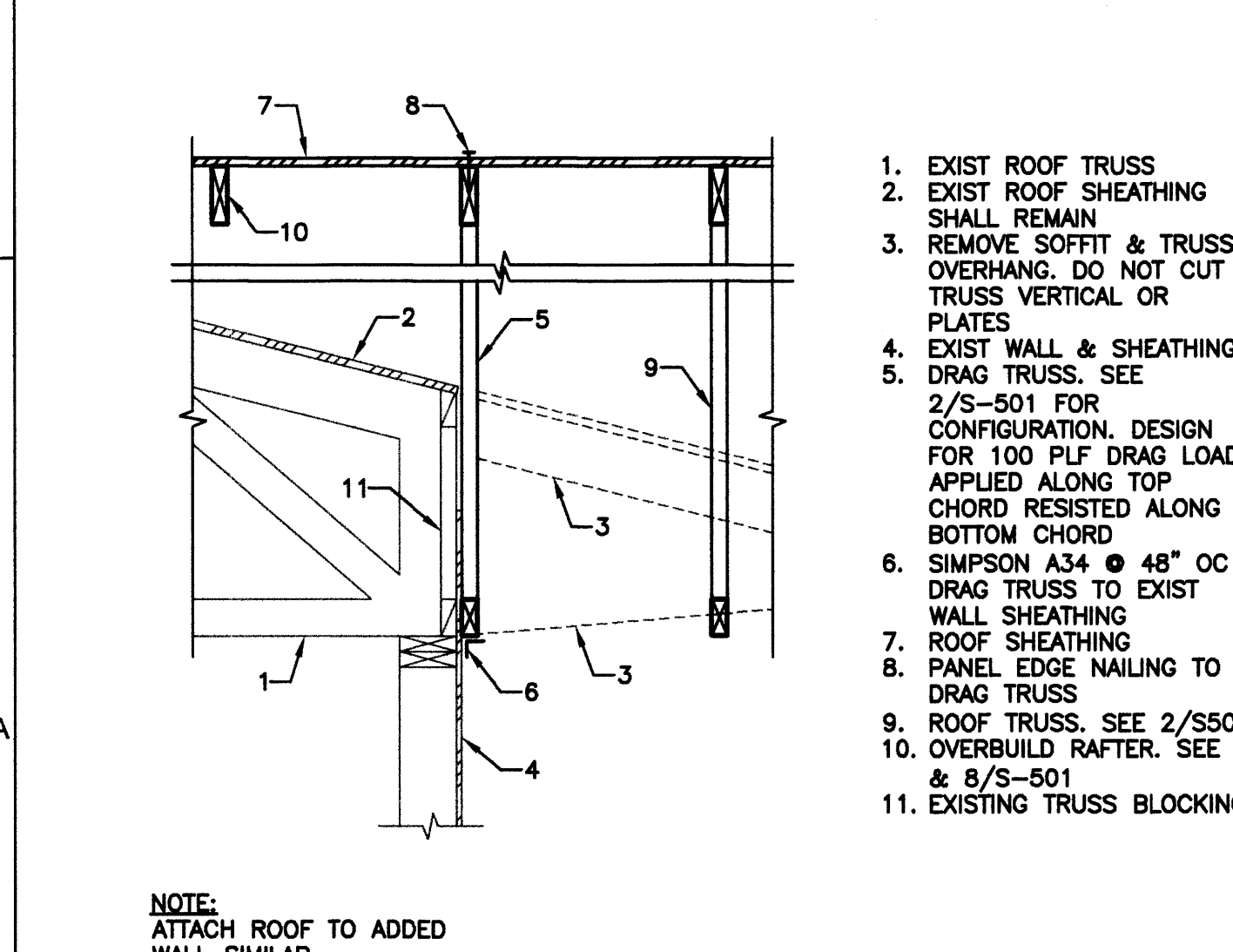
SCALE: 3/4" = 1'-0"



1. EXIST ROOF SHEATHING
2. 2x6 OVERBUILD RAFTER
3. EXIST ROOF TRUSS
4. 2x VALLEY PLATE w/SHAPED EDGE. PROVIDE 1" MIN FLAT SHAPED TO UPPER ROOF SURFACE
5. (2) SIMPSON SDS 1/4x1 1/2" SCREWS VALLEY PLATE TO EA TRUSS BELOW
6. SIMPSON H2.5A EA 2x6 TO VALLEY PLATE
7. NAIL ● 4" OC
8. 2x6 VALLEY PLATE ● END OF 2x6 OVERBUILD RAFTER
9. ROOF SHEATHING

### 8 VALLEY PLATE & OVERBUILD

SCALE: 3/4" = 1'-0"

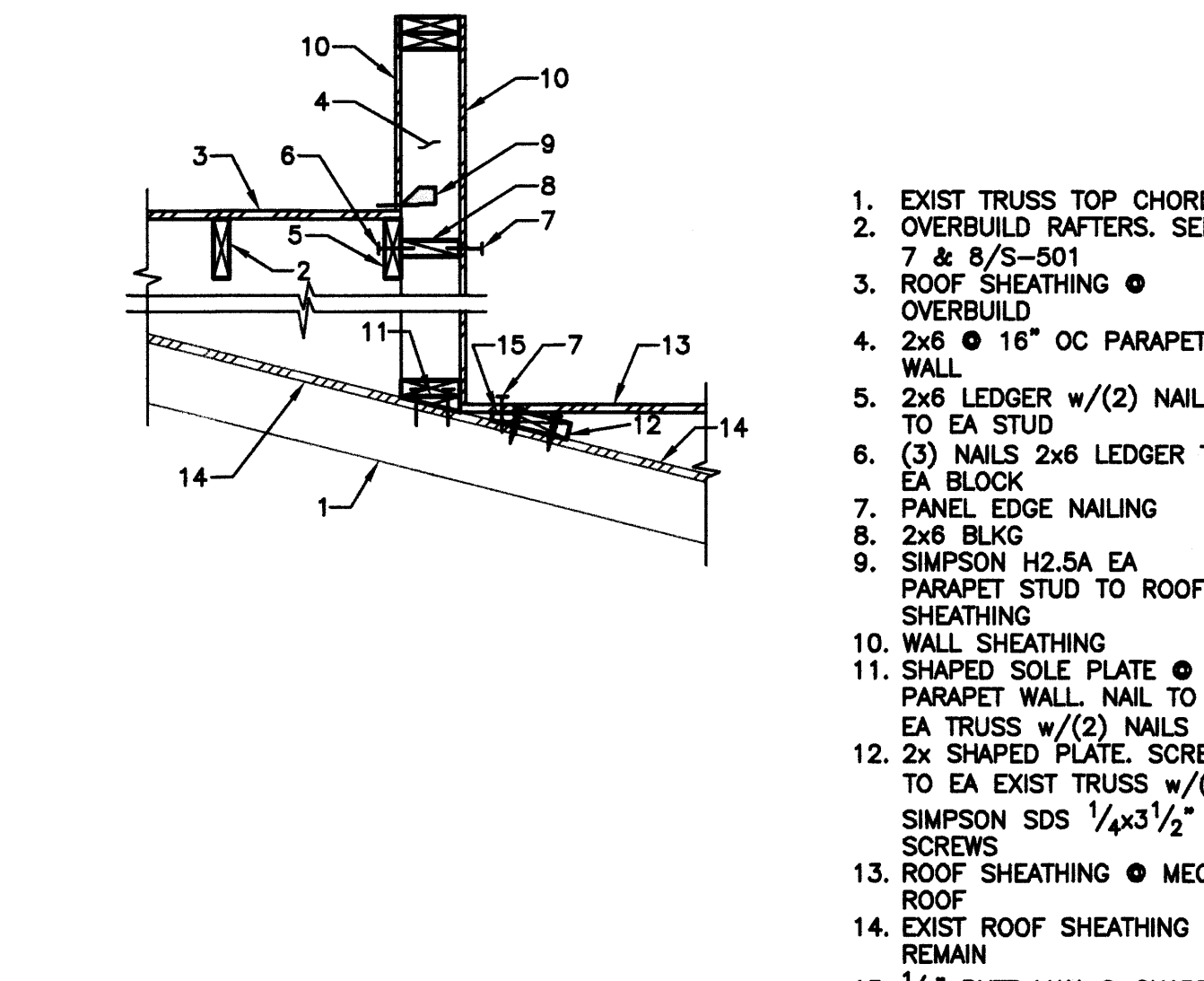


1. EXIST ROOF TRUSS
2. EXIST ROOF SHEATHING SHALL REMAIN
3. REMOVE SOFFIT & TRUSS OVERHANG. DO NOT CUT TRUSS VERTICAL OR PLATES
4. EXIST WALL & SHEATHING
5. DRAG TRUSS. SEE 2/S-501 FOR CONFIGURATION. DESIGN FOR 100 PLF DRAG LOAD APPLIED ALONG TOP CHORD RESISTED ALONG BOTTOM CHORD
6. SIMPSON A34 ● 48" OC DRAG TRUSS TO EXIST WALL SHEATHING
7. ROOF SHEATHING
8. PANEL EDGE NAILING TO DRAG TRUSS
9. ROOF TRUSS. SEE 2/S501
10. OVERBUILD RAFTER. SEE 7 & 8/S-501
11. EXISTING TRUSS BLOCKING

NOTE: ATTACH ROOF TO ADDED WALL SIMILAR

### 9 NEW ROOF TO EXISTING WALL

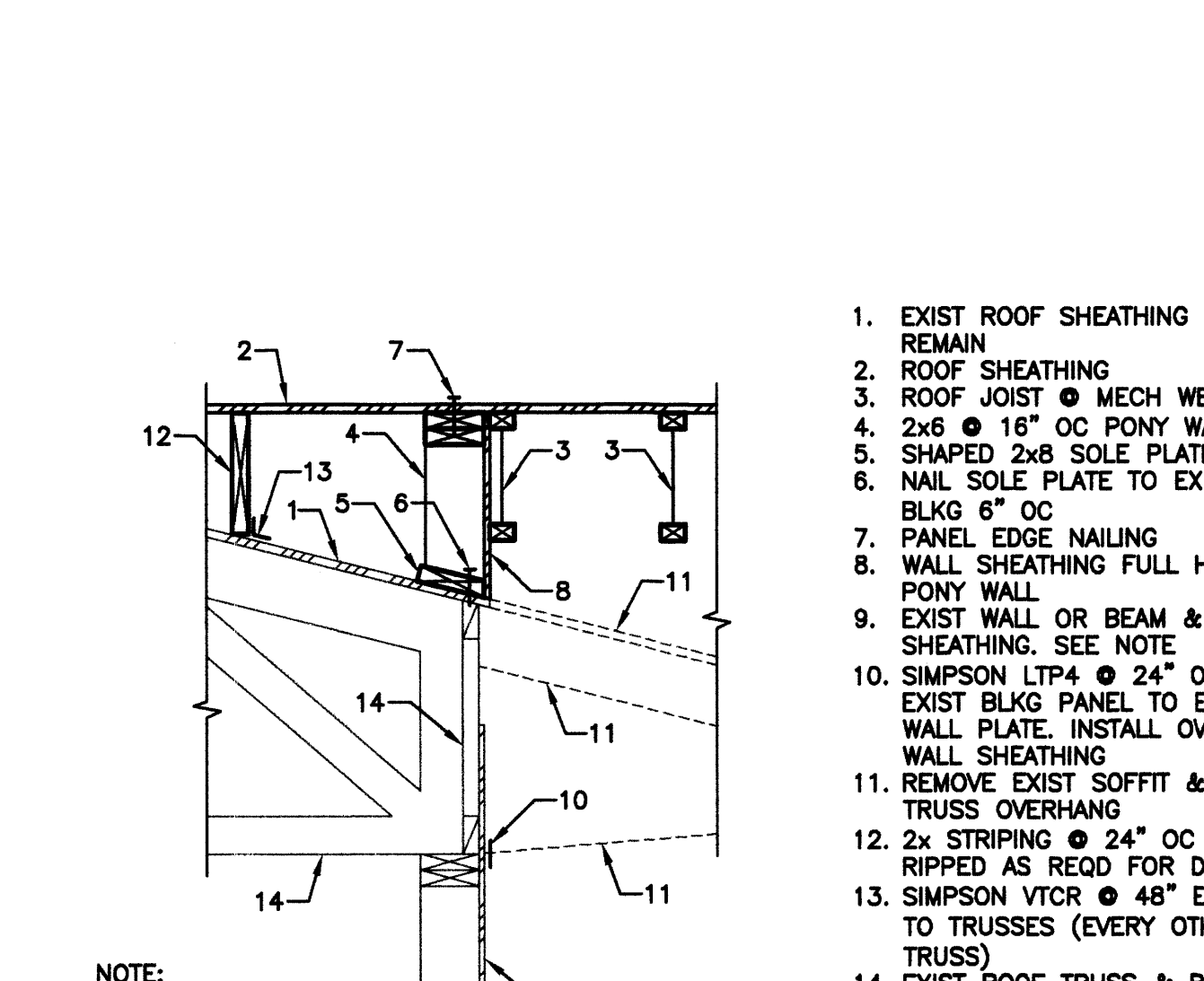
SCALE: 3/4" = 1'-0"



1. EXIST TRUSS TOP CHORD
2. OVERBUILD RAFTERS. SEE 7 & 8/S-501
3. ROOF SHEATHING ● OVERBUILD
4. 2x6 ● 16" OC PARAPET WALL
5. 2x6 LEDGER w/(2) NAILS TO EA STUD
6. (3) NAILS 2x6 LEDGER TO EA BLOCK
7. PANEL EDGE NAILING
8. 2x6 BLKG
9. SIMPSON H2.5A EA PARAPET STUD TO ROOF SHEATHING
10. WALL SHEATHING
11. SHAPED SOLE PLATE ● PARAPET WALL. NAIL TO EA TRUSS w/(2) NAILS
12. 2x SHAPED PLATE. SCREW TO EA EXIST TRUSS w/(2) SIMPSON SDS 1/4x3 1/2" SCREWS
13. ROOF SHEATHING ● MECH
14. EXIST ROOF SHEATHING TO REMAIN
15. 1/2" BUTT MAX ● SHAPED PLATE

### 10 PARAPET TO EXISTING ROOF

SCALE: 3/4" = 1'-0"

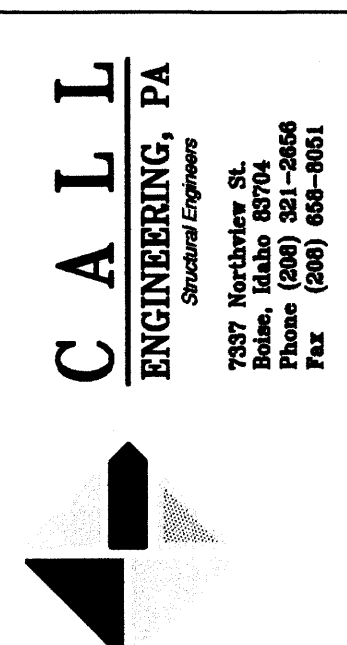


1. EXIST ROOF SHEATHING SHALL REMAIN
2. ROOF SHEATHING
3. ROOF JOIST ● MECH WELL
4. 2x6 ● 16" OC PONY WALL
5. SHAPED 2x6 SOLE PLATE
6. NAIL SOLE PLATE TO EXIST BLKG 6" OC
7. PANEL EDGE NAILING
8. WALL SHEATHING FULL HT ● PONY WALL
9. EXIST WALL OR BEAM & SHEATHING. SEE NOTE
10. SIMPSON LTP4 ● 24" OC EXIST BLKG PANEL TO EXIST WALL PLATE. INSTALL OVER WALL SHEATHING
11. REMOVE EXIST SOFFIT & TRUSS OVERHANG
12. 2x STRIPING ● 24" OC RIPPED AS REQD FOR DEPTH
13. SIMPSON VTRC ● 48" EA 2x TO TRUSSES (EVERY OTHER TRUSS)
14. EXIST ROOF TRUSS & BLKG

NOTE: WALL IS REPLACED w/NEW WALL WHERE INDICATED

### 11 MECHANICAL ROOF TO EXISTING

SCALE: 3/4" = 1'-0"



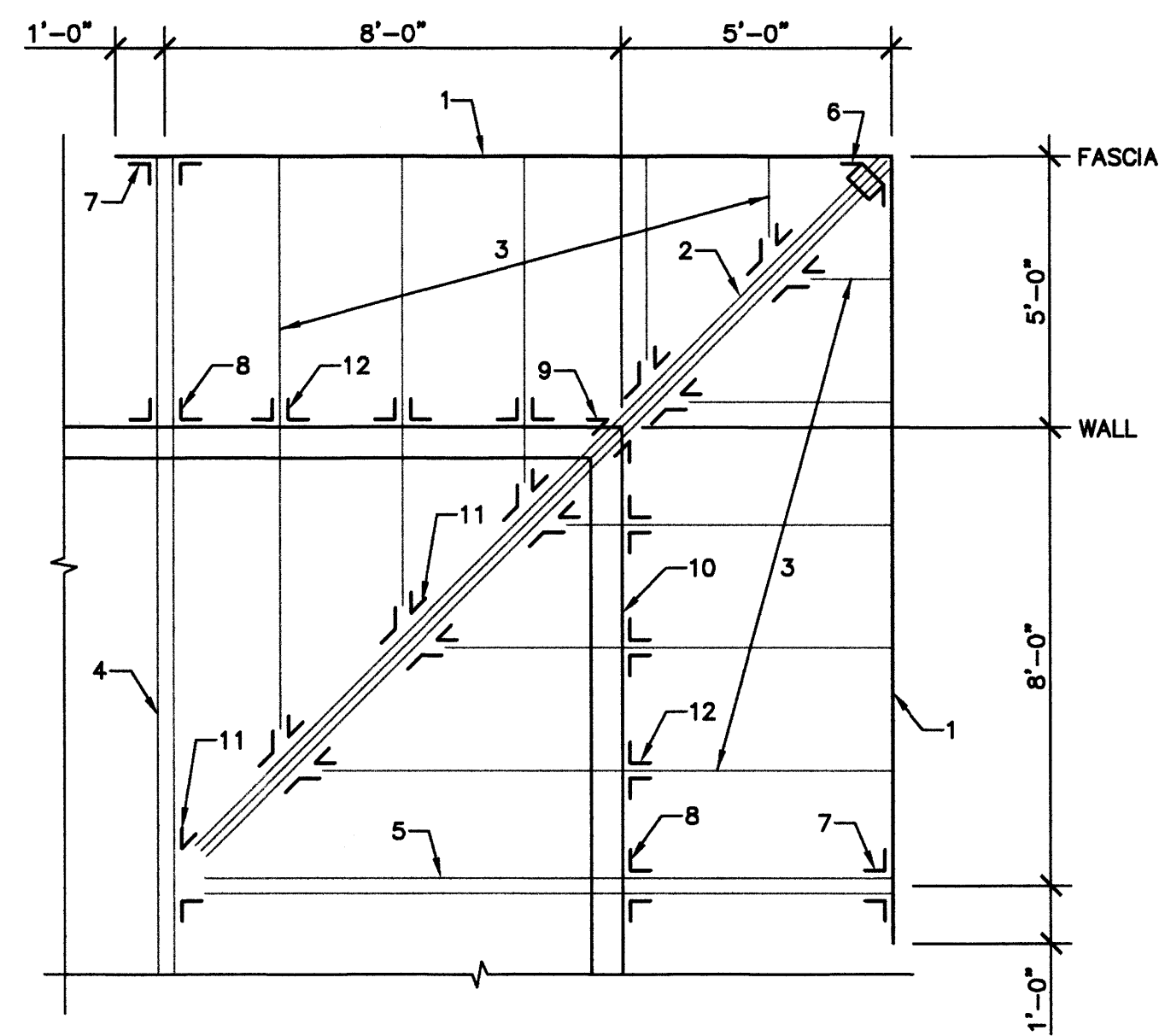
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DATE: 12/14/12  
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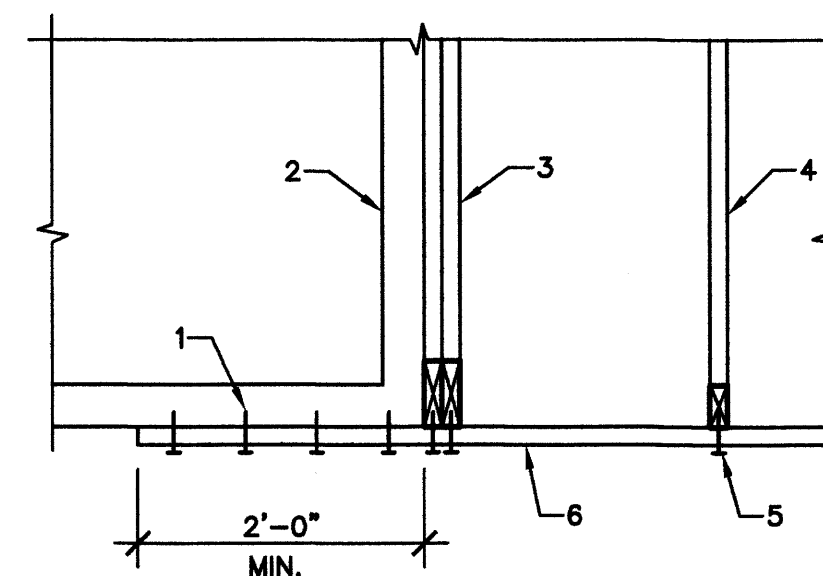
S-501  
FRAMING  
DETAILS



1. 1 3/4 x 9 1/4" LVL STRUCT FASCIA. EXTEND CONT 6" MIN PAST DBL GIRDER TRUSS
2. DBL CORNER TRUSS. DESIGN W/1200# POINT LOAD @ STRUCTURAL FASCIA
3. JACK TRUSS. STUB FOR STRUCTURAL FASCIA. ATTACH TO STRUCTURAL FASCIA W/SIMPSON A35
4. DBL GIRDER TRUSS. STUB FOR STRUCTURAL FASCIA. DESIGN FOR 530# POINT LOAD @ STRUCTURAL FASCIA
5. DBL GIRDER JACK. STUB FOR STRUCTURAL FASCIA. DESIGN W/530# POINT LOAD @ STRUCTURAL FASCIA
6. SIMPSON LSSU210-2. INSTALL INVERTED. WINGS OF HANGER ATTACH TO INSIDE FACE OF EACH STRUCTURAL FASCIA. JOIST SEAT OF HANGER IS ON TOP OF GIRDER TRUSS TO CHORD. USE 0.148x3" NAILS TO STRUCTURAL FASCIA
7. SIMPSON A35 EA FACE GIRDER/JACK TO STRUCT FASCIA
8. SIMPSON H10-2. DBL GIRDER TO WALL. SIMPSON HTS30C EA FACE DBL CORNER TRUSS TO WALL STUDS BELOW. APPLY OVER WALL SHEATHING. BEND ONE TIME ONLY
10. STUD WALL BELOW
11. TRUSS TO TRUSS CONN BY TRUSS MFG. HANGER REQUIRED AT ALL CONNECTIONS.
12. ATTACH EA TYP JACK TO WALL OR BEAM W/SIMPSON H10A

### 1 TYPICAL ROOF CORNER

SCALE: 3/8" = 1'-0"

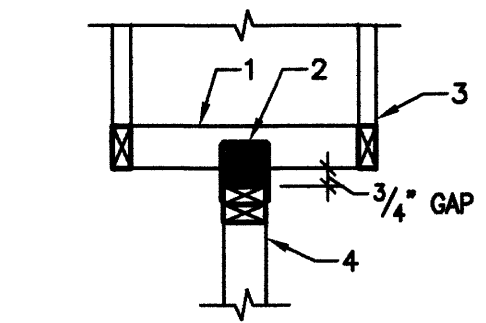


1. (4) NAILS @ 8" OC TO JACK BOT CHORD
2. JACK BOT CHORD
3. GIRDER TRUSS
4. ROOF TRUSS
5. (2) NAILS TO EA TRUSS
6. 2x4 HORIZ BOT CHORD BRACE. EXTEND ONTO JACK BOTTOM CHORD

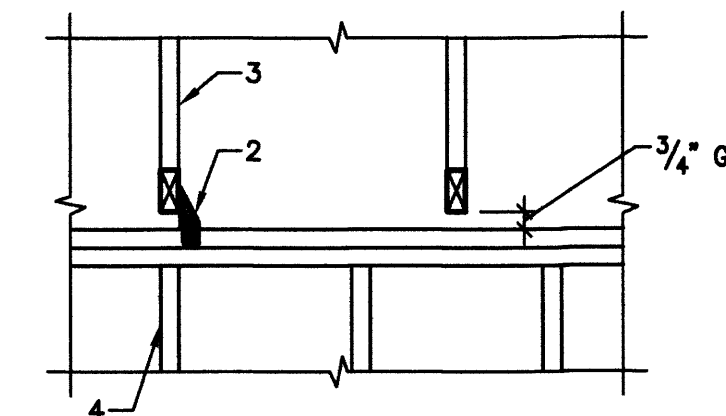
NOTE:  
SPICES @ 2x4 HORIZ  
BOTTOM CHORD BRACE  
SHALL OVERLAP (2)  
TRUSSES MIN

### 3 TRUSS BOTTOM CHORD BRACING

SCALE: 3/4" = 1'-0"



WALL PARALLEL TO TRUSS



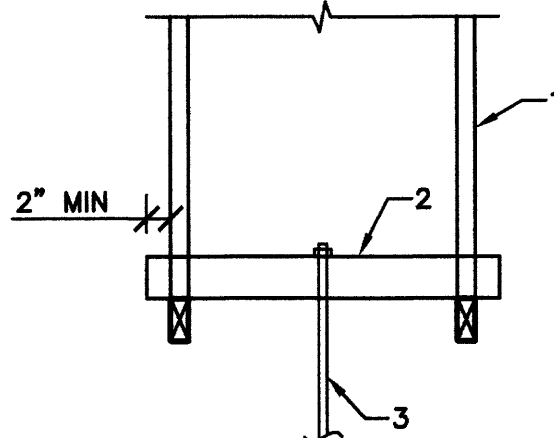
WALL PERPENDICULAR TO TRUSS

1. 2x4 BLKG @ CLIP
2. SIMPSON HTC4 @ 10'-0" OC MAX ALONG WALL
3. ROOF TRUSS
4. INTERIOR NON-BEARING WALL W/DBL TOP PLATE

NOTE:  
HTC4 AND BLOCKING ARE NOT REQUIRED WHERE INTERSECTING WALLS OCCUR CLOSER THAN 10'-0" APART

### 4 NON-STRUCTURAL WALLS TO TRUSSES

SCALE: 3/4" = 1'-0"



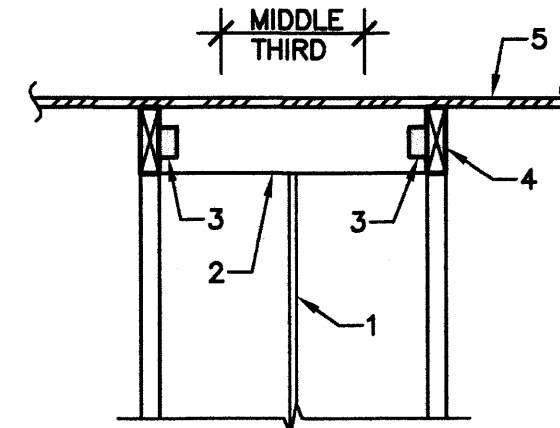
1. ROOF TRUSSES @ 24" OC
2. 3x4 MIN. TOE NAIL TO TRUSS BOTTOM CHORD W/(2) NAILS EA END
3. MECH SUPPORT. SEE NOTES

NOTES:

- A. MAX SUSPENDED LOAD IS 450#
- B. FOR LOADS GREATER THAN 450# OR FOR ALTERNATE CONNECTION DETAILS, CONTACT STRUCTURAL ENGINEER FOR REVIEW
- C. CONTRACTOR MAY SUBSTITUTE UNISTRUT OR OTHER PROPERLY SIZED AND SUPPORTED MEMBER FOR 3x CROSS MEMBER
- D. THE FOLLOWING LOADS MAY BE SUPPORTED DIRECTLY FROM TRUSS BOTTOM OR TOP CHORDS WITH 1/4" MAXIMUM DIAMETER WOOD SCREW EMBEDDED 2" INTO TRUSS CHORD.  
SPRINKLER LOAD: 110# OR LESS  
NON-SPRINKLER LOAD: 200# OR LESS  
DO NOT PREDRILL. USE SELF-DRILLING SCREW.

### 5 CONNECTION TO TRUSS

SCALE: 3/4" = 1'-0"



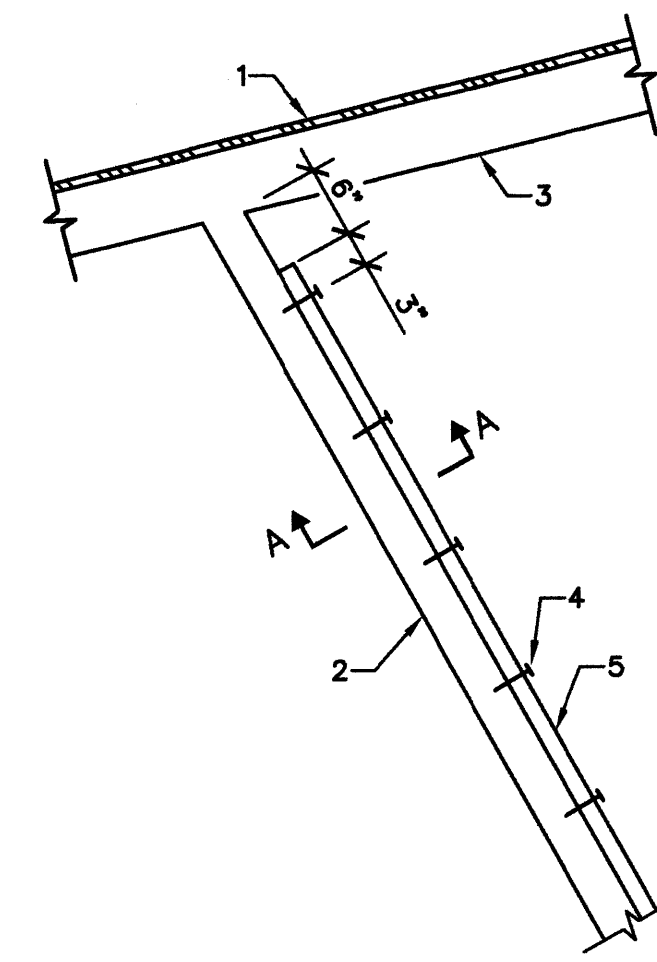
1. MECHANICAL SUPPORT BY OTHERS. LOCATE IN MIDDLE THIRD OF BLOCK
2. 4x6 BLOCK
3. SIMPSON A34 EA FACE OF 4x6 BLOCK TO ROOF JOIST/TRUSS
4. ROOF TRUSS OR ROOF JOIST
5. ROOF SHEATHING

NOTES:

- A. MAX LOADS 450#
- B. FOR LOADS GREATER THAN 450# OR FOR ALTERNATE CONNECTION DETAILS, CONTACT STRUCTURAL ENGINEER FOR REVIEW
- C. THE FOLLOWING LOADS MAY BE SUPPORTED DIRECTLY FROM TRUSS BOTTOM OR TOP CHORDS WITH 1/4" MAXIMUM DIAMETER WOOD SCREW EMBEDDED 2" INTO TRUSS CHORD.  
SPRINKLER LOAD: 110# OR LESS  
NON-SPRINKLER LOAD: 200# OR LESS  
DO NOT PREDRILL. USE SELF-DRILLING SCREW.

### 6 MECH CONNECTION TO TRUSS/JOIST

SCALE: 3/4" = 1'-0"



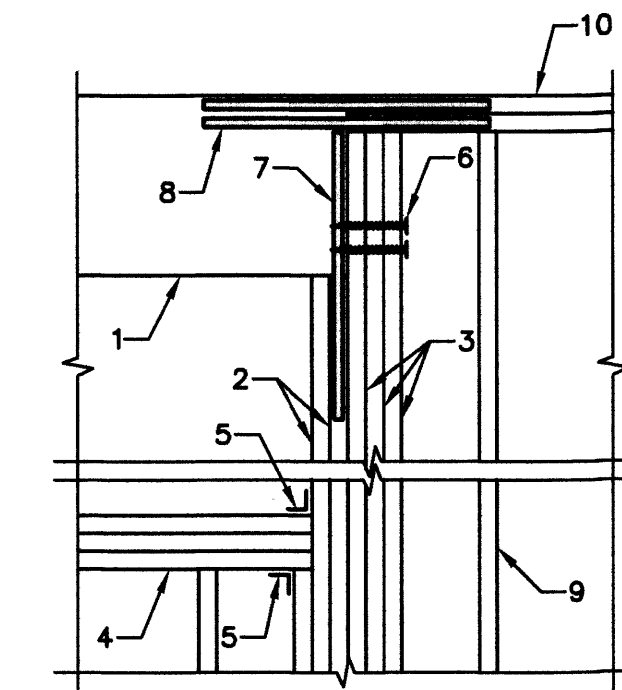
1. ROOF SHEATHING
2. TRUSS WEB W/BRACE INDICATED ON TRUSS SHOP DRWGS
3. ROOF TRUSS
4. NAIL @ 12" OC
5. 2x T-BRACE. SEE NOTE BELOW

SECTION A-A

NOTE:  
USE 2x4 T-BRACE FOR WEB MEMBER TO 6'.  
USE 2x6 T-BRACE FOR WEB MEMBERS 6' TO 10'.

### 7 T-BRACE ALTERNATE

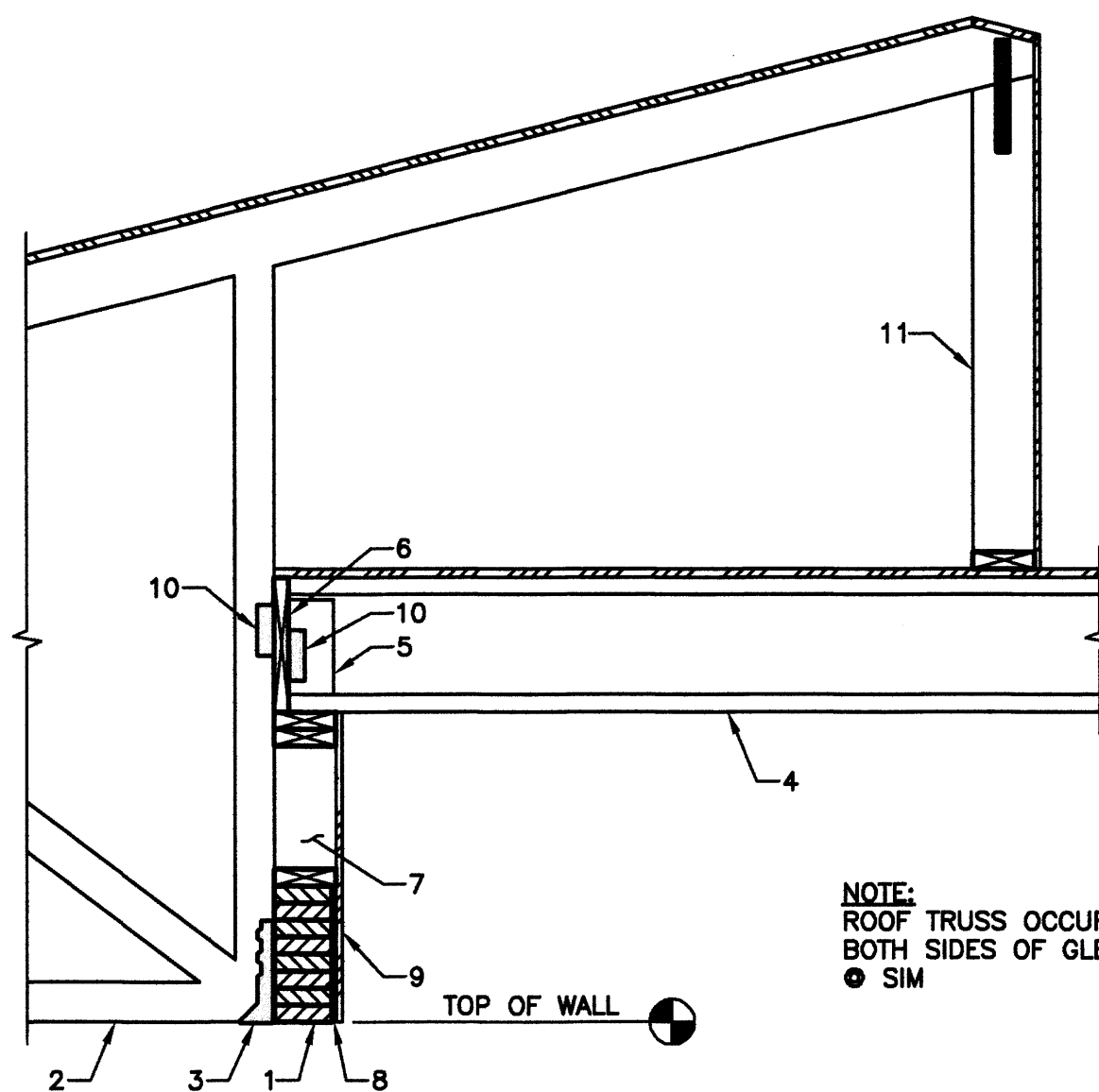
SCALE: 3/4" = 1'-0"



1. 5 1/8" GLB HEADER
2. (2) TRIM STUDS
3. (3) KING STUDS
4. (3) 1 3/4 x 5 1/2" LVL WINDOW SILL PLATE
5. SIMPSON A35 SILL TO JAMB STUDS
6. (2) SIMPSON SDS 1/4x6" WOOD SCREWS TO END OF GLB
7. SIMPSON LSTA24 TO TRIM STUD
8. SIMPSON LSTA24 GLB TO EA 2x6 TOP PLATE
9. TYP WALL STUD
10. WALL TOP PLATE

### 8 JAMB @ H1

SCALE: 3/4" = 1'-0"



1. 5 1/8" GLULAM. ATTACH EA END TO BRG STUD W/SIMPSON LSTA24
2. ROOF TRUSS W/TOP CHORD EXTENSION
3. SIMPSON HUS210 (HUS210-2 @ DBL)
4. ROOF JOIST @ MECH WELL
5. WEB STIFF EA FACE
6. 1 1/2 x 11 7/8" LSL RIM JOIST
7. 2x6 @ 16" OC PONY WALL
8. SHIM FACE OF GLB TO FACE OF STUD
9. WALL SHEATHING
10. SIMPSON A35 EA JOIST & TRUSS TO RIM
11. 2x6. SEE 2/S-501

NOTE:  
ROOF TRUSS OCCURS BOTH SIDES OF GLB @ SIM

### 9 ROOF @ CORRIDOR BEAM

SCALE: 3/4" = 1'-0"

REVISIONS

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DATE: 12/14/12  
PROJECT NO: 1226.00  
SHEET:  
**S-502**  
FRAMING  
DETAILS

**GENERAL SHEET NOTES**

A. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.

**SHEET KEYNOTES**

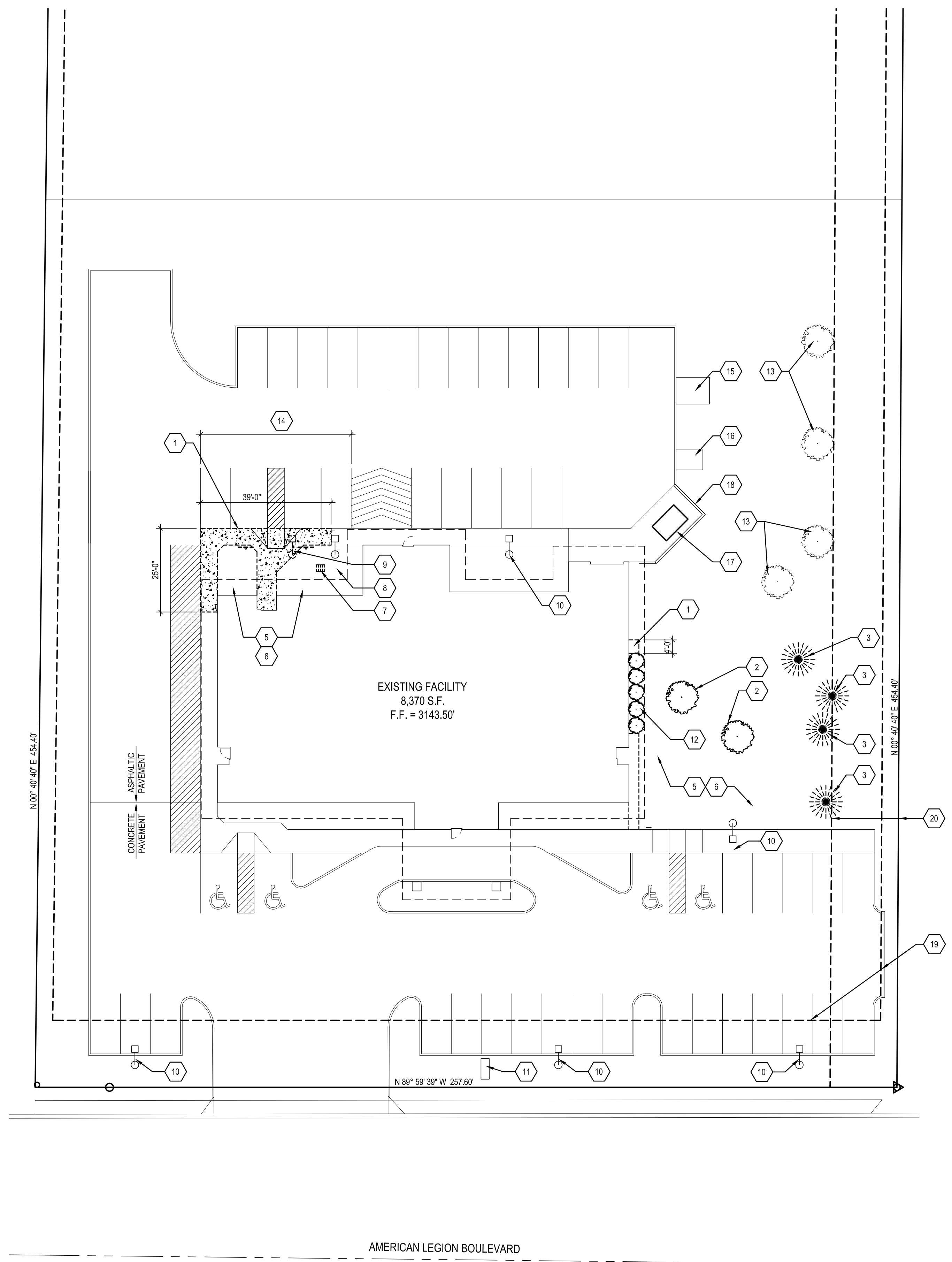
1. REMOVE SIDEWALK, PROTECT BUILDING, AND CURBING TO REMAIN.
2. EXISTING DECIDUOUS TREE TO BE REMOVED.
3. EXISTING CONIFEROUS TREE TO BE RELOCATED PER OWNER'S DIRECTION (SMALL, 5-6 CAL.)
4. NOT USED.
5. SOD AND TOPSOIL TO BE REMOVED. COORDINATE WITH OWNER LOCATION OF STOCKPILE.
6. CAP OFF SPRINKLER LINES TO THIS AREA, PREP FOR NEW LINES AFTER FACILITY CONSTRUCTION CENTER IN LANDSCAPE AREA.
7. MOVE SITE DRAIN AWAY FROM NEW CONSTRUCTION CENTER IN LANDSCAPE AREA.
8. REMOVE SOD FROM THIS AREA. PROTECT TREES AND SHRUBS.
9. EXISTING PARKING LOT LIGHT FIXTURE TO BE DISCONNECTED, REMOVED AND SET ASIDE FOR RELOCATION.
10. EXISTING PARKING LOT LIGHT FIXTURES TO REMAIN ON PLACE AND PROTECTED.
11. EXISTING SIGN.
12. EXISTING SHRUBS TO BE REMOVED.
13. EXISTING TREES TO REMAIN.
14. REMOVE STRIPING.
15. EXISTING OUTBUILDING.
16. EXISTING GENERATOR.
17. EXISTING DUMPSTER LOCATION.
18. EXISTING DUMPSTER SCREEN.
19. BUILDING SETBACK LINES.
20. UTILITY EASEMENT.

REVISIONS

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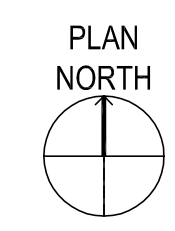
**DESERT SAGE HEALTH CENTER  
 ADDITION AND REMODEL  
 MOUNTAIN HOME, IDAHO**

DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET:  
**AD-101**  
 DEMOLITION  
 SITE PLAN



**DEMOLITION SITE PLAN**

SCALE 1" = 20'



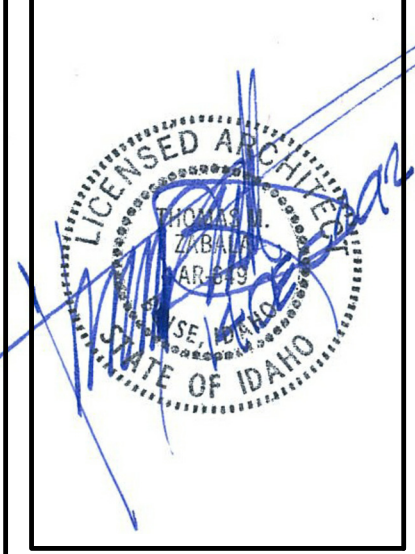
AMERICAN LEGION BOULEVARD

### GENERAL SHEET NOTES

- A. REMOVE EXISTING LIGHTS, OUTLETS AND OTHER ELECTRICAL ITEMS IN AREAS INDICATED FOR DEMOLITION. SEE ELECTRICAL DRAWINGS.
- B. COORDINATE TERMINATION OF PLUMBING, ELECTRICAL, MECHANICAL AND COMMUNICATION SERVICES WITH OWNER PRIOR TO PROCEEDING WITH WORK. COORDINATE WITH MECHANICAL & ELECTRICAL DRAWINGS.
- C. PROTECT ALL ADJACENT SPACES, WALLS, ETC. DURING CONSTRUCTION, PATCH & REPAIR OR REPLACE ANY DAMAGE CAUSED BY THIS WORK.
- D. COORDINATE WITH OWNER PRIOR TO PROCEEDING WITH WORK TO DETERMINE WHICH ITEMS SHALL BE SALVAGED FOR THE OWNERS USE.
- E. REMOVE RESILIENT FLOOR COVERING, CARPET, AND OTHER FLOOR COVERING IN AREA OF WORK UNLESS NOTED OTHERWISE.
- F. REMOVE WALL MOUNTED ACCESSORY ITEMS ON WALLS INDICATED FOR DEMOLITION.
- G. VERIFY WITH OWNER EQUIPMENT, ACCESSORIES, AND FIXTURES TO BE SET ASIDE AND PROTECTED.

### SHEET KEYNOTES

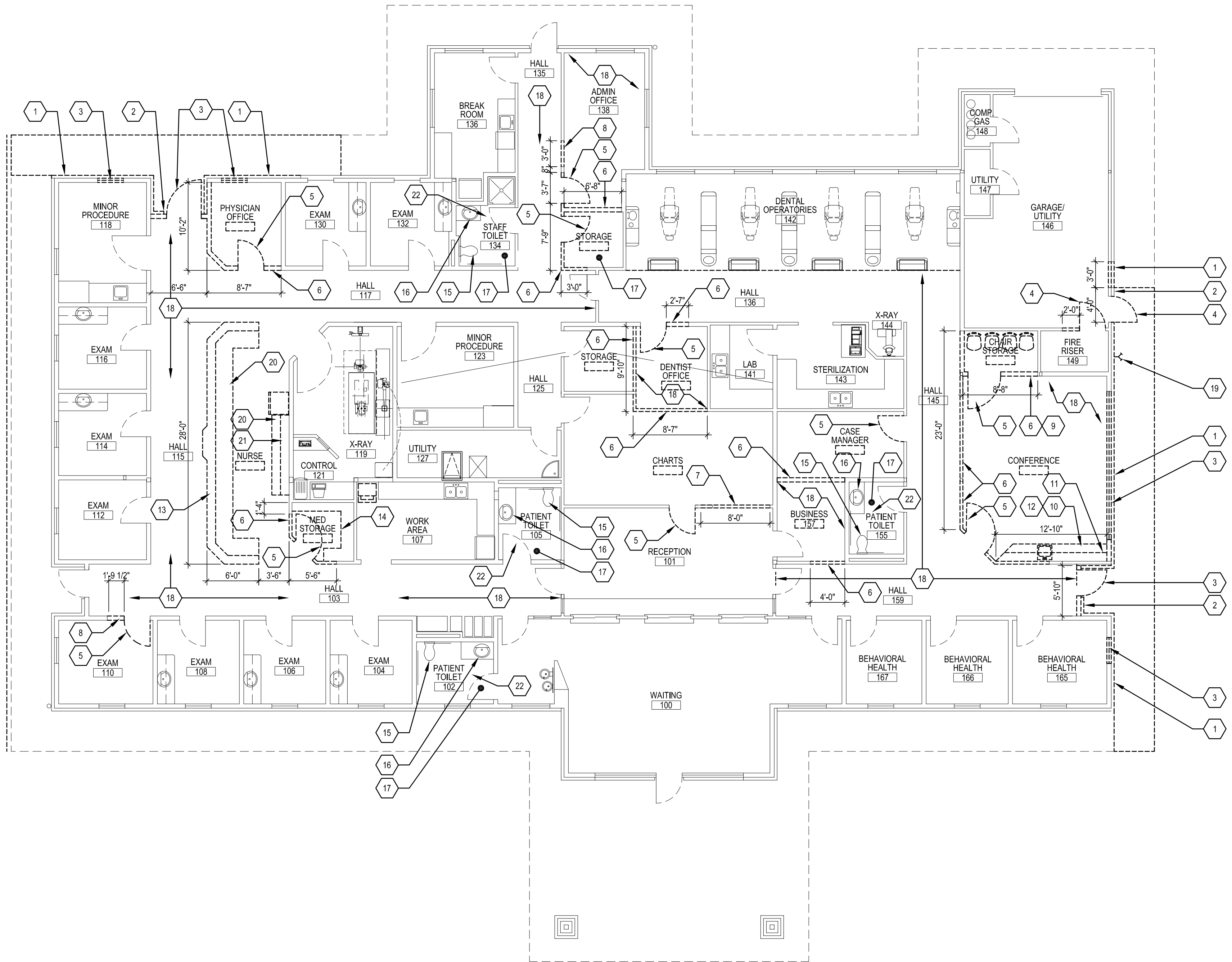
- 1. REMOVE EXISTING ACMV STONE AND EIFS FROM WALL. REMOVE ALL SUBSTRATES DOWN TO SHEATHING. CLEAN AND PREP SHEATHING FOR NEW FINISHES.
- 2. REMOVE EXISTING EXTERIOR WALL, REFRAME OPENING PER STRUCTURAL DRAWINGS AS NECESSARY.
- 3. REMOVE EXISTING STOREFRONT ASSEMBLY (DOOR OR WINDOW), SET ASIDE AND PROTECT FOR REINSTALLATION.
- 4. REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. SET ASIDE AND PROTECT FOR REINSTALLATION.
- 5. REMOVE EXISTING WOOD DOOR, FRAME AND TRIM (AND SIDELIGHT IF APPLICABLE) SET ASIDE AND PROTECT FOR REINSTALLATION.
- 6. EXISTING INTERIOR WALL TO BE REMOVED FROM FLOOR TO ABOVE CEILING.
- 7. PROVIDE OPENING IN EXISTING INTERIOR WALL FOR WINDOW, REFRAME OPENING PER STRUCTURAL DRAWINGS AS NECESSARY.
- 8. PROVIDE OPENING IN EXISTING INTERIOR WALL FOR DOOR, REFRAME OPENING PER STRUCTURAL DRAWINGS AS NECESSARY.
- 9. SHORE STRUCTURE ABOVE FOR BEAM INSTALLATION (BEARING WALL CONDITION). SEE STRUCTURAL DRAWINGS.
- 10. REMOVE AND PROTECT EXISTING BASE CABINETS FOR REINSTALLATION.
- 11. REMOVE AND PROTECT EXISTING UPPER CABINETS FOR REINSTALLATION.
- 12. REMOVE AND DISCARD EXISTING PLASTIC LAMINATE COUNTER TOP AND SPLASH.
- 13. REMOVE, AND DISCARD EXISTING SOLID SURFACE COUNTERTOP.
- 14. REMOVE AND DISCARD EXISTING SHELVES.
- 15. REMOVE EXISTING TOILET, SET ASIDE AND PROTECT FOR REINSTALLATION IN SAME LOCATION.
- 16. REMOVE EXISTING SINK AND CABINET, SET ASIDE AND PROTECT FOR REINSTALLATION IN SAME LOCATION.
- 17. REMOVE EXISTING SHEET VINYL AND RUBBER BASE DOWN TO EXISTING SUBFLOOR, PREPARE SURFACES FOR NEW FINISHES.
- 18. REMOVE EXISTING CARPET DOWN TO EXISTING SUBFLOOR. PREPARE SURFACES FOR NEW FINISHES, REMOVE AND PROTECT EXISTING WOOD BASE FOR REINSTALLATION.
- 19. REMOVE EXISTING SIAMSESE CONNECTION. SEE MECHANICAL.
- 20. REMOVE AND DISCARD EXISTING BASE CABINETS.
- 21. REMOVE AND DISCARD EXISTING UPPER CABINETS.
- 22. REMOVE EXISTING GYPSUM BOARD AT NEW WAINSCOT AREAS.



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**DESERT SAGE HEALTH CENTER  
 ADDITION AND REMODEL  
 MOUNTAIN HOME, IDAHO**

DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET:  
**AD-102**  
 DEMOLITION  
 FLOOR PLAN



**A1 DEMOLITION FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

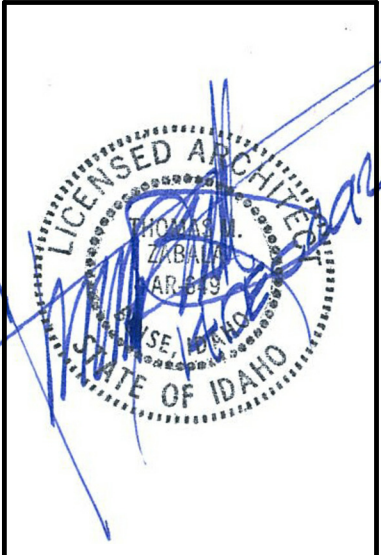


### GENERAL SHEET NOTES

- A. REMOVE EXISTING LIGHTS, OUTLETS AND OTHER ELECTRICAL ITEMS IN AREAS INDICATED FOR DEMOLITION. SEE ELECTRICAL DRAWINGS.
- B. COORDINATE TERMINATION OF PLUMBING, ELECTRICAL, MECHANICAL AND COMMUNICATION SERVICES WITH OWNER PRIOR TO PROCEEDING WITH WORK. COORDINATE WITH MECHANICAL & ELECTRICAL DRAWINGS.
- C. PROTECT ALL ADJACENT SPACES, WALLS, ETC. DURING CONSTRUCTION, PATCH & REPAIR OR REPLACE ANY DAMAGE CAUSED BY THIS WORK.
- D. COORDINATE WITH OWNER PRIOR TO PROCEEDING WITH WORK TO DETERMINE WHICH ITEMS SHALL BE SALVAGED FOR THE OWNERS USE.
- E. REMOVE RESILIENT FLOOR COVERING, CARPET, AND OTHER FLOOR COVERING IN AREA OF WORK UNLESS NOTED OTHERWISE.
- F. REMOVE WALL MOUNTED ACCESSORY ITEMS ON WALLS INDICATED FOR DEMOLITION.
- G. VERIFY WITH OWNER EQUIPMENT, ACCESSORIES, AND FIXTURES TO BE SET ASIDE AND PROTECTED.

### SHEET KEYNOTES

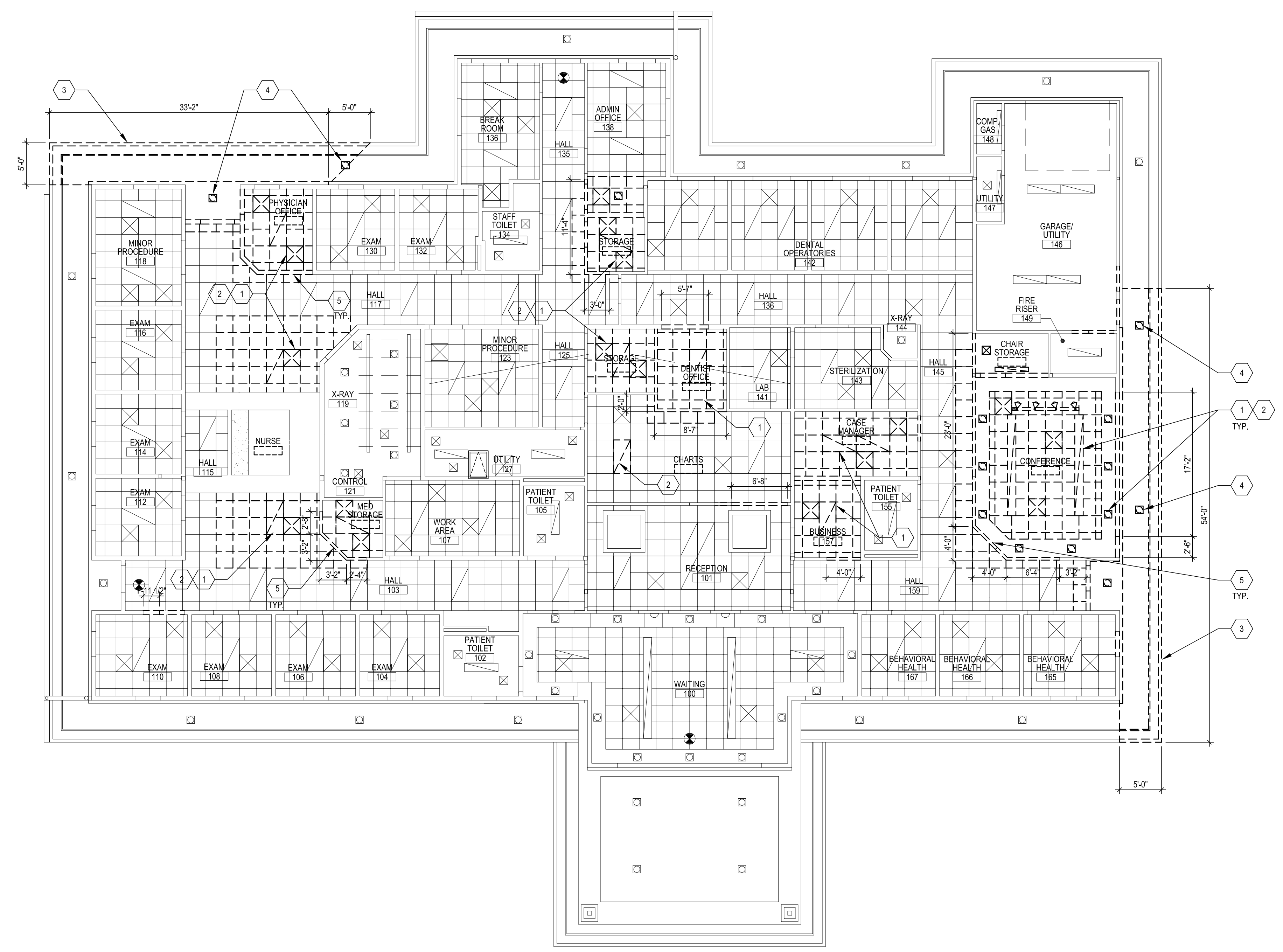
- 1. REMOVE SUSPENDED ACOUSTIC CEILING PANELS THIS AREA.
- 2. EXISTING MECHANICAL GRILLS AND LIGHT FIXTURES TO BE RELOCATED, COORDINATE LOCATION WITH CORRESPONDING PLANS.
- 3. REMOVE PORTION OF EXISTING OVERHANG.
- 4. EXISTING EXTERIOR LIGHTS TO BE RELOCATED, COORDINATE NEW LOCATION WITH REFLECTED CEILING PLAN.
- 5. REMOVE CROWN MOULDING AT WALL DEMOLITION AREAS, SET ASIDE AND PROTECT MOULDING FOR REINSTALLATION.



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 ADDITION AND REMODEL**  
 MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET: **AD-103**  
 DEMOLITION REFLECTED CEILING PLAN



**A1** DEMOLITION REFLECTED CEILING PLAN  
 SCALE: 1/8" = 1'-0"



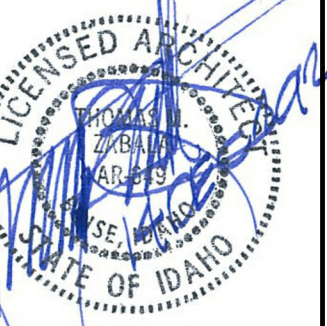
GENERAL SHEET KEYNOTES

A. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.

SHEET KEYNOTES

1. CONCRETE TILE TO BE REMOVED. SET ASIDE AND PROTECTED FOR REINSTALLATION. REMOVE EXISTING FURRING AND FELT.
2. REMOVE SNOW CLEATS, SET ASIDE FOR REINSTALLATION.
3. REMOVE TILES AS NECESSARY FOR BLENDING.
4. EAVE STRUCTURE TO BE REMOVED. SEE DETAIL 9, SHEET S-501.
5. GUTTER AND DOWNSPOUT TO BE REMOVED AND DISCARDED.
6. EXISTING CONCRETE TILE ROOF.
7. EXISTING MODIFIED BITUMEN ROOF.
8. EXISTING HVAC UNITS.
9. EXISTING SKYLIGHTS.
10. EXISTING ROOF ACCESS HATCH.
11. EXISTING ROOF DRAIN.
12. EXISTING ROOF OVERFLOW.

REVISIONS

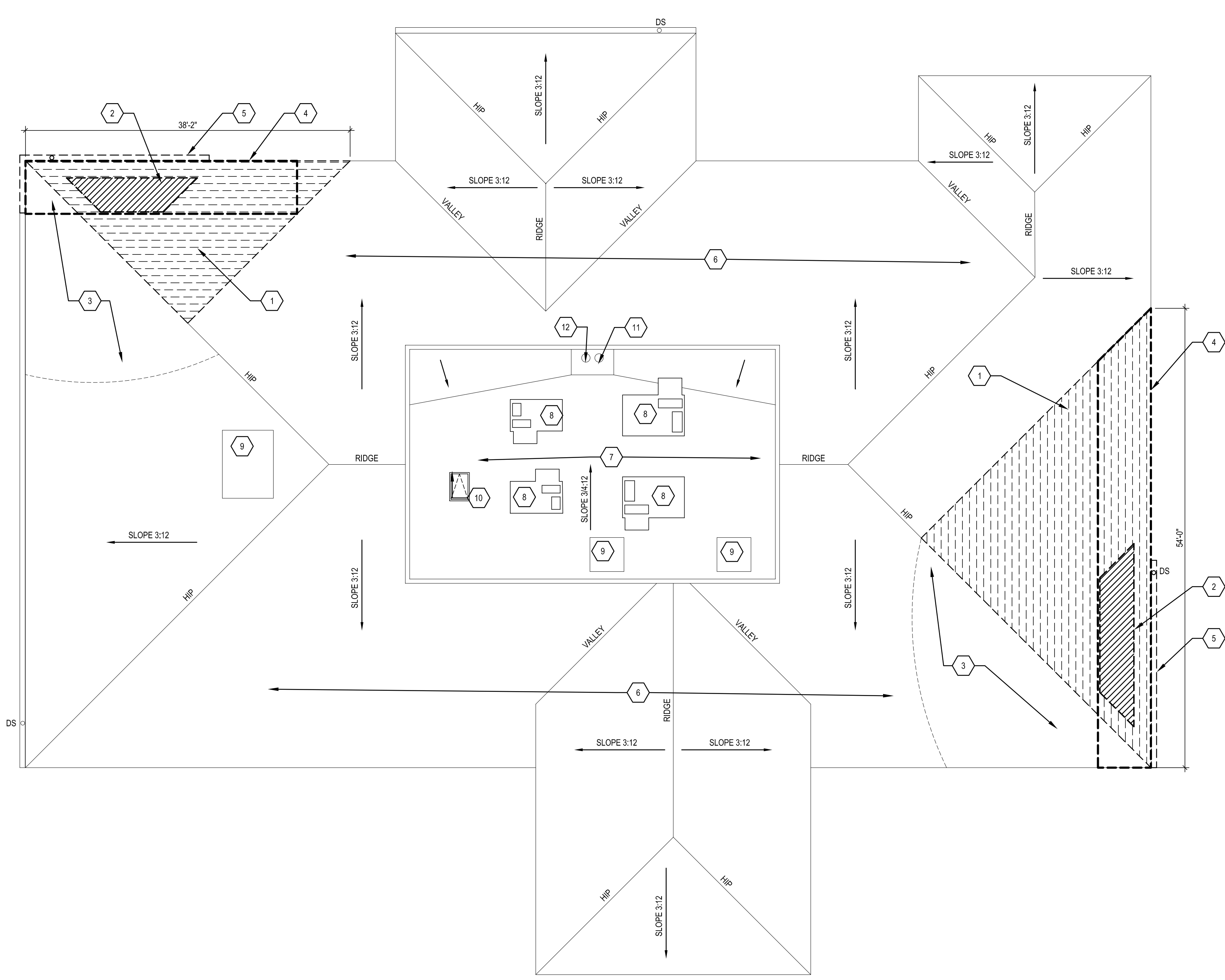


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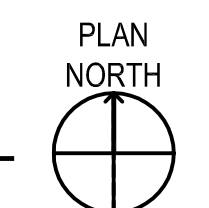
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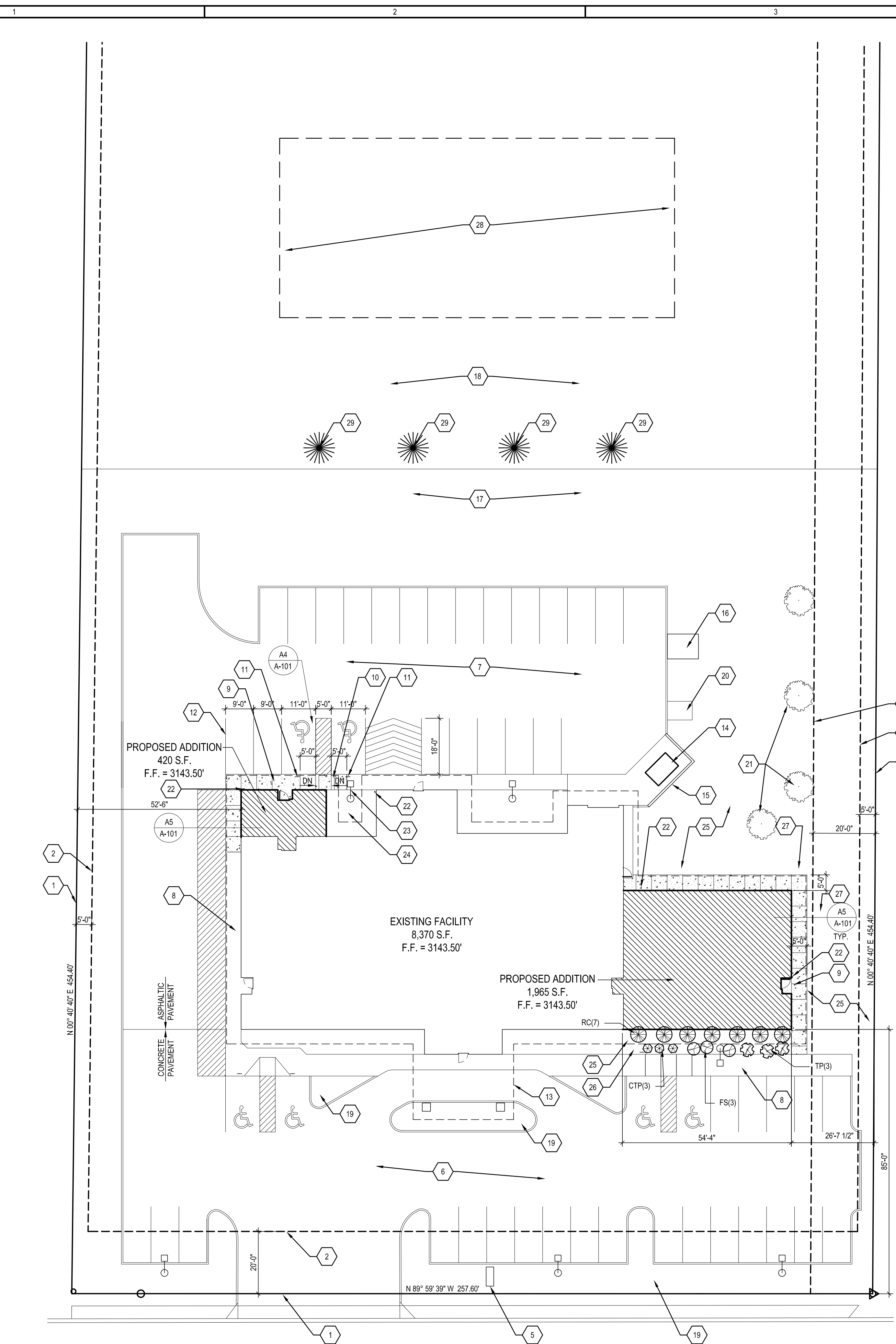
DATE: 12/14/2012  
 PROJECT NO: 1226.00

SHEET:  
**AD-104**  
 DEMOLITION  
 ROOF PLAN

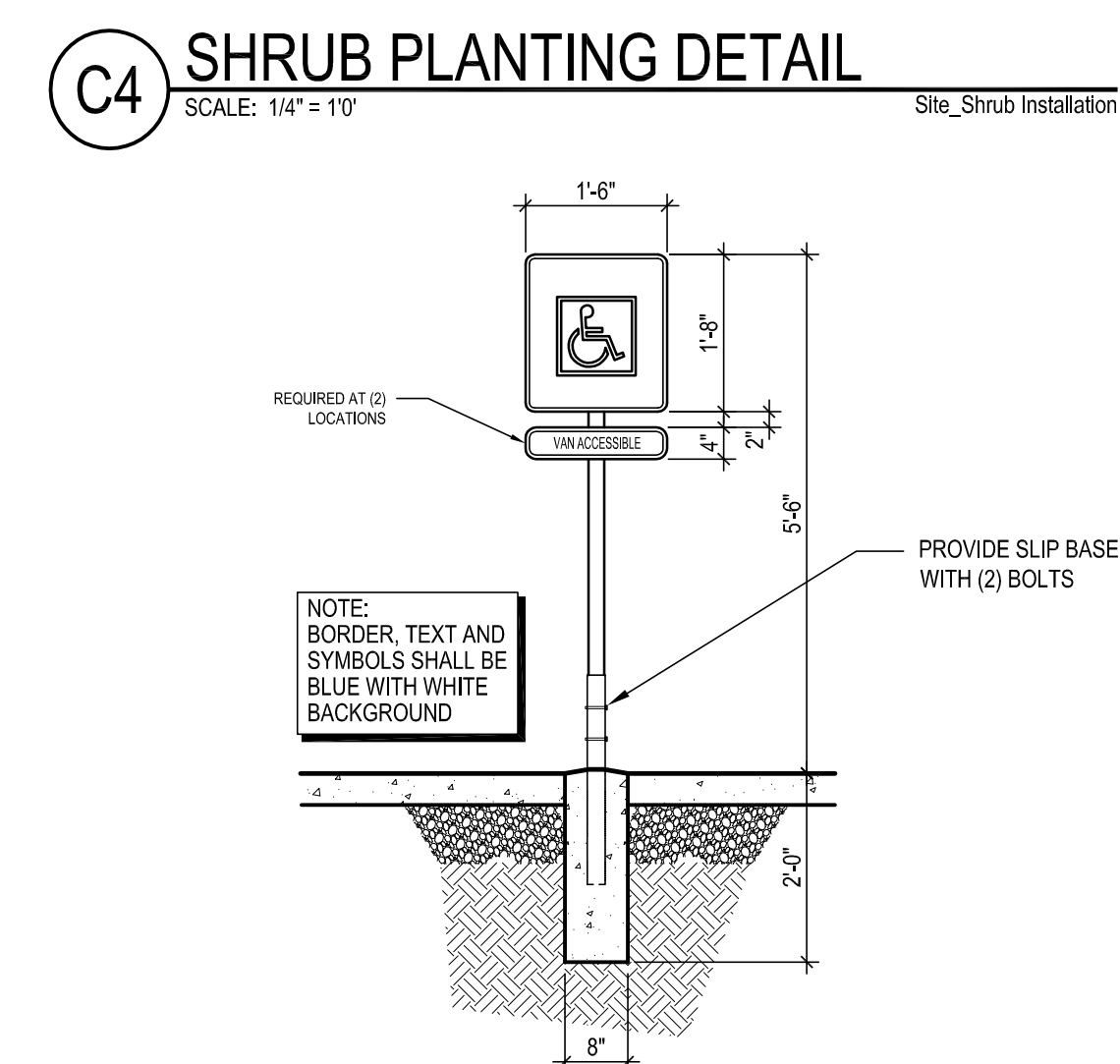
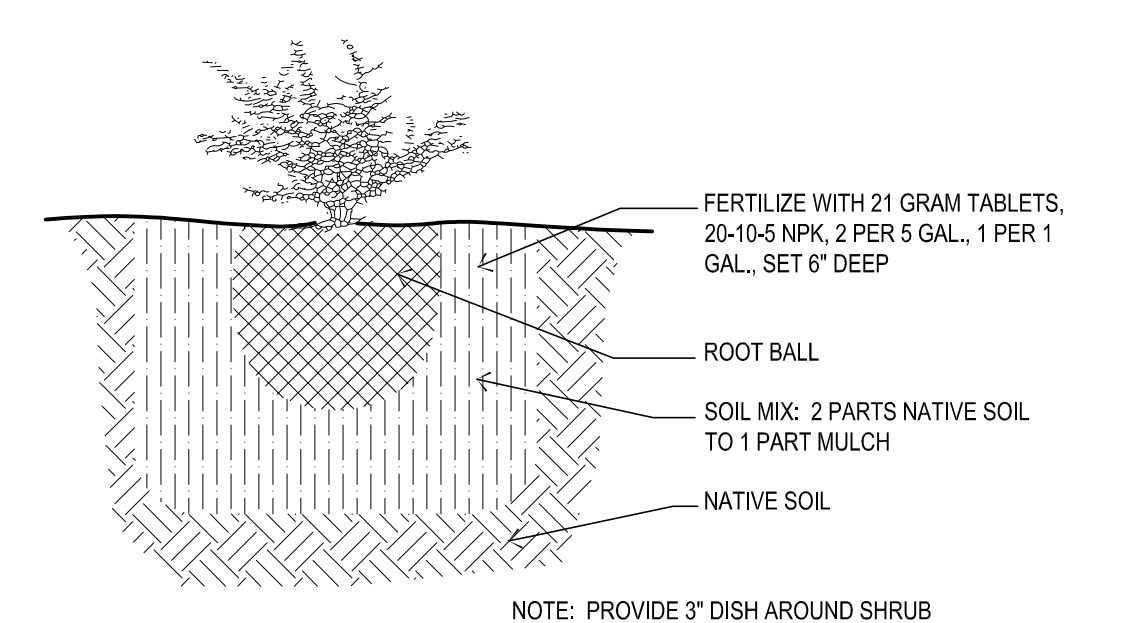


**A1** DEMOLITION ROOF PLAN  
 SCALE: 1/8" = 1'-0"





**A1 SITE/LANDSCAPE PLAN**  
SCALE: 1"=20'-0"



**A4 H/C PARKING SYMBOL**  
SCALE: 3/4" = 1'-0"

**GENERAL SHEET NOTES**

- A. DO NOT SCALE DRAWINGS
- B. VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION
- C. VERIFY ALL DIMENSIONS

**SHEET KEYNOTES**

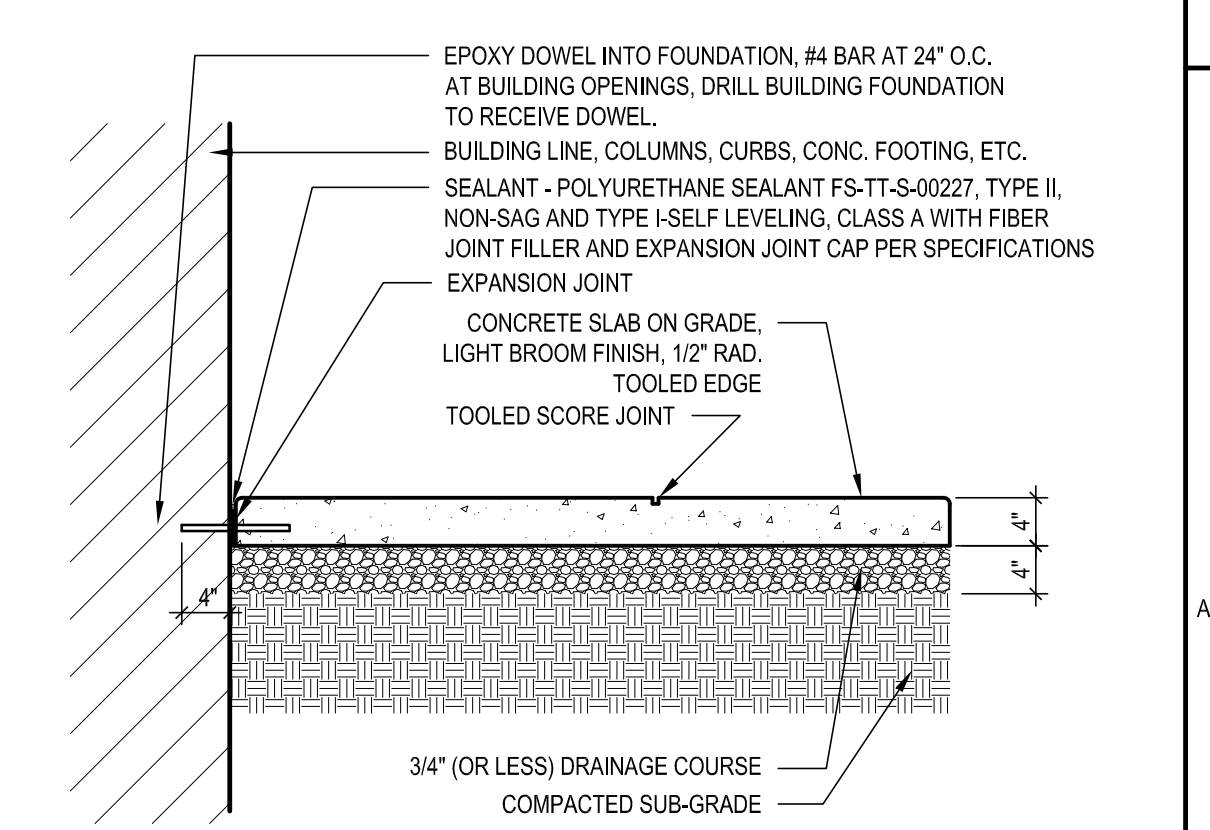
- 1. PROPERTY LINE.
- 2. SETBACK.
- 3. UTILITY EASEMENT.
- 4. NOT USED.
- 5. EXISTING SIGNAGE.
- 6. EXISTING CONCRETE PAVEMENT.
- 7. EXISTING ASPHALTIC PAVEMENT.
- 8. EXISTING CONCRETE SIDEWALK.
- 9. NEW CONCRETE SIDEWALK.
- 10. NEW ACCESSIBLE RAMP.
- 11. EXISTING ACCESSIBLE SIGNAGE MOVED TO NEW LOCATION. SEE DETAIL B4/SHEET A-101 FOR MOUNTING.
- 12. NEW 4" STRIPING, WHITE.
- 13. OUTLINE OF EXISTING AND NEW ROOF.
- 14. EXISTING DUMPSTER LOCATION.
- 15. EXISTING DUMPSTER SCREEN.
- 16. EXISTING OUTBUILDING.
- 17. EXISTING SOD GRASS.
- 18. EXISTING SEED GRASS (UNDEVELOPED).
- 19. EXISTING LANDSCAPE.
- 20. EXISTING GENERATOR.
- 21. EXISTING TREE TO REMAIN.
- 22. PROVIDE CLOSED FLEXIBLE DOWNSPOUT CONNECTION AT GRADE TO PERIMETER DRAIN (4" DIA. PVC).
- 23. RELOCATED PARKING LOT LIGHT FIXTURE.
- 24. RIVER ROCK (10"± DEEP) OVER WEED BARRIER.
- 25. RECONFIGURE OR INSTALL IRRIGATION LINES AS NECESSARY TO PROVIDE COVERAGE IN THIS AREA.
- 26. MEDIUM BARK CHIP MULCH 6" OVER WEED BARRIER OVER TOPSOIL AT SHRUB AREA.
- 27. REPAIR LAWN AREAS WITH SOD.
- 28. APPROXIMATELY 300 C.Y. OF FILL. SPREAD EVENLY, COVER WITH SEED GRASS.
- 29. TRANSPLANTED CONIFEROUS TREES, VERIFY WITH OWNER LOCATION.

**LANDSCAPE SCHEDULE**

RC	CHOCHEBERRY - RED	5 GALLON
CTP	POTENTILLA - CORONATION TRIUMPH	5 GALLON
FS	FROBELI SPIREA	5 GALLON
TP	POTENTILLA - TANGERINE	5 GALLON

**GENERAL LANDSCAPE NOTES**

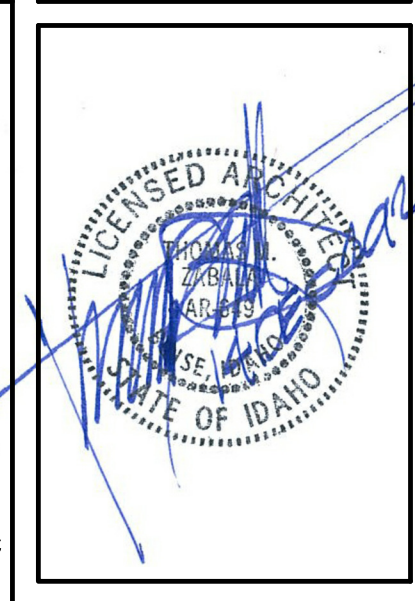
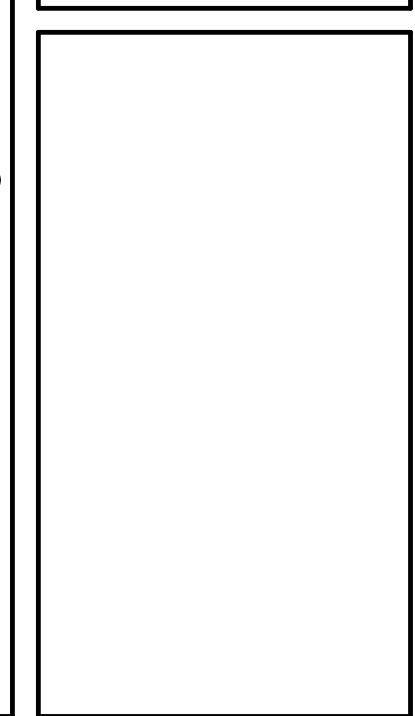
- A. MIN. TOPSOIL DEPTHS AT SHRUB BEDS - 12".
- B. ALL PLANTING/SHRUBS TO BE WARRANTED ONE FULL GROWING SEASON. REPLACE ANY DEAD OR DYING PLANT MATERIALS DURING WARRANTY PERIOD.
- C. TOPSOIL: ASTM D5268, PH RANGE 5.5 TO 7.4, FREE OF STONES 1" OR LARGER.



**A5 SIDEWALK DETAIL**  
SCALE: 3/4" = 1'-0"

REVISIONS

NO.	DESCRIPTION



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**DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO**

DATE:	12/14/2012
PROJECT NO.:	1226.00
SHEET:	<b>A-101</b>
SITE/LANDSCAPE PLAN	

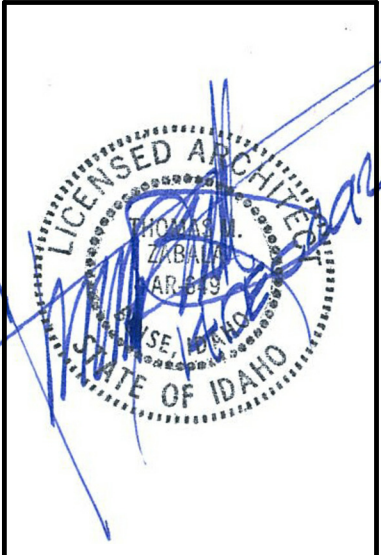
### GENERAL SHEET NOTES

- A. DIMENSIONS ARE TO:  
FACE OF STUD  
CENTERLINE OF WINDOW OR DOOR
- B. FOR WALL, FLOOR AND ROOF ASSEMBLIES, SEE SHEET A-602.
- C. ROOM FINISH SCHEDULES ON A-601.
- D. DOOR SCHEDULE ON SHEET A-601.
- E. FRAME TYPES ON SHEET A-601.
- F. PROVIDE BACKING IN WALLS FOR WALL MOUNTED ITEMS
- G. FIELD ADJUST NEW WALL ASSEMBLY THICKNESSES AS NECESSARY - TO MATCH THAT OF ADJACENT WALLS
- H. PATCH AND REPAIR WALL, BASE, & CEILING AS NECESSARY TO ACCOMMODATE NEW CONSTRUCTION. NEW FINISHES TO MATCH ADJACENT SURFACES
- J. PIPING ROUGH-IN STUB-UPS ARE TO BE AT CENTERLINE OF WALLS. DIMENSIONAL LOCATIONS OF WALLS MAY BE MOVED BY NO MORE THAN 1" TO ADJUST FOR EXISTING ROUGH-IN LOCATIONS. SUBMIT RFI IF GREATER THAN 1"

### FLOOR PLAN KEYNOTES

1. NEW ERGOTRON UNITS (A12) IN EXISTING EXAM AND PROCEDURE ROOMS. MOUNTING PER A-202. 'ACCESSORY MOUNTING SCHEDULE' REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. RELOCATED WINDOWS.
3. RELOCATED DOORS AND WINDOWS.
4. EXISTING OXYGEN AND NITROUS OXIDE CYLINDERS AND REGULATORS.
5. EXISTING DENTAL VACUUM.
6. EXISTING GAS METER, SEE PLUMBING PLANS.
7. EXISTING DATA AND POWER PANELS.
8. DOWNSPOUT.
9. RELOCATED FIRE DEPARTMENT CONNECTION. SEE PLUMBING DRAWINGS.
10. CRAWL SPACE ACCESS (EXISTING).
11. ROOF ACCESS, ABOVE (EXISTING).

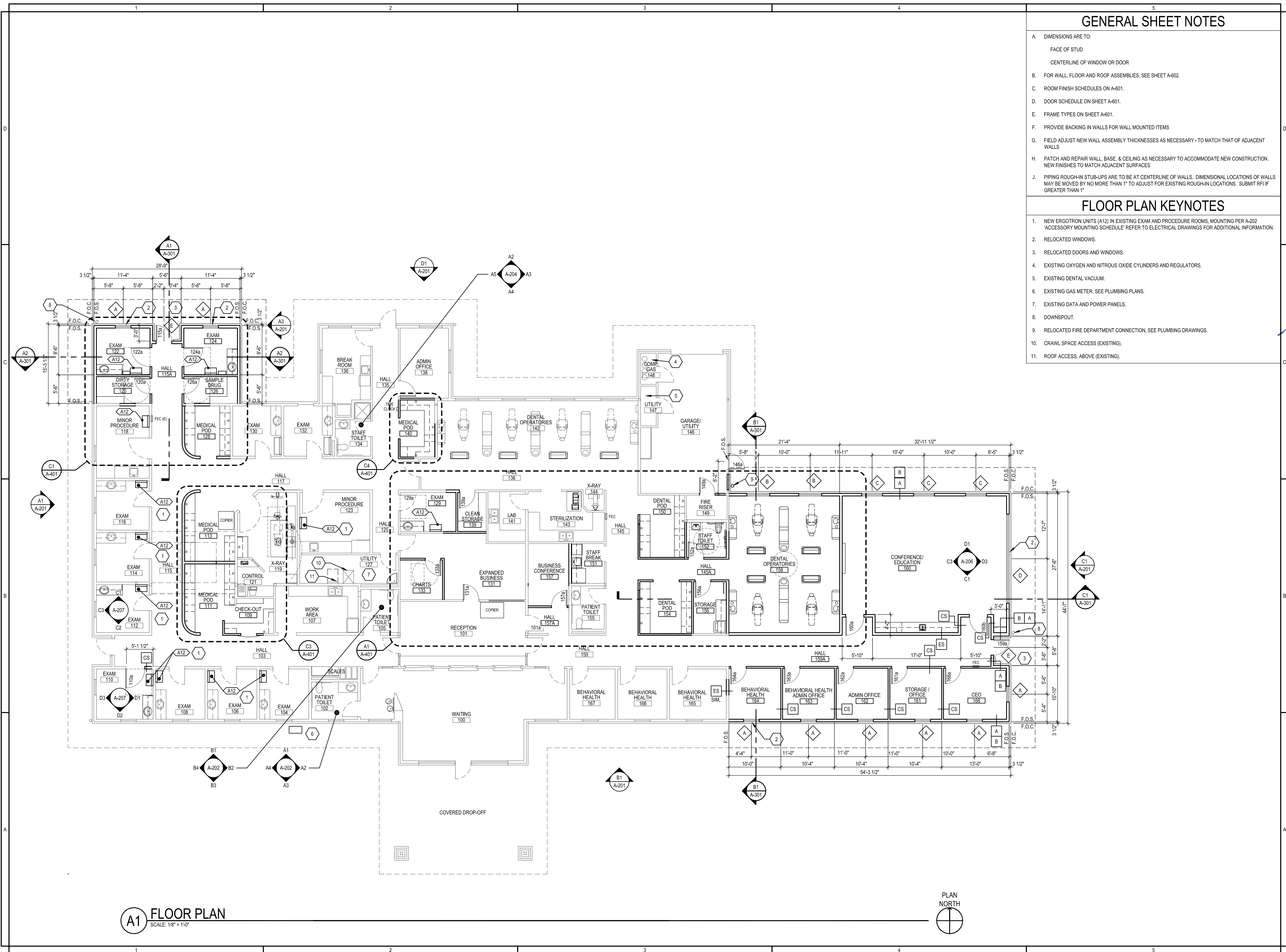
REVISIONS



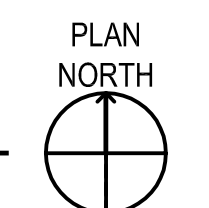
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DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET:  
**A-102**  
 FLOOR PLAN



**A1 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"





### GENERAL SHEET NOTES

- A. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- B. REPAIR AND SEAL ALL EXISTING INSULATION BATTS AND VAPOR RETARDERS AFTER ADJUSTMENTS AND MODIFICATIONS HAVE BEEN MADE TO THE MECHANICAL AND ELECTRICAL SYSTEMS.

### SHEET KEYNOTES

- 1. CROWN MOULDING WHERE SHOWN DASHED 3/4" x 5-1/2" LIGHT STAINED HARDWOOD, SEE DETAIL D1/A-503 FOR POSITION.
- 2. WOOD SOFFIT, SEE WALL SECTION A2/A-302 FOR CONSTRUCTION.

### CEILING NOTES

#### SUSPENDED CEILING SEISMIC PROVISIONS FROM CISCA 0-2 FOR DESIGN CLASS C.

- 1. EACH INDIVIDUAL FIXTURE AND ATTACHMENTS WITH A COMBINED WEIGHT OF 56 LBS. OR LESS SHALL HAVE TWO NO. 12 GAUGE WIRE HANGERS ATTACHED AT DIAGONAL CORNERS OF THE FIXTURE. THESE WIRES MUST BE SLACK. ANY FIXTURES AND ATTACHMENTS WITH A COMBINED WEIGHT GREATER THAN 56 LBS. MUST BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE.
- 2. THE MAIN RUNNER/CROSS RUNNER INTERSECTIONS AND ALL GRID SPLICES MUST HAVE AN AVERAGE ULTIMATE TEST STRENGTH OF 60 LBS. OR MORE IN BOTH TENSION AND COMPRESSION. THE TENSILE TEST MUST ALLOW FOR A 5" OFFSET OF THE CONNECTION IN ANY DIRECTION.
- 3. THE ACTUAL AVERAGE WEIGHT OF THE CEILING SYSTEM, INCLUDING GRID, PANELS OR TILE, LIGHT FIXTURES, AND AIR TERMINALS MUST BE 2.5 PSF OR LESS. ALL OTHER SERVICES MUST BE SUPPORTED INDEPENDENTLY FROM THE CEILING SYSTEM. FOR CEILING THAT HAVE AN AVERAGE WEIGHT GREATER THEN 2.5 PSF, THE CEILING MAY BE INSTALLED AS SPECIFIED IN CISCA ZONE 3-4 PROVISIONS, TAKING INTO ACCOUNT THE DESIGN LATERAL FORCE FACTOR APPROPRIATE FOR ZONE 2. OTHER DEVIATIONS OR VARIATIONS MUST BE SUBSTANTIATED BY VERIFIABLE ENGINEERING DATA.
- 4. THE CEILING SYSTEM CANNOT BE USED TO PROVIDE LATERAL SUPPORT FOR WALLS OR PARTITIONS. WALLS OR PARTITIONS MAY BE ATTACHED TO THE CEILING GRID PROVIDED THEY ALLOW THE CEILING MEMBRANE TO MOVE Laterally TO ACCOMMODATE THE REQUIRED CLEARANCE AS SPECIFIED BELOW.
- 5. ALL PERIMETER CLOSURE ANGLES OR CHANNELS MUST PROVIDE A SUPPORT LEDGE OF APPROXIMATELY 7/8" OR GREATER. A TERMINAL END OF A GRID MEMBER (OR TILE) MUST REST ON THE LEDGER OR MOLDING WITH AT LEAST 3/8" CLEARANCE FROM AN EDGE OR WALL.

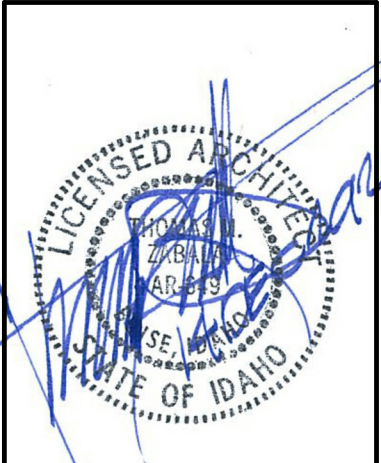
FOR PERIMETER CLOSURE ANGLES THAT PROVIDE A SUPPORT LEDGE OF LESS THAN NOTED ABOVE, THE TERMINAL ENDS OF EACH CROSS RUNNER OR MAIN RUNNER SHALL BE INDEPENDENTLY SUPPORTED WITHIN 8" FROM EACH WALL OR CEILING DISCONTINUITY. THIS SUPPORT MAY BE A NO. 12 GAUGE HANGER WIRE OR OTHER SUPPORT THAT PREVENTS THE GRID FROM FALLING. THIS WIRE DOES NOT NEED TO BE VERTICAL BUT SHOULD NOT HAVE A SLOPE GREATER THAN 1 IN 6 OUT-OF-PLUMB. A 3/8" GRID END CLEARANCE FROM A WALL SHOULD BE MAINTAINED.

ALL CEILING PENETRATIONS (COLUMNS, SPRINKLERS, ETC.) AND INDEPENDENTLY SUPPORTED FIXTURES OR SERVICES ARE TO BE CONSIDERED AS PERIMETER CLOSURES THAT ALSO MUST ALLOW THE NOTED CLEARANCES BY USING SUITABLE ESCUTCHEONS OR CLOSURE DETAILS.

- 6. AT WALL CLOSURE LEDGES, THE CROSS RUNNER AND MAIN RUNNER ENDS SHALL BE PREVENTED FROM SPREADING APART FROM EACH OTHER. PERMANENT ATTACHMENTS (I.E. POP RIVETS) FOR GRID ALIGNMENT PURPOSES SHALL NOT BE PERMITTED.

### LEGEND

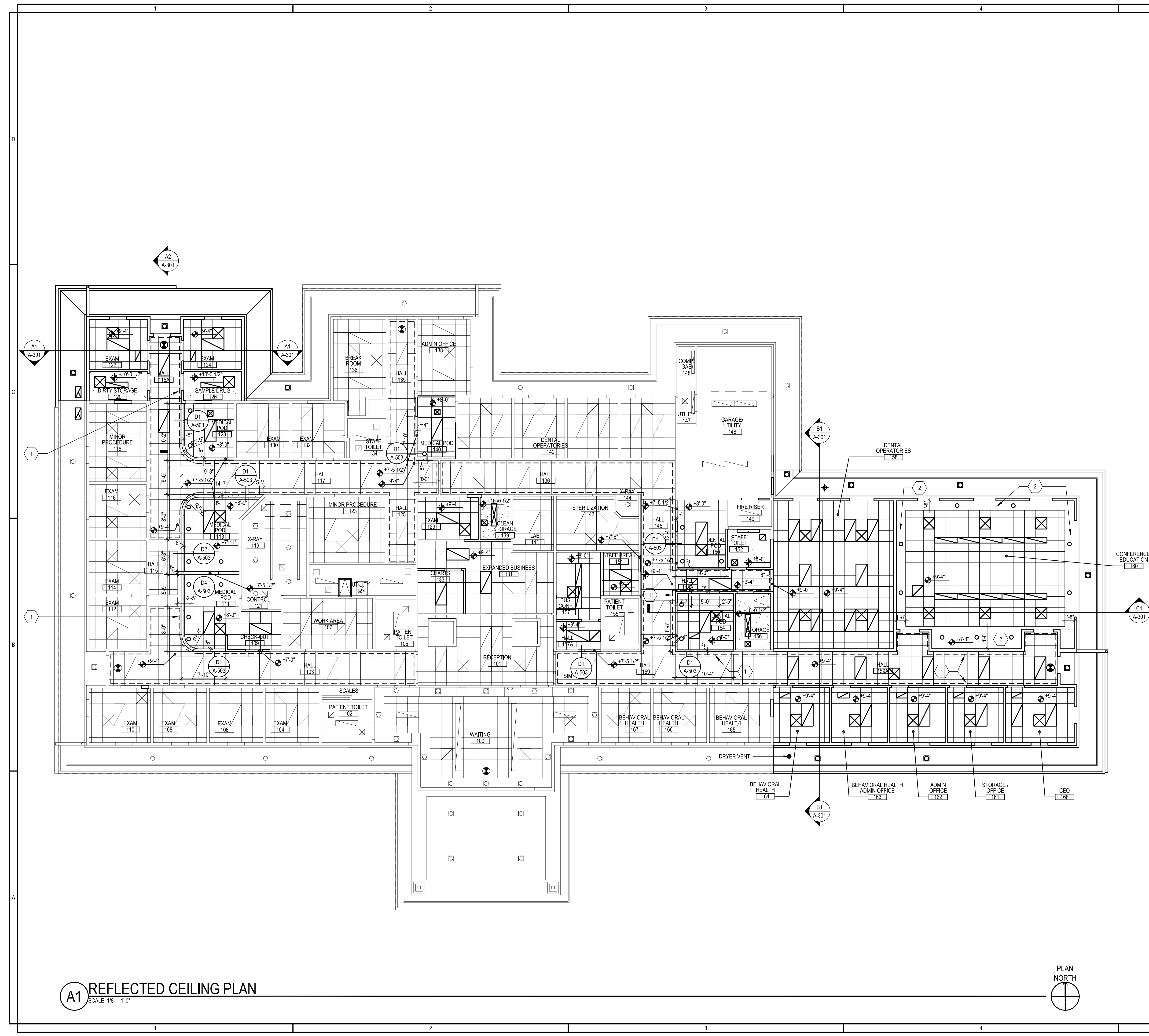
	24" x 48" LAY-IN FLUORESCENT FIXTURE
	48" SUSPENDED FLUORESCENT LIGHT FIXTURE
	48" SURFACE MOUNT FLUORESCENT LIGHT FIXTURE
	48" WALL MOUNT FLUORESCENT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	EXIT SIGN (WALL/CEILING DIRECTIONAL)
	MECHANICAL GRILLE
	24"x24" SUSPENDED ACOUSTICAL CEILING GRID
	GYPSUM BOARD CEILING
	DRYER VENT
	OVERFLOW ROOF DRAIN



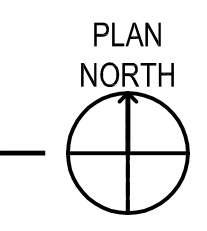
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**DESERT SAGE HEALTH CENTER  
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 MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET: **A-103**  
 REFLECTED CEILING PLAN

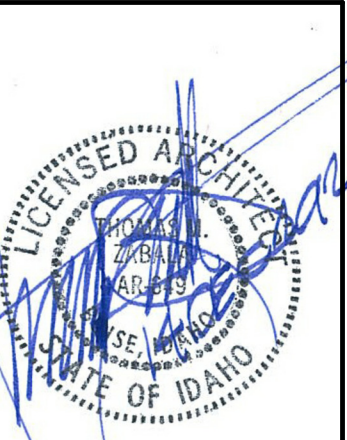


**A1 REFLECTED CEILING PLAN**  
 SCALE: 1/8" = 1'-0"



### SHEET KEYNOTES

1. CONCRETE TILE ROOFING (RF1).
2. SINGLE-PLY MEMBRANE ROOFING SYSTEM (RF2).
3. BLEND NEW CONCRETE TILE ROOF IN WITH NEW.
4. PROVIDE 3" DIAMETER HOLES AT 16" O.C. IN LOWER ROOF SHEATHING FOR THROUGH VENTILATION.
5. SELF-ADHERING "ICE SHIELD" UNDERLAYMENT AT EAVES (24" MINIMUM INBOARD FROM EXTERIOR WALL), AT WALL / ROOF INTERSECTIONS, CENTERED OVER RIDGES AND UNDER VALLEY FLASHING, AND ACROSS EXISTING AND NEW UNDERLAYMENT INTERSECTIONS.
6. ROOF DRAIN.
7. ROOF OVERFLOW.
8. EXISTING GUTTER AND DOWNSPOUTS.
9. 12" H x 24" W SCREENED LOUVER ATTIC VENT.
10. NEW GUTTER AND DOWNSPOUT TO MATCH MATERIALS PROFILE AND FINISH OF EXISTING.
11. REATTACH SNOW CLIPS. MATCH SPACING WITH EXISTING SNOW CLIPS.
12. MEMBRANE ROOF WALKPADS.
13. TIE NEW GUTTER IN WITH EXISTING AND SEAL.
14. EXISTING CONCRETE TILE ROOF.
15. EXISTING MODIFIED BITUMEN ROOF.
16. EXISTING HVAC UNITS.
17. EXISTING ROOF ACCESS HATCH.
18. EXISTING SKYLIGHT.
19. HVAC UNITS, SEE MECHANICAL DRAWINGS.
20. ROOF ACCESS HATCH.
21. EXISTING ROOF DRAIN.
22. EXISTING ROOF OVERFLOW.
23. EXHAUST ROOF CAP.
24. VENT THROUGH ROOF.

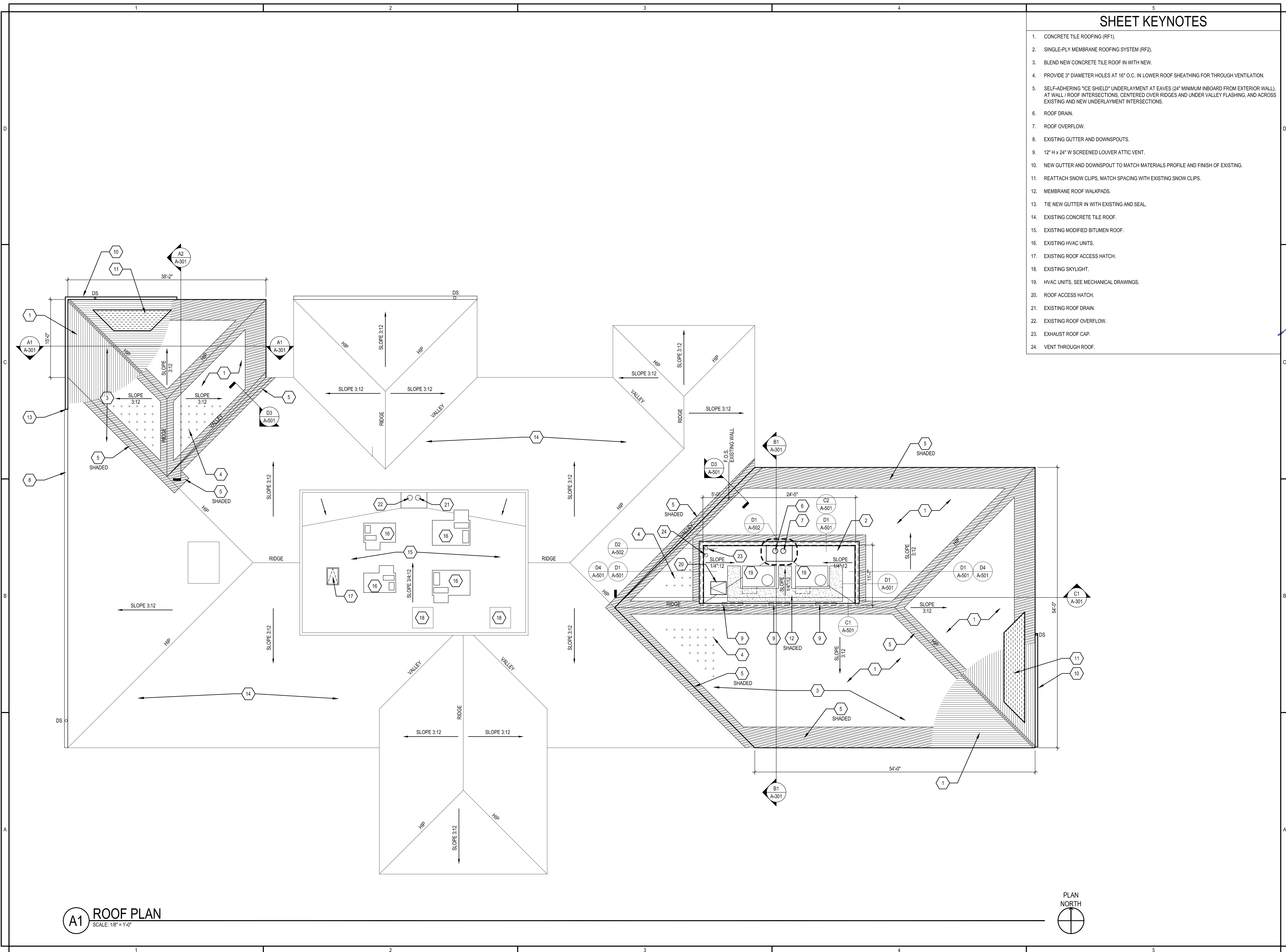


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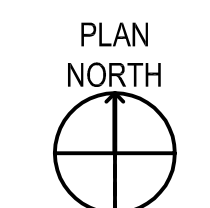
**DESERT SAGE HEALTH CENTER  
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**A-104**  
 ROOF PLAN



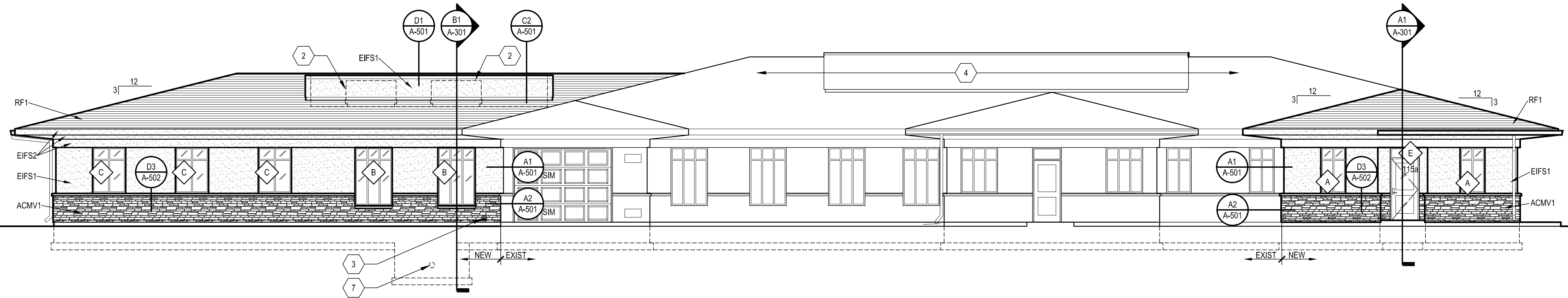
**A1 ROOF PLAN**  
 SCALE: 1/8" = 1'-0"



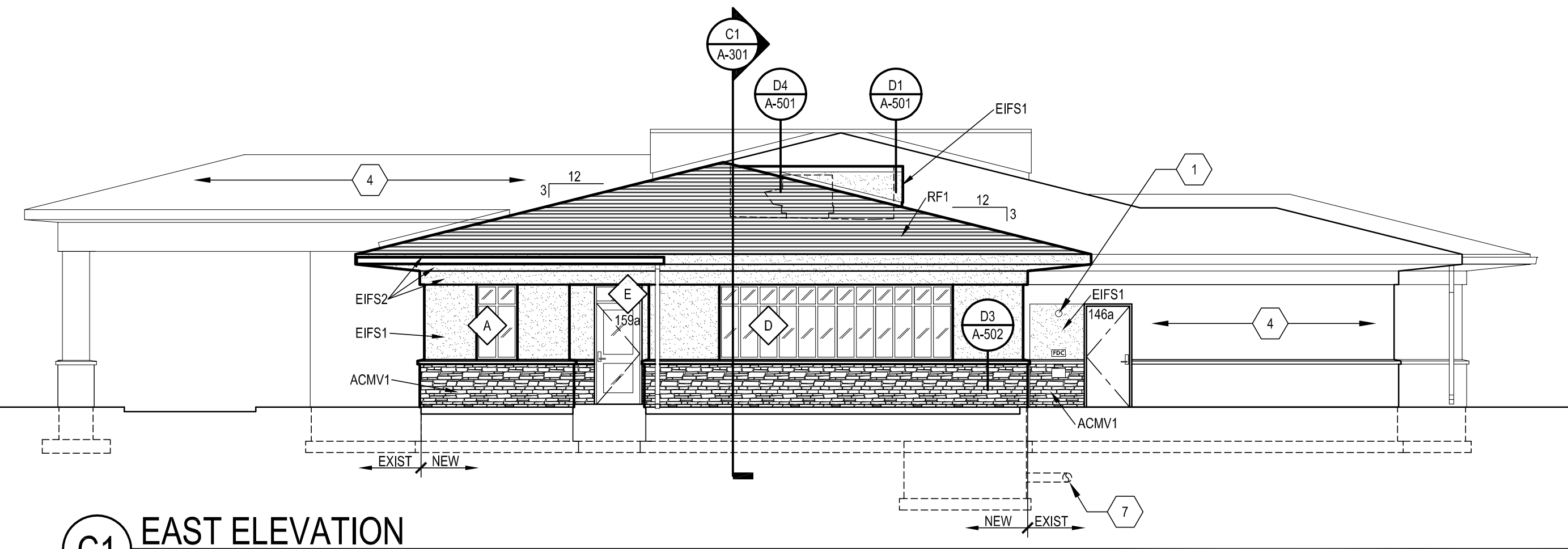
**SHEET KEYNOTES**

1. RELOCATED FIRE ALARM BELL.
2. OUTLINE OF HVAC.
3. ROOF DRAIN OUTLET.
4. EXISTING FACILITY.
5. EXISTING STRUCTURE TO BE REMOVED.
6. INFILL PANEL.
7. WATER ENTRY (VERIFY LOCATION).

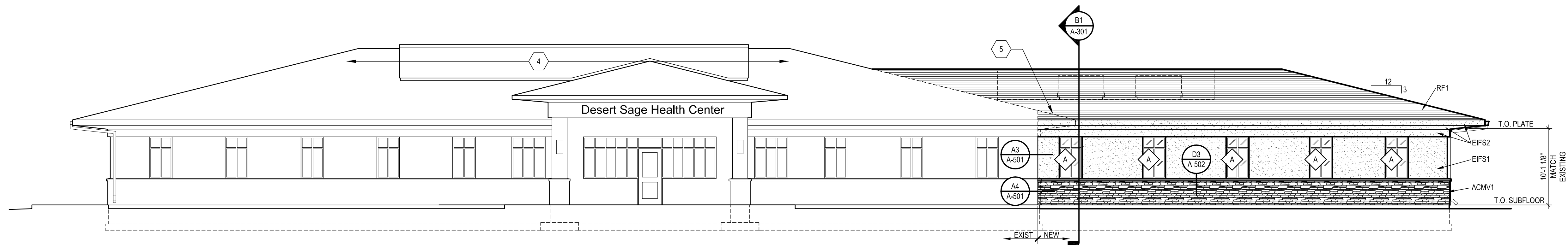
REVISIONS



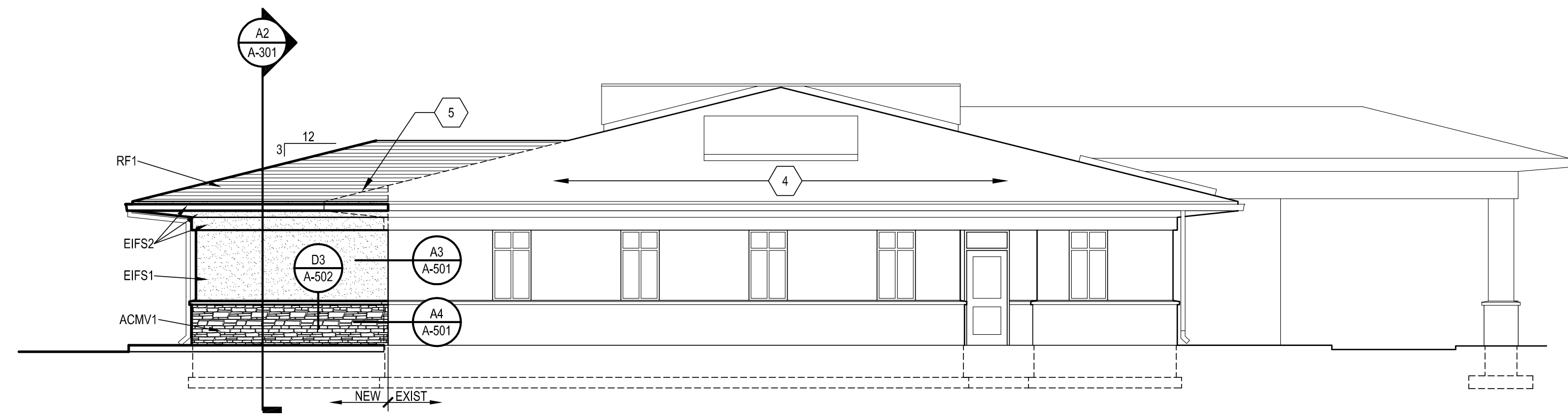
**D1 NORTH ELEVATION**  
1/8" = 1'-0"



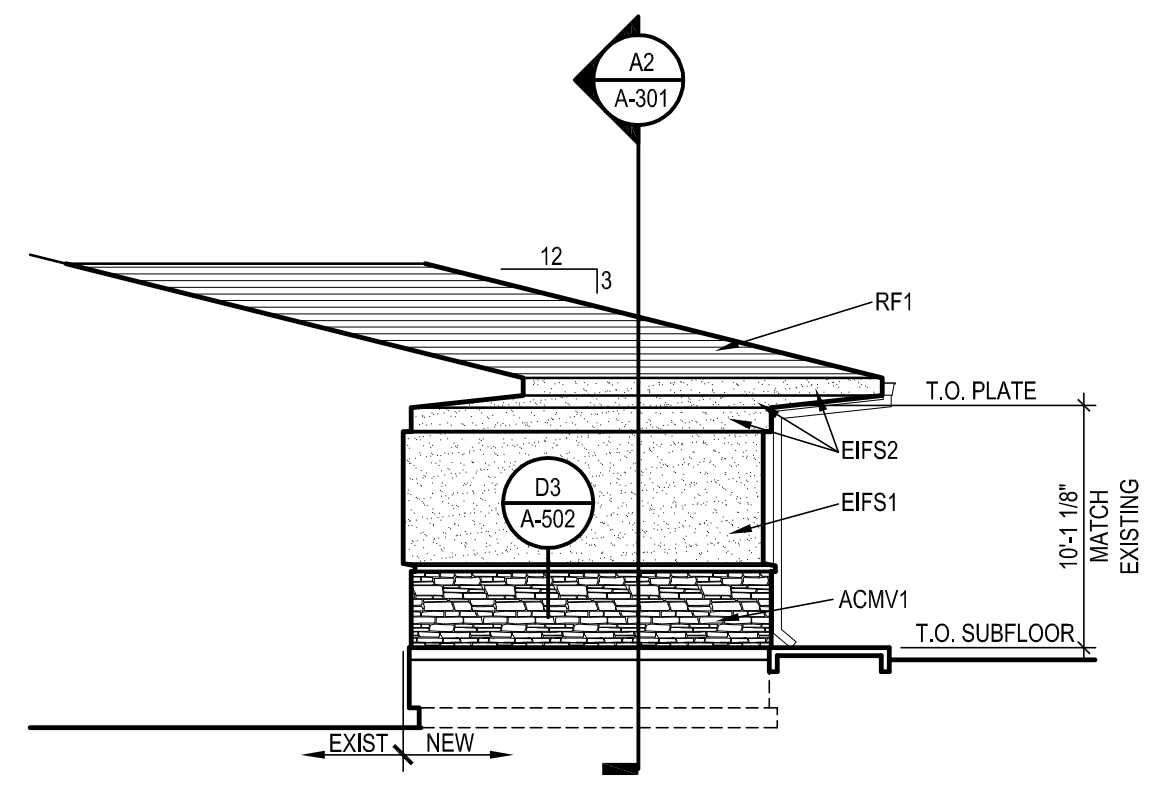
**C1 EAST ELEVATION**  
1/8" = 1'-0"



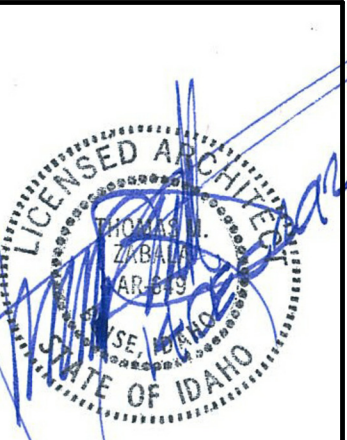
**B1 SOUTH ELEVATION**  
1/8" = 1'-0"



**A1 WEST ELEVATION**  
1/8" = 1'-0"



**A3 EAST ELEVATION**  
1/8" = 1'-0"



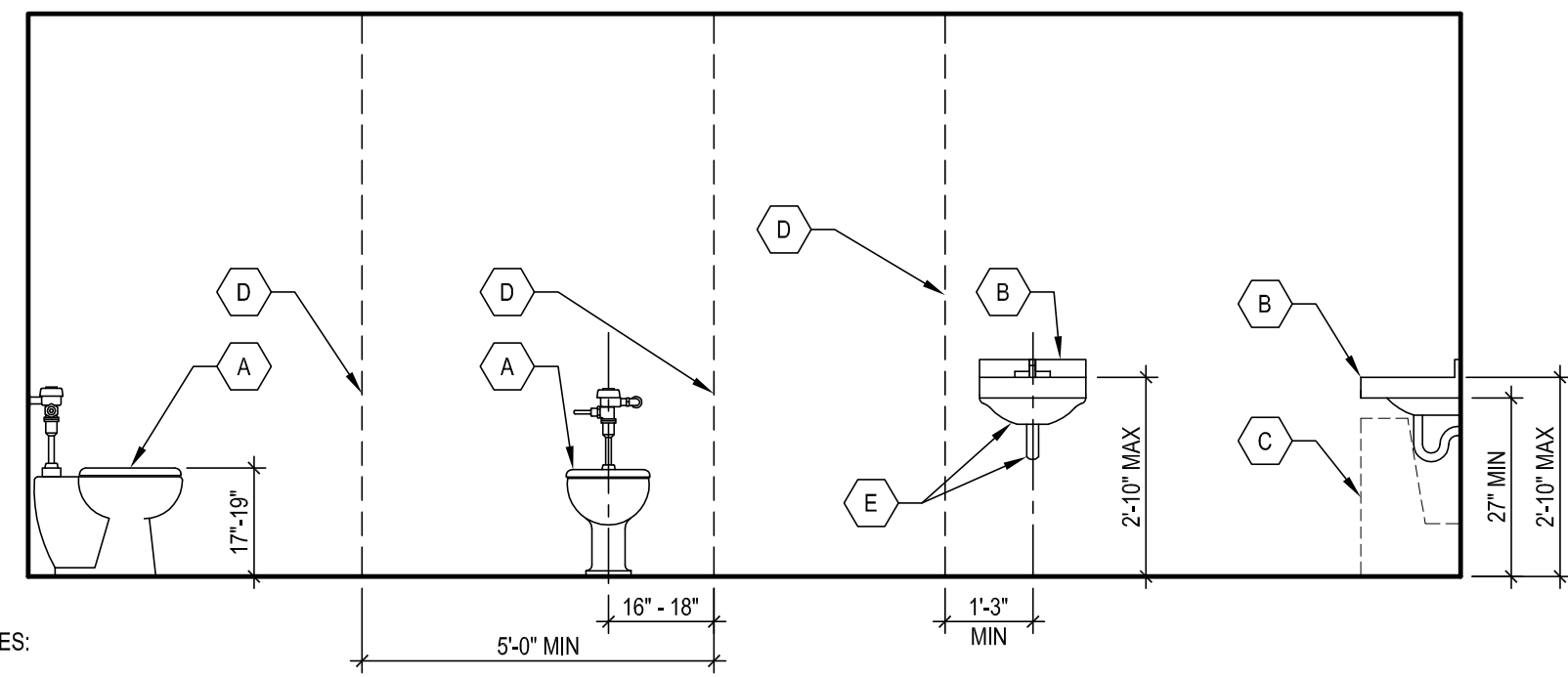
**ZGA**  
ZGA ARCHITECTS & PLANNERS, CHARTERED  
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t: (208) 345.8872 | f: (208) 343.7162 | www.zga.com

**DESERT SAGE HEALTH CENTER**  
**ADDITION AND REMODEL**  
MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET:  
**A-201**  
EXTERIOR ELEVATIONS

### FIXTURE MOUNTING SCHEDULE

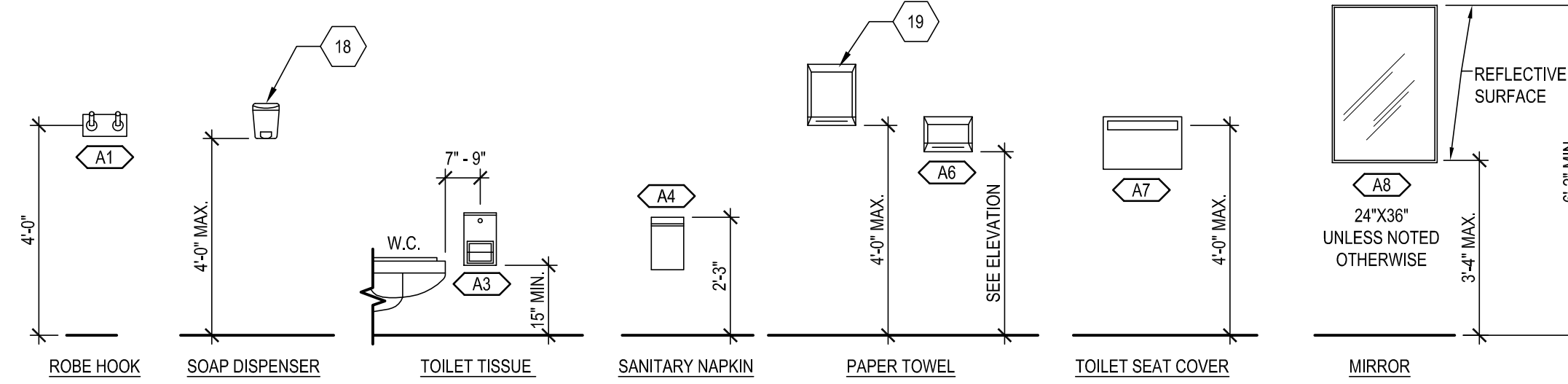
- FIXTURE MOUNTING SCHEDULE KEYNOTES:
- A. WATER CLOSET (W.C.)
  - B. SINK
  - C. KNEE/TOE SPACE
  - D. ADJACENT WALL
  - E. PLUMBING WRAP



FIXTURE MOUNTING SCHEDULE NOTES:

1. DIMENSIONS ARE FROM FINISHED WALL SURFACE AND FINISHED FLOOR.
2. ALL DIMENSIONS SHOWN ARE TO TOP OF OPERATING MECHANISM FOR EACH ACCESSORY.

### ACCESSORY MOUNTING SCHEDULE



NOTES:

1. DIMENSIONS ARE FROM FINISHED WALL SURFACE AND FINISHED FLOOR.
2. ALL DIMENSIONS SHOWN ARE TO TOP OF OPERATING MECHANISM FOR EACH ACCESSORY.
3. REFER AND VERIFY WITH MANUFACTURER'S RECOMMENDED MOUNTING HEIGHTS.

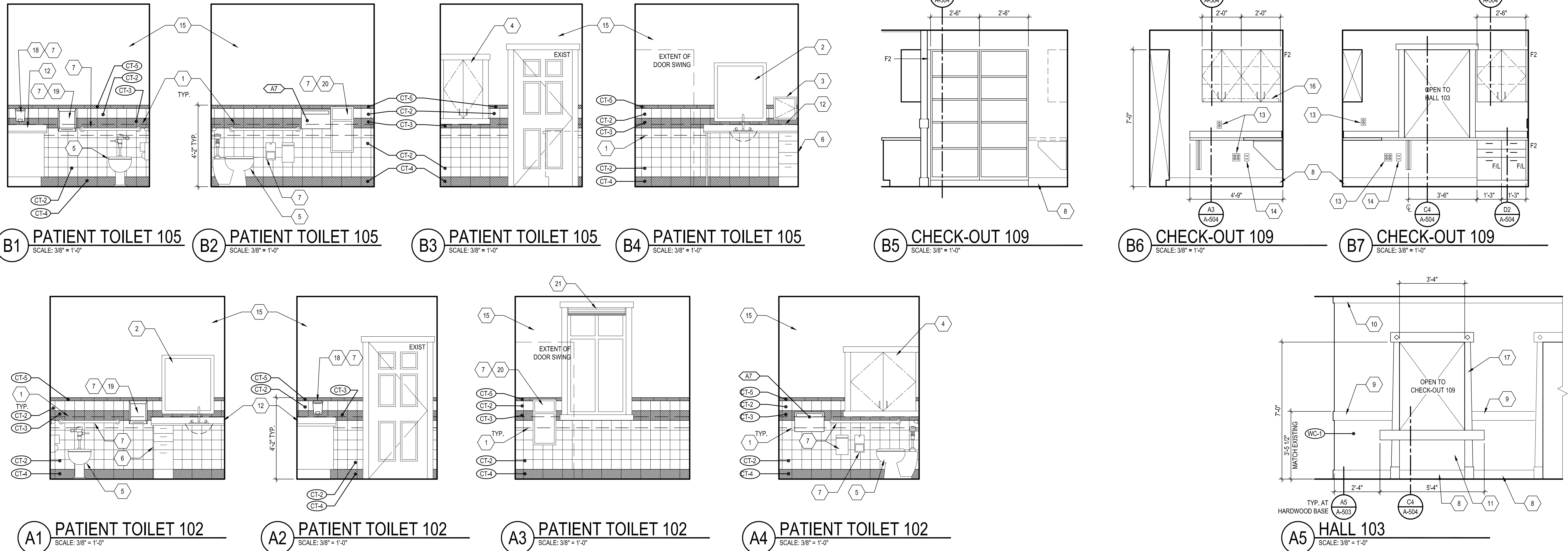
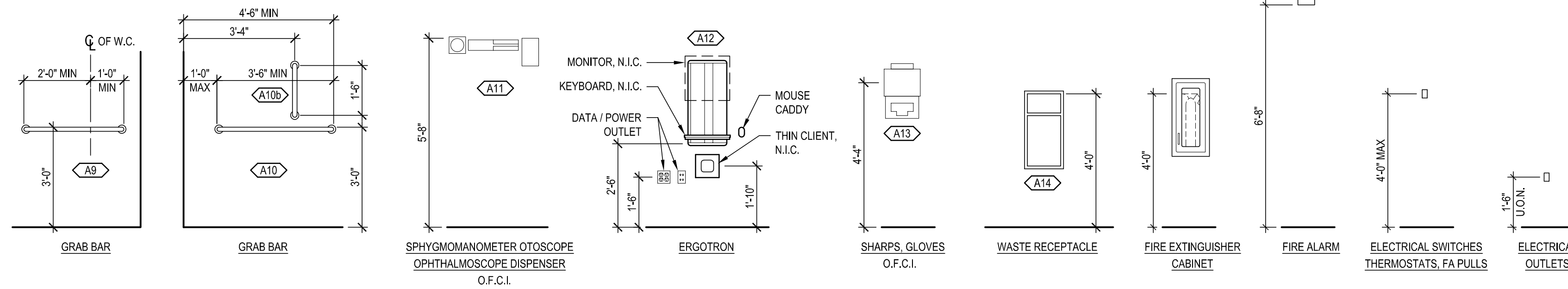
### GENERAL SHEET NOTES

- A. ABBREVIATIONS:  
 C = CASH DRAWER WITH LOCK  
 F = FILE DRAWER WITH HANGING FILE SYSTEM  
 F/L = FILE DRAWER WITH HANGING FILE SYSTEM AND LOCK  
 F1 = CABINET FILLER, SIZE AS REQUIRED, EQUAL ON EACH SIDE OF CABINET.  
 F2 = CABINET FILLER, 2" MAXIMUM WIDTH  
 L = LOCK ON CABINET DOORS
- B. FOR PLUMBING FIXTURE AND ACCESSORY MOUNTING HEIGHTS SEE SHEET A-202.  
 C. VERIFY ALL DIMENSIONS BETWEEN WALLS FOR CABINETS.  
 D. ALL VERTICAL DIMENSIONS ARE FROM TOP OF FINISHED FLOORING. ADJUST DIMENSIONS IF CABINETS ARE INSTALLED PRIOR TO FLOORING UNDERLAYMENT.  
 E. PROVIDE IN-WALL BLOCKING FOR WALL MOUNTED ACCESSORIES AND EQUIPMENT.  
 F. OUTLETS SHOWN FOR COORDINATION ONLY, SEE ELECTRICAL DRAWINGS.  
 G. COORDINATE LOCATIONS FOR GROMMETS AT WORK SURFACES WITH OWNER SUPPLIED COMPUTERS, TELEPHONES AND EQUIPMENT.

### SHEET KEYNOTES

1. EXISTING CHAIR RAIL TO BE REMOVED.
2. EXISTING MIRROR, TO BE REINSTALLED. SHIM AS NECESSARY FOR MOUNTING ON UNEVEN SURFACES.
3. EXISTING PASS-THROUGH, ADJUST AS NECESSARY TO ACCOMMODATE TILE.
4. EXISTING IN-WALL STORAGE, DOOR AND TRIM, TO REMAIN IN PLACE.
5. EXISTING TOILET, LIFT AND REATTACH COLLAR TO ACCOMMODATE TILE.
6. EXISTING CASEWORK AND PLUMBING, REMOVE FOR NEW FINISH INSTALLATION.
7. EXISTING ACCESSORIES REINSTALLED.
8. BASE AS SCHEDULED.
9. CHAIR RAIL, 3/4" x 5 1/2", LIGHT STAINED HARDWOOD
10. CROWN MOULDING, POSITION TO MATCH EXISTING, 3/4" x 5 1/2" LIGHT STAINED HARDWOOD.
11. WOOD PANEL TO MATCH EXISTING WOOD PANELS IN WAITING 100.
12. PROVIDE PLAM SPLASH FOR EXISTING CASEWORK, MATCH FINISH WITH EXISTING COUNTERTOP.
13. ELECTRICAL OUTLET, SEE ELECTRICAL DRAWINGS.
14. DATA OUTLET, SEE ELECTRICAL DRAWINGS.
15. PAINT TO MATCH EXISTING.
16. UNDER-CABINET LIGHTS.
17. WINDOW TRIM, TO MATCH DOOR TRIM, SEE DETAIL /A-503.
18. SOAP DISPENSER, O.F.C.I.
19. ROLL TOWEL DISPENSER, O.F.C.I.
20. EXISTING RECESSED WASTE RECEPTACLE.
21. EXISTING WINDOW COVERING.

### ACCESSORY MOUNTING SCHEDULE CONTINUED



**B1 PATIENT TOILET 105** SCALE: 3/8" = 1'-0"  
**B2 PATIENT TOILET 105** SCALE: 3/8" = 1'-0"  
**B3 PATIENT TOILET 105** SCALE: 3/8" = 1'-0"  
**B4 PATIENT TOILET 105** SCALE: 3/8" = 1'-0"  
**B5 CHECK-OUT 109** SCALE: 3/8" = 1'-0"  
**B6 CHECK-OUT 109** SCALE: 3/8" = 1'-0"  
**B7 CHECK-OUT 109** SCALE: 3/8" = 1'-0"  
**A1 PATIENT TOILET 102** SCALE: 3/8" = 1'-0"  
**A2 PATIENT TOILET 102** SCALE: 3/8" = 1'-0"  
**A3 PATIENT TOILET 102** SCALE: 3/8" = 1'-0"  
**A4 PATIENT TOILET 102** SCALE: 3/8" = 1'-0"  
**A5 HALL 103** SCALE: 3/8" = 1'-0"

REVISIONS

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**DESERT SAGE HEALTH CENTER  
 ADDITION AND REMODEL**  
 MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET: **A-202**  
 INTERIOR ELEVATIONS

### GENERAL SHEET NOTES

- A. ABBREVIATIONS:  
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 L = LOCK ON CABINET DOORS
- B. FOR PLUMBING FIXTURE AND ACCESSORY MOUNTING HEIGHTS SEE SHEET A-202.
- C. VERIFY ALL DIMENSIONS BETWEEN WALLS FOR CABINETS.
- D. ALL VERTICAL DIMENSIONS ARE FROM TOP OF FINISHED FLOORING, ADJUST DIMENSIONS IF CABINETS ARE INSTALLED PRIOR TO FLOORING UNDERLAYMENT.
- E. PROVIDE IN-WALL BLOCKING FOR WALL MOUNTED ACCESSORIES AND EQUIPMENT.
- F. OUTLETS SHOWN FOR COORDINATION ONLY, SEE ELECTRICAL DRAWINGS.
- G. COORDINATE LOCATIONS FOR GROMMETS AT WORK SURFACES WITH OWNER SUPPLIED COMPUTERS, TELEPHONES AND EQUIPMENT.

### SHEET KEYNOTES

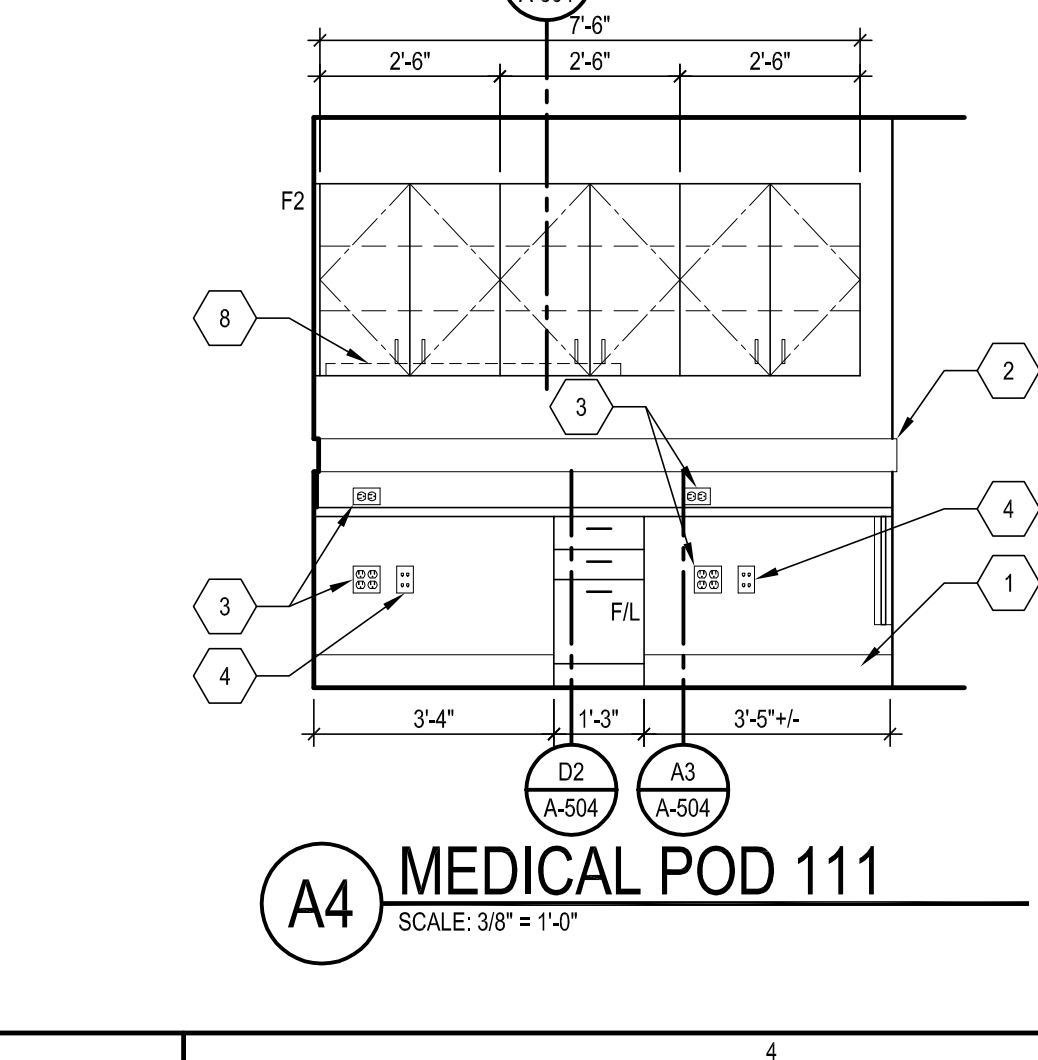
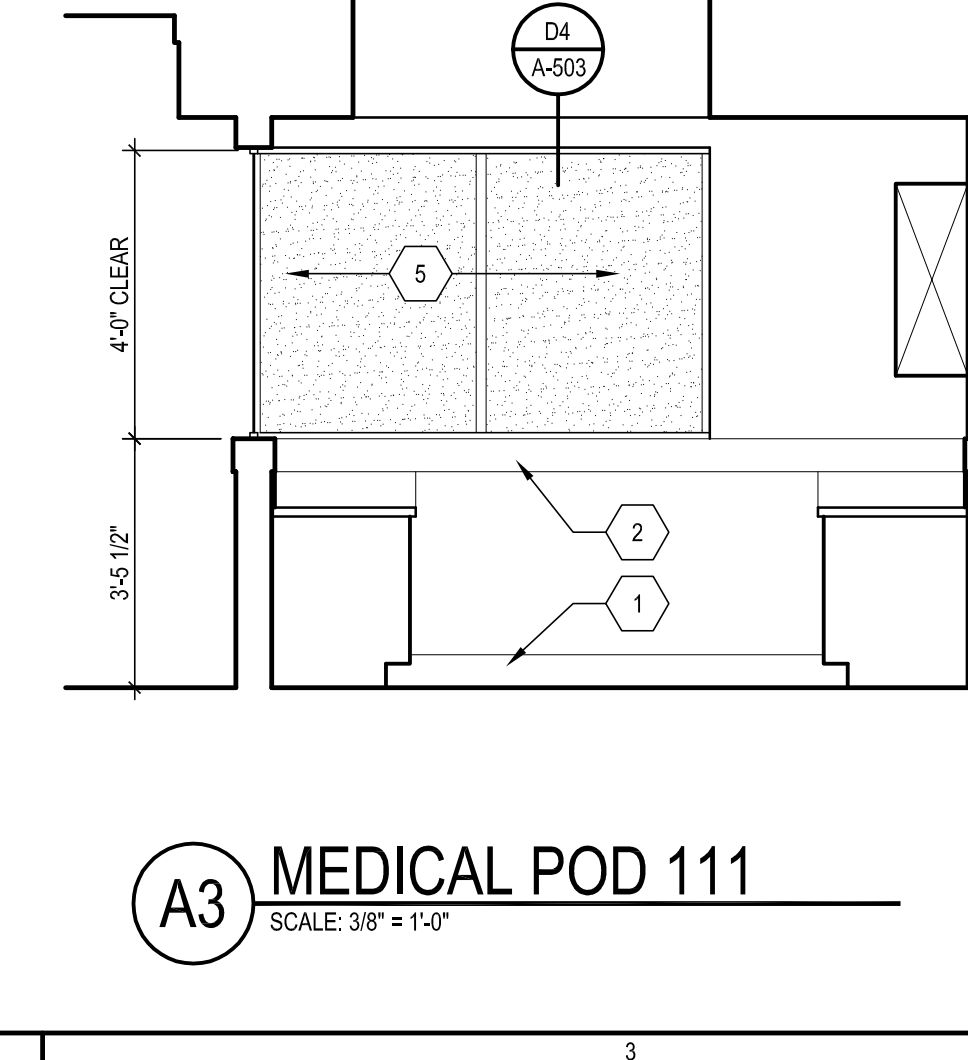
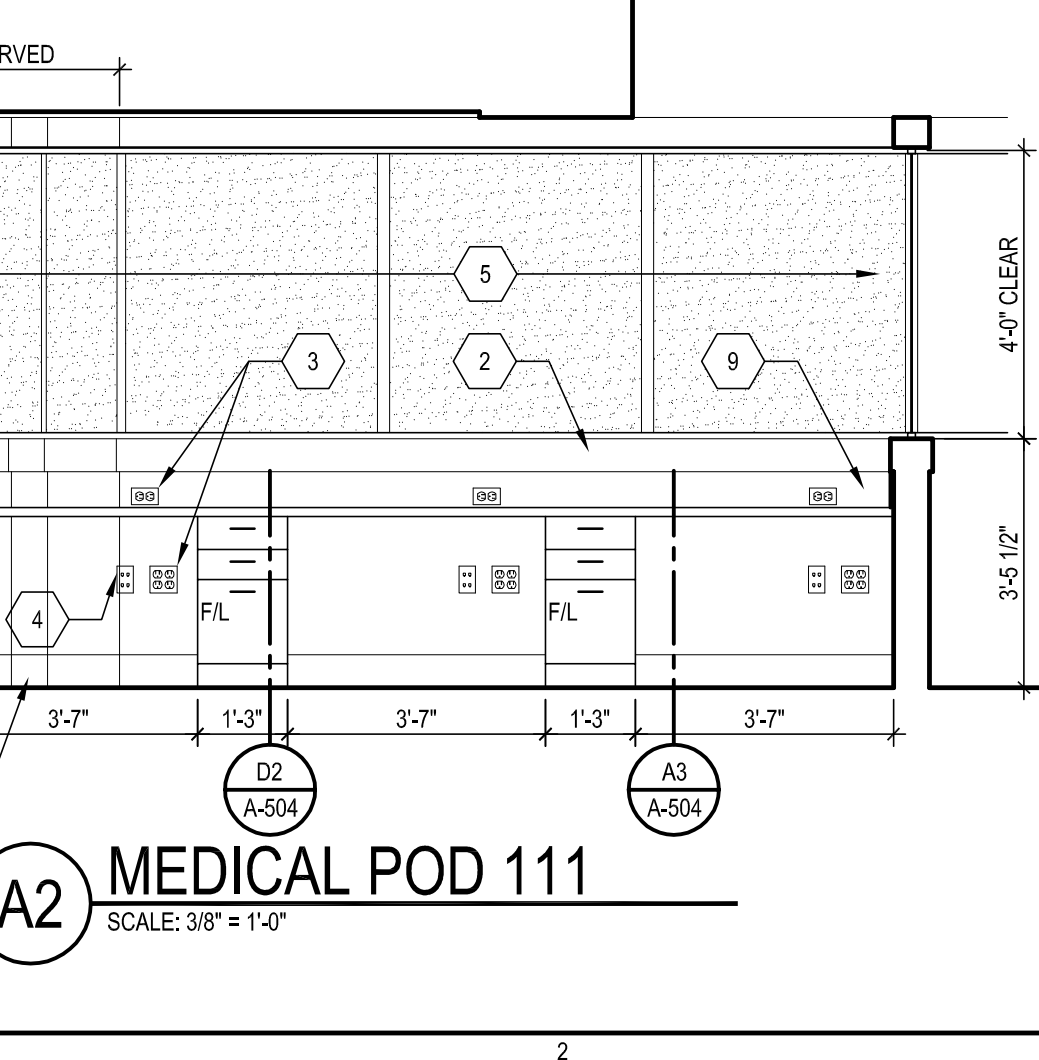
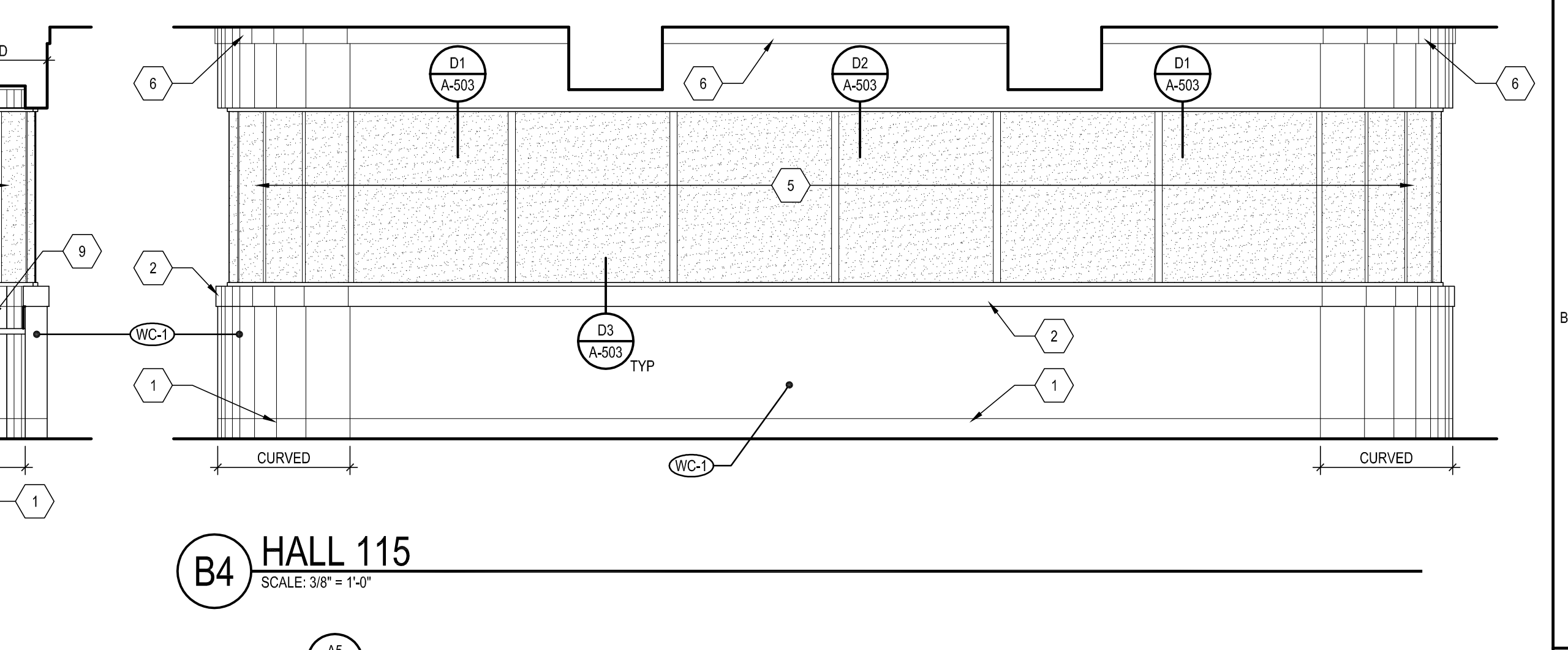
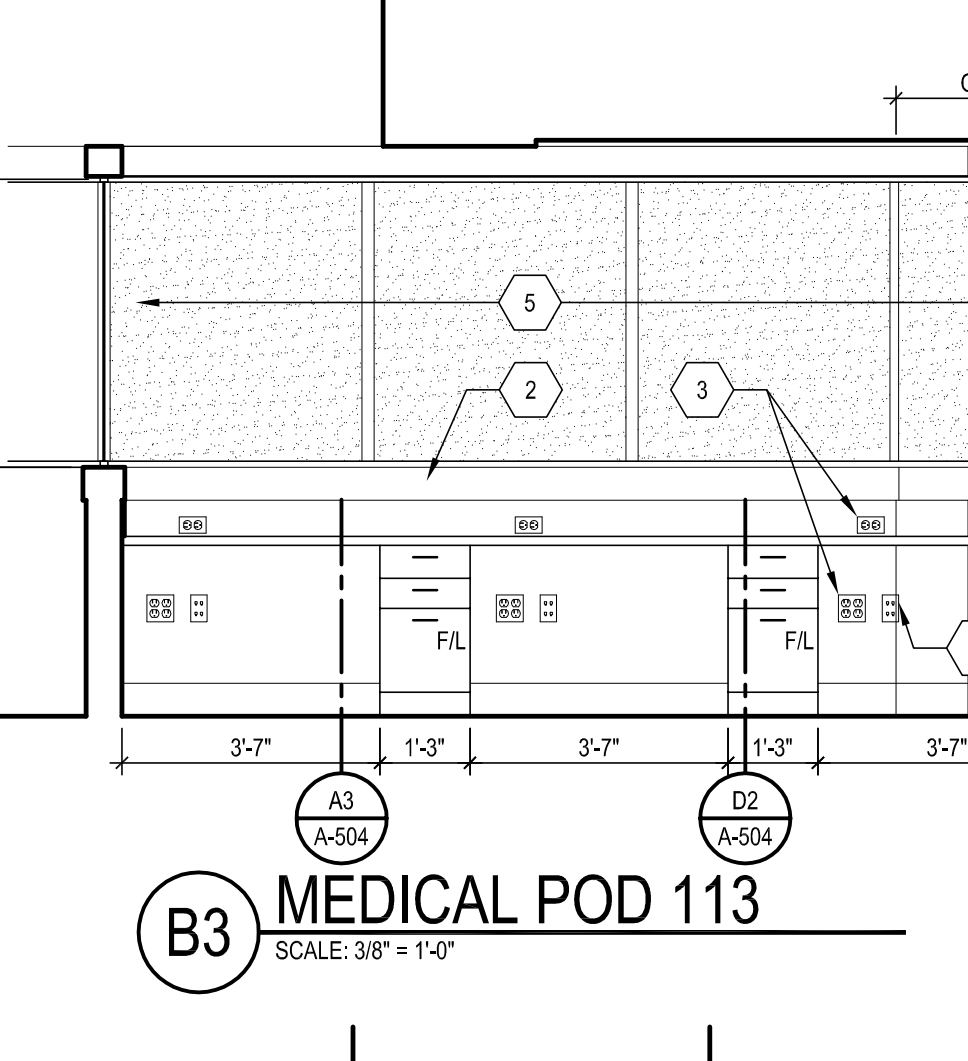
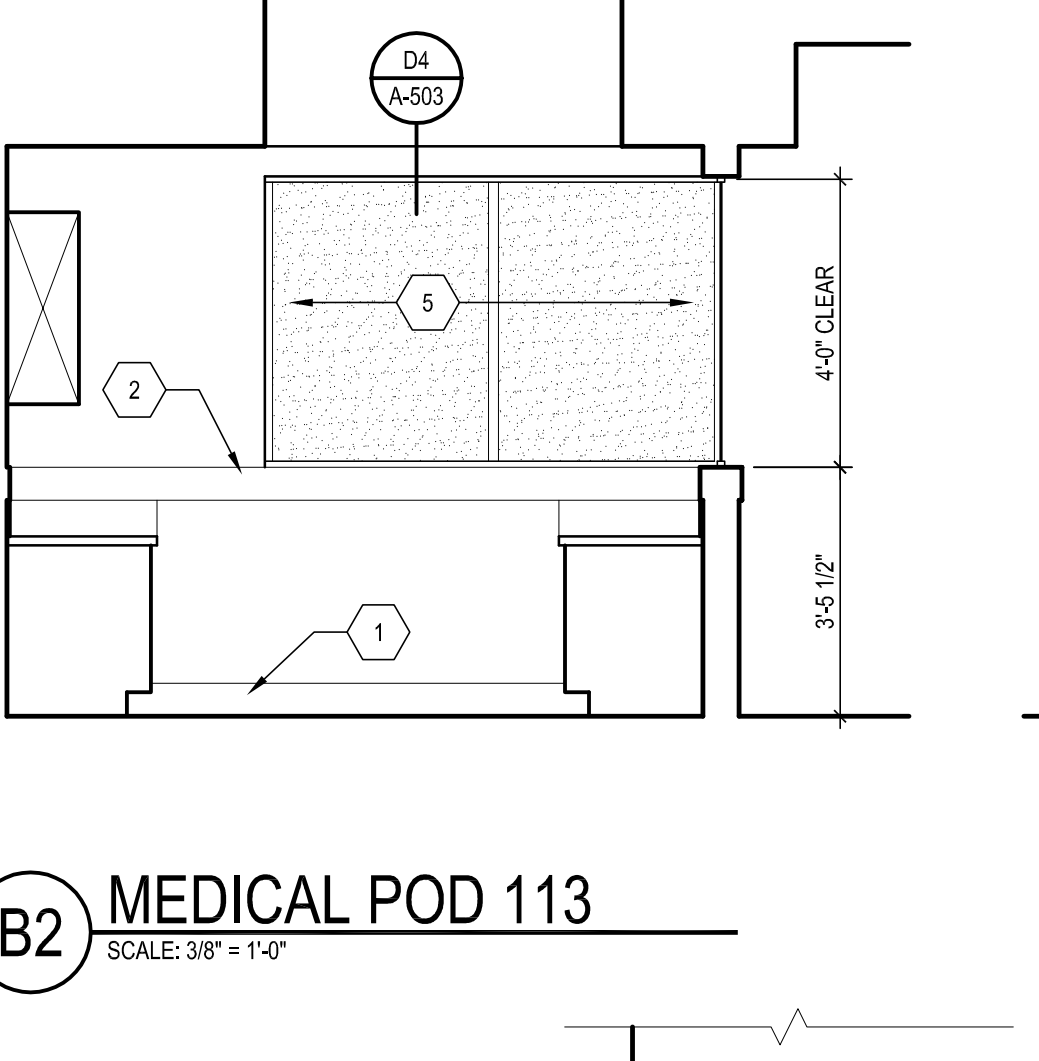
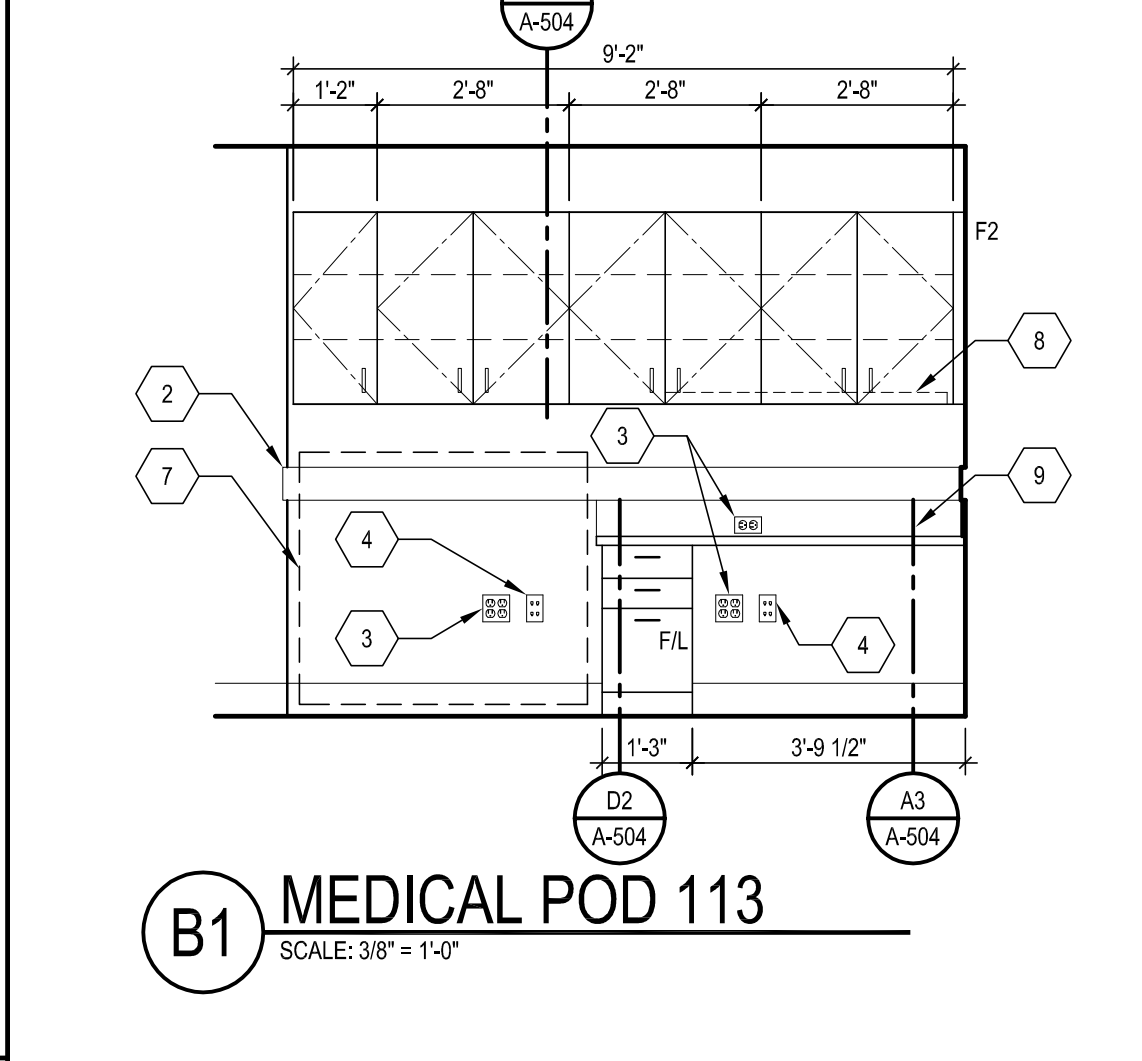
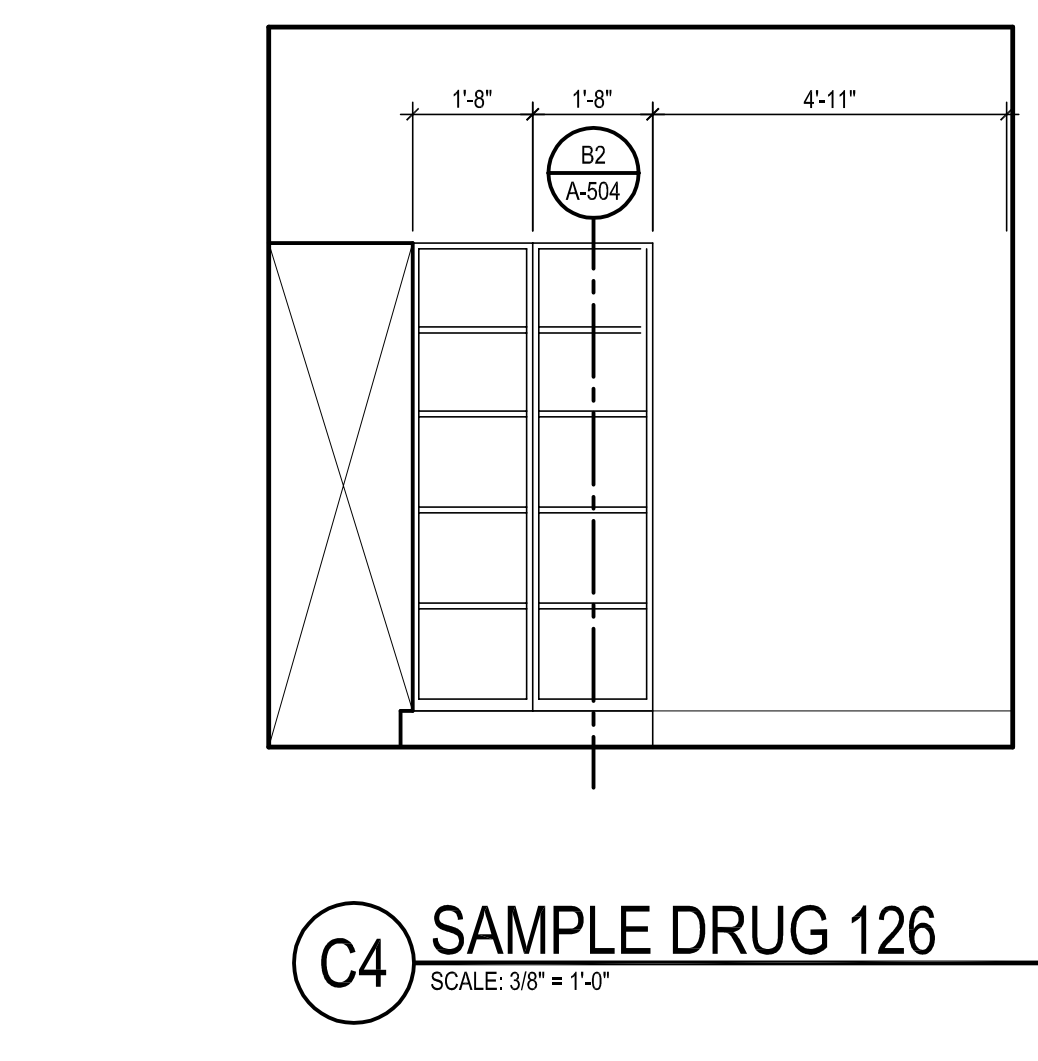
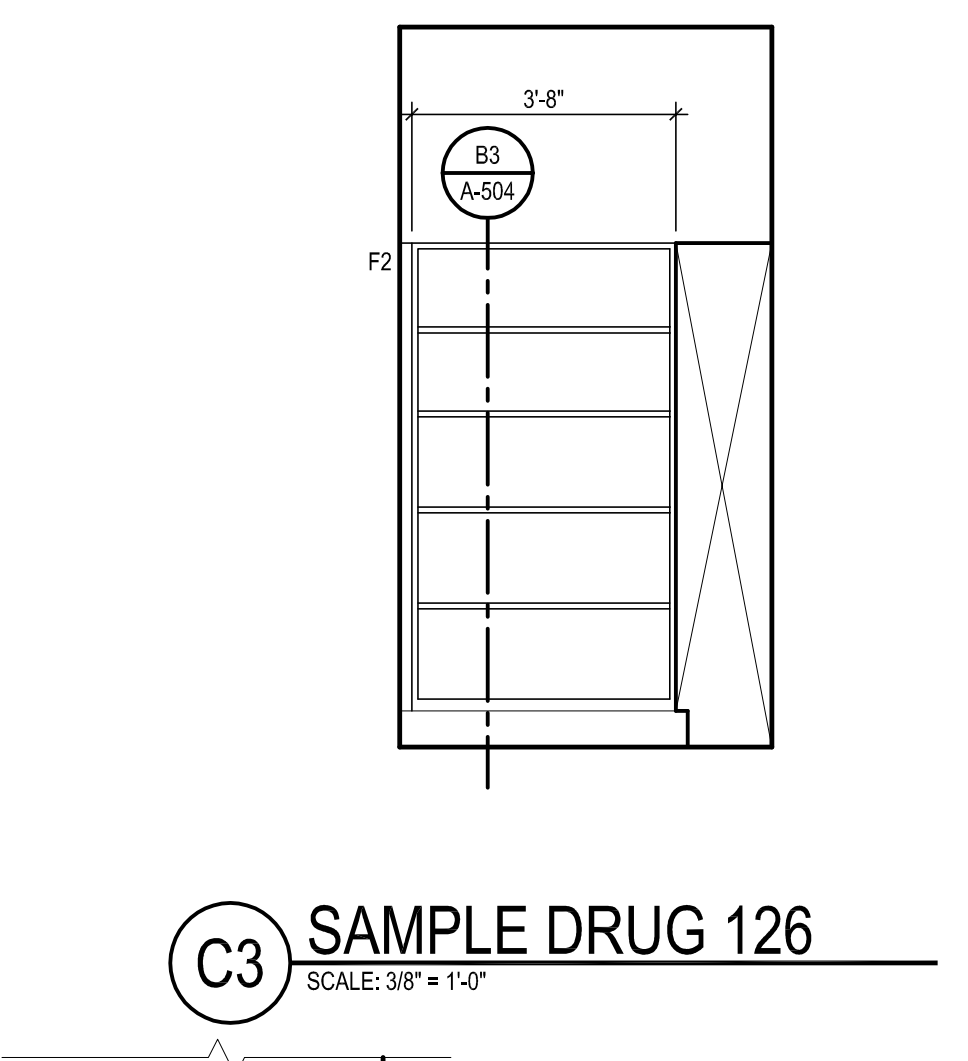
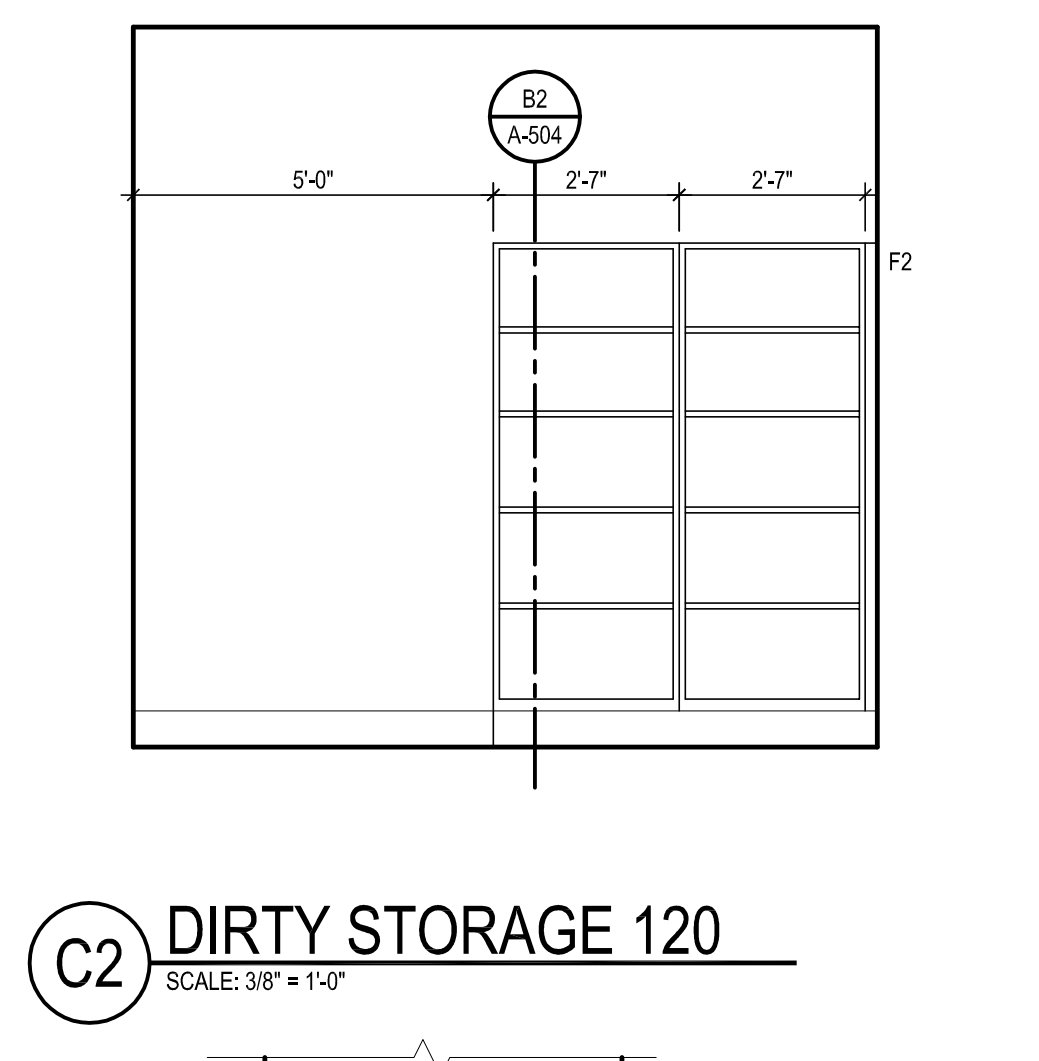
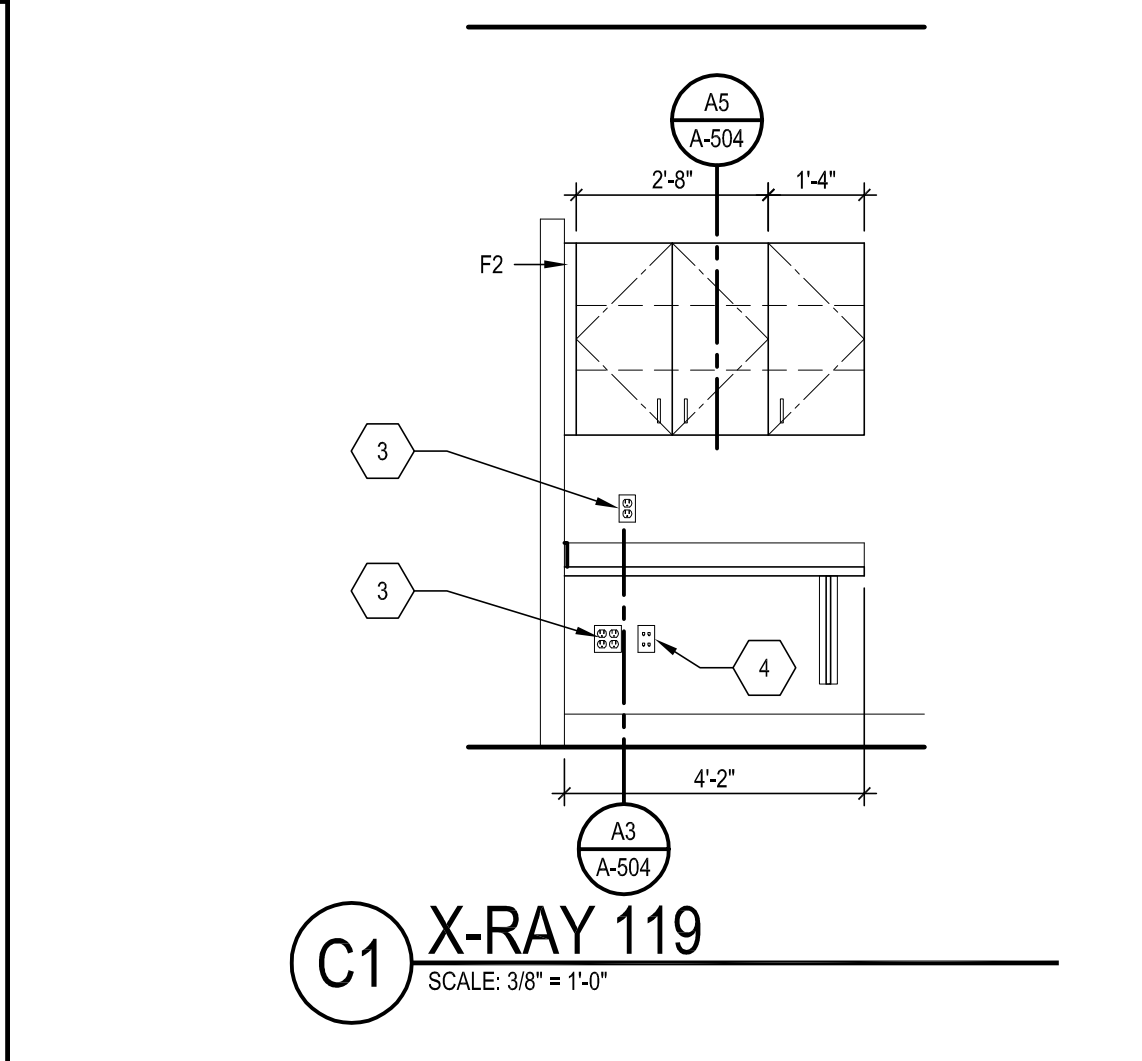
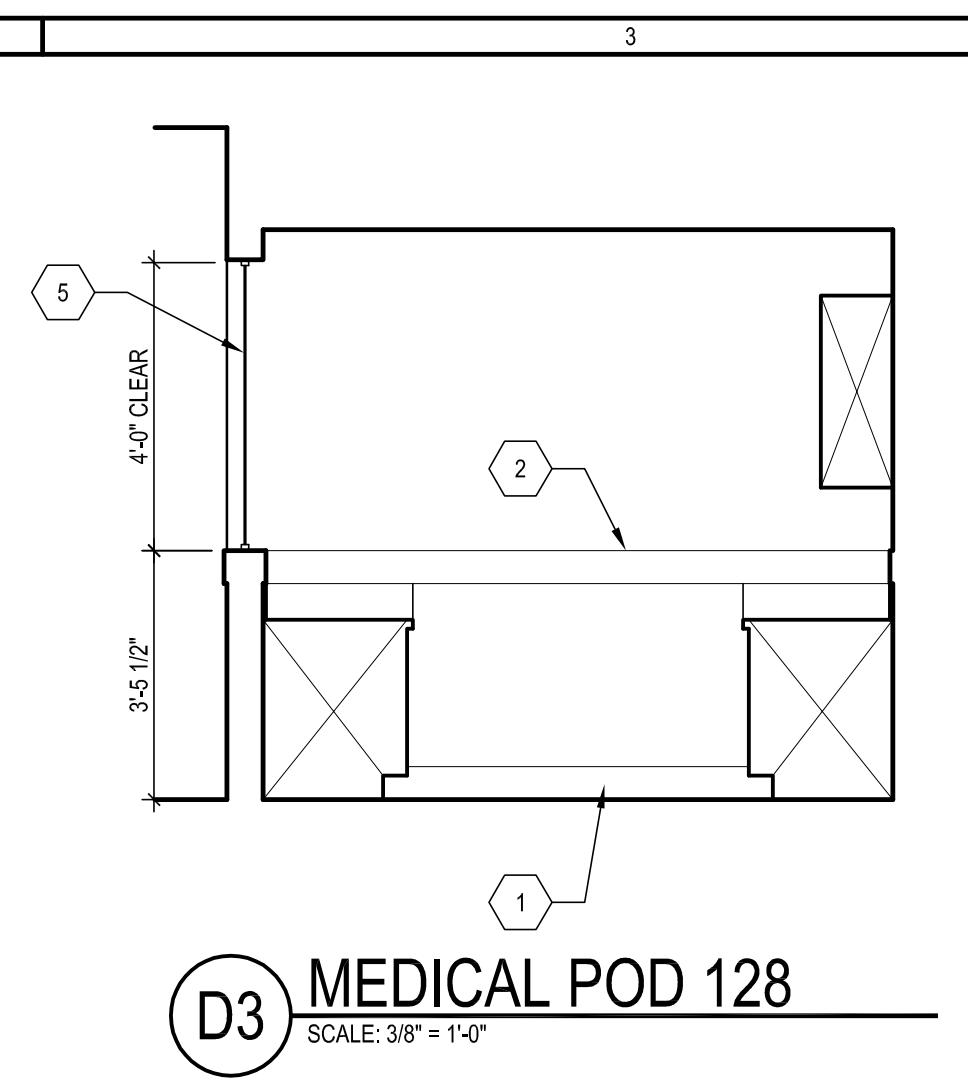
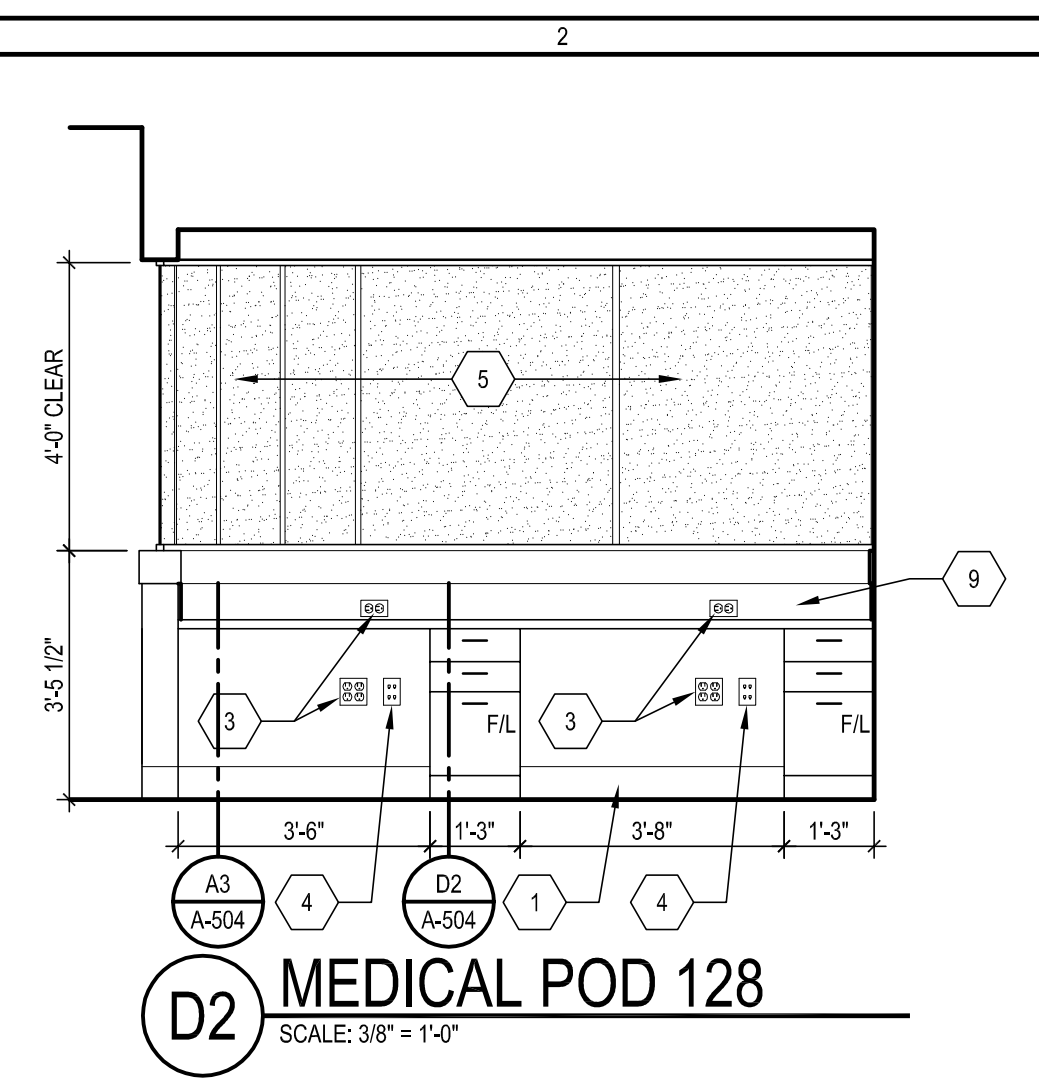
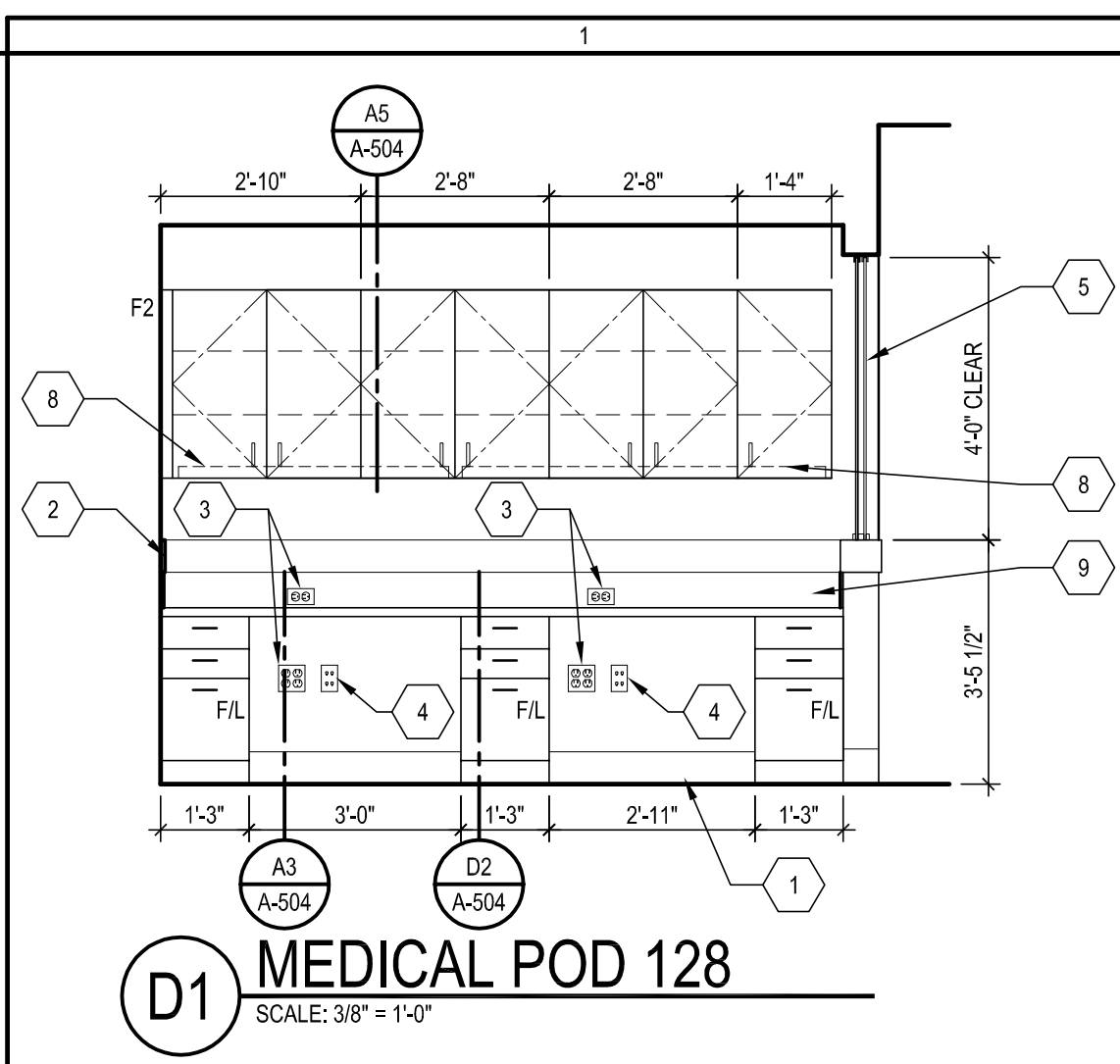
1. WALL BASE AS SCHEDULED.
2. CHAIR RAIL, 3/4" x 5 1/2" LIGHT STAINED HARDWOOD, KERF AT CURVE AND COVER WITH MATCHING VENEER.
3. ELECTRICAL OUTLET, SEE ELECTRICAL DRAWINGS.
4. DATA OUTLET, SEE ELECTRICAL DRAWINGS.
5. ART GLASS, SEE SHEET A-209.
6. CROWN MOULDING, POSITION TO MATCH EXISTING. 3/4" x 5 1/2" LIGHT STAINED HARDWOOD, KERF AT CURVE AND COVER WITH MATCHING VENEER.
7. PHOTOCOPIER, O.F.O.I.
8. UNDER-CABINET LIGHTS.
9. PLASTIC LAMINATE BACKSPASH.



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**DESERT SAGE HEALTH CENTER  
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 MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET:  
**A-203**  
 INTERIOR ELEVATIONS



D

C

B

A

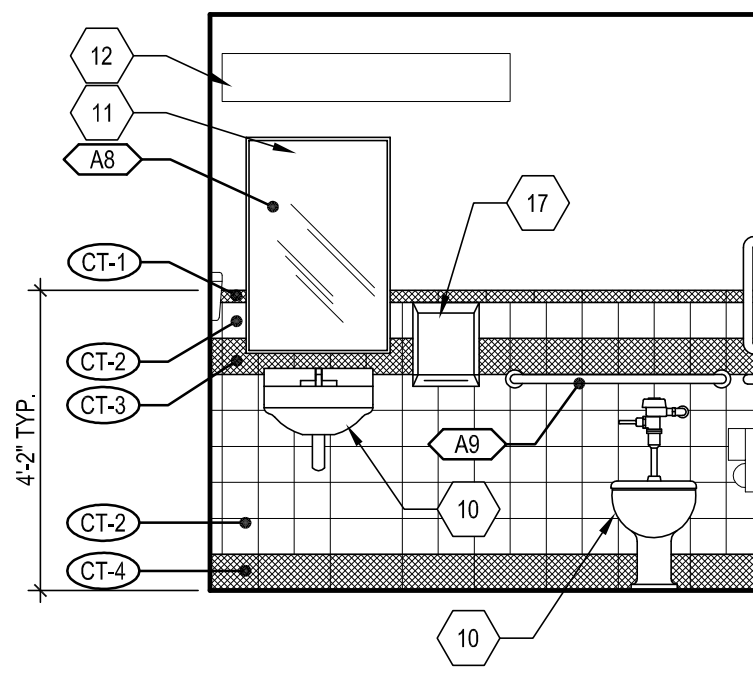
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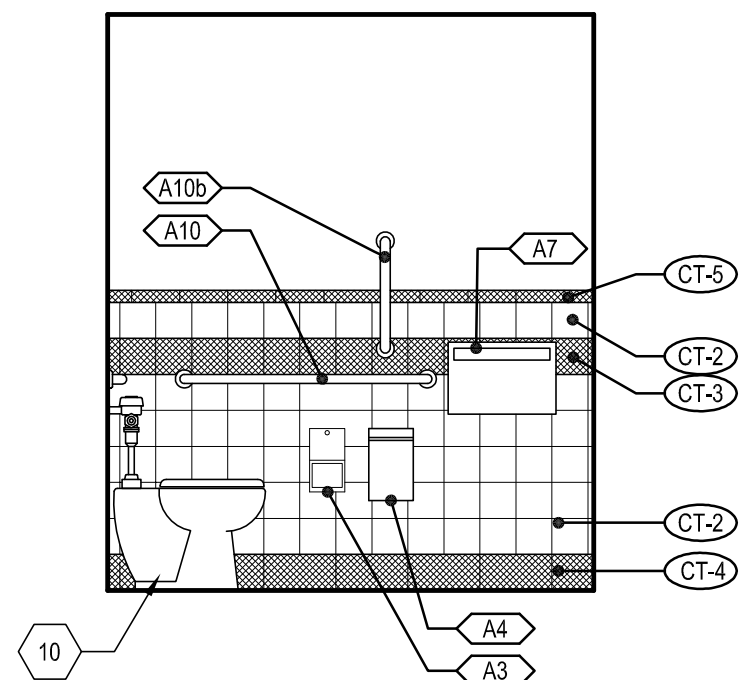
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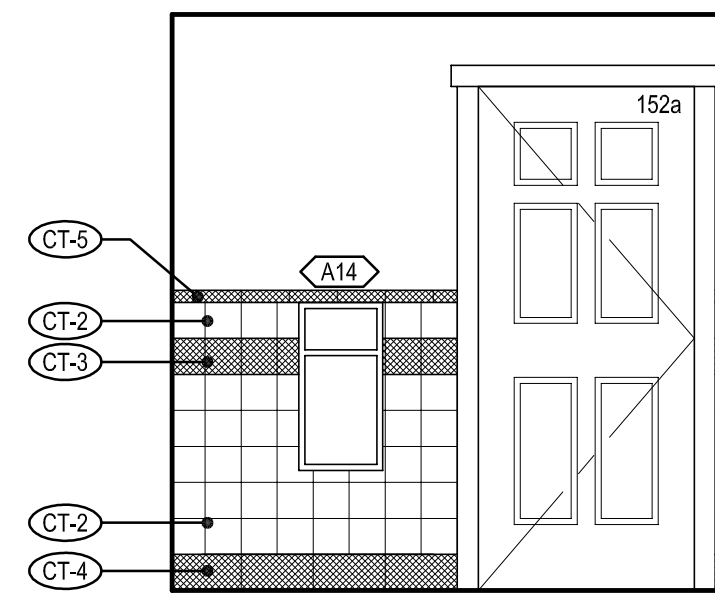
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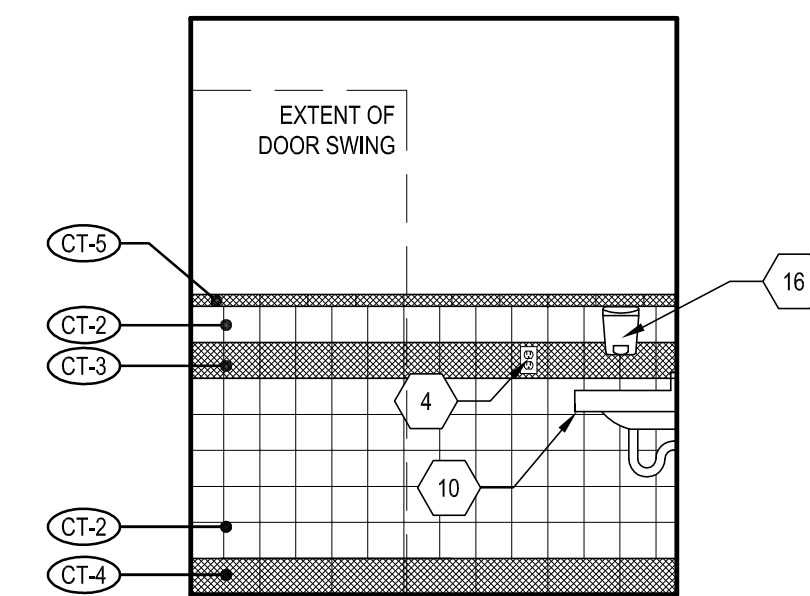
**D1 STAFF TOILET 152**  
SCALE: 3/8" = 1'-0"



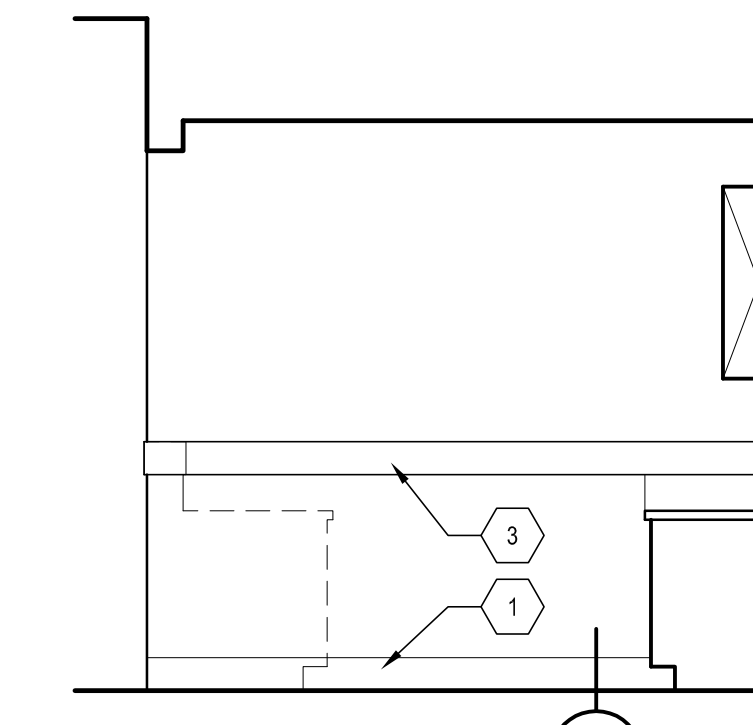
**D2 STAFF TOILET 152**  
SCALE: 3/8" = 1'-0"



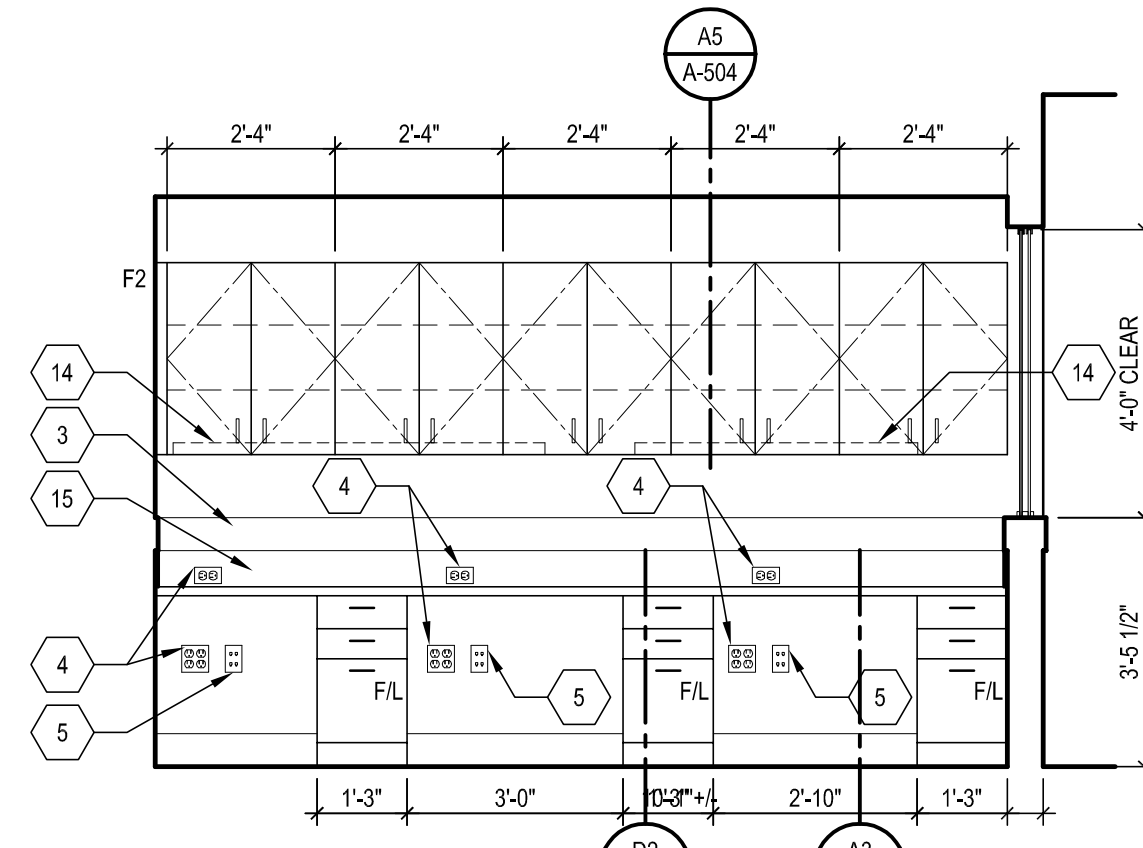
**D3 STAFF TOILET 152**  
SCALE: 3/8" = 1'-0"



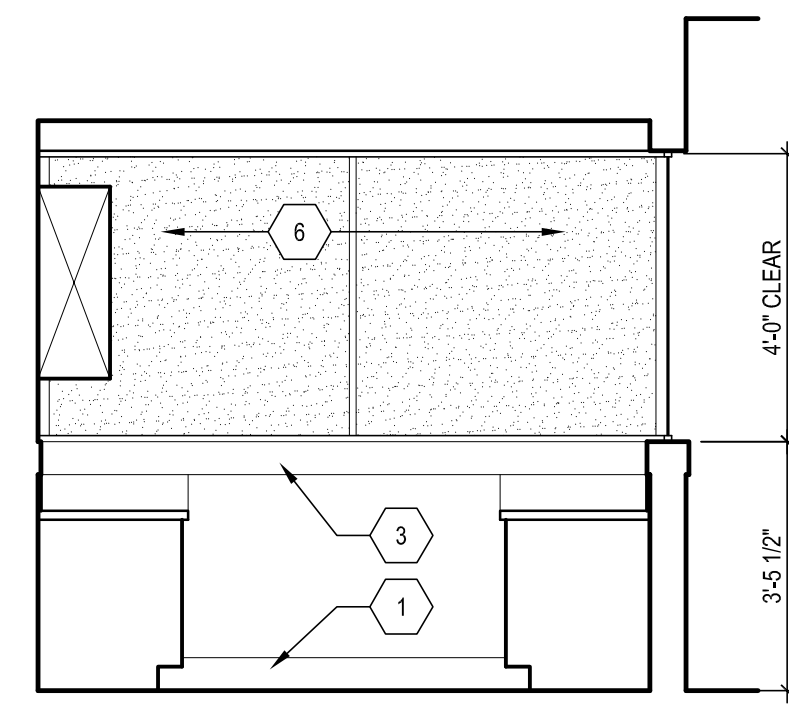
**D4 STAFF TOILET 152**  
SCALE: 3/8" = 1'-0"



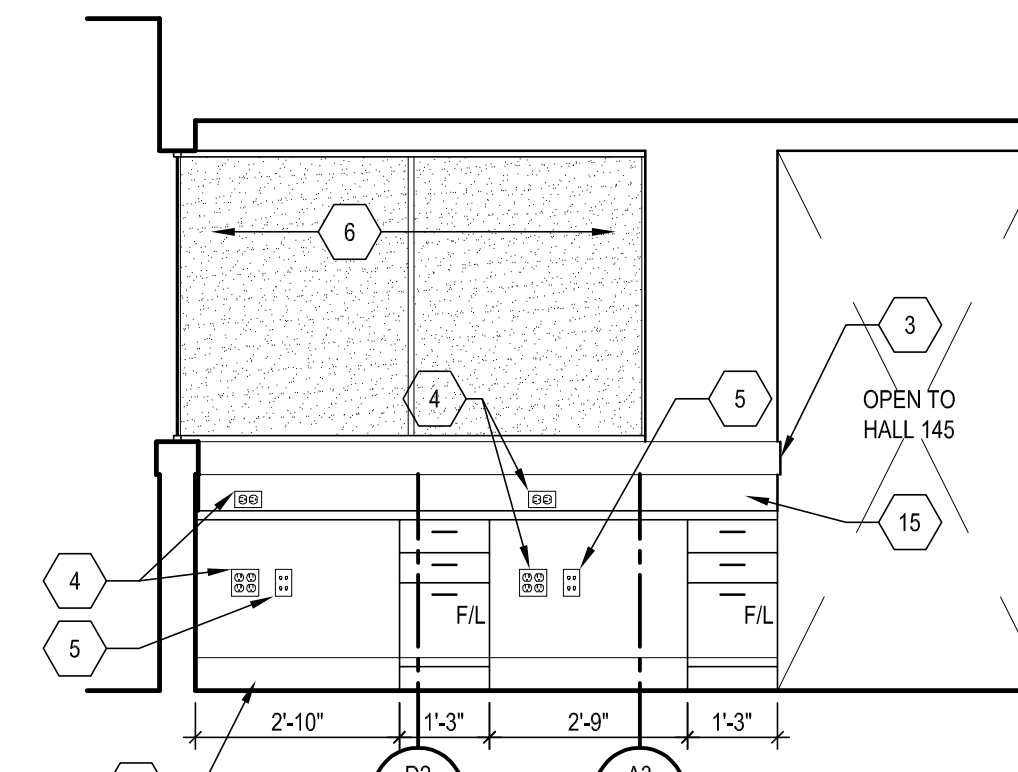
**C1 DENTAL POD 150**  
SCALE: 3/8" = 1'-0"



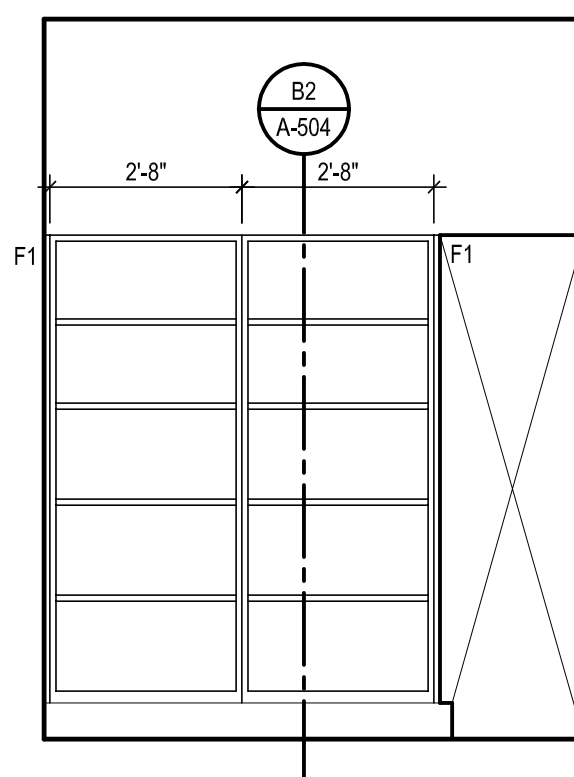
**C2 DENTAL POD 150**  
SCALE: 3/8" = 1'-0"



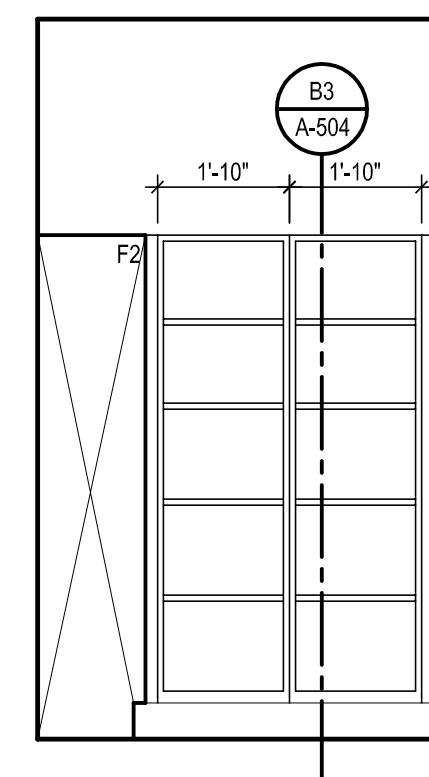
**C3 DENTAL POD 150**  
SCALE: 3/8" = 1'-0"



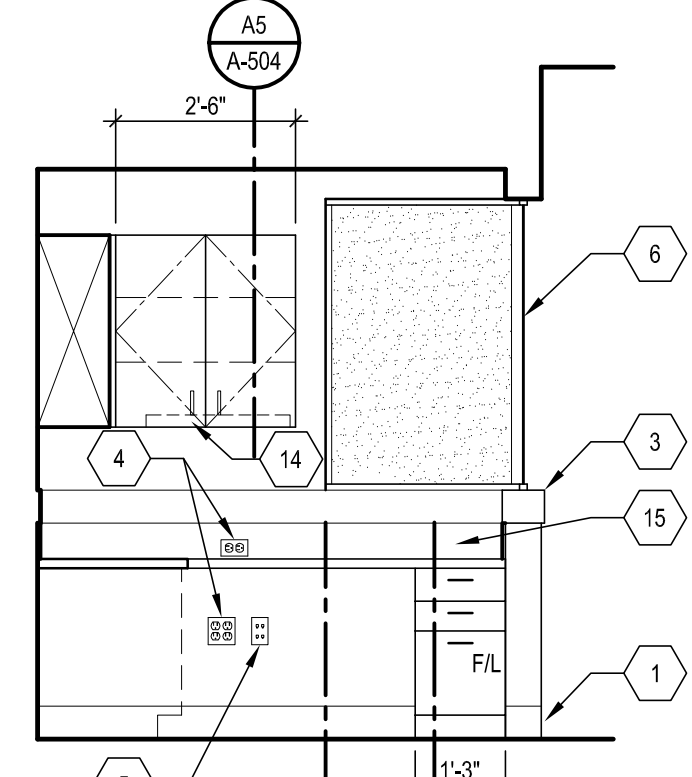
**C4 DENTAL POD 150**  
SCALE: 3/8" = 1'-0"



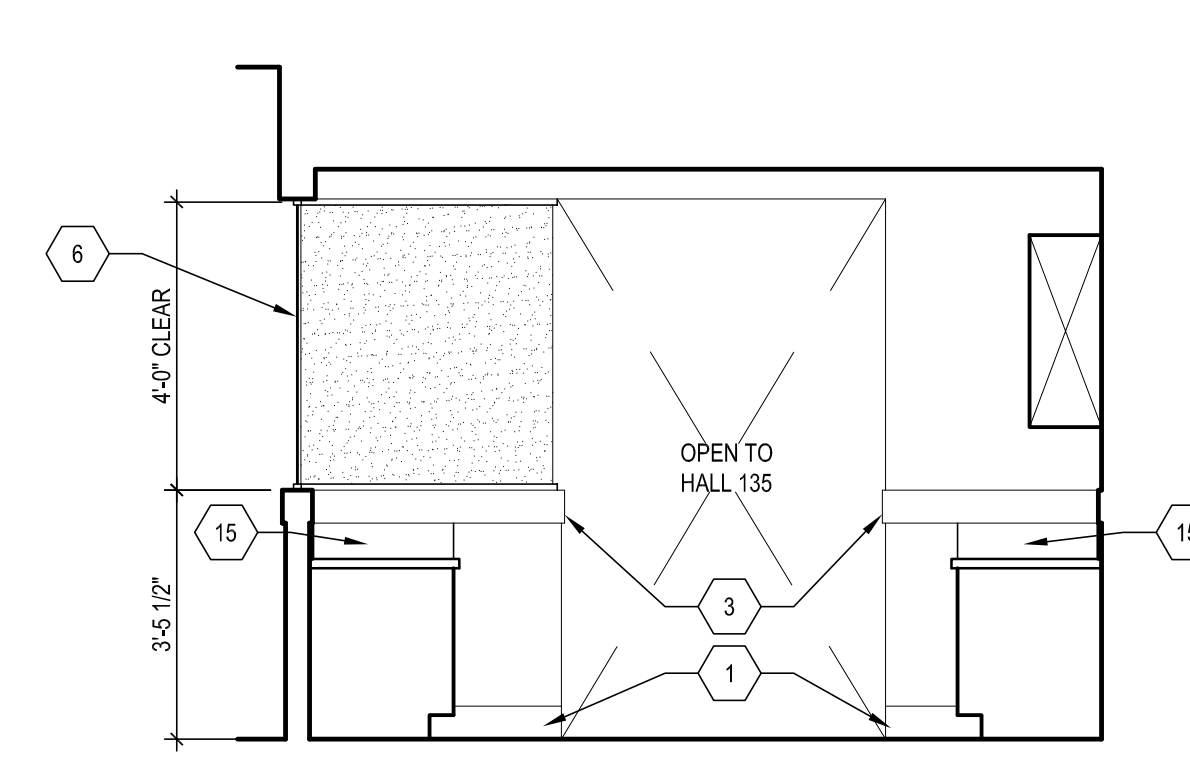
**B1 CLEAN STORAGE 139**  
SCALE: 3/8" = 1'-0"



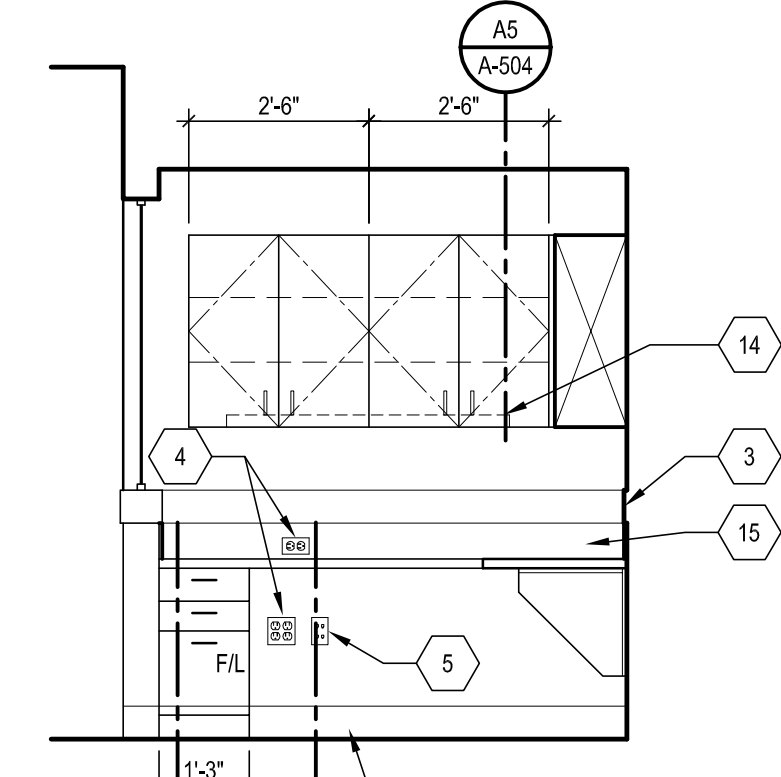
**B2 CLEAN STORAGE 139**  
SCALE: 3/8" = 1'-0"



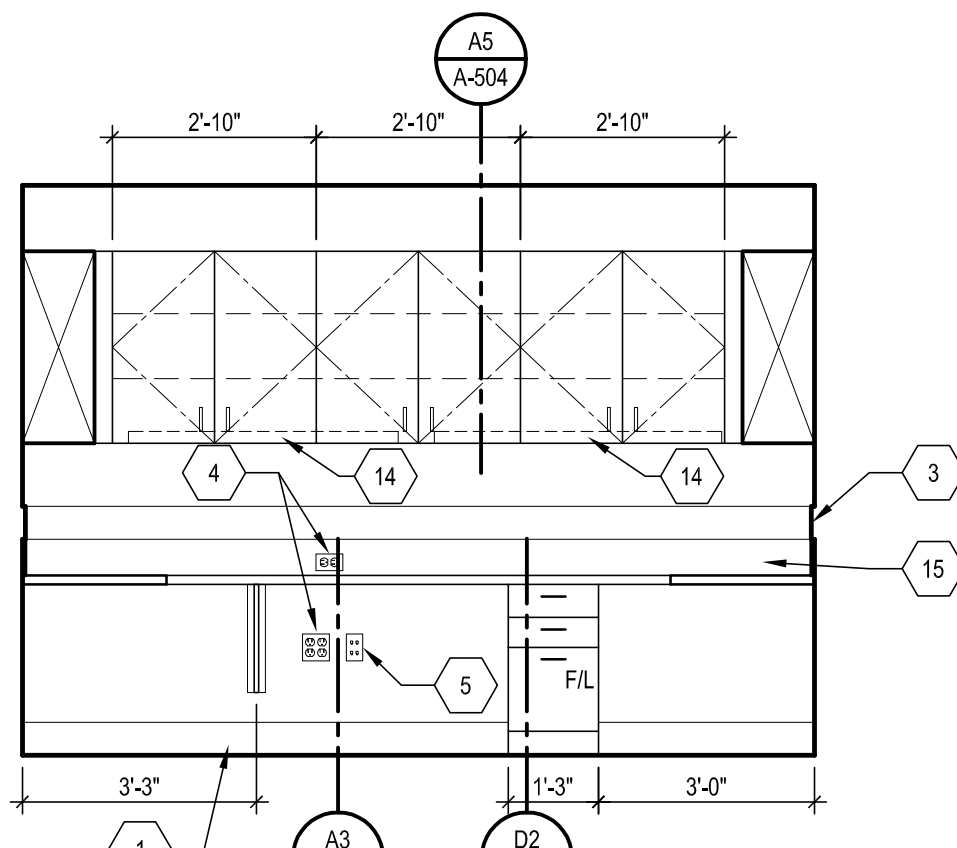
**B3 MEDICAL POD 140**  
SCALE: 3/8" = 1'-0"



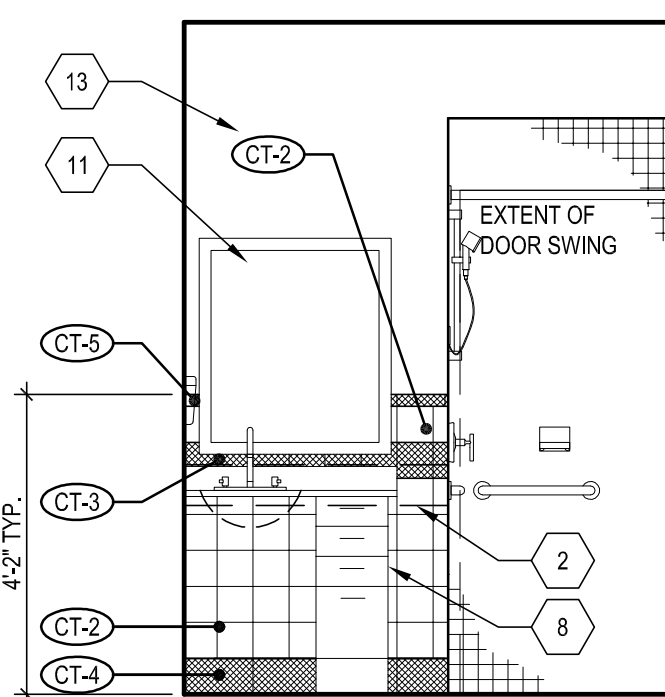
**B4 MEDICAL POD 140**  
SCALE: 3/8" = 1'-0"



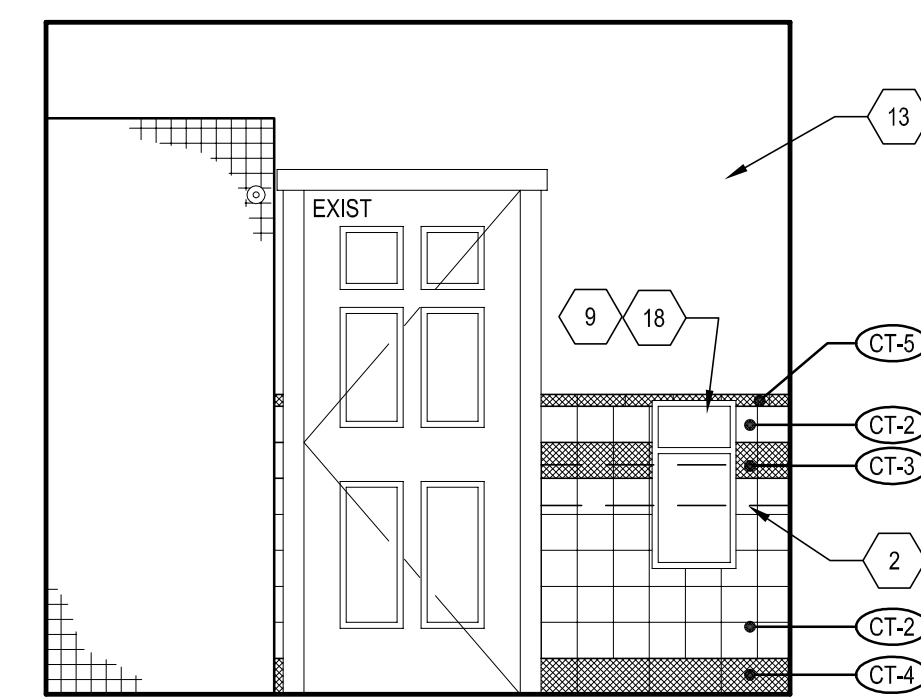
**B5 MEDICAL POD 140**  
SCALE: 3/8" = 1'-0"



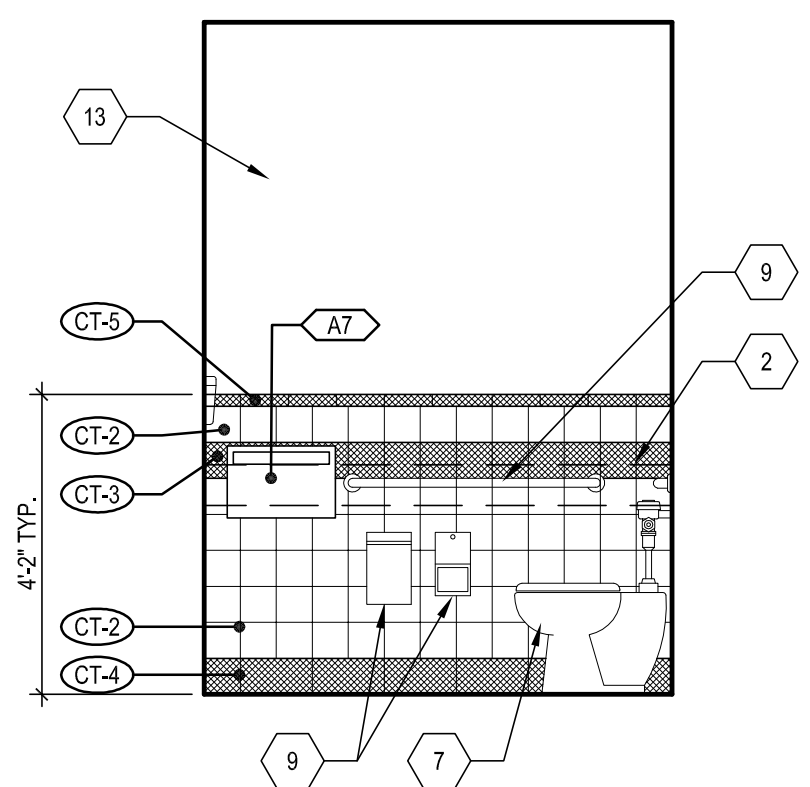
**A1 MEDICAL POD 140**  
SCALE: 3/8" = 1'-0"



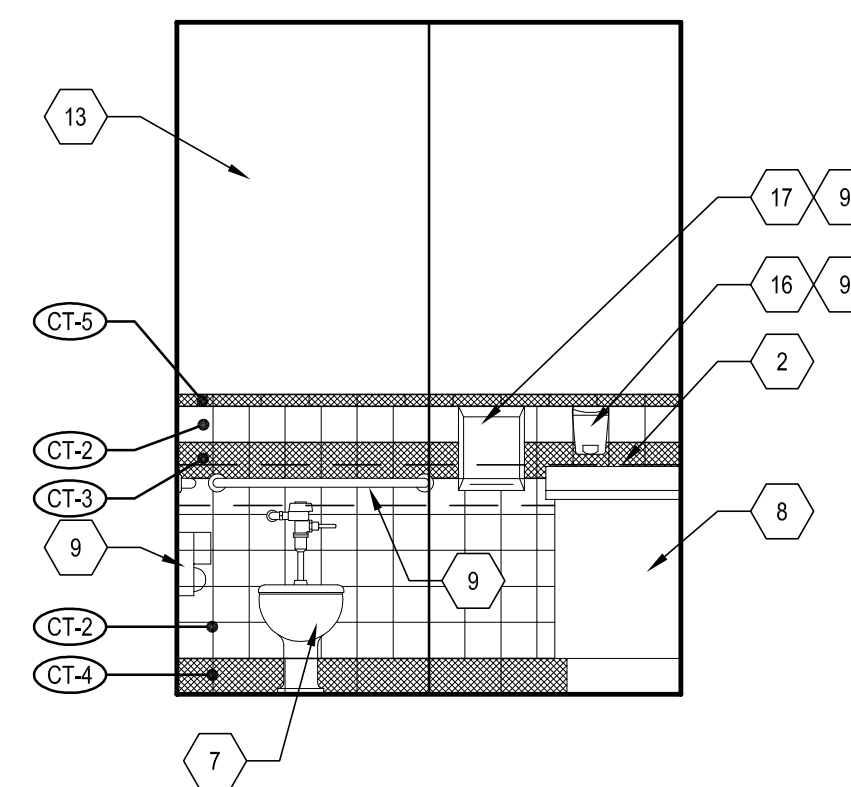
**A2 STAFF TOILET 134**  
SCALE: 3/8" = 1'-0"



**A3 STAFF TOILET 134**  
SCALE: 3/8" = 1'-0"



**A4 STAFF TOILET 134**  
SCALE: 3/8" = 1'-0"



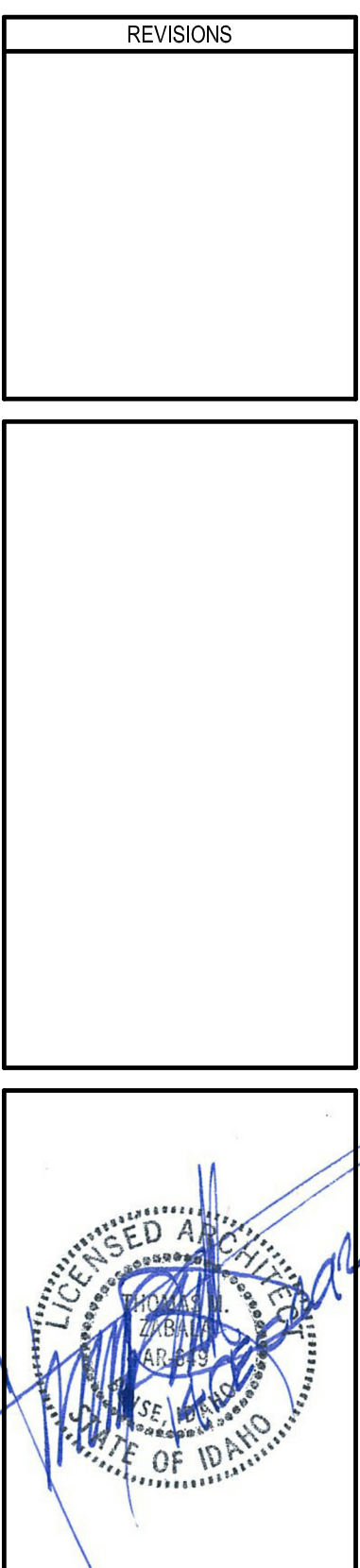
**A5 STAFF TOILET 134**  
SCALE: 3/8" = 1'-0"

**GENERAL SHEET NOTES**

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 L = LOCK ON CABINET DOORS
- B. FOR PLUMBING FIXTURE AND ACCESSORY MOUNTING HEIGHTS SEE SHEET A-202.
- C. VERIFY ALL DIMENSIONS BETWEEN WALLS FOR CABINETS.
- D. ALL VERTICAL DIMENSIONS ARE FROM TOP OF FINISHED FLOORING. ADJUST DIMENSIONS IF CABINETS ARE INSTALLED PRIOR TO FLOORING UNDERLAYMENT.
- E. PROVIDE IN-WALL BLOCKING FOR WALL MOUNTED ACCESSORIES AND EQUIPMENT.
- F. OUTLETS SHOWN FOR COORDINATION ONLY. SEE ELECTRICAL DRAWINGS.
- G. COORDINATE LOCATIONS FOR GROMMETS AT WORK SURFACES WITH OWNER SUPPLIED COMPUTERS, TELEPHONES AND EQUIPMENT.

**SHEET KEYNOTES**

- WALL BASE AS SCHEDULED.
- EXISTING CHAIR RAIL TO BE REMOVED.
- CHAIR RAIL, 3/4" x 5 1/2" LIGHT STAINED HARDWOOD.
- ELECTRICAL OUTLET, SEE ELECTRICAL DRAWINGS.
- DATA OUTLET, SEE ELECTRICAL DRAWINGS.
- ART GLASS, SEE SHEET A-209.
- EXISTING TOILET, LIFT AND REATTACH COLLAR TO ACCOMMODATE TILE.
- EXISTING CASEWORK, REMOVE FOR NEW FINISH INSTALLATION.
- EXISTING ACCESSORIES REINSTALLED.
- PLUMBING FIXTURE, SEE PLUMBING DRAWINGS.
- EXISTING MIRROR REINSTALLED, SHIM BACK AS NECESSARY FOR MOUNTING ON UNEVEN SURFACES.
- LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
- PAINT TO MATCH EXISTING.
- UNDER-CABINET LIGHTING.
- PLASTIC LAMINATE BACKSPASH.
- SOAP DISPENSER, O.F.C.I.
- ROLL TOWEL DISPENSER, O.F.C.I.
- EXISTING RECESSED WASTE RECEPTACLE.



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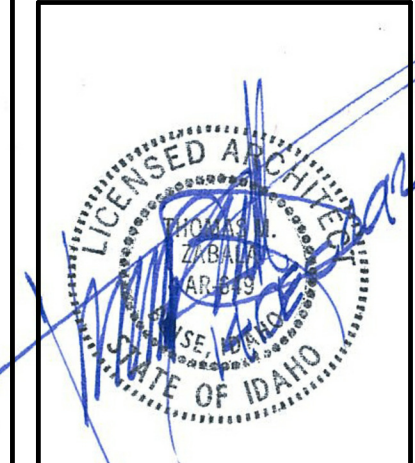
**DESERT SAGE HEALTH CENTER  
 ADDITION AND REMODEL  
 MOUNTAIN HOME, IDAHO**

### GENERAL SHEET NOTES

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### SHEET KEYNOTES

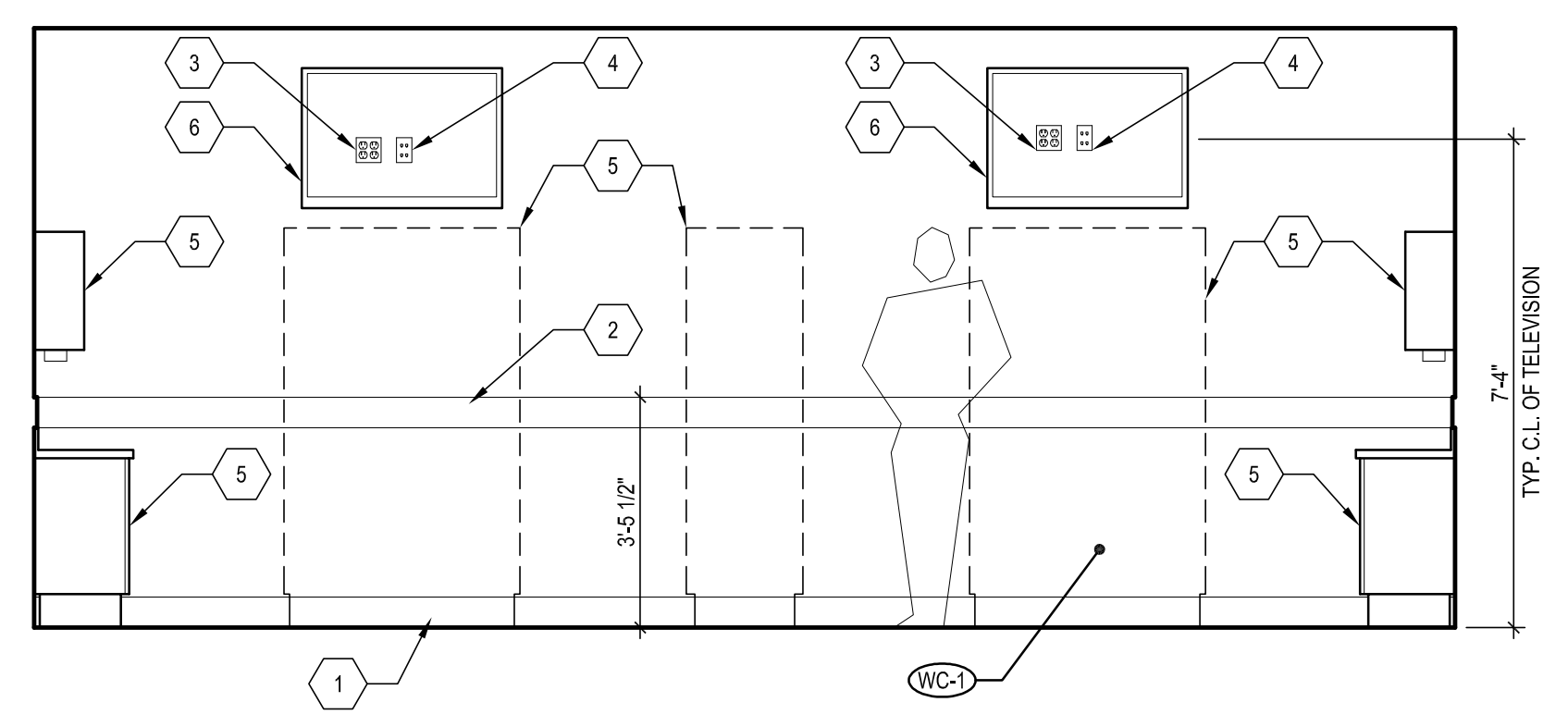
- WALL BASE AS SCHEDULED.
- CHAIR RAIL, 3/4" x 5 1/2" LIGHT STAINED HARDWOOD.
- ELECTRICAL OUTLET, SEE ELECTRICAL DRAWINGS.
- DATA OUTLET, SEE ELECTRICAL DRAWINGS.
- DENTAL EQUIPMENT, N.I.C., COORDINATE WITH DENTAL EQUIPMENT CONTRACT PLACEMENT OF UTILITIES IN WALL AND FLOOR.
- TELEVISION AND WALL BRACKET, O.F.C.I.
- APPLIANCE, C.F.C.I.
- PLUMBING FIXTURE, SEE PLUMBING DRAWINGS.
- EXISTING CHAIR RAIL TO BE REMOVED.
- LADDER.
- EXISTING TOILET, LIFT AND REATTACH COLLAR TO ACCOMMODATE TILE.
- EXISTING CASEWORK AND PLUMBING, REMOVE FOR NEW FINISH INSTALLATION.
- EXISTING ACCESSORIES REINSTALLED.
- EXISTING MIRROR REINSTALLED, SHIM AS NECESSARY FOR MOUNTING ON UNEVEN SURFACES.
- WASHER WALL BOX. (VERIFY LOCATION WITH WASHER/DRYER COMBO UNIT).
- DRYER BOX: IN-O-VATE TECHNOLOGIES, INC. MODEL 40 (VERIFY LOCATION WITH WASHER/DRYER COMBO UNIT)
- WASHER/DRYER COMBO, O.F.C.I.
- PAINT TO MATCH EXISTING.
- SOAP DISPENSER, O.F.C.I.
- ROLL TOWEL DISPENSER, O.F.C.I.
- EXISTING RECESSED WASTE RECEPTACLE.
- WINDOW COVERING.



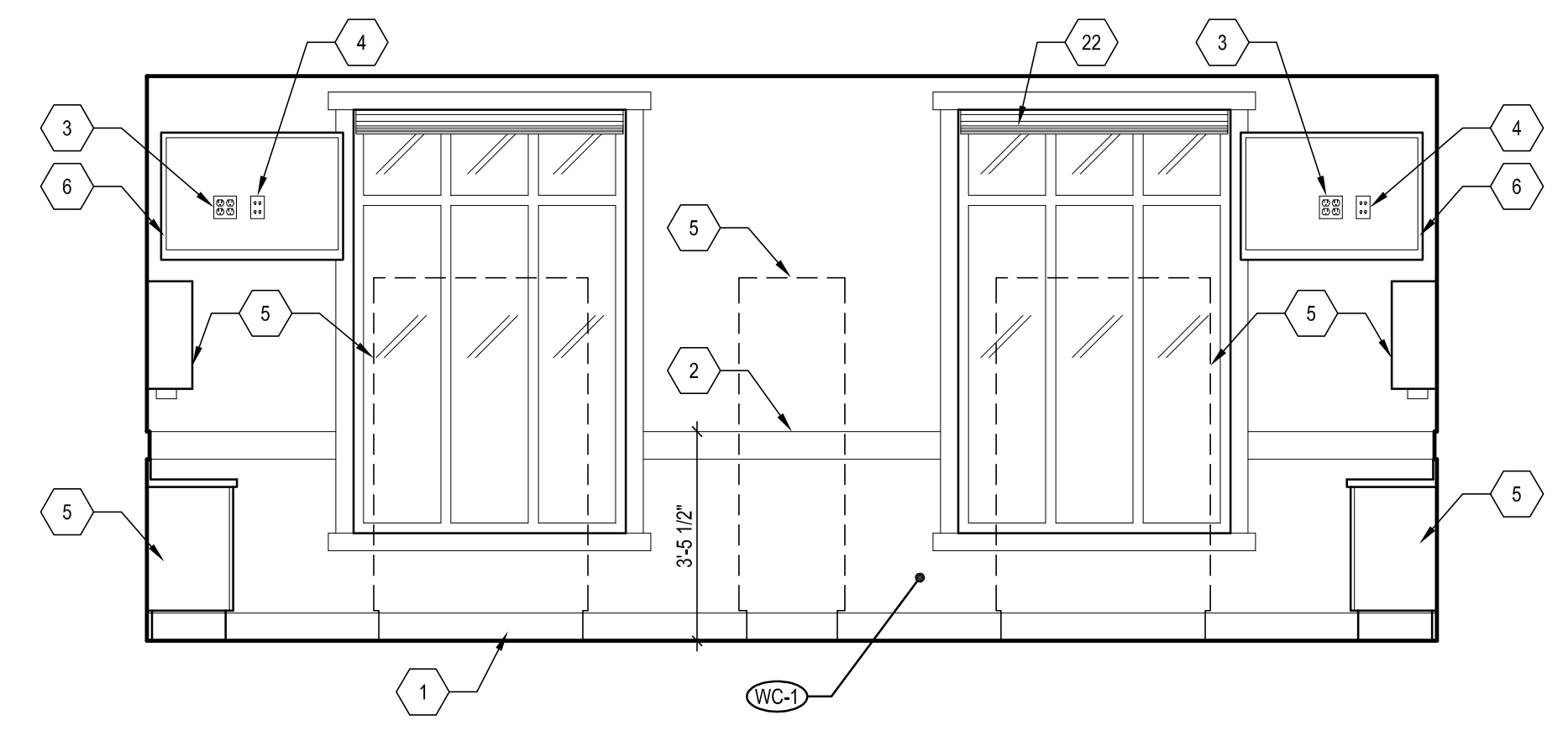
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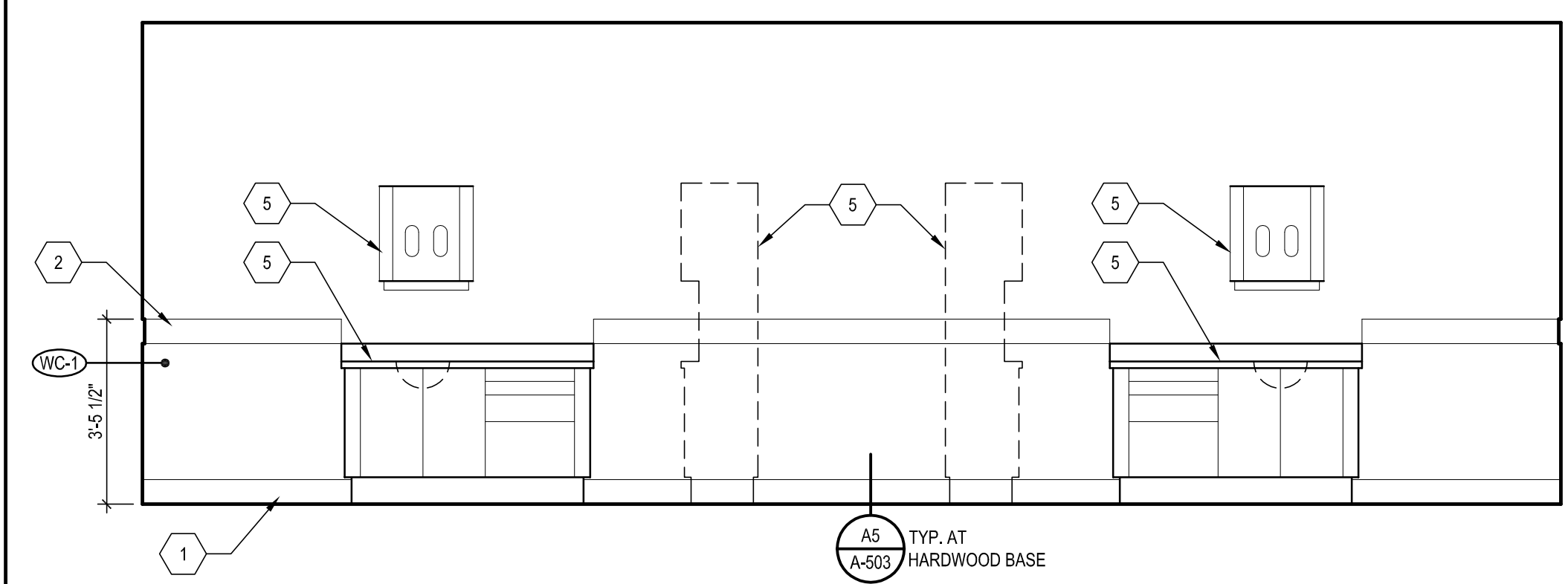
DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET: **A-205**  
 INTERIOR ELEVATIONS



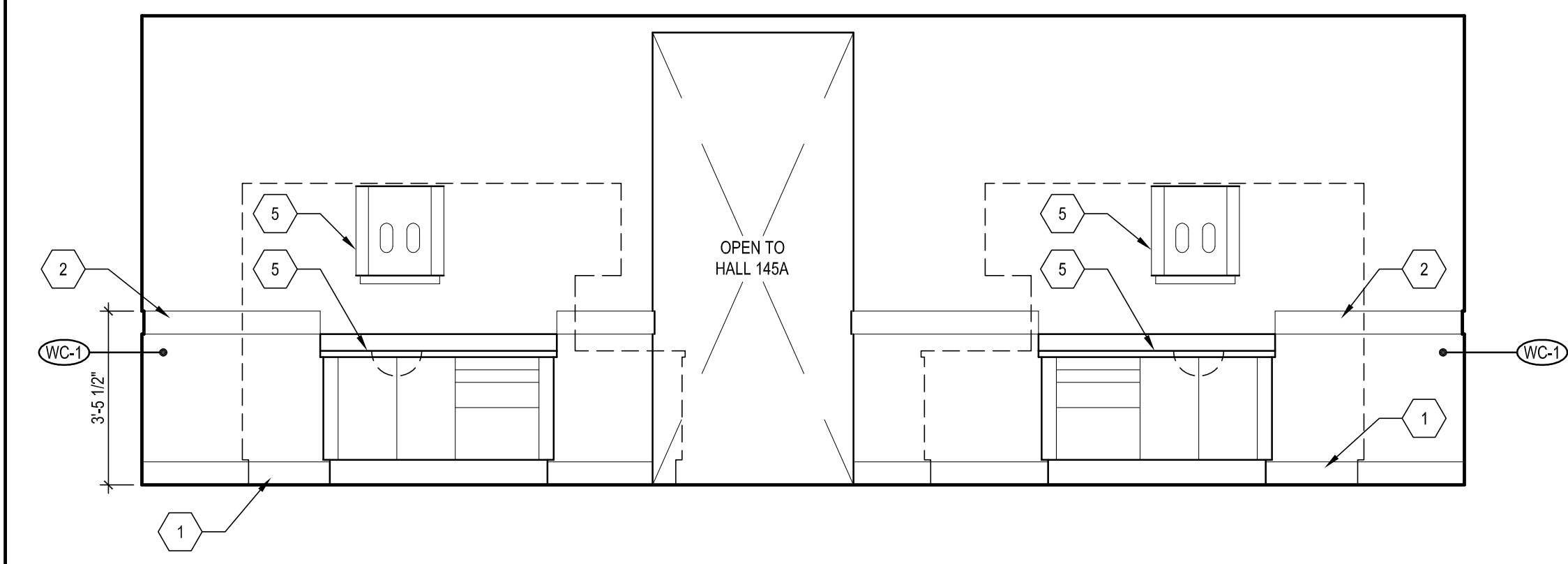
**D3 DENTAL OPERATORIES 158**  
 SCALE: 3/8" = 1'-0"



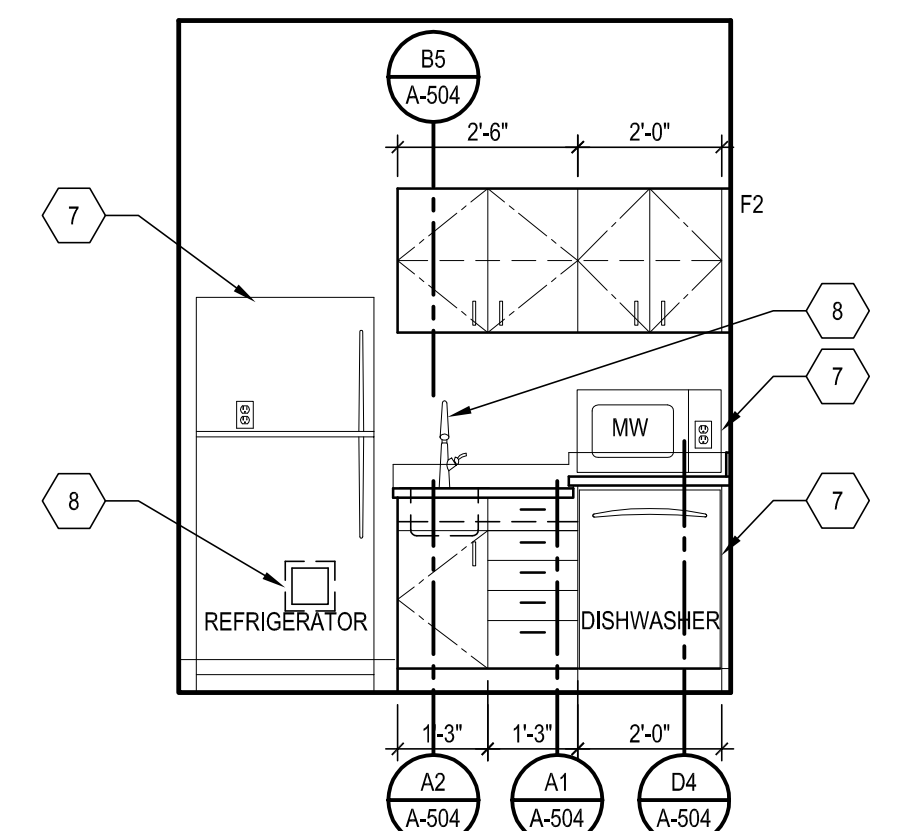
**C3 DENTAL OPERATORIES 158**  
 SCALE: 3/8" = 1'-0"



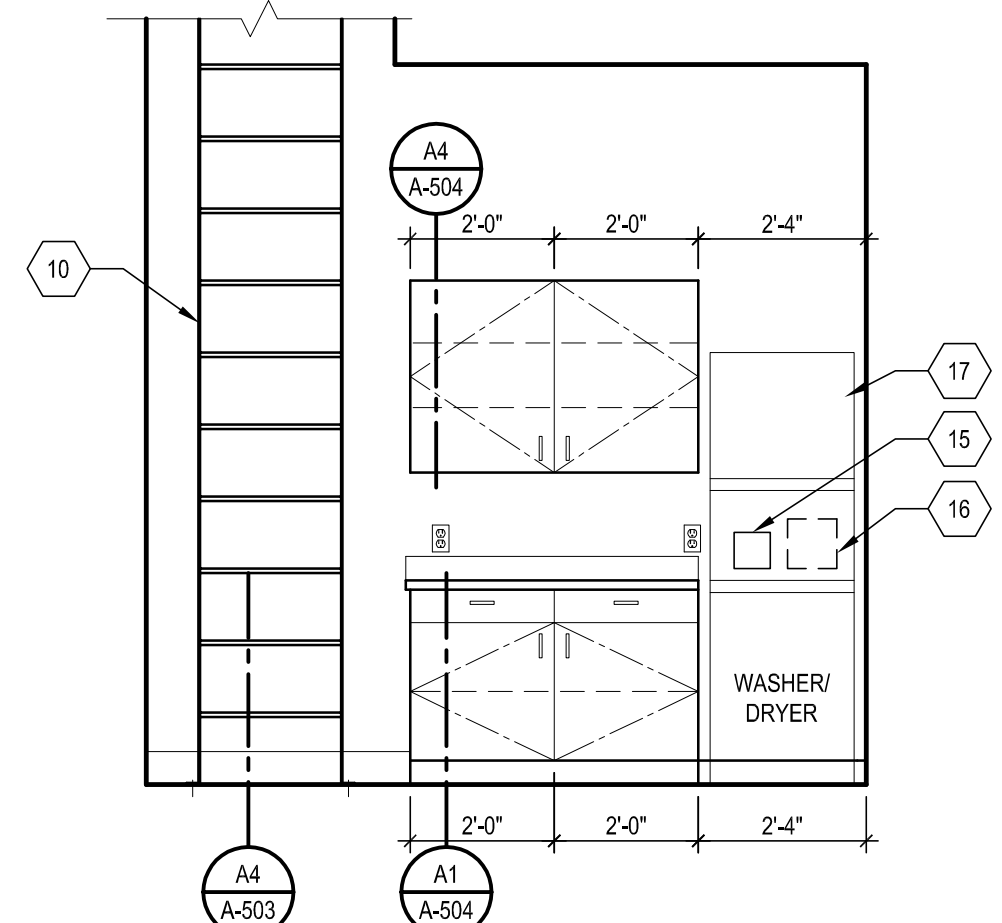
**D1 DENTAL OPERATORIES 158**  
 SCALE: 3/8" = 1'-0"



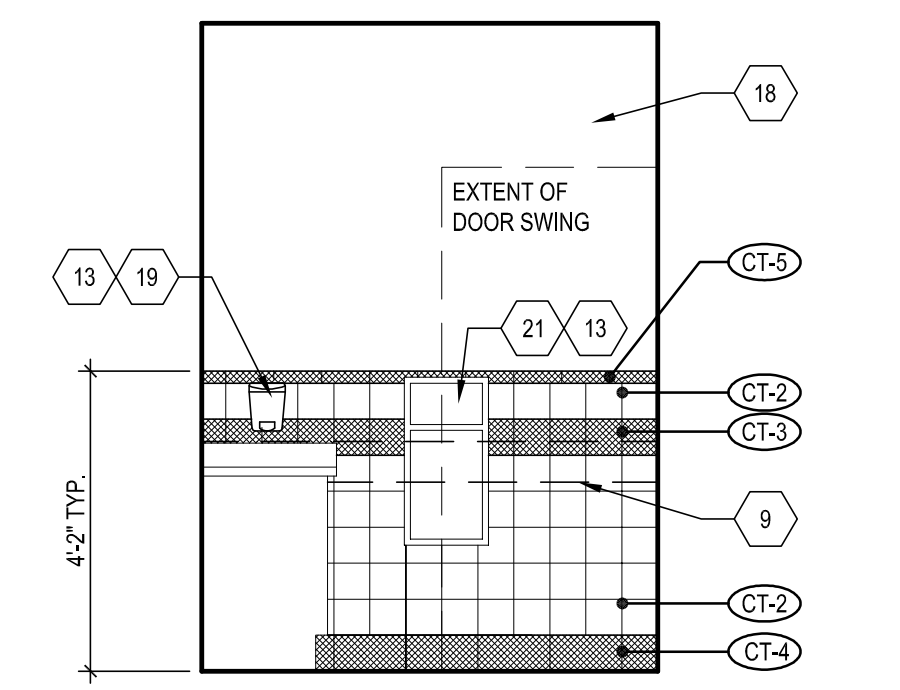
**C1 DENTAL OPERATORIES 158**  
 SCALE: 3/8" = 1'-0"



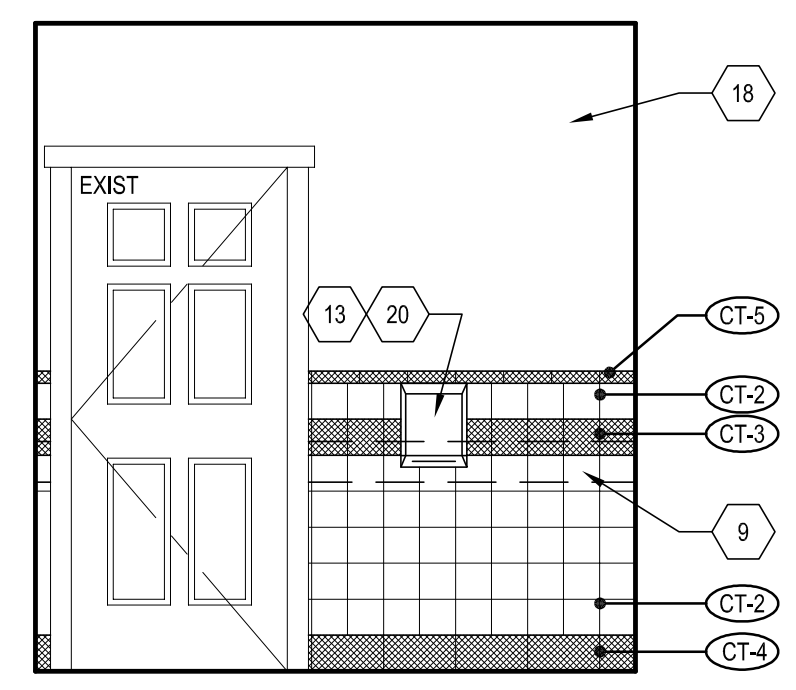
**B1 STAFF BREAK 151**  
 SCALE: 3/8" = 1'-0"



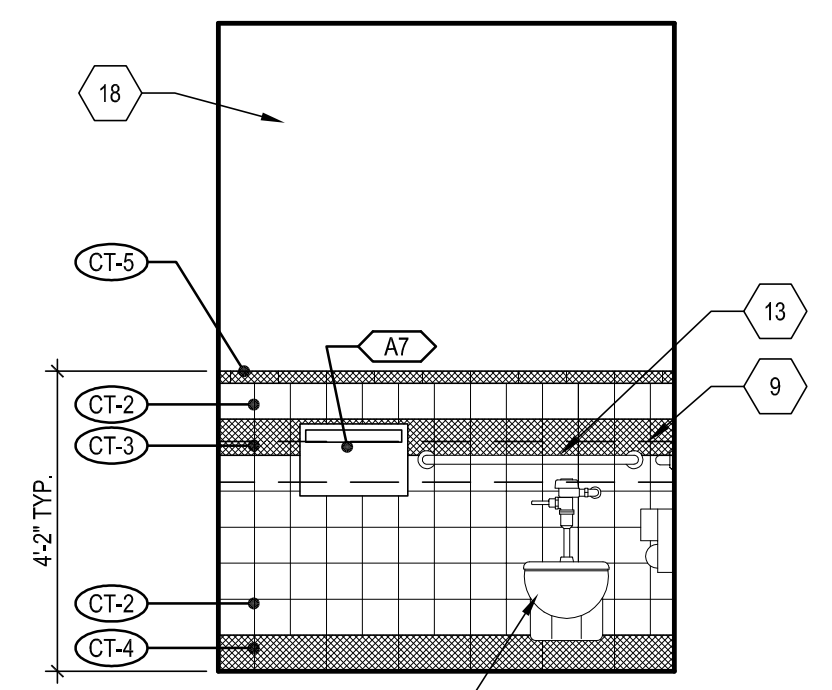
**B2 STORAGE 156**  
 SCALE: 3/8" = 1'-0"



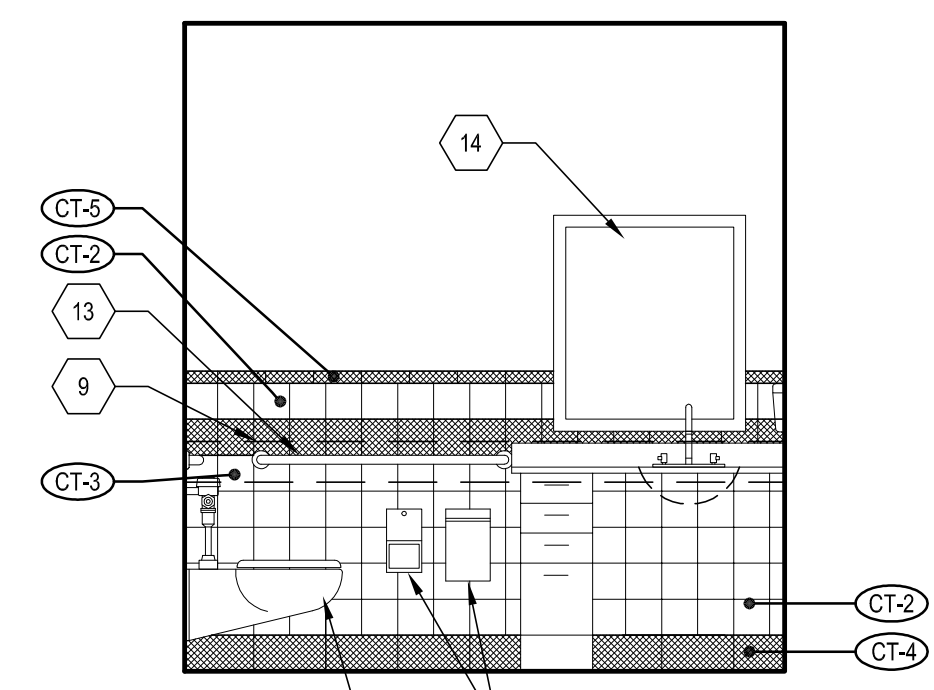
**A1 PATIENT TOILET 155**  
 SCALE: 3/8" = 1'-0"



**A2 PATIENT TOILET 155**  
 SCALE: 3/8" = 1'-0"



**A3 PATIENT TOILET 155**  
 SCALE: 3/8" = 1'-0"



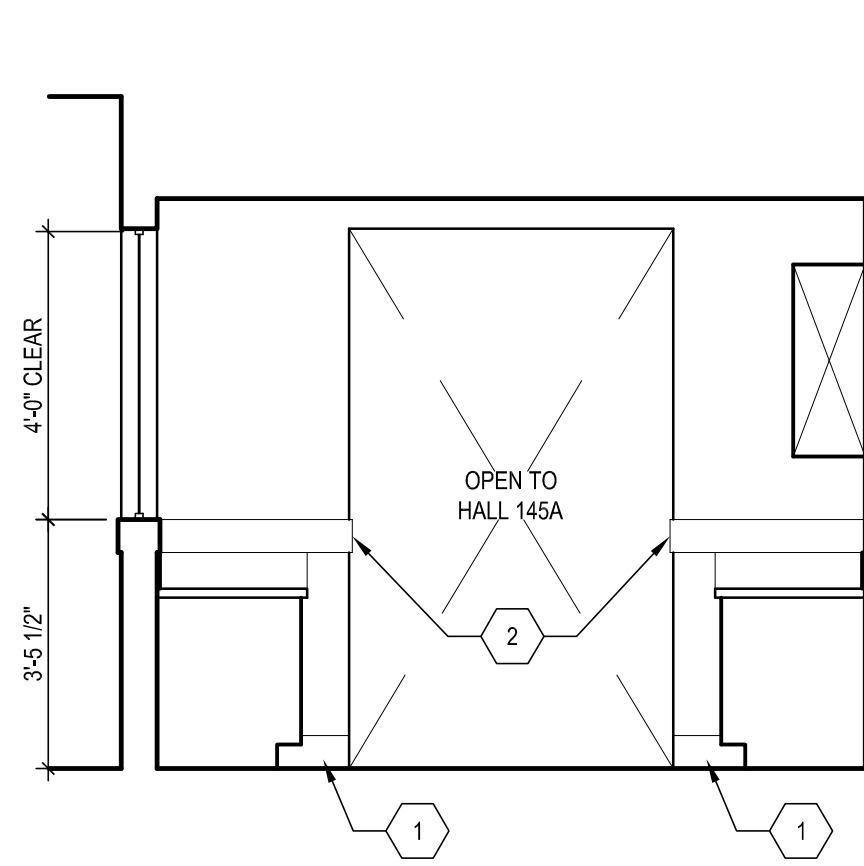
**A4 PATIENT TOILET 155**  
 SCALE: 3/8" = 1'-0"

### GENERAL SHEET NOTES

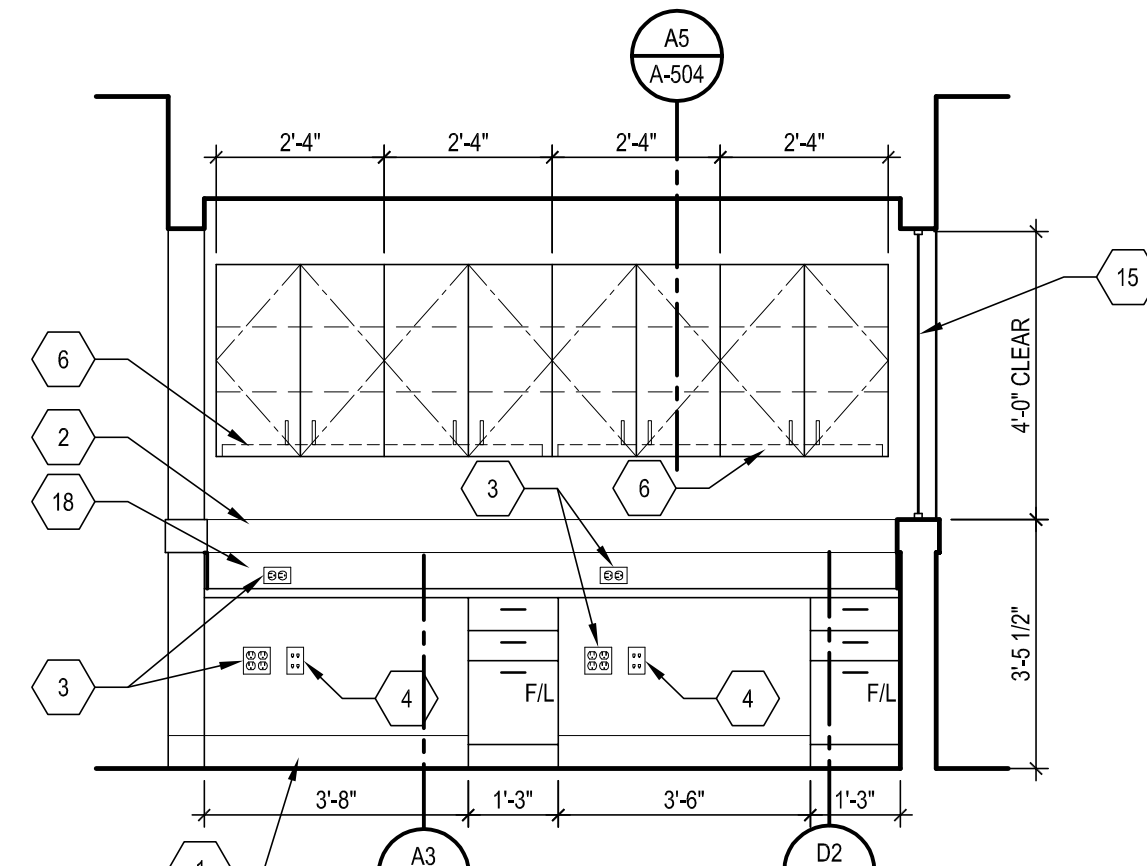
- A. ABBREVIATIONS:  
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 F/L = FILE DRAWER WITH HANGING FILE SYSTEM AND LOCK  
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 F2 = CABINET FILLER, 2" MAXIMUM WIDTH  
 L = LOCK ON CABINET DOORS
- B. FOR PLUMBING FIXTURE AND ACCESSORY MOUNTING HEIGHTS SEE SHEET A-202.  
 C. VERIFY ALL DIMENSIONS BETWEEN WALLS FOR CABINETS.  
 D. ALL VERTICAL DIMENSIONS ARE FROM TOP OF FINISHED FLOORING. ADJUST DIMENSIONS IF CABINETS ARE INSTALLED PRIOR TO FLOORING UNDERLAYMENT.  
 E. PROVIDE IN-WALL BLOCKING FOR WALL MOUNTED ACCESSORIES AND EQUIPMENT.  
 F. OUTLETS SHOWN FOR COORDINATION ONLY. SEE ELECTRICAL DRAWINGS.  
 G. COORDINATE LOCATIONS FOR GROMMETS AT WORK SURFACES WITH OWNER SUPPLIED COMPUTERS, TELEPHONES AND EQUIPMENT.

### SHEET KEYNOTES

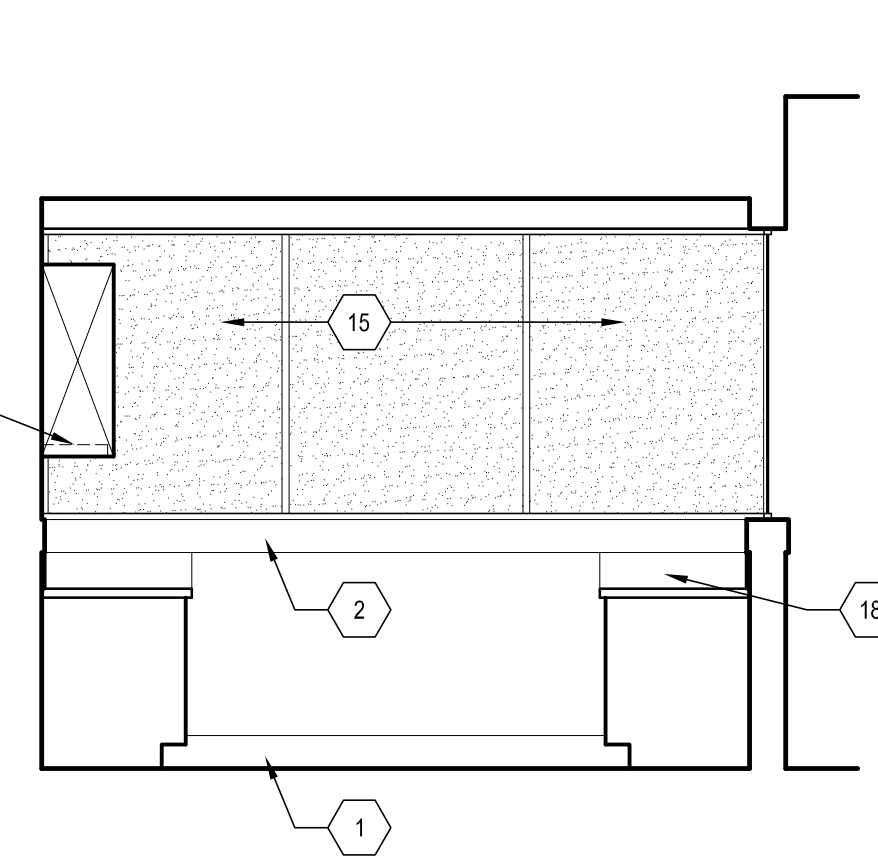
1. WALL BASE AS SCHEDULED.
2. CHAIR RAIL, 3/4" x 5 1/2" LIGHT STAINED HARDWOOD.
3. ELECTRICAL OUTLET. SEE ELECTRICAL DRAWINGS.
4. DATA OUTLET. SEE ELECTRICAL DRAWINGS.
5. PROJECTOR, O.F.C.J. - DATA WIRING, N.I.C.
6. UNDER-CABINET LIGHTING.
7. WINDOW COVERING.
8. EXISTING CASEWORK REINSTALLED.
9. EXISTING CASEWORK ANGLED END PANELS DISCARDED.
10. PROVIDE NEW END PANEL. MATCH FINISH OF EXISTING CASEWORK.
11. REPLACE AND RE-SWING DOOR. REPAIR HOLES IN BOX.
12. AUDIO-VISUAL EQUIPMENT N.I.C.
13. LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
14. EXISTING "SMART BOARD" REINSTALLED. SEE ELECTRICAL DRAWINGS.
15. ART GLASS. SEE SHEET A-209.
16. WOOD SOFFIT. SEE SHEET A-103.
17. EXISTING PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.
18. PLASTIC LAMINATE BACKSPASH.



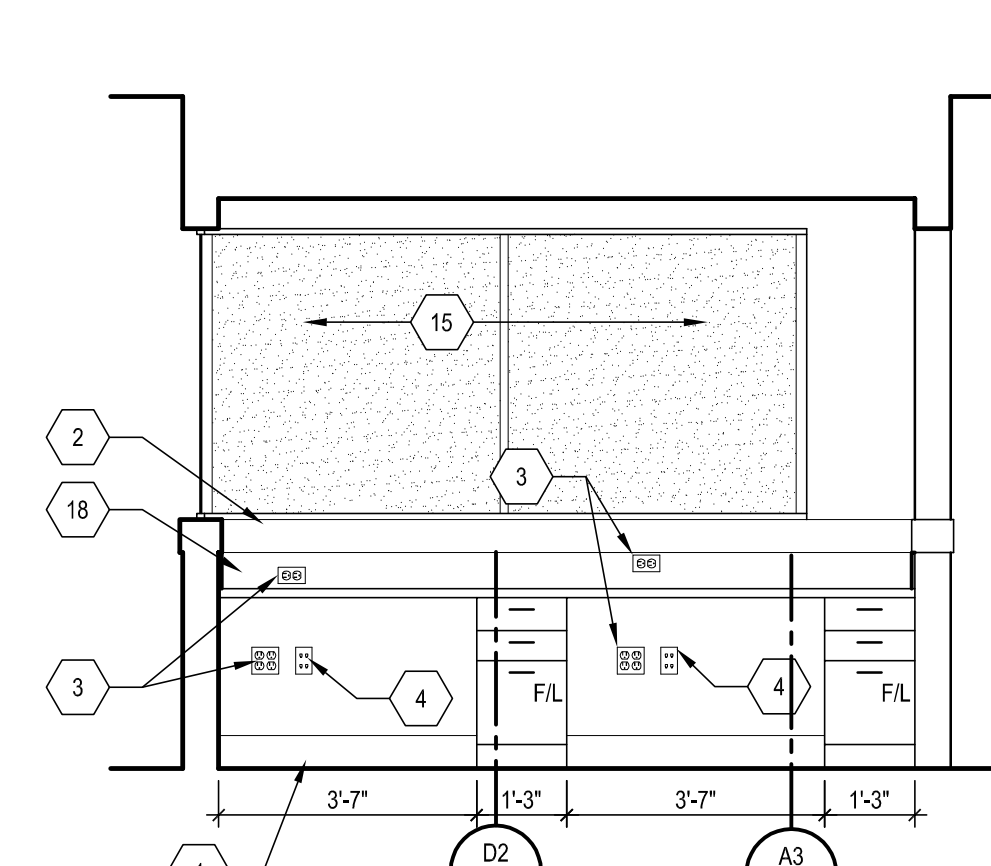
**A1 DENTAL POD 154**  
SCALE: 3/8" = 1'-0"



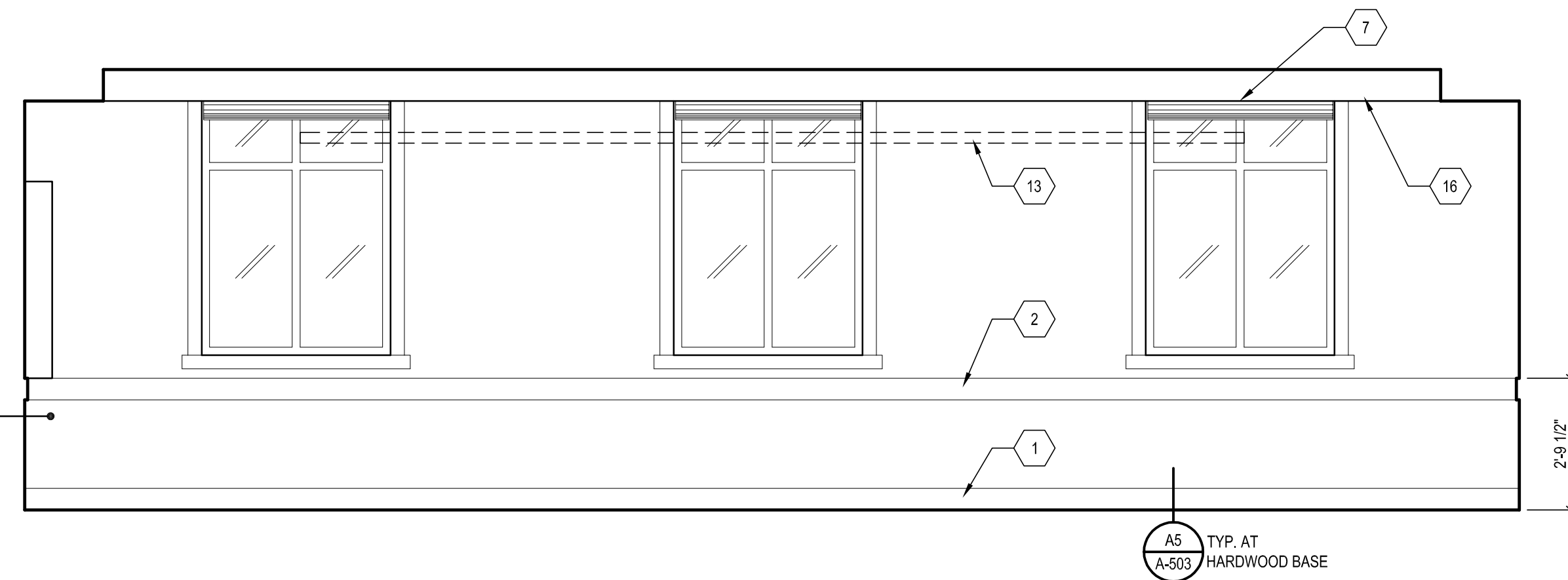
**A2 DENTAL POD 154**  
SCALE: 3/8" = 1'-0"



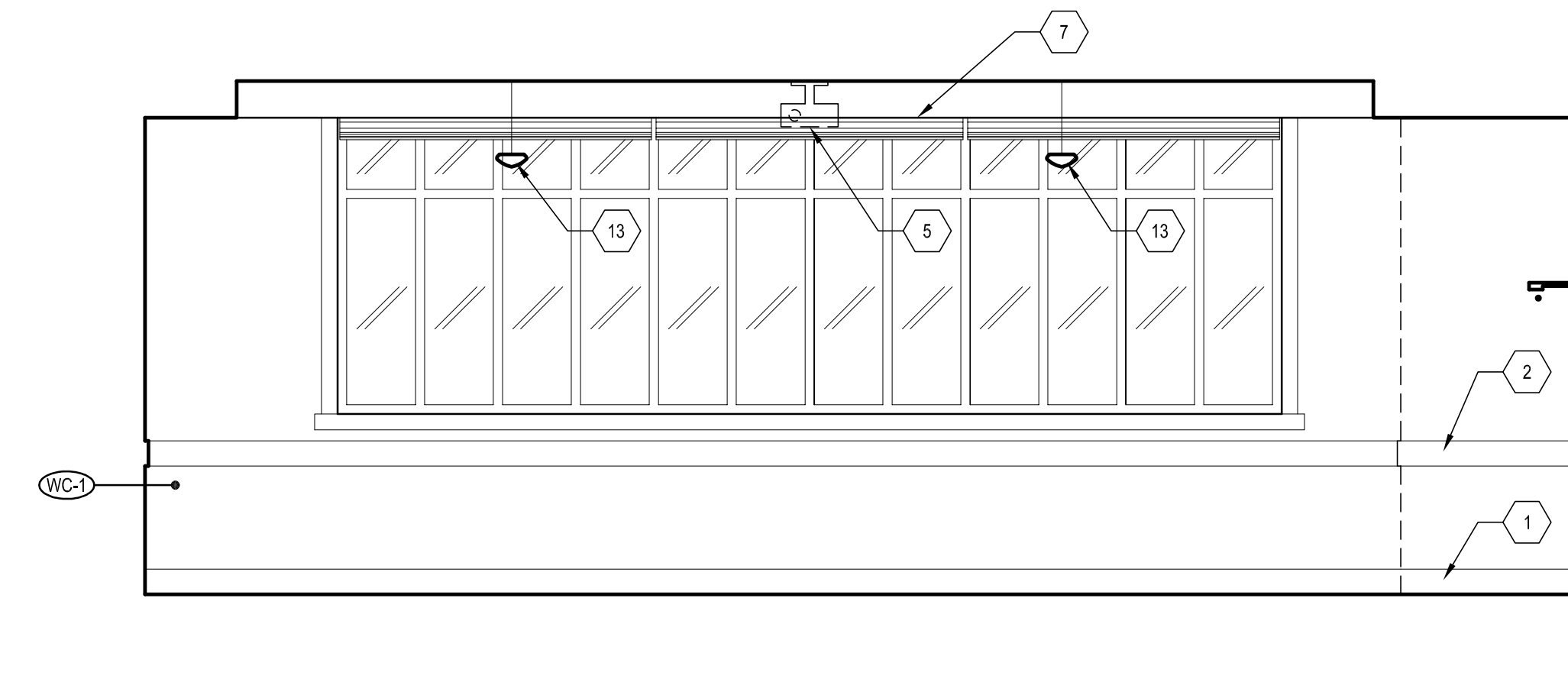
**A3 DENTAL POD 154**  
SCALE: 3/8" = 1'-0"



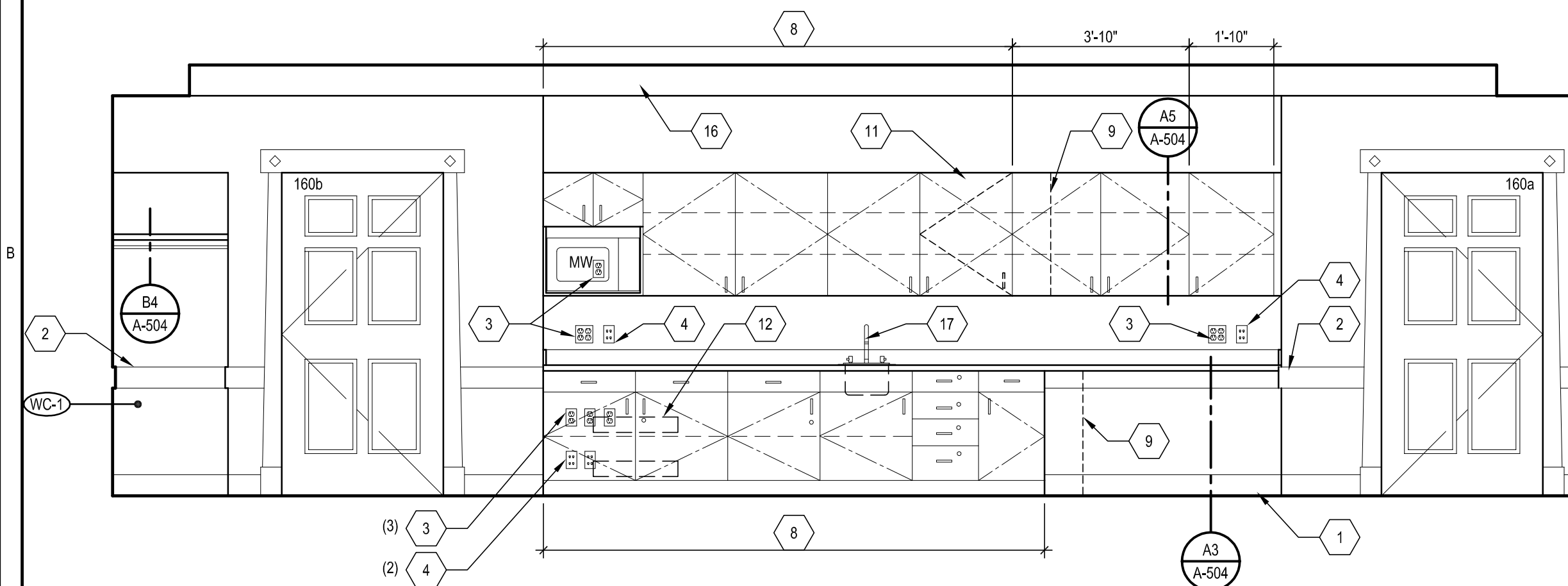
**A4 DENTAL POD 154**  
SCALE: 3/8" = 1'-0"



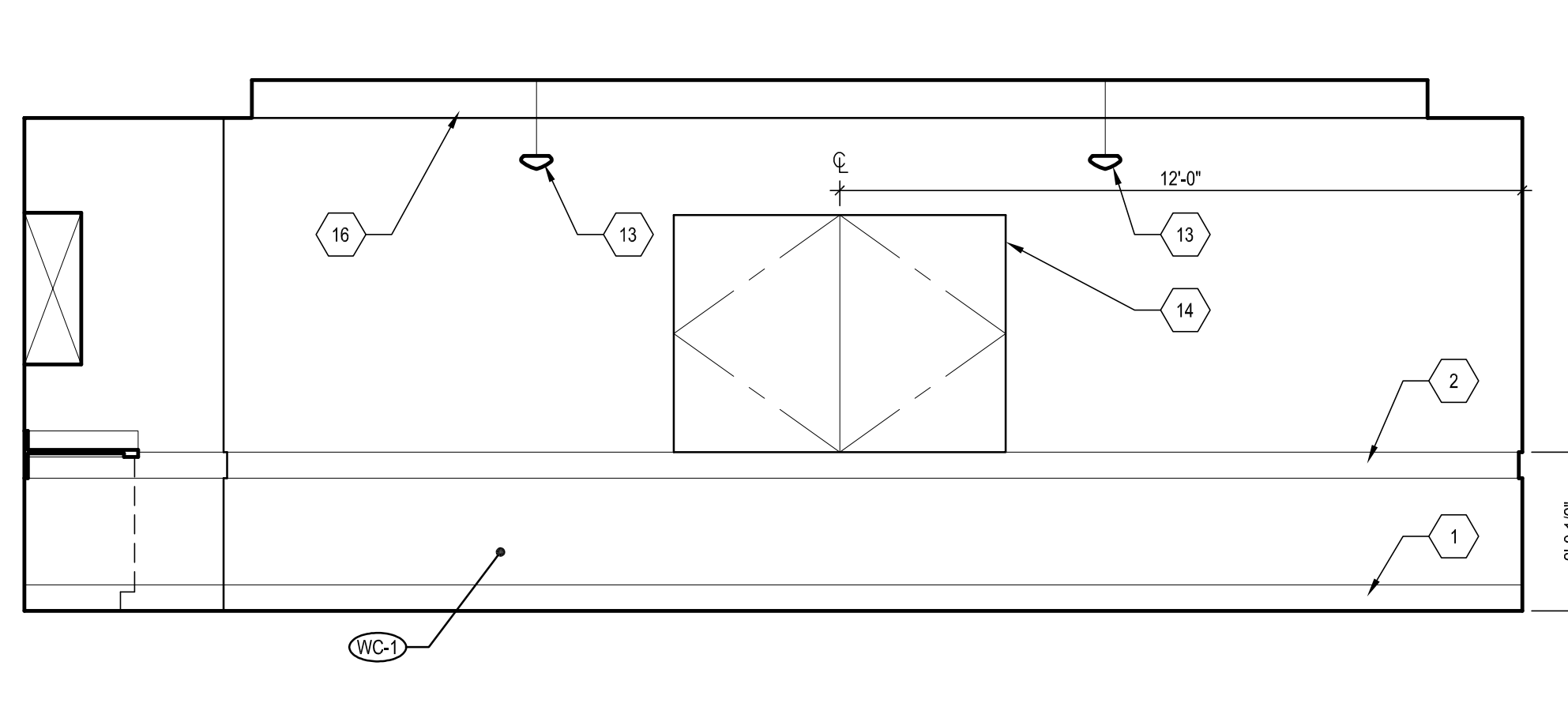
**D1 CONFERENCE / EDUCATION 160**  
SCALE: 3/8" = 1'-0"



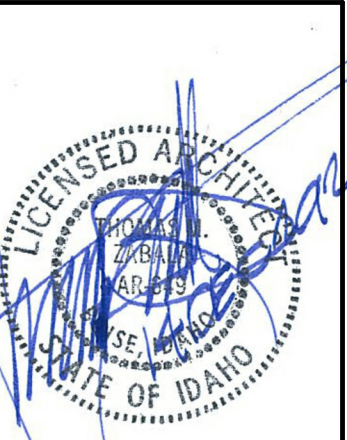
**D3 CONFERENCE / EDUCATION 160**  
SCALE: 3/8" = 1'-0"



**C1 CONFERENCE / EDUCATION 160**  
SCALE: 3/8" = 1'-0"



**C3 CONFERENCE / EDUCATION 160**  
SCALE: 3/8" = 1'-0"



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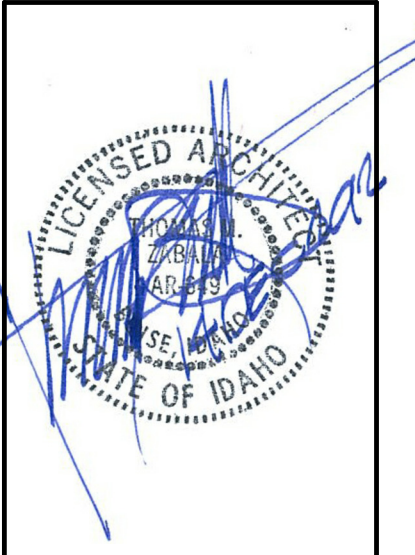


GENERAL SHEET NOTES

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- G. COORDINATE LOCATIONS FOR GROMMETS AT WORK SURFACES WITH OWNER SUPPLIED COMPUTERS, TELEPHONES AND EQUIPMENT.

SHEET KEYNOTES

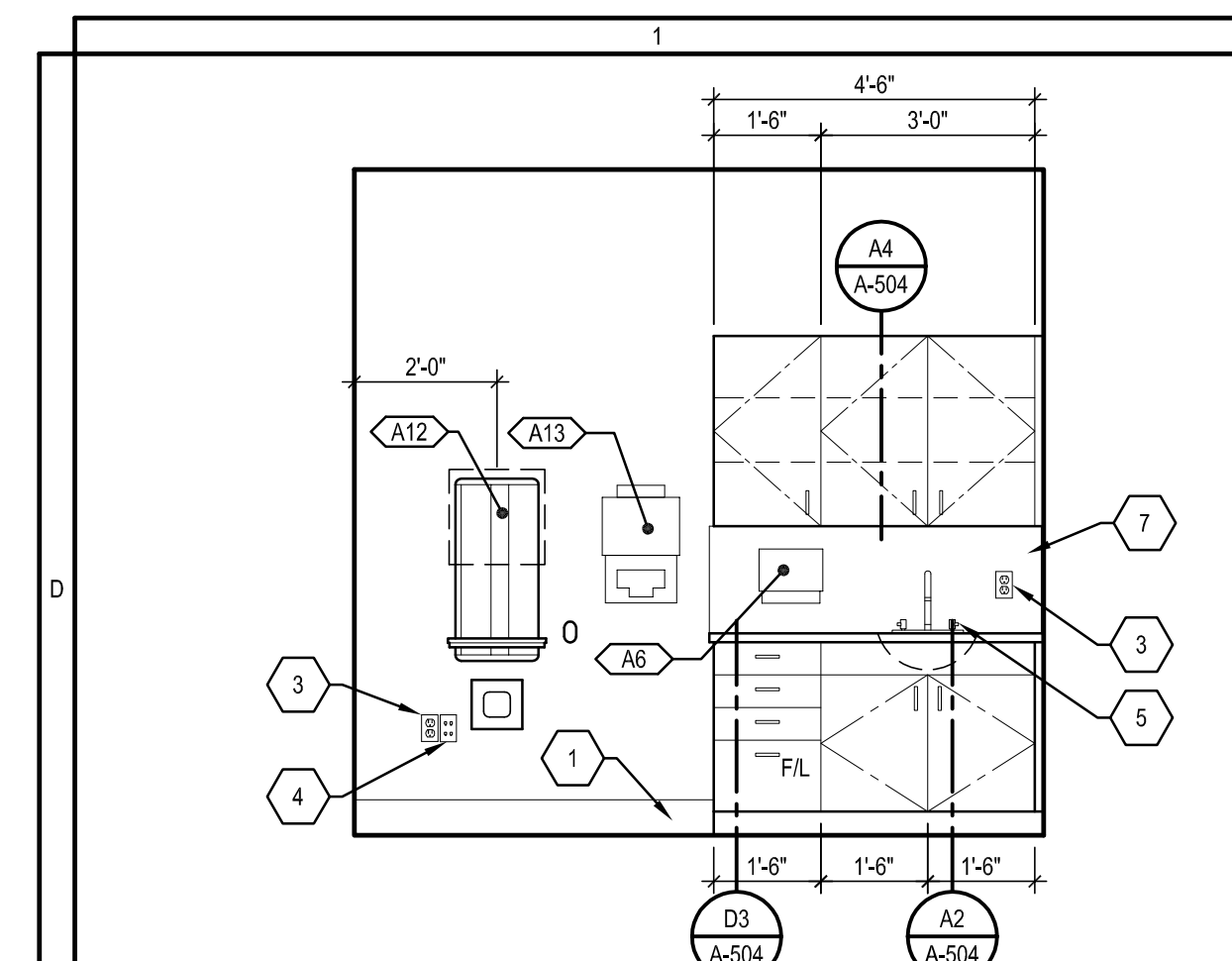
1. WALL BASE AS SCHEDULED.
2. EXISTING ELECTRICAL OUTLET (VERIFY LOCATION).
3. ELECTRICAL OUTLET. SEE ELECTRICAL DRAWINGS.
4. DATA OUTLET. SEE ELECTRICAL DRAWINGS.
5. PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.
6. WINDOW COVERING.
7. 3/4" PARTICLE BOARD WITH PLASTIC LAMINATE ON EXPOSED EDGES.



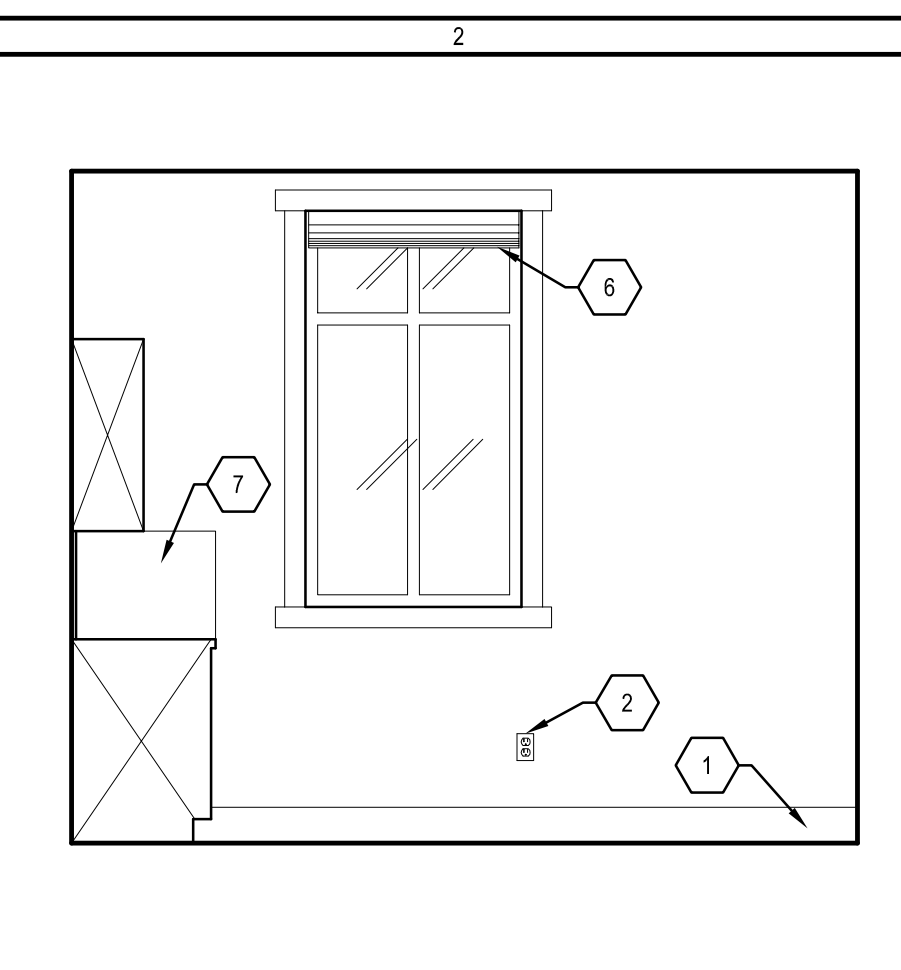
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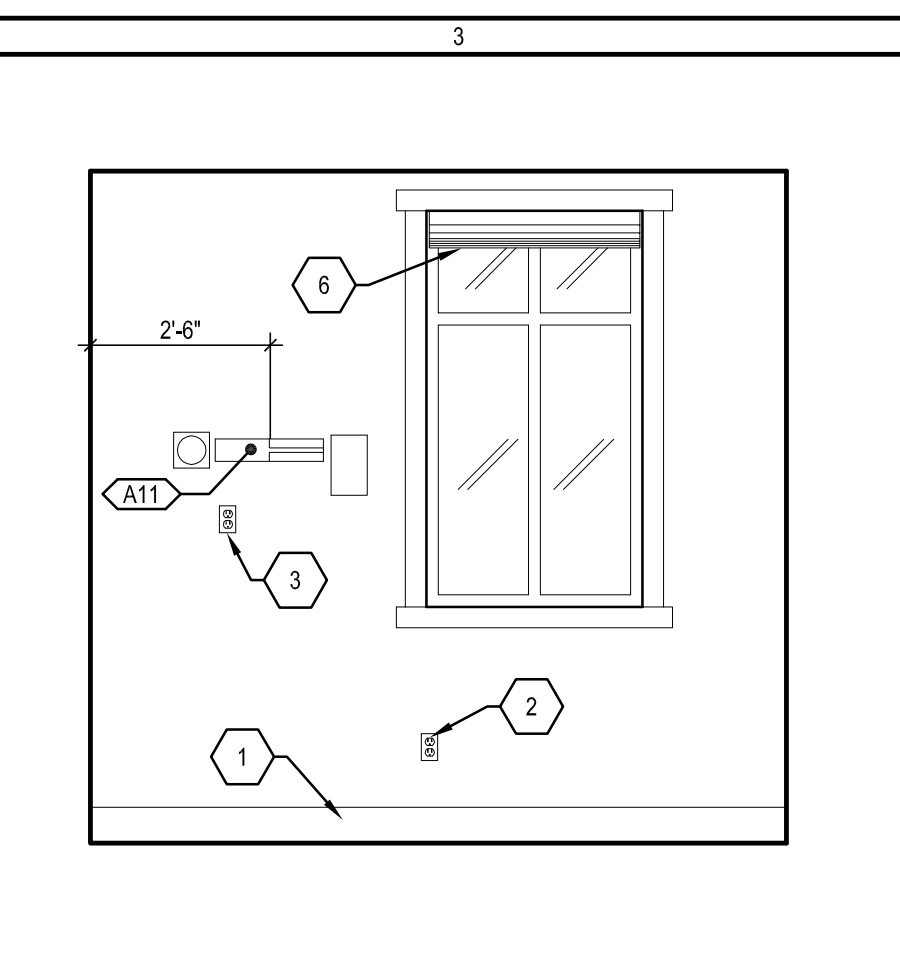
DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET:  
**A-207**  
 INTERIOR  
 ELEVATIONS



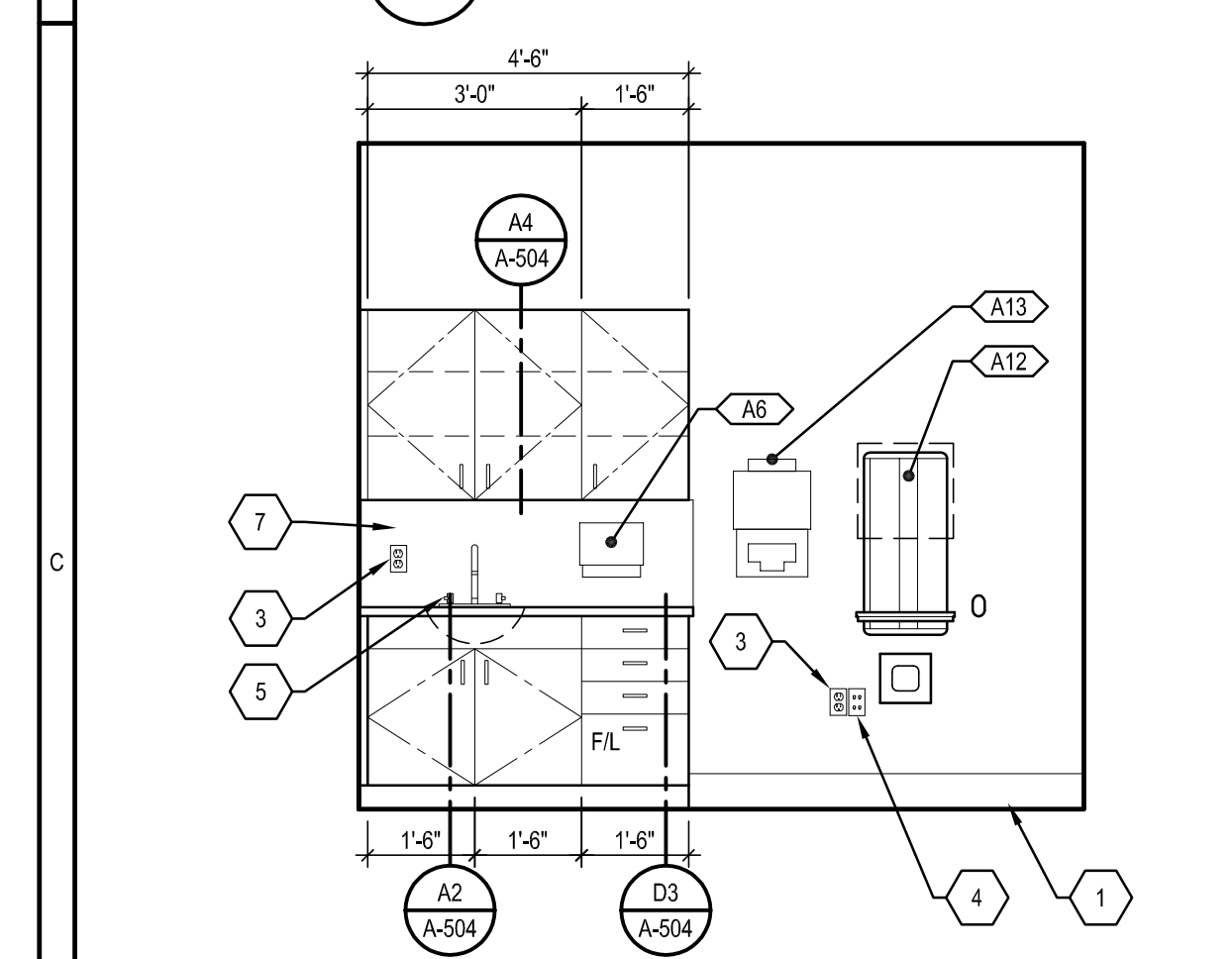
D1 EXAM 110  
SCALE: 3/8" = 1'-0"



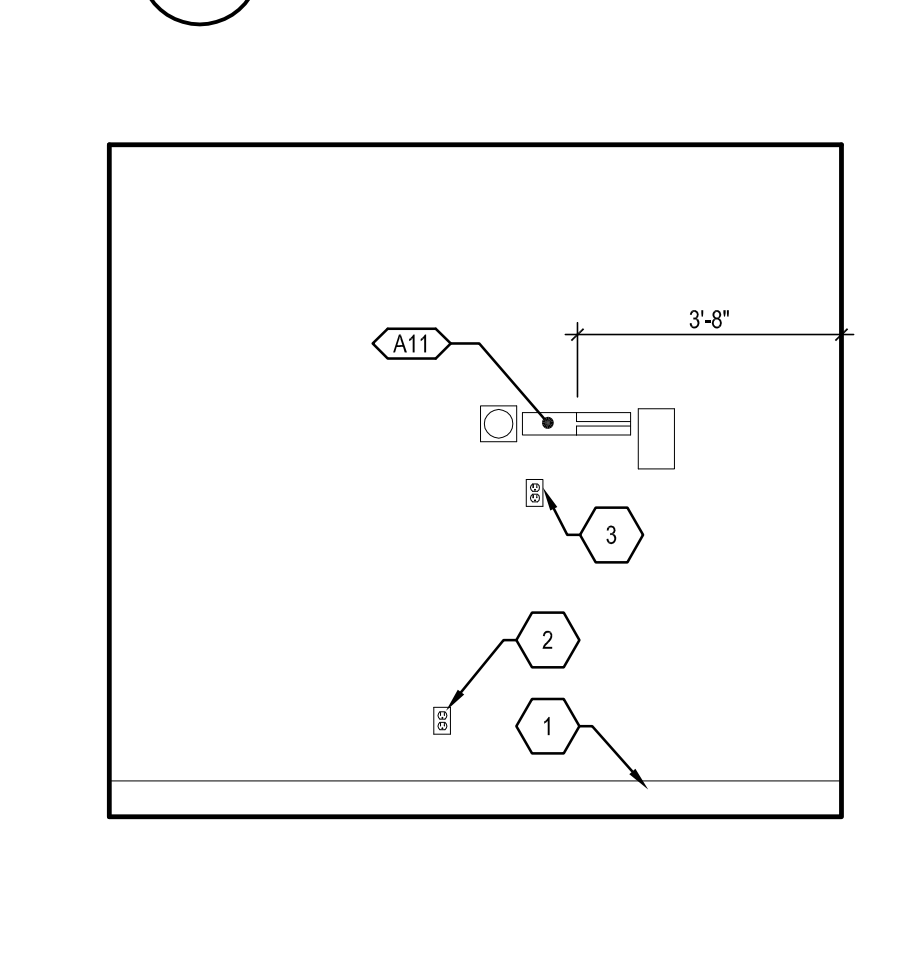
D2 EXAM 110  
SCALE: 3/8" = 1'-0"



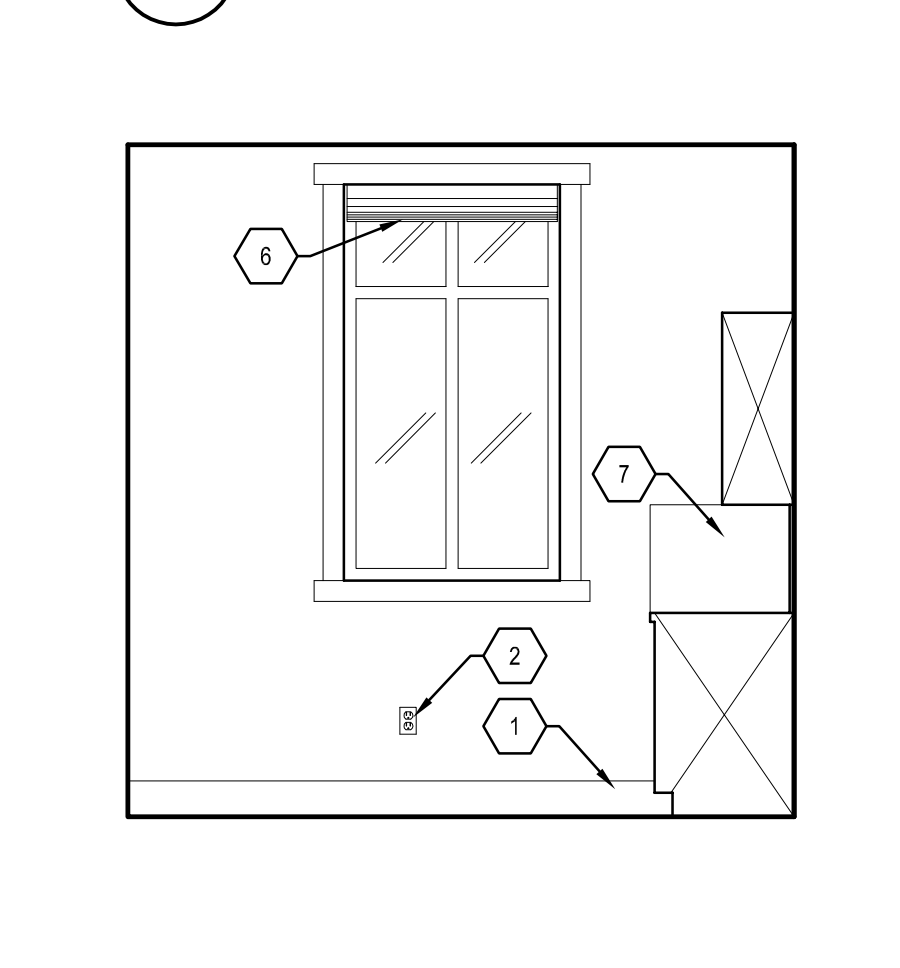
D3 EXAM 110  
SCALE: 3/8" = 1'-0"



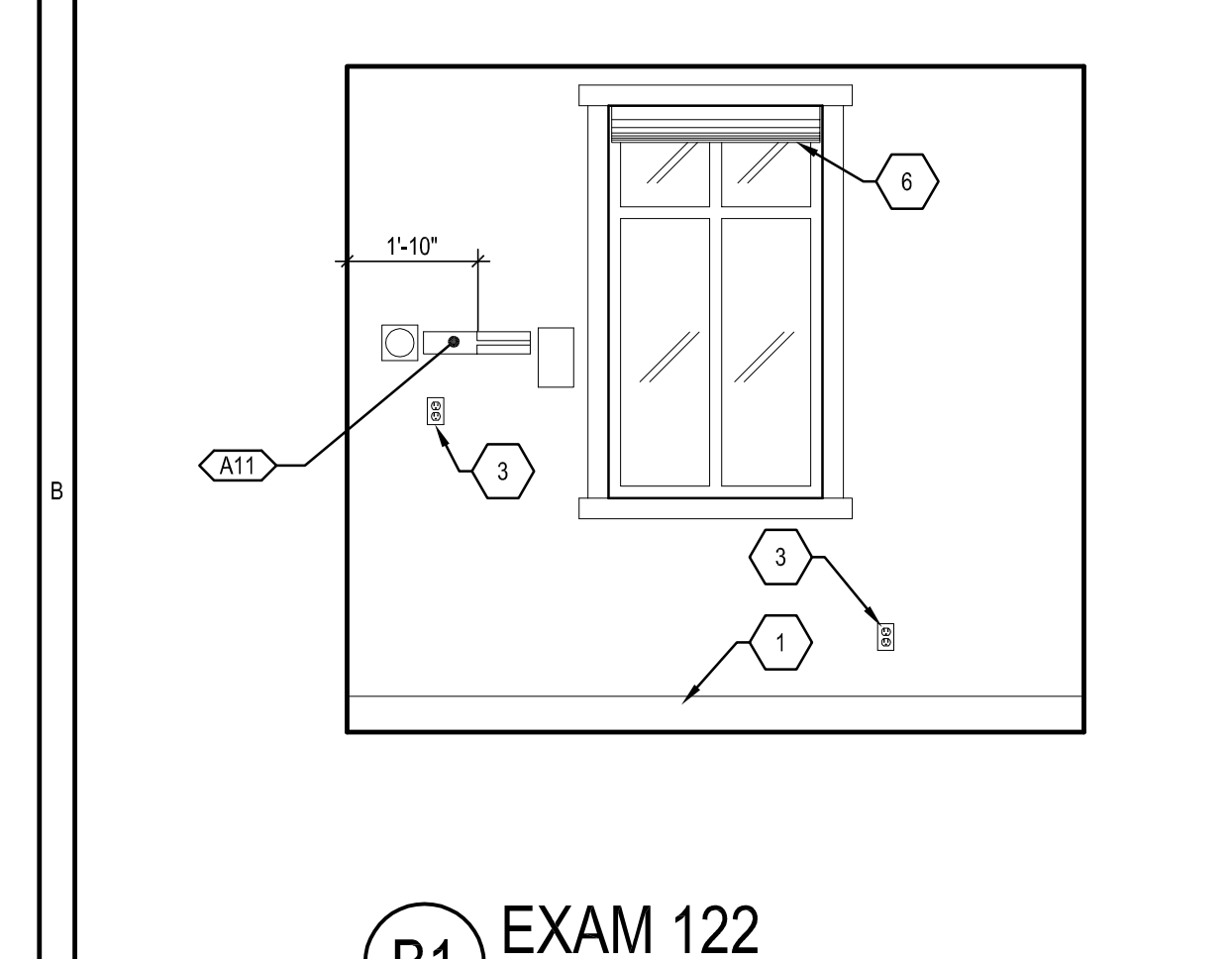
C1 EXAM 112  
SCALE: 3/8" = 1'-0"



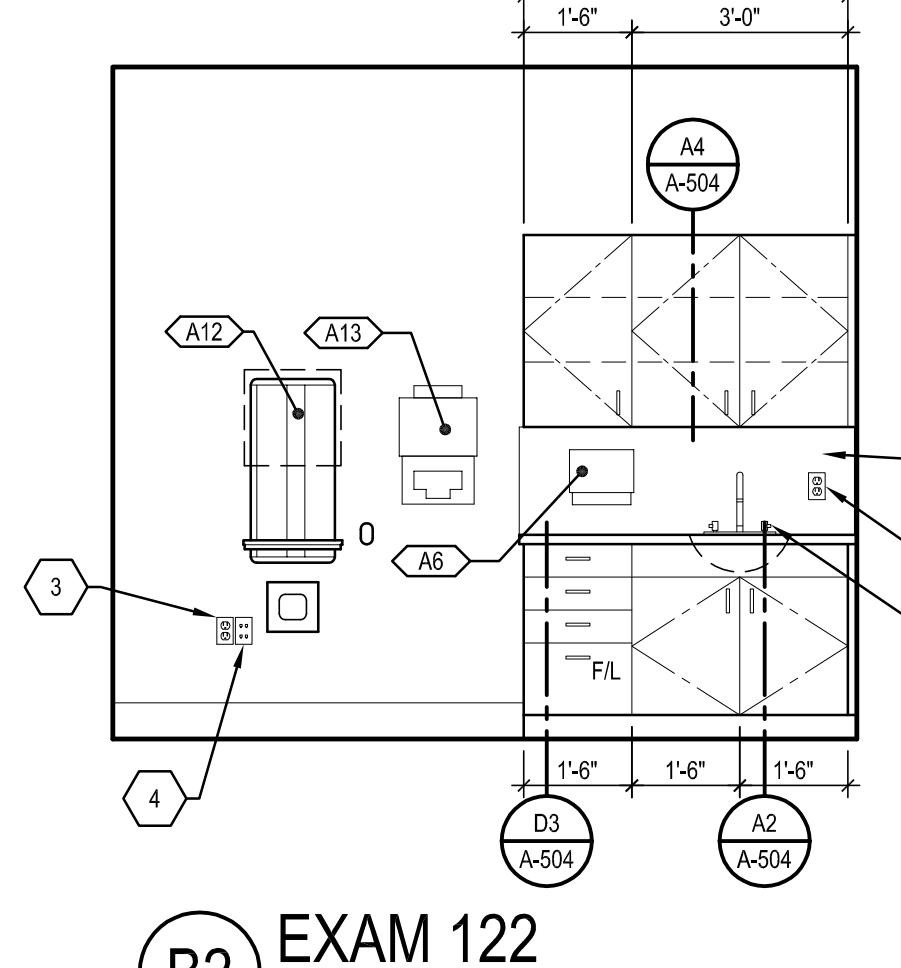
C2 EXAM 112  
SCALE: 3/8" = 1'-0"



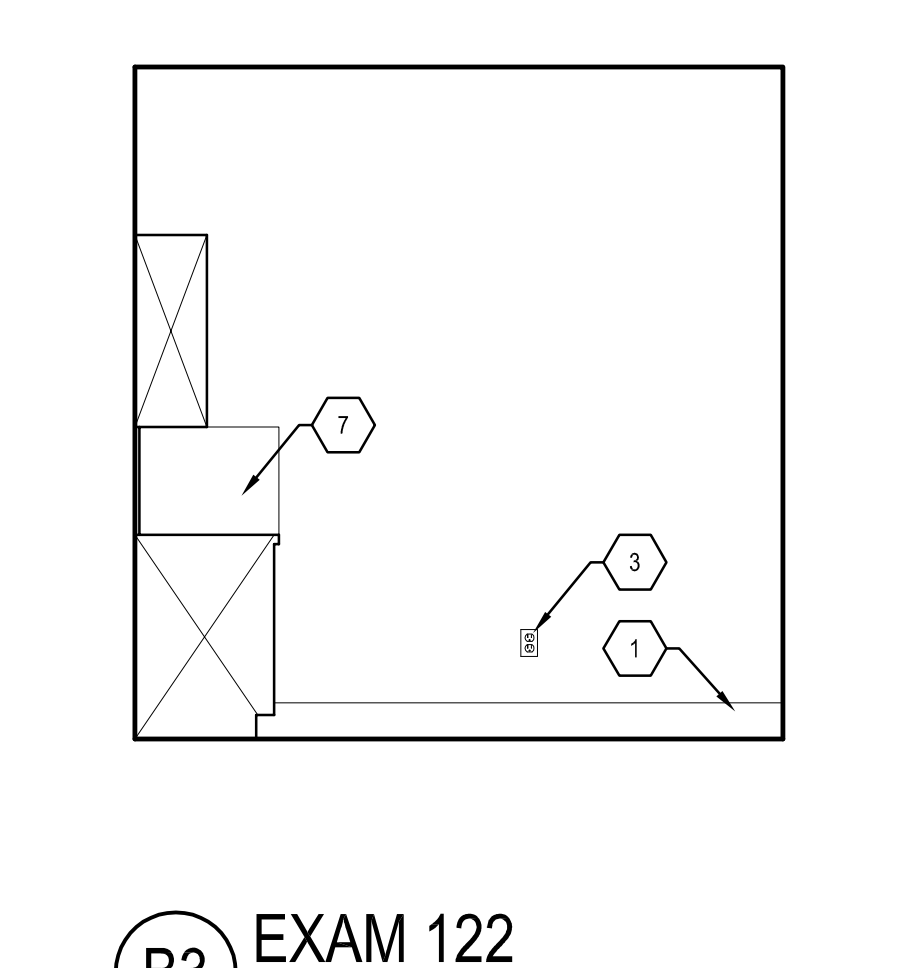
C3 EXAM 112  
SCALE: 3/8" = 1'-0"



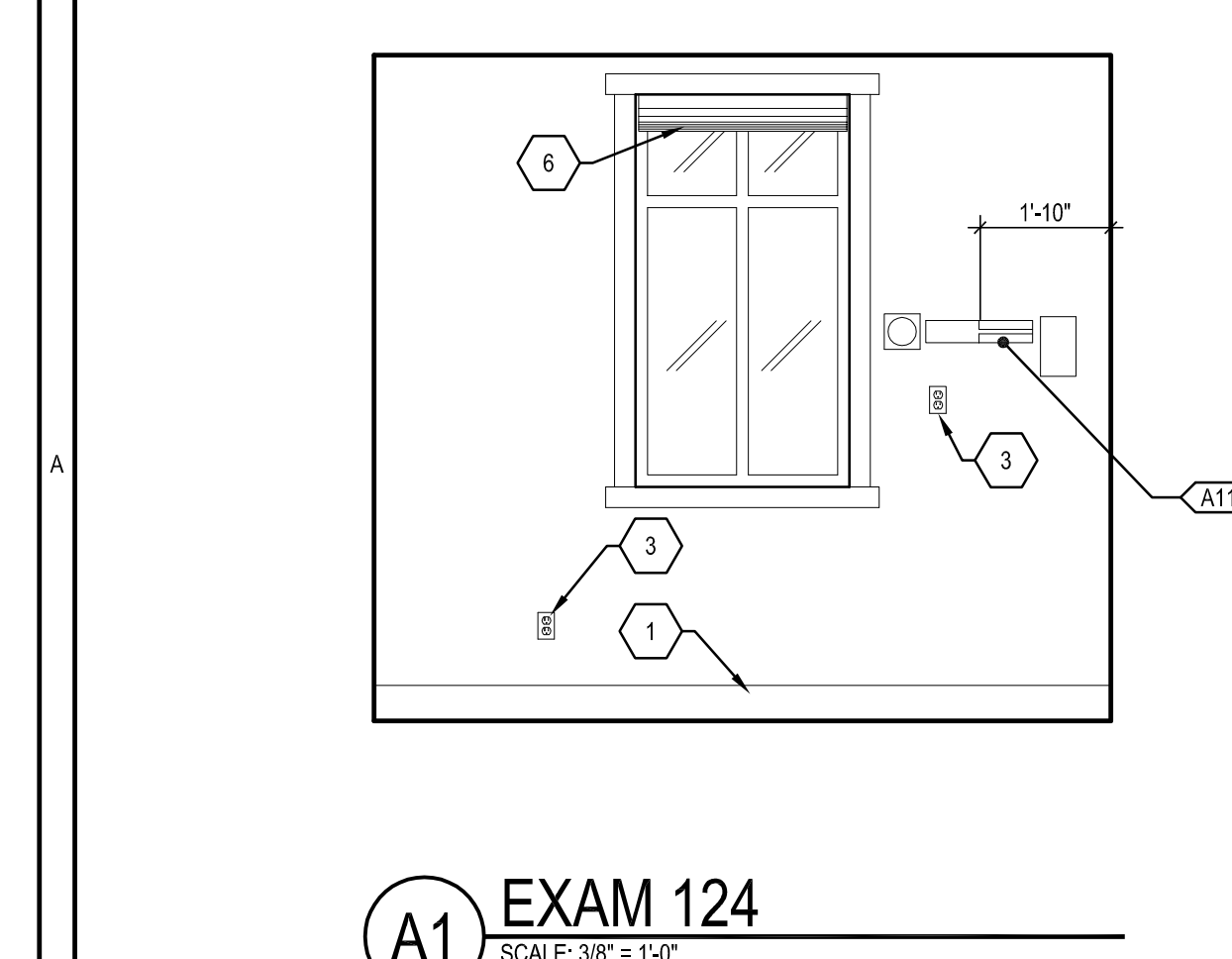
B1 EXAM 122  
SCALE: 3/8" = 1'-0"



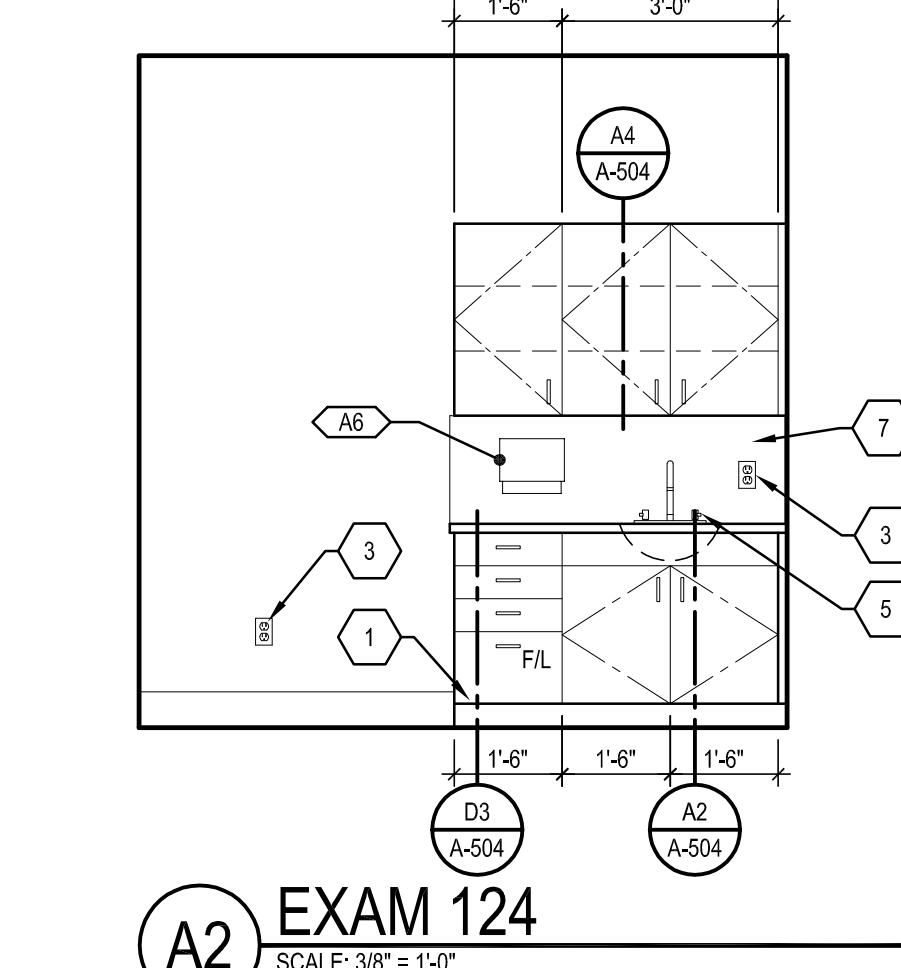
B2 EXAM 122  
SCALE: 3/8" = 1'-0"



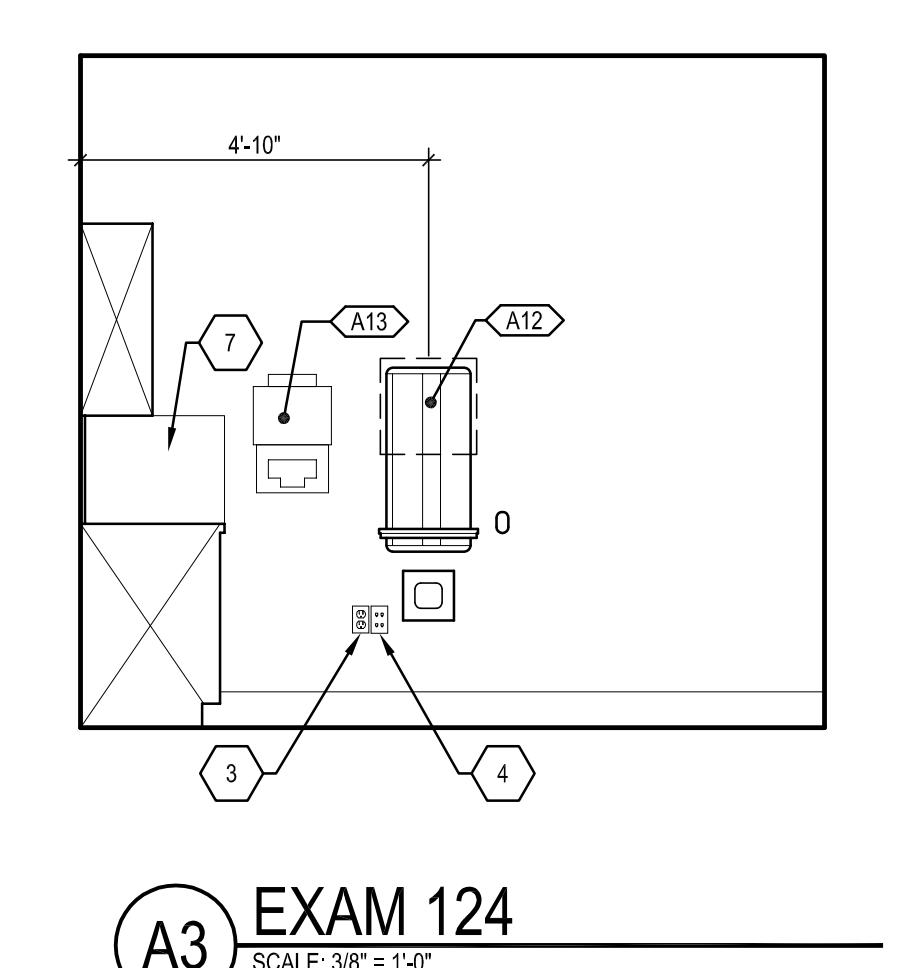
B3 EXAM 122  
SCALE: 3/8" = 1'-0"



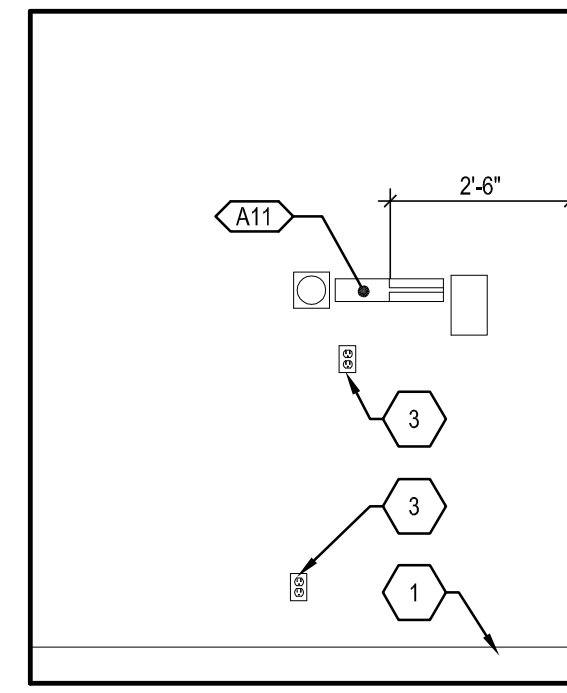
A1 EXAM 124  
SCALE: 3/8" = 1'-0"



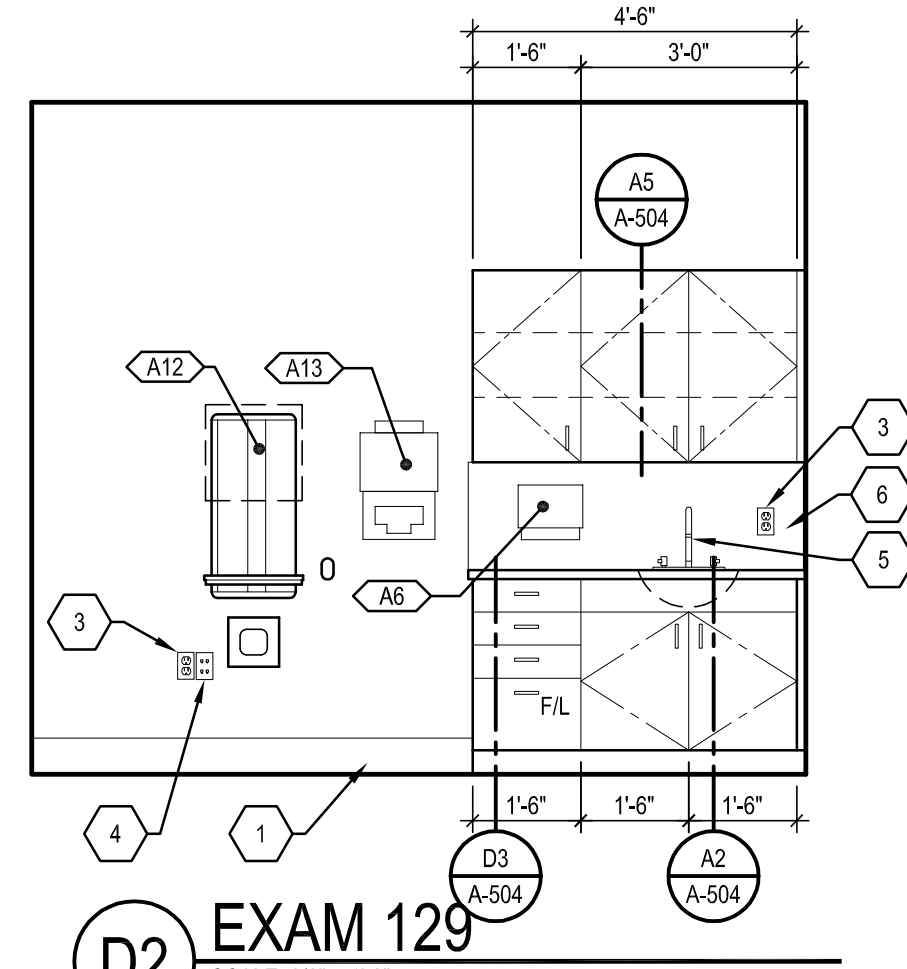
A2 EXAM 124  
SCALE: 3/8" = 1'-0"



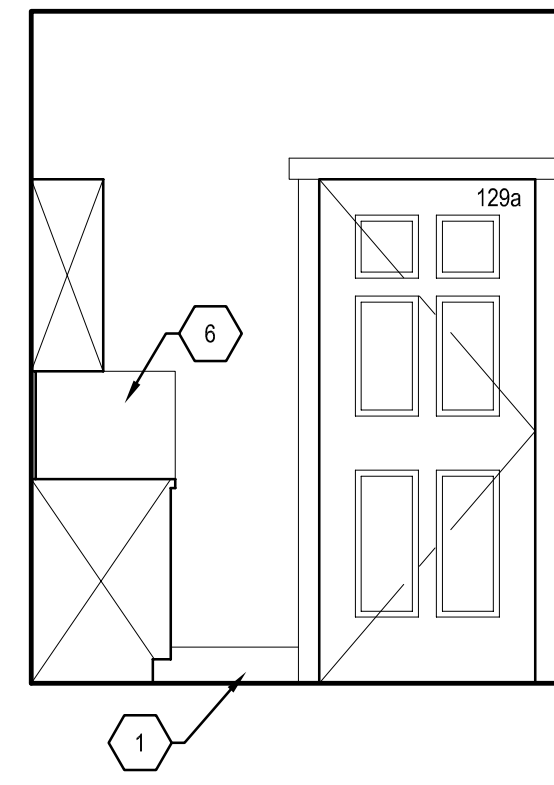
A3 EXAM 124  
SCALE: 3/8" = 1'-0"



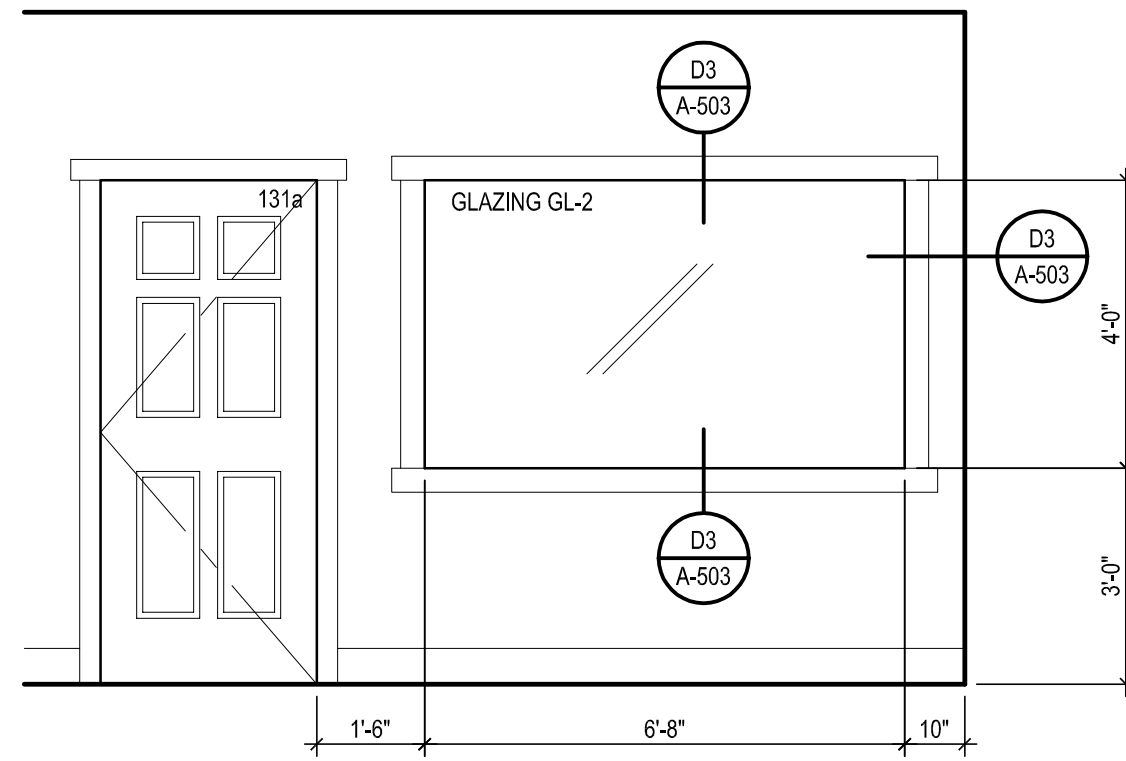
**D1 EXAM 129**  
SCALE: 3/8" = 1'-0"



**D2 EXAM 129**  
SCALE: 3/8" = 1'-0"



**D3 EXAM 129**  
SCALE: 3/8" = 1'-0"



**C1 RECEPTION 101**  
SCALE: 3/8" = 1'-0"

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**SHEET KEYNOTES**

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3. ELECTRICAL OUTLET. SEE ELECTRICAL DRAWINGS.
4. DATA OUTLET. SEE ELECTRICAL DRAWINGS.
5. PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.
6. 3/4" PARTICLE BOARD WITH PLASTIC LAMINATE ON EXPOSED EDGES.

REVISIONS

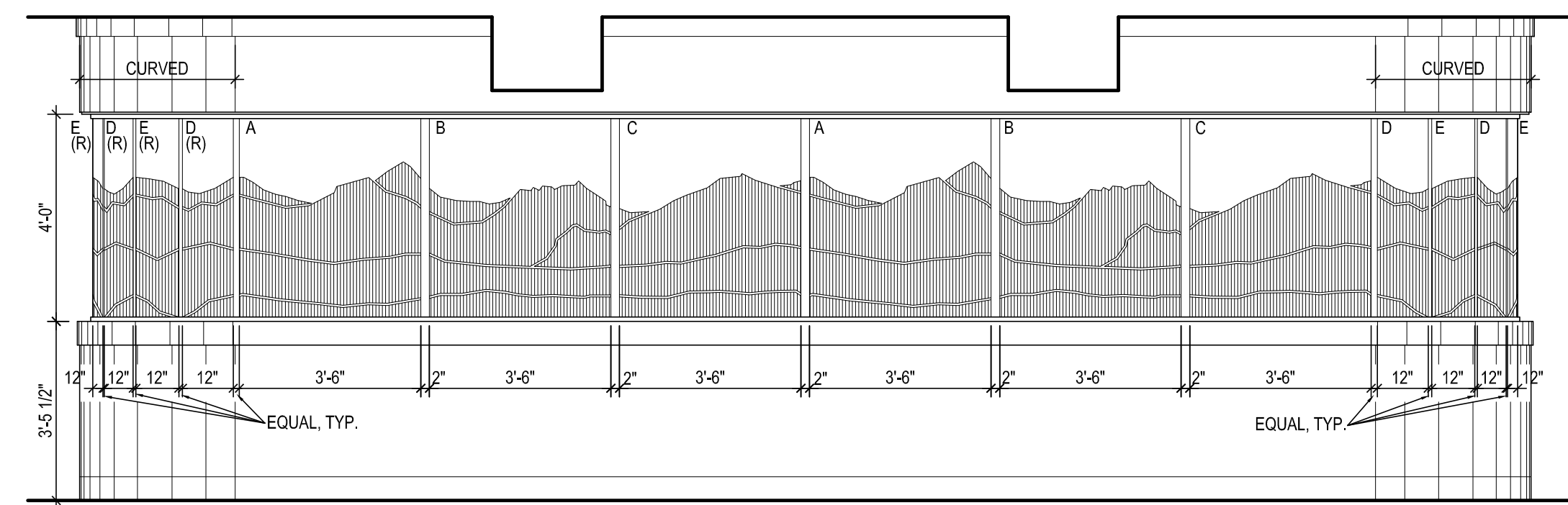
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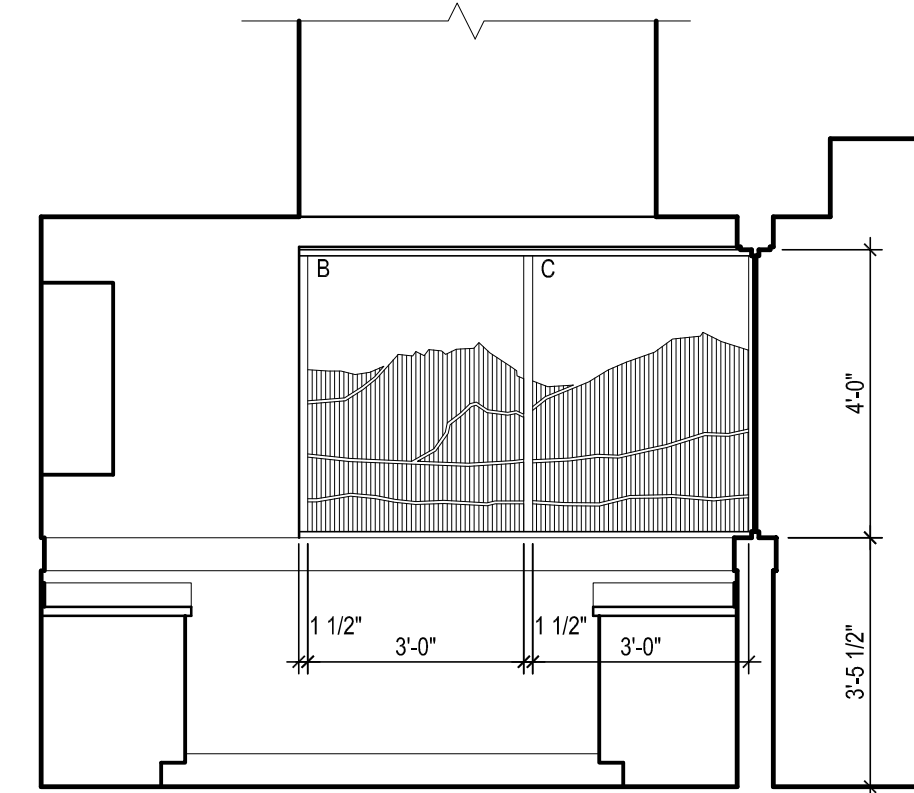
DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET:  
**A-208**  
 INTERIOR  
 ELEVATIONS

### GENERAL SHEET NOTES

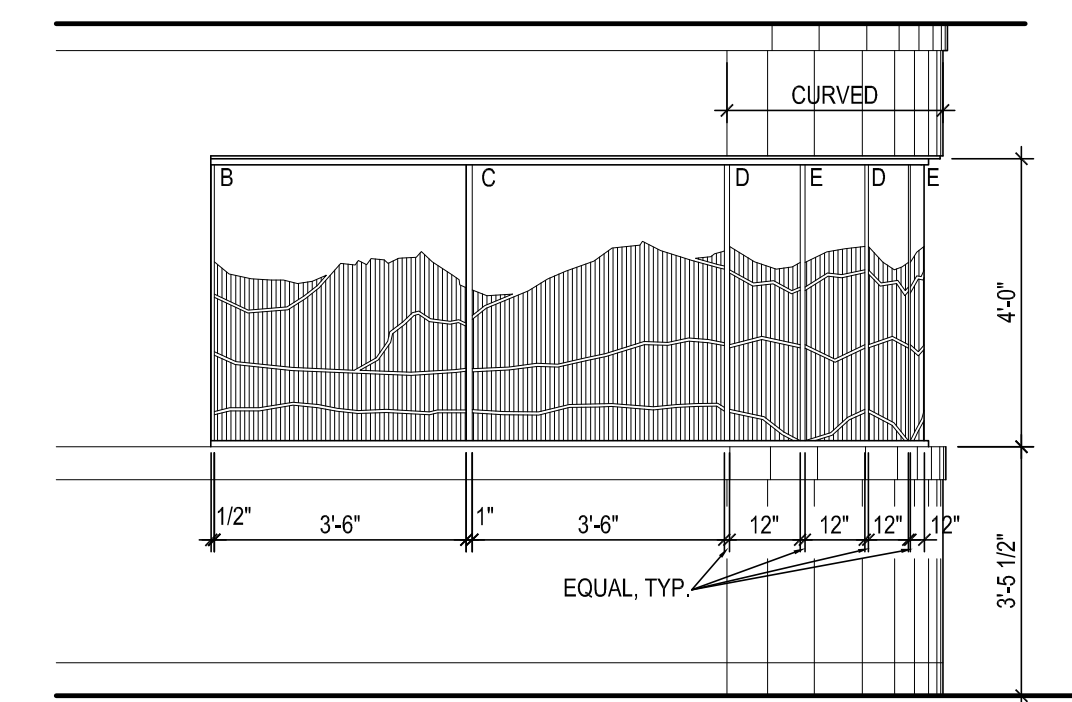
- A. ALL GLASS TO BE ULTRACLEAR TEMPERED 3/8" GLASS (GL-3) WITH SIZES AS SHOWN ON ELEVATIONS. PROVIDED BY THE CONTRACTOR TO THE ART STUDIO FOR FINISHING. ART STUDIO BID DOES NOT INCLUDE GLASS COST OR INSTALLATION.
- B. ART STUDIO TO PROVIDE TAGS ON EACH PANEL TO CORRESPOND TO PROVIDED SHOP DRAWINGS FOR CONTRACTORS INSTALLATION.
- C. ART STUDIO: SUE A. COOK DESIGN, sue@sueacookdesign.com or todd@sueacookdesign.com, BOISE, IDAHO 208-344-5809



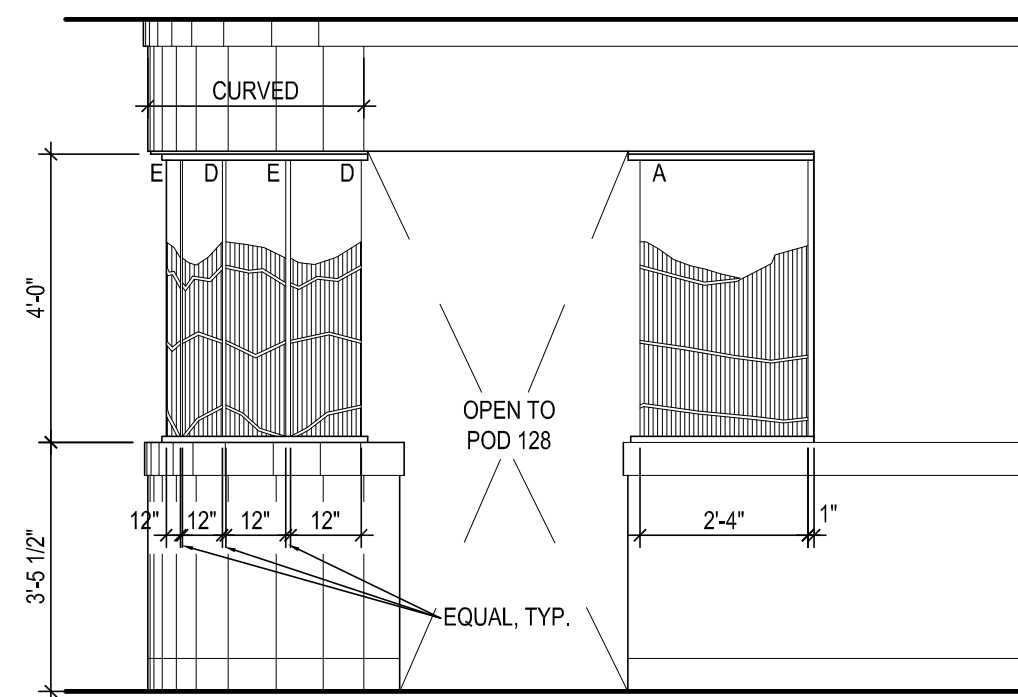
**D1** EXTERIOR MEDICAL PODS 111/113  
SCALE: 3/8" = 1'-0"



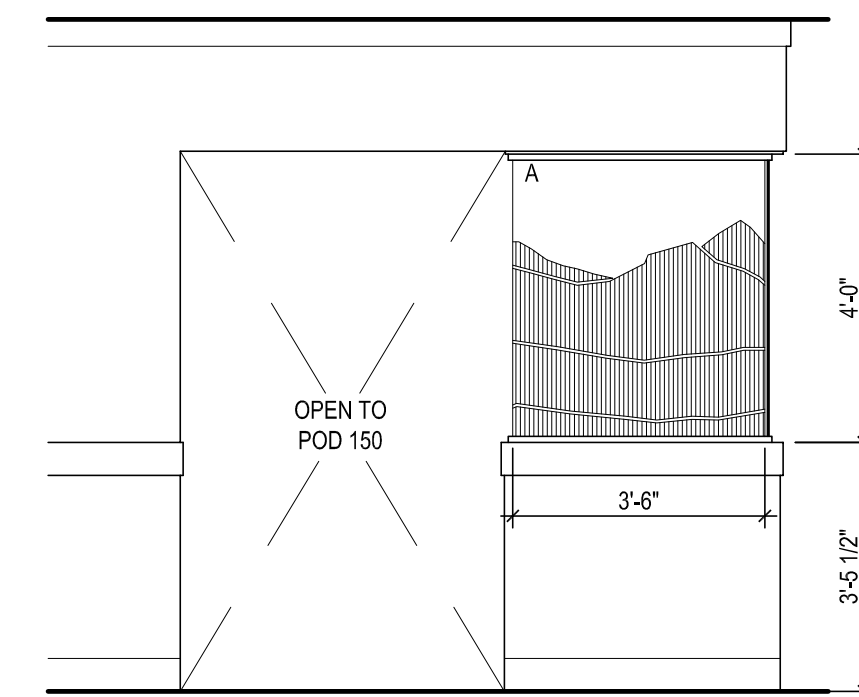
**D3** DIVIDER MEDICAL PODS 111/113  
SCALE: 3/8" = 1'-0"



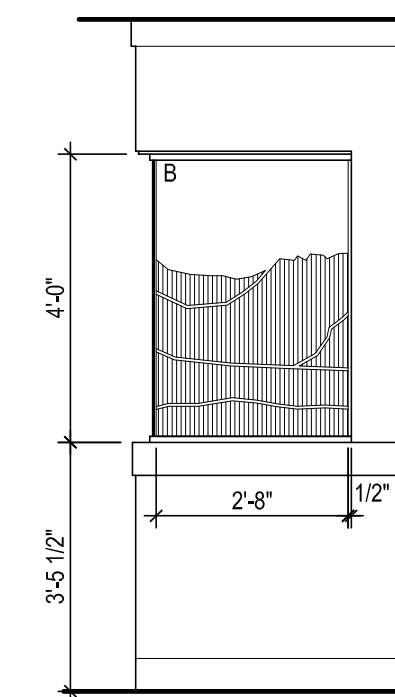
**D4** EXTERIOR MEDICAL POD 128  
SCALE: 3/8" = 1'-0"



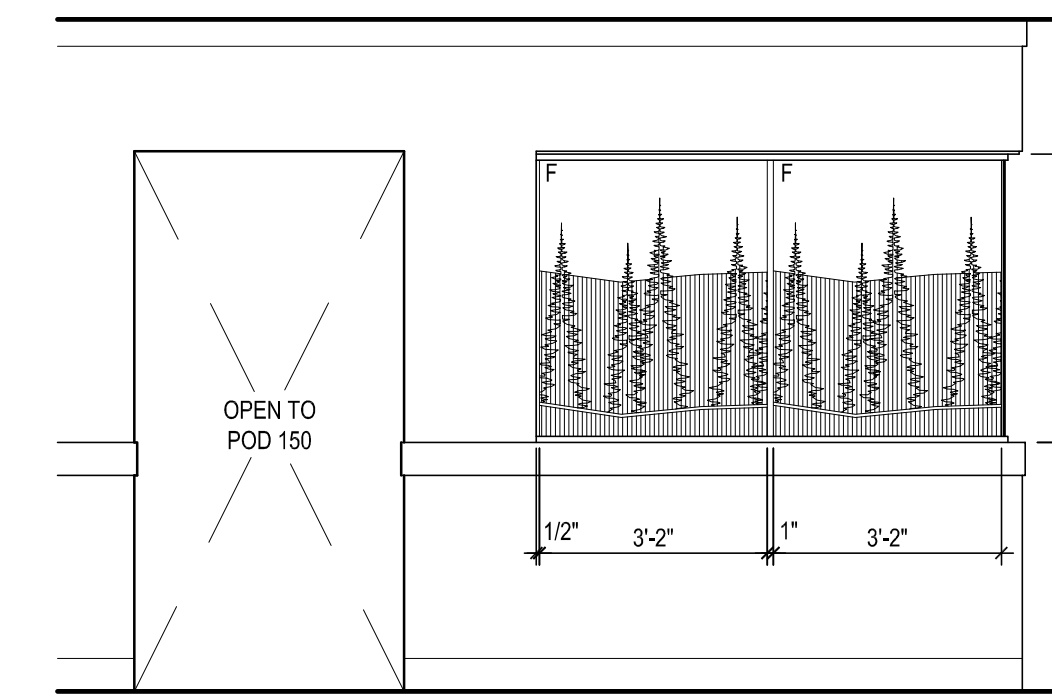
**C1** EXTERIOR MEDICAL POD 128  
SCALE: 3/8" = 1'-0"



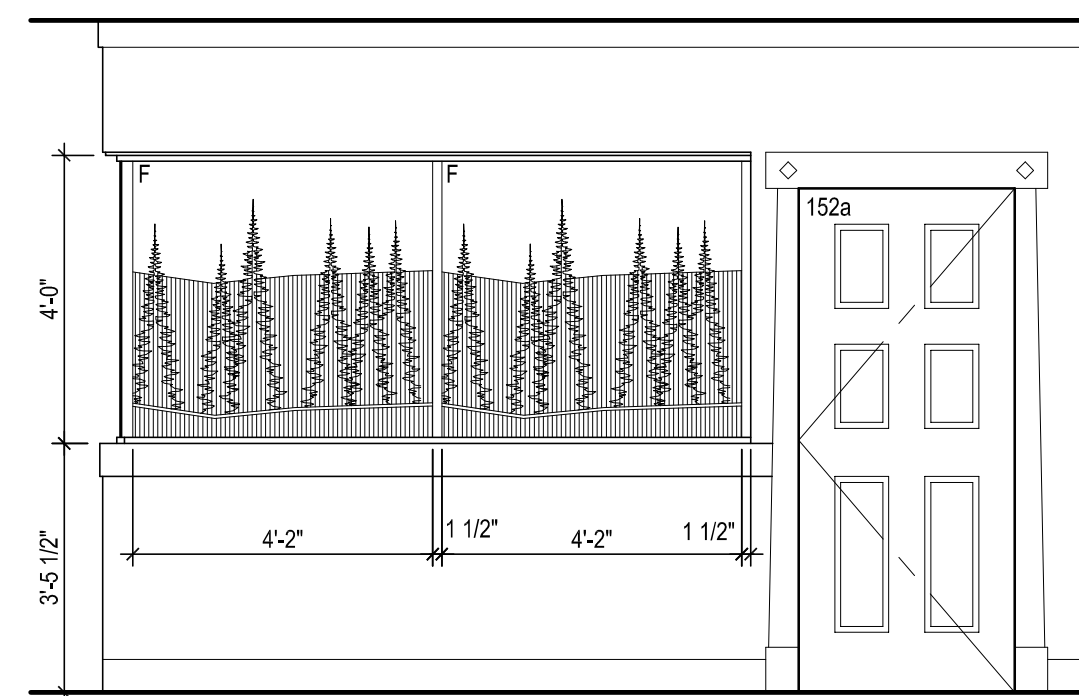
**C2** EXTERIOR MEDICAL POD 140  
SCALE: 3/8" = 1'-0"



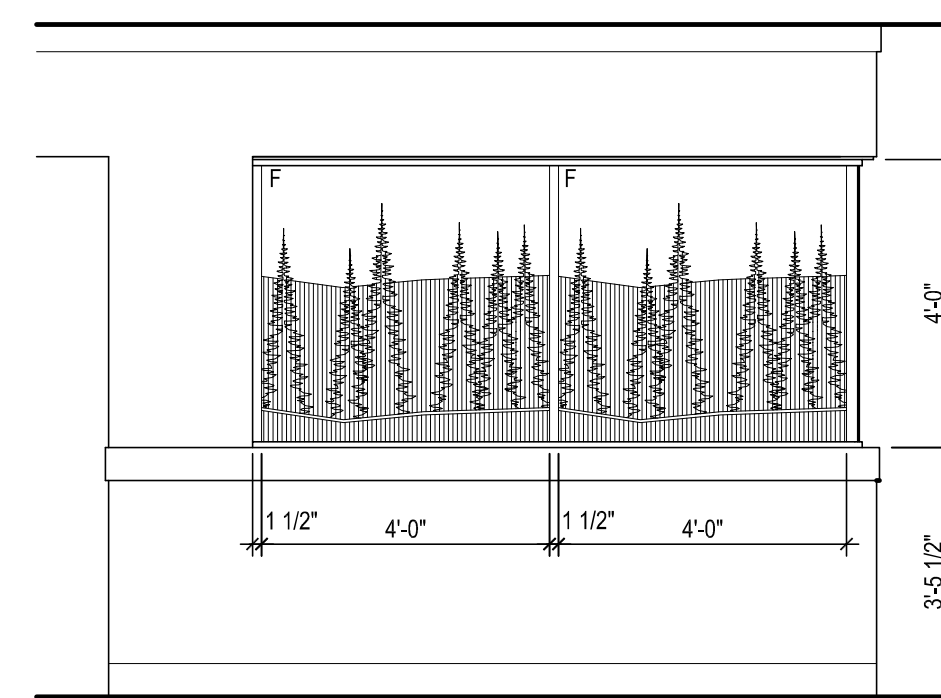
**C3** EXTERIOR MEDICAL POD 140  
SCALE: 3/8" = 1'-0"



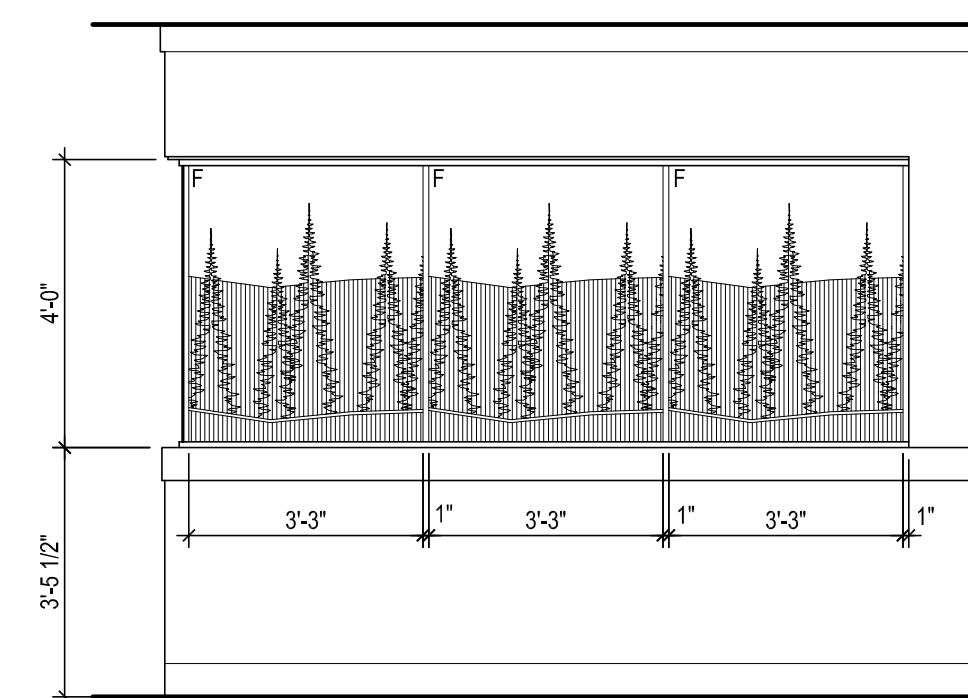
**C4** EXTERIOR DENTAL POD 150  
SCALE: 3/8" = 1'-0"



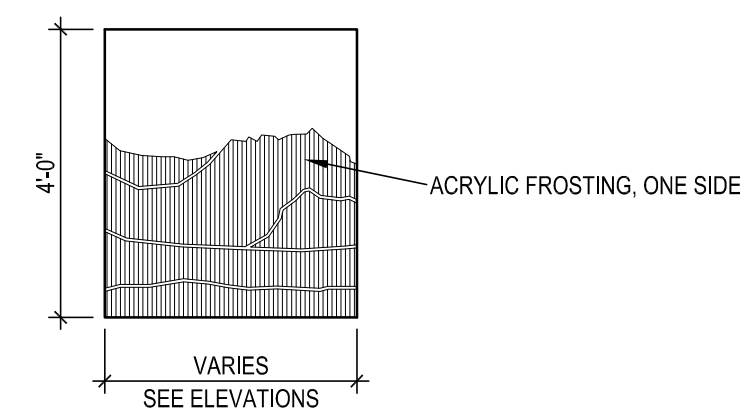
**B1** EXTERIOR DENTAL POD 150  
SCALE: 3/8" = 1'-0"



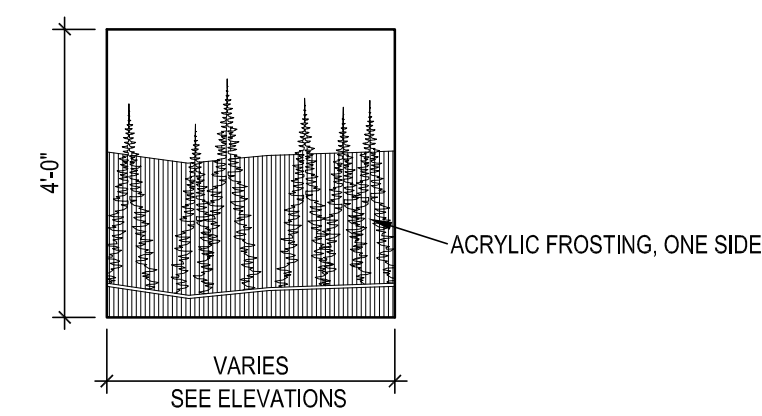
**B2** EXTERIOR DENTAL POD 154  
SCALE: 3/8" = 1'-0"



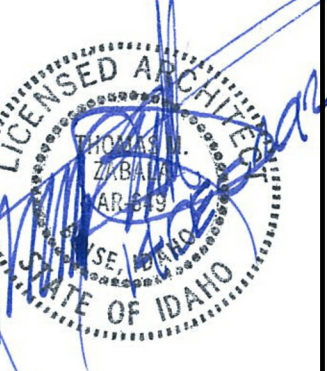
**B3** EXTERIOR DENTAL POD 154  
SCALE: 3/8" = 1'-0"



**A1** PANEL DESIGN A-E  
SCALE: 3/8" = 1'-0"



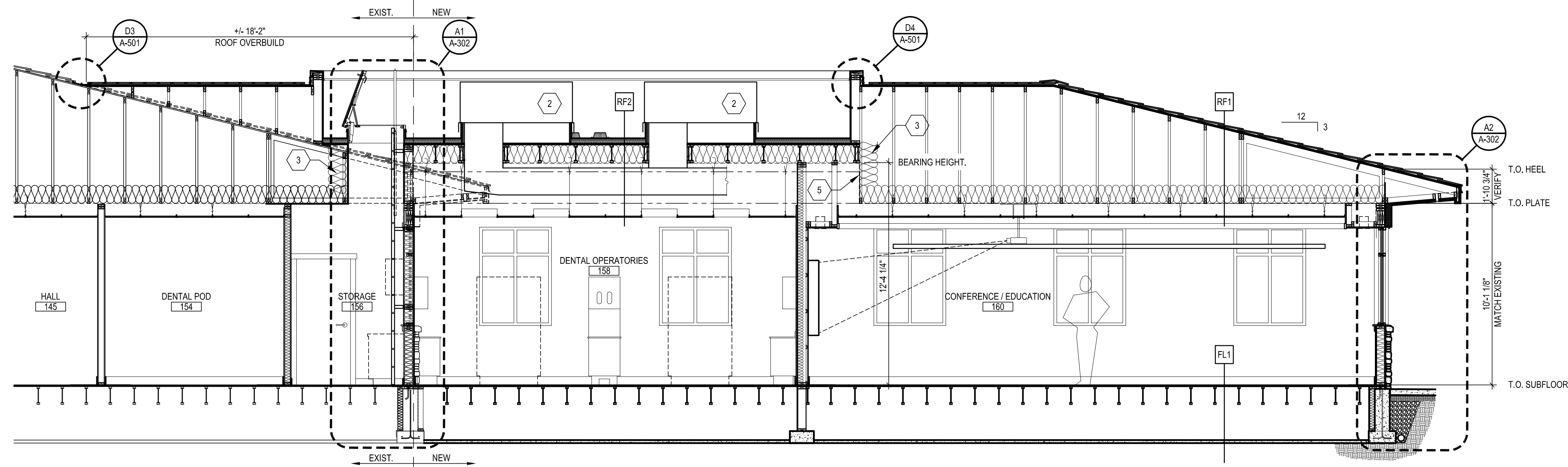
**A2** PANEL DESIGN F  
SCALE: 3/8" = 1'-0"



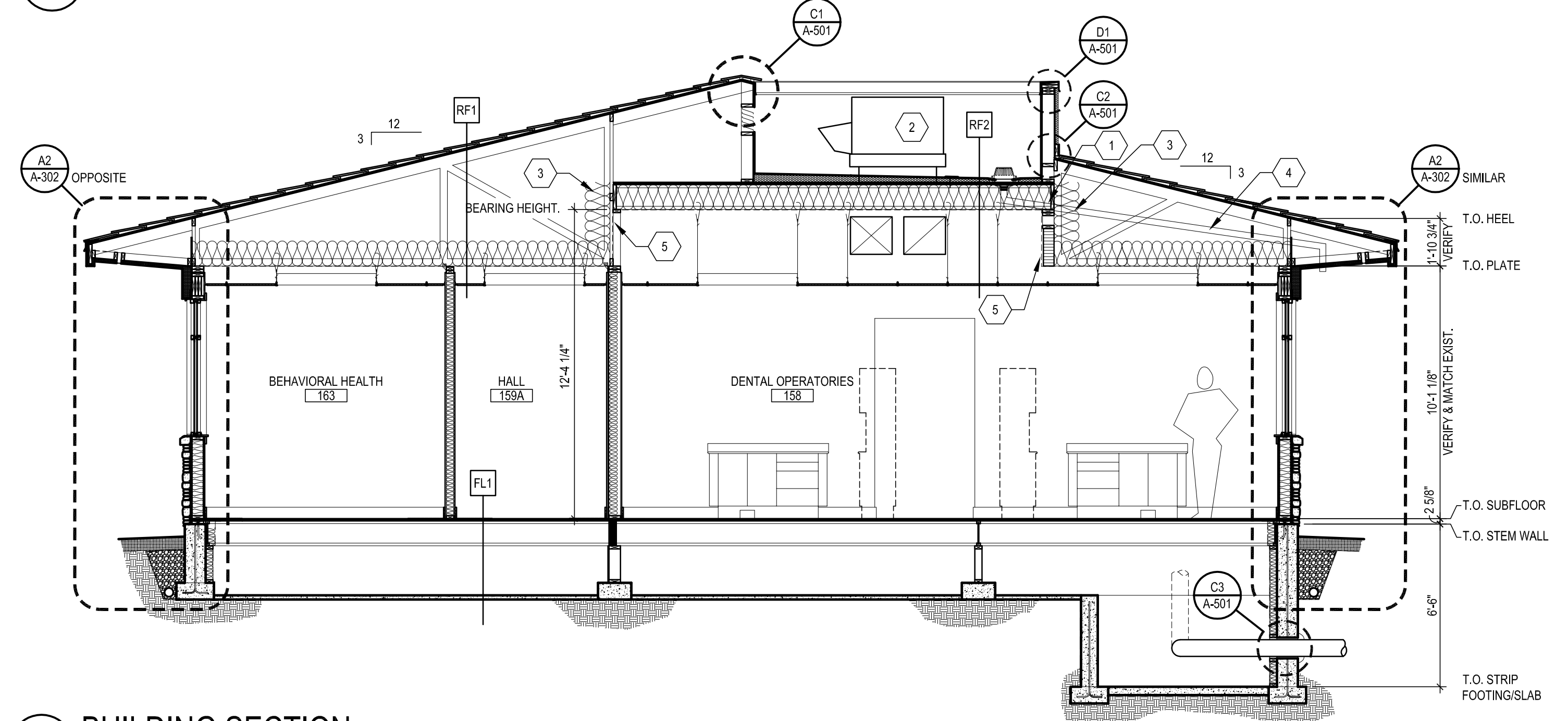
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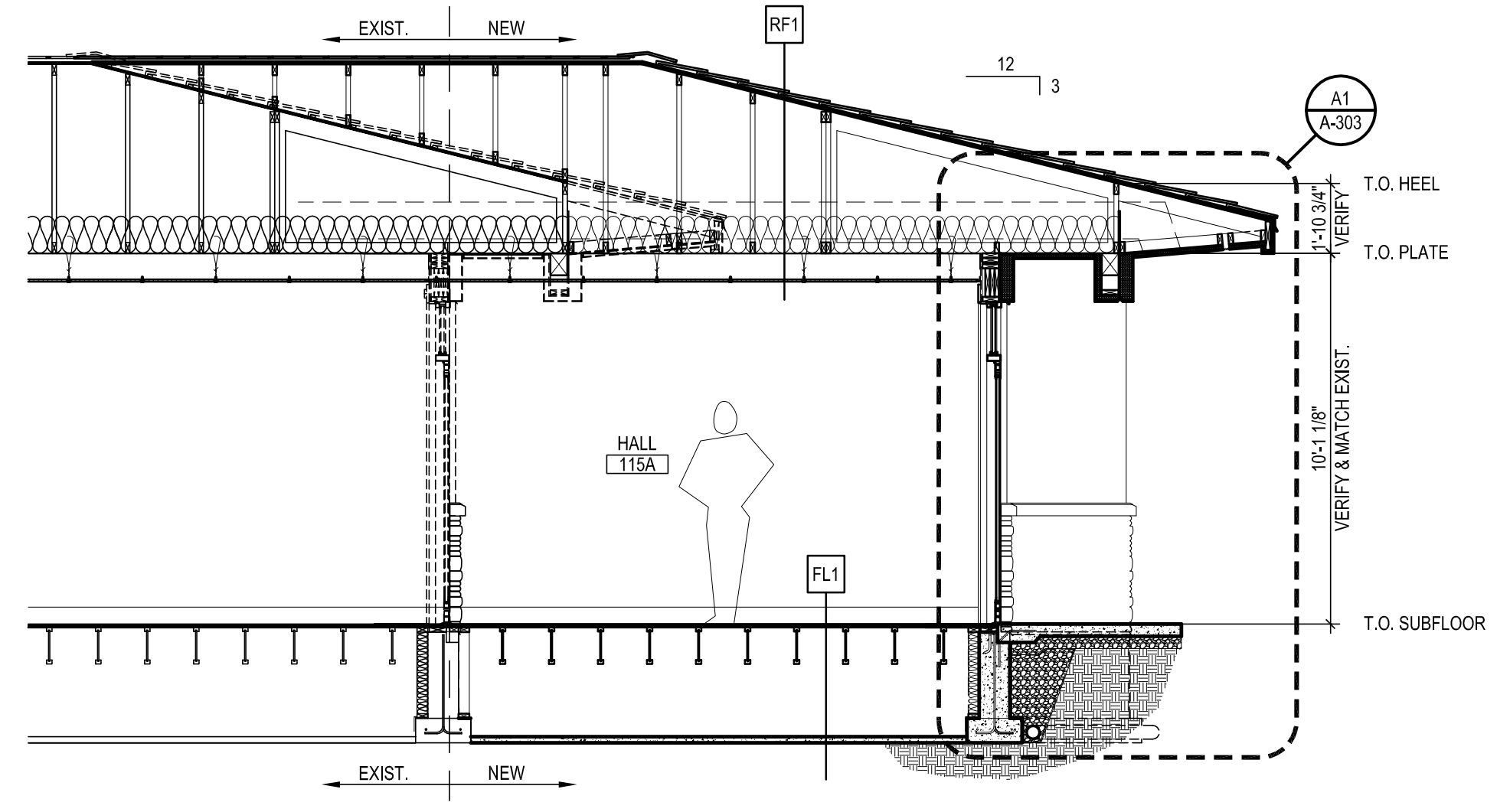
DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET:  
**A-209**  
 ART GLASS  
 ELEVATIONS



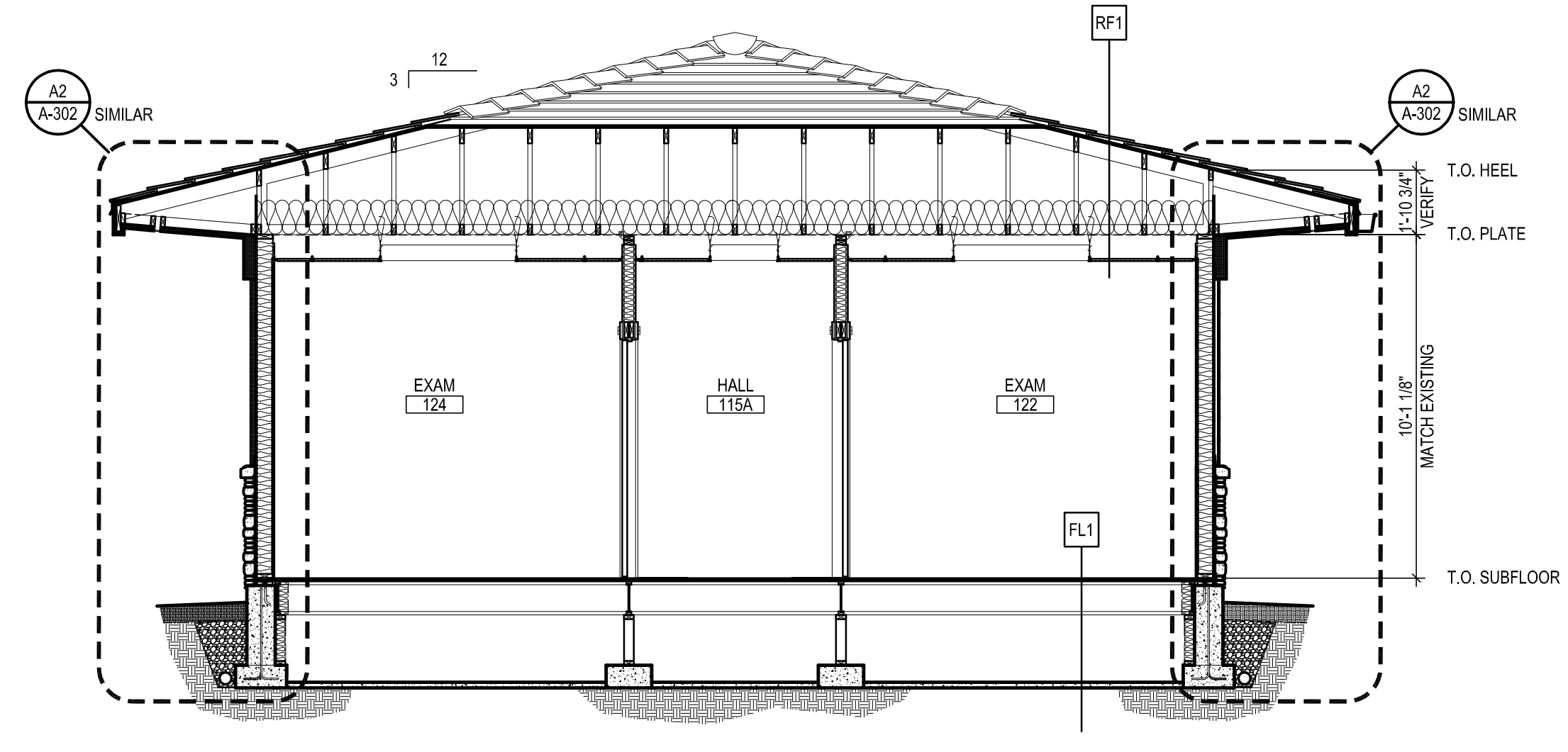
**C1 BUILDING SECTION**  
SCALE 1/4" = 1'-0"



**B1 BUILDING SECTION**  
SCALE 1/4" = 1'-0"



**A1 BUILDING SECTION**  
SCALE 1/4" = 1'-0"



**A2 BUILDING SECTION**  
SCALE 1/4" = 1'-0"

**GENERAL SHEET NOTES**

A. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

**SHEET KEYNOTES**

1. COORDINATE DRAIN LINES WITH STRUCTURE IN THIS AREA.
2. HVAC EQUIPMENT, SEE MECHANICAL DRAWINGS, MAINTAIN MINIMUM REQUIRED DISTANCES FROM PARAPETS.
3. WIRE OR TAPE R-38 GLASS FIBER BATT INSULATION INTO PLACE.
4. ROOF OVERFLOW DRAIN, EXTEND MINIMUM 1" BELOW EAVE, SEAL AROUND OPENING.
5. VAPOR RETARDER, SEAL OR TAPE TO PROVIDE CONTINUOUS PROTECTION.

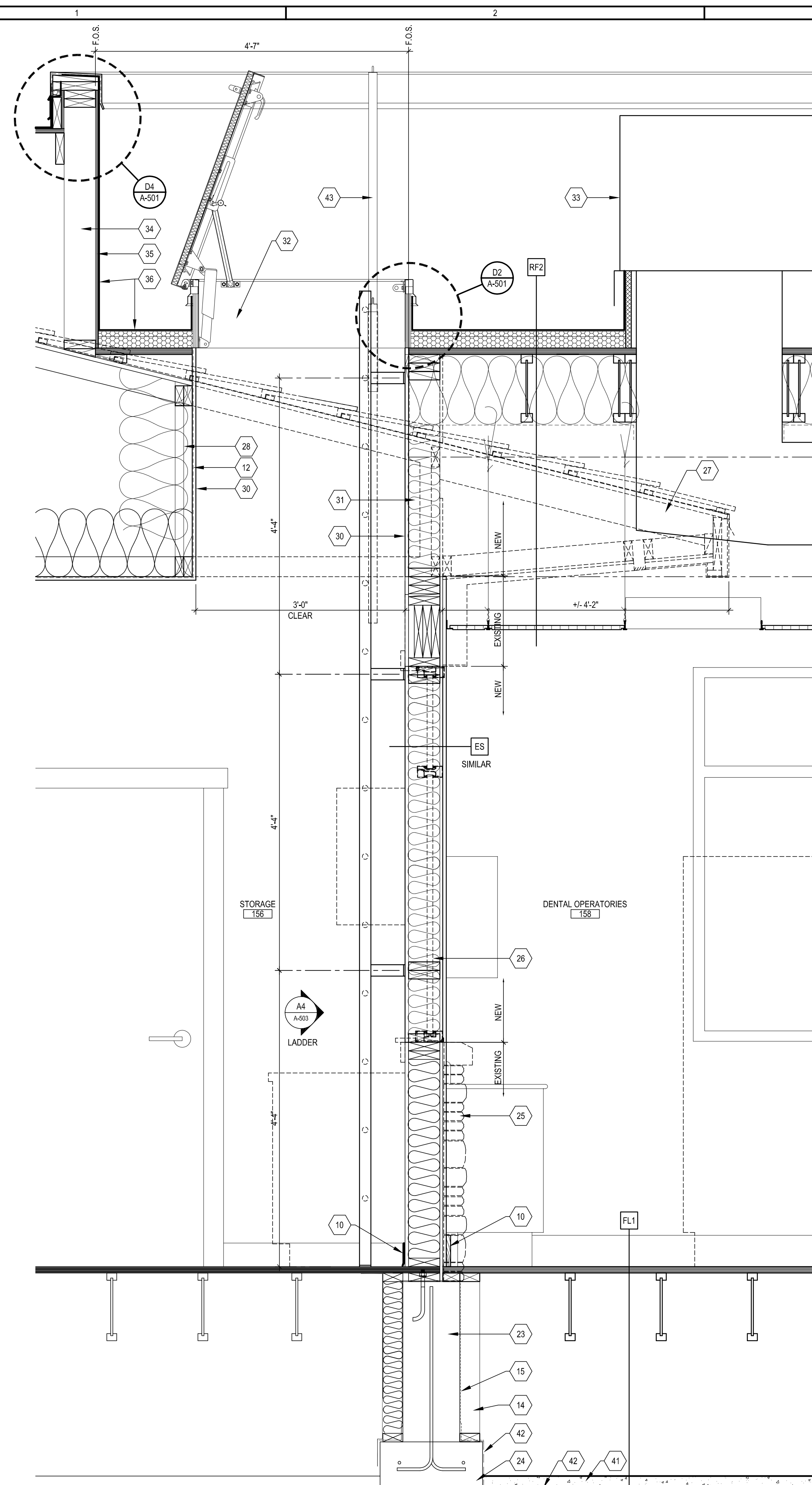
REVISIONS

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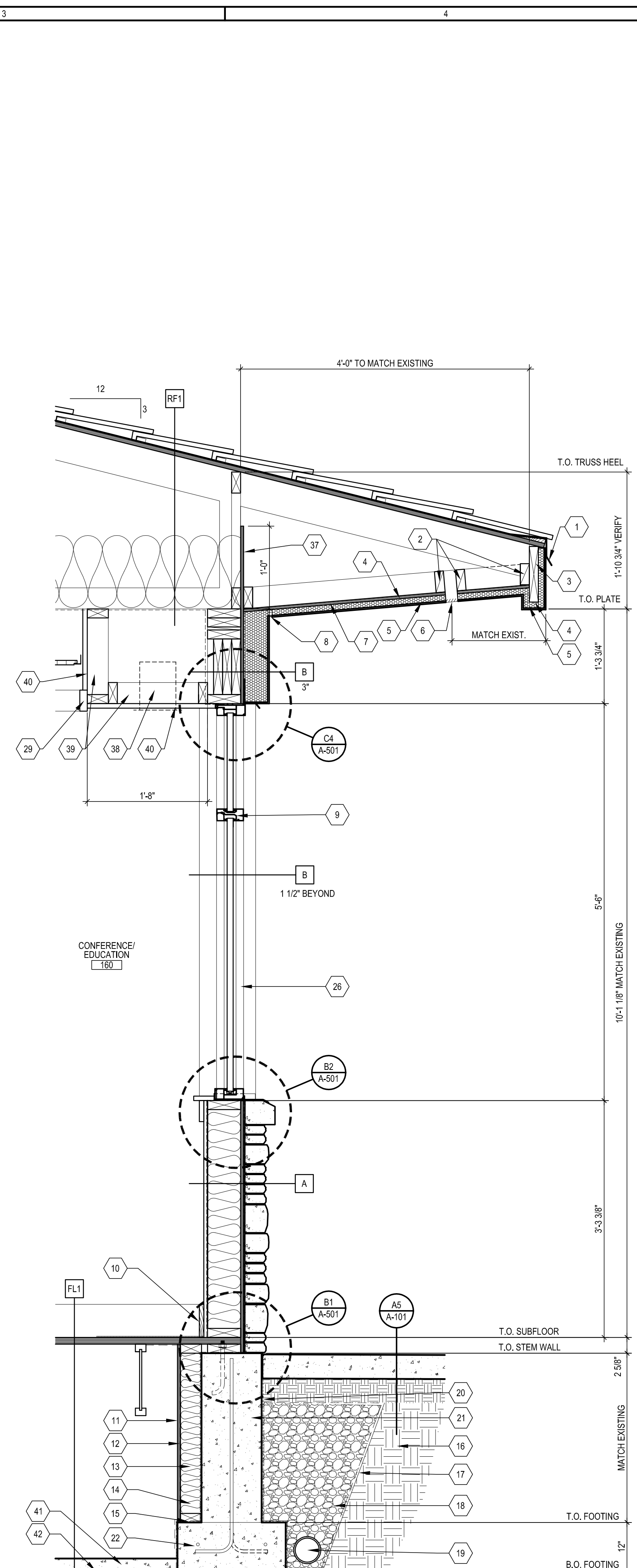
**DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO**

DATE: 12/14/2012  
PROJECT NO: 1226.00

SHEET:  
**A-301**  
BUILDING SECTIONS



**A1 WALL SECTION**  
SCALE 1" = 1'-0"

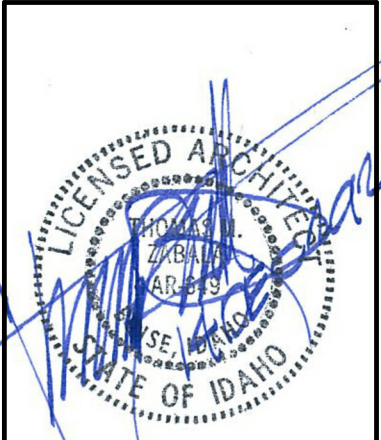


**A2 WALL SECTION (TYP.)**  
SCALE 1" = 1'-0"

**GENERAL SHEET NOTES**

- A. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- SHEET KEYNOTES**
1. SELF-ADHERING MEMBRANE OVER PRE-FINISHED SHEET METAL DRIP EDGE (MATCH PROFILE OF EXISTING) OVER ROOF EDGE WEDGE.
  2. 2 x 4 BLOCKING.
  3. 2 x 10 FASCI.
  4. WEATHER BARRIER.
  5. EIFS SYSTEM WITH 1 1/2" RIGID INSULATION TO MATCH EXISTING (VERIFY).
  6. 2" CONTINUOUS METAL EAVE VENT.
  7. 1/2" SHEATHING.
  8. BACKER ROD AND SEALANT.
  9. WINDOW ASSEMBLY.
  10. BASE AS SCHEDULED.
  11. SHEATHING PER DETAIL 1, SHEET S-301.
  12. VAPOR RETARDER, ACROSS FACE OF STUDS AT FOUNDATION.
  13. R-13 GLASS FIBER BATT INSULATION.
  14. 2 x 4 AT 16" O.C. PONY WALL.
  15. BUILDING PAPER BETWEEN WOOD AND CONCRETE.
  16. COMPACTED SUBGRADE.
  17. FILTER FABRIC.
  18. WASHED 3/4" TO 2" DRAIN ROCK.
  19. 4" DIAM. PERFORATED PVC DRAIN PIPE. CONNECT TO EXISTING LINE. VERIFY EXISTING ELEVATION.
  20. DAMPPROOFING.
  21. REINFORCED CONCRETE STEM WALL.
  22. REINFORCED CONCRETE FOOTING.
  23. EXISTING REINFORCED CONCRETE STEM WALL.
  24. EXISTING REINFORCED CONCRETE FOOTING.
  25. EXISTING ACMV AND EIFS TO BE REMOVED DOWN TO EXISTING SHEATHING. PREPARE SURFACE FOR NEW FINISHES.
  26. EXISTING WINDOW ASSEMBLY TO BE REMOVED, CLEANED AND SET ASIDE FOR RE-INSTALLATION.
  27. EXISTING EAVE STRUCTURE TO BE REMOVED. SEE STRUCTURAL DRAWINGS.
  28. TRUSS ASSEMBLY.
  29. 1/4" x 3 1/2" HARDWOOD, DARK STAIN.
  30. 5/8" GYPSUM BOARD.
  31. GLASS FIBER SOUND BATT.
  32. ROOF ACCESS HATCH.
  33. HVAC UNIT.
  34. 2 x 6 STUDS AT 16" O.C.
  35. SHEATHING.
  36. MEMBRANE ROOF.
  37. INSULATION BAFFLE. SAME AS SHEATHING.
  38. LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
  39. 2 X 4 FRAMING AT 16" O.C.
  40. OAK VENEER PLYWOOD, LIGHT STAIN.
  41. 2" UNREINFORCED CONCRETE SLAB.
  42. 15 MIL VAPOR RETARDER.
  43. ROOF ACCESS LADDER EXTENSION.

REVISIONS



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MOUNTAIN HOME, IDAHO

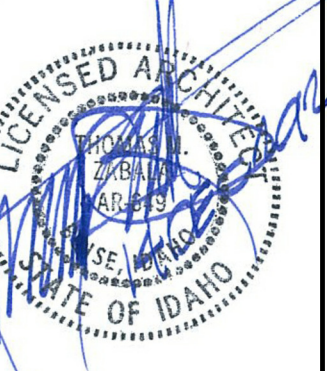
DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET:  
**A-302**  
WALL SECTIONS

GENERAL SHEET NOTES

A. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET KEYNOTES

1. SELF-ADHERING MEMBRANE OVER PREFINISHED SHEET METAL DRIP EDGE (MATCH PROFILE OF EXISTING) OVER ROOF EDGE WEDGE.
2. 2 x 4 BLOCKING.
3. 2 x 10 FASCIA.
4. WEATHER BARRIER.
5. EIFS SYSTEM WITH 1 1/2" THICK RIGID INSULATION TO MATCH EXISTING (VERIFY).
6. 2" CONTINUOUS METAL EAVE VENT.
7. 1/2" SHEATHING.
8. BACKER ROD AND SEALANT.
9. EIFS SYSTEM WITH 3" THICK RIGID INSULATION TO MATCH EXISTING (VERIFY).
10. PROVIDE DRIP NOTCH.
11. INSULATION BAFFLE, SAME AS SHEATHING.
12. ACMV SILL TO MATCH EXISTING.
13. REINFORCED CONCRETE STEM WALL.
14. DAMPPROOFING.
15. FILTER FABRIC.
16. WASHED 3/4" TO 2" DRAIN ROCK.
17. 4" DIAM. PERFORATED PVC DRAIN PIPE, CONNECT TO EXISTING LINE, VERIFY EXISTING ELEVATION.
18. REINFORCED CONCRETE FOOTING.
19. BASE AS SCHEDULED.
20. REINSTALLED DOOR ASSEMBLY.
21. SUSPENDED ACOUSTICAL PANEL CEILING ASSEMBLY.
22. 2" UNREINFORCED CONCRETE SLAB.
23. 15 MIL VAPOR BARRIER.



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 ADDITION AND REMODEL  
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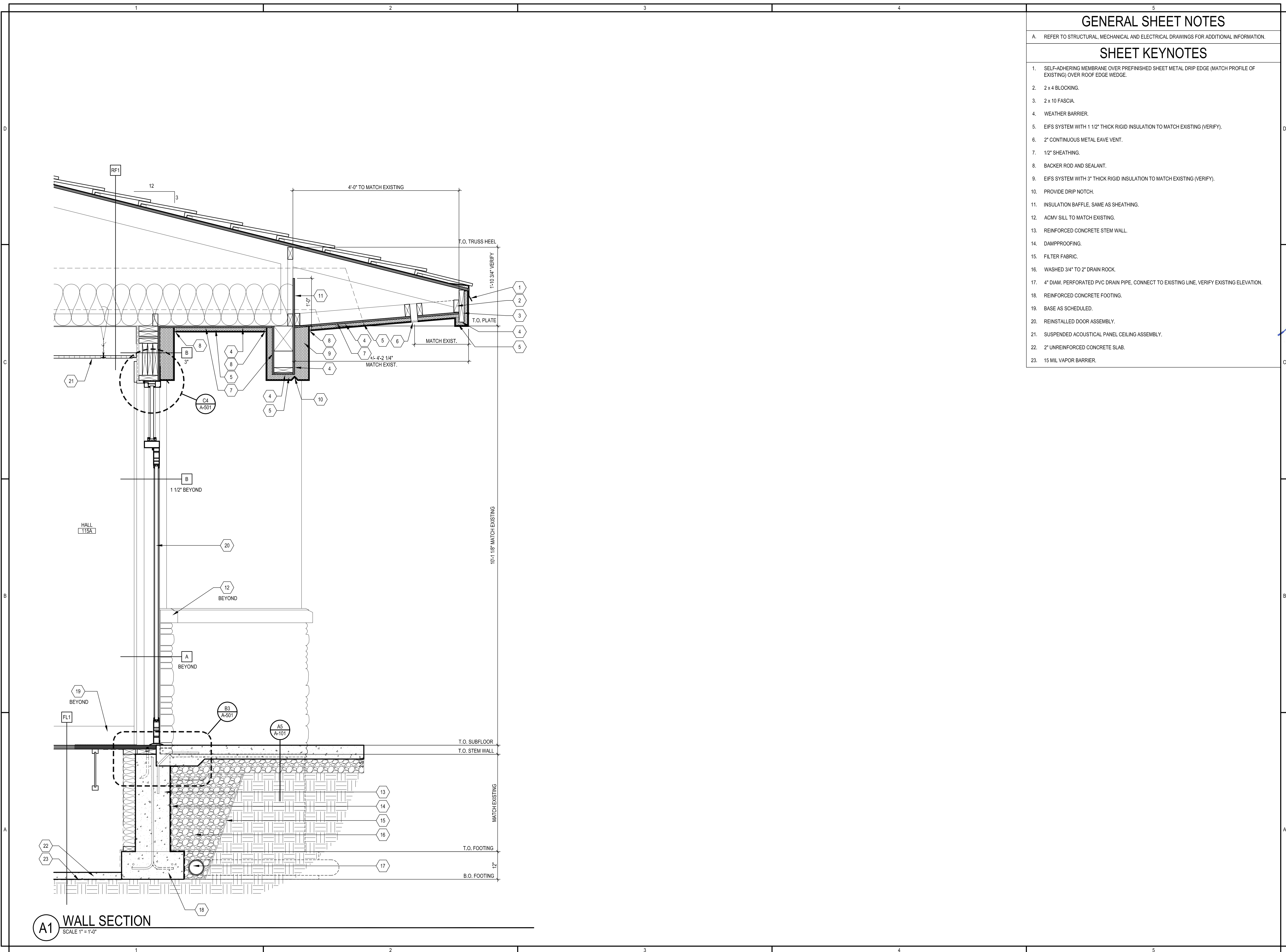
DATE: 12/14/2012

PROJECT NO: 1226.00

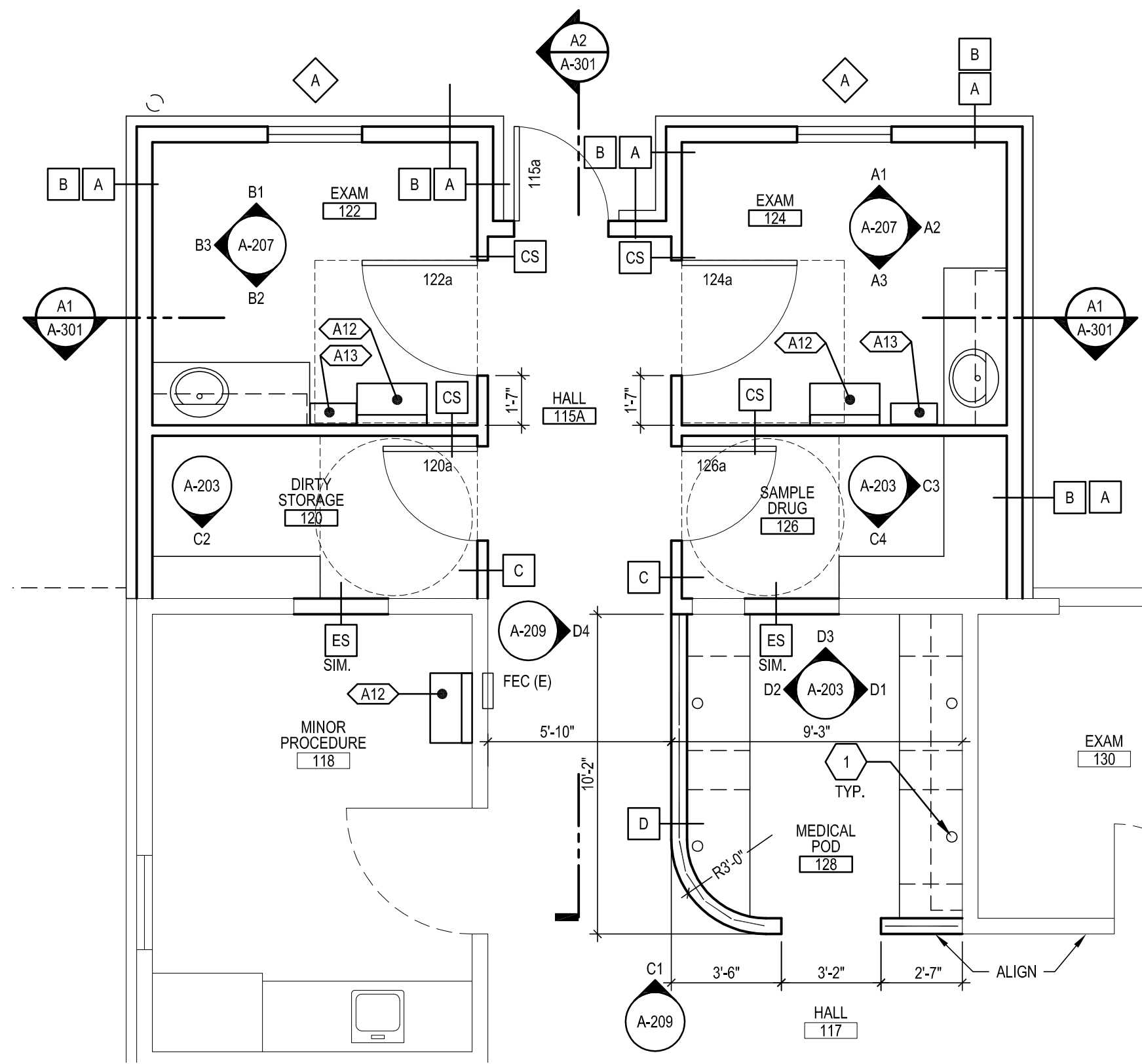
SHEET:

**A-303**

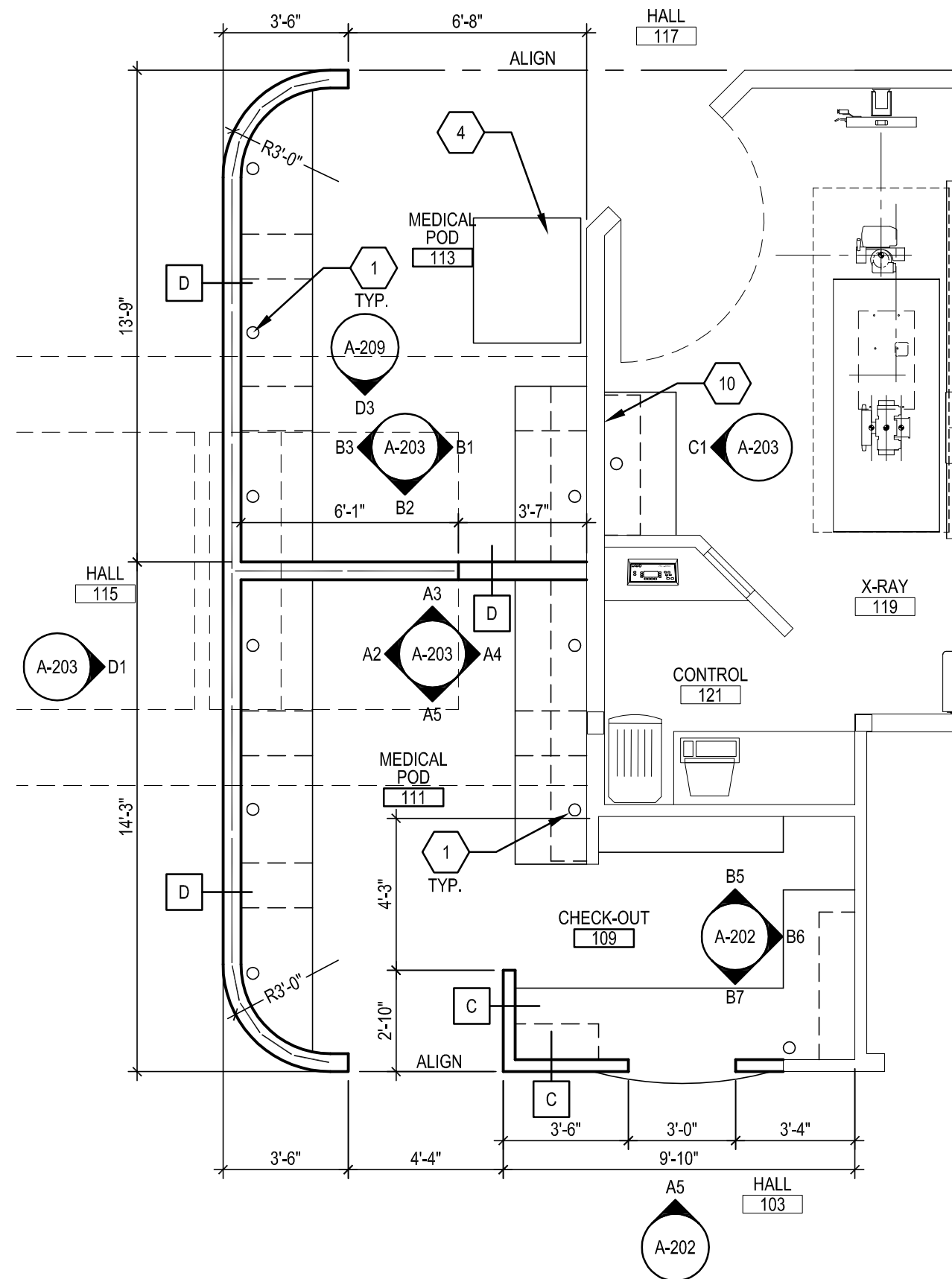
WALL SECTIONS



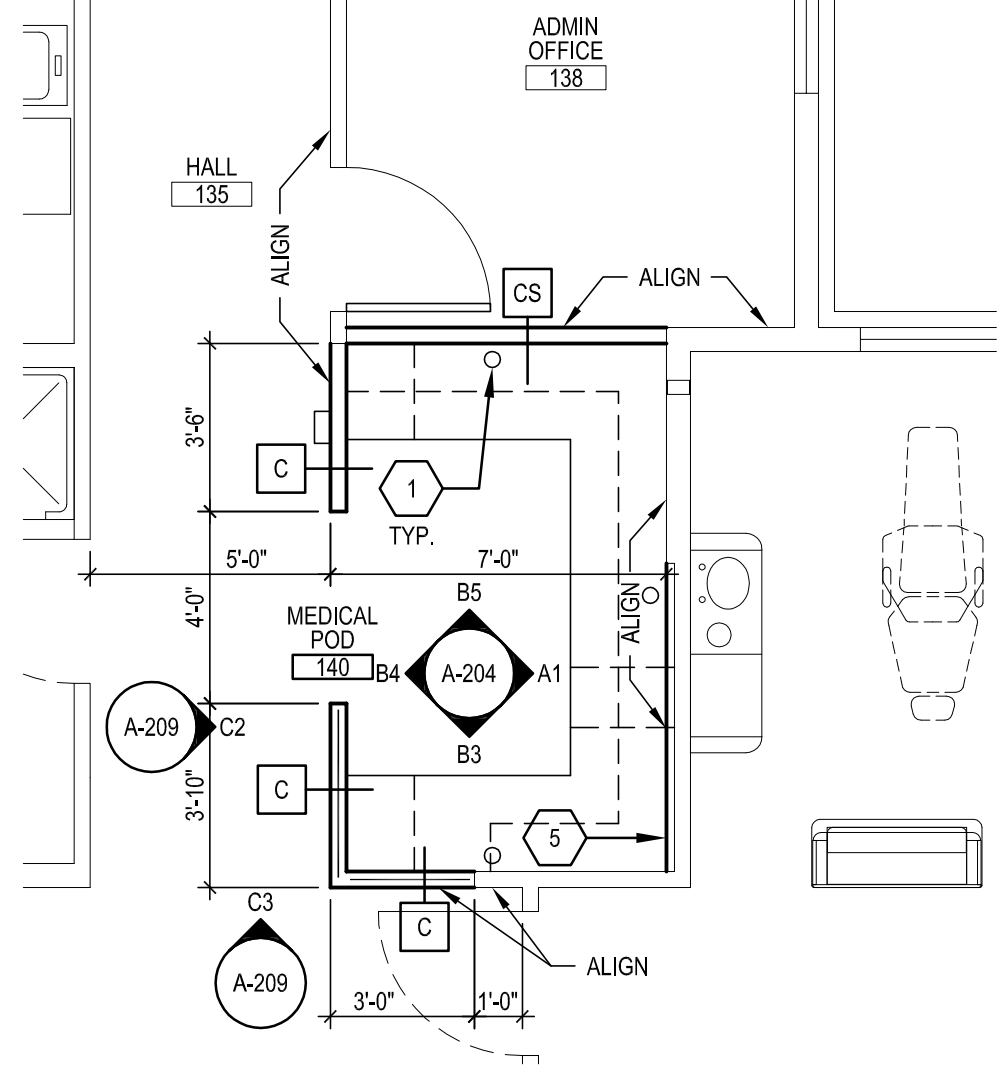
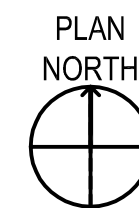
**A1 WALL SECTION**  
 SCALE 1" = 1'-0"



**C1 ENLARGED FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



**C3 ENLARGED FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



**C4 ENLARGED FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

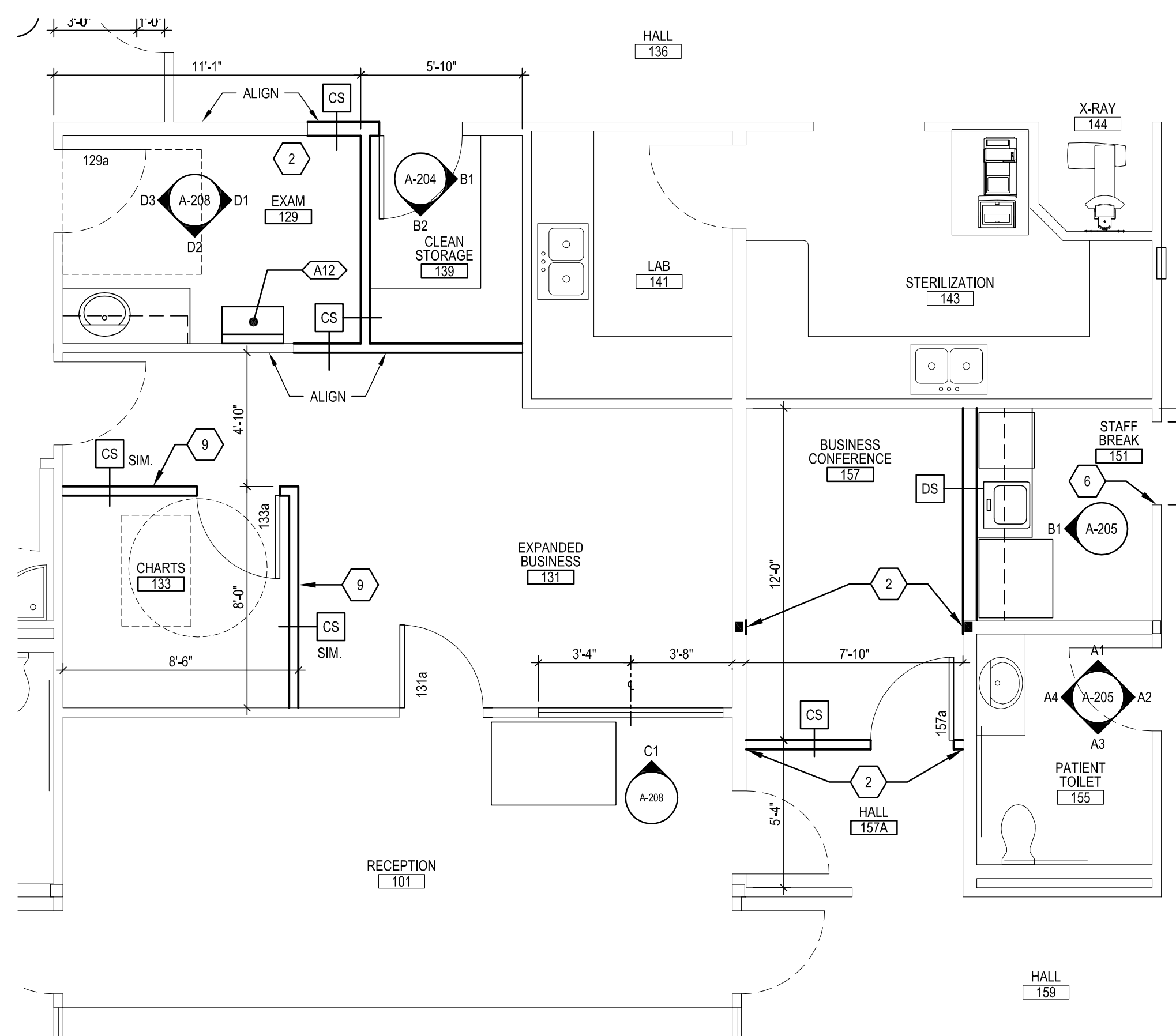


**GENERAL SHEET NOTES**

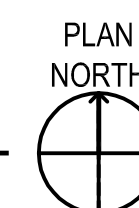
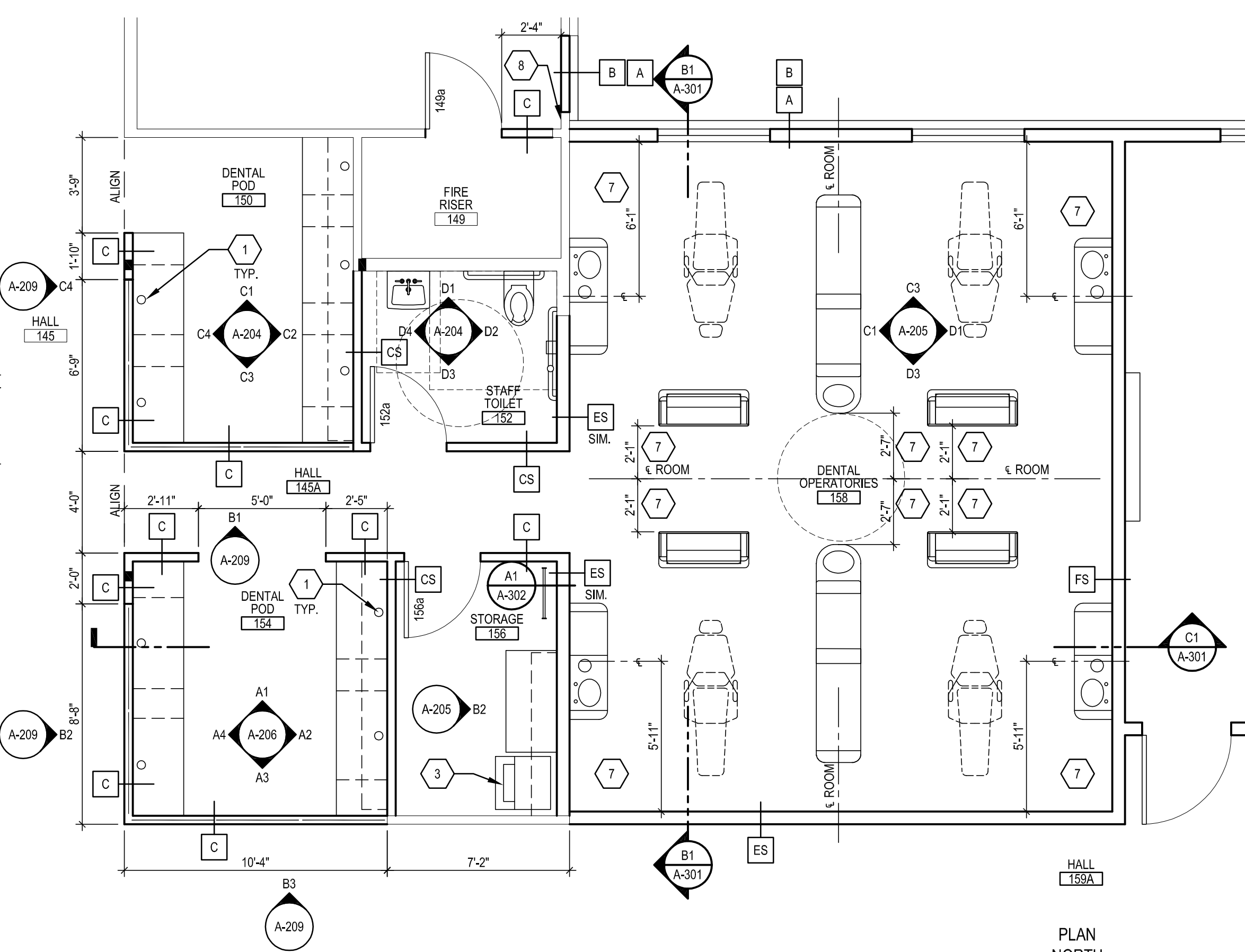
- A. DIMENSIONS ARE TO:  
FACE OF STUD  
CENTERLINE OF WINDOW OR DOOR
- B. FOR WALL, FLOOR AND ROOF ASSEMBLIES, SEE SHEET A-602.
- C. ROOM FINISH SCHEDULES ON A-601.
- D. DOOR SCHEDULE ON SHEET A-601.
- E. FRAME TYPES ON SHEET A-601.
- F. FIELD ADJUST NEW WALL ASSEMBLY THICKNESSES AS NECESSARY - TO MATCH THAT OF ADJACENT WALLS.
- G. PATCH AND REPAIR WALL, BASE, & CEILING AS NECESSARY TO ACCOMMODATE NEW CONSTRUCTION. NEW FINISHES TO MATCH ADJACENT SURFACES.
- H. COORDINATE LOCATIONS FOR GROMMETS AT WORK SURFACES WITH OWNER SUPPLIED COMPUTERS, TELEPHONES AND EQUIPMENT.

**SHEET KEYNOTES**

- 1. 3" ROUND GROMMET.
- 2. PATCH AND REPAIR WALL.
- 3. WASHER/DRYER, O.F.C.I.
- 4. PHOTOCOPIER O.F.O.I.
- 5. FURR-OUT WALL.
- 6. CASED OPENING, MATCH DOOR TRIM.
- 7. DIMENSIONS FOR LAYOUT ONLY. FINAL OPERATORY EQUIPMENT DIMENSION TO BE COORDINATED WITH EQUIPMENT MANUFACTURER (OPERATING EQUIPMENT N.I.C.).
- 8. RELOCATED WATER LINES, SEE PLUMBING DRAWINGS.
- 9. NEW WALL AT CHARTS 133 TO BE BUILT ON TOP OF FLOOR FINISH AND EXTENDED TO UNDERSIDE OF CEILING (CEILING GRID TO BE CONTINUOUS).
- 10. ALL NEW OUTLETS ON THIS WALL REQUIRE LEAD SHIELDING, SEE DETAIL C4 SHEET A-603.



**A1 ENLARGED FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



REVISIONS

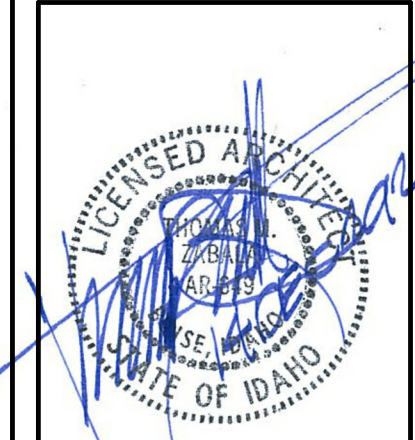
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**DESERT SAGE HEALTH CENTER  
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MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET:  
**A-401**  
ENLARGED FLOOR PLANS

SHEET KEYNOTES

- PRE-FINISHED COPING CAP WITH DRIVE CLEATS AT 10'-0" O.C.
- CONTINUOUS METAL CLIP.
- PRESSURE TREATED 2x BEVELED TOP PLATE.
- WALL SHEATHING.
- WEATHER BARRIER, (2) LAYERS AT ACMV.
- 1 1/2" EIFS SYSTEM.
- SINGLE PLY MEMBRANE ROOFING.
- EXTEND ROOFING MEMBRANE UP AND OVER BEVELED TOP PLATE & EXTEND DOWN 1" ON OPPOSITE SIDE.
- SELF-ADHERING ROOFING UNDERLAYMENT.
- CONCRETE ROOF TILE.
- PAN FLASHING.
- PRE-FINISHED SHEET METAL FLASHING.
- 2x NAILER.
- 2x4 AT 16" O.C.
- NEW ROOF ACCESS HATCH AND LADDER SYSTEM. RUN ROOFING MEMBRANE UP BEHIND FLASHING.
- VAPOR RETARDER.
- 5/8" GYPSUM BOARD.
- WINDOW BLIND.
- PRE-FINISHED VALLEY FLASHING. PROVIDE OPEN TAPERED CUT IN CONCRETE TILES.
- EXISTING CONCRETE ROOF TILE. CUT/MODIFY AS NECESSARY.
- EXTEND NEW ROOFING UNDERLAYMENT UP UNDER EXISTING UNDERLAYMENT OF ADJACENT ROOF.
- EXISTING ROOF SHEATHING.
- ROOF SHEATHING.
- FLASHING WITH HEMMED EDGE.
- RIDGE TILE.
- SEALANT.
- TERMINATION BAR.
- HORIZONTAL BATTEN. INSTALL TO MATCH EXISTING ROOF LAYOUT.
- PRE-FINISHED METAL DRIP FLASHING.
- R-13 GLASS FIBER BATT INSULATION.
- TRUSS.
- REINFORCED CONCRETE STEM WALL.
- EXISTING FIRE RISER WATER MAIN. FORM AND CAST STEM WALL AROUND EXISTING WATER MAIN.
- DAMP-PROOFING SEALANT.
- 3/4" HARDWOOD, DARK STAIN.
- WINDOW ASSEMBLY.
- DOOR ASSEMBLY.
- THRESHOLD SPANNING BOTH FLOOR SURFACES, SET IN MASTIC.
- SELF-ADHERING WEATHER BARRIER TAPE.
- 3/4" x 1 1/2" HARDWOOD, LIGHT STAIN.
- EXISTING EIFS.
- 3" EIFS SYSTEM.
- WRAP EXPOSED EDGES OF EIFS.
- BACKER ROD AND SEALANT.
- EXISTING ACMV. SAWCUT TO CLEAN EDGE.
- ACMV.
- #4 BENT BARS AT 12" O.C. AT EXTERIOR DOORS.
- 1/2" SOLID SURFACING SILL (SS-1), EASE EDGES.
- 1 1/8" TONGUE AND GROOVE SUBFLOOR.
- FLOOR FINISH AS SCHEDULED.
- WALL BASE AS SCHEDULED.
- BUILDING PAPER BETWEEN WOOD AND CONCRETE.
- PRESSURE TREATED 2 x 6 SILL PLATE OVER SILL GASKET, ANCHOR BOLTS PER STRUCTURAL DRAWINGS.
- WEEP DRAINS AT 16" O.C.
- ACMV SILL TO MATCH EXISTING.

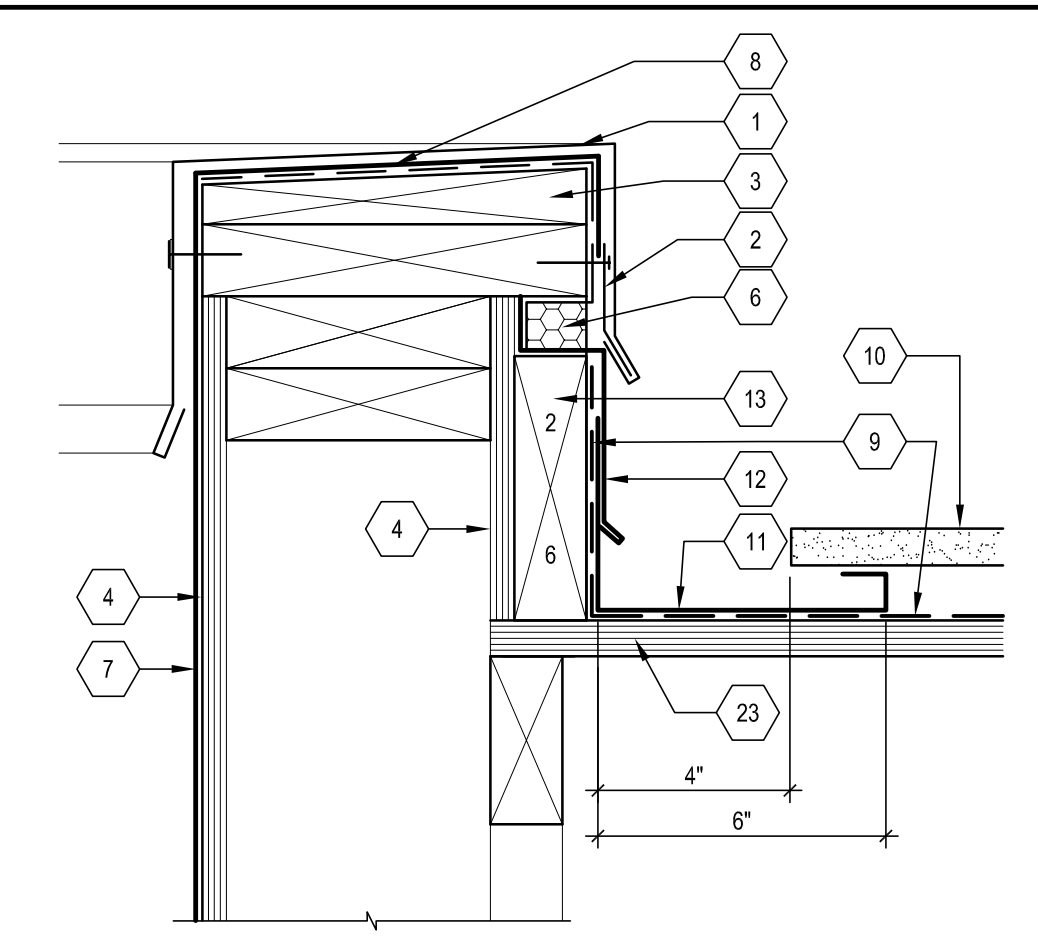


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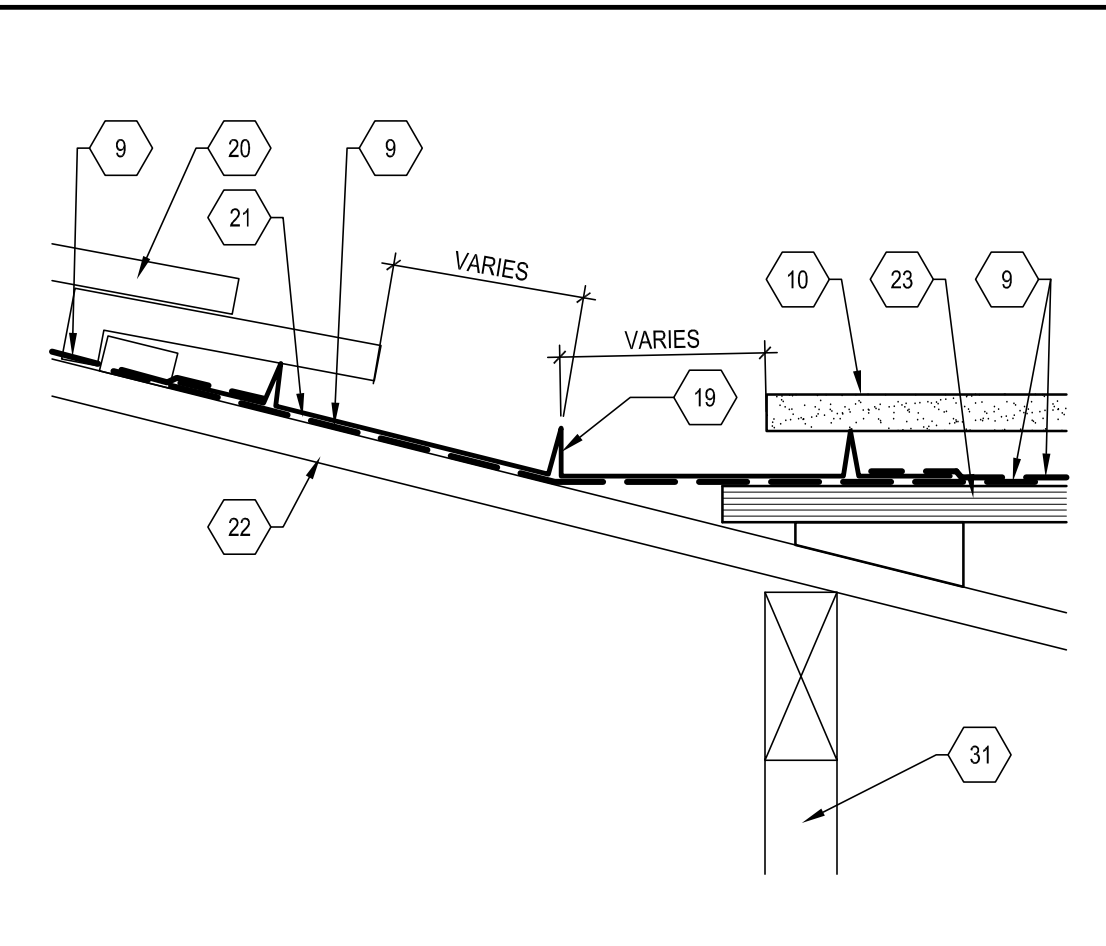
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DATE: 12/14/2012  
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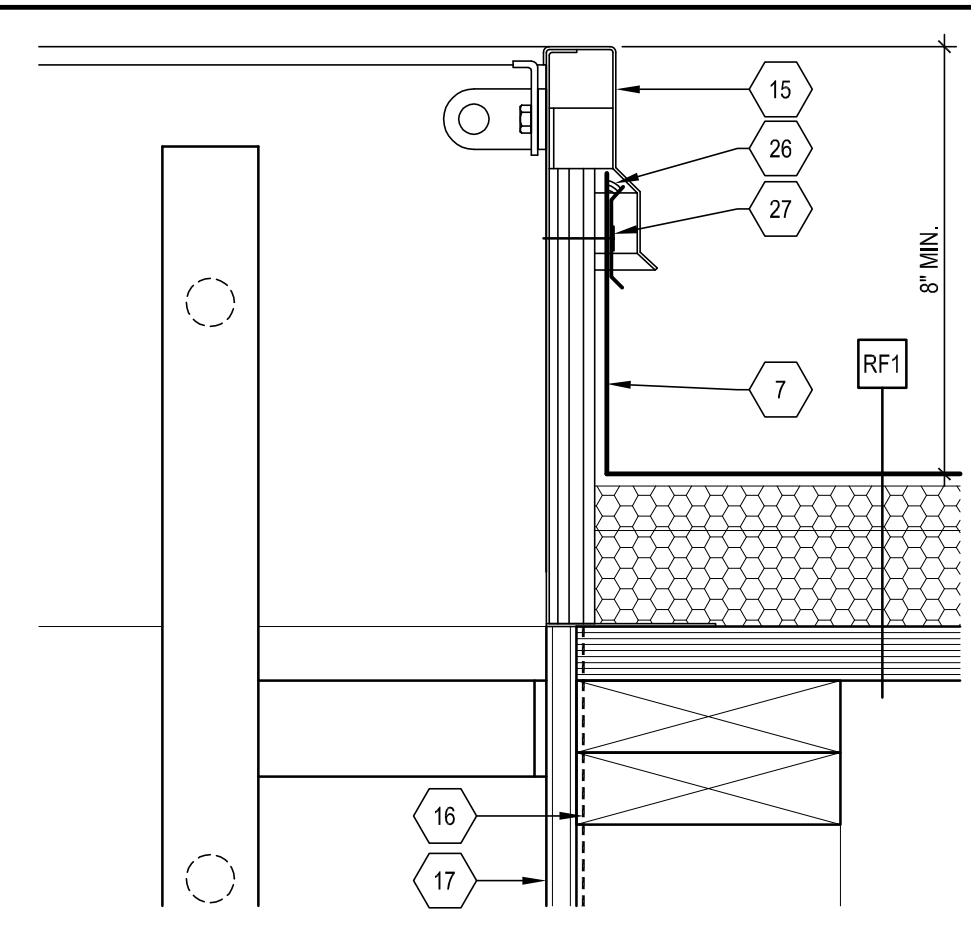
SHEET:  
**A-501**  
 EXTERIOR  
 DETAILS



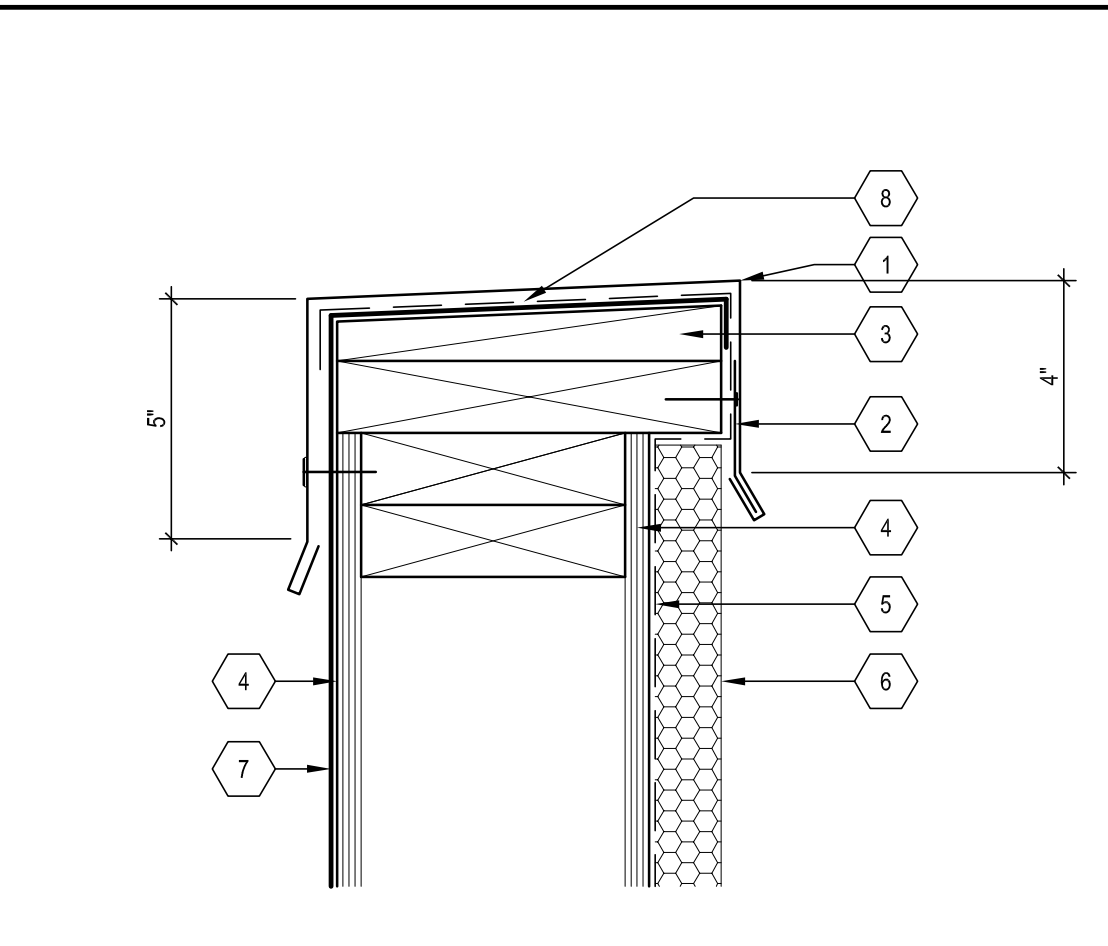
**D4 PARAPET/ROOF JUNCTION DETAIL**  
 3" = 1'-0"



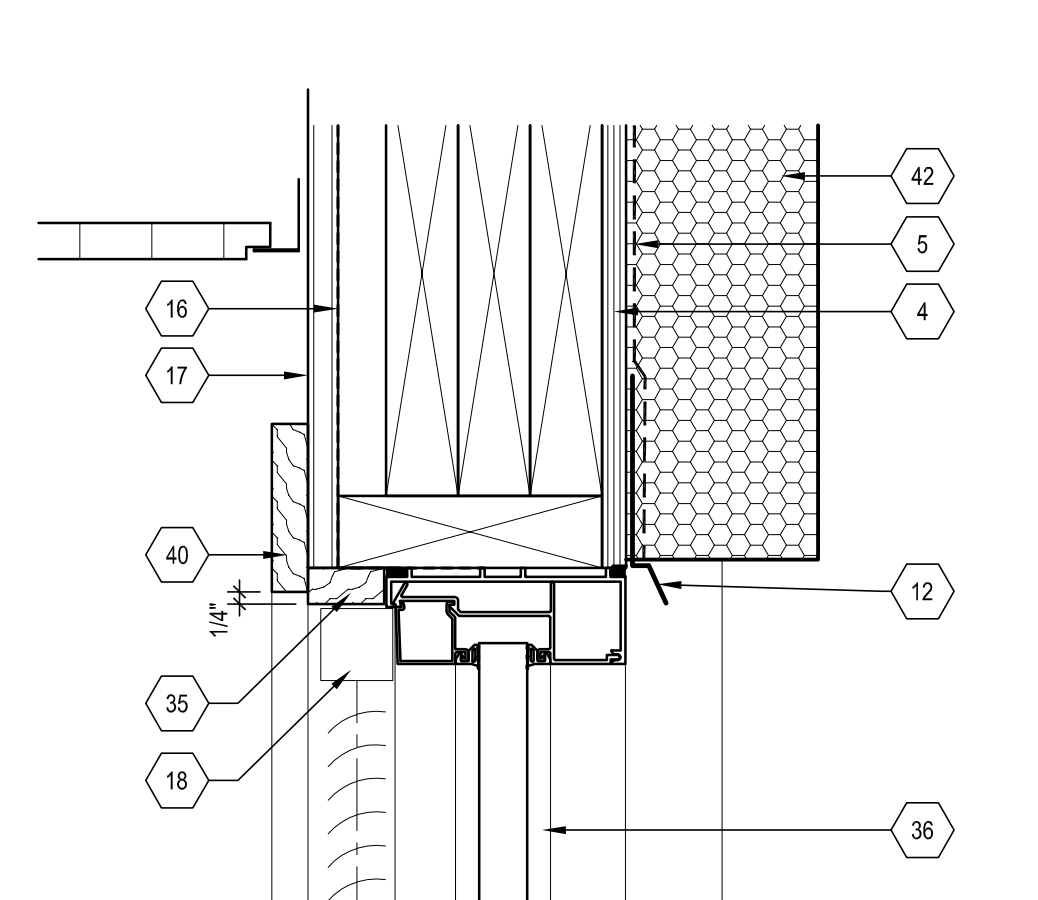
**D3 VALLEY DETAIL**  
 3" = 1'-0"



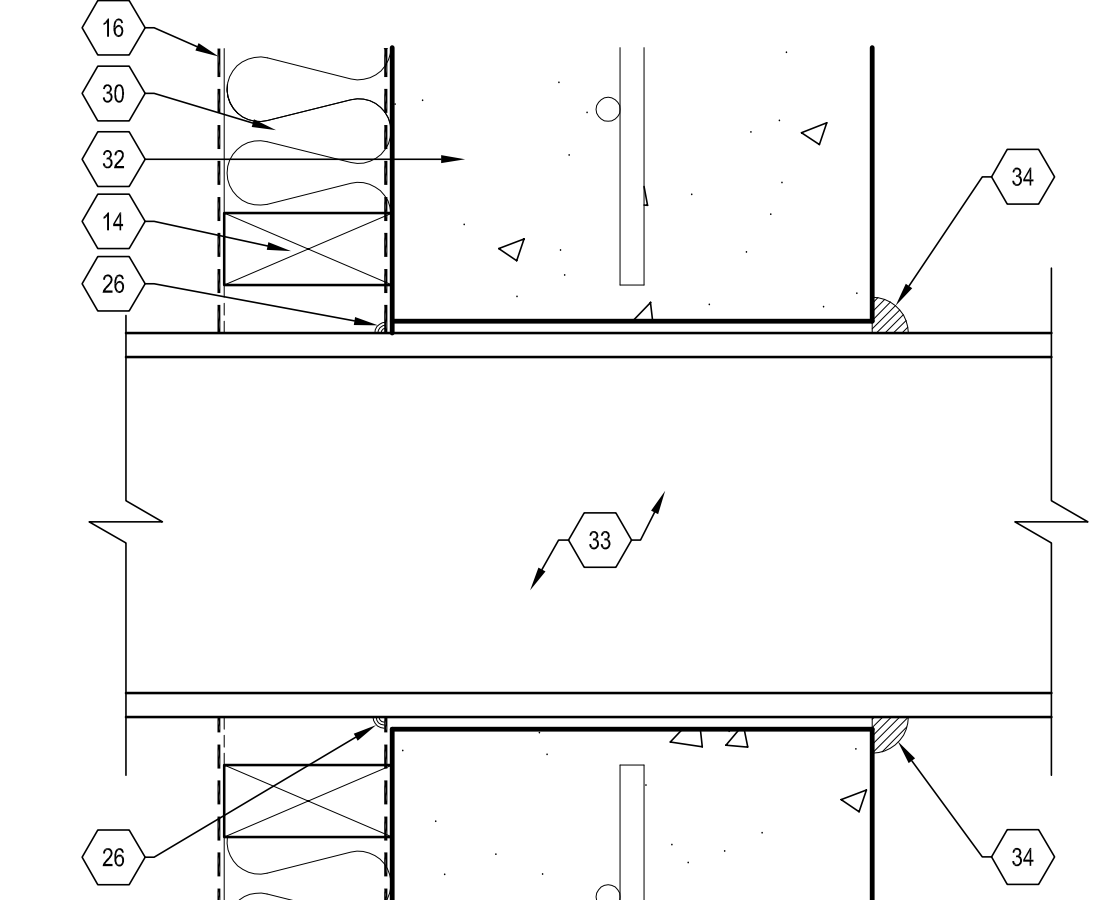
**D2 ROOF HATCH FLASHING**  
 3" = 1'-0"



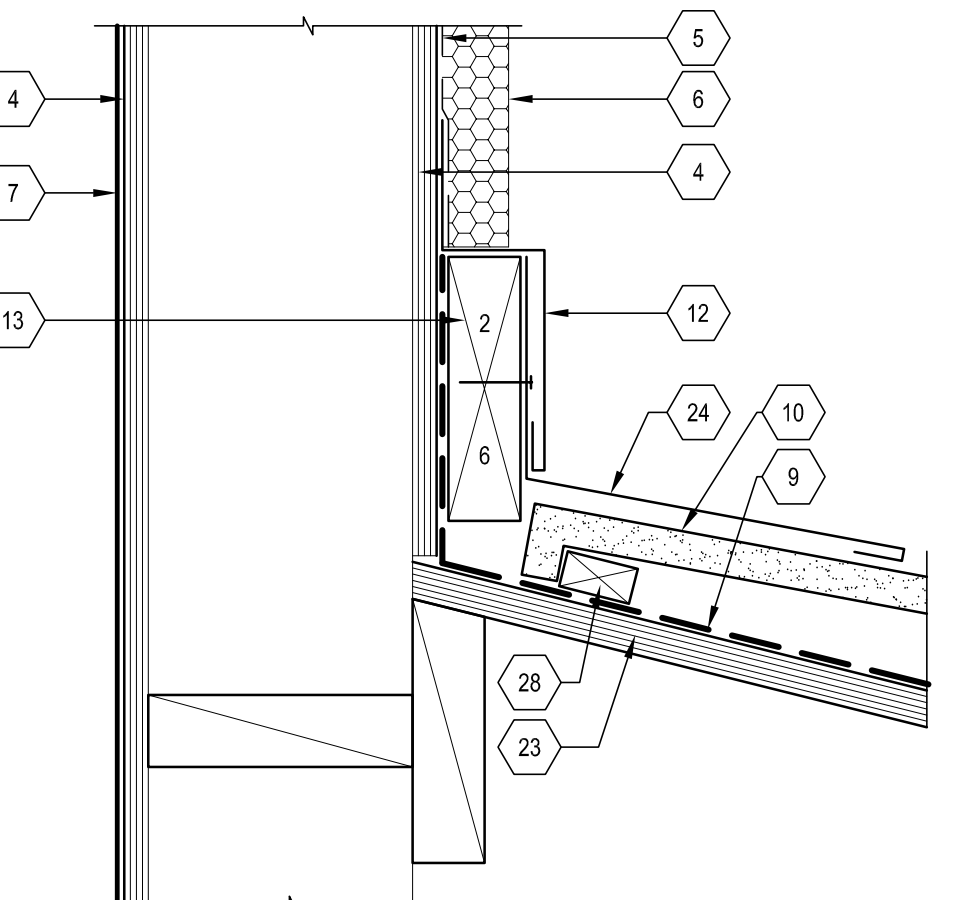
**D1 PARAPET FLASHING (TYP.)**  
 3" = 1'-0"



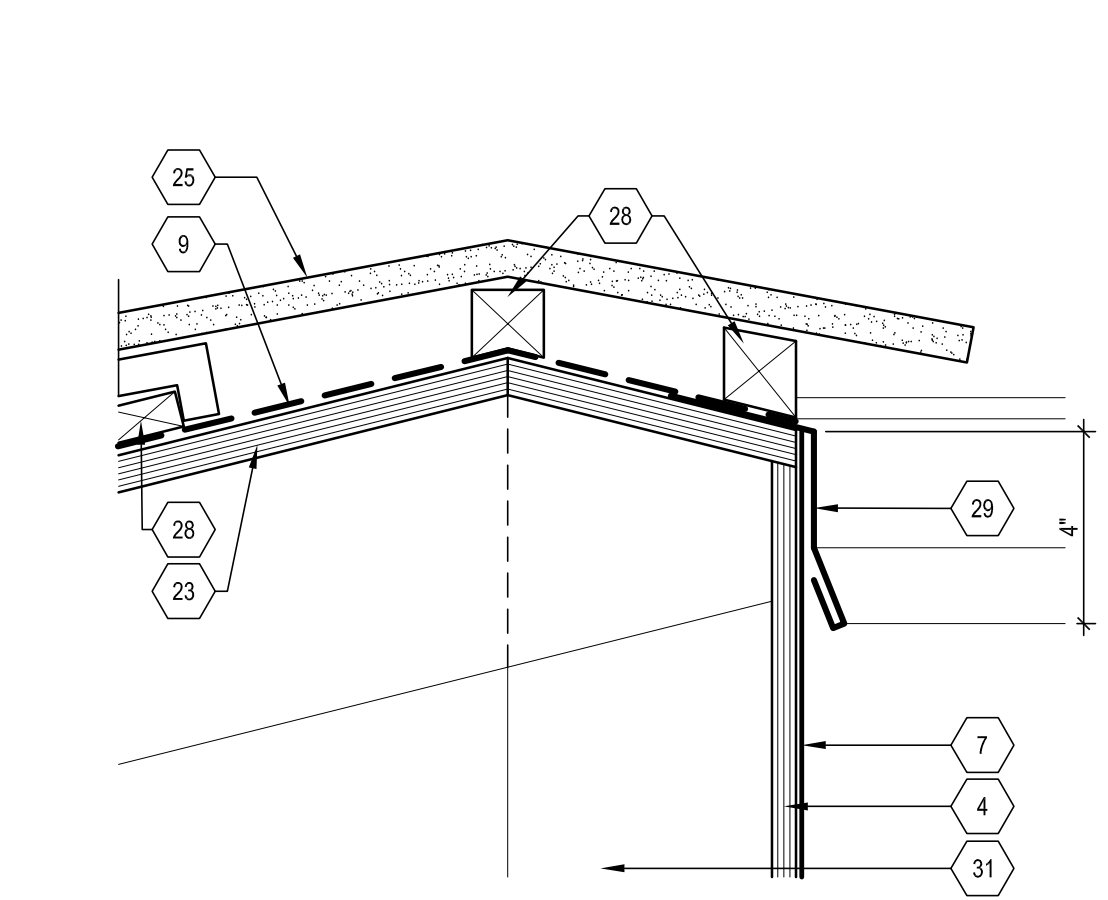
**C4 WINDOW HEADER DETAIL**  
 3" = 1'-0"



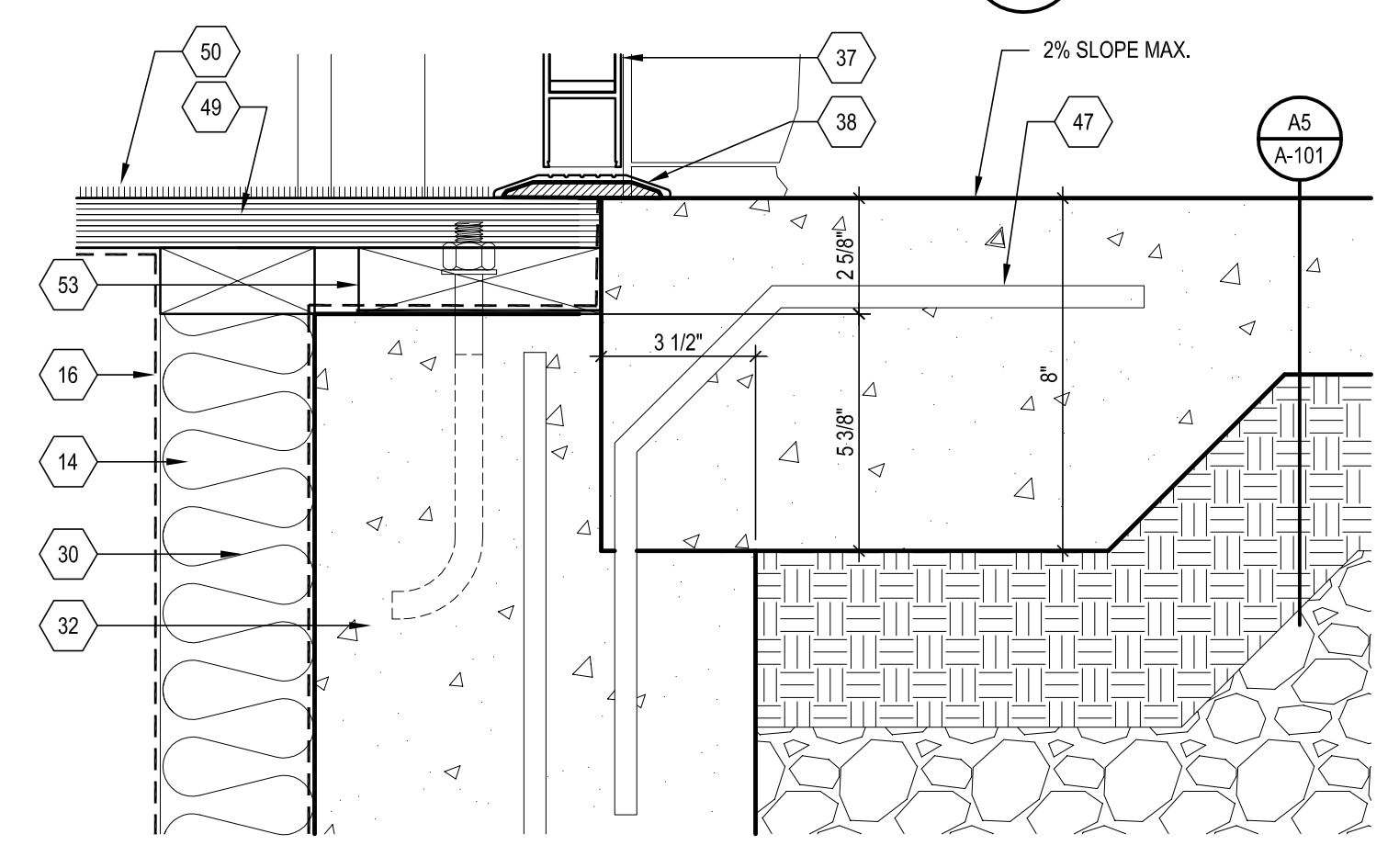
**C3 STEM WALL PENETRATION**  
 3" = 1'-0"



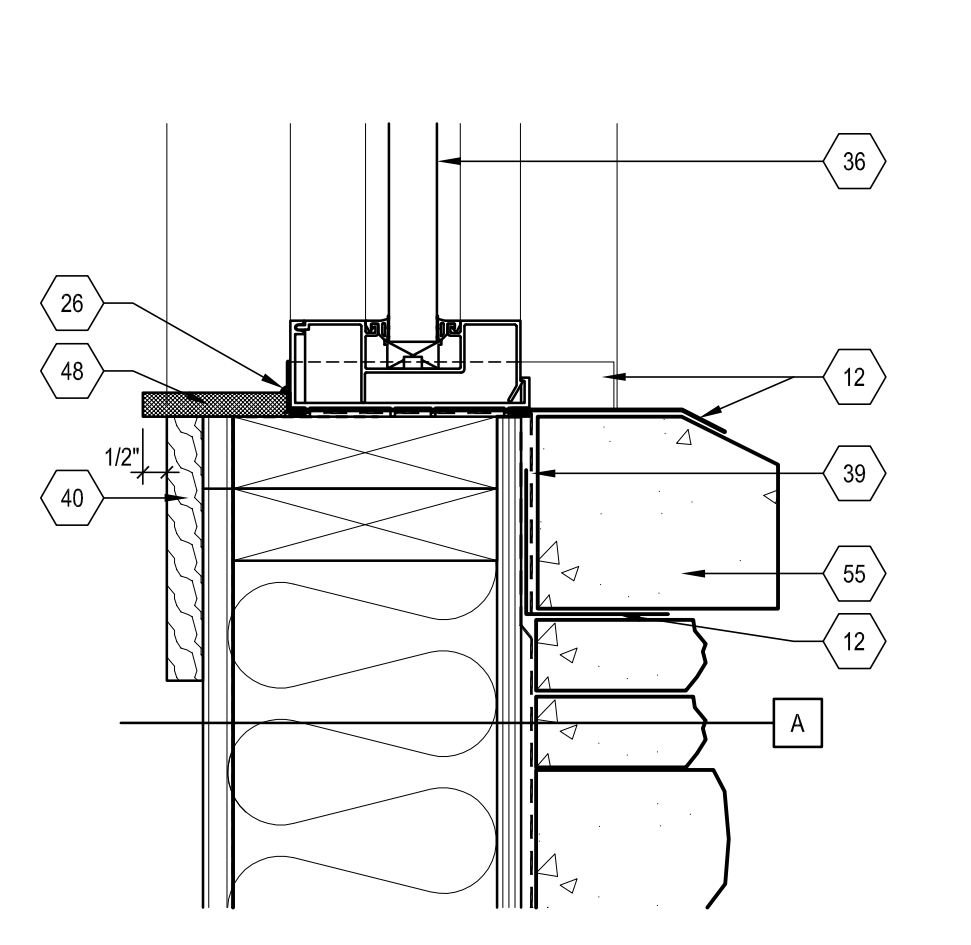
**C2 ROOF FLASHING DETAIL**  
 3" = 1'-0"



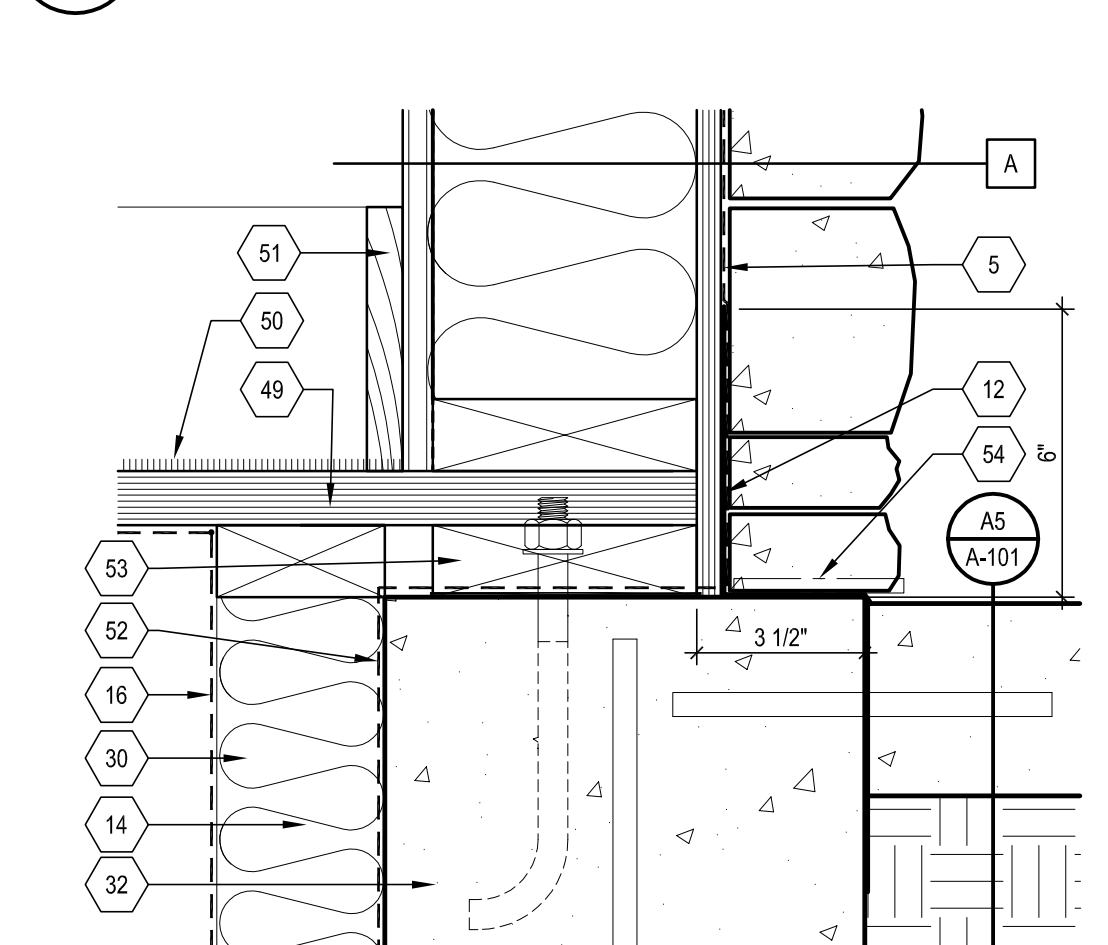
**C1 RIDGE CAP DETAIL**  
 3" = 1'-0"



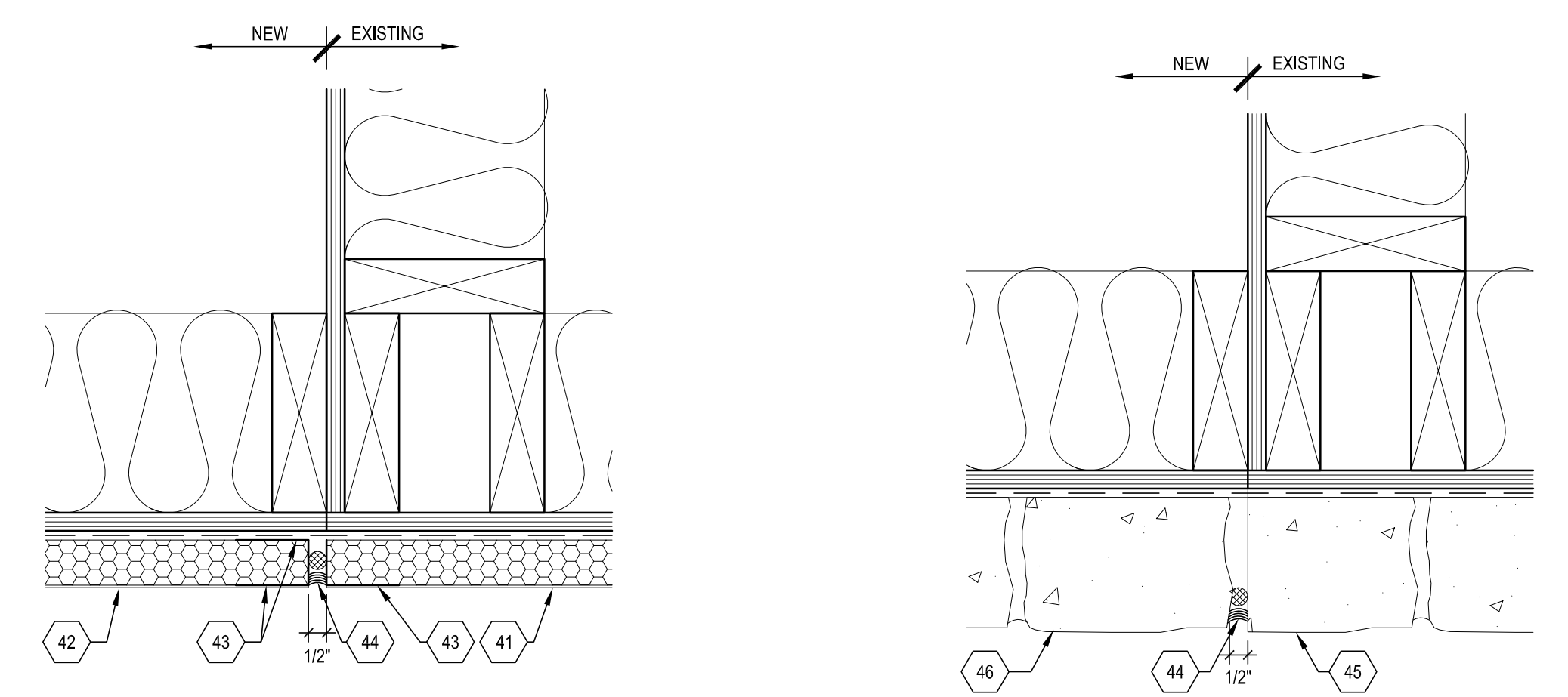
**B3 THRESHOLD DETAIL**  
 3" = 1'-0"



**B2 WINDOW SILL DETAIL**  
 3" = 1'-0"

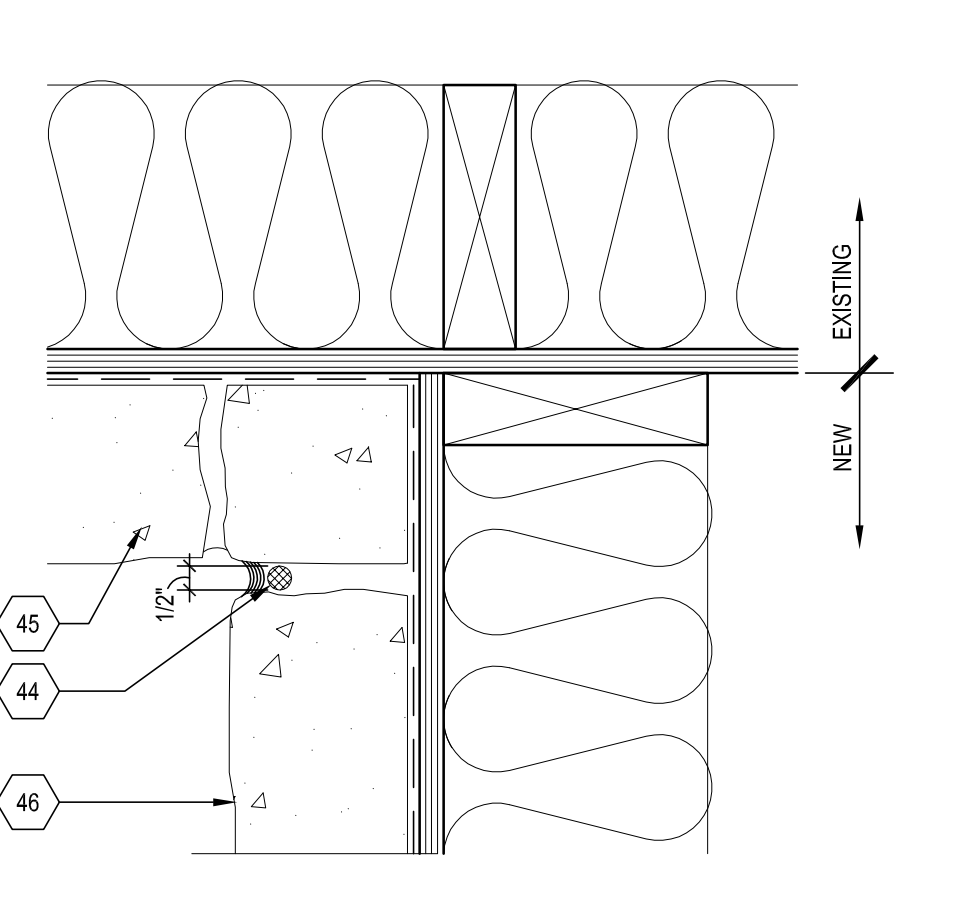


**B1 STEM WALL DETAIL**  
 3" = 1'-0"

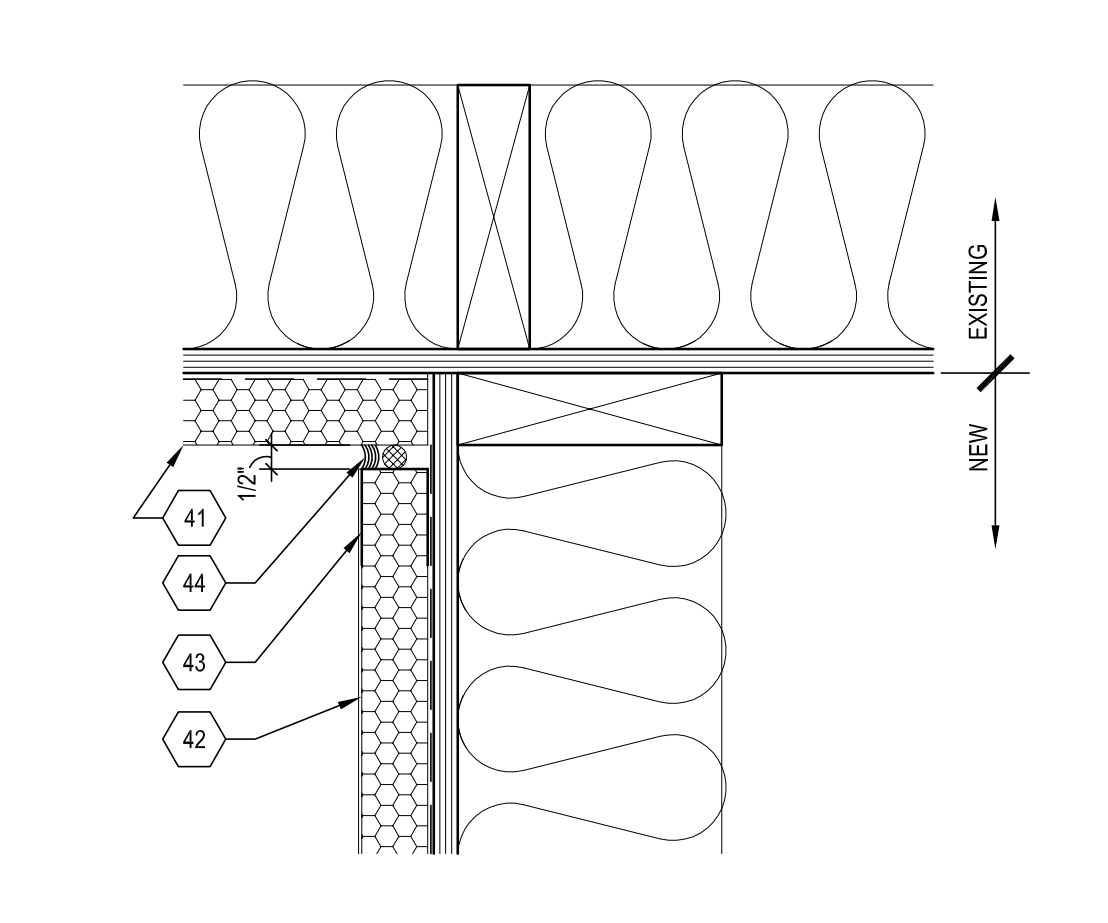


**A3 JOINT / EIFS AT EIFS**  
 3" = 1'-0"

**A4 JOINT / ACMV AT ACMV**  
 3" = 1'-0"



**A2 RE-ENTRANT CORNER - ACMV**  
 3" = 1'-0"

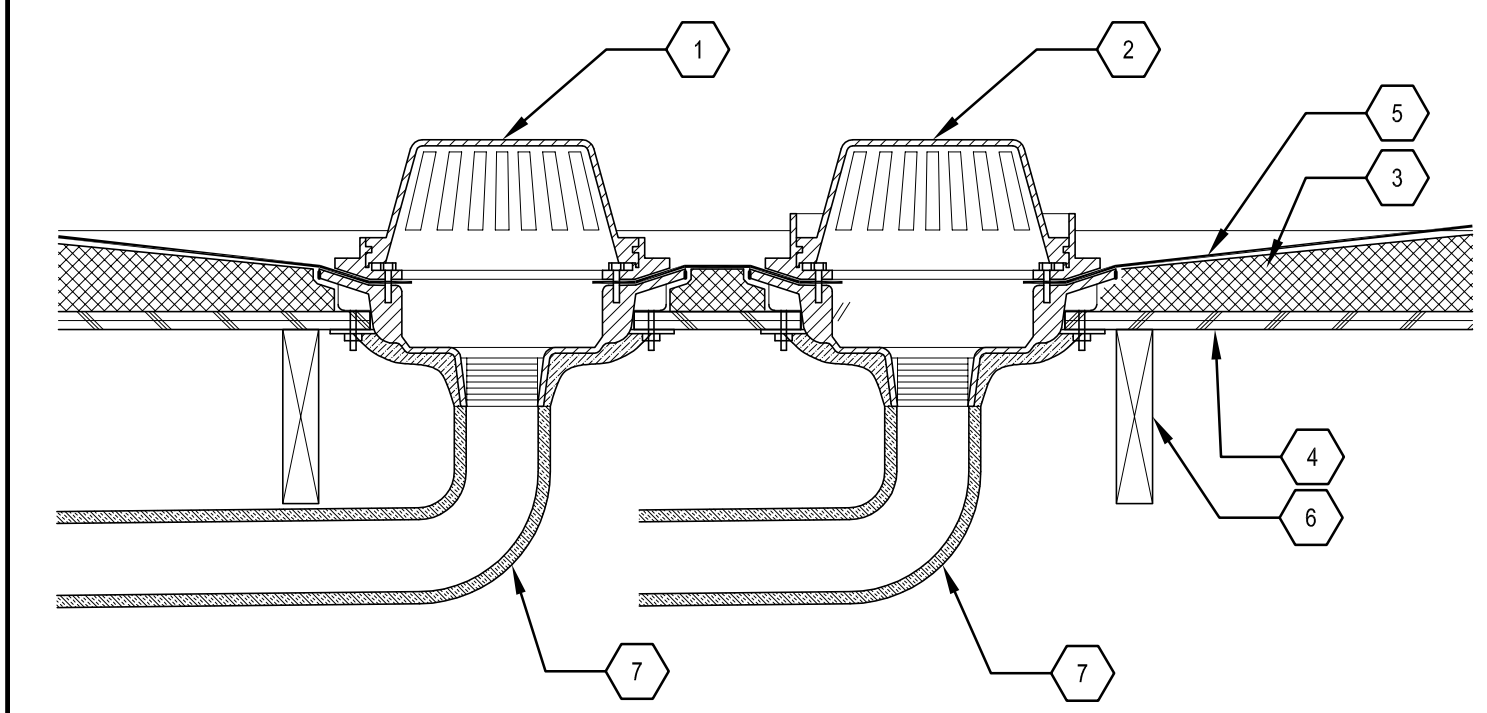


**A1 RE-ENTRANT CORNER / EIFS**  
 3" = 1'-0"

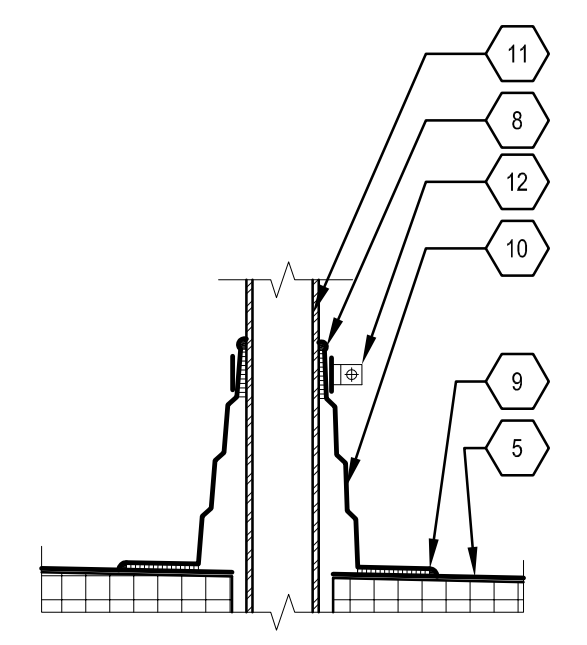


SHEET KEYNOTES

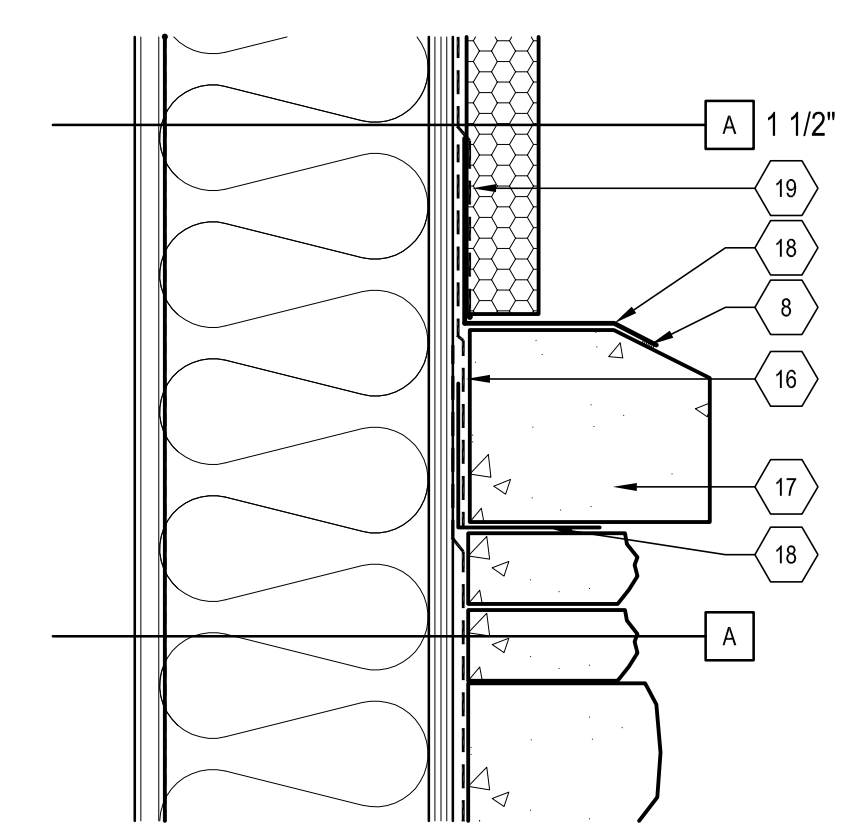
1. ROOF DRAIN, SEE PLUMBING DRAWINGS
2. OVERFLOW DRAINS, SEE PLUMBING DRAWINGS
3. SLOPE ROOF INSULATION TO DRAIN AND OVERFLOW
4. ROOF SHEATHING
5. MEMBRANE ROOFING
6. ROOF STRUCTURE
7. DRAIN PIPE, INSULATE TO 18" FROM DRAIN
8. SEALANT
9. WELD FLASHING TO ROOF MEMBRANE
10. MEMBRANE ROOF PIPE BOOT
11. VENT PIPE OR CONDUIT
12. PIPE BOOT CLAMP.
13. PREFINISHED METAL COPING.
14. DRIVE CLEAT AND CAULKING.
15. OVERLAP COPING MINIMUM 2", CAULK.
16. SELF-ADHERING WEATHER BARRIER TAPE.
17. ACMV SILL TO MATCH EXISTING.
18. PRE-FINISHED SHEET METAL FLASHING.
19. OVERLAP WEATHER BARRIER OVER FLASHING.



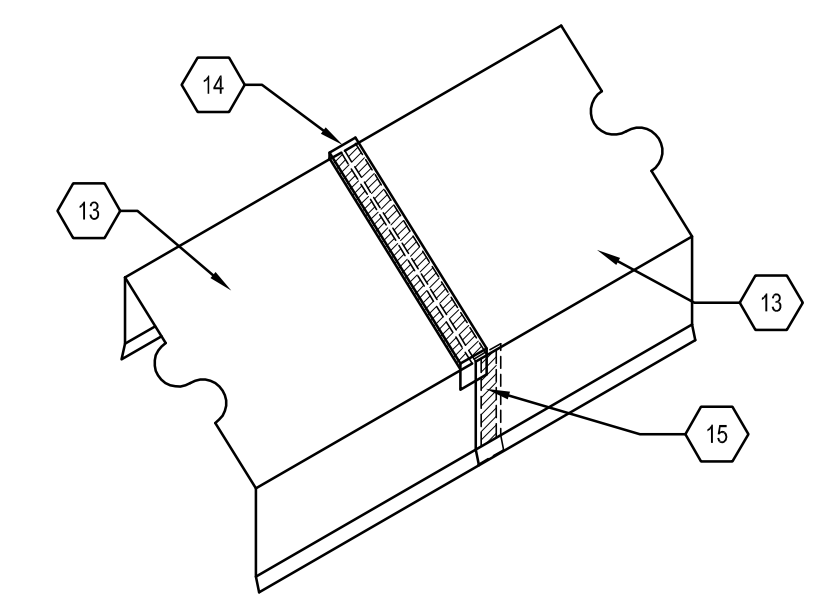
**D1** ROOF DRAIN & OVERFLOW DRAIN  
1-1/2"=1'-0"



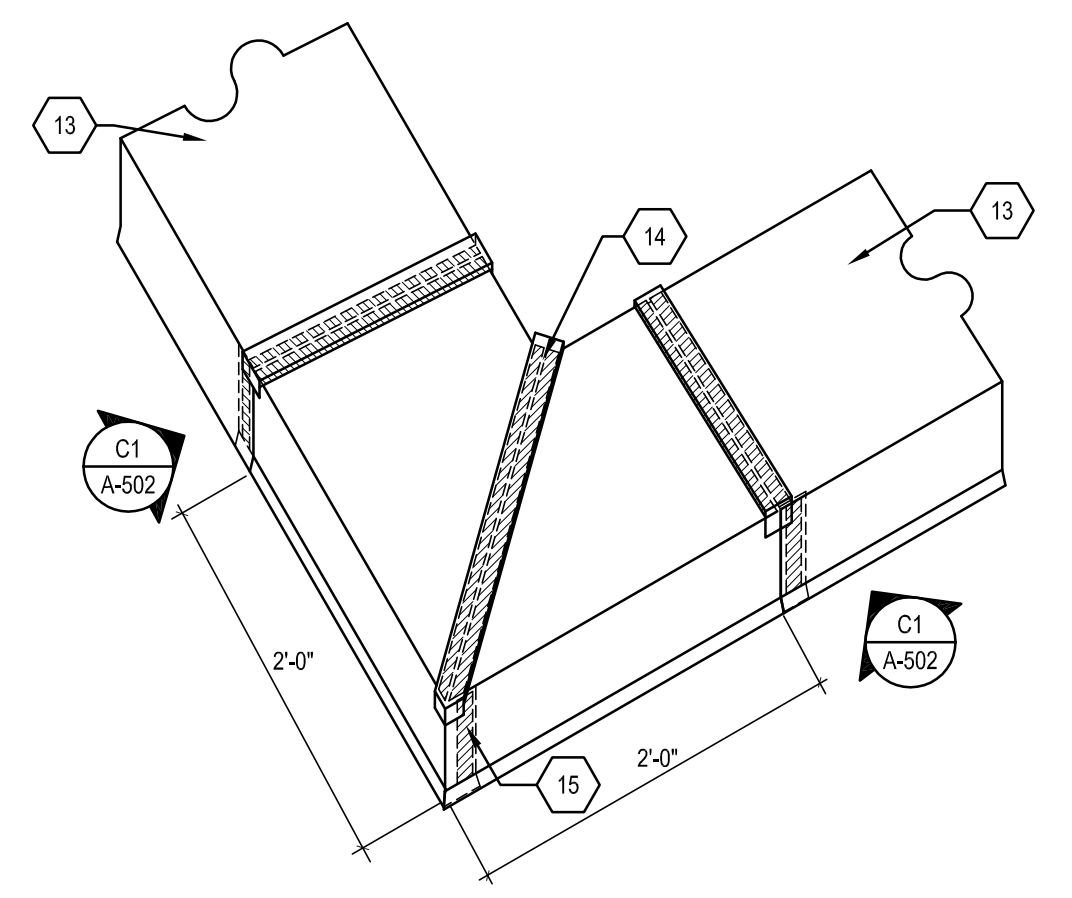
**D2** ROOF PENETRATION FLASHING  
1-1/2"=1'-0"



**D3** WAINSCOT FLASHING  
3"=1'-0"

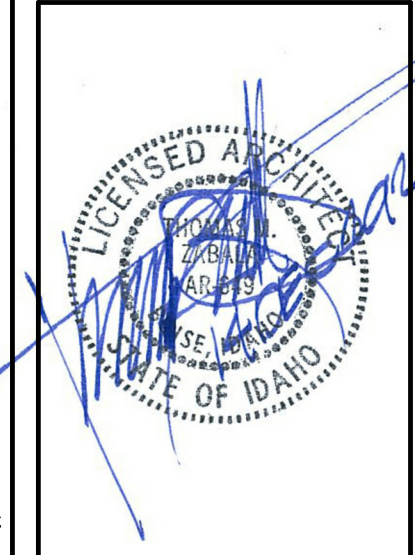


**C1** TYPICAL COPING JOINT  
1"=1'-0"



**C2** TYPICAL COPING CORNER  
1"=1'-0"

REVISIONS



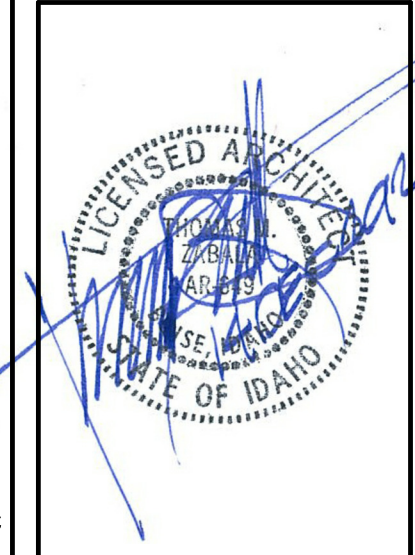
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DESERT SAGE HEALTH CENTER  
 ADDITION AND REMODEL  
 MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET:  
**A-502**  
 EXTERIOR  
 DETAILS

### SHEET KEYNOTES

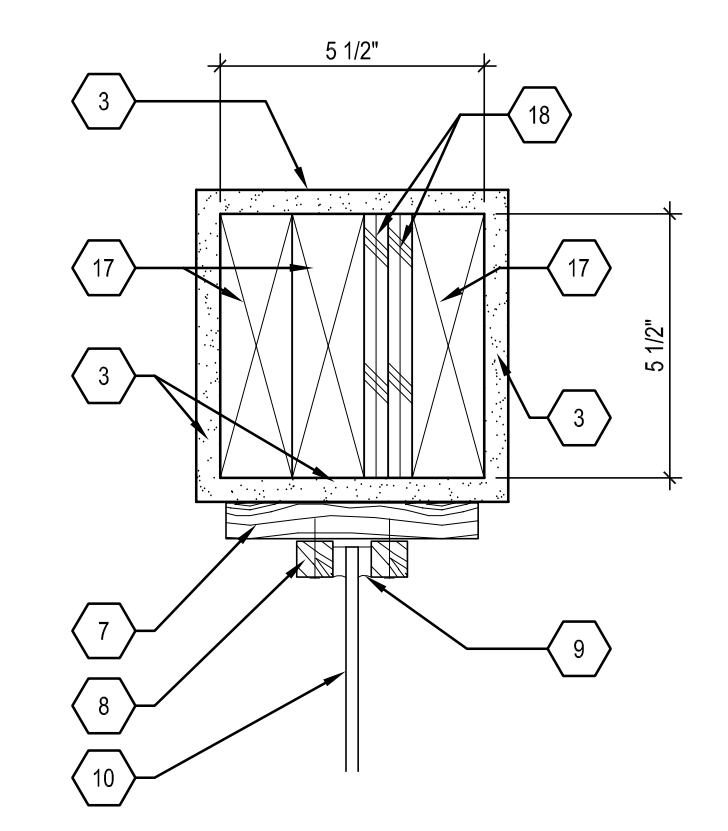
- 2x4 OR 2x6 FRAMING AT 16" O.C., WIDTH TO MATCH WALL TYPE, 2x4 AT SOFFIT FRAMING.
- 2x BLOCKING AT SUSPENDED CEILING ATTACHMENT.
- 5/8" GYPSUM BOARD.
- SUSPENDED ACOUSTICAL CEILING ASSEMBLY.
- 2x4 AT 24" O.C.
- 3/4" x 5 1/2" HARDWOOD CROWN MOLDING, LIGHT STAIN.
- 3/4" x 3 1/2" OR 5 1/2" HARDWOOD TRIM, LIGHT STAIN, WIDTH TO CORRESPOND TO WALL TYPE.
- 3/4" x 3/4" HARDWOOD GLAZING STOP, LIGHT STAIN.
- SILICONE SEALANT OR TAPE.
- GLASS, SEE SHEET A-209.
- 3/4" HARDWOOD SILL, STAINED LIGHT.
- 3/4" x 5 1/2" HARDWOOD, LIGHT STAIN.
- BEAM BEYOND.
- LIGHT FIXTURE PER ELECTRICAL SCHEDULE.
- SATIN STAINLESS STEEL FINISH PLASTIC LAMINATE TO MATCH EXISTING, ADHERE TO WALL.
- CABINET KNOBS TO MATCH EXISTING.
- 2x6.
- 1/2" PLYWOOD SPACER.
- EXISTING SOFFIT CONSTRUCTION.
- 3/4" x 6" HARDWOOD, LIGHT STAIN.
- 3/4" x 5 1/2" HARDWOOD, LIGHT STAIN.
- 21" x 2" x 3/4" HARDWOOD, DARK STAIN.
- 3/4" HARDWOOD, LIGHT STAIN, RIP PER DIMENSIONS ON ELEVATION A1/A-503.
- 3/4" HARDWOOD, DARK STAIN.
- 1/2" x 1 1/2" HARDWOOD DOOR STOP, DARK STAIN.
- 2" x 2" x 3/4" HARDWOOD, DARK STAIN.
- DOOR AS SCHEDULED.
- 5 1/2" x 7" x 1 1/4" HARDWOOD, DARK STAIN.
- WALL BASE AS SCHEDULED.
- WINDOW ASSEMBLY.
- WINDOW COVERING.
- ELECTRICAL JUNCTION BOX.
- CONDUIT AT TOP OF BOX.
- X-RAY ANGLE OF INCIDENCE.
- KNOCK-OUT DEPTH FROM FACE OF LEAD-FACED GYPSUM BOARD.
- FORMED LEAD SHEET, THICKNESS TO EQUAL THICKNESS AT GYPSUM BOARD.
- MINIMUM LEAD OVERLAP AT ADHESIVE JOINT.
- SIGNAGE, SEE SCHEDULE SHEET A-601.
- ROLLED WOOD FRAME, DARK STAIN.
- PLASTIC BACKGROUND (MATCH EXISTING).
- WHITE DIE-CUT VINYL LETTERS (MATCH EXISTING).
- EXAM ROOM SIGNAL, KULL INDUSTRIES KJ-08 LONG.
- SOLID SURFACE SILL, 1/4" SS-1.
- 1" DIAMETER STEEL BAR RUNG, NON-SLIP COATING AND PAINT.
- 1/2" x 2 1/2" STEEL FLAT BAR, PAINT.
- LAG SCREW INTO BLOCKING IN WALL.



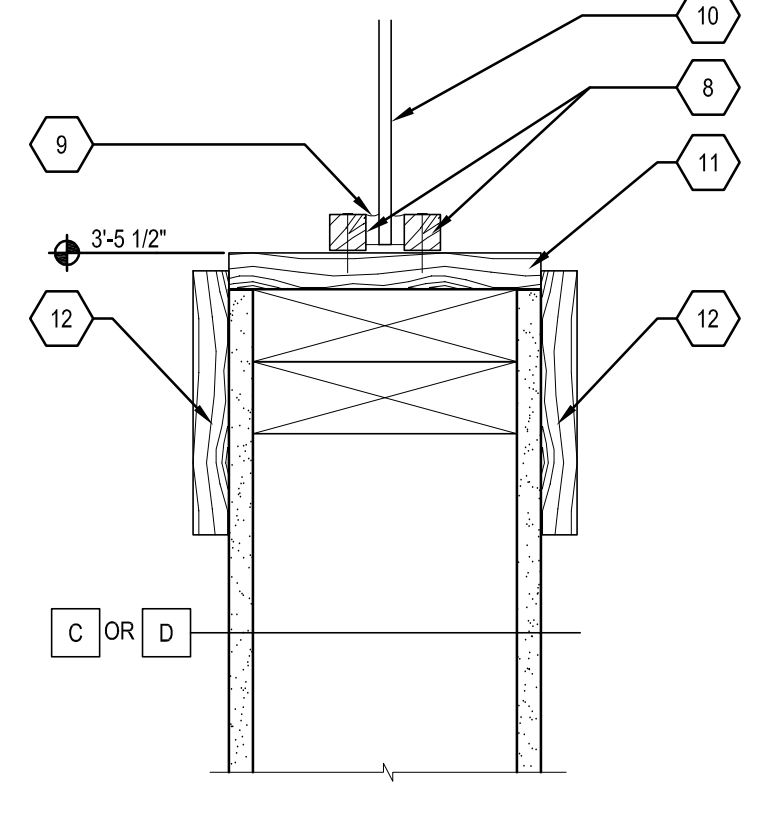
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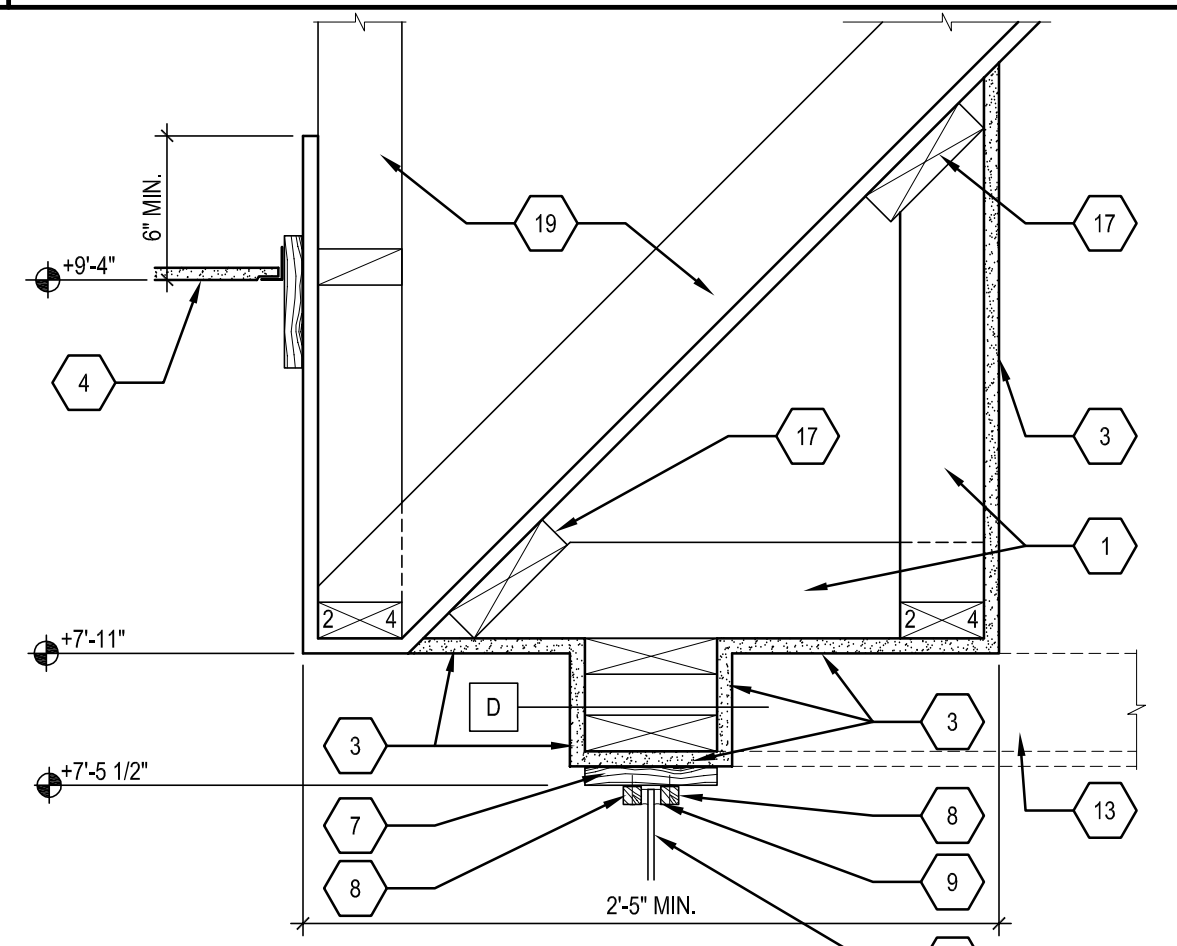
DATE: 12/14/2012  
 PROJECT NO: 1226.00  
 SHEET: **A-503**  
 INTERIOR DETAILS



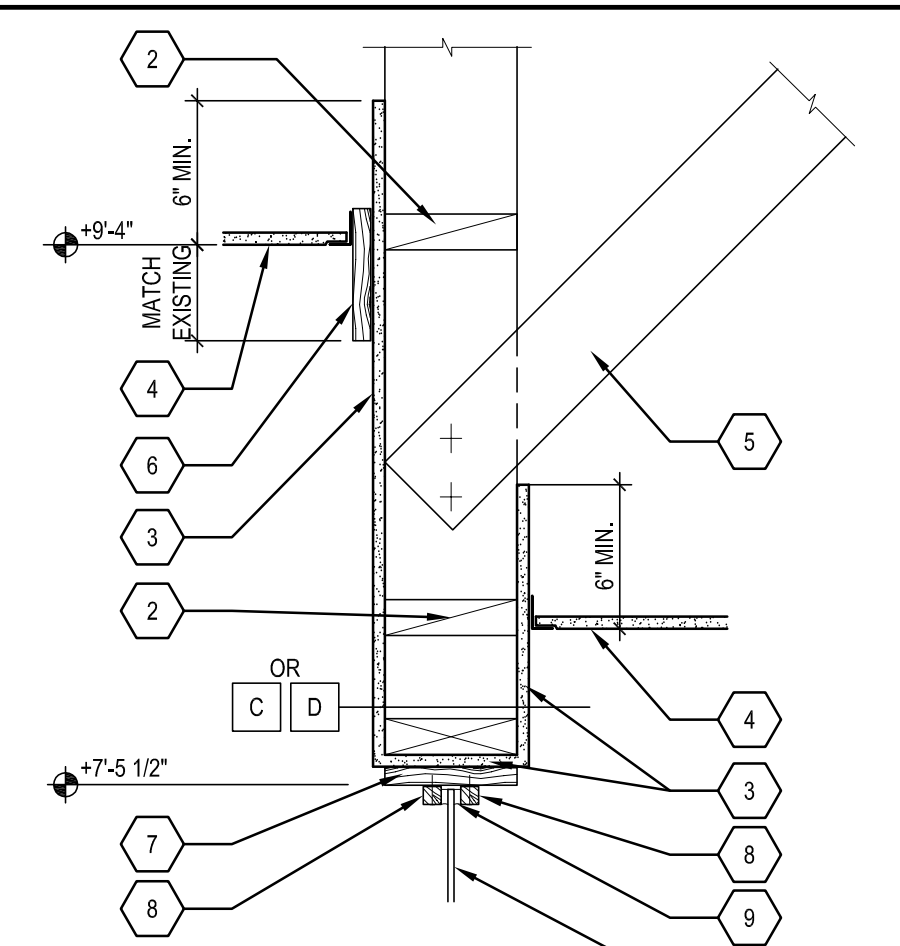
**D4 BEAM DETAIL**  
 SCALE: 3" = 1'-0"



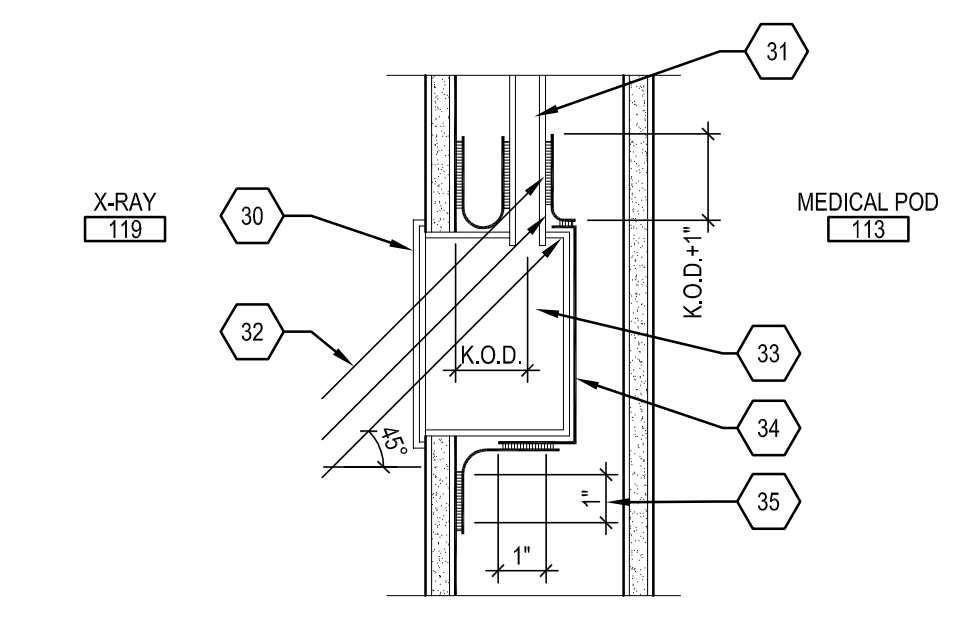
**D3 SILL DETAIL**  
 SCALE: 3" = 1'-0"



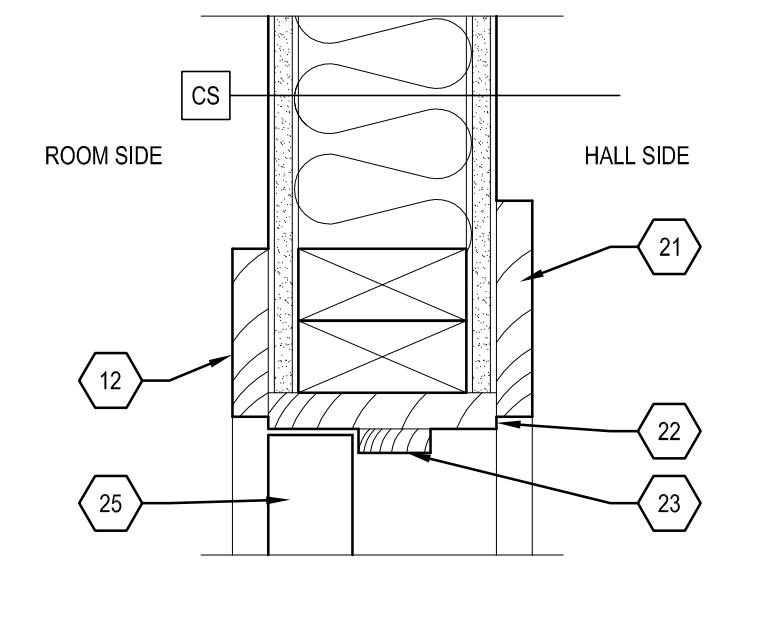
**D2 SOFFIT**  
 SCALE: 1-1/2" = 1'-0"



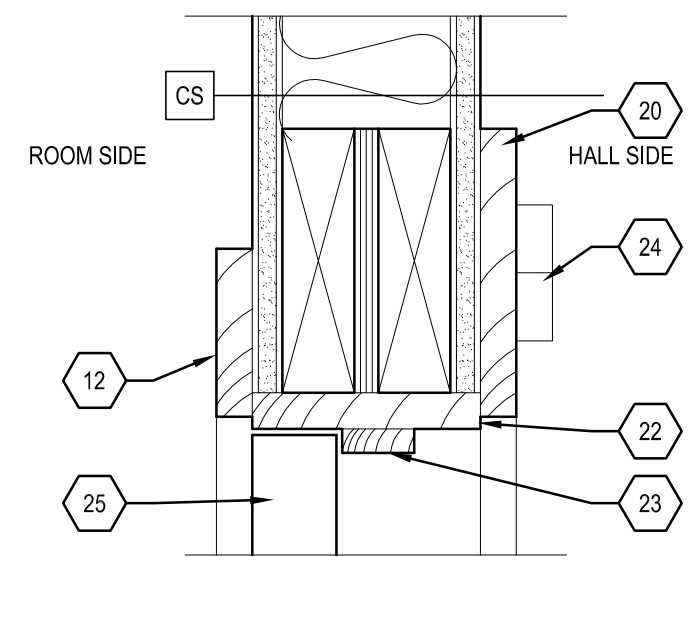
**D1 SOFFIT DETAIL**  
 SCALE: 1-1/2" = 1'-0"



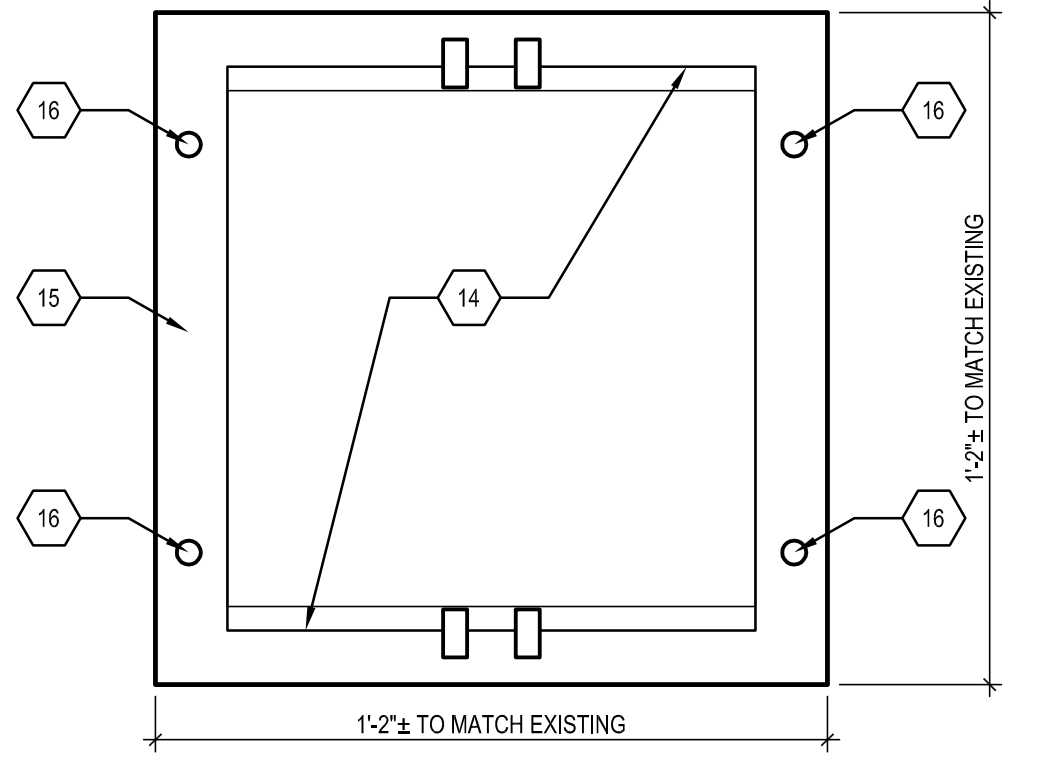
**C4 JUNCTION BOX SHIELDING AT X-RAY 119**  
 SCALE: 3" = 1'-0"



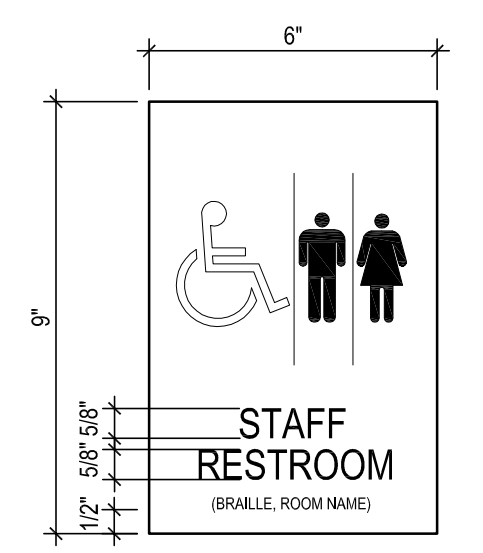
**C3 DOOR JAMB**  
 SCALE: 3" = 1'-0"



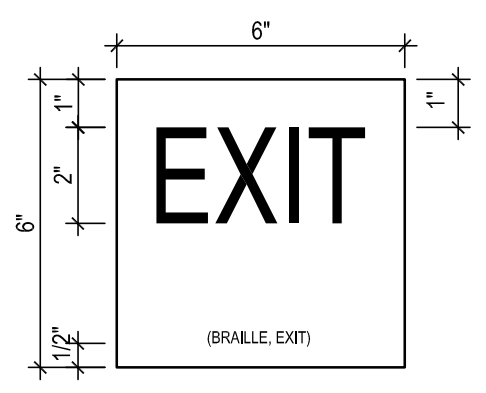
**C2 DOOR HEAD**  
 SCALE: 3" = 1'-0"



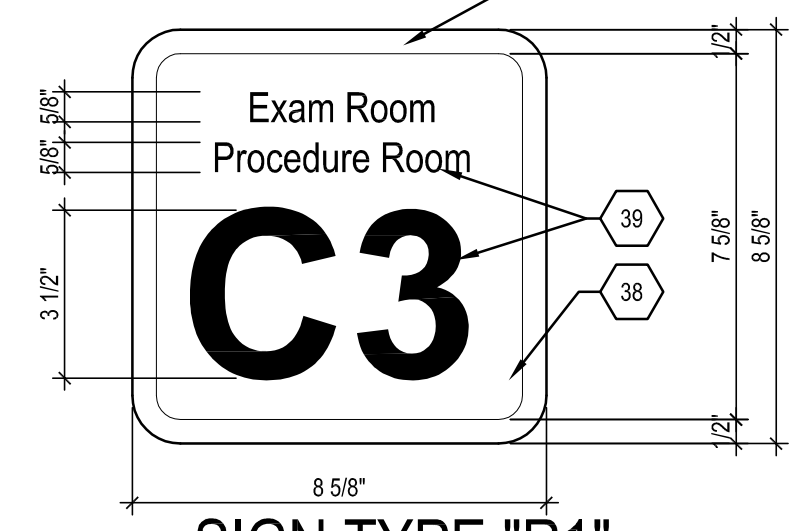
**C1 SCONCE ELEVATION**  
 SCALE: 3" = 1'-0"



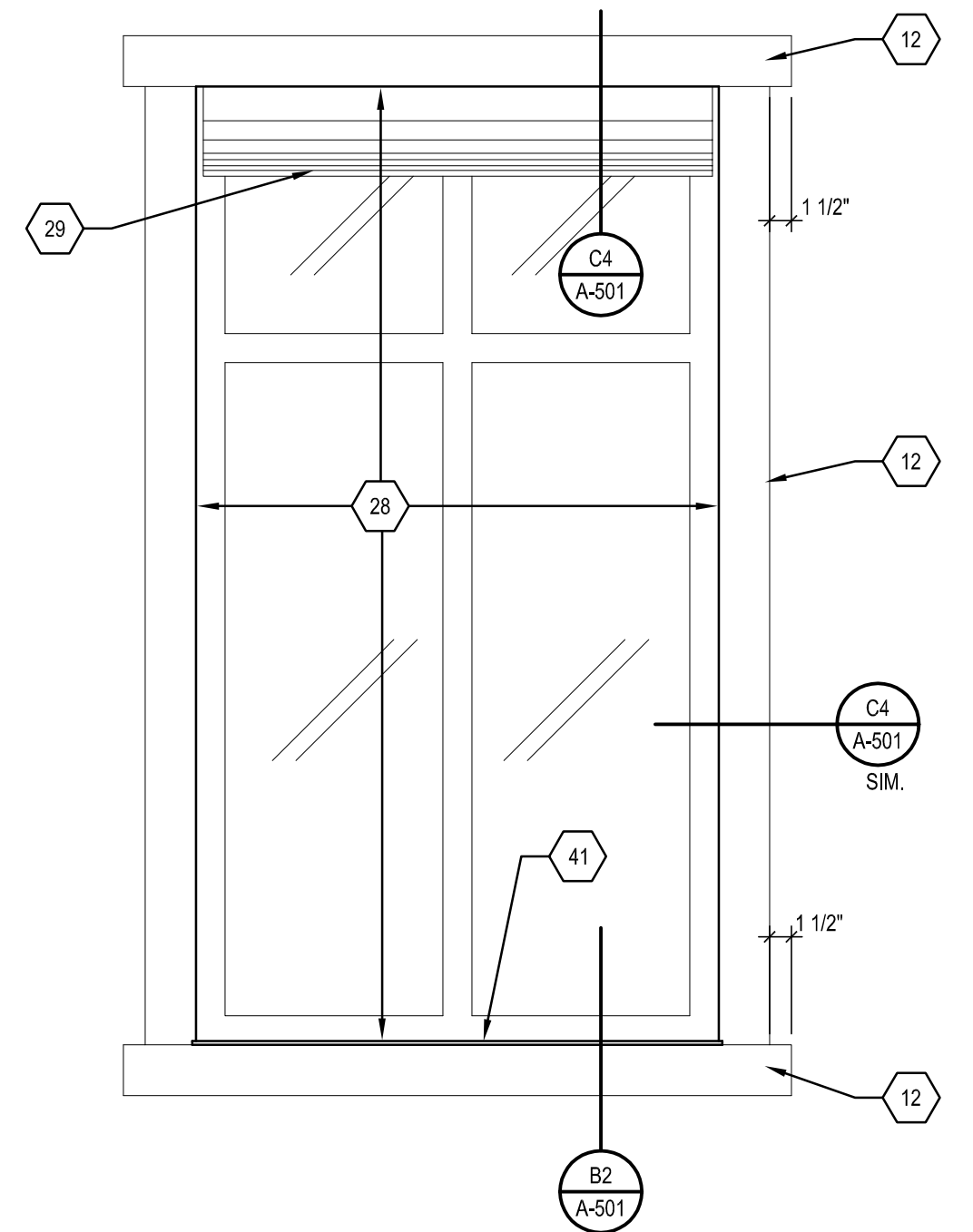
**B6 SIGN TYPE "R3"**  
 SCALE: 3" = 1'-0"



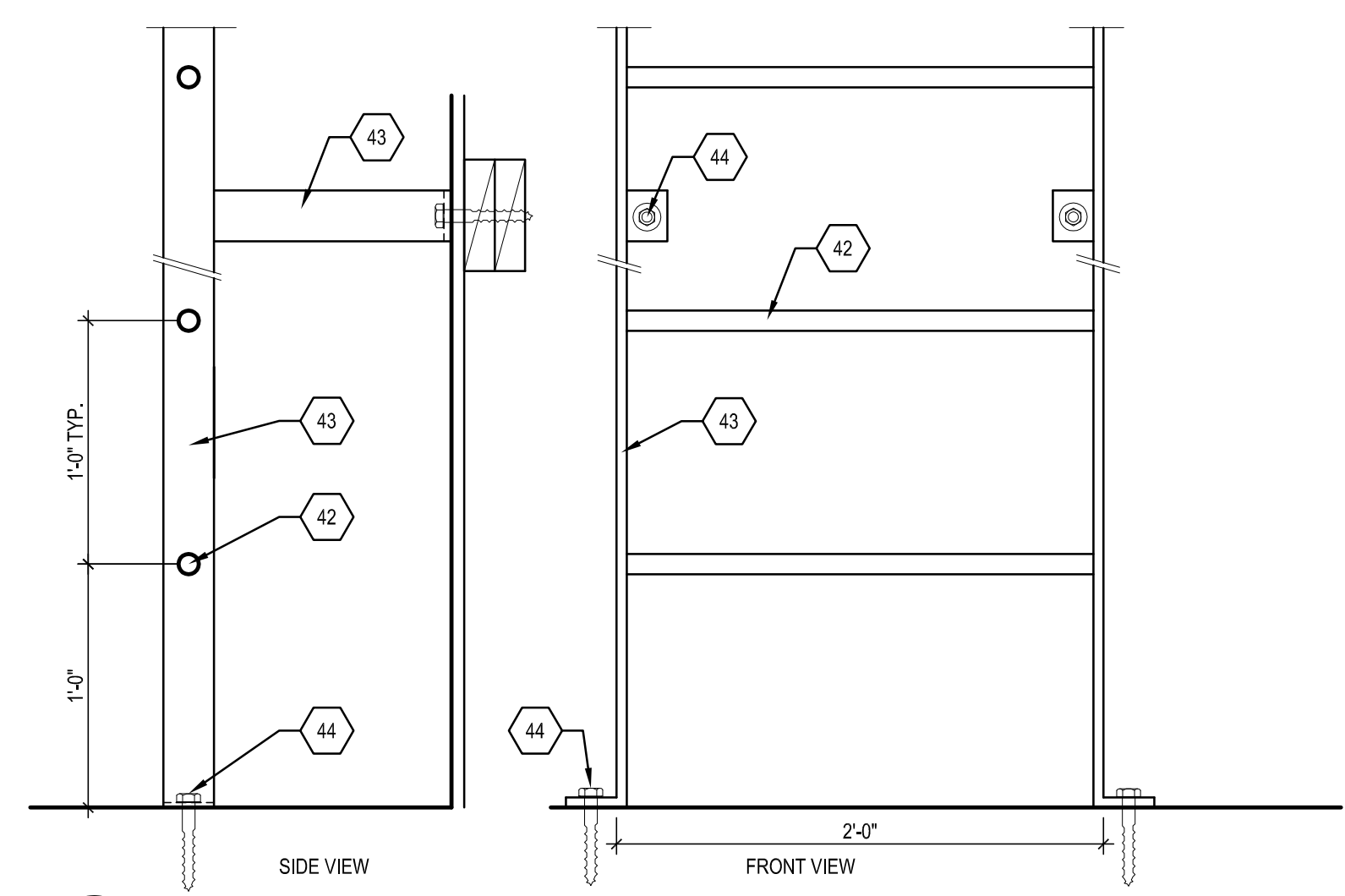
**B5 SIGN TYPE "R2"**  
 SCALE: 3" = 1'-0"



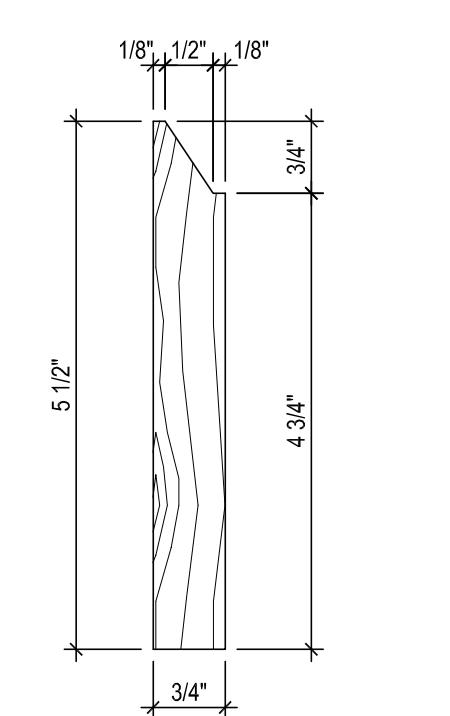
**B4 SIGN TYPE "R1" (MATCH EXISTING)**  
 SCALE: 3" = 1'-0"



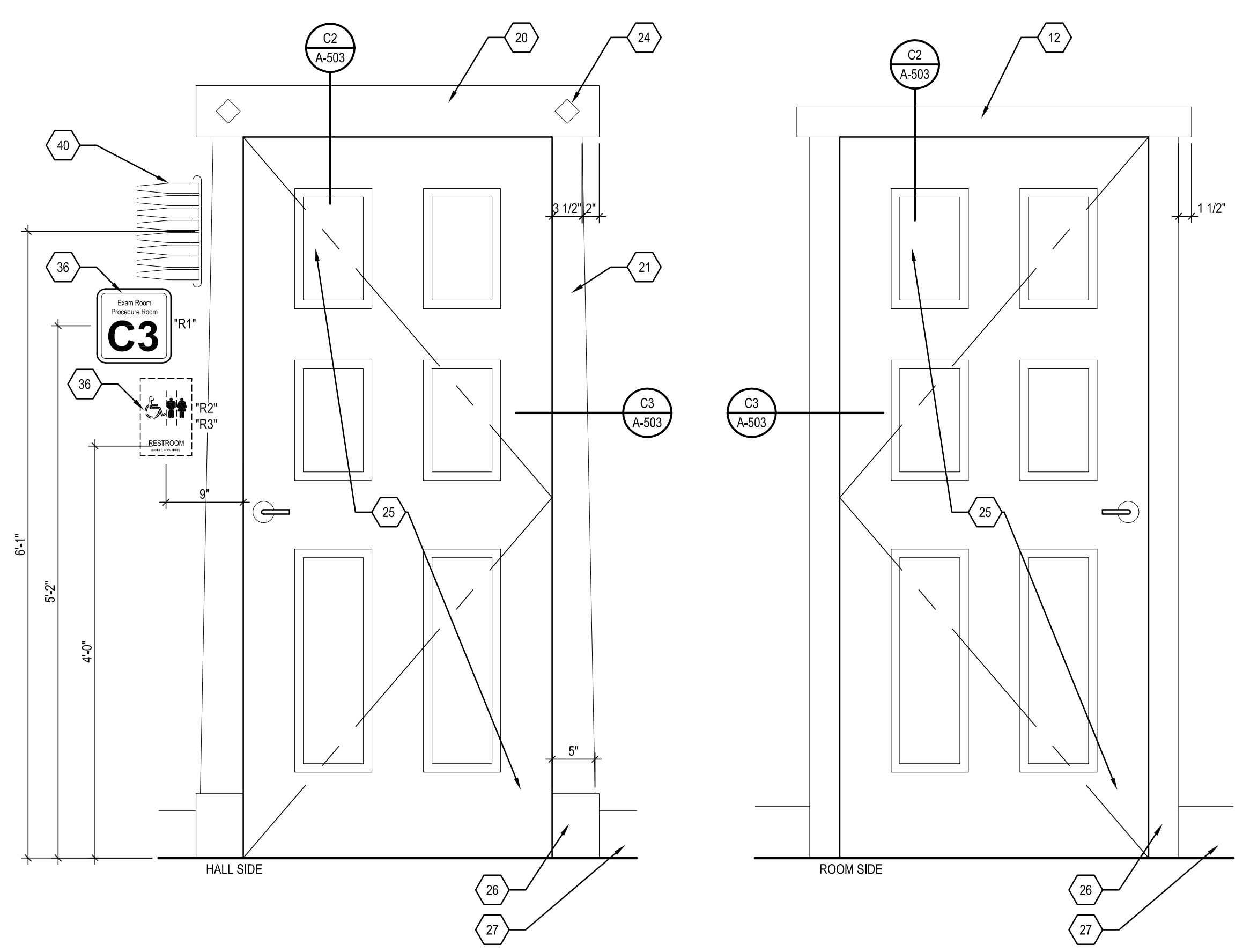
**A3 WINDOW ELEVATION**  
 SCALE: 1" = 1'-0"



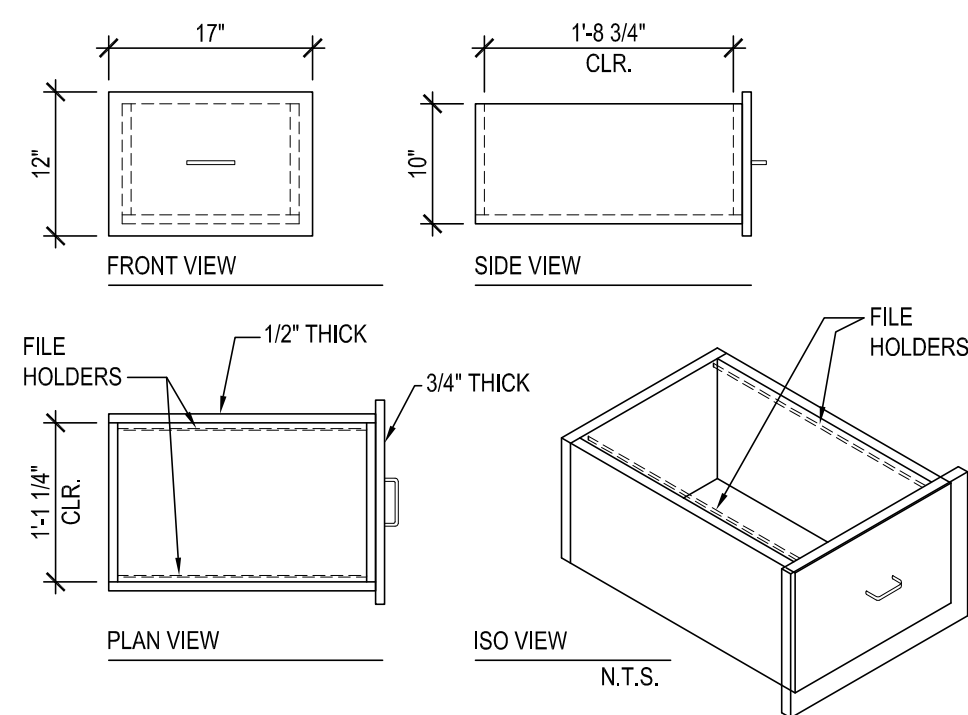
**A4 LADDER**  
 SCALE: 1-1/2" = 1'-0"



**A5 HARDWOOD WALL BASE**  
 SCALE: 6" = 1'-0"  
 VERIFY AND MATCH EXISTING WALL BASE DIMENSIONS

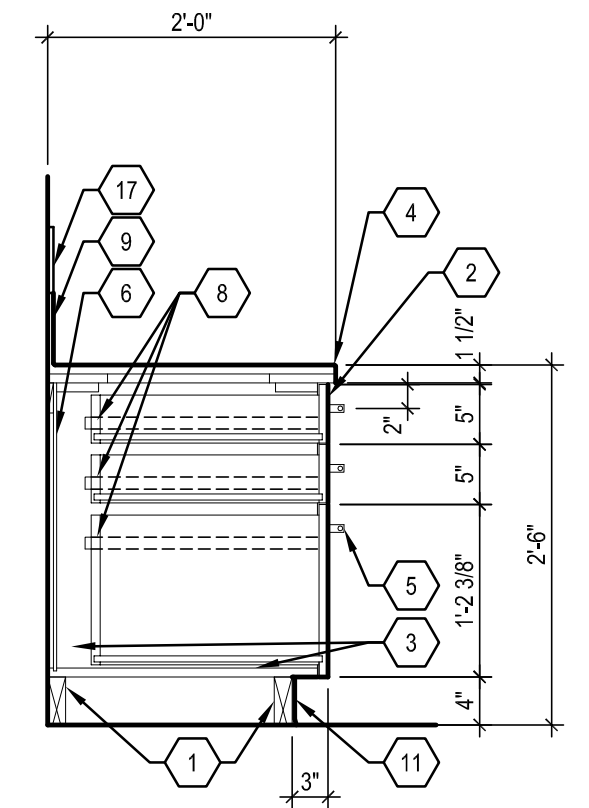


**A1 DOOR ELEVATIONS**  
 SCALE: 1" = 1'-0"

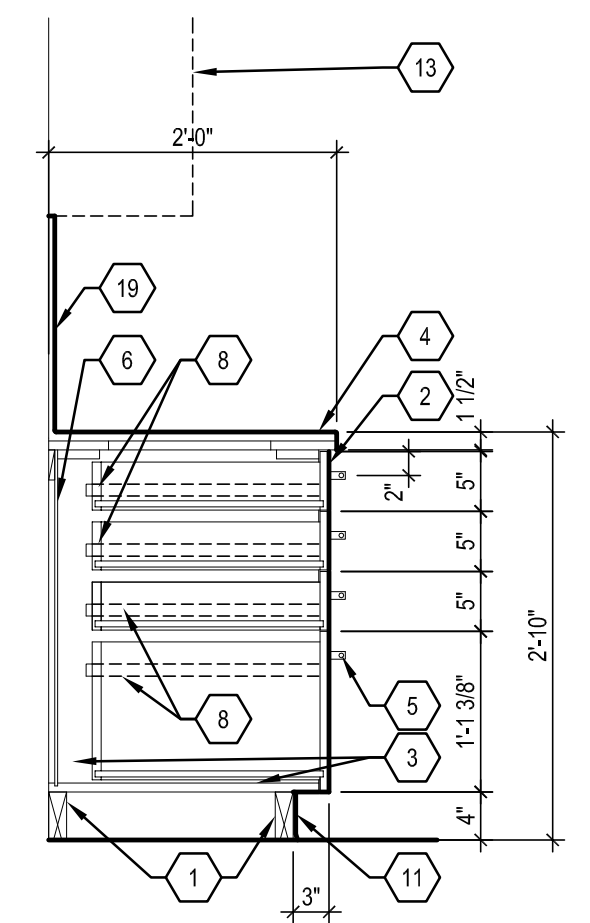


**D1 FILE DRAWER - TYPICAL**  
SCALE: 3/4" = 1'-0"

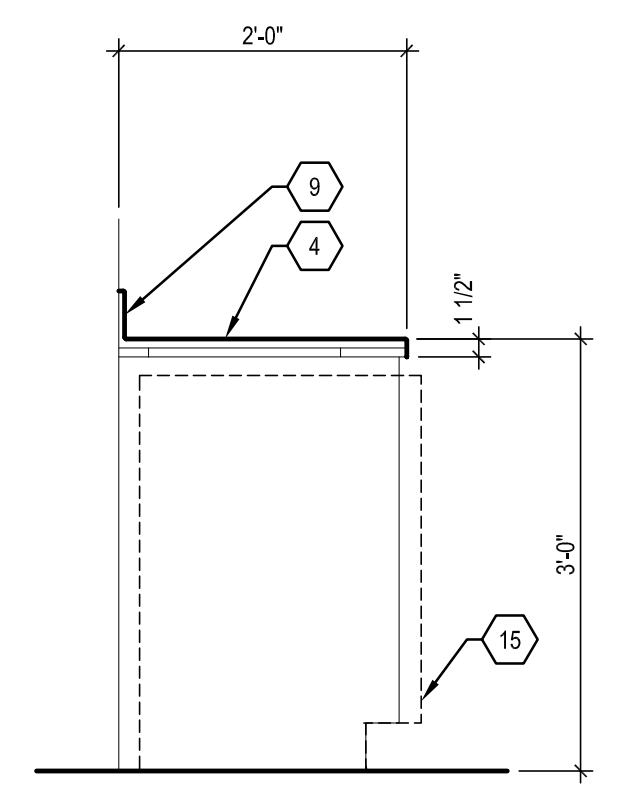
NOTE: PROVIDE FILE BAR AND HOLDER RAIL AS MANUFACTURED BY FUTABA INC. #6120 FILE BAR HOLDER WITH 44\"/>



**D2 BASE CABINET W/DRAWERS**  
SCALE: 3/4" = 1'-0"



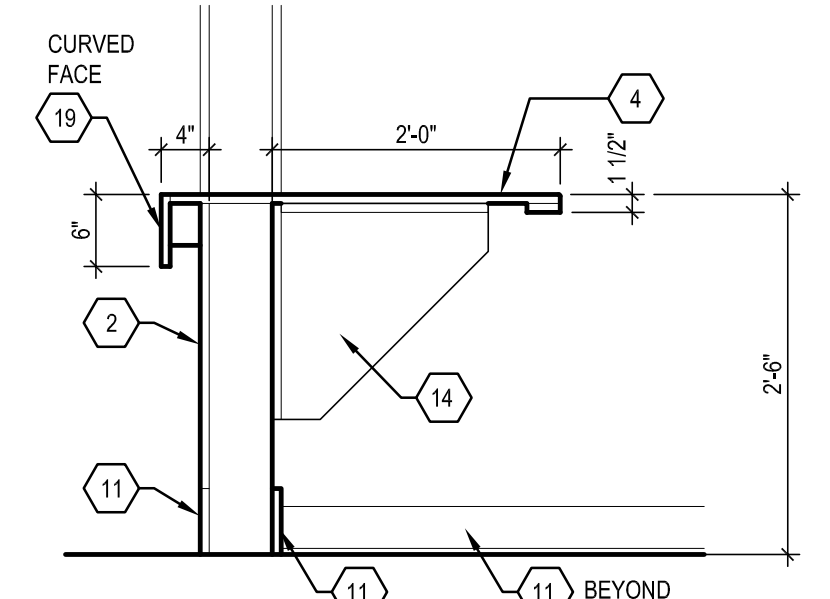
**D3 BASE CABINET W/DRAWERS**  
SCALE: 3/4" = 1'-0"



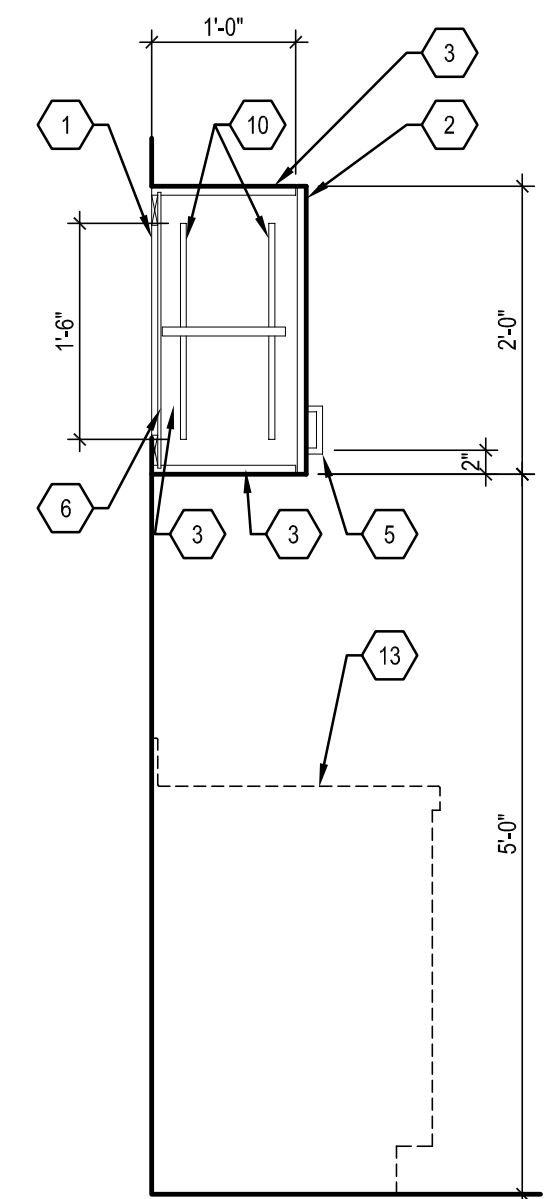
**D4 COUNTER - DISHWASHER**  
SCALE: 3/4" = 1'-0"

**SHEET KEYNOTES**

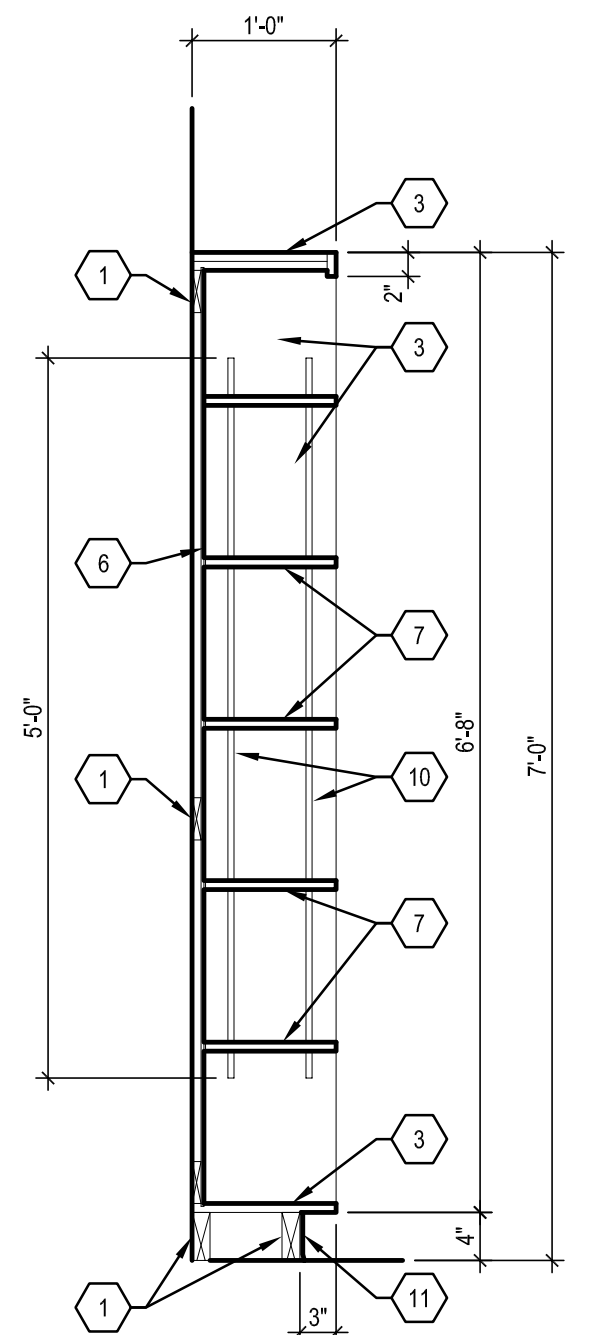
1. 2x STUD FRAMING AND BLOCKING AS REQUIRED, COORDINATE WITH EQUIPMENT / CASEWORK.
2. 3/4\"/>



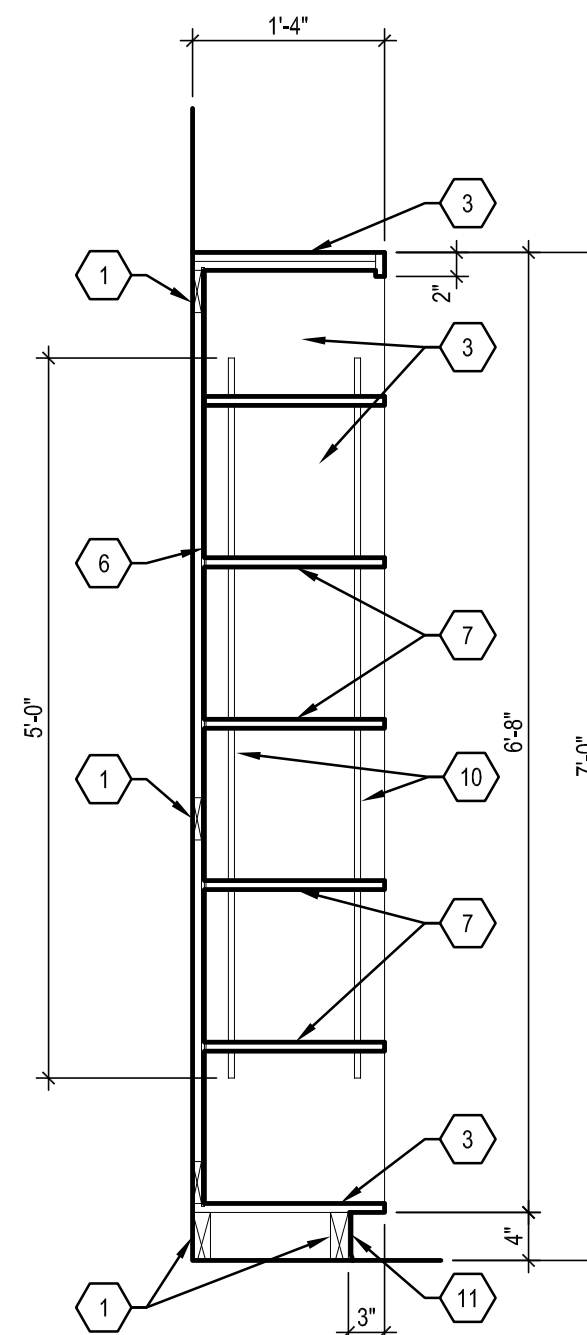
**C4 CHECK-OUT COUNTER**  
SCALE: 3/4" = 1'-0"



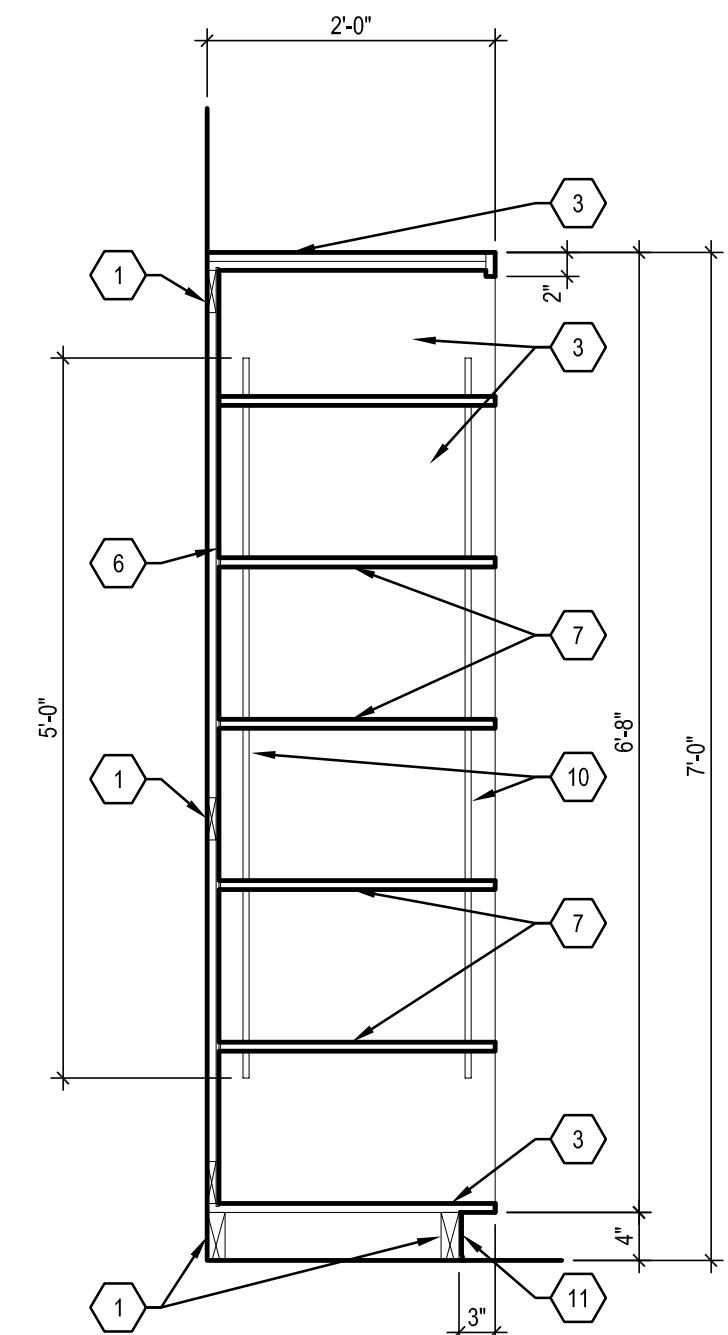
**B5 UPPER CABINET SECTION**  
SCALE: 3/4" = 1'-0"



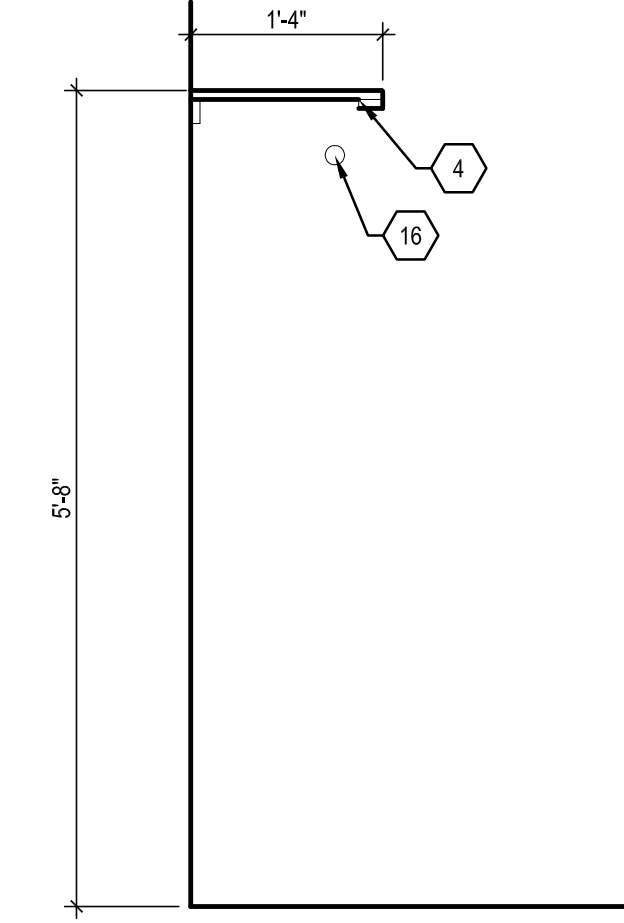
**B1 FULL HEIGHT OPEN SHELVES**  
SCALE: 3/4" = 1'-0"



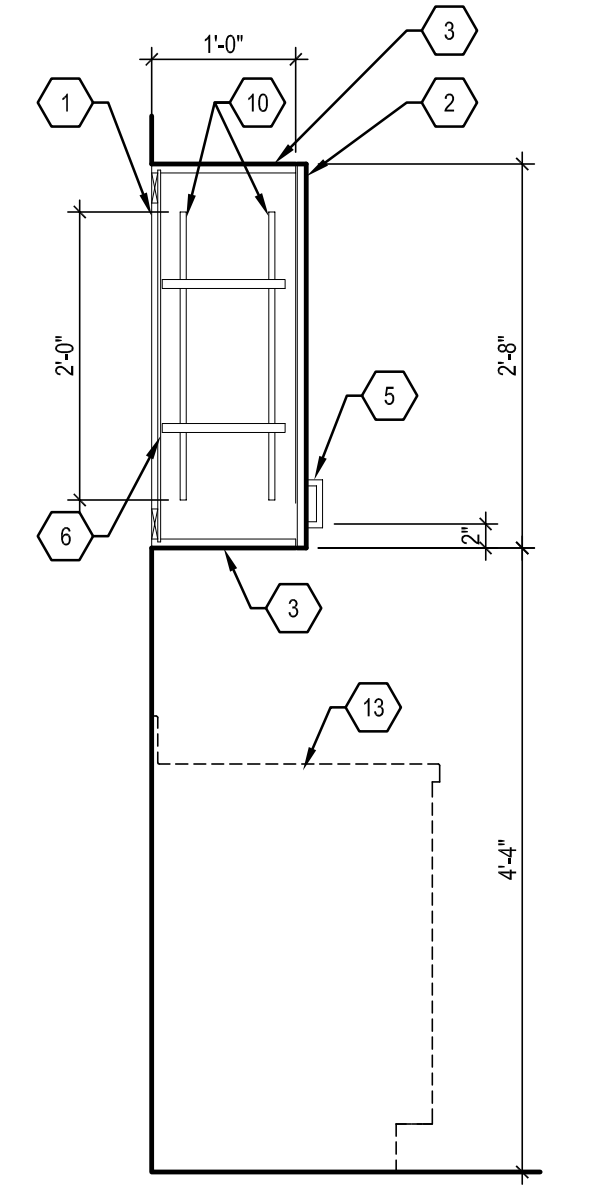
**B2 FULL HEIGHT OPEN SHELVES**  
SCALE: 3/4" = 1'-0"



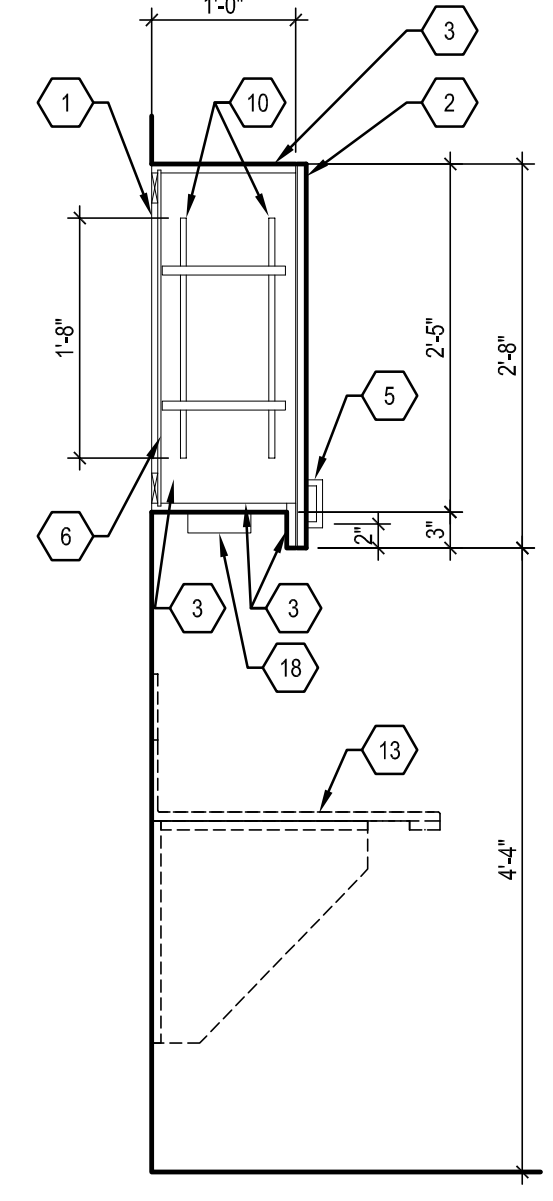
**B3 FULL HEIGHT OPEN SHELVES**  
SCALE: 3/4" = 1'-0"



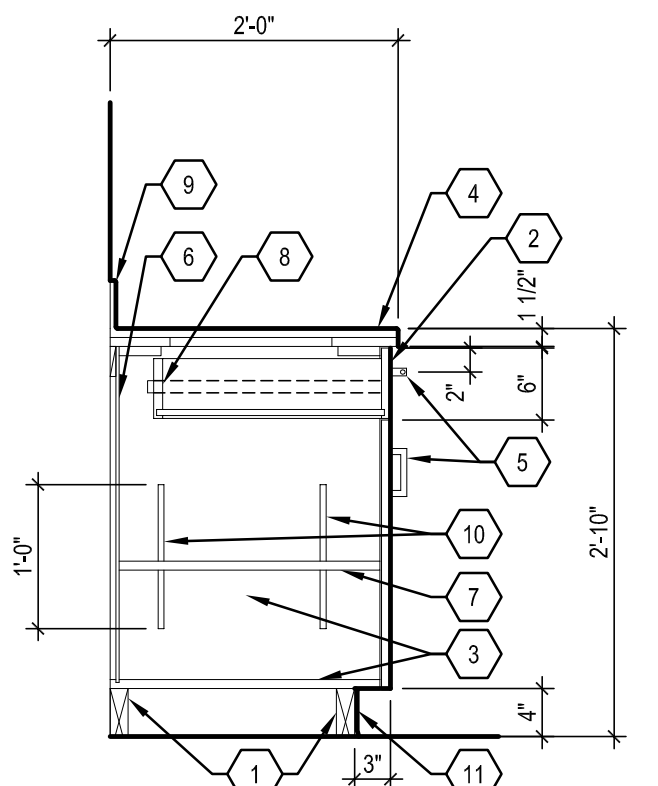
**B4 COAT RACK**  
SCALE: 3/4" = 1'-0"



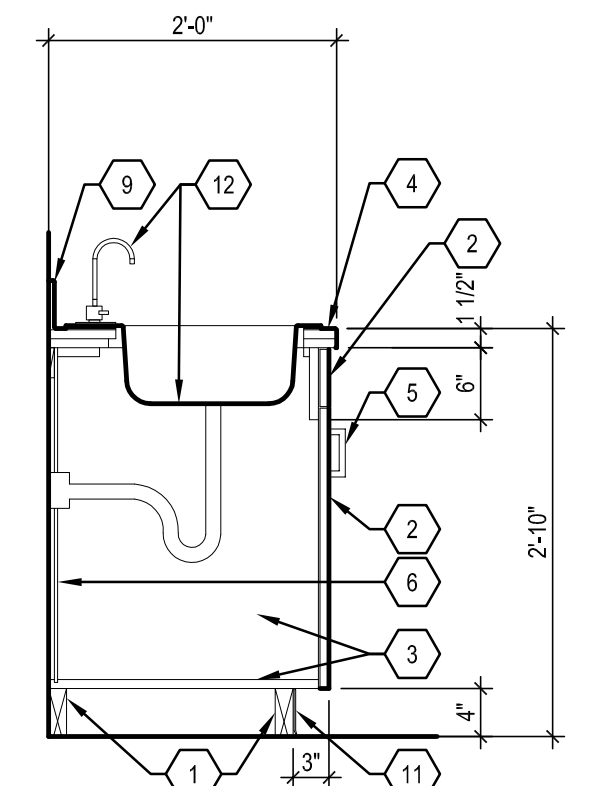
**A4 UPPER CABINET SECTION**  
SCALE: 3/4" = 1'-0"



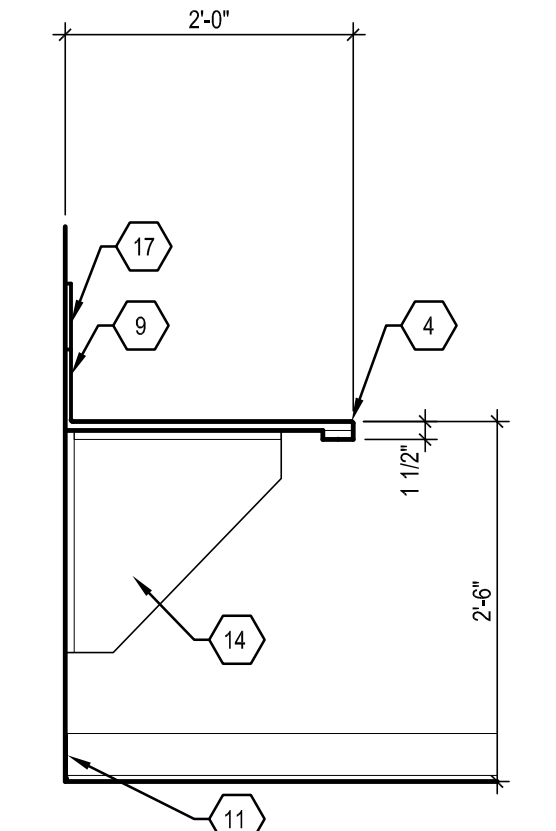
**A5 UPPER CABINET SECTION**  
SCALE: 3/4" = 1'-0"



**A1 BASE CABINET WITH DRAWER**  
SCALE: 3/4" = 1'-0"

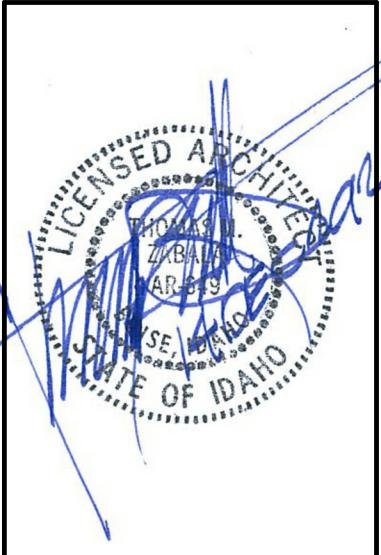


**A2 BASE CABINET SECTION - SINK**  
SCALE: 3/4" = 1'-0"



**A3 COUNTER**  
SCALE: 3/4" = 1'-0"

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DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET:  
**A-504**  
CASEWORK  
DETAILS

ROOM FINISH SCHEDULE

Table with columns for ROOM NUMBER, ROOM NAME, FLOORS, WALLS (North, South, East, West), CEILING, WINDOW, and REMARKS. It lists various rooms like Patient Toilet, Hall, Check-out, Exam, Medical Pod, etc., with their respective finish materials and wall types.

ROOM FINISH SCHEDULE NOTES  
1. COVERED BASE AT CASEWORK TOE KICK.

MATERIALS KEY

Table with columns for TYPE, DESCRIPTION, MANUFACTURER, and SUPPLIER. It lists materials such as cultured stone veneer, carpet, cellular shade, ceramic tile, paint, plastic laminate, and floor covering.

DOOR SCHEDULE

Table with columns for NUMBER, SIZE, DOOR (Type, Thickness, Material, Facing/Finish, Glazing), FRAME (Type, Material, Finish), DETAILS ON DRAWING (Head, Jamb), FIRE RATING, HARDWARE GROUP, SIGNAGE, and REMARKS. It lists doors for Reception, Exam, Dirty Storage, Staff Toilet, Business Conference, etc.

DOOR SCHEDULE NOTES  
1. CHANGE SWING OF EXISTING DOOR AS SHOWN. REPLACE JAMB WITH NEW TRIM. STAIN TO MATCH EXISTING JAMBS AND HEADS.  
2. REMOVE CAREFULLY AND PROTECT DOOR, SIDELIGHT, FRAME & TRIM FOR REINSTALLATION AT DOORWAY 160A, REFINISH AS NECESSARY UPON RE-INSTALLATION  
3. FROSTED GLASS DESIGN PER OWNER.  
4. BUILT-UP DOOR FRAMES AND TRIM. SEE A1/A-503.

DOOR SCHEDULE ABBREVIATIONS

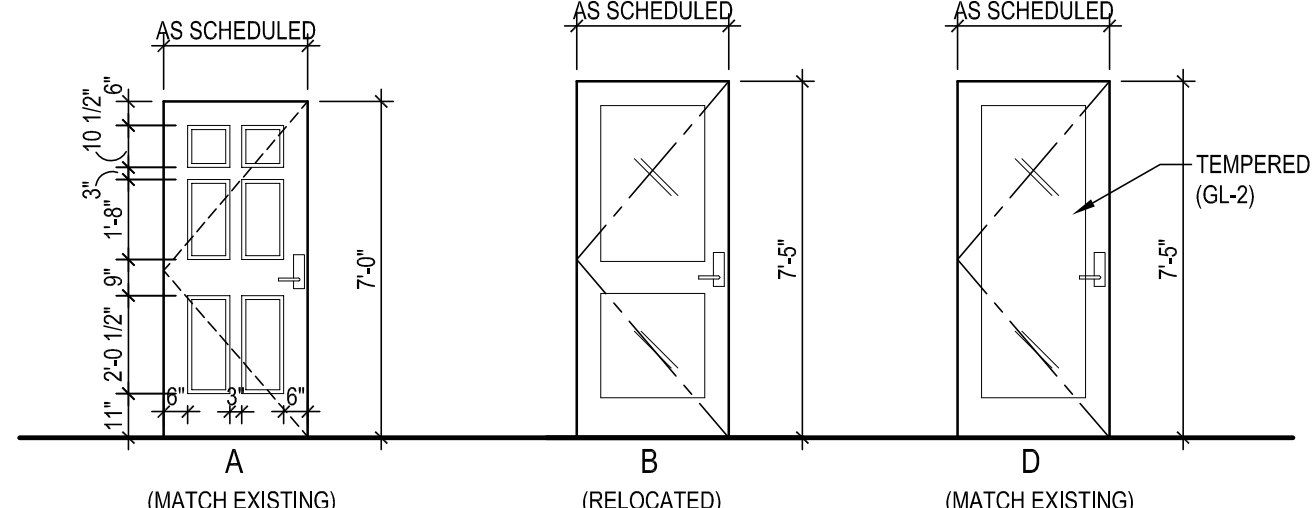
Table with columns for Abbreviation and Description: WD WOOD, LS LIGHT STAIN, DS DARK STAIN, P PAINT.

DOOR AND FRAME NOTES

- 1. PROVIDE BACKING IN WALLS AT WALL MOUNTED DOOR STOPS  
2. ALL GLAZING IN DOORS SHALL BE TEMPERED SAFETY GLAZING

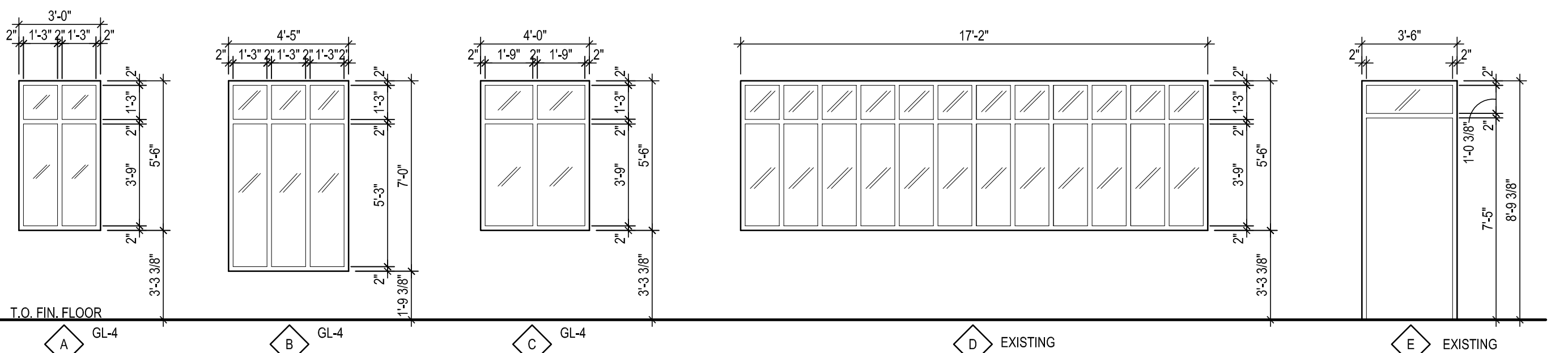
INTERIOR SIGNAGE SCHEDULE

Table with columns for DOOR, TYPE, MESSAGE (VERIFY WITH OWNER), and MATERIAL. It lists signage for Reception, Exam, Exit, Dirty Storage, Conference, etc.



DOOR TYPES

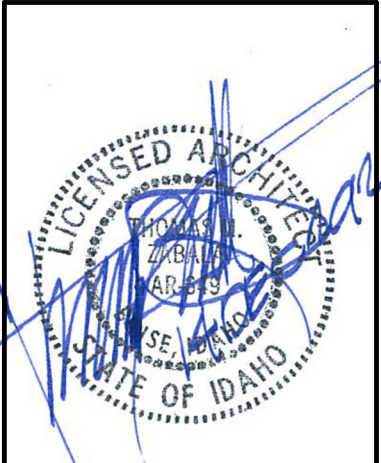
SCALE: 1/4" = 1'-0"



ALUMINUM STOREFRONT FRAME TYPES

SCALE: 1/4" = 1'-0"

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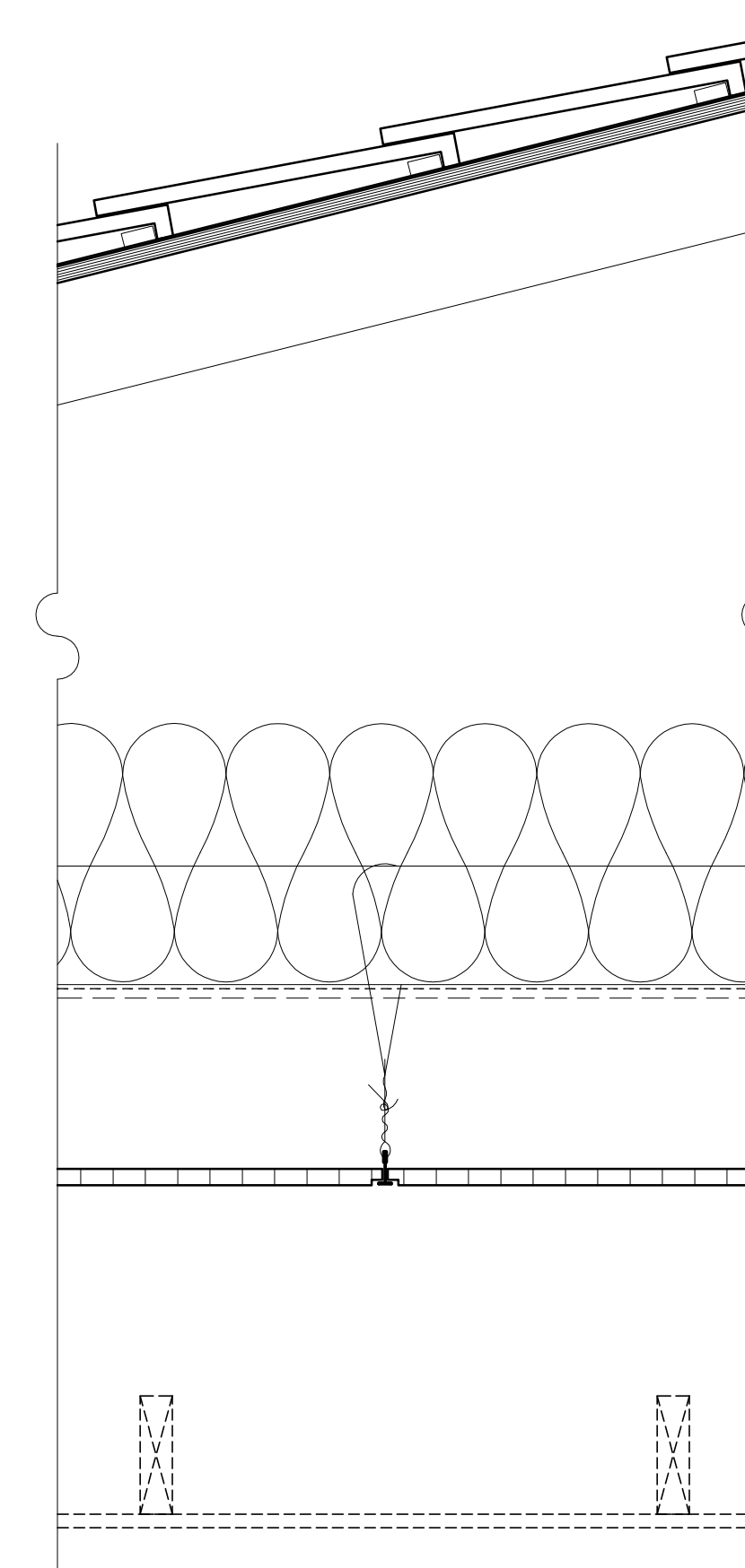
DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET:  
**A-601**  
ROOM FINISH SCHEDULE  
DOOR SCHEDULE

# WALL ASSEMBLIES

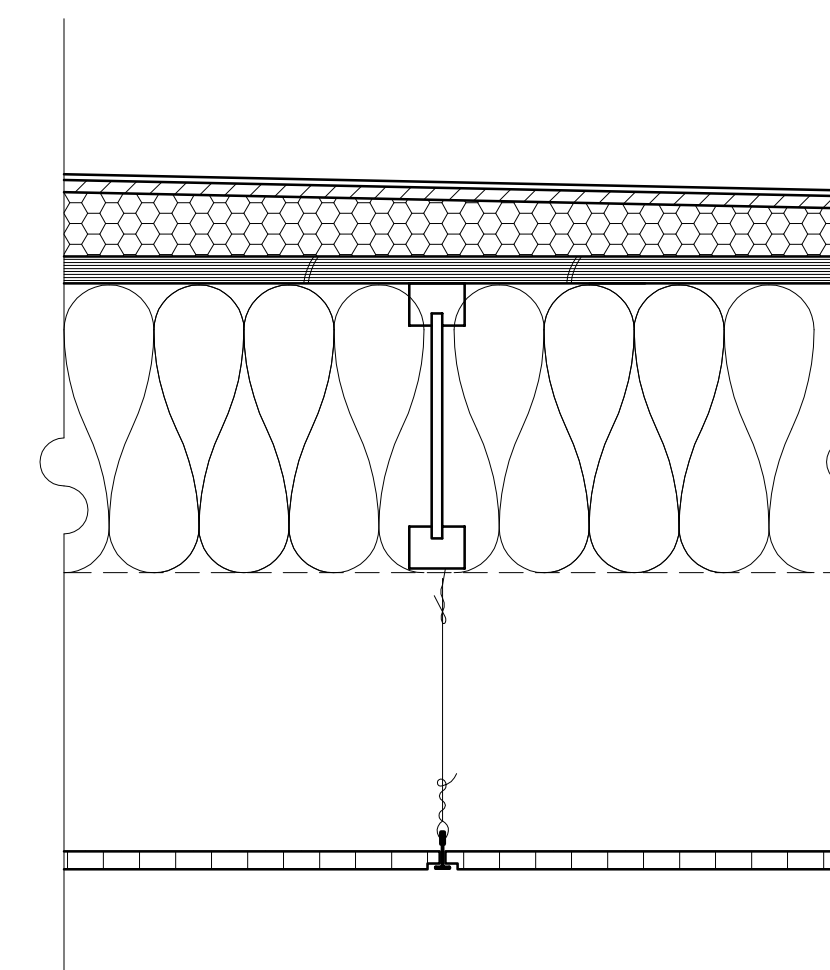
SYMBOL	DETAIL	DESCRIPTION	WALL HEAD TERMINATION
<b>A</b> LOAD-BEARING COMBUSTIBLE NON-RATED		ACMV STONE, FULLY BUTTERED, DRY JOINTS 1/2" MORTAR 1/2" SCRATCH COAT MORTAR W/ LATH AT C.L. (2) LAYERS WEATHER BARRIER 1/2" PLYWOOD OR OSB SHEATHING 2x6 DF-L #2 STUDS AT 16" O.C. 5-1/2" (R-21) GLASS FIBER BLANKET INSULATION VAPOR RETARDER 5/8" GYPSUM BOARD	EXTERIOR LOAD BEARING
<b>B</b> LOAD-BEARING COMBUSTIBLE NON-RATED		EIFS SYSTEM WITH 1-1/2" OR 3" RIGID INSULATION TO MATCH EXIST. (VERIFY) (1) LAYER WEATHER BARRIER 1/2" PLYWOOD OR OSB SHEATHING 2x6 DF-L #2 STUDS AT 16" O.C. 5-1/2" (R-21) GLASS FIBER BLANKET INSULATION VAPOR RETARDER 5/8" GYPSUM BOARD	EXTERIOR LOAD BEARING
<b>C</b> NON LOAD-BEARING COMBUSTIBLE NON-RATED		5/8" GYPSUM BOARD 2x4 DF-L STUD OR CONST. STUDS AT 16" O.C. 5/8" GYPSUM BOARD	FULL HEIGHT TO STRUCTURE SEE DETAIL 4/S-502 PARTIAL HEIGHT AT PODS WHERE SHOWN IN ELEVATIONS
<b>CS</b> NON LOAD-BEARING COMBUSTIBLE NON-RATED		5/8" GYPSUM BOARD 2x4 DF-L STUD OR CONST. STUDS AT 16" O.C. 3-1/2" GLASS FIBER SOUND ATTENUATION BATT 5/8" GYPSUM BOARD	FULL HEIGHT TO STRUCTURE SEE DETAIL 4/S-502
<b>D</b> NON LOAD-BEARING COMBUSTIBLE NON-RATED		5/8" GYPSUM BOARD 2x6 DF-L # 2 STUDS AT 16" O.C. 5/8" GYPSUM BOARD	FULL HEIGHT TO STRUCTURE SEE DETAIL 4/S-502 PARTIAL HEIGHT AT PODS WHERE SHOWN IN ELEVATIONS
<b>DS</b> NON LOAD-BEARING COMBUSTIBLE NON-RATED		5/8" GYPSUM BOARD 2x6 DF-L # 2 STUDS AT 16" O.C. 3-1/2" GLASS FIBER SOUND ATTENUATION BATT 5/8" GYPSUM BOARD	FULL HEIGHT TO STRUCTURE SEE DETAIL 4/S-502
<b>ES</b> LOAD-BEARING COMBUSTIBLE NON-RATED		5/8" GYPSUM BOARD 1/2" PLYWOOD OR OSB SHEATHING 2x6 DF-L # 2 STUDS AT 16" O.C. 3-1/2" GLASS FIBER SOUND ATTENUATION BATT 5/8" GYPSUM BOARD	FULL HEIGHT TO STRUCTURE
<b>FS</b> LOAD-BEARING COMBUSTIBLE NON-RATED 50 STC MIN. PER BBN-760903		5/8" GYPSUM BOARD 1/2" PLYWOOD OR OSB SHEATHING 2x6 DF-L # 2 STUDS AT 16" O.C. 3-1/2" GLASS FIBER SOUND ATTENUATION BATT 7/8" RESILIENT CHANNEL 5/8" GYPSUM BOARD	FULL HEIGHT TO STRUCTURE

**RF1**  
COMBUSTIBLE  
NON-RATED



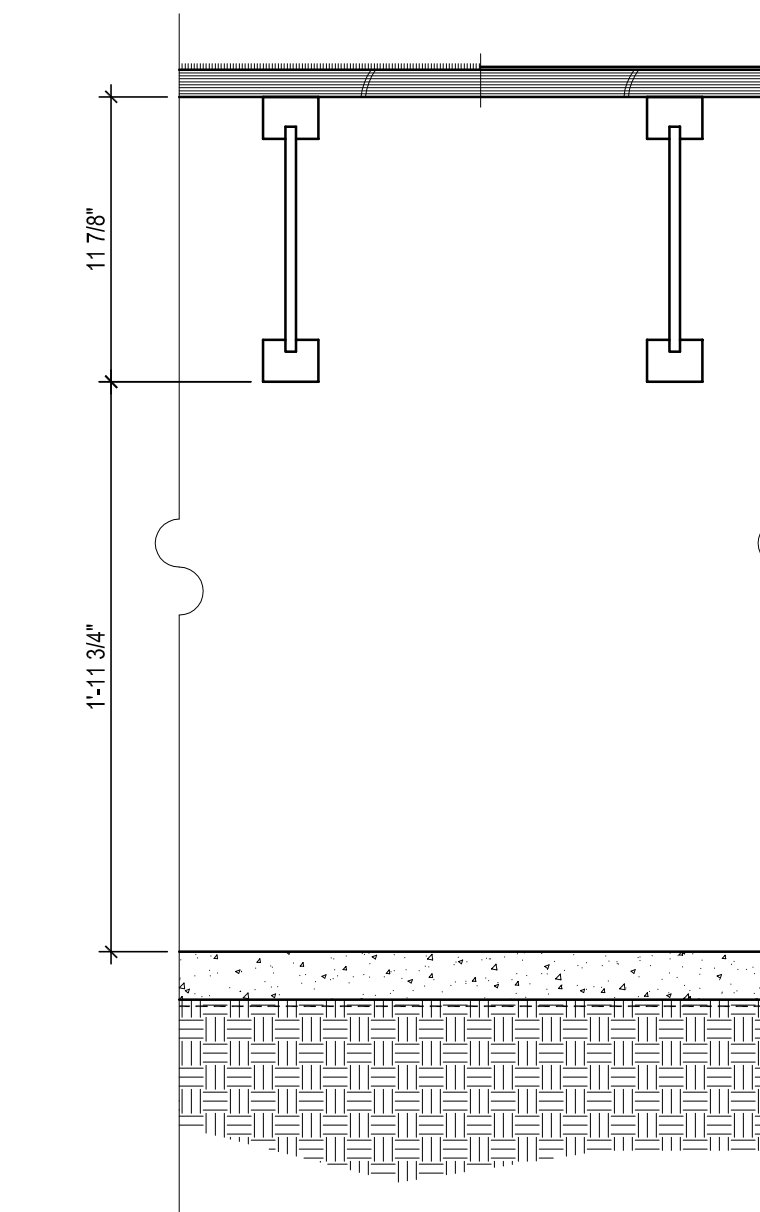
NORMAL WEIGHT CONCRETE TILE, SINGLE LAYER BATTEN  
SPACED FOR DRAINING  
(1) LAYER ASTM D226 TYPE II NO. 30 BUILDING FELT,  
SELF-ADHERING MEMBRANE WHERE SHOWN ON SHEET A-104  
ROOF SHEATHING  
SHOP-FABRICATED WOOD TRUSSES AT 24" O.C.  
R-38 GLASS FIBER BATT INSULATION  
REINFORCED VAPOR RETARDER, FASTENED TO BOTTOM SIDE  
OF TRUSS AND TAPED.  
SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM OR 2x6  
DF-#2 CEILING JOISTS AT 24" O.C. WITH 5/8" GYPSUM BOARD  
OR 5/8" GYPSUM BOARD FASTENED DIRECTLY TO UNDERSIDE  
OF TRUSS.

**RF2**  
COMBUSTIBLE  
NON-RATED



SINGLE PLY MEMBRANE ROOFING  
PROTECTION BOARD  
TAPERED EPS RIGID INSULATION, MIN. 2" THICKNESS  
ROOF SHEATHING  
MANUFACTURED WOOD ROOF JOISTS  
R-38 GLASS FIBER BATT INSULATION  
REINFORCED VAPOR RETARDER, FASTENED TO  
BOTTOM SIDE OF ROOF JOISTS, ALL SEAMS AND  
OPENINGS TAPED AND SEALED  
SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM

**FL1**  
COMBUSTIBLE  
NON-RATED



FLOOR FINISH PER ROOM FINISH SCHEDULE  
1-1/8" T&G PLYWOOD FLOOR  
MANUFACTURED WOOD FLOOR JOISTS  
2" UNREINFORCED CONCRETE SLAB  
15 MIL VAPOR RETARDER, ALL SEAMS AND OPENINGS  
TAPED AND SEALED  
4" DRAINAGE COURSE, 3/4"+ CRUSHED AGGREGATE  
COMPACTED FILL MATERIAL

REVISIONS

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DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET:  
**A-602**  
WALL, FLOOR AND  
ROOF ASSEMBLIES

GENERAL SHEET NOTES

A. SEE SHEET A-601 FOR FINISH SCHEDULES.

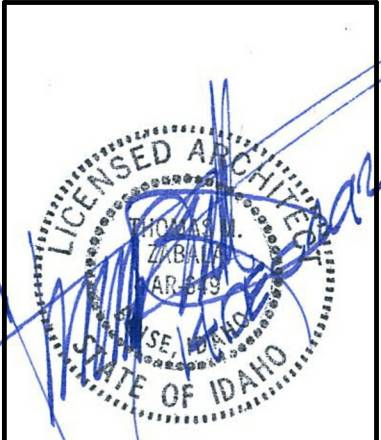
SHEET KEYNOTES

1. TRANSITION PER WOOD FLOOR MANUFACTURER.
2. TRANSITION PER TILE SPECIFICATIONS

LEGEND

CG<sup>L</sup> CORNER GUARD

REVISIONS

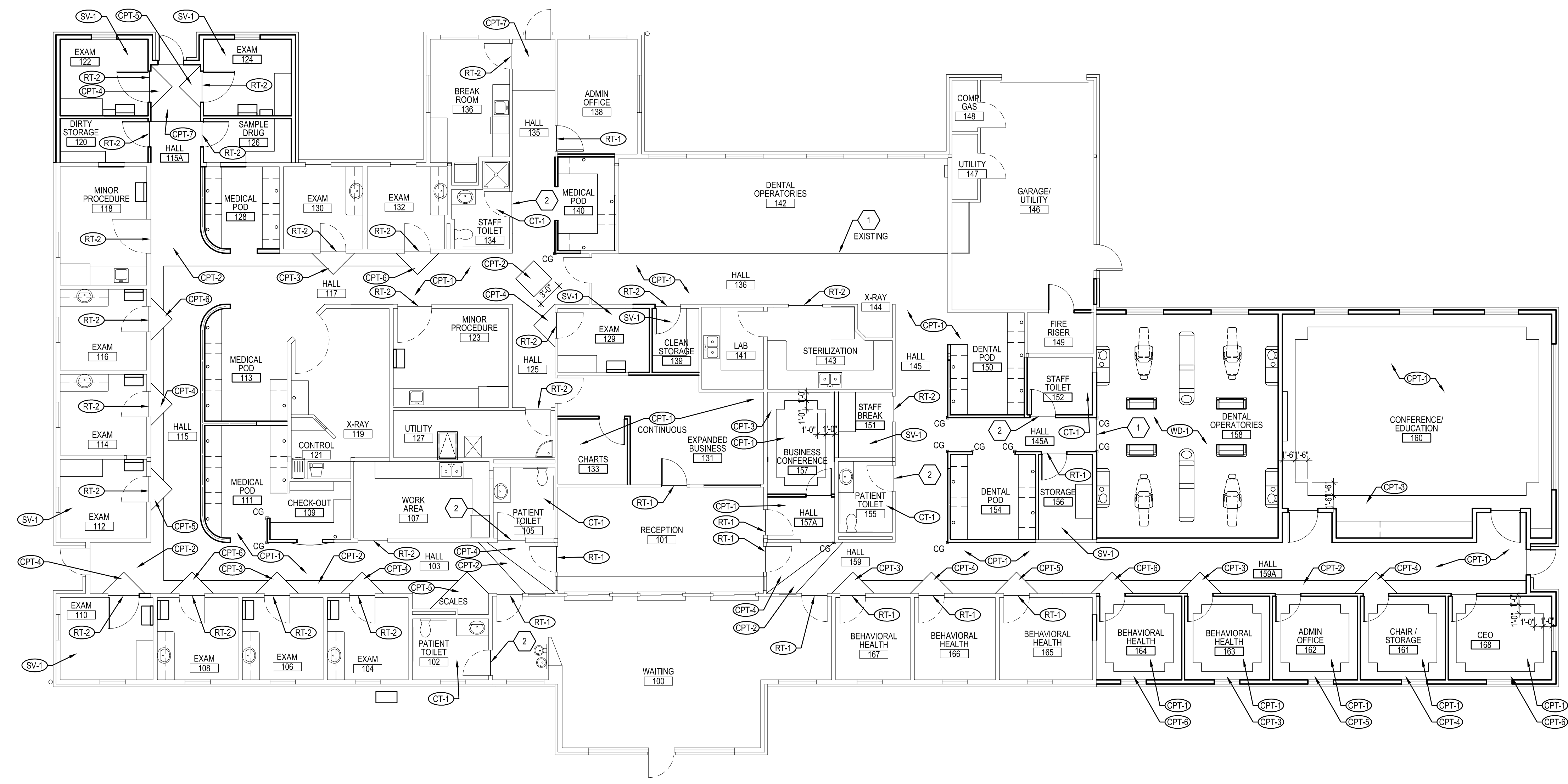


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**DESERT SAGE HEALTH CENTER  
 ADDITION AND REMODEL**  
 MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
 PROJECT NO: 1226.00

SHEET:  
**A-701**  
 FINISH PLAN



**FLOOR FINISH PLAN**  
 SCALE: 1/8" = 1'-0"



## MECHANICAL ABBREVIATIONS

A/C or AC	AIR CONDITIONING	IFGC	INTERNATIONAL FUEL GAS CODE
AFF	ABOVE FINISHED FLOOR	IMC	INTERNATIONAL MECHANICAL CODE
AHU	AIR HANDLING UNIT	IPC	INTERNATIONAL PLUMBING CODE
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR CONDITIONING ENGINEERS	KW	KILOWATT
AV	ACID VENT LINE	KWH	KILOWATT HOUR
AW	ACID WASTE LINE	L	LIQUID REFRIGERANT LINE
BTU	BRITISH THERMAL UNITS	LAV	LAVATORY
BTUH	BTUS PER HOUR	LEED	LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN
CA	COMBUSTION AIR	LWT	LEAVING WATER TEMPERATURE
CC	COOLING COIL	M	MOTORIZED DAMPER
CD	CONDENSATE DRAIN LINE	MAX	MAXIMUM
CDR	CONDENSER WATER RETURN	MCA	MINIMUM CIRCUIT AMPS
CDS	CONDENSER WATER SUPPLY	MIN	MINIMUM
CFM	AIR FLOW RATE (CUBIC FEET PER MINUTE)	MOC	MAXIMUM OVERCURRENT PROTECTION
CLG	CEILING	MPG	MEDIUM PRESSURE NATURAL GAS
CW	DOMESTIC COLD WATER	NC	NOISE CRITERIA
CWR	CHILLED WATER RETURN	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CWS	CHILLED WATER SUPPLY	NTS	NOT TO SCALE
DEG or °	DEGREE	OD	OVERFLOW DRAIN LINE
DIA or Ø	DIAMETER	OSA	OUTSIDE AIR
DB	DRY BULB	PD	PRESSURE DROP
DWR	DOMESTIC HOT WATER RETURN	PH or Ø	PHASE
EA	EXHAUST AIR	PRV	PRESSURE REDUCING VALVE
EAT	ENTERING AIR TEMPERATURE	RA	RETURN AIR
EER	ENERGY EFFICIENCY RATIO	RD	ROOF DRAIN LINE
ESP	EXTERNAL STATIC PRESSURE	RPM	REVOLUTIONS PER MINUTE
EWT	ENTERING WATER TEMPERATURE	RTU	ROOFTOP UNIT
F	FIRE SPRINKLER LINE	S	SUCTION REFRIGERANT LINE
FCO	FLOOR CLEANOUT	SA	SUPPLY AIR
FD	FIRE DAMPER	SD	STORM DRAIN LINE
FLA	FULL LOAD AMPS	SEER	SEASONAL ENERGY EFFICIENCY RATIO
FLR	FLOOR	SFD	COMBINATION SMOKE/FIRE DAMPER
FS	FEET PER MINUTE	SP	STATIC PRESSURE
FPM	FEET PER MINUTE	SYM	SYMBOL
FS	FEET	T & P	TEMPERATURE AND PRESSURE
FT	FEET	TEMP	TEMPERATURE
G	LOW PRESSURE NATURAL GAS	TS	TEMPERATURE SENSOR (DUCT OR PIPING)
GA	GAUGE	TYP	TYPICAL
GCO	GRADE CLEANOUT	UP	UNIFORM PLUMBING CODE
GPM	WATER FLOW RATE (GALLONS PER MINUTE)	UR	URINAL
GWR	GEOHERMAL WATER RETURN	V	VENT THROUGH ROOF
GWS	GEOHERMAL WATER SUPPLY	V	VOLTS
HC	HEATING COIL	WB	WET-BULB
HP	HORSE POWER	WC	WATER CLOSET
HVAC	HEATING, VENTILATING, AIR CONDITIONING	WCO	WALL CLEANOUT
HW	DOMESTIC HOT WATER	WH	WATER HEATER
HWR	HEATING WATER RETURN		
HWS	HEATING WATER SUPPLY		
IBC	INTERNATIONAL BUILDING CODE		
IECC	INTERNATIONAL ENERGY CONSERVATION CODE		
IFC	INTERNATIONAL FIRE CODE		

NOTE: THIS IS A STANDARD LIST OF COMMONLY USED MECHANICAL ABBREVIATIONS. SOME OF THE ABBREVIATIONS SHOWN ABOVE MAY NOT BE USED IN THIS DRAWING PACKAGE.

## MECHANICAL GENERAL NOTES

- ALL MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE (IMC) LATEST EDITION, AND ALL LOCAL & STATE CODES.
- ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE (UPC) LATEST EDITION, AND ALL LOCAL & STATE CODES.
- ALL MECHANICAL AND PLUMBING EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
- MECHANICAL CONTRACTORS SHALL RECEIVE PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER BEFORE MAKING CUTS THROUGH ANY STRUCTURAL MEMBER.
- MECHANICAL CONTRACTORS SHALL COORDINATE INSTALLATION WITH CONSTRUCTION SUPERVISOR AND WITH ALL OTHER TRADES TO AVOID CONFLICTS.
- THE MECHANICAL CONTRACTORS SHALL VERIFY MOTOR VOLTAGES WITH THE ELECTRICAL DRAWINGS BEFORE ORDERING MOTORIZED EQUIPMENT AND CONTROLS.
- SEE SHEET M-401 FOR SCHEDULED CAPACITIES OF ALL MECHANICAL EQUIPMENT AND MATERIALS SPECIFIED.
- DOMESTIC WATER SERVICE IS PROVIDED WITH A DOUBLE CHECK BACKFLOW PREVENTER.
- ALL MECHANICAL EQUIPMENT TO BE PROPOSED MUST BE ON THE APPROVED LIST PRIOR TO SUBMITTALS. ALL APPROVED MANUFACTURERS MUST BE CAPABLE OF MEETING THE REQUIREMENTS OF THE SPECIFIED EQUIPMENT.
- RUNOUT AND HOOKUP SIZES TO INDIVIDUAL PLUMBING FIXTURE CAN BE FOUND ON THE PLUMBING FIXTURE SCHEDULES, SHEET P-401.
- PROVIDE REMOTE CEILING ACCESS BALANCE DAMPERS WITH CONCEALED CHROME PLATE COVERS FOR BALANCE DAMPERS LOCATED ABOVE HARD CEILINGS.
- PAINT ALL VTR'S, FLUES, EXHAUST CAPS, AND OTHER MECHANICAL ITEMS ON THE ROOF TO MATCH THE ROOF COLOR.
- INSULATED FLEXIBLE DUCTWORK MAY BE USED FOR RUNOUTS TO GRILLES AND DIFFUSERS, IN LENGTHS OF 6'-0" OR LESS.
- MAINTAIN MINIMUM OF 10'-0" DISTANCE BETWEEN ALL FRESH AIR INTAKES AND EXHAUST OR GAS FLUE DISCHARGES.
- THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL BACKFLOW DEVICES TO BE INSPECTED BY A CERTIFIED BACKFLOW TECHNICIAN BEFORE THE USE OF THE BUILDING POTABLE WATER SYSTEM.
- LOCATE ACCESS HATCHES SO AS TO PROVIDE OPTIMUM SERVICEABILITY TO EQUIPMENT AND/OR VALVING. SEE ARCHITECTURAL SPECIFICATION FOR TYPE AND COLOR. COORDINATE LOCATION WITH STRUCTURAL & LIGHTING.
- WHENEVER THERE IS A DISCREPANCY BETWEEN THE RUNOUT DUCT SIZE SHOWN ON THE PLANS AND THAT SHOWN IN THE SCHEDULE, ALWAYS USE THE LARGER OF THE TWO DUCT SIZES.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR VERIFICATION OF EXISTING JOB CONDITIONS PRIOR TO BID. NO ADDITIONAL COST SHALL BE AWARDED TO THE SUCCESSFUL CONTRACTOR (OR THEIR SUBCONTRACTORS) AFTER BIDS HAVE BEEN SUBMITTED AND CONTRACTS AWARDED FOR FAILURE TO VERIFY EXISTING FIELD CONDITIONS. DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR ALTERNATIVE METHODS OF INSTALLATION PRIOR TO THE BIDDING OF THIS PROJECT.
- UNLESS OTHERWISE NOTED ALL EXISTING MECHANICAL EQUIPMENT, PIPING, ETC. TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR UNDER THIS CONTRACT. THE OWNER SHALL RETAIN THE RIGHT TO KEEP ANY REMOVED ITEMS.
- ALL DOMESTIC COLD AND HOT WATER LINES IN THE AREA OF WORK WHICH ARE NO LONGER IN USE DUE TO THIS PROJECT SHALL BE REMOVED BACK TO THE MAINS AND CAPPED.
- HOLES IN EXISTING WALL OR FLOORS SHALL BE PATCHED TO MATCH EXISTING WHERE PIPING, DUCTWORK, ETC. WERE REMOVED OR ADDED DURING THIS PROJECT.
- DAMAGE TO THE EXISTING FACILITY DURING THE CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- DO NOT CUT OR OTHERWISE MODIFY FLOOR JOISTS TO ALLOW FOR ITEMS SUCH AS MECHANICAL DUCTS OR PLUMBING FIXTURES.
- SEE DETAILS S & 6 ON SHEET S-502 FOR MECHANICAL AND OTHER ATTACHMENTS TO TRUSSES. DO NOT CUT, DRILL OR OTHERWISE MODIFY WOOD TRUSSES OR JOISTS.
- DO NOT ATTACH FIRE SPRINKLER SEISMIC BRACING TO ROOF TRUSSES WITH THROUGH-BOLTS. THROUGH BOLTS SHALL BE ATTACHED TO BLOCKING. SEE DETAIL 6-5502.

## MECHANICAL AND PLUMBING DRAWING LEGEND

	FLEXIBLE DUCTWORK		REDUCED PRESSURE BACKFLOW PREVENTER
	DUCTWORK		DOUBLE CHECK BACKFLOW PREVENTER
	DUCTWORK BREAK		UNION
	DUCTWORK OR PIPING RISE		AIR VENT
	CONCENTRIC SQUARE TO ROUND TRANSITION		PRESSURE REDUCING VALVE
	MOTORIZED DAMPER		GATE VALVE
	MANUAL VOLUME DAMPER		REDUCER
	SPIN-IN FITTING W/ AIR EXTRACTOR AND HAND DAMPER		GLOBE VALVE
	HIGH EFFICIENCY FITTING W/ HAND DAMPER		BALL VALVE
	SWITCH		BUTTERFLY VALVE
	THERMOSTAT		CHECK VALVE
	EQUIPMENT CALLOUT		FLOOR CLEANOUT
	TURNING VANES		WALL CLEANOUT
	INTAKE OR EXHAUST		GRADE CLEANOUT
	DIRECTION OF AIRFLOW		WATER HAMMER ARRESTOR
	SUPPLY DIFFUSER		FLOOR DRAIN
	RETURN GRILLE		FLOOR SINK
	EXHAUST GRILLE		GAS PRESSURE REGULATOR W/ GAS COCK
	CEILING EXHAUST FAN		PRESSURE RELIEF VALVE
	TEMPERATURE GAUGE		STORM DRAIN
	PRESSURE GAUGE (LIQUID FILLED W/ ISOLATION VALVE)		ROOF DRAIN LINE
	TEMPERATURE SENSOR (DUCT OR PIPING)		OVERFLOW DRAIN LINE
	FLOW SWITCH		SOIL, WASTE, OR SANITARY SEWER
	FLOW DIRECTION		VENT
	DEMOLITION / EQUIPMENT TO BE REMOVED		VENT-THROUGH-ROOF
	NEW TO EXISTING CONNECTION POINT		CONDENSATE DRAIN LINE
	EXISTING		DOMESTIC COLD WATER (CW)
	FUTURE		DOMESTIC HOT WATER (HW)
	NEW		DOMESTIC HOT WATER RETURN (HWR)
			MEDIUM PRESSURE NATURAL GAS
			LOW PRESSURE NATURAL GAS
			FIRE SPRINKLER LINE
			SLOPE PIPE IN DIRECTION OF ARROW
			PIPE GUIDE
			CAP

NOTE: THIS IS A STANDARD LIST OF COMMONLY USED MECHANICAL SYMBOLS. SOME OF THE SYMBOLS SHOWN ABOVE MAY NOT HAVE BEEN USED IN THIS DRAWING PACKAGE.

## ENERGY CODE COMPLIANCE

- COMPLIANCE WITH THE LATEST ADOPTED EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE IS REQUIRED FOR THIS PROJECT. THESE NOTES COVER MANDATORY REQUIREMENTS OF THE CODE. ADDITIONAL REQUIREMENTS ARE NOTED ON THE DRAWINGS AND IN THE SPECIFICATIONS.
- MINIMUM REQUIREMENTS FOR SUPPLY AND RETURN DUCTWORK INSULATION:
  - R-5: DUCTS LOCATED IN UNCONDITIONED SPACES (SPACE NEITHER HEATED NOR COOLED SUCH AS ABOVE CEILING SPACES, WALL SPACES, DUCT CHASES, SOFFITS, ATTICS, CRAWL SPACES, UNHEATED BASEMENTS, AND UNHEATED GARAGES).
  - R-8: DUCTS LOCATED OUTSIDE OF THE BUILDING'S INSULATION ENVELOPE (SUCH AS ABOVE THE ATTIC INSULATION).

TYPICAL INSULATION THICKNESS REQUIRED TO MEET THESE REQUIREMENTS:

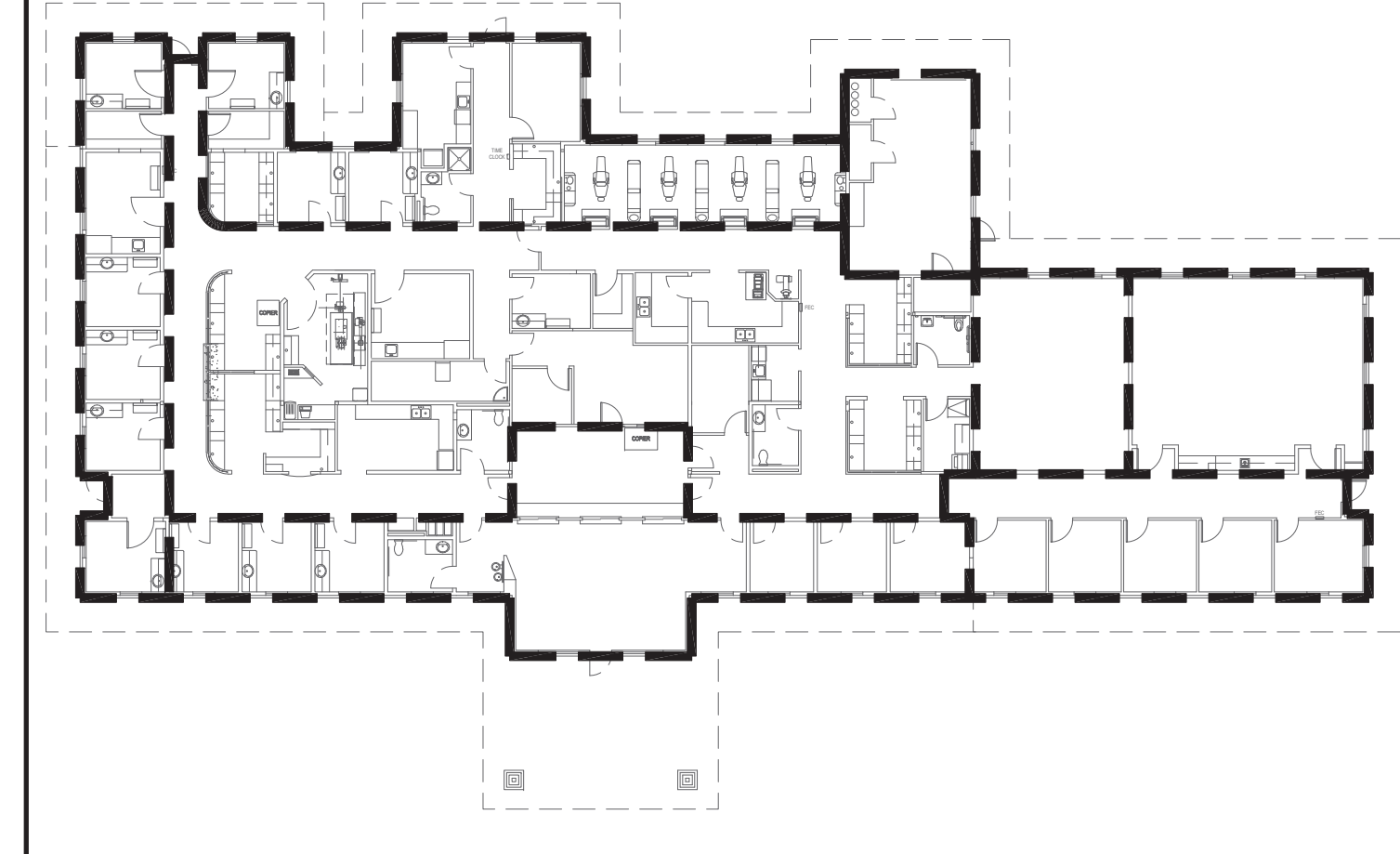
  - FIBERGLASS DUCT WRAP: R-5 (2"), R-8 (3").
  - FIBERGLASS DUCT LINER: R-5 (1 1/2"), R-8 (2").
- CONTRACTOR SHALL VERIFY WITH THE MANUFACTURER, THE R-VALUES OF THE ACTUAL INSULATION USED. R-VALUES SHALL BE **INSTALLED** VALUES.
- WHERE DUCTS USED FOR COOLING ARE EXTERNALLY INSULATED, THE INSULATION SHALL BE COVERED WITH A VAPOR RETARDER HAVING A MAXIMUM PERMEANCE OF 0.05 PERM OR ALUMINUM FOIL HAVING A MINIMUM THICKNESS OF 2-MILS. INSULATION HAVING A PERMEANCE OF 0.05 PERM OR LESS SHALL NOT BE REQUIRED TO BE COVERED. ALL JOINTS AND SEAMS SHALL BE SEALED TO MAINTAIN THE CONTINUITY OF THE VAPOR RETARDER.
- ALL DUCT JOINTS, SEAMS, AND CONNECTIONS SHALL BE FASTENED AND SEALED WITH WELDS, GASKETS, ADHESIVES, MASTIC-PLUS-EMBEDDED-FABRIC SYSTEMS, OR TAPES. TAPES AND MASTICS SHALL BE LISTED AND LABELED PER UL181A OR UL181B. DUCT TAPE IS NOT PERMITTED AS A SEALANT ON ANY METAL DUCTS. DUCT CONNECTIONS TO FLANGES OR EQUIPMENT SHALL BE SEALED AND MECHANICALLY FASTENED.
- MINIMUM REQUIREMENTS (THICKNESS) FOR PIPING INSULATION SHALL BE AS FOLLOWS:
 

FLUID	NOMINAL PIPE DIAMETER
1. REFRIGERANT	1/2" TO 1 1/2"
	2" AND ABOVE

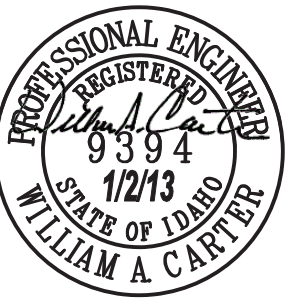
THE ABOVE INSULATION IS BASED ON HAVING A CONDUCTIVITY NOT EXCEEDING 0.27 BTU-INCH/HOUR-FT<sup>2</sup>-°F.
- DOMESTIC HOT WATER PIPING SYSTEMS SHALL BE INSULATED WITH 1" INSULATION HAVING A CONDUCTIVITY NOT EXCEEDING 0.27 BTU-INCH/HOUR-FT<sup>2</sup>-°F.
- DOMESTIC WATER HEATERS WHICH ARE NOT PROVIDED WITH INTEGRAL HEAT TRAPS AND SERVE NONCIRCULATING SYSTEMS SHALL BE PROVIDED WITH HEAT TRAPS ON THE SUPPLY AND DISCHARGE PIPING AT THE WATER HEATER.
- DOMESTIC HOT WATER SYSTEMS WITH RECIRCULATION PUMPS OR ELECTRIC HEAT TRACE SHALL BE CONTROLLED WITH 7-DAY TIME CLOCKS.
- AN OPERATING AND MAINTENANCE MANUAL SHALL BE PROVIDED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY. THE O&M MANUAL SHALL CONTAIN THE FOLLOWING INFORMATION AS A MINIMUM:
  - EQUIPMENT CAPACITY (INPUT & OUTPUT).
  - EQUIPMENT OPERATING AND MAINTENANCE INSTRUCTIONS.
  - CONTROL SYSTEM MAINTENANCE AND CALIBRATION INFORMATION, INCLUDING WIRING DIAGRAMS, SCHEMATICS, AND CONTROL SEQUENCES.
  - CONTROL SYSTEM SETPOINTS SHALL BE SHOWN ON CONTROL DRAWINGS, AT CONTROL DEVICES, OR IN PROGRAMMING COMMENT ON DDC SYSTEMS.
  - A COMPLETE WRITTEN NARRATIVE ON HOW EACH MECHANICAL SYSTEM IS INTENDED TO OPERATE.

## ZONING PLAN

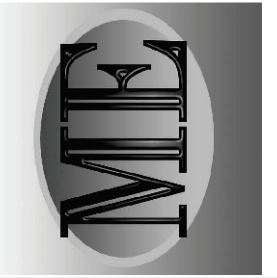
### RE: MECHANICAL HVAC PLAN



REVISIONS



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DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO.: 1226.00

SHEET:  
**MG-101**  
MECHANICAL  
COVER SHEET

**COMcheck Software Version 3.9.1**  
**Mechanical Compliance Certificate**

**2009 IECC**

**Section 1: Project Information**

Project Type: Addition  
Project Title: Desert Sage Health Center  
Construction Date: Mountain Home, ID  
Owner/Agent: [Redacted]  
Designer/Contractor: Gabriel Bishop, Mountain Engineering, 234 S. Whitewood Way, Boise, ID 83709, (208) 384-6585

**Section 2: General Information**

Building Location (for weather data): Mountain Home, Idaho  
Climate Zone: 5b

**Section 3: Mechanical Systems List**

**Quantity System Type & Description**

- HVAC System 1 (Single Zone): Heating: 1 each - Other, Gas, Capacity = 115 MBtu/h; Cooling: 1 each - Rooftop Package Unit, Capacity = 46 MBtu/h, Efficiency = 15.69 SEER, Air-Cooled Condenser
- HVAC System 2 (Single Zone): Heating: 1 each - Other, Gas, Capacity = 72 MBtu/h; Cooling: 1 each - Rooftop Package Unit, Capacity = 56 MBtu/h, Efficiency = 15.28 SEER, Air-Cooled Condenser, Air Economizer

**Section 4: Requirements Checklist**

**Requirements Specific To: HVAC System 1:**

- Equipment minimum efficiency: Rooftop Package Unit: 13.00 SEER

**Requirements Specific To: HVAC System 2:**

- Equipment minimum efficiency: Rooftop Package Unit: 13.00 SEER

**Generic Requirements: Must be met by all systems to which the requirement is applicable:**

- Plant equipment and system capacity not greater than as needed to meet loads
- Multiple units controlled to sequence operation as a function of load
- Minimum one temperature control device per system
- Minimum one humidity control device per installed humidification/dehumidification system
- Load reduction per ASHRAE 90.1 Standard 10.3
- Automatic Controls: Outdoor to 55°F (heat) and 85°F (cool); 7 day clock, 2-hour occupant override, 60-hour backup
- Continuously operating zones
- 2 kW demand or less, instant calculations
- Return air supply and return air duct insulation in unconditioned spaces
- R-8 supply and return air duct insulation outside the building

Project Title: Desert Sage Health Center  
Date Issued: Unlimited  
Report date: 11/12/12  
Page 1 of 6

**COMcheck Software Version 3.9.1**  
**Mechanical Requirements Description**

**2009 IECC**

The following list provides more detailed descriptions of the requirements in Section 4 of the Mechanical Compliance Certificate.

**Requirements Specific To: HVAC System 1:**

- The specified heating and/or cooling equipment is covered by the ASHRAE 90.1 Code and must meet the following minimum efficiency: Rooftop Package Unit: 13.00 SEER

**Requirements Specific To: HVAC System 2:**

- The specified heating and/or cooling equipment is covered by the ASHRAE 90.1 Code and must meet the following minimum efficiency: Rooftop Package Unit: 13.00 SEER

**Generic Requirements: Must be met by all systems to which the requirement is applicable:**

- All equipment and systems must be sized to be no greater than needed to meet calculated loads. A single piece of equipment providing both heating and cooling must satisfy this provision for one function with the capacity for the other function as small as possible, within available equipment options.
- The equipment and/or system capacity may be greater than calculated loads for standby purposes. Standby equipment must be automatically controlled to be off when the primary equipment and/or system is operating.
- Multiple units of the same equipment type whose combined capacities exceed the calculated load are allowed if they are provided with controls to sequence operation of the units as the load increases or decreases.
- Each heating or cooling system serving a single zone must have its own temperature control device.
- Each humidification system must have its own humidity control device.
- Design heating and cooling loads for the building must be determined using procedures in the ASHRAE Handbook of Fundamentals or an approved equivalent calculation procedure.
- The system or zone control must be a programmable thermostat or other automatic control meeting the following criteria:
  - capable of setting back temperature to 55°F during heating and setting up to 85°F during cooling,
  - capable of automatically setting back or shutting down systems during unoccupied hours using 7 different day schedules,
  - have an accessible 2-hour occupant override,
  - have a battery back-up capable of maintaining programmed settings for at least 90 hours without power.
- A setback or shutoff control is not required on thermostats that control systems serving areas that operate continuously.
- A setback or shutoff control is not required on systems with total energy demand of 2 kW (8,426 Btu/h) or less.
- The system must supply outdoor ventilation air as required by Chapter 4 of the International Mechanical Code. If the ventilation system is designed to supply outdoor-air quantities exceeding minimum required levels, the system must be capable of reducing outdoor-air flow to the minimum required levels.
- Air ducts must be insulated to the following levels:
  - Supply and return air ducts for conditioned air located in unconditioned spaces (spaces neither heated nor cooled) must be insulated with a minimum of R-8. Unconditioned spaces include attics, crawl spaces, unfinished basements, and unfinished garages.
  - Supply and return air ducts and plenums must be insulated to a minimum of R-8 when located outside the building.
  - Vent ducts are located within exterior components (e.g., floors or roofs), minimum R-8 insulation is required only between the duct and the building exterior.
- Duct insulation is not required on ducts located within equipment.
- Duct insulation is not required when the design temperature difference between the interior and exterior of the duct or plenum does not exceed 15°F.
- Mechanical fasteners and seals, mastic, or gaskets must be used when connecting ducts to fans and other air distribution equipment, including multiple-zone terminal units.
- All joints, longitudinal and transverse seams, and connections in ductwork must be securely sealed using weldments, mechanical fasteners with seals, gaskets, or mastic; sealing systems or tapes. Tapes and mastics must be listed and labeled in accordance with UL 181A and shall be marked "181A-F" for pressure sensitive tape, "181A-M" for mastic or "181A-H" for heat-sensitive mastic.

Project Title: Desert Sage Health Center  
Date Issued: Unlimited  
Report date: 11/12/12  
Page 4 of 6

R-8 insulation between ducts and the building exterior when ducts are part of a building assembly

Exception(s):

- Ducts located within equipment
- Ducts with interior and exterior temperature difference not exceeding 15°F.
- Mechanical fasteners and seals used to connect ducts and air distribution equipment
- Ducts sealed - longitudinal seams on rigid ducts; transverse seams on all ducts, UL 181A or 181B tapes and mastic

Exception(s):

- Continuously welded and locking-type longitudinal joints and seams on ducts operating at static pressures less than 2 inches w.g. pressure classification
- Hot water pipe insulation: 1.5 in. for pipes <1.5 in. and 2 in. for pipes >1.5 in.
- Chilled water/condensate pipe insulation: 1.5 in. for pipes <1.5 in. and 1.5 in. for pipes >1.5 in.
- Steam pipe insulation: 1.5 in. for pipes <1.5 in. and 3 in. for pipes >1.5 in.

Exception(s):

- Piping within HVAC equipment
- Fluid temperatures between 55 and 105°F.
- Fluid not heated or cooled with renewable energy.
- Piping within rooms has cool (with ASHRAE101 rating) and unit ventilators (with ASHRAE101 rating).
- Runouts <4 ft in length.

- Operation and maintenance manual provided to building owner
- Thermostatic controls have PF deadband

Exception(s):

- Thermostats requiring manual changeover between heating and cooling
- Special occupancy or special applications where wide temperature ranges are not acceptable and are approved by the authority having jurisdiction.

- Blowby devices provided in accordance with IMC (2009) 603.17
- Demand control ventilation (DCV) required for high design occupancy areas (>40 person/1000 ft<sup>2</sup> in spaces >500 ft<sup>2</sup>) and served by systems with any one of 1) an air-side economizer, 2) automatic modulating control of the outdoor air damper, or 3) a design outdoor airflow greater than 3000 cfm.

Exception(s):

- Systems with heat recovery.
- Multiple-zone systems without DDC of individual zones communicating with a central control panel.
- Systems with a design outdoor airflow less than 1200 cfm.
- Spaces where the supply airflow rate minus any makeup or outgoing transfer air requirement is less than 1200 cfm.

- Gravily dampers acceptable in buildings >3 stories
- Gravily dampers acceptable in systems with outside or exhaust air flow rates less than 300 cfm where dampers are interlocked with fans
- Automatic controls for freeze protection systems present
- Exhaust air heat recovery included for systems 5,000 cfm or greater with more than 70% outside air fraction or specifically exempted

Exception(s):

- Hazardous exhaust systems, commercial kitchen and clothes dryer exhaust systems that the International Mechanical Code prohibits the use of energy recovery systems.
- Systems serving spaces that are heated and not cooled to less than 60°F.
- Where more than 60 percent of the outdoor heating energy is provided from site-recovered or site solar energy.
- Heating systems in climates with less than 3600 HDD.
- Cooling systems in climates with a 1 percent cooling design wet-bulb temperature less than 64°F.
- Systems requiring dehumidification that employ energy recovery in series with the cooling coil.
- Laboratory fume hood exhaust systems that leave either a variable air volume system capable of reducing exhaust and makeup air volume to 50 percent or less of design values or, a separate make-up air supply meeting the following makeup air requirements: a) at least 75 percent of outdoor flow rate, b) heated to no more than 2°F below room setpoint temperature, c) cooled to no lower than 3°F above room setpoint temperature, d) no recirculation added, e) no simultaneous heating and cooling.

**Section 5: Compliance Statement**

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications and other calculations submitted with the permit application. The proposed mechanical systems have been designed to meet the 2009 IECC requirements in COMcheck Version 3.9.1 and to comply with the mandatory requirements in the Requirements Checklist.

Project Title: Desert Sage Health Center  
Date Issued: Unlimited  
Report date: 11/12/12  
Page 2 of 6

tape, Tapes and mastics used to seal flexible air ducts and flexible air connectors shall comply with UL 181B and shall be marked "181B-F" for pressure-sensitive tape or "181B-M" for mastic. Unlisted duct tape is not permitted as a sealant on any metal ducts.

Exception(s):

- Continuously welded and locking-type longitudinal joints and seams on ducts operating at static pressures less than 2 inches w.g. pressure classification.
- Hot water piping for heating systems:
  - 1.5 in. for pipes <1.5 in. nominal diameter,
  - 2 in. for pipes >1.5 in. nominal diameter.
- Chilled water, refrigerant, and steam piping systems:
  - 1.5 in. insulation for pipes <1.5 in. nominal diameter,
  - 1.5 in. insulation for pipes >1.5 in. nominal diameter.
- Steam piping:
  - 1.5 in. insulation for pipes <1.5 in. nominal diameter,
  - 3 in. insulation for pipes >1.5 in. nominal diameter.

Exception(s):

- Pipe insulation is not required for factory-insulated piping within HVAC equipment.
- Pipe insulation is not required for piping that conveys fluids having a design operating temperature range between 55°F and 105°F.
- Pipe insulation is not required for piping that conveys fluids that have not been heated or cooled through the use of fossil fuels or electric power.
- Piping within rooms has cool (with ASHRAE101 rating) and unit ventilators (with ASHRAE101 rating).
- Pipe insulation is not required for exhaust piping not exceeding 4 ft in length and 1 in. in diameter between the control valve and HVAC coil.

- Operation and maintenance documentation must be provided to the owner that includes at least the following information:
  - equipment capacity (input and output) and required maintenance schedule
  - equipment operation and maintenance manuals
  - HVAC system control maintenance and calibration information, including wiring diagrams, schematics, and control sequence descriptions; device or field-determined set points must be permanently recorded on control drawings, at control devices, or, for digital control systems, in programming comments
  - complete narrative of how each system is intended to operate.
- Thermostats controlling both heating and cooling must be capable of maintaining a 5°F deadband (a range of temperature where no heating or cooling is provided).
- Deadband capability is not required if the thermostat does not have automatic changeover capability between heating and cooling.
- Special occupancy or special applications where wide temperature ranges are not acceptable and are approved by the authority having jurisdiction.

- Blowby devices provided in accordance with IMC (2009) 603.17
- Demand control ventilation (DCV) required for high design occupancy areas (>40 person/1000 ft<sup>2</sup> in spaces >500 ft<sup>2</sup>) and served by systems with any one of 1) an air-side economizer, 2) automatic modulating control of the outdoor air damper, or 3) a design outdoor airflow greater than 3000 cfm.

Exception(s):

- Systems with heat recovery.
- Multiple-zone systems without DDC of individual zones communicating with a central control panel.
- Systems with a design outdoor airflow less than 1200 cfm.
- Spaces where the supply airflow rate minus any makeup or outgoing transfer air requirement is less than 1200 cfm.

- Outdoor air supply and exhaust systems must have motorized dampers that automatically shut when the systems or spaces served are not in use. Dampers must be capable of automatically shutting off during preoccupied building warm-up, cool-down, and setback, except when ventilation reduces energy costs (e.g., night purge) or when ventilation must be supplied to meet code requirements. Both outdoor air supply and exhaust air dampers must have a maximum leakage rate of 3 cfm/ft<sup>2</sup> at 1.0 in w.g. when tested in accordance with AMCA Standard 500.

Exception(s):

- Gravily (non-motorized) dampers are acceptable in buildings less than three stories in height.
- Systems with a design outdoor air intake or exhaust capacity of 300 cfm (140 L/s) or less that are equipped with motor operated dampers that open and close when the unit is energized and de-energized, respectively.

- All freeze protection systems, including self-regulating heat tracing, must include automatic controls capable of shutting off the systems when outside air temperatures are above 40°F or when the conditions of the protection fail to prevent freezing. Snow- and ice-melting systems must include automatic controls capable of shutting off the systems when the pavement temperature is above 55°F and no precipitation is falling, and an automatic or manual control that will also shut off when the outdoor temperature is above 40°F.

Project Title: Desert Sage Health Center  
Date Issued: Unlimited  
Report date: 11/12/12  
Page 5 of 6

**Section 6: Post Construction Compliance Statement**

Name - Title \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

11/24/12

**Section 6: Post Construction Compliance Statement**

- 11/24/12 record drawings of the actual installation, system capacities, calibration information, and performance data for each equipment provided to the owner.
- HVAC O&M documents for all mechanical equipment are provided to the owner by the mechanical contractor.
- Written HVAC balancing and operations report provided to the owner.

The above post construction requirements have been completed.

Gabriel Bishop \_\_\_\_\_ Gabriel Bishop \_\_\_\_\_ 11/24/12  
Principal/Mechanical Designer/Name Signature Date

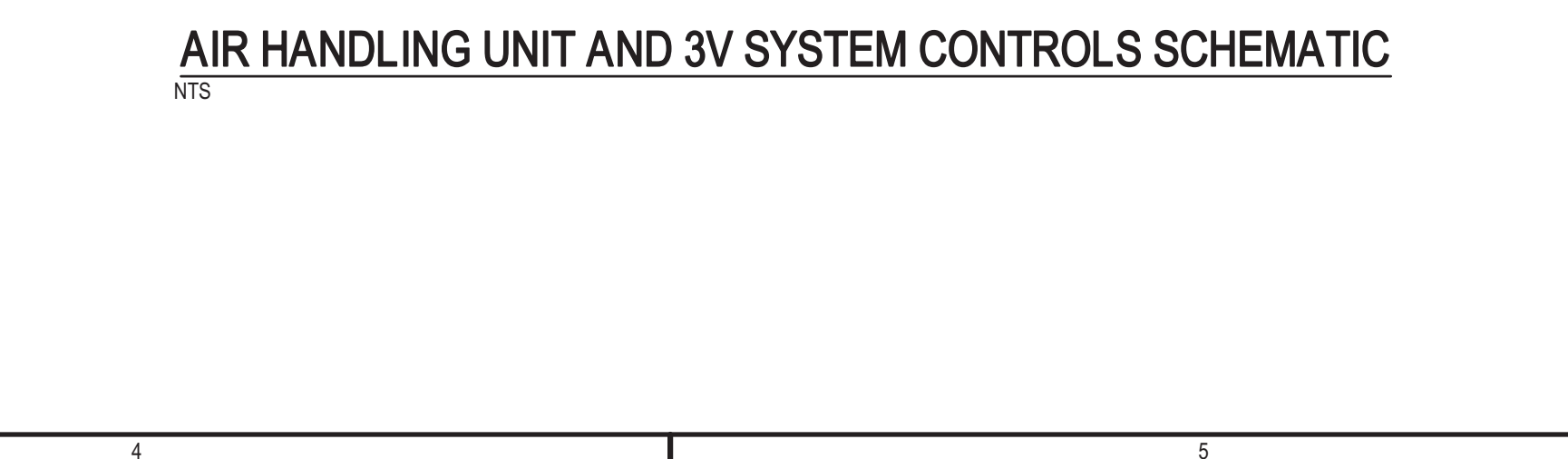
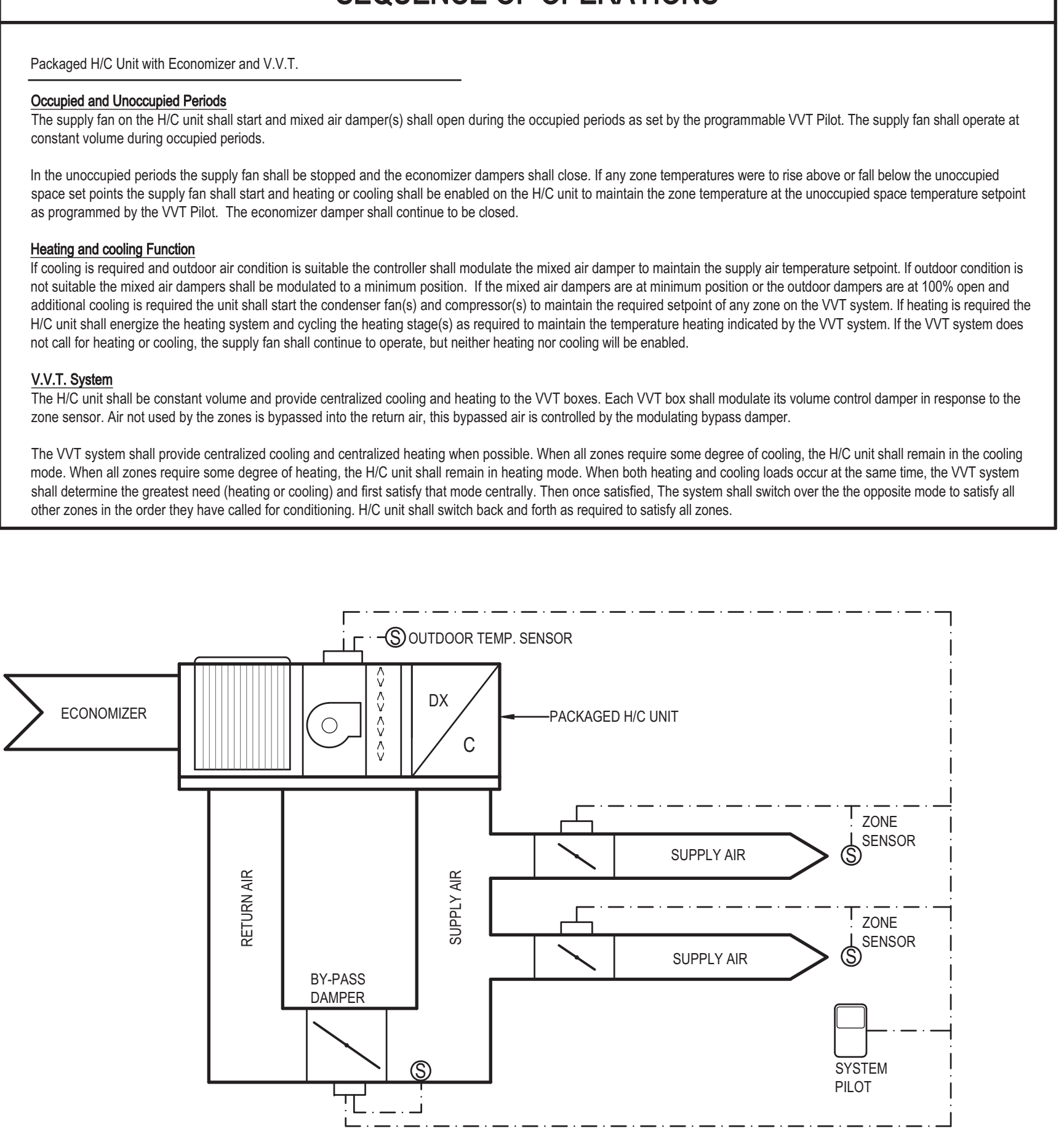
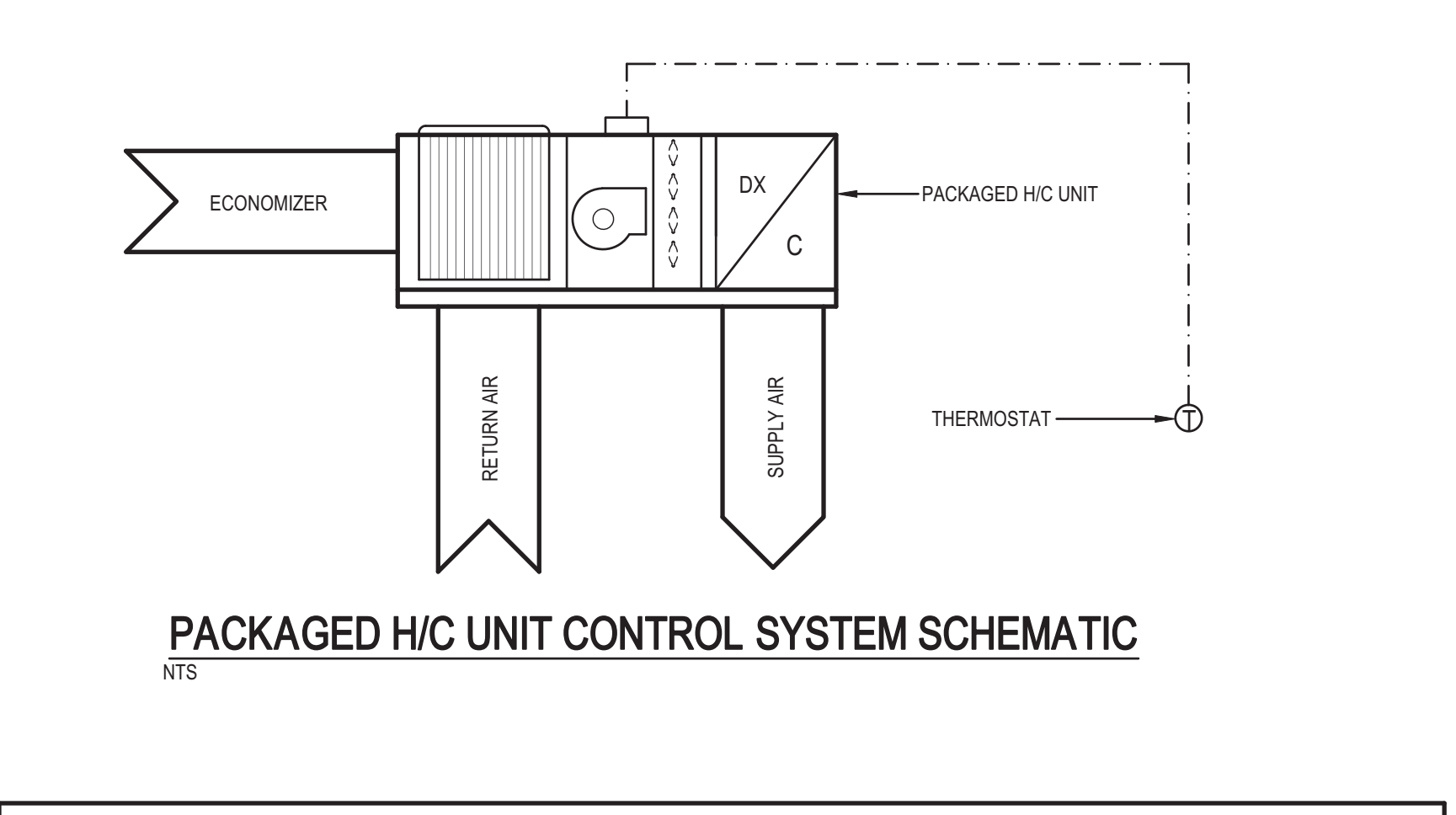
Project Title: Desert Sage Health Center  
Date Issued: Unlimited  
Report date: 11/12/12  
Page 3 of 6

**SEQUENCE OF OPERATIONS**

**PACKAGED H/C UNIT WITH ECONOMIZER:**

THE SUPPLY FAN WILL START DURING THE OCCUPIED PERIODS AS SET BY THE PROGRAMMABLE THERMOSTAT. IF COOLING IS REQUIRED AND OUTDOOR AIR CONDITION IS SUITABLE THE CONTROLLER WILL MODULATE THE MIXED AIR DAMPER TO MAINTAIN THE SUPPLY AIR TEMPERATURE SETPOINT. IF OUTDOOR CONDITION IS NOT SUITABLE THE MIXED AIR DAMPER WILL BE MODULATED TO A MINIMUM POSITION. IF THE MIXED AIR DAMPERS ARE AT MINIMUM POSITION OR THE OUTDOOR DAMPERS ARE AT 100% OPEN AND ADDITIONAL COOLING IS REQUIRED THE UNIT SHALL START THE CONDENSER FAN(S) AND COMPRESSOR(S) TO MAINTAIN THE USER ADJUSTABLE COOLING SPACE SETPOINT. IF HEATING IS REQUIRED THE UNIT WILL ENERGIZE THE HEATING SYSTEM AND CYCLING THE HEATING STAGE(S) AS REQUIRED TO MAINTAIN THE SPACE TEMPERATURE HEATING SETPOINT. IF THE SPACE TEMPERATURE IS BETWEEN THE HEATING AND COOLING SETPOINT, THE SUPPLY FAN WILL CONTINUE TO OPERATE, BUT NEITHER HEATING NOR COOLING WILL BE ENABLED.

IN THE UNOCCUPIED MODE THE SUPPLY FAN WILL BE STOPPED AND THE ECONOMIZER DAMPERS SHALL CLOSE. IF SPACE TEMPERATURE WERE TO RISE ABOVE OR FALL BELOW THE UNOCCUPIED SPACE SET POINTS THE SUPPLY FAN WILL START AND HEATING OR COOLING WILL BE ENABLED TO MAINTAIN THE SPACE TEMPERATURE AT THE UNOCCUPIED SPACE TEMPERATURE SETPOINT.



REVISIONS

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WILLIAM A. CAPPER

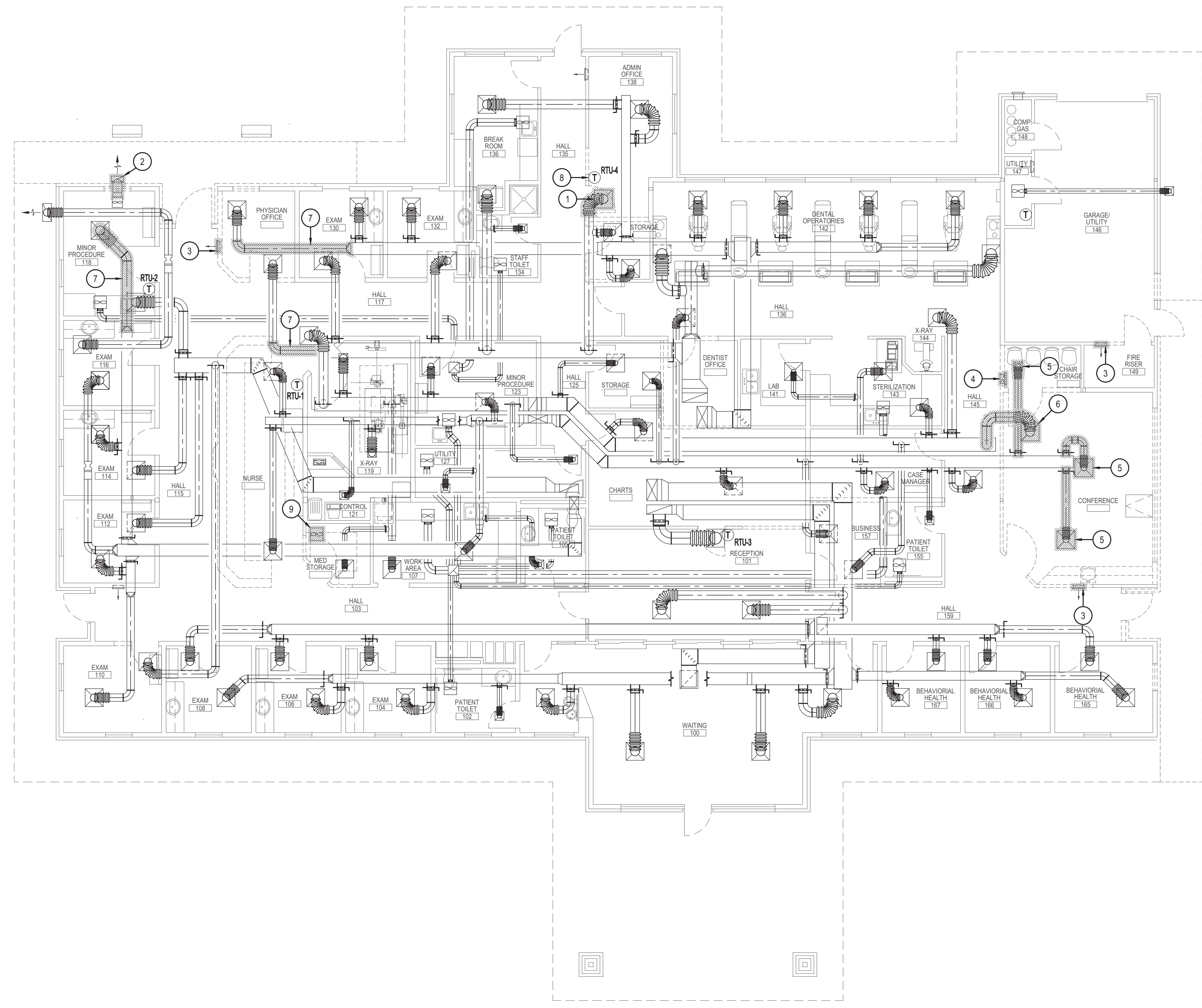
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DESERT SAGE HEALTH CENTER  
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MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO.: 1226.00  
SHEET:  
**MG-102**  
MECHANICAL  
COMCHECK





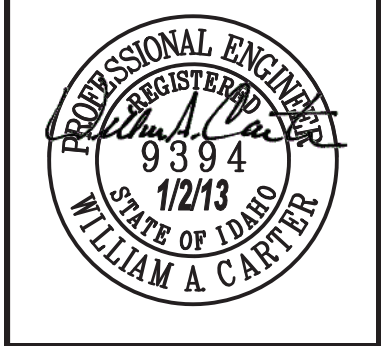
**KEYED NOTES:**

- SYMBOL USED FOR NOTE CALLOUT.
- 1. EXISTING RETURN GRILLE TO BE RELOCATED. SEE SHEET M-201 FOR NEW LOCATION.
- 2. EXISTING EXHAUST GRILLE TO BE RELOCATED. SEE SHEET M-201 FOR NEW LOCATION.
- 3. EXISTING WALL HEATER TO BE RELOCATED. SEE SHEET M-201 FOR NEW LOCATION.
- 4. EXISTING CRAWLSPACE TRANSFER AIR DUCT TO BE RELOCATED. SEE SHEET M-201 FOR NEW LOCATION.
- 5. REMOVE EXISTING SUPPLY DIFFUSER AND RUN-OUT SHOWN HATCHED BACK TO MAIN SUPPLY DUCT AND CAP OPENING.
- 6. REMOVE EXISTING RETURN GRILLE AND RUN-OUT SHOWN HATCHED BACK TO MAIN RETURN DUCT AND CAP OPENING.
- 7. REMOVE EXISTING SUPPLY DUCT SHOWN HATCHED.
- 8. RELOCATE EXISTING T-STAT. SEE SHEET M-201 FOR NEW LOCATION.
- 9. REMOVE EXISTING EXHAUST FAN AND ALL RELATED DUCTWORK, WIRING AND SWITCHES. PATCH CEILING TO MATCH EXISTING.

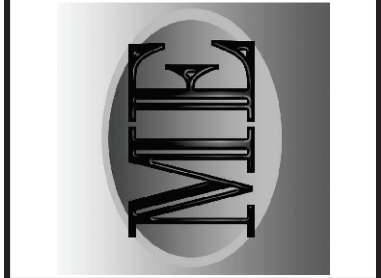
**A3** FIRST FLOOR HVAC DEMOLITION PLAN  
SCALE 1/8" = 1'-0"



REVISIONS



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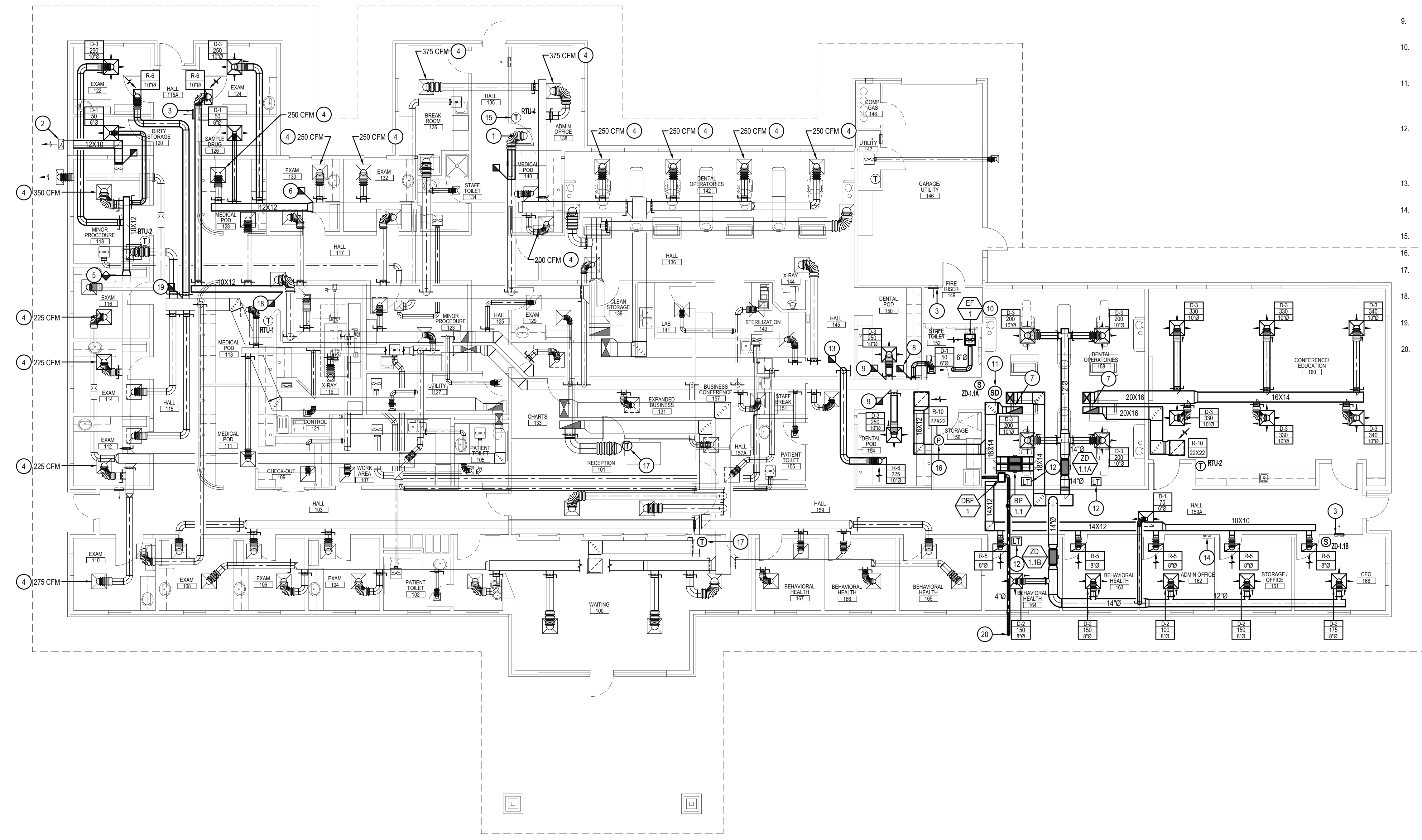
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ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO**

DATE: 12/14/2012  
PROJECT NO.: 1226.00

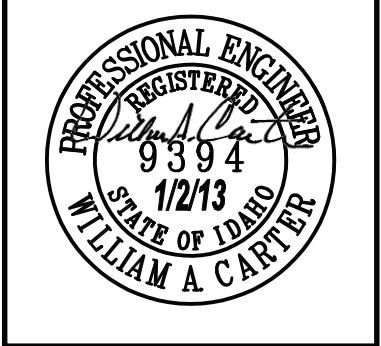
SHEET:  
**M-101**  
FIRST FLOOR HVAC  
DEMOLITION PLAN

KEYED NOTES:

- 1. RELOCATED EXISTING RETURN GRILLE. EXTEND EXISTING DUCT AS REQUIRED.
- 2. RELOCATED EXISTING EXHAUST GRILLE. CONNECT NEW DUCTWORK TO LOUVER AND EXHAUST FAN AS NECESSARY. OFFSET DUCTWORK AS NECESSARY TO RUN BETWEEN JOISTS.
- 3. RELOCATED EXISTING WALL HEATER. EXTEND AND RECONNECT WIRING AS NECESSARY.
- 4. BALANCE TO CFM SHOWN.
- 5. CONNECT NEW 10X12 SUPPLY DUCT TO EXISTING AS NECESSARY.
- 6. CONNECT NEW 12X12 SUPPLY DUCT TO EXISTING AS NECESSARY.
- 7. ROUTE RETURN AND SUPPLY DUCTS UP THRU ROOF AND TRANSITION TO UNIT AS REQUIRED. PROVIDE TURNING VANES IN ELBOWS AND A FLEXIBLE DUCT CONNECTION AT THE UNIT. INTERNALLY INSULATE THE FIRST 15'-0" OF DUCTWORK FROM THE UNIT.
- 8. CONNECT NEW 6"Ø SUPPLY DUCT TO EXISTING DUCT AS NECESSARY.
- 9. CONNECT NEW 10"Ø SUPPLY DUCT TO EXISTING DUCT AS NECESSARY.
- 10. CEILING CABINET FAN WITH HANGING VIBRATION ISOLATORS AND FLEXIBLE CONNECTION AT OUTLET. ROUTE 8"Ø EXHAUST DUCT UP THRU ROOF AND TERMINATE WITH ROOF CAP.
- 11. SMOKE DETECTOR IN RETURN DUCT SHALL SHUT DOWN UNIT UPON DETECTION OF SMOKE. SMOKE DETECTOR SHALL BE PROVIDED AND WIRED BY ELECTRICAL CONTRACTOR AND MOUNTED BY MECHANICAL CONTRACTOR.
- 12. HVAC CONTRACTOR SHALL PROVIDE AND WIRE ALL LOW VOLTAGE CONTROLS INCLUDING 115/1-24V TRANSFORMER(S) ELECTRICAL SHALL PROVIDE A 120/1 CIRCUIT AND CONNECT TO TRANSFORMER AS INDICATED ON PLANS. LOCATE ABOVE CEILING.
- 13. CONNECT NEW 10"Ø RETURN DUCT TO EXISTING DUCT AS NECESSARY.
- 14. RELOCATED EXISTING CRAWLSPACE TRANSFER AIR DUCT AND GRILLE.
- 15. RELOCATED EXISTING T-STAT.
- 16. LOCATION FOR PILOT CONTROLLER.
- 17. PROVIDE NEW BIAS AVERAGING T-STAT AND CONNECT TO EXISTING RTU AS NECESSARY.
- 18. CONNECT NEW 10X12 RETURN DUCT TO EXISTING AS NECESSARY.
- 19. CONNECT NEW 10"Ø RETURN DUCT TO EXISTING AS NECESSARY.
- 20. PROVIDE WITH ALUMINUM SEIHO MODEL SB4, 4" DRYER VENT DOWN THRU SOFFIT. PROVIDE WITH FLAPPER DAMPER.



**A3** FIRST FLOOR HVAC NEW WORK PLAN  
 SCALE 1/8" = 1'-0"  
 PLAN NORTH

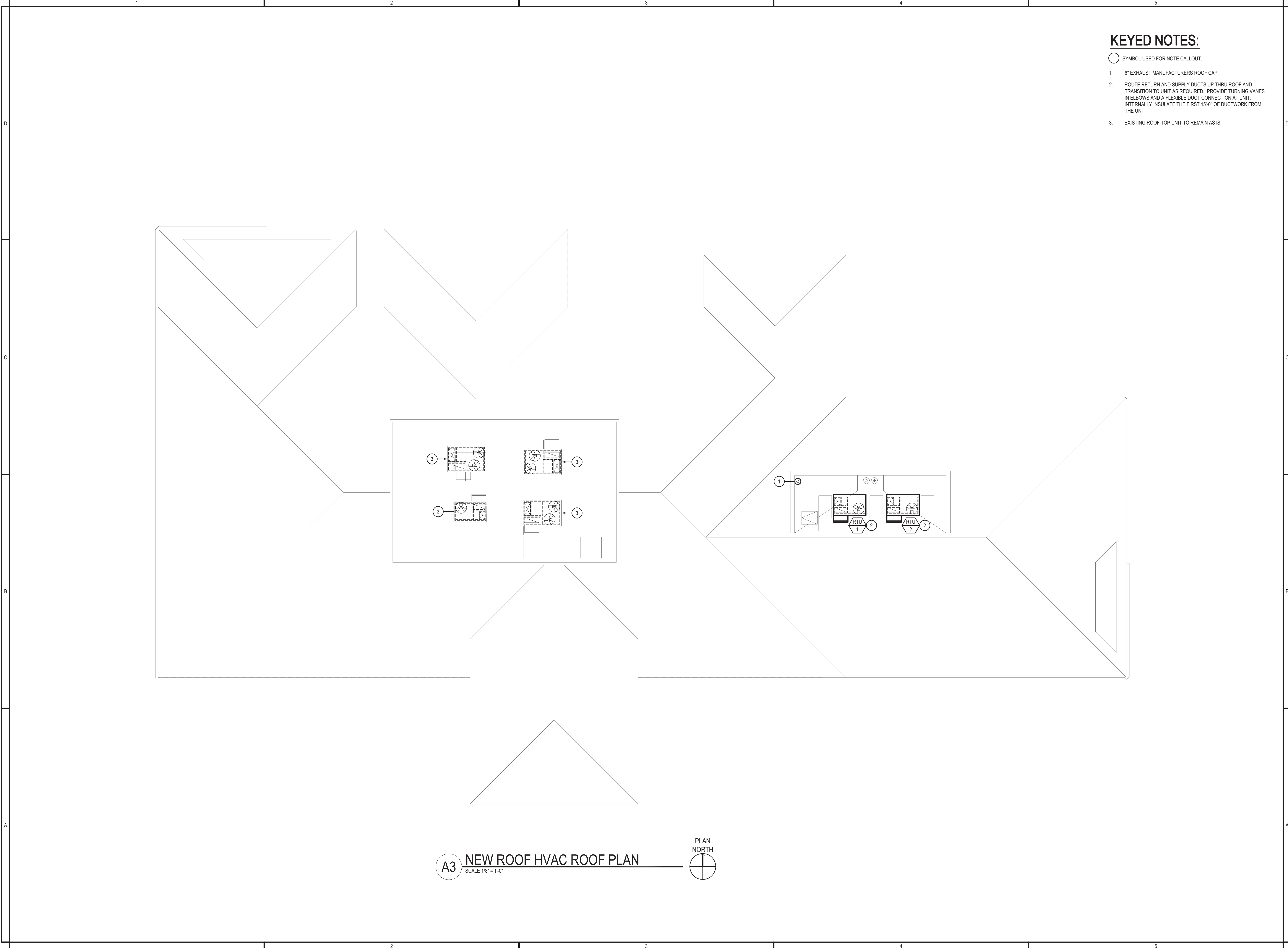


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 PROJECT NUMBER: 12-181



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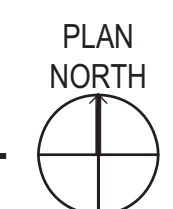
DESERT SAGE HEALTH CENTER  
 ADDITION AND REMODEL  
 MOUNTAIN HOME, IDAHO



**KEYED NOTES:**

- SYMBOL USED FOR NOTE CALLOUT.
- 1. 6" EXHAUST MANUFACTURERS ROOF CAP.
- 2. ROUTE RETURN AND SUPPLY DUCTS UP THRU ROOF AND TRANSITION TO UNIT AS REQUIRED. PROVIDE TURNING VANES IN ELBOWS AND A FLEXIBLE DUCT CONNECTION AT UNIT. INTERNALLY INSULATE THE FIRST 15'-0" OF DUCTWORK FROM THE UNIT.
- 3. EXISTING ROOF TOP UNIT TO REMAIN AS IS.

**A3** NEW ROOF HVAC ROOF PLAN  
SCALE 1/8" = 1'-0"



REVISIONS

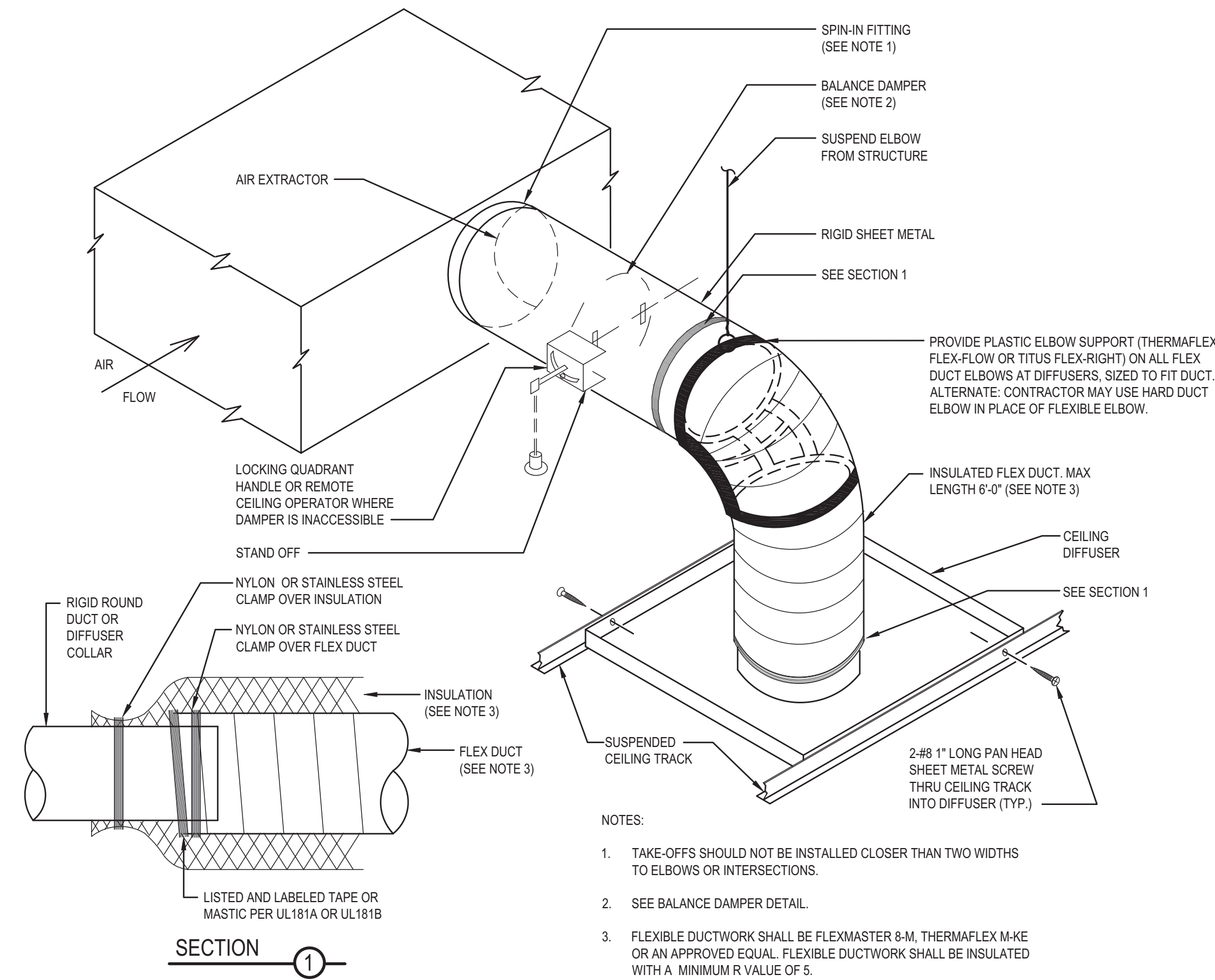


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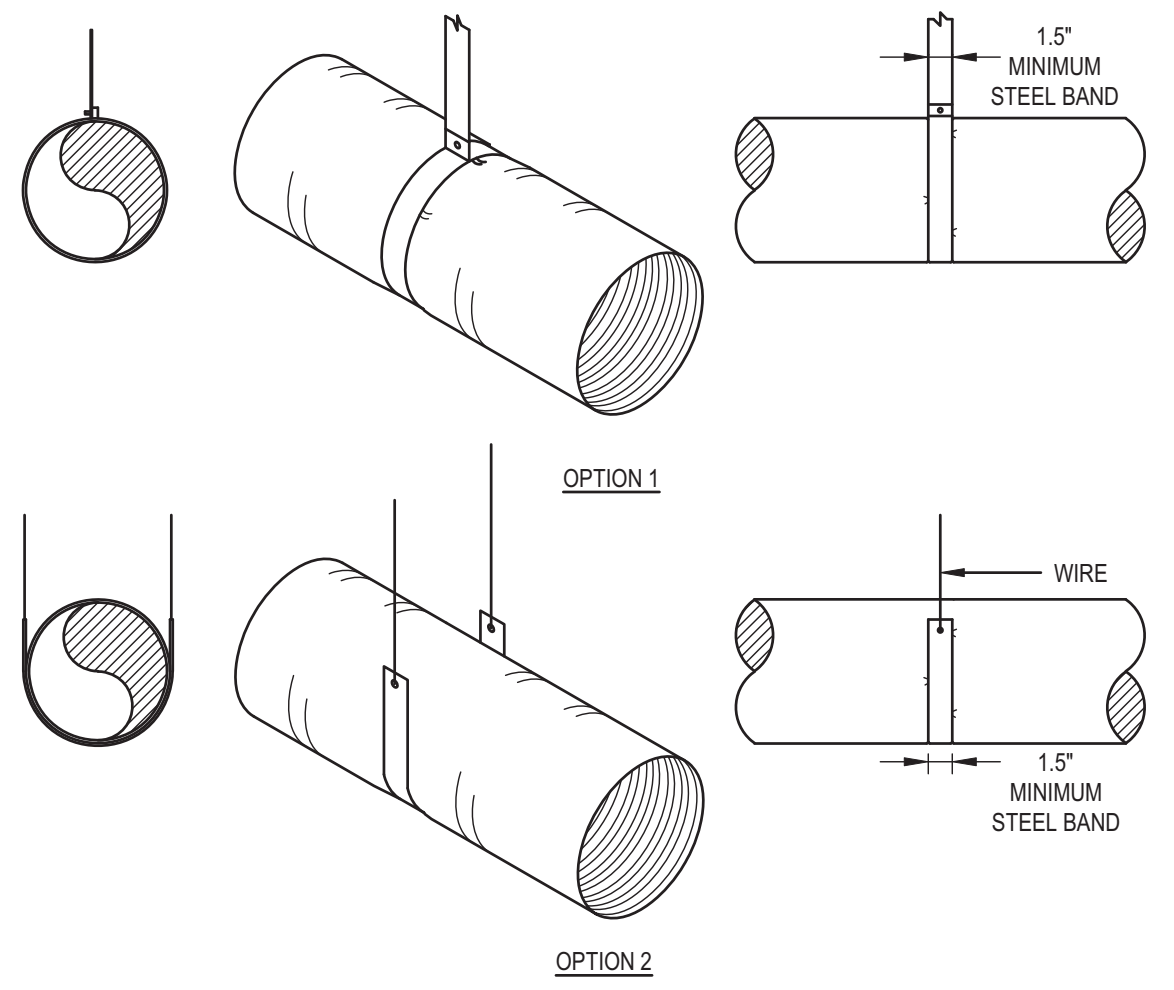
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DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO.: 1226.00  
SHEET:  
**M-202**  
NEW ROOF HVAC  
WORK PLAN

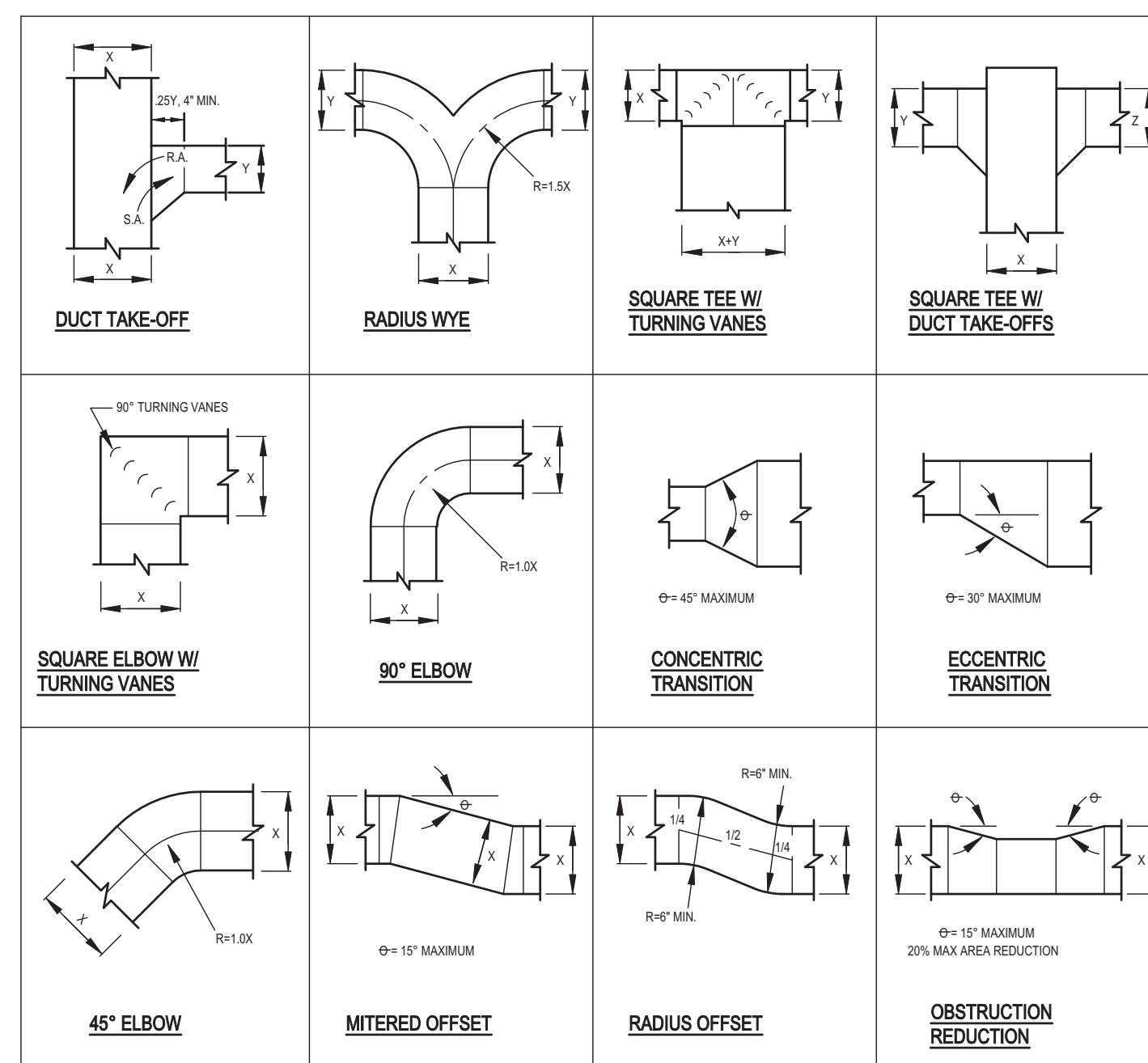


**1 SPIN-IN FITTING TAKE-OFF DETAIL**  
SCALE: NOT TO SCALE



- NOTES:**
- SUPPORT SYSTEM SHALL NOT DAMAGE, CRIMP, OR INHIBIT DUCT FREE AREA IN ANY WAY.
  - FLEX DUCT MUST NOT EXCEED 6'-0" FROM CONNECTION TO TERMINATION.
  - MAXIMUM LENGTH BETWEEN SUPPORTS MUST NOT EXCEED 3'-0" O.C.
  - ATTACH BANDS OR WIRES TO SUPPORT STRUCTURE ABOVE.
  - FLEXIBLE DUCTWORK SHALL BE FLEXMASTER 8-M, THERMAFLEX MK-E OR AN APPROVED EQUAL.
  - FLEXIBLE DUCTWORK SHALL BE INSULATED WITH A MINIMUM R-VALUE OF 5.
  - FLEXIBLE DUCT IS FOR INDOOR USE ONLY; DO NOT INSTALL OR STORE PRODUCT WHERE EXPOSURE TO DIRECT SUNLIGHT CAN OCCUR. PROLONGED EXPOSURE TO SUNLIGHT MAY CAUSE DETERIORATION OF VAPOR BARRIER.
  - TERMINAL DEVICES SHALL BE SUPPORTED INDEPENDENTLY OF THE FLEXIBLE DUCT.
  - REPAIR TORN OR DAMAGED VAPOR BARRIER/JACKET WITH DUCT TAPE LISTED AND LABELED TO UL 181B; IF INTERNAL CORE IS PENETRATED, REPLACE FLEXIBLE DUCT.
  - AVOID BENDING DUCT ACROSS SHARP CORNERS OR INCIDENTAL CONTACT WITH METAL FIXTURES, PIPES OR CONDUITS.
  - SHALL NOT BE INSTALLED WITHIN 4 INCHES OF HOT EQUIPMENT (FURNACES, BOILERS, STEAM PIPES, ETC.) THAT IS ABOVE 250° F.
  - SHALL NOT BE INSTALLED IN CONCRETE, BURIED BELOW GRADE OR IN CONTACT WITH THE GROUND.

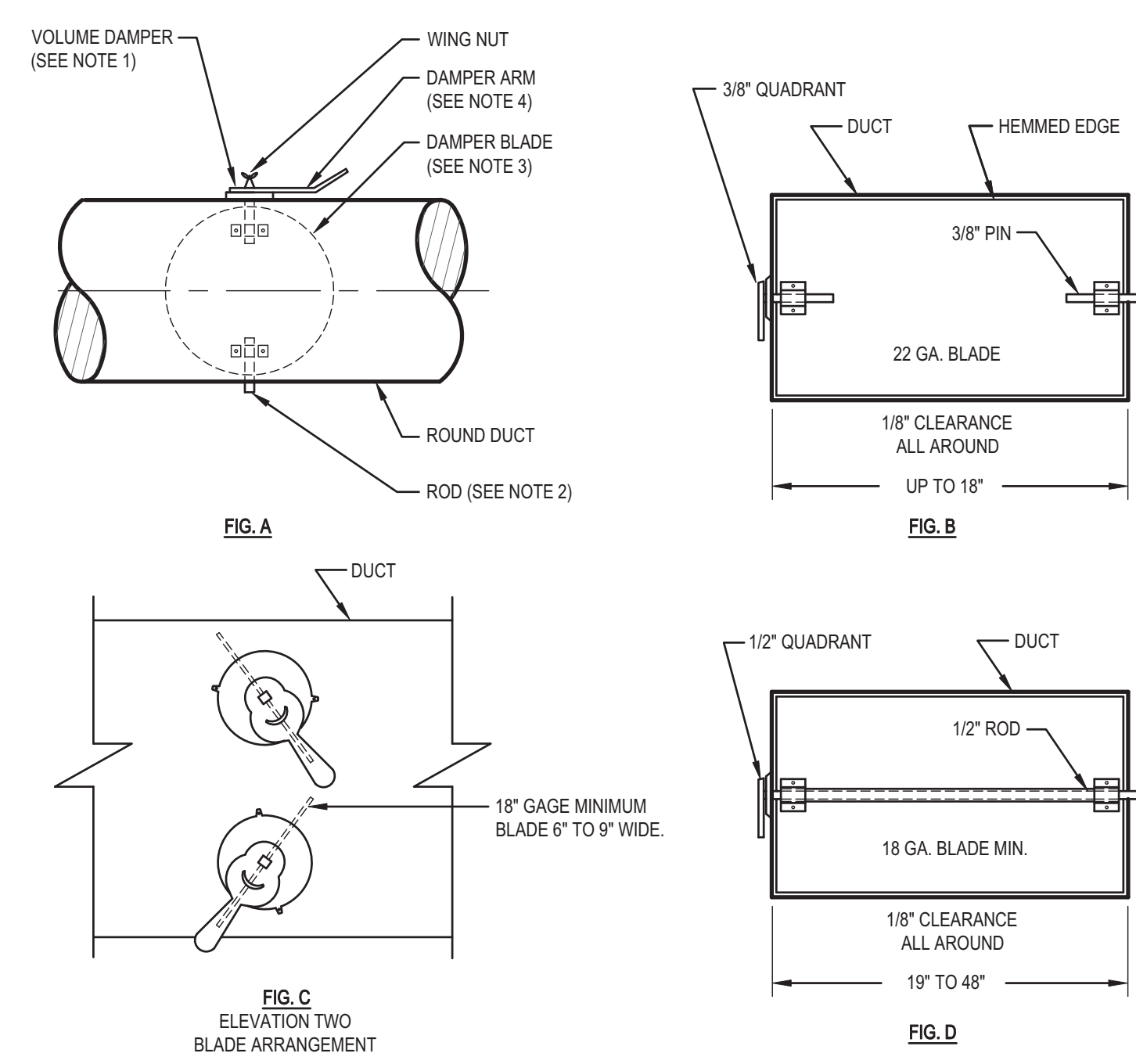
**4 FLEXIBLE DUCT SUPPORT**  
SCALE: NOT TO SCALE



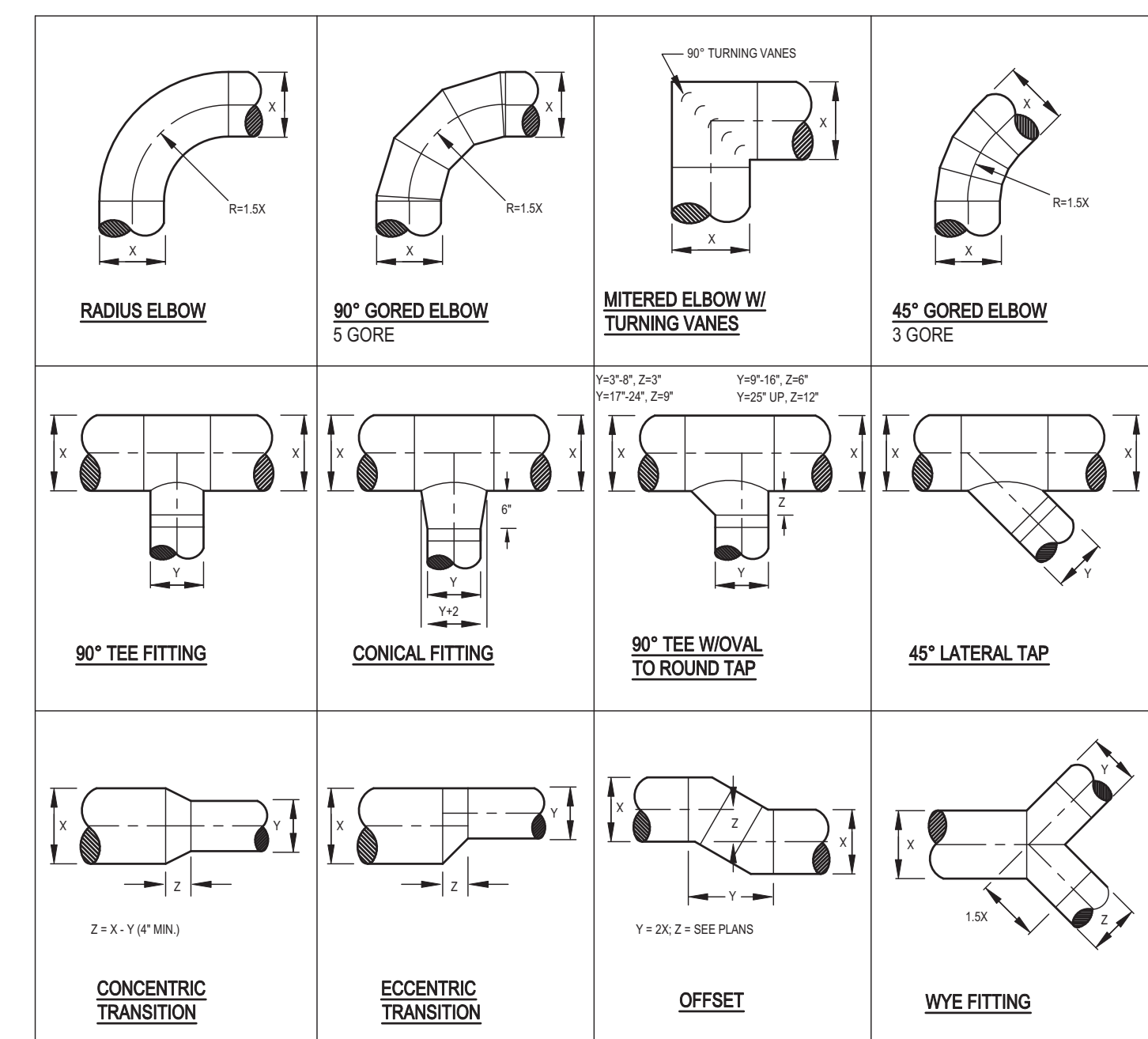
**NOTE:**  
ALL DUCTWORK TRANSITIONS SHALL BE CONSTRUCTED AND INSTALLED TO SMACNA, SPECIFICATIONS AND THE ABOVE NOTED STANDARDS. ANY DEVIATIONS SHALL BE COORDINATED WITH THE ENGINEER.

**2 RECTANGULAR DUCT FITTING DETAILS**  
SCALE: NOT TO SCALE

- NOTES:**
- FOR TAKE-OFFS LARGER THAN 12" DIAMETER USE A FACTORY MANUFACTURED DAMPER. LOUVERS & DAMPERS, INC. MODEL CD-600 WITH A LOCKING HAND QUADRANT OR EQUAL.
  - ROD CONTINUOUS ON 2" W.G. CLASS AND ON ALL DAMPERS OVER 12" DIAMETER.
  - BLADE 22 GAGE MIN. BUT NOT LESS THAN TWO GAGES MORE THAN THE DUCT GAGE.
  - PROVIDE REMOTE CEILING OPERATOR WHERE DAMPER IS INACCESSIBLE.
  - FOR DUCTS OVER 12" HIGH USE MULTIPLE BLADE DAMPERS. (SEE FIG. C)
  - ALTERNATE MANUFACTURERS: AMERICAN WARMING, SAFE-AIR/DOWCO, J & J, LOUVERS & DAMPERS, RUSKIN, NAILOR, ARROW UNITED, POTTORFF & CESCO.

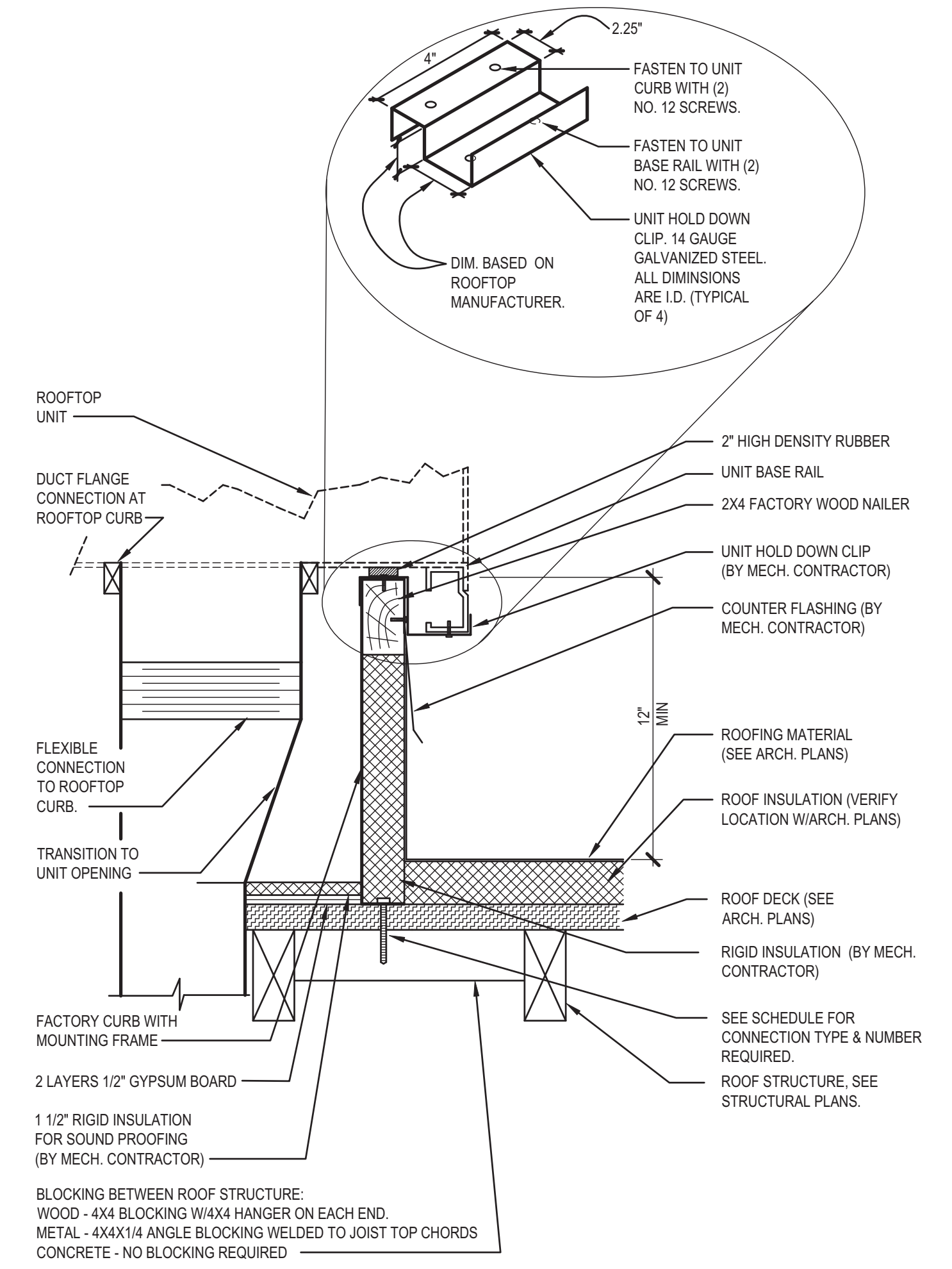


**5 BALANCE DAMPER DETAIL**  
SCALE: NOT TO SCALE



**NOTE:**  
ALL DUCTWORK TRANSITIONS SHALL BE CONSTRUCTED AND INSTALLED TO SMACNA AND THE ABOVE NOTED STANDARDS. ANY DEVIATIONS SHALL BE COORDINATED WITH THE ENGINEER.

**3 ROUND DUCT FITTING DETAILS**  
SCALE: NOT TO SCALE



**CURB TO ROOF CONNECTION SCHEDULE**

NOMINAL ROOFTOP UNIT CAPACITY	MAX. WEIGHTS	TOTAL LATERAL FORCE (Fp)	NO. & TYPE OF CONNECTION (EQUALLY SPACED)		
			ROOF STRUCTURE TYPE		
			METAL	WOOD	CONCRETE
3-6 TONS	750 LBS	810 LBS	(4) 1/2" LAG BOLT	(4) 1/2" LAG BOLT	(4) 3/8" EXPANSION BOLT

COMPLIES WITH THE INTERNATIONAL BUILDING CODE

**6 ROOFTOP UNIT - MOUNTING DETAIL**  
SCALE: NOT TO SCALE

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**DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL**  
MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO.: 1226.00  
SHEET: **M-301**  
HVAC DETAILS

DIFFUSER SCHEDULE				
SYMBOL	NOMINAL SIZE	NECK/RUNOUT SIZE	CFM RANGE	REMARKS
D-2 CFM 180	9x9	8"Ø	90-200	1 2 3 4 5 6
D-3 CFM 360	12X12	10"Ø	200-350	1 2 3 4 5 6
D-4 CFM 720	15X15	12"Ø	300-500	1 2 3 4 5 6
D-5 CFM 1440	18X18	14"Ø	400-650	1 2 3 4 5 6
D-6 CFM 2880	21X21	16"Ø	600-900	1 2 3 4 5 6
D-7 CFM 5760	21X21	21X21	900-1400	1 2 3 4 5 6

REMARKS:

- SIZES BASED ON TITUS MODEL TDC SERIES. APPROVED ALTERNATE MANUFACTURERS INCLUDE ANEMOSTAT, J&J REGISTER, NAILOR, METAL-AIRE, TUTTLE & BAILEY, KRUEGER AND PRICE.
- SIZES BASED ON A MAXIMUM NC LEVEL OF 25.
- ALL DIFFUSERS LOCATED IN LAY-IN CEILING AREAS SHALL BE BORDER TYPE 3 AND BE MOUNTED IN MANUFACTURER PROVIDED 24"x24" PANELS. ALL DIFFUSERS LOCATED IN HARD CEILING AREAS SHALL BE BORDER TYPE 6 (BEVELED) SURFACE MOUNTED. SEE ARCHITECTURAL PLANS FOR LOCATIONS OF VARIOUS CEILING TYPES.
- SEE HVAC FLOOR PLANS FOR DIRECTIONAL THROW REQUIREMENTS FOR EACH DIFFUSER.
- ALL OF THE DIFFUSERS SHOWN IN THIS SCHEDULE MAY NOT BE USED. REFERENCE THE HVAC PLAN FOR DIFFUSER CALL-OUTS AND THE QUANTITY OF EACH SIZE REQUIRED.
- WHITE FINISH.

RETURN & EXHAUST GRILLE SCHEDULE				
SYMBOL	NOMINAL SIZE	NECK/RUNOUT SIZE	CFM RANGE	REMARKS
R-2 CFM 180	10X10	8"Ø	80-180	1 2 3 4 5
R-3 CFM 360	12X12	10"Ø	180-300	1 2 3 4 5
R-4 CFM 720	22X10	6"Ø	0-80	1 2 3 4 5
R-5 CFM 1440	22X10	8"Ø	80-180	1 2 3 4 5
R-6 CFM 2880	22X10	10"Ø	180-300	1 2 3 4 5
R-7 CFM 5760	22X22	12"Ø	300-500	1 2 3 4 5
R-8 CFM 1440	22X22	14"Ø	500-750	1 2 3 4 5
R-9 CFM 2880	22X10	22X10	500-1100	1 2 3 4 5
R-10 CFM 5760	22X22	22X22	1100-2000	1 2 3 4 5

REMARKS:

- SIZES BASED ON TITUS MODEL 50F ALUMINUM EGGGRATE RETURN GRILLE. 1/2" x 1/2" x 1" SPACING (SINGLE CORE). PROVIDE SQUARE TO ROUND TRANSITION (WHERE ROUND RUN-OUT INDICATED). APPROVED ALTERNATE MANUFACTURERS INCLUDE ANEMOSTAT, CARNES, PRICE, NAILOR, METAL-AIRE, TUTTLE & BAILEY, KRUEGER, AND J&J REGISTER.
- SIZES BASED ON A MAXIMUM NC LEVEL OF 25.
- ALL GRILLES LOCATED IN LAY-IN CEILING AREAS SHALL HAVE BORDER #3, UNLESS OTHERWISE INDICATED. ALL GRILLES LOCATED IN HARD CEILING AREAS SHALL HAVE BORDER #1, UNLESS OTHERWISE INDICATED. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF VARIOUS CEILING TYPES. SHEET METAL DUCTWORK VISIBLE BEHIND GRILLE SHALL BE PAINTED FLAT BLACK.
- ALL OF THE GRILLES SHOWN IN THIS SCHEDULE MAY NOT BE USED. REFERENCE THE HVAC PLAN FOR GRILLE CALL-OUTS AND THE QUANTITY OF EACH SIZE REQUIRED.
- WHITE FINISH.

PACKAGED AIR CONDITIONING SCHEDULE																						
SYM	AREA SERVED	NOMINAL TONS	SUPPLY FAN				FILTER	COOLING REQUIRED AT 95° OSA, 80° EDB, 62° EWB		STAGE OF GAS HEATING		ELECTRICAL			REFRIGERANT	MAX SOUND RATINGS (PER ARI STD. 270 & 370)	OSA CFM	MINIMUM SEER	OPERATING WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS	
			CFM	ESP	BRAKE HP	DRIVE		TOTAL MBH	SENSIBLE MBH	INPUT MBH	OUTPUT MBH	MCA	MOCP	V/Ø								TYPE/LB-OZ
RTU 1	DENTAL / OFFICES	4	1,600	.75	0.95	BELT	6	46.3	45.2	82.0	58.1	20.8	30	208/3	410A/12-8	7	300	15.60	850	CARRIER 48HC05 HIGH EFFICIENCY	1 2 3 4 5	
RTU 2	CONFERENCE ROOM	5	2,000	.75	1.38	BELT	6	56.3	56.3	115.0	81.8	25.3	30	208/3	410A/13-3	7	325	15.20	850	CARRIER 48HC06 HIGH EFFICIENCY	1 2 3 4 5	
										50.0	36.1											
										72.0	51.9											

- APPROVED ALTERNATE MANUFACTURERS: BRYANT, TRANE, AAO, LUXAIRE, LENNOX AND YORK
- PROVIDE UNIT WITH CARRIER SEVEN-DAY PROGRAMMABLE AUTO-CHANGEOVER 2 STAGE THERMOSTAT MODEL 33CS450-01.
- PROVIDE UNIT WITH PREMIER LINK CONTROLLER.
- PROVIDE UNIT WITH MANUFACTURER'S ROOF CURB. (SEE DETAIL FOR SEISMIC RESTRAINTS), FLUE EXTENDER, HIGH ALTITUDE GAS KIT, HINGED ACCESS PANELS, GEAR DRIVEN INTEGRATED DRY BULB ECONOMIZER, CENTRIFUGAL POWER EXHAUST (100% RELIEF) WITH WIRING HARNESS
- PROVIDE UNIT WITH CARRIER WALL MOUNTED CO2 SENSOR. OUTSIDE AIR SHALL HAVE A MINIMUM SETPOINT OF ZERO AND THE DAMPER SHALL MODULATE OPEN AS REQUIRED TO SATISFY THE CO2 SENSOR. THE OSA CFM LISTED IN THIS SCHEDULE SHALL BE THE MAXIMUM OSA DAMPER SETPOINT (IF NOT IN ECONOMIZER MODE). THE OUTSIDE AIR DAMPER SHALL CLOSE DURING THE UNOCCUPIED MODE.
- PROVIDE 2" PLEATED MERV 8 FILTER AND FILTER RACK WITH 4 EXTRA SETS PER UNIT.
- MAXIMUM "A-WEIGHTED" SUPPLY AIR SOUND RATINGS FOR UNITS 2-18 TONS = 95 DB @ 125 HZ, 90 DB @ 250 HZ.

VARIABLE SYSTEM, ZONE DAMPER AND CONTROLLER SCHEDULE											
RTU SERVED	SYMBOL	AREA SERVED	TYPE	SIZE	AIRFLOW RANGE CFM		ELECTRICAL			MANUFACTURER AND MODEL	REMARKS
					MINIMUM	MAX/DESIGN	DEVICE	V/Ø	KW/AMPS		
RTU 1	BP 1.1	BY-PASS DAMPER/ CONTROLLER	ROUND	10"Ø (x2)	0	1,100	DAMPER	24V	--	BYPASS CONTROLLER CARRIER MODEL 33ZC-BC-01	1 2 3 4 5
	VT 1.1A	DENTAL OPERATORIES	ROUND	12"Ø	250	800	DAMPER	24V	--	DAMPER AND CONTROLLER CARRIER MODEL 33ZCDR12ZC-01	1 2 3 4 5
	VT 1.1B	OFFICES	ROUND	12"Ø	250	800	DAMPER	24V	--	DAMPER AND CONTROLLER CARRIER MODEL 33ZCDR12ZC-01	1 2 3 4 5

ALTERNATE MANUFACTURERS: APPROVED EQUAL

- CONTRACTOR TO PROVIDE ANY AND ALL NECESSARY COMPONENTS / ACCESSORIES FOR A COMPLETE AND OPERABLE CARRIER 3V CONTROL SYSTEM INCLUDING RTU CONTROLLER(S) WITH DUAL SET POINTS MAXIMUM SET POINTS FOR DEMAND CONTROL VENTILATION AND ECONOMIZER, OUTSIDE AIR SENSOR AND CARRIER 3V SYSTEM PILOT (P)
- PROVIDE CONTROLLER WITH SEPARATE FULL SIZED CONTROL DAMPER, MOUNT CONTROLLER TO DAMPER AS REQUIRED.
- PROVIDE ZONE CONTROLLER SENSOR (S), CARRIER MODEL T59.
- PROVIDE REMOTE DUCT MOUNTED TEMPERATURE SENSOR AND PRESSURE SENSOR FOR BYPASS CONTROLLER.
- HVAC CONTRACTOR SHALL PROVIDE AND WIRE ALL LOW VOLTAGE CONTROLS INCLUDING 115V-24V TRANSFORMER(S) ELECTRICAL SHALL PROVIDE A 120/1 CIRCUIT AND CONNECT TO TRANSFORMER AS INDICATED ON PLANS. LOCATE ABOVE CEILING.

EXHAUST FAN SCHEDULE												
SYM	TYPE	AREA SERVED	BLOWER				ELECTRICAL		MAXIMUM SONES	OPERATING WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS
			CFM	ESP	MAXIMUM RPM	DRIVE	HP/W	V/Ø				
EF 1	CEILING CABINET	STAFF TOILET 152	75	.25	1200	DIRECT	.009/49	120/1	1.5	22	COOK MODEL GC-240	1 2 3

- APPROVED ALTERNATE MANUFACTURERS: APPROVED EQUAL
- PROVIDE UNIT WITH MANUFACTURER'S STEEL ROOF JACK (SLOPED ROOF) EQUAL TO COOK MODEL RJ (W/ INTEGRAL BIRD SCREEN, FLASHING FLANGE AND BLACK EPOXY FINISH), (W/ INTEGRAL BIRDSCREEN), BACKDRAFT DAMPER, OUTLET FLEX DUCT CONNECTION, STANDARD PLUG DISCONNECT, PRE-WIRED FAN SPEED CONTROLLER, THERMAL OVERLOAD PROTECTION, HANGING VIBRATION ISOLATORS, AND WHITE ALUMINUM GRILLE.
- CONTROL FAN WITH SEPARATE WALL SWITCH.

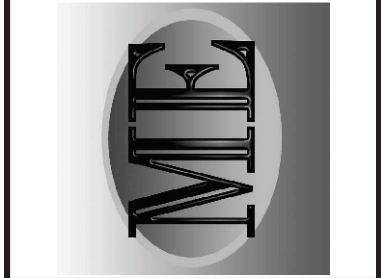
DRYER DUCT BOOSTER FAN SCHEDULE												
SYM	TYPE	AREA SERVED	BLOWER				ELECTRICAL		MAXIMUM SONES	OPERATING WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS
			CFM	ESP	MAXIMUM RPM	DRIVE	AMPS	V/Ø				
DBF 1	INLINE BOOSTER FAN	STORAGE 156	160	---	---	DIRECT	.80	115/1	---	25	TJERNLUND MODEL LB1	1

- APPROVED ALTERNATE MANUFACTURERS: APPROVED EQUAL

REVISIONS



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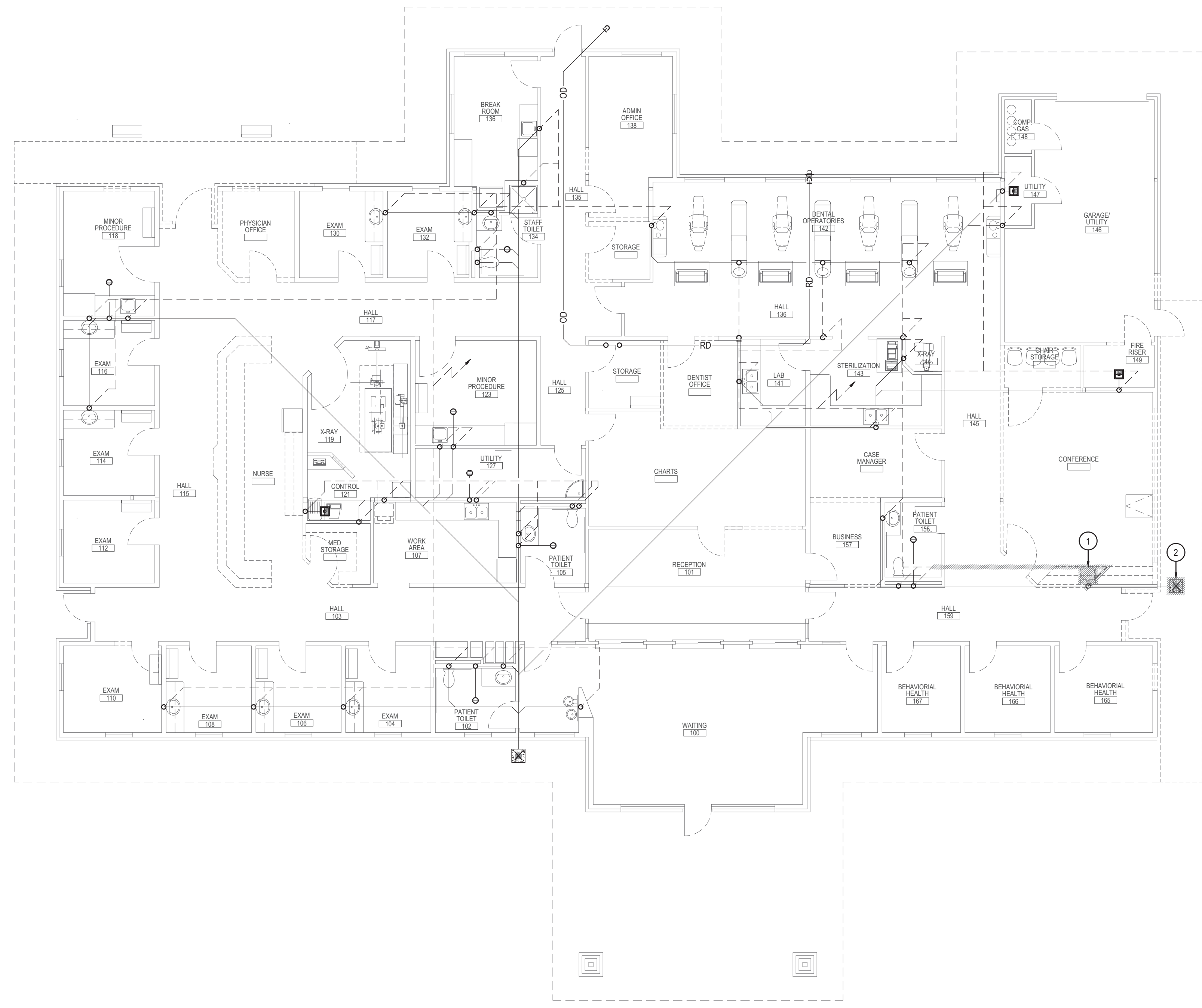


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409 E. Parkcenter Blvd., Suite 205 | Boise, Idaho 83706  
t: (208) 346.2872 | f: (208) 346.2162 | www.zga.com

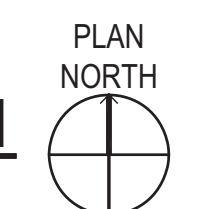
DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO

**KEYED NOTES:**

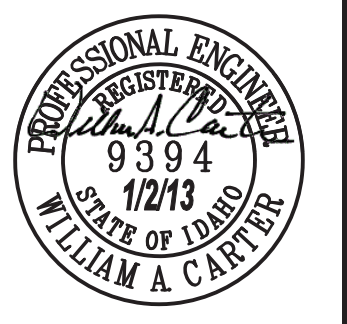
- SYMBOL USED FOR NOTE CALLOUT.
- 1. REMOVE EXISTING SINK, WASTE AND VENT LINE BACK TO MAINS AND CAP.
- 2. REMOVE EXISTING CLEAN OUT AND EXTEND WASTE. SEE SHEET P-201 FOR CONTINUATION.



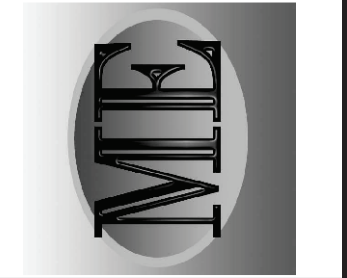
**A3** FIRST FLOOR WASTE AND VENT DEMOLITION PLAN  
SCALE 1/8" = 1'-0"



REVISIONS



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DATE: 12/14/2012

PROJECT NO.: 1226.00

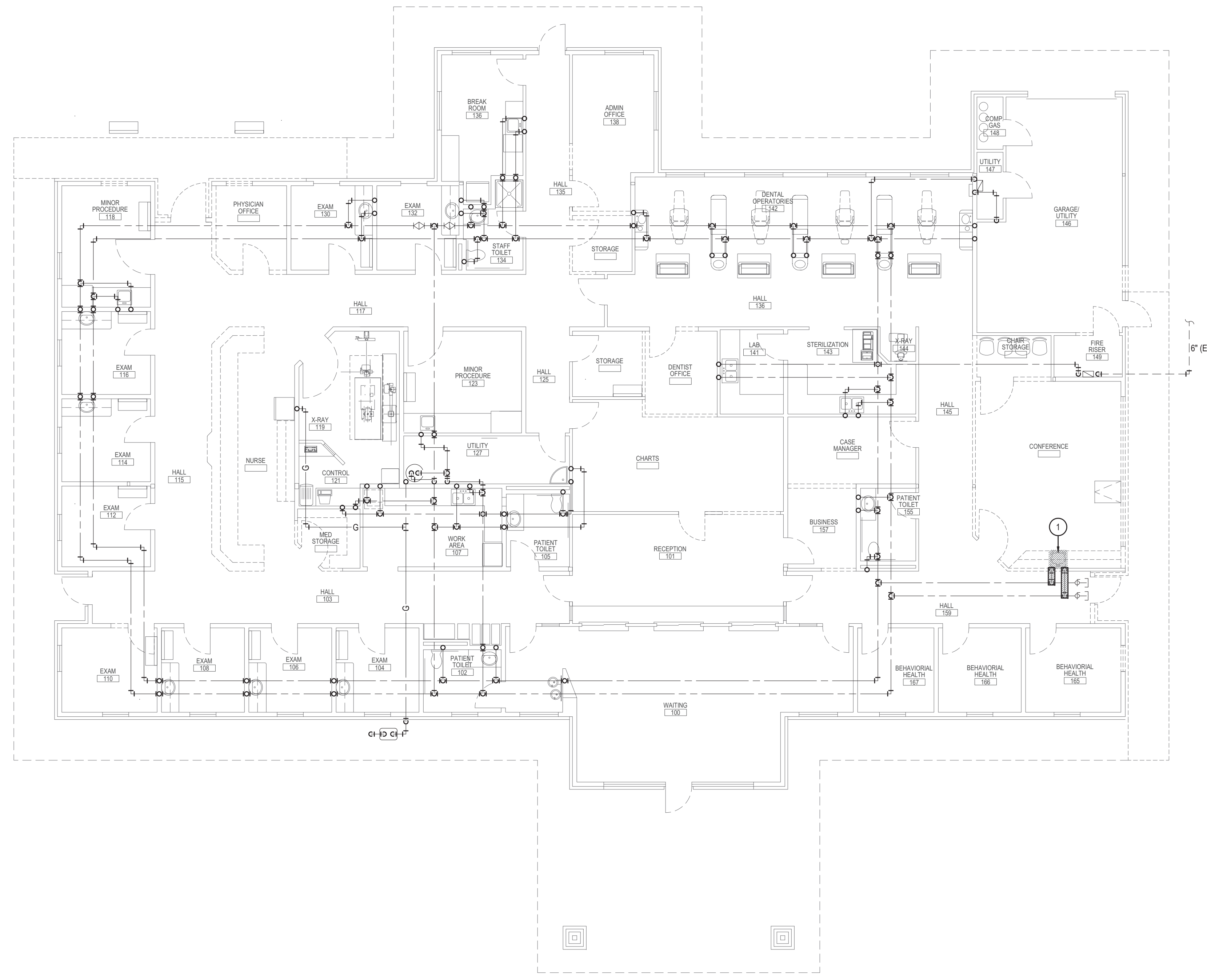
SHEET:  
**P-101**

FIRST FLOOR  
WASTE AND VENT  
DEMOLITION PLAN

**KEYED NOTES:**

○ SYMBOL USED FOR NOTE CALLOUT.

1. REMOVE EXISTING SINK, CW AND HW LINES BACK TO MAINS AND CAP.



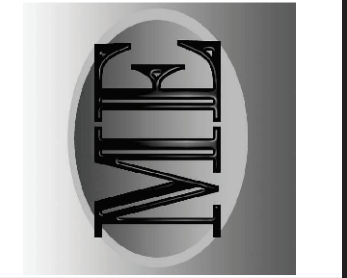
**A3** FIRST FLOOR WATER PIPING DEMOLITION PLAN  
SCALE 1/8" = 1'-0"



REVISIONS



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**DESERT SAGE HEALTH CENTER  
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MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO.: 1226.00  
SHEET:  
**P-102**  
FIRST FLOOR  
WATER PIPING  
DEMOLITION PLAN

**KEYED NOTES:**

- SYMBOL USED FOR NOTE CALLOUT.
- 1. CONNECT NEW 4" WASTE LINE TO EXISTING WASTE LINE AS NECESSARY.
- 2. CONNECT NEW LAV-1 TO EXISTING WASTE AND VENT LINE AS NECESSARY.
- 3. CONNECT NEW 2" VENT LINE TO EXISTING VENT LINE AS NECESSARY.
- 4. CONNECT NEW 2" WASTE LINE TO EXISTING WASTE LINE AS NECESSARY.
- 5. NEW 3" RD AND 3" OD LINES DOWN FROM ROOF. SEE SHEET P-203 FOR CONTINUATION.
- 6. DROP 3" RD LINE DOWN WALL AND DAYLIGHT DOWN SPOUT NOZZLE AT 12" A.F.F.
- 7. TERMINATE 3" OD LINE 2" BELOW SOFFIT. PROVIDE ESCUTCHEON AND PAINT TO MATCH SOFFIT.
- 8. LOCATE VTR IN ROOF WELL AT LEAST 10'-0" AWAY FROM AIR INTAKE ON BOTH RTUS. SEE SHEET P-203 FOR LOCATION.



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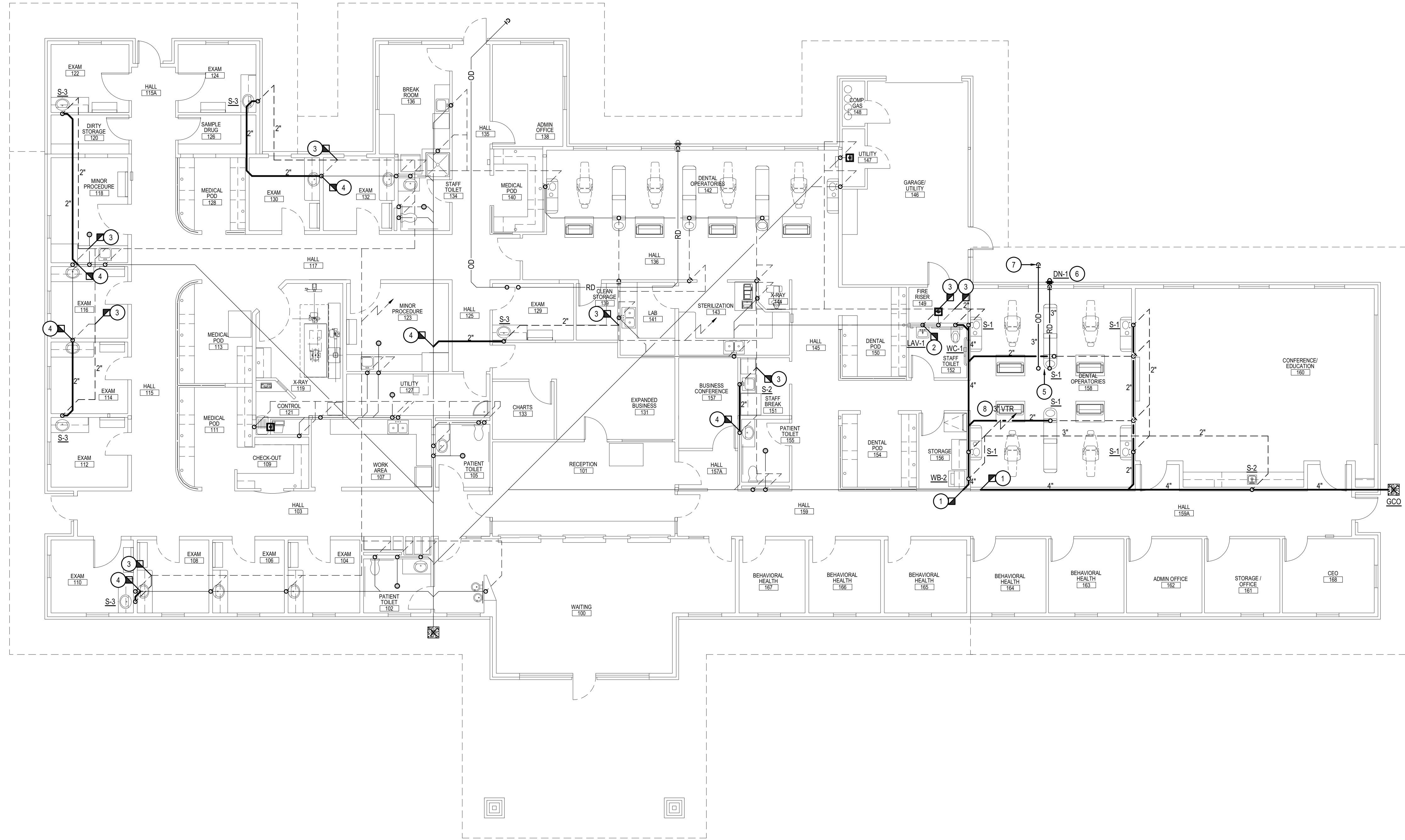
DATE: 12/14/2012

PROJECT NO: 1226.00

SHEET:

**P-201**

FIRST FLOOR  
WASTE AND VENT  
NEW WORK PLAN



**A3 FIRST FLOOR WASTE AND VENT NEW WORK PLAN**  
SCALE 1/8" = 1'-0"





**KEYED NOTES:**

- 1. SYMBOL USED FOR NOTE CALLOUT.
- 1. CONNECT NEW 1/2" CW AND 1/2" HW LINES TO EXISTING CW AND HW LINES.
- 2. CONNECT NEW 1 1/2" CW LINE TO EXISTING 1 1/2" CW LINE.
- 3. CONNECT NEW 1 1/4" HW LINE TO EXISTING 1 1/4" HW LINE.
- 4. LOCAL GAS COMPANY TO PROVIDE NEW GAS METER FOR 2-PSI MEDIUM PRESSURE GAS.
- 5. 3/4" MEDIUM PRESSURE (2-PSI) GAS LINE UP TO ABOVE. SEE SHEET P-203 FOR CONTINUATION.
- 6. NEW 2-PSI TO 7" W.C. GAS REGULATOR FOR A TOTAL OF 1,000 MBH.
- 7. CONNECT NEW 3/4" GAS LINE TO EXISTING GAS LINE.



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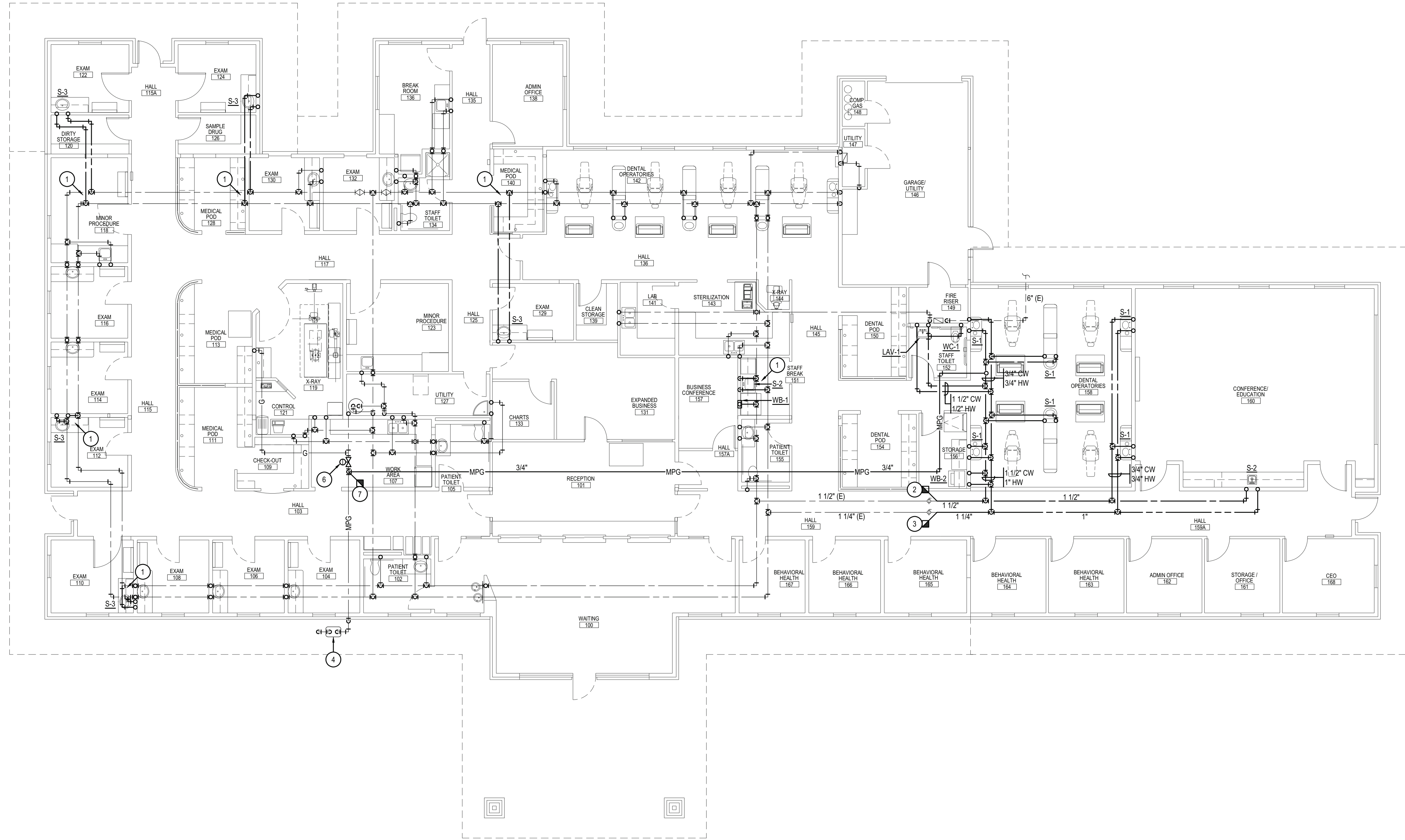
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PROJECT NO: 1226.00

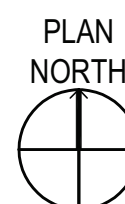
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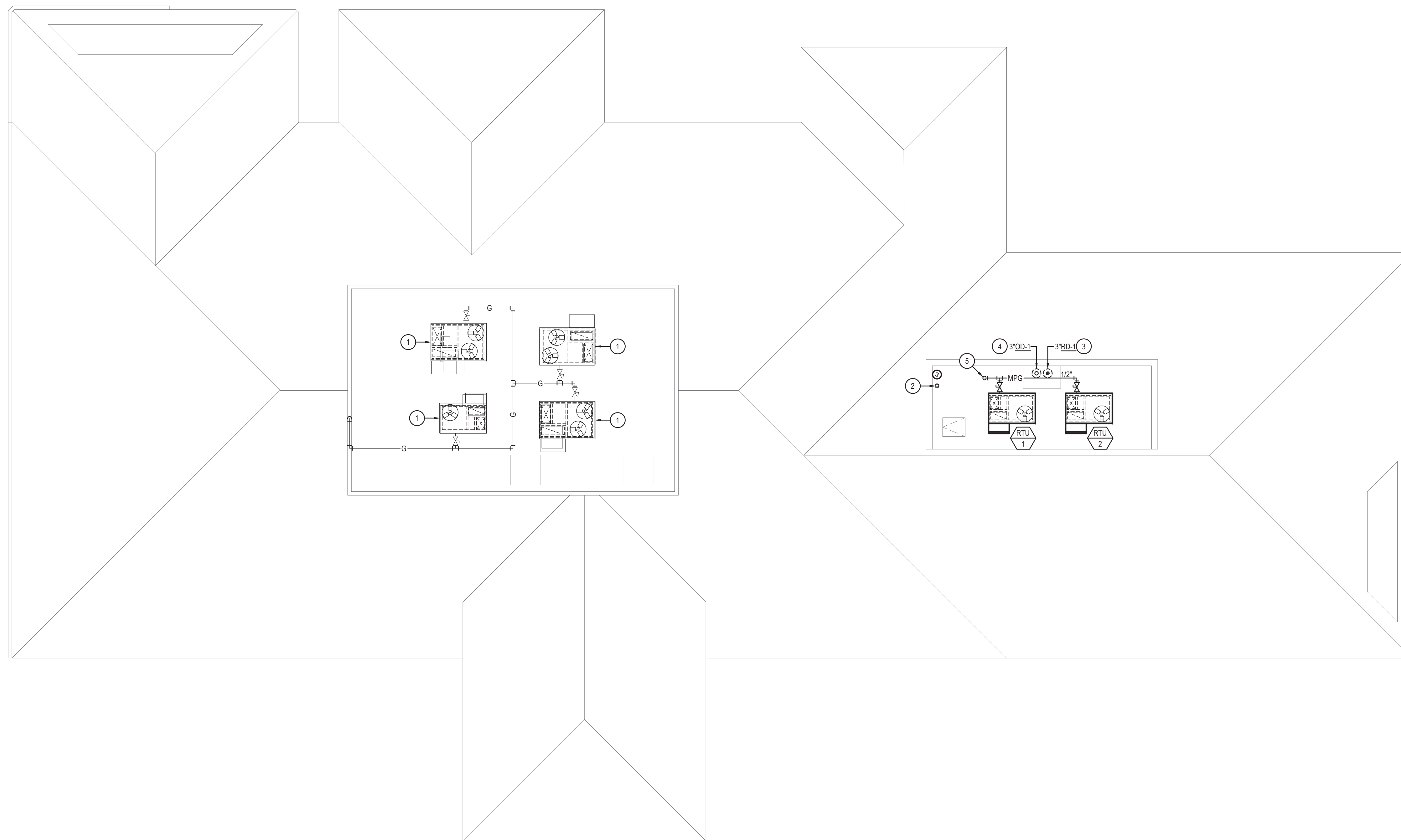
**P-202**

FIRST FLOOR  
WATER PIPING  
NEW WORK PLAN



**A3** FIRST FLOOR WATER PIPING NEW WORK PLAN  
SCALE 1/8" = 1'-0"

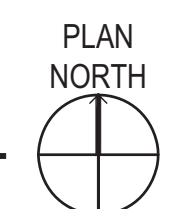




**KEYED NOTES:**

- SYMBOL USED FOR NOTE CALLOUT.
- 1. EXISTING ROOF TOP UNIT.
- 2. EXTEND 3" VTR TO JUST BELOW TOP OF PARAPET.
- 3. 3" ROOF DRAIN LINE DOWN TO BELOW. SEE SHEET P-201 FOR CONTINUATION.
- 4. 3" OVERFLOW DRAIN LINE DOWN TO BELOW. SEE SHEET P-201 FOR CONTINUATION.
- 5. 3/4" MEDIUM PRESSURE GAS LINE UP FROM BELOW. SEE SHEET P-202 FOR CONTINUATION.

**A3** NEW ROOF PLUMBING WORK PLAN  
SCALE 1/8" = 1'-0"



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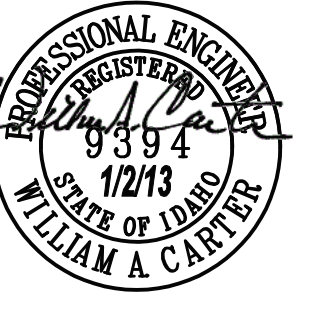
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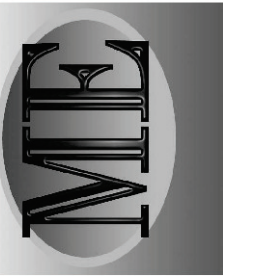
DATE: 12/14/2012  
PROJECT NO.: 1226.00  
SHEET:  
**P-203**  
NEW ROOF PLUMBING  
WORK PLAN

KEYED NOTES:

- 1. CONNECT NEW MEDICAL AIR LINE TO EXISTING MEDICAL AIR LINE BELOW FLOOR.
- 2. CONNECT NEW MEDICAL VACUUM LINE TO EXISTING MEDICAL VACUUM LINE BELOW FLOOR.
- 3. CONNECT NEW 1/2" FILTERED CW LINE TO EXISTING FILTERED CW LINE BELOW FLOOR.
- 4. CONNECT NEW 3/4" O2 LINE TO EXISTING O2 LINE BEFORE MEDICAL GAS ALARM PANEL.
- 5. CONNECT NEW 3/4" NO2 LINE TO EXISTING NO2 LINE BEFORE MEDICAL GAS ALARM PANEL.
- 6. 3/4" NO2 AND O2 DOWN TO NEW MEDICAL GAS ALARM PANEL. ALARM PANEL PROVIDED AND INSTALLED BY DENTAL EQUIPMENT SUPPLIER.
- 7. 1/2" MA, 1" MV, 1/2" O2 AND 1/2" N2O LINES UP TO ABOVE. COORDINATE EXACT LOCATION OF PENETRATIONS WITH DENTAL EQUIPMENT SUPPLIER. (TYPICAL)
- 8. 1/2" MA LINE UP TO ABOVE. COORDINATE EXACT LOCATION OF PENETRATIONS WITH DENTAL EQUIPMENT SUPPLIER. (TYPICAL).
- 9. 1/2" FCW LINEUP TO ABOVE. COORDINATE EXACT LOCATION OF PENETRATIONS WITH DENTAL EQUIPMENT SUPPLIER. (TYPICAL).



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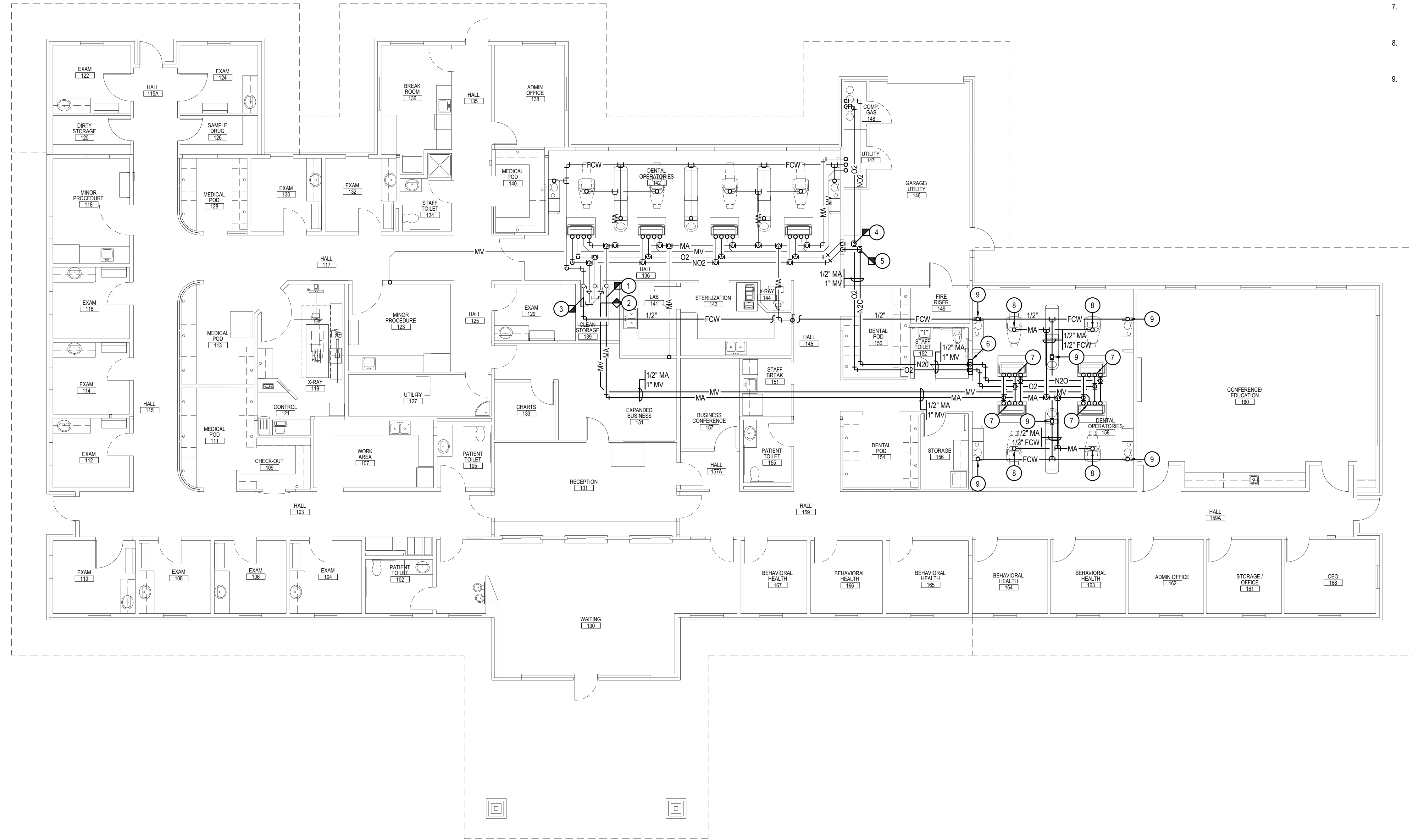
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PROJECT NO: 1226.00

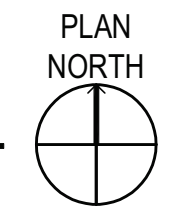
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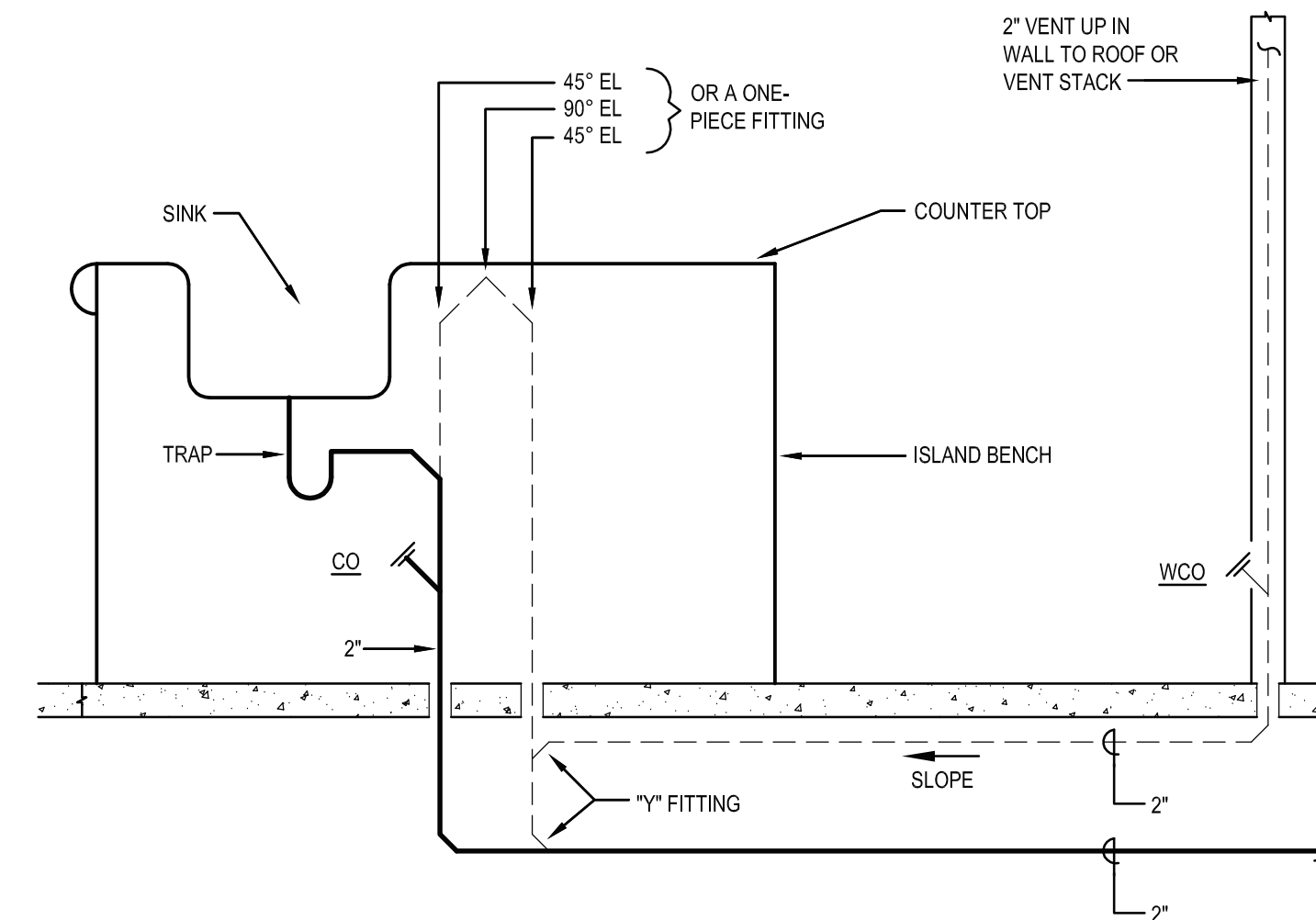
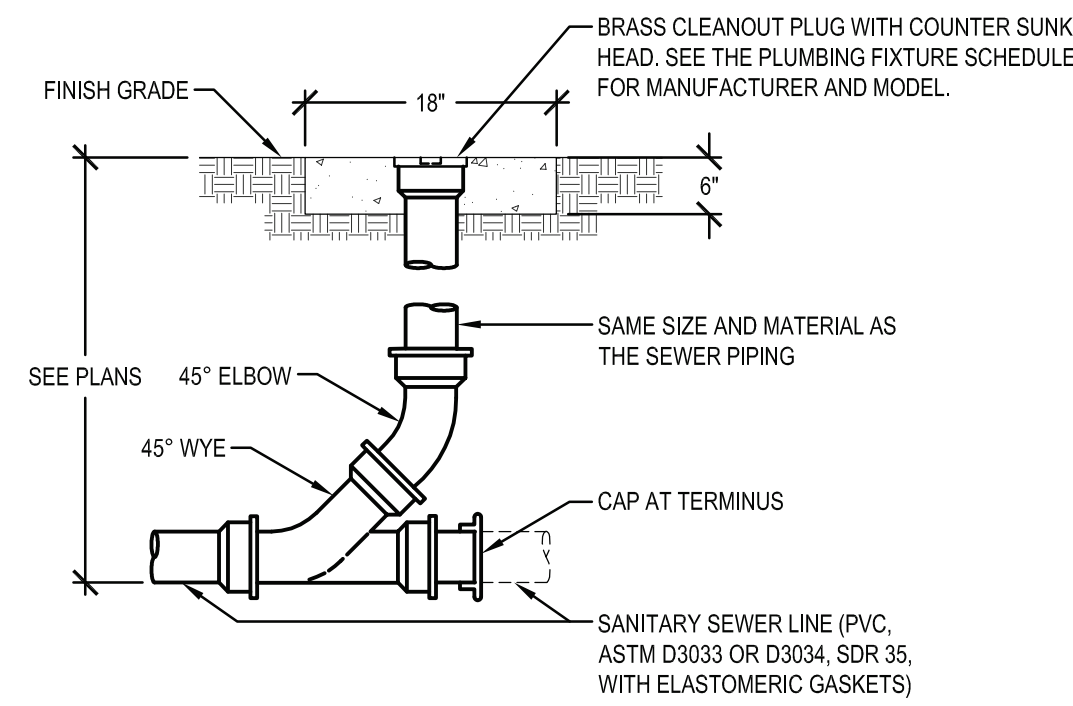
P-301

FIRST FLOOR  
MEDICAL GAS PLAN

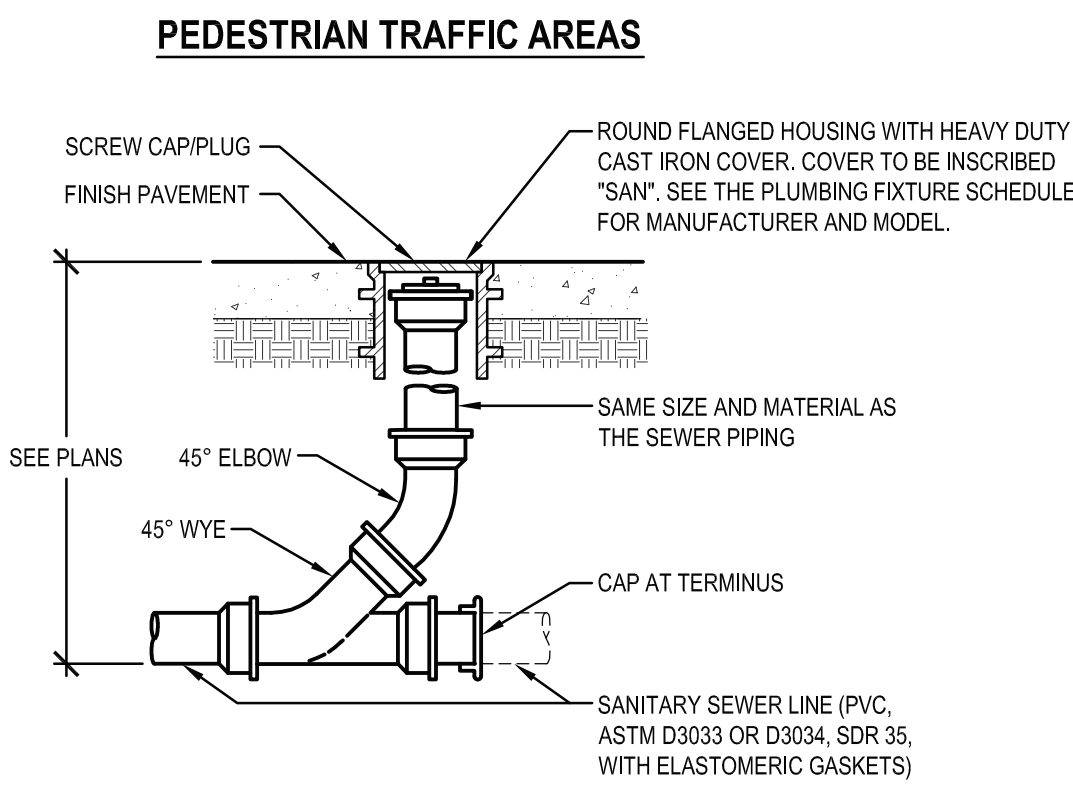


**A3** FIRST FLOOR MEDICAL GAS PLAN  
SCALE 1/8" = 1'-0"



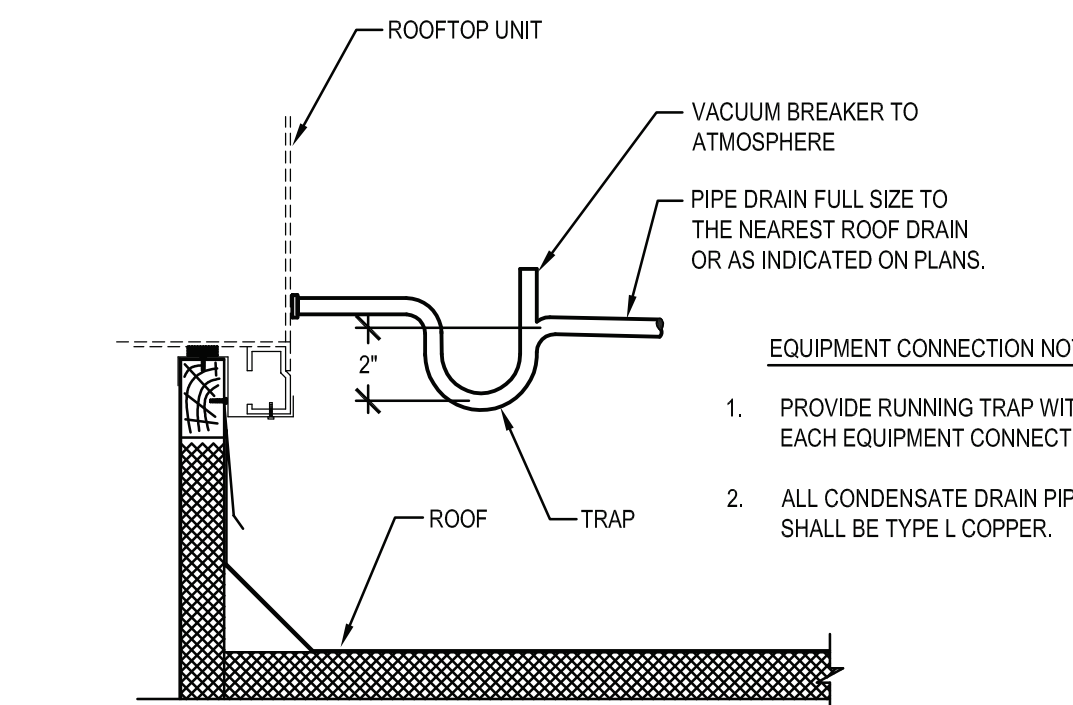


**1 ISLAND SINK FOOT VENT DETAIL**  
NOT TO SCALE REFER TO 2003 UPC, SECTION 909



**3 WALL CLEANOUT (WCO) DETAIL**  
NOT TO SCALE

**2 GRADE CLEANOUT (GCO) DETAIL**  
NOT TO SCALE



**APPROVED PIPE SUPPORT SYSTEMS:**

MIRO MODEL 1.5 WITH SPACERS,  
MIRO INDUSTRIES 1-800-768-6978

ADVANCED SUPPORT PRODUCTS  
ASP, INC. 1-800-941-5737

VERSABLOCK BY FREEDOM INC.,  
VERSABLOCK.COM 1-866-612-5625 OR  
1-208-861-0229

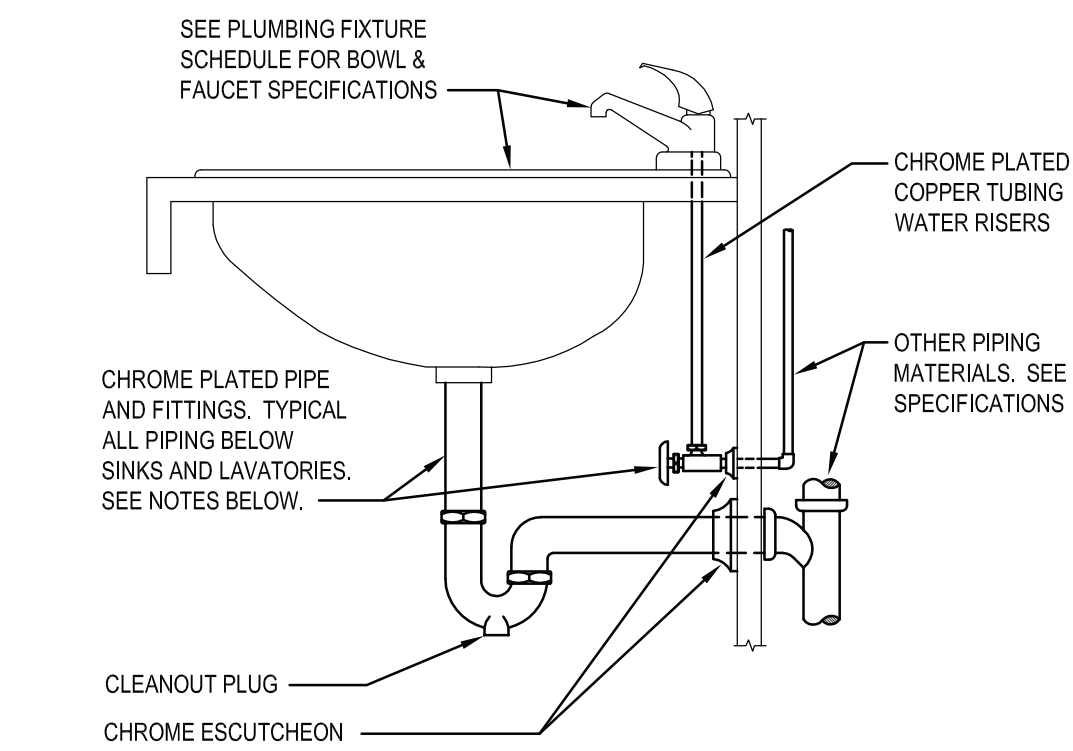
**EQUIPMENT CONNECTION NOTES:**

- PROVIDE RUNNING TRAP WITH AIR VENT AT EACH EQUIPMENT CONNECTION.
- ALL CONDENSATE DRAIN PIPING ON ROOF SHALL BE TYPE L COPPER.

**PIPE SUPPORTS SHALL BE AS FOLLOWS:**

SIZE OF PIPE	SUPPORT REQUIRED
1/2"	6' O.C.
3/4" - 1"	8' O.C.
1 1/4"	10' O.C.
OR LARGER	

**4 CONDENSATE DRAIN DETAIL - ROOFTOP UNIT**  
NOT TO SCALE



**NOTES:**

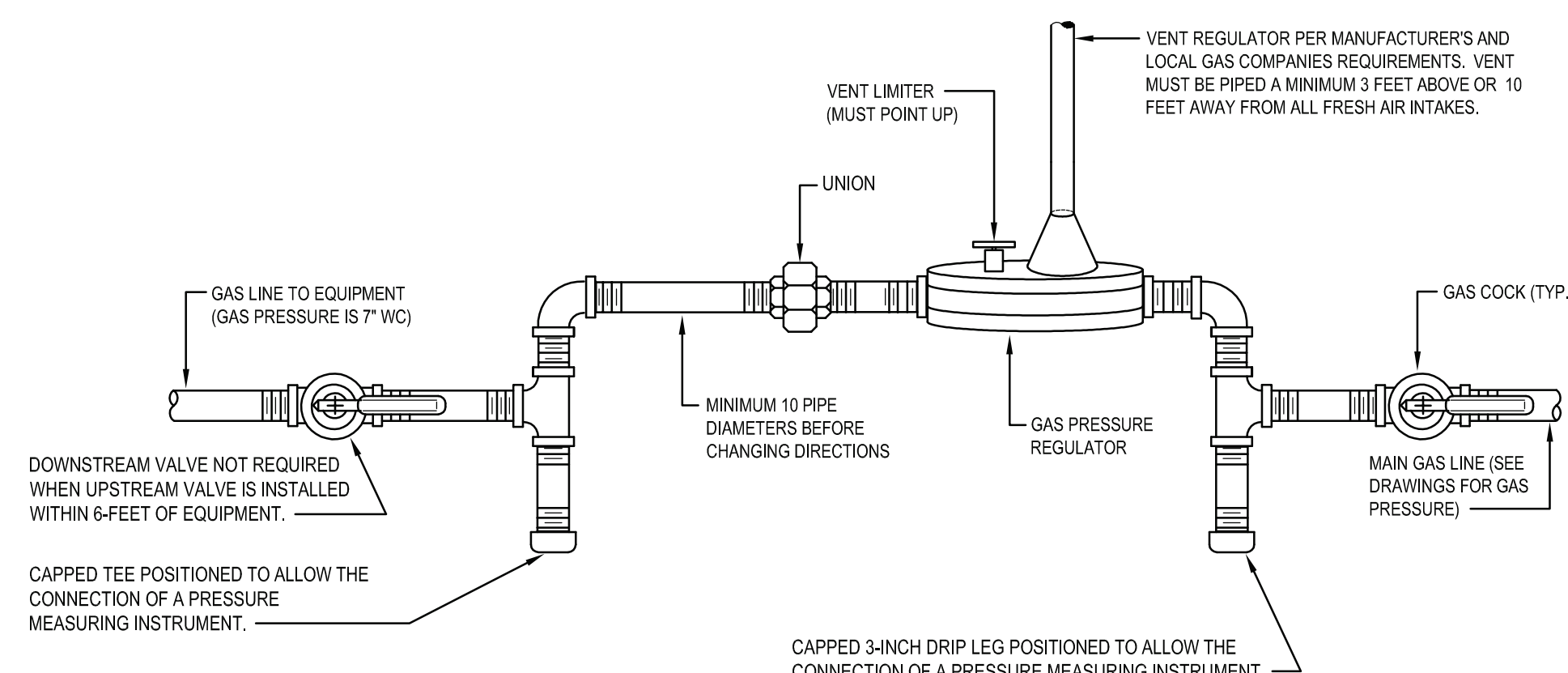
- INTERIOR EXPOSED PIPE, VALVES AND FIXTURE TRIM, INCLUDING TRIM BEHIND CASEWORK DOORS SHALL BE CHROME PLATED.
- ALL PIPING PENETRATIONS THROUGH FINISHED WALLS SHALL BE PROVIDED WITH CHROME ESCUTCHEONS.
- ALL SINK TRAPS SHALL BE PROVIDED WITH A CLEANOUT PLUG IN THE BOTTOM OF THE TRAP.
- ALL PLUMBING FIXTURES SHALL BE CAULKED AND SEALED TO SURROUNDING SURFACES.

**5 SINK/LAVATORY TAILPIECE & TRAP DETAIL**  
NOT TO SCALE

SYMBOL	FIXTURE DESCRIPTION	CONNECTION SIZE					MANUFACTURER / MODEL NUMBER / DESCRIPTION / ADDITIONAL COMMENTS
		WASTE	VENT	TRAP	CW	HW	
DN-1	DOWN SPOUT NOZZLE	--	--	--	--	--	JAY R. SMITH FIGURE NUMBER 1770-PB, CAST IRON NOZZLE WITH WALL FLANGE, POLISHED BRONZE FINISH.
GCO	GRADE CLEANOUT (NON-PAVED AREAS)	SEE PLANS	--	--	--	--	JAY R. SMITH 4220 SERIES WITH ABS PLUG.
GCO	GRADE CLEANOUT (PAVED AREAS)	SEE PLANS	--	--	--	--	JAY R. SMITH 4250 SERIES, ROUND FLANGED HOUSING WITH HEAVY DUTY CAST IRON COVER, FURNISH WITH ABS PLUG, COVER TO BE INSCRIBED "SAN".
LAV-1	LAVATORY (WALL MOUNTED) (ADA COMPLIANT)	1 1/2	1 1/2	1 1/4	1/2	1/2	KOHLER KINGSTON MODEL K-2005; VITREOUS CHINA, WALL MOUNTED, HOLES ON 4" CENTERS, AND GRID STRAINER, KOHLER CORALIS MODEL K-15198; 4 1/2" LONG, SINGLE LEVER FAUCET WITH .5 GPM AERATOR, PROVIDE WITH JAY R. SMITH FIGURE NUMBER 0700 SUPPORT WITH CONCEALED ARMS AND WATTS SERIES USG-B THERMOSTATIC MIXING VALVE, ASSE STANDARD 1016 LISTED, BRONZE BODY, INTEGRAL CHECK VALVES, AND SELECTABLE TEMPERATURE RANGE FROM 80°F TO 120°F.
OD-1	OVERFLOW ROOF DRAIN (LOW PROFILE DOME STYLE) (METAL GRATE)	--	--	--	--	--	JAY R. SMITH FIGURE NUMBER 1070Y-R-CS-CID WITH CAST IRON DOME GRATE AND RAIN SHIELD.
RD-1	ROOF DRAIN (LOW PROFILE DOME STYLE) (METAL GRATE)	--	--	--	--	--	JAY R. SMITH FIGURE NUMBER 1010Y-R-C-CID WITH CAST IRON DOME GRATE.
S-1	DENTAL SINK	2	1 1/2	1 1/2	1/2	1/2	SUPPLIED BY DENTAL EQUIPMENT SUPPLIER, ROUGH-IN AND CONNECTED BY PLUMBING CONTRACTOR.
S-2	SINK - SINGLE COMPARTMENT (15" X 17" X 6 1/2") (ADA COMPLIANT)	2	1 1/2	1 1/2	1/2	1/2	ELKAY LUSTERTONE MODEL LRAD-1517; 6 1/2" DEEP STAINLESS STEEL SINK, ELKAY MODEL LK-3001 SINGLE LEVER FAUCET, SWING SPOUT, AND HOSE SPRAY, PROVIDE WITH ELKAY MODEL LK-35 CHROME PLATED TAILPIECE AND STAINLESS STEEL BASKET.
S-3	EXAM SINK	2	1 1/2	1 1/2	1/2	1/2	KOHLER PENNINGTON MODEL K-2196-4; DELTA MODEL 501-WF-HGM-HDF SINGLE LEVER FAUCET WITH .5 GPM VANDEL RESISTANT AERATOR, PROVIDE WITH KOHLER MODEL K-13855 OFFSET GRID DRAIN ASSEMBLY.
WB-1	WALL BOX (WATER SUPPLY TO ICE MAKER)	--	--	--	1/2	--	OATEY FIREMASTER MODEL 38490 WITH FACEPLATE, ADJUSTABLE METAL SUPPORT BRACKET, AND WATER HAMMER ARRESTOR, FIRE-RATED, OR APPROVED EQUAL.
WB-2	WALL BOX (SUPPLY TO AND DRAIN FROM WASHING MACHINE)	2	1 1/2	2	1/2	1/2	OATEY FIREMASTER MODEL 38478 WITH ADJUSTABLE METAL SUPPORT BRACKET, AND WATER HAMMER ARRESTORS, FIRE RATED, OR APPROVED EQUAL.
WC-1	WATER CLOSET (FLUSH VALVE) (FLOOR MOUNTED) (COMFORT HEIGHT / ADA COMPLIANT)	3	2	INT.	1	--	KOHLER HIGHCREST MODEL K-4302 / FLOOR MOUNTED, WITH ELONGATED BOWL, KOHLER LUSTRA MODEL K-4666-C / ELONGATED OPEN FRONT SEAT WITH HINGE, SLOAN REGAL XL MODEL 111 FLUSHMETER.
WCO	WALL CLEANOUT	SEE PLANS	--	--	--	--	JAY R. SMITH 4472T SERIES WITH CAST BRONZE TAPER THREAD PLUG, STAINLESS STEEL ROUND COVER, AND A STAINLESS STEEL VANDAL PROOF SCREW.

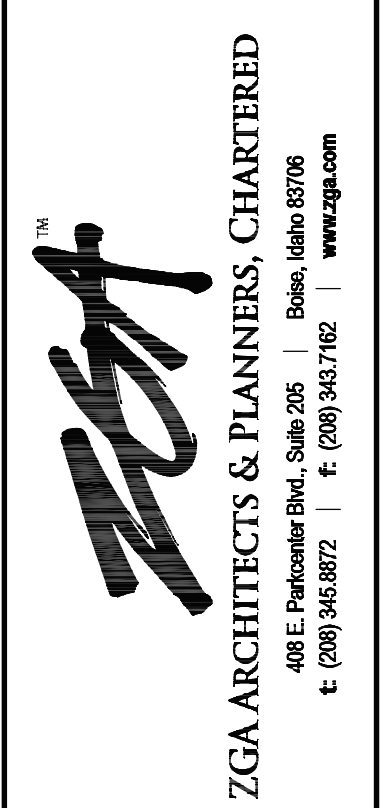
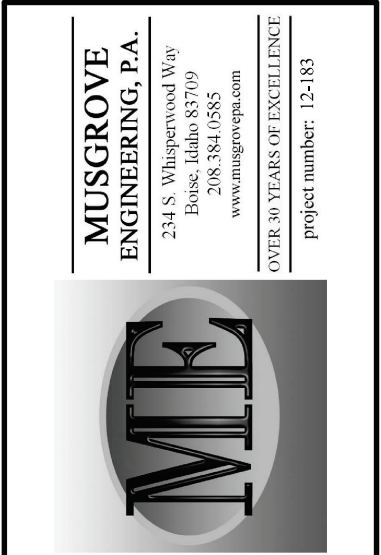
**NOTES:**

- ALL ADA COMPLIANT FIXTURES MUST COMPLY WITH ICC/ANSI A117.1. SEE ARCHITECTURAL PLANS FOR HANDICAPPED FIXTURE DESIGNATIONS, LOCATIONS, CLEARANCES, AND MOUNTING HEIGHTS.
- ALL EXPOSED HW PIPING AND DRAIN LINES BENEATH ALL LAVATORIES AND ALL ADA COMPLIANT SINKS MUST BE INSULATED TO PREVENT BURNS. REFER TO ARCHITECTURAL PLANS. INSULATE WITH MOLDED CLOSED CELL VINYL INSULATION - TRUEBRO, PLUMBEREX, OR EQUAL.
- PROVIDE P-TRAP PRIMERS FOR ALL FLOOR DRAINS AND FLOOR SINKS (PPP INC. OR EQUAL), USE ZURN P-6000-TPO (OR EQUAL) IF FLUSH VALVES ARE PRESENT. PROVIDE A BALL TYPE SHUT-OFF VALVE UPSTREAM OF PRIMER VALVE.
- SEE SPECIFICATIONS FOR ALTERNATE APPROVED MANUFACTURERS.
- HIGH EFFICIENCY WATER HEATERS: PROVIDE WITH CONDENSATE NEUTRALIZATION KIT BY JJM BOILER WORKS MODEL JM (OR EQUAL), SIZED PER EQUIPMENT CAPACITY.
- BACKFLOW PREVENTION: THIS BUILDING IS PROVIDED WITH A BACKFLOW PREVENTION DEVICE ON THE MAIN WATER SERVICE AND REDUCED PRESSURE BACKFLOW PREVENTION ON THE FOLLOWING PIECES OF EQUIPMENT:



**6 GAS PRESSURE REGULATOR DETAIL**  
NOT TO SCALE

REVISIONS



**DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL**  
MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO.: 1226.00  
SHEET: **P-401**  
PLUMBING SCHEDULES AND DETAILS

ELECTRICAL SYMBOLS LIST

Table with 2 columns: SYMBOL and DESCRIPTION. Lists various electrical symbols such as PHOTOCELL, TIME CLOCK, OCCUPANCY SENSOR, MECHANICAL 3V SYSTEM PILOT CONTROLLER, etc.

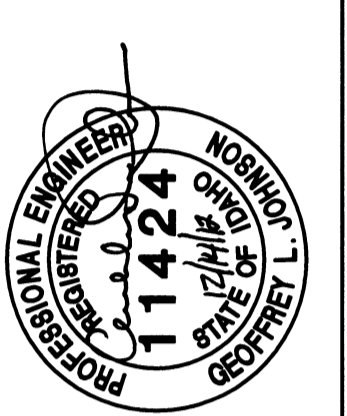
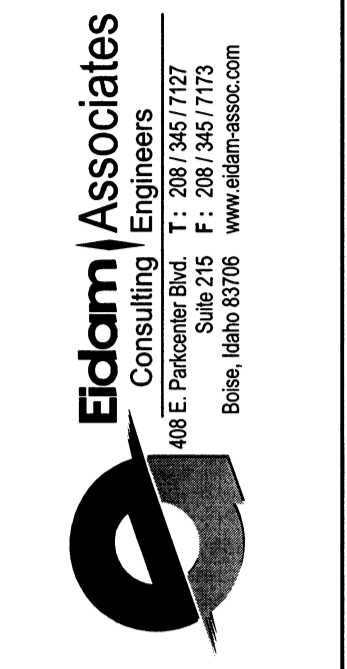
\* SEE SPECIFICATION SECTION 260533 FOR ADDITIONAL CONDUIT REQUIREMENTS  
ELECTRICAL SYMBOLS LIST GENERAL NOTES:  
1. HEIGHTS INDICATED ARE TO CENTER OF ITEM.  
2. EXISTING ELECTRICAL ITEMS INDICATED WITH SHORT DASHED LINES.

ELECTRICAL SYMBOLS LIST

Table with 2 columns: SYMBOL and DESCRIPTION. Lists various electrical symbols such as LIGHTING OUTLET AND FIXTURE, PORCELAIN LAMP HOLDER, RECESSED ROUND LIGHTING OUTLET, etc.

INDEX OF DRAWINGS

Table with 2 columns: SHEET and DESCRIPTION. Lists drawing sheets such as E0.0 ELECTRICAL COVER SHEET, E2.0D ELECTRICAL DEMOLITION PLAN, etc.



DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO

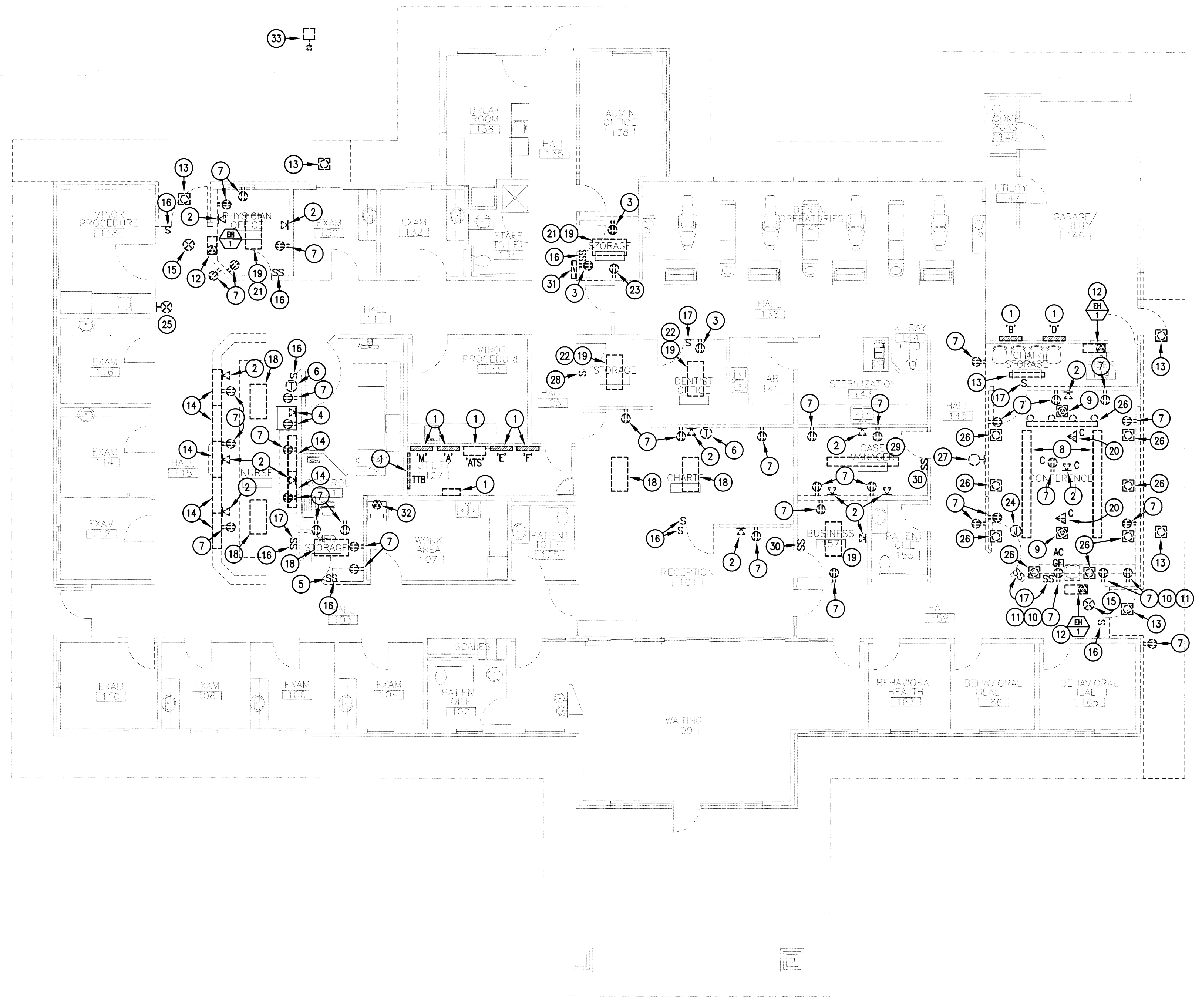
Table with 2 columns: DATE and PROJECT NO. DATE: 12/14/2012, PROJECT NO: 1226.00. SHEET: E0.0 ELECTRICAL COVER SHEET

**GENERAL SHEET NOTES**

1. REMOVE ALL EXISTING DEVICES IN AREAS OF DEMOLITION SHOWN UNLESS OTHERWISE NOTED ON OTHER PLANS.
2. PROTECT EXISTING DEVICES AND CONNECTIONS TO REMAIN DURING CONSTRUCTION TO THE FURTHEST EXTENT POSSIBLE. WHERE EXISTING DEVICES THAT ARE TO REMAIN ARE DAMAGED BY CONTRACTOR, CONTRACTOR SHALL REPLACE DEVICE AND/OR CONNECTION WITH NEW COMPATIBLE WITH EXISTING SYSTEM(S).
3. WHERE EXISTING DEVICES AND CONNECTIONS ARE AFFECTED BY OTHER DEMOLITION WORK, EXTEND CONNECTIONS TO EXISTING TO REMAIN DEVICES AND RECONNECT TO KEEP ACTIVE. EXISTING DEVICES IN AREAS OF NO DEMOLITION MAY BE AFFECTED BY DEMOLITION AND AS SUCH SHALL BE MAINTAINED IN OPERATION DURING AND AFTER CONSTRUCTION COMPLETION.
4. WHERE DEMOLITION IS INDICATED FOR DEVICES IN MASONRY WALL CONSTRUCTION, REMOVE DEVICE AND CONNECTIONS AND ABANDON BOX IN-PLACE IN WALL. FURNISH AND INSTALL BLANK COVERPLATE ON ABANDONED BOX.
5. ALL UNUSED/ABANDONED CONDUCTORS INSTALLED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS.
6. WHERE ALL DEVICES AND CONNECTIONS ON A CIRCUIT ARE REMOVED, REMOVE HOMERUN CONDUCTORS BACK TO RESPECTIVE PANELBOARD. MAKE RESPECTIVE CIRCUIT BREAKER/DISCONNECT SWITCH SPARE AND UPDATE DIRECTORY/LABEL AS NECESSARY.
7. WHERE DEVICE DEMOLITION IS SHOWN IN WALLS TO REMAIN, REMOVE DEVICE AND ALL RESPECTIVE CONNECTIONS AND ABANDON BOX/CONDUIT IN PLACE. FURNISH AND INSTALL BLANK COVERPLATE ON ABANDONED BOX.
8. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR DETAILED INSTRUCTIONS RESPECTIVE TO WALL, FLOOR, AND CEILING SCOPE OF WORK.

**SHEET KEYNOTES**

- 1 EXISTING ELECTRICAL PANEL/DEVICE TO REMAIN. SHOWN FOR REFERENCE ONLY.
- 2 DISCONNECT AND REMOVE DATA OUTLET AND RELATED CIRCUIT.
- 3 DISCONNECT AND REMOVE RECEPTACLE AND CIRCUIT TO FIRST SPLICE. INTERCEPT AND EXTEND CIRCUIT AS REQUIRED TO RE-ENERGIZE DOWN STREAM PORTION OF CIRCUIT INTERRUPTED AS A RESULT OF WORK RELATING TO THIS PROJECT. SEE POWER PLAN FOR RELATED NEW WORK.
- 4 EXISTING DEVICE AND RELATED CIRCUIT TO REMAIN. REPOSITION AS REQUIRED TO FIT IN KNEESPACE OF NEW MILLWORK. SEE POWER AND SPECIAL SYSTEMS PLANS FOR NEW WORK.
- 5 DISCONNECT AND REMOVE SWITCH AND RELATED SWITCH CIRCUIT. SEE POWER PLAN FOR NEW SWITCH AND CONTROL CIRCUIT FOR EXISTING EXHAUST FAN.
- 6 DISCONNECT AND RELOCATE THERMOSTAT. INTERCEPT AND EXTEND RELATED CIRCUIT TO NEW LOCATION. SEE POWER PLAN FOR RELATED NEW WORK.
- 7 DISCONNECT AND REMOVE RECEPTACLE AND RELATED CIRCUIT BACK TO FIRST SPLICE.
- 8 DISCONNECT AND REMOVE EXISTING LUMINAIRE AND REMOVE RELATED CIRCUIT TO FIRST SPLICE. REMOVED LUMINAIRE TO BE REUSED IN NEW CONFERENCE EDUCATION ROOM. EXISTING CIRCUIT TO BE REUSED IN THIS AREA. SEE LIGHTING PLAN FOR NEW LUMINAIRE LAYOUT AND CIRCUITING IN THIS AREA.
- 9 DISCONNECT AND REMOVE FLOOR MOUNTED OUTLETS/BOXES AND RELATED CIRCUITS TO FIRST SPLICE. PATCH AND REPAIR RESULTING HOLES IN FLOOR. ABANDON RELATED IN-FLOOR OR UNDERSLAB CONDUIT IN-PLACE.
- 10 PATCH HOLE RESULTING FROM REMOVED OUTLET. PAINT TO MATCH WALL.
- 11 ABANDON RELATED CONDUIT IN-PLACE IN WALL THAT REMAINS.
- 12 DISCONNECT AND RELOCATE EXISTING ELECTRIC WALL HEATER. SEE SHEET E2.0M FOR RELATED NEW WORK.
- 13 DISCONNECT AND REMOVE RECESSED LUMINAIRE. INTERCEPT AND EXTEND CIRCUIT AS REQUIRED TO RE-ENERGIZE DOWNSTREAM PORTION OF CIRCUIT THAT IS INTERRUPTED AS A RESULT OF WORK RELATING TO THIS PROJECT. REMOVED LUMINAIRE SHALL BE REUSED AS SHOWN ON LIGHTING PLAN.
- 14 DISCONNECT AND REMOVE UNDERCABINET LUMINAIRE. REMOVE RELATED CIRCUIT BACK TO FIRST SPLICE.
- 15 DISCONNECT AND RELOCATE EXIT SIGN. INTERCEPT EXISTING CIRCUIT AND EXTEND TO NEW LOCATION. SEE LIGHTING PLAN FOR NEW LOCATION AND RELATED NEW WORK.
- 16 DISCONNECT AND RELOCATE EXISTING SWITCH AND RELATED SWITCH CIRCUIT. SEE LIGHTING PLAN FOR NEW WORK RELATED TO PROVIDING AND INSTALLING RELOCATED SWITCH.
- 17 DISCONNECT AND REMOVE EXISTING SWITCH AND RELATED CIRCUIT.
- 18 DISCONNECT AND REMOVE EXISTING LUMINAIRE WHILE WALL AND CEILING WORK IS BEING COMPLETED. AFTER WORK IS COMPLETE, REINSTALL LUMINAIRE AND RECONNECT TO EXISTING CIRCUIT. SEE SHEET E2.0L FOR RELATED NEW WORK.
- 19 DISCONNECT AND REMOVE EXISTING LUMINAIRE. AFTER WALL AND CEILING WORK IS COMPLETE, INSTALL NEW LUMINAIRE. RE-USE REMOVED LUMINAIRE IN DIFFERENT LOCATION. SEE LIGHTING PLAN FOR NEW WORK.
- 20 DISCONNECT AND RELOCATE EXISTING SPEAKER TO NEW CONFERENCE ROOM. REMOVE RELATED CIRCUIT.
- 21 RE-USE IN NEW EXAM ROOM 122 OR 124. SEE LIGHTING PLAN FOR RELATED NEW WORK.
- 22 RE-USE IN NEW STORAGE 152 OR CHAIR STORAGE 162. SEE LIGHTING PLAN FOR RELATED NEW WORK.
- 23 REPLACE EXISTING DUPLEX RECEPTACLE WITH NEW 4-PLEX RECEPTACLE. EXISTING CIRCUIT TO REMAIN. SEE SHEET E2.0P FOR NEW WORK.
- 24 EXISTING JUNCTION BOX WITH EXISTING CIRCUIT TO REMAIN. DISCONNECT AND REMOVE CIRCUIT DOWNSTREAM TO FIRST SPLICE. SEE SHEET E2.0P FOR NEW WORK.
- 25 EXISTING EXIT SIGN TO REMAIN. DISCONNECT AND REMOVE CIRCUIT TO FIRST SPLICE. RE-CIRCUIT. SEE SHEET E2.0L FOR RELATED NEW WORK.
- 26 DISCONNECT AND REMOVE EXISTING LUMINAIRE AND REMOVE RELATED CIRCUIT BACK TO FIRST SPLICE.
- 27 DISCONNECT AND REMOVE EXISTING LUMINAIRE. REMOVE RELATED EXISTING CIRCUIT BACK TO FIRST SPLICE. RELOCATE LUMINAIRE TO NEW LOCATION. SEE SHEET E2.0L FOR NEW LOCATION AND RELATED NEW WORK.
- 28 CHANGE SINGLE LIGHT SWITCH TO 2 LIGHT SWITCHES. SEE E2.0L FOR NEW WORK.
- 29 DISCONNECT AND REMOVE EXISTING LUMINAIRE. REUSE LUMINAIRE IN NEW CONFERENCE EDUCATION ROOM. EXISTING CIRCUIT TO REMAIN. SEE SHEET E2.0L FOR NEW WORK IN THIS AREA.
- 30 DISCONNECT AND REMOVE ONE SWITCH AND RELATED CONTROL CIRCUIT. SECOND SWITCH TO REMAIN. PROVIDE NEW CONTROL CIRCUIT. PROVIDE AND INSTALL NEW COVER PLATE FOR A SINGLE SWITCH. SEE SHEET E2.0L FOR NEW WORK IN THIS AREA.
- 31 DISCONNECT AND RELOCATE EXISTING EMPLOYEE TIME CLOCK. INTERCEPT AND EXTEND RELATED CIRCUITS TO NEW LOCATION. MAKE ALL REQUIRED CONNECTIONS. SEE SHEET E2.0P.
- 32 DISCONNECT AND REMOVE STACKED WASHER/DRYER AND RELOCATE TO NEW STORAGE 156. INTERCEPT EXISTING CIRCUIT AND EXTEND TO NEW LOCATION. PROVIDE AND MAKE ALL REQUIRED CONNECTIONS.
- 33 DISCONNECT AND RELOCATE EXISTING EXTERIOR SITE LIGHTING POLE AND BASE WITH LUMINAIRE. SEE SHEET E2.0L FOR NEW LOCATION AND RELATED NEW WORK.



**ELECTRICAL DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"

THIS PLAN REPRESENTS EXISTING DEVICE AND EQUIPMENT LOCATIONS AS CLOSELY AS REASONABLY DISCERNIBLE AND IS PROVIDED FOR CONTRACTOR INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN VERIFICATION OF EXISTING CONDITIONS PRIOR TO BID.

REVISIONS

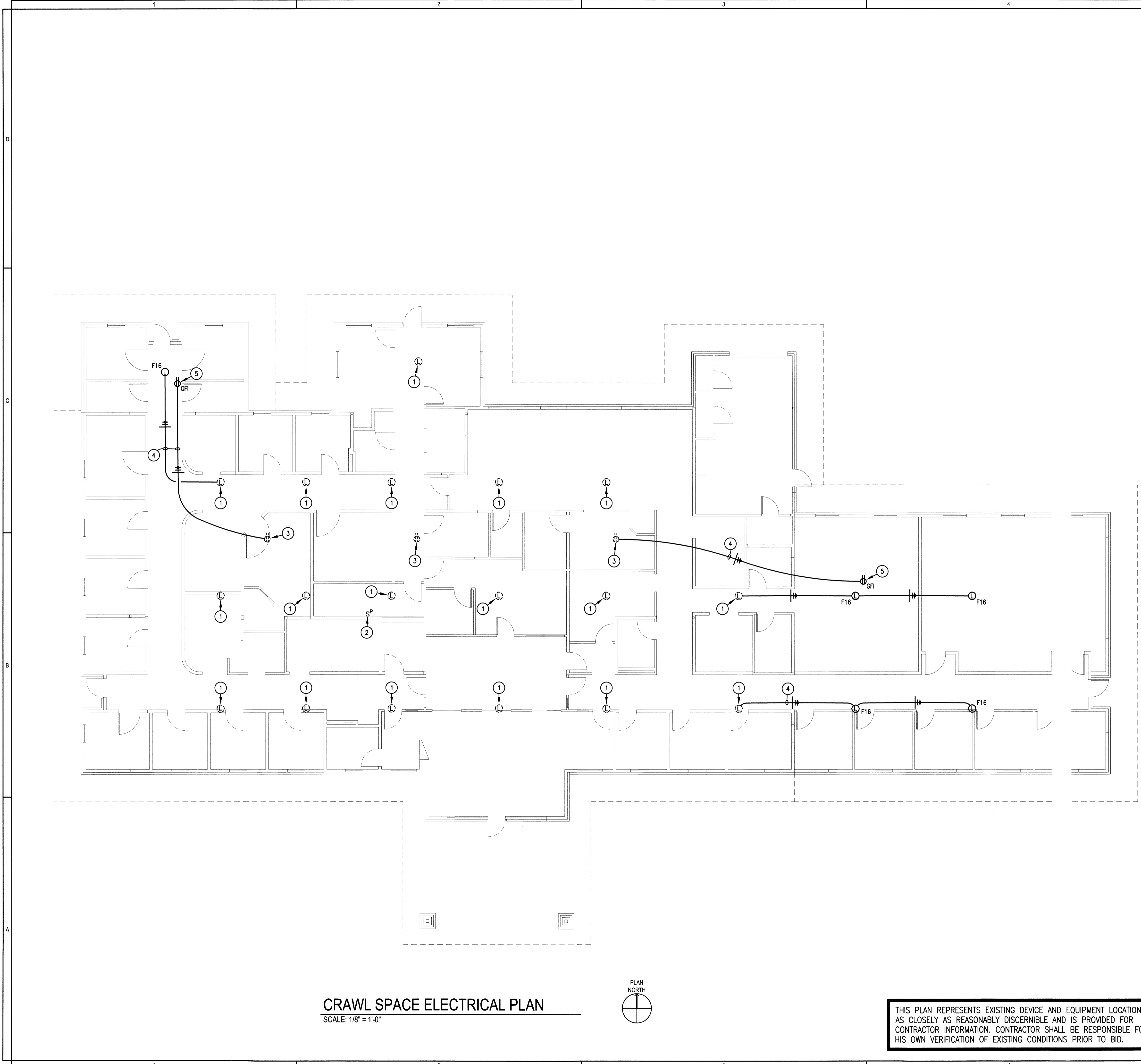
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MOUNTAIN HOME, IDAHO

DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET: **E2.0D**  
ELECTRICAL DEMOLITION PLAN



**CRAWL SPACE ELECTRICAL PLAN**  
SCALE: 1/8" = 1'-0"



THIS PLAN REPRESENTS EXISTING DEVICE AND EQUIPMENT LOCATIONS AS CLOSELY AS REASONABLY DISCERNIBLE AND IS PROVIDED FOR CONTRACTOR INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN VERIFICATION OF EXISTING CONDITIONS PRIOR TO BID.

**GENERAL SHEET NOTES**

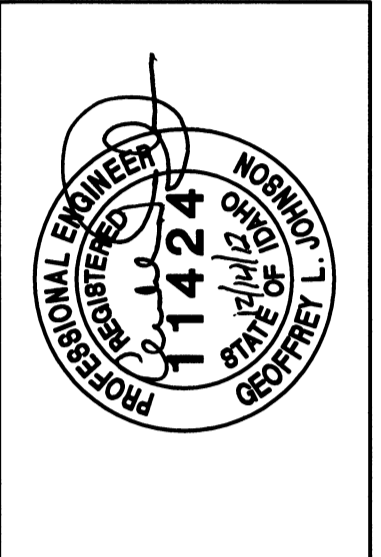
1. MULTI-WIRE BRANCH CIRCUITS SHALL NOT BE UTILIZED FOR LINE TO NEUTRAL LOADS. DEDICATED NEUTRAL CONDUCTORS SHALL BE PROVIDED FOR ALL CIRCUITS.
2. REFER TO ARCHITECTURAL CODE PLANS FOR LOCATIONS OF FIRE-RATED ASSEMBLIES.
3. PENETRATIONS OF FIRE-RATED ASSEMBLIES SHALL BE PERFORMED IN ACCORDANCE WITH UL REQUIREMENTS AND DIVISION 7 SPECIFICATIONS.

**SHEET KEYNOTES**

- 1 EXISTING LAMP HOLDER WITH BARE LAMP IN CRAWL SPACE. MOUNTED ON UNDERSIDE OF FLOOR. FIELD VERIFY LOCATION AS REQUIRED TO COMPLETE NEW ELECTRICAL WORK SHOWN.
- 2 EXISTING WALL MOUNTED SWITCH WITH PILOT LIGHT FOR CRAWL SPACE LIGHTING CONTROL. MOUNTED ON WALL IN UTILITY 127 NEAR CRAWL SPACE ACCESS PANEL. SHOWN FOR REFERENCE.
- 3 EXISTING CONVENIENCE OUTLET IN CRAWL SPACE. VERIFY LOCATION AS REQUIRED TO COMPLETE NEW WORK SHOWN. REPLACE EXISTING DEVICE WITH NEW GFI TYPE.
- 4 INTERCEPT EXISTING CIRCUIT AND EXTEND TO NEW DEVICE. MAKE ALL REQUIRED CONNECTIONS.
- 5 NEW CONVENIENCE OUTLET. MOUNT IN APPROXIMATE LOCATION SHOWN. MATCH MOUNTING HEIGHT OF EXISTING RECEPTACLES IN CRAWL SPACE.

REVISIONS

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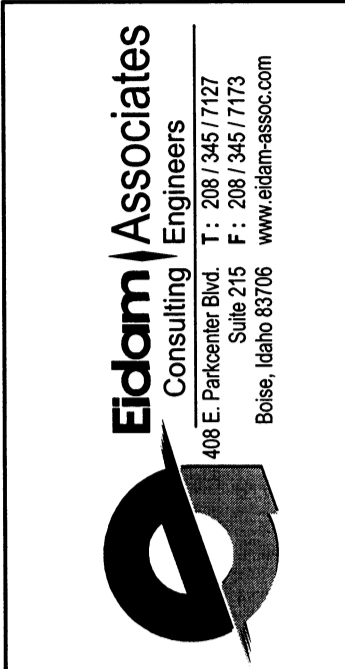
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MOUNTAIN HOME, IDAHO**

DATE:	12/14/2012
PROJECT NO.:	1226.00
SHEET:	<b>E2.0E</b>
CRAWL SPACE ELECTRICAL PLAN	

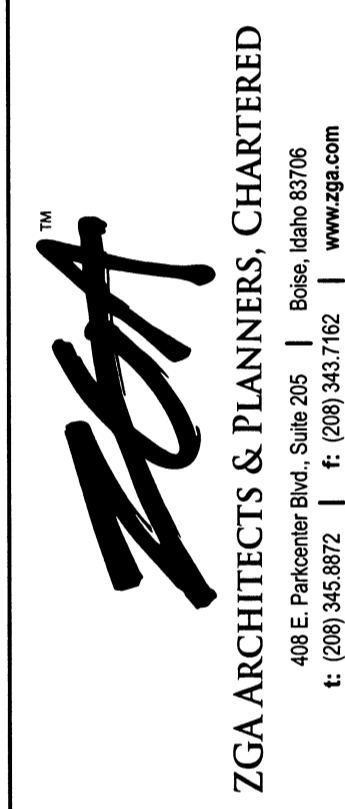
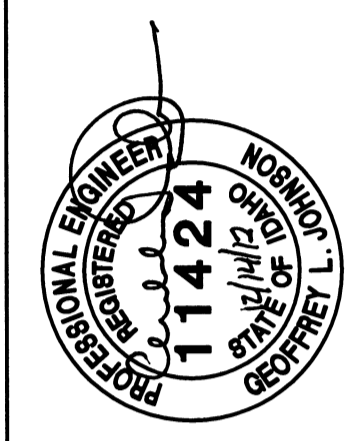
GENERAL SHEET NOTES

1. REFER TO LUMINAIRE SCHEDULE ON SHEET E3.0 FOR LUMINAIRE TYPES AND DETAILED INSTALLATION INSTRUCTIONS.
2. MULTI-WIRE BRANCH CIRCUITS MAY BE UTILIZED FOR LIGHTING CIRCUITS AT CONTRACTOR'S DISCRETION. WHERE MULTI-WIRE BRANCH CIRCUITS ARE USED, INTEGRAL HANDLE TIES SHALL BE IMPLEMENTED ON OVERCURRENT PROTECTION DEVICES IN ACCORDANCE WITH NEC REQUIREMENTS.
3. LOCATE LIGHT SWITCHES AND OTHER WALL MOUNTED LIGHTING CONTROL DEVICES NOT MORE THAN 12 INCHES FROM THE TRIM OF THE DOOR ON THE LATCH SIDE, OR NOT MORE THAN 12 INCHES FROM THE DOOR SIDE LIGHT (WHERE APPLICABLE, OR NOT MORE THAN 12 INCHES FROM OPEN POSITION OF DOOR WHERE INSTALLED ON OPPOSITE WALL. DO NOT INSTALL BEHIND DOOR SWING.)
4. LUMINAIRES DENOTED WITH SUFFIX 'X' AND SYMBOL ☉ ARE EGRESS LUMINAIRES WITH EMERGENCY CONNECTIONS. CONNECT BATTERY AND/OR EMERGENCY BALLAST TO UNSWITCHED LEG OF LIGHTING CIRCUIT.
5. COORDINATE LUMINAIRE PLACEMENT WITH ARCHITECTURAL REFLECTED CEILING PLANS AND MECHANICAL DIFFUSER PLANS PRIOR TO INSTALLATION. COORDINATE CEILING GRID ORIENTATIONS WITH CEILING INSTALLER PRIOR TO INSTALLATION.
6. ADJUST HEIGHT OF PENDANT MOUNTED LUMINAIRES AFTER COMPLETING WORK.
7. PROPERLY BURN-IN ALL FLUORESCENT LAMP SOURCES CONNECTED TO DIMMING CIRCUIT CONTROLS IN ACCORDANCE WITH LAMP MANUFACTURER'S RECOMMENDATIONS.
8. EXIT SIGNS SHALL BE LOCATED SO AS TO PROVIDE VISUAL IDENTIFICATION OF EXIT DOORS AND SHALL NOT BE OBSTRUCTED FROM VIEW. LOCATE TO ALLOW DIRECTIONAL INDICATION AS SHOWN ON PLANS.
9. ALL CIRCUIT CONDUCTOR RUNS SHALL CONTAIN A SEPARATE EQUIPMENT GROUNDING CONDUCTOR. THE METALLIC CONDUIT SHALL NOT SERVE AS THE EQUIPMENT GROUNDING PATHWAY.



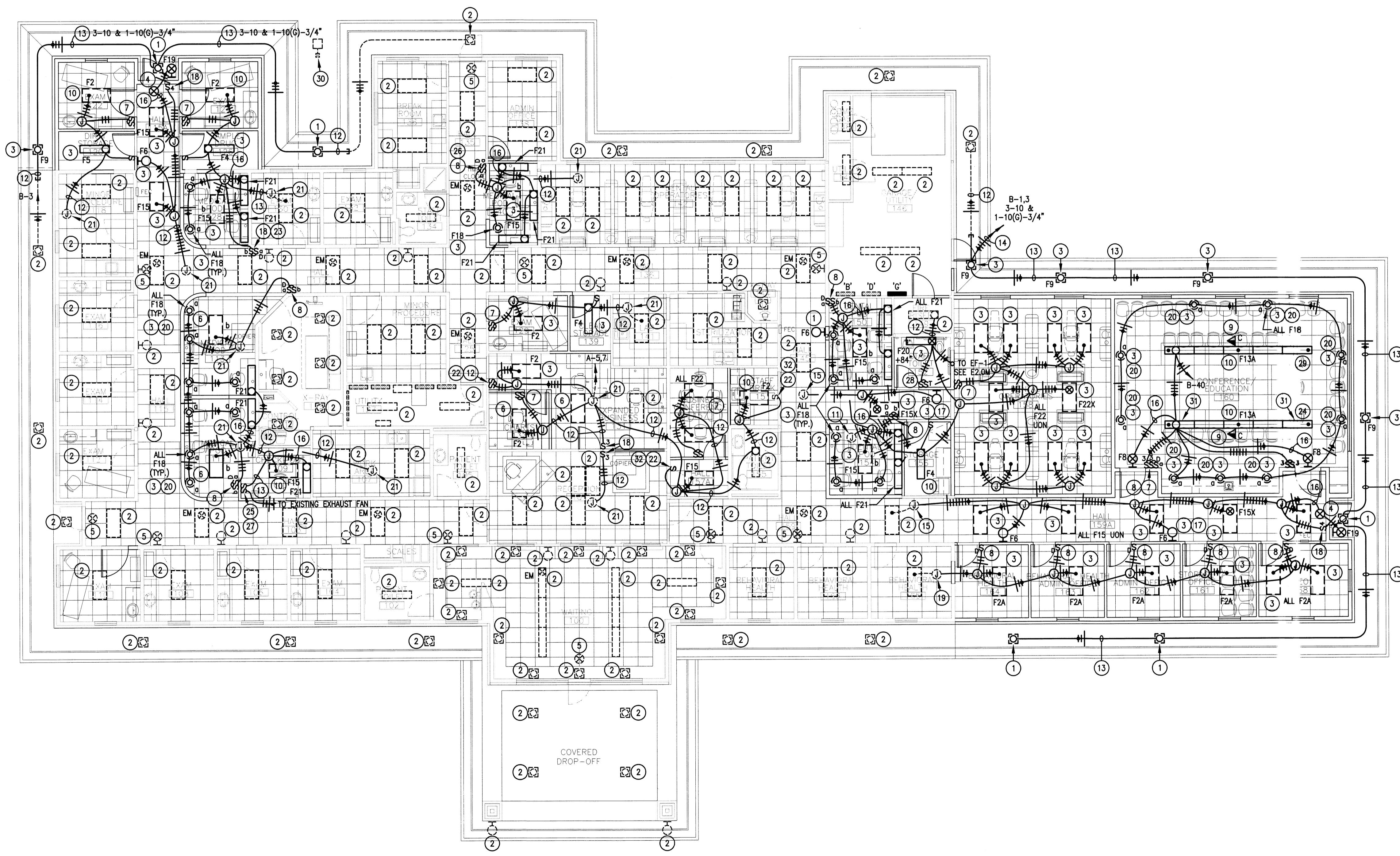
SHEET KEYNOTES

- 1 RELOCATED LUMINAIRE, RELAMP AND CIRCUIT AS SHOWN.
- 2 EXISTING LUMINAIRE AND RELATED CIRCUIT TO REMAIN. SHOWN FOR REFERENCE AND COORDINATION.
- 3 NEW LUMINAIRE, CIRCUIT AS SHOWN.
- 4 RELOCATED EXIT SIGN, CIRCUIT AS SHOWN.
- 5 EXISTING EXIT SIGN AND RELATED CIRCUIT TO REMAIN. SHOWN FOR REFERENCE AND COORDINATION.
- 6 REINSTALL EXISTING LUMINAIRE THAT WAS DISCONNECTED AND REMOVED WHILE CEILING WORK WAS COMPLETED. RELAMP AND RECONNECT TO EXISTING CIRCUIT OR CIRCUIT AS SHOWN.
- 7 DUAL LEVEL SWITCH LIGHTING IN THIS ROOM. INSIDE LAMP IN EACH LUMINAIRE ON ONE SWITCH. OUTSIDE LAMPS IN EACH LUMINAIRE ON OTHER SWITCH.
- 8 DIMMING SWITCH COMPATIBLE WITH FLUORESCENT DIMMING BALLAST OF LUMINAIRE BEING SWITCHED. SEE LUMINAIRE SCHEDULE.
- 9 INSTALL RELOCATED SPEAKER. SEE SHEET E2.0S.
- 10 EXISTING LUMINAIRE REMOVED AND RELOCATED TO THIS ROOM. SEE DEMOLITION PLAN. RELAMP AND CIRCUIT AS SHOWN. LUMINAIRE TYPE SHOWN FOR REFERENCE AND COORDINATION.
- 11 EXISTING JUNCTION BOX IN CEILING SPACE WITH CIRCUIT A-7 TO REMAIN. MAKE NEW CONNECTIONS AS SHOWN.
- 12 INTERCEPT EXISTING CIRCUIT AND EXTEND AS SHOWN. SIZE CONDUCTORS TO MATCH SIZE OF EXISTING CIRCUIT.
- 13 NEW CIRCUIT RACEWAY AND CONDUCTOR SIZE AS INDICATED.
- 14 ROUTE THROUGH EXISTING EXTERIOR TIME CLOCK.
- 15 EXISTING JUNCTION BOX IN CEILING SPACE FOR EXISTING CIRCUIT A-9. INTERCEPT CIRCUIT A-9 AND EXTEND AS SHOWN.
- 16 CONNECT TO UNSWITCHED LEG OF CIRCUIT.
- 17 NIGHT LIGHT. CONNECT TO UNSWITCHED LEG OF CIRCUIT.
- 18 RELOCATED LIGHT SWITCH. CIRCUIT AS SHOWN.
- 19 EXISTING JUNCTION BOX IN CEILING SPACE FOR EXISTING CIRCUIT A-5. INTERCEPT CIRCUIT A-5 AND EXTEND AS SHOWN.
- 20 CONTROL F18 LUMINAIRE TYPE IN THIS ROOM BY DIMMING SWITCH.
- 21 EXISTING JUNCTION BOX IN CEILING SPACE WITH EXISTING CIRCUIT(S) TO REMAIN.
- 22 EXISTING LIGHTING SWITCH(ES).
- 23 MOUNT ON WALL UNDER EXISTING WALL SCONCE.
- 24 (3) LUMINAIRES IN ROW ARE EXISTING RELOCATED LUMINAIRES. SEE SHEET KEYNOTE 10. (2) LUMINAIRES IN ROW ARE NEW TYPE 'F13A' THAT MATCH EXISTING RELOCATED LUMINAIRES. RELAMP EXISTING RELOCATED LUMINAIRES.
- 25 PROVIDE AND INSTALL NEW CONTROL CIRCUIT AS SHOWN.
- 26 COORDINATE LOCATION OF SWITCHES WITH RELOCATED EMPLOYEE TIME CLOCK. SEE SHEET E2.0P.
- 27 SWITCH FOR EXHAUST FAN.
- 28 TIMER SWITCH FOR EF-1.
- 29 ALL LUMINAIRES IN ROW ARE EXISTING RELOCATED LUMINAIRES. SEE SHEET KEYNOTE 10.
- 30 RELOCATED EXISTING SITE POLE WITH LUMINAIRE. NEW POLE BASE SHALL MATCH EXISTING POLE BASE BEING REMOVED. INTERCEPT EXISTING CIRCUIT AND EXTEND TO NEW LOCATION. MAKE ALL REQUIRED CONNECTIONS.
- 31 PROVIDE AND INSTALL EMERGENCY BALLAST IN LUMINAIRE INDICATED. CONNECT TO UNSWITCHED LEG OF CIRCUIT.
- 32 PROVIDE AND INSTALL NEW CONTROL CIRCUIT FOR EXISTING SWITCH.



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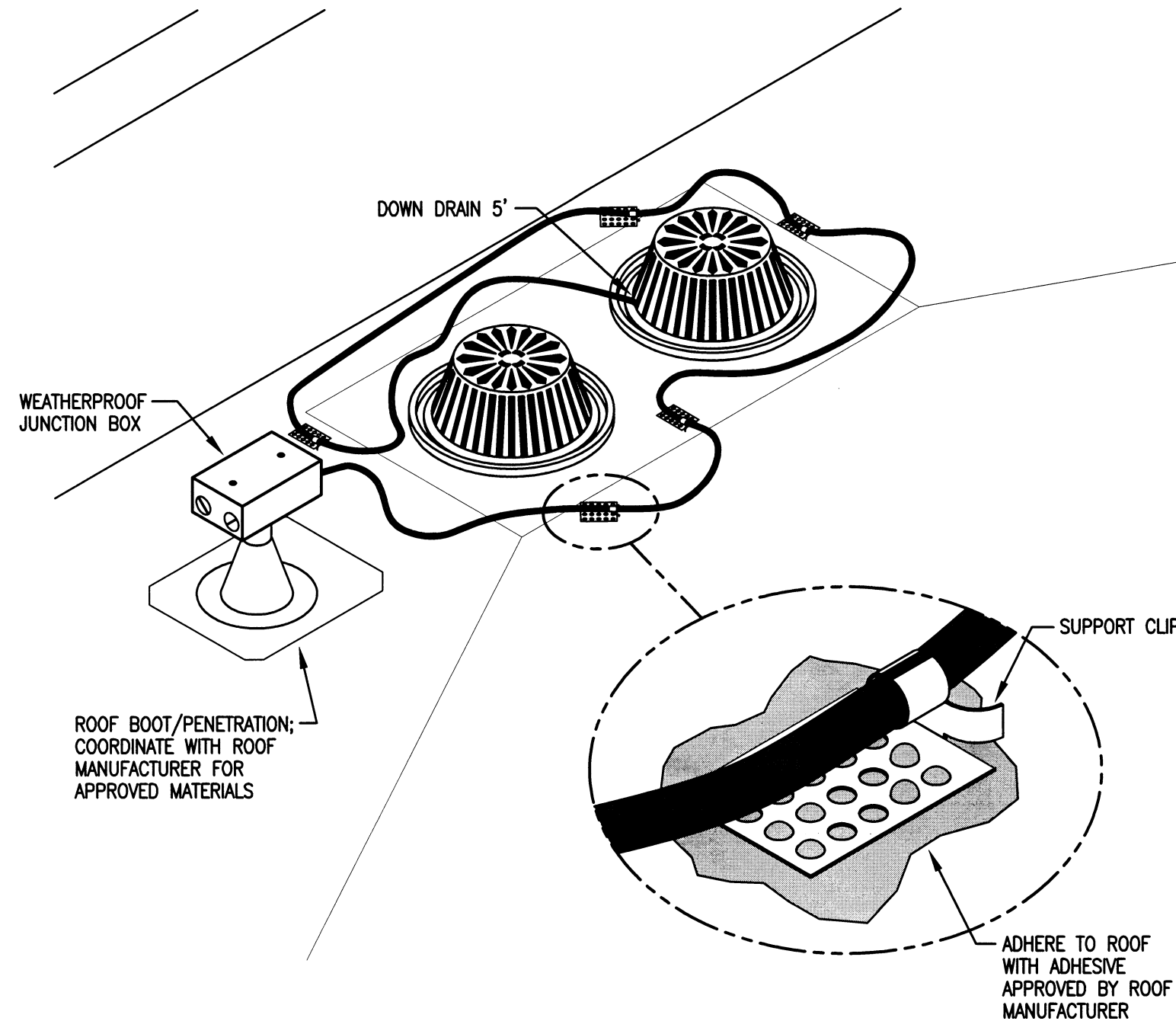
DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET: **E2.0L**  
LIGHTING PLAN



**LIGHTING PLAN**  
SCALE: 1/8" = 1'-0"

THIS PLAN REPRESENTS EXISTING DEVICE AND EQUIPMENT LOCATIONS AS CLOSELY AS REASONABLY DISCERNIBLE AND IS PROVIDED FOR CONTRACTOR INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN VERIFICATION OF EXISTING CONDITIONS PRIOR TO BID.

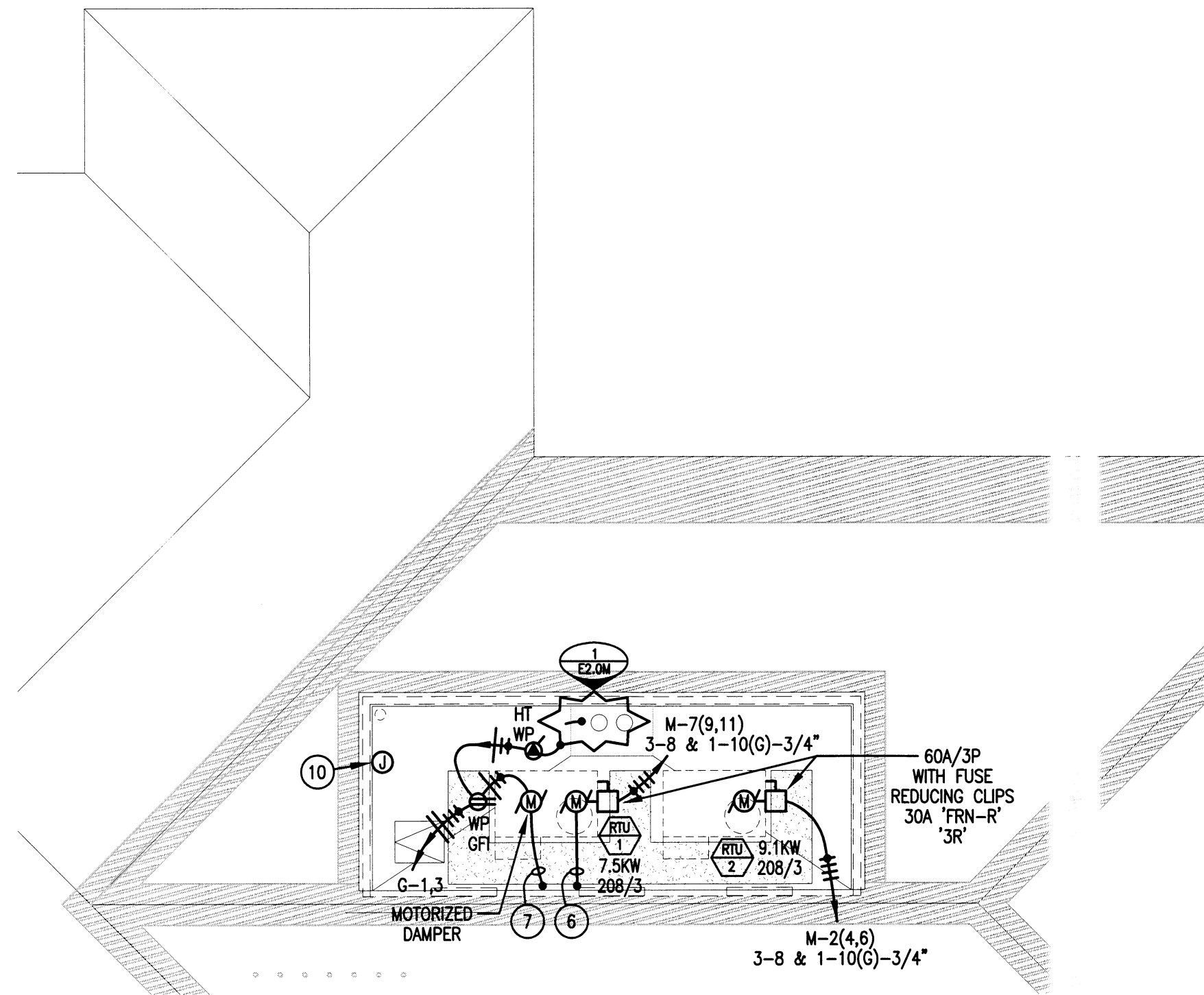




**HEAT TAPE INSTALLATION DETAIL**  
NOT TO SCALE

**HEAT TAPE SPECIFICATIONS**

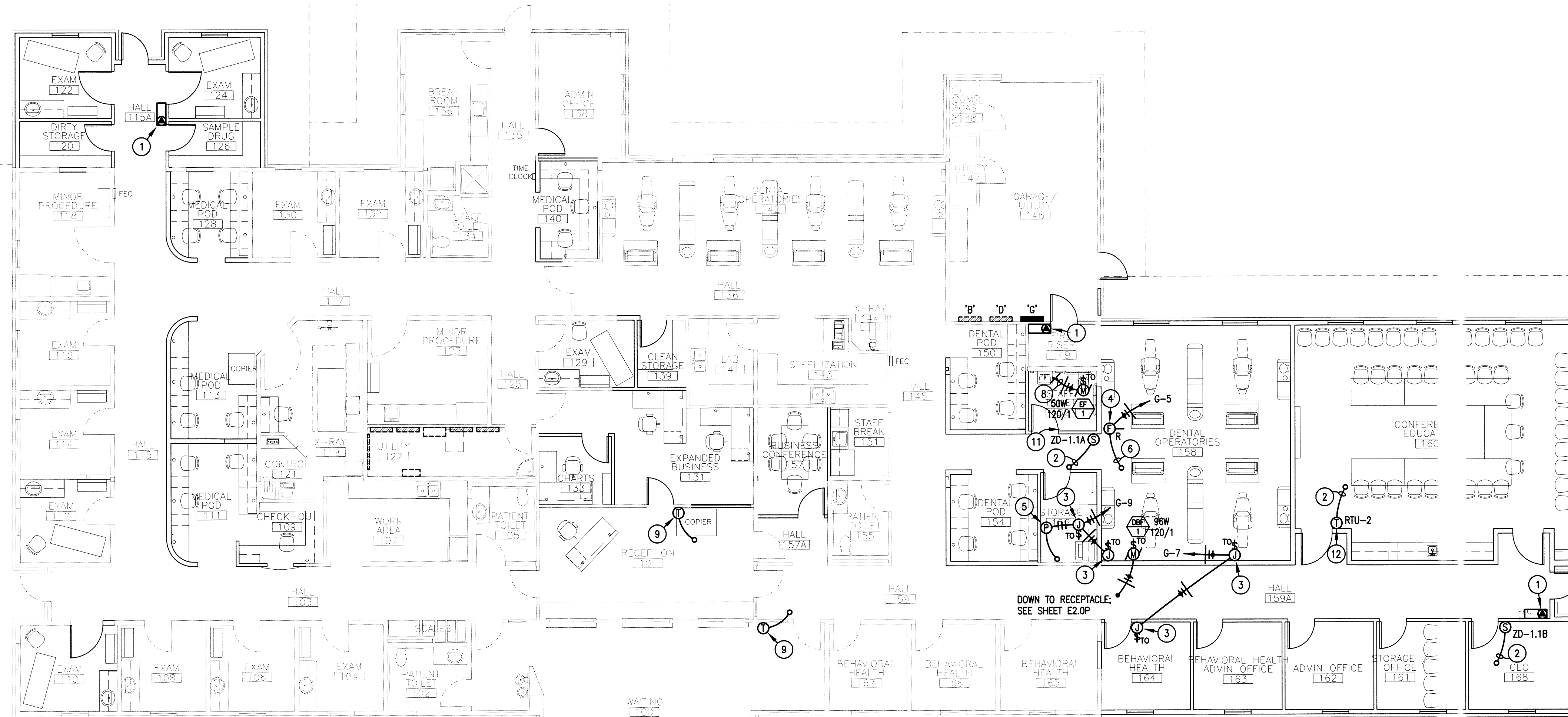
1. THE SELF-REGULATING HEATER SHALL CONSIST OF TWO 18 (OR 16) AWG TINNED COPPER BUS WIRES EMBEDDED IN PARALLEL IN A SELF REGULATING POLYMER CORE THAT VARIES ITS POWER OUTPUT TO RESPOND TO TEMPERATURE ALONG ITS ENTIRE LENGTH. THE MAXIMUM SHEATH TEMPERATURE SHALL NOT EXCEED 150 DEGREES F.
2. THE HEATER SHALL BE CAPABLE OF CROSSING OVER ITSELF WITHOUT OVERHEATING. THE HEATER SHALL BE CAPABLE OF BEING CUT TO LENGTH IN THE FIELD AND TERMINATED IN THE FIELD.
3. THE HEATER CORE SHALL BE COVERED WITH A BONDED INNER TPR JACKET, THEN A TPR ELASTOMER JACKET, PROTECTED WITH A TINNED COPPER OVERBRAID FOR PHYSICAL, AS WELL AS ELECTRICAL GROUNDING, PROTECTION. THE OVERALL COVERING SHALL BE A FLAME RETARDANT TPR JACKET WITH U.V. INHIBITOR FOR CORROSION AND ABRASION RESISTANCE.
4. THE HEATER AND COMPONENTS SHALL BE UL RATED AS A SYSTEM FOR THIS APPLICATION. THE HEATER SHALL BE CAPABLE OF BEING OPERATED AT 120 VAC, OR 208 THROUGH 277 VAC.
5. THE HEATER CABLE SHALL BE DESIGNED FOR A USEFUL LIFE OF 20 YEARS OR MORE WITH THE POWER ON CONTINUOUSLY, BASED ON THE FOLLOWING USEFUL LIFE CRITERIA:
  - a. RETENTION OF AT LEAST 75 PERCENT OF RATED POWER AFTER 20 YEARS OF OPERATION AT THE MAXIMUM PUBLISHED MAINTAIN TEMPERATURE.
  - b. RETENTION OF AT LEAST 90 PERCENT OF RATED POWER AFTER 1000 HOURS OF CONTINUOUS OPERATION AT THE MAXIMUM PUBLISHED OPERATING TEMPERATURE.
6. HEATER CABLE CIRCUIT LENGTHS AND CIRCUIT BREAKER SIZING SHALL BE IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED LITERATURE.
7. THE HEATER AND COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND USING MANUFACTURER'S APPROVED COMPONENTS. FURNISH AND INSTALL ALL SEALS, CLIPS, CONNECTORS, ETC. FOR A COMPLETE, OPERABLE SYSTEM.
8. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NEC 426-53 AND NEC 426-27(b).
9. BEFORE AND AFTER INSTALLATION, THE HEATER CABLE SHALL BE MEGGERED AT 2500 VDC TO ENSURE ELECTRICAL INTEGRITY.
10. THE HEATER SHALL HAVE A MANUFACTURER'S WARRANTY OF TEN YEARS.
11. THE ELECTRICAL HEATER CABLE SHALL BE TYPE CLT, AS MANUFACTURED BY NELSON HEAT TRACE SYSTEMS OR EQUAL IN RAYCHEM. THE HEATER CABLE SHALL BE RATED 8 WATTS PER FOOT IN OPEN AIR AND 10 WATTS PER FOOT EMBEDDED IN SNOW/ICE.



**ROOF ELECTRICAL PLAN**

SCALE: 1/8" = 1'-0"

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**MECHANICAL POWER PLAN**

SCALE: 1/8" = 1'-0"

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**GENERAL SHEET NOTES**

1. REFER TO MECHANICAL PLANS FOR DUCTWORK CONFIGURATIONS AND DUCT CONNECTIONS TO MECHANICAL EQUIPMENT. ELECTRICAL CONNECTIONS TO MECHANICAL EQUIPMENT SHALL BE PROPERLY COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO MAINTAIN ACCESS TO AND WORKING CLEARANCE AROUND ALL MECHANICAL EQUIPMENT PRIOR TO COMMENCING INSTALLATION.
2. REFER TO ARCHITECTURAL CODE PLANS FOR LOCATIONS OF FIRE-RATED ASSEMBLIES.
3. PENETRATIONS OF FIRE-RATED ASSEMBLIES SHALL BE PERFORMED IN ACCORDANCE WITH UL REQUIREMENTS AND DIVISION 7 SPECIFICATIONS.
4. MULTI-WIRE BRANCH CIRCUITS SHALL NOT BE UTILIZED FOR LINE TO NEUTRAL LOADS. DEDICATED NEUTRAL CONDUCTORS SHALL BE PROVIDED FOR ALL CIRCUITS.
5. ALL JUNCTION BOXES LOCATED ABOVE ACCESSIBLE CEILINGS SHALL BE LOCATED NO MORE THAN 36 INCHES ABOVE CEILING LEVEL.
6. REVIEW AND COORDINATE ALL EQUIPMENT CONNECTIONS WITH SUBMITTALS, SHOP DRAWINGS, AND MANUFACTURER'S INSTRUCTIONS FOR ALL ELECTRICALLY OPERATED EQUIPMENT SUPPLIED BY OTHER DIVISIONS OF WORK PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES IN ELECTRICAL CONNECTIONS BASED UPON REVIEW.
7. ALL CIRCUIT CONDUCTOR RUNS SHALL CONTAIN A SEPARATE EQUIPMENT GROUNDING CONDUCTOR. THE METALLIC CONDUIT SHALL NOT SERVE AS THE EQUIPMENT GROUNDING PATHWAY.
8. COORDINATE LOCATION OF DISCONNECTING MEANS AT MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION. DO NOT INSTALL ON ACCESS PANELS, AIR INTAKES, OR IN LOCATIONS THAT COVER EQUIPMENT NAMEPLATE.
9. DISCONNECTING MEANS SHALL BE LOCATED WITHIN SITE OF EQUIPMENT SERVED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS. WORKING CLEARANCE SHALL BE MAINTAINED IN FRONT OF EQUIPMENT DISCONNECTING MEANS IN ACCORDANCE WITH NATIONAL ELECTRIC CODE. INFORM ALL TRADES OF WORKING CLEARANCE REQUIREMENTS PRIOR TO INSTALLATION.
10. COORDINATE LOCATION OF RECEPTACLES AT MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION. DO NOT INSTALL ON ACCESS PANELS, AIR INTAKES, OR IN LOCATIONS THAT COVER EQUIPMENT NAMEPLATE.
11. CONFIRM FINAL MECHANICAL EQUIPMENT LOCATIONS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
12. ALL CONDUIT FOR ROOF EQUIPMENT CONNECTIONS SHALL BE CONCEALED IN CEILING SPACE OF FLOOR BELOW UNLESS SPECIFICALLY NOTED.
13. SEAL ALL ROOF PENETRATIONS IN ACCORDANCE WITH ROOFING MANUFACTURER. REFER TO ROOF PENETRATION DETAIL(S) ON ARCHITECTURAL AND ELECTRICAL SHEETS.
14. ADHERE HEAT TAPE TO ROOFING MATERIALS IN ACCORDANCE WITH THE ROOFING MANUFACTURER'S REQUIREMENTS. USE ONLY PRODUCTS AND METHODS SPECIFICALLY ALLOWED TO MAINTAIN ROOFING WARRANTY.
15. REVIEW AND COORDINATE ALL EQUIPMENT CONNECTIONS WITH SUBMITTALS, SHOP DRAWINGS, AND MANUFACTURER'S INSTRUCTIONS FOR ALL ELECTRICALLY OPERATED EQUIPMENT SUPPLIED BY OTHER DIVISIONS OF WORK PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES IN ELECTRICAL CONNECTIONS BASED UPON REVIEW.
16. DERATE AMPACITY OF CONDUCTORS IN RACEWAYS EXPOSED ON ROOF PER NEC 310.15.
17. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT AND OUTLET BOXES REQUIRED BY MECHANICAL CONTRACTOR FOR CONTROL EQUIPMENT AND CONNECTIONS. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT LOCATIONS INCLUDING PANELS, THERMOSTATS, AND CONTROL POINTS.
18. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL CONNECTIONS TO FIRE ALARM SYSTEM CONTROL PANELS AND COMPONENTS AS REQUIRED BY FIRE ALARM DESIGNER AND CONTRACTOR.

**SHEET KEYNOTES**

- 1) RELOCATED ELECTRICAL WALL HEATER. INTERCEPT EXISTING CIRCUIT AND EXTEND TO NEW LOCATION. MAKE ALL REQUIRED CONNECTIONS.
- 2) JUNCTION BOX WITH 1/2" CONDUIT AND PULL-CORD UP TO ACCESSIBLE CEILING SPACE FOR CONTROL OF DEVICE INDICATED. DEVICE, CONDUCTORS, AND CONNECTIONS BY MECHANICAL CONTRACTOR.
- 3) JUNCTION BOX WITH MOTOR RATED SERVICE SWITCH IN ACCESSIBLE CEILING SPACE FOR CONTROLS TRANSFORMER. TRANSFORMER BY MECHANICAL CONTRACTOR. JUNCTION BOX, SWITCH, RELATED CIRCUIT, AND CONNECTIONS BY ELECTRICAL CONTRACTOR. VERIFY REQUIREMENTS WITH MECHANICAL PRIOR TO ROUGH-IN.
- 4) RTU-1 RETURN DUCT FIRE ALARM DUCT SMOKE DETECTOR. PROVIDED AND CONNECTED BY ELECTRICAL CONTRACTOR. INSTALLED BY MECHANICAL CONTRACTOR. FIRE ALARM DUCT SMOKE DETECTOR AND RELATED CONNECTIONS SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM.
- 5) 3V SYSTEM PILOT CONTROLLER CONNECTION. JUNCTION BOX WITH 3/4" CONDUIT AND PULL-CORD UP TO ABOVE CEILING SPACE FOR HVAC CONTROL.
- 6) PROVIDE SHUT-DOWN INTERLOCK WITH RTU-1 UPON DUCT SMOKE DETECTOR ACTIVATION.
- 7) 1/2" CONDUIT WITH PULL-CORD DOWN TO ACCESSIBLE CEILING SPACE BELOW FOR CONTROL. CONDUCTORS AND CONNECTION BY MECHANICAL CONTRACTOR.
- 8) TO LIGHTING CIRCUIT IN THIS ROOM. SEE SHEET E2.0L.
- 9) NEW JUNCTION BOX AND 1/2" CONDUIT WITH PULL-CORD TO ABOVE ACCESSIBLE CEILING SPACE FOR RTU CONTROL. CUT-IN DEVICE AND CONDUIT INTO EXISTING WALL AS REQUIRED. PATCH AND REPAIR TO MATCH EXISTING WALL. DEVICE, CONDUCTORS, AND CONNECTIONS BY MECHANICAL CONTRACTOR.
- 10) NEMA "3R" JUNCTION BOX AT +36" ON WALL FOR DISH/SATELLITE CONNECTION AND 1" CONDUIT WITH PULL-CORD THROUGH ROOF JACK TO ACCESSIBLE CEILING SPACE BELOW.
- 11) SEE LIGHTING PLAN, SHEET E2.0L FOR EXHAUST FAN SWITCH REQUIREMENTS.
- 12) COORDINATE LOCATION WITH LIGHT SWITCHES. SEE SHEET E2.0L.

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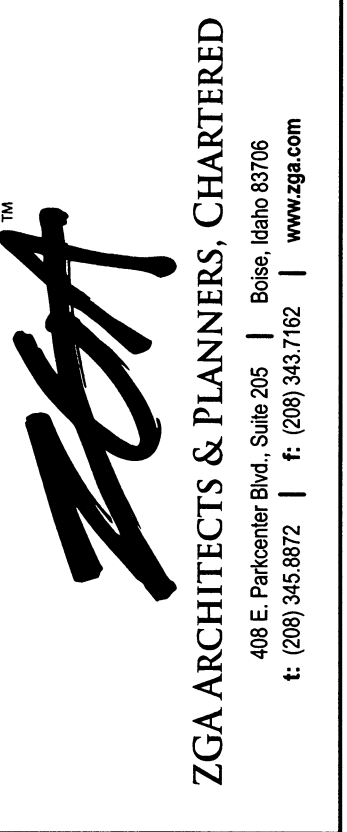
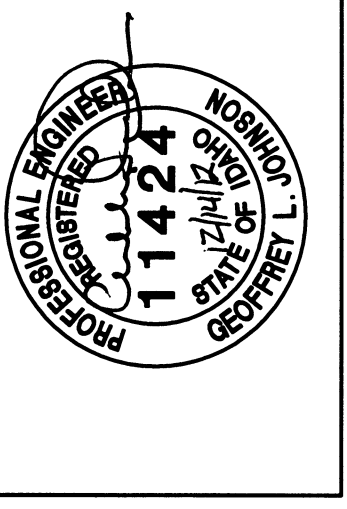
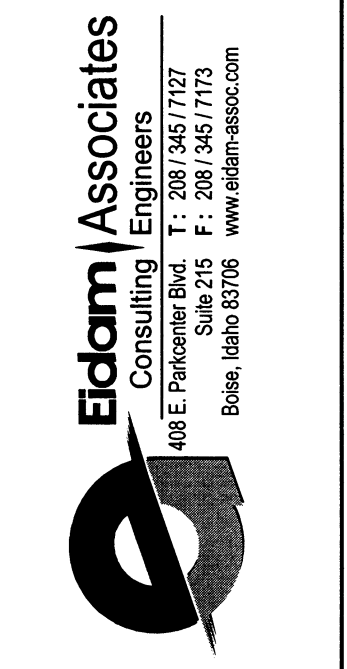
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**DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO**

DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET: **E2.0M**  
MECHANICAL POWER PLAN

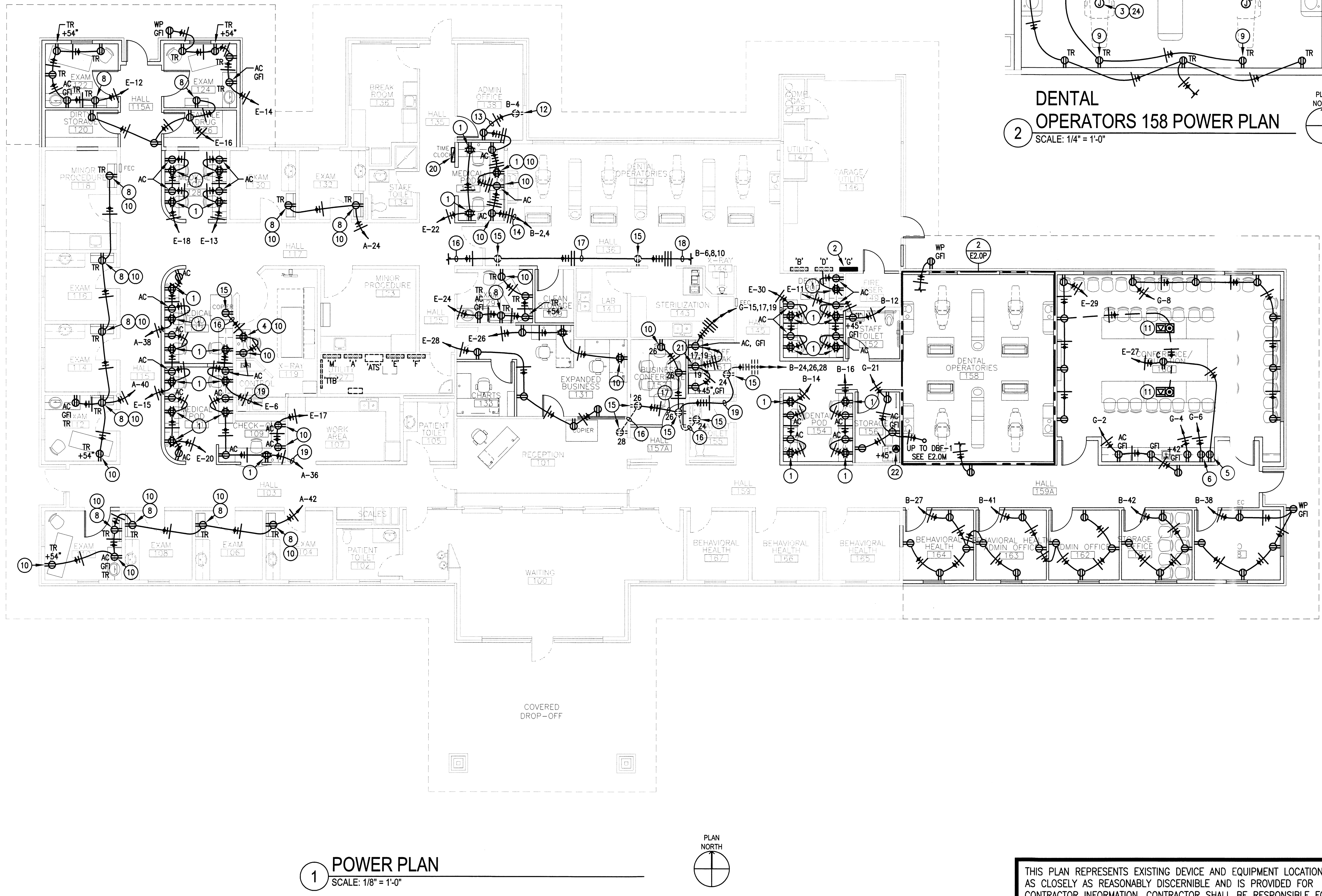
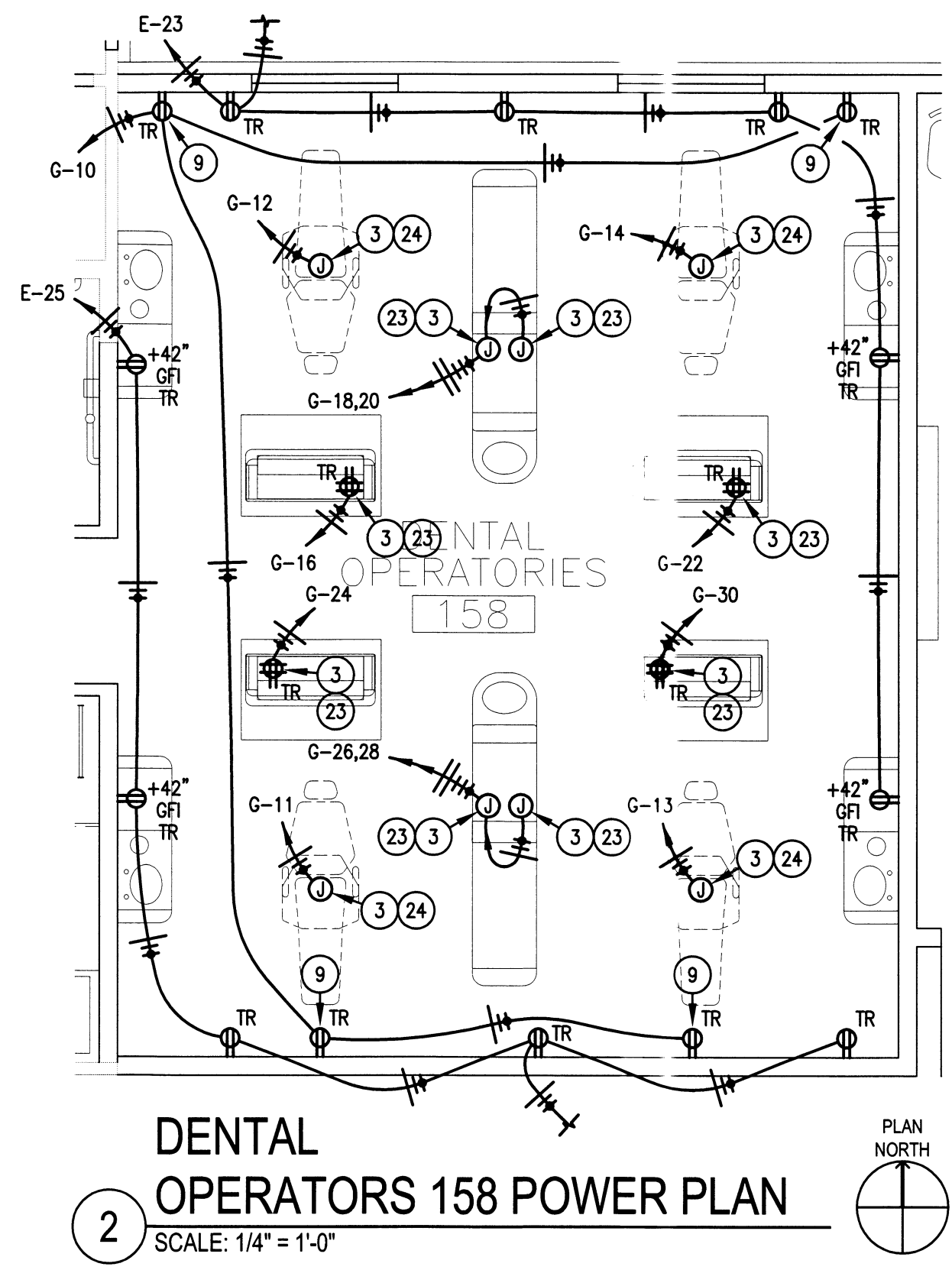
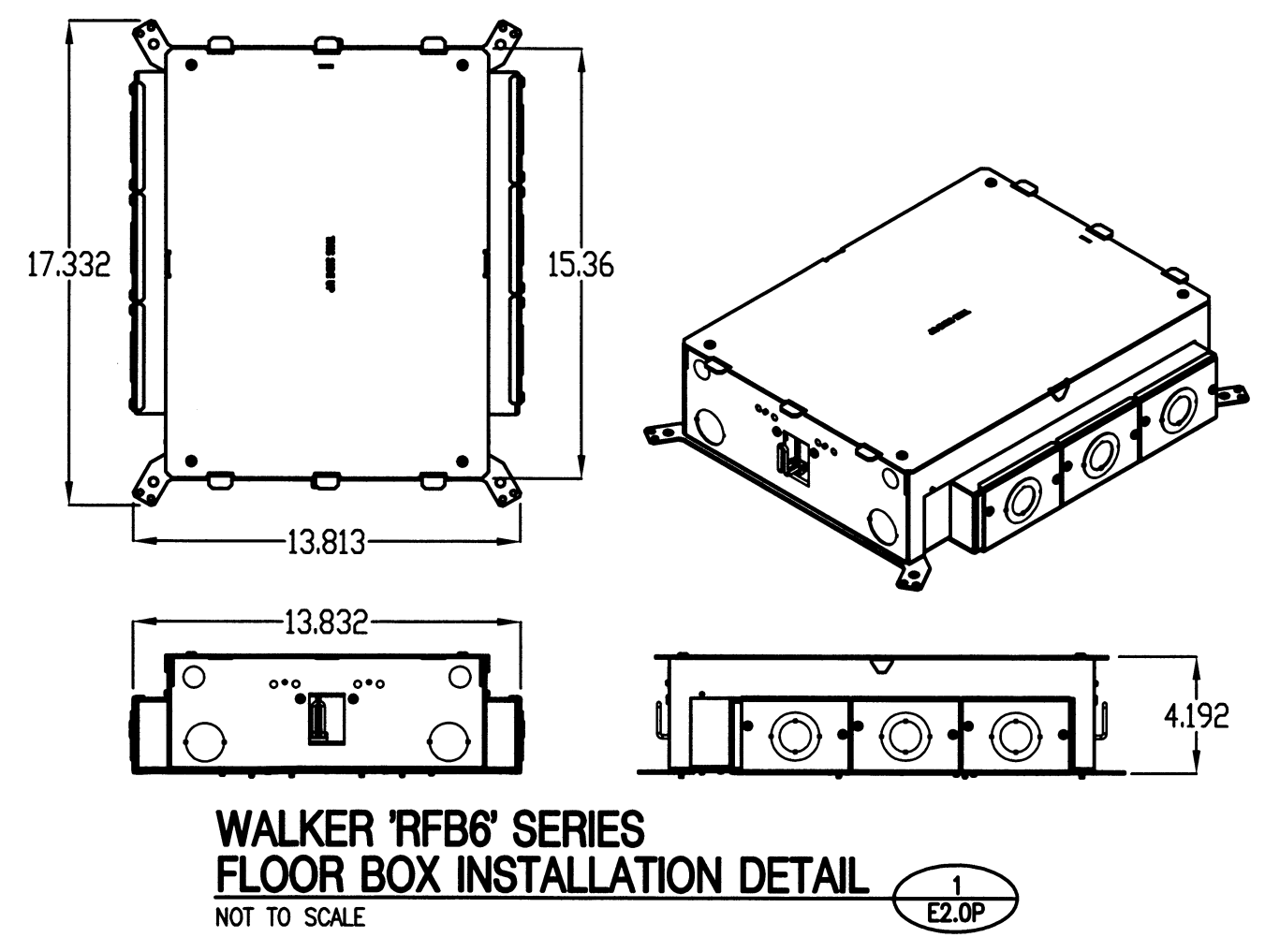
GENERAL SHEET NOTES

- RECEPTACLE LOCATIONS SHALL BE COORDINATED WITH MILLWORK, WALL FINISHES, WINDOW HEIGHTS, AND OTHER WALL MOUNTED EQUIPMENT PRIOR TO ROUGH-IN. NOTIFY ARCHITECT OF CONFLICTS PRIOR TO PROCEEDING WITH WORK.
- MULTI-WIRE BRANCH CIRCUITS SHALL NOT BE UTILIZED FOR LINE TO NEUTRAL LOADS. DEDICATED NEUTRAL CONDUCTORS SHALL BE PROVIDED FOR ALL CIRCUITS.
- ALL JUNCTION BOXES LOCATED ABOVE ACCESSIBLE CEILINGS SHALL BE LOCATED NO MORE THAN 36 INCHES ABOVE CEILING LEVEL.
- REFER TO ARCHITECTURAL CODE PLANS FOR LOCATIONS OF FIRE-RATED ASSEMBLIES.
- PENETRATIONS OF FIRE-RATED ASSEMBLIES SHALL BE PERFORMED IN ACCORDANCE WITH UL REQUIREMENTS AND DIVISION 7 SPECIFICATIONS.
- REVIEW AND COORDINATE ALL EQUIPMENT CONNECTIONS WITH SUBMITTALS, SHOP DRAWINGS, AND MANUFACTURER'S INSTRUCTIONS FOR ALL ELECTRICALLY OPERATED EQUIPMENT SUPPLIED BY OTHER DIVISIONS OF WORK PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES IN ELECTRICAL CONNECTIONS BASED UPON REVIEW.
- ALL CIRCUIT CONDUCTOR RUNS SHALL CONTAIN A SEPARATE EQUIPMENT GROUNDING CONDUCTOR. THE METALLIC CONDUIT SHALL NOT SERVE AS THE EQUIPMENT GROUNDING PATHWAY.
- TWO OR THREE CIRCUITS MAY BE RUN IN THE SAME RACEWAY AT THE CONTRACTOR'S DISCRETION. EACH CIRCUIT SHALL HAVE ITS OWN NEUTRAL. THE CIRCUITS MAY SHARE A COMMON EQUIPMENT GROUNDING CONDUCTOR.



DESERT SAGE HEALTH CENTER  
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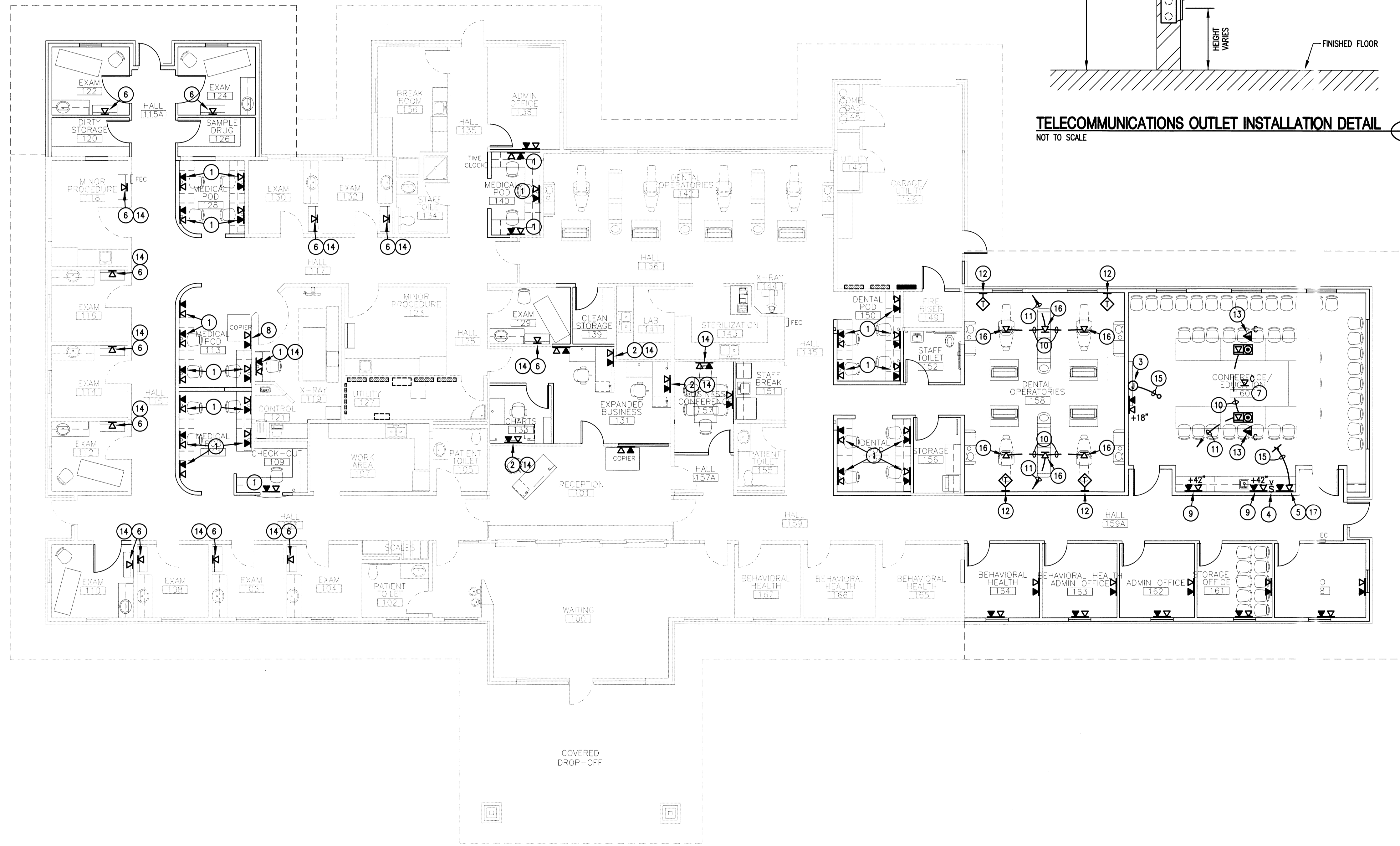
DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET: E2.0P  
POWER PLAN



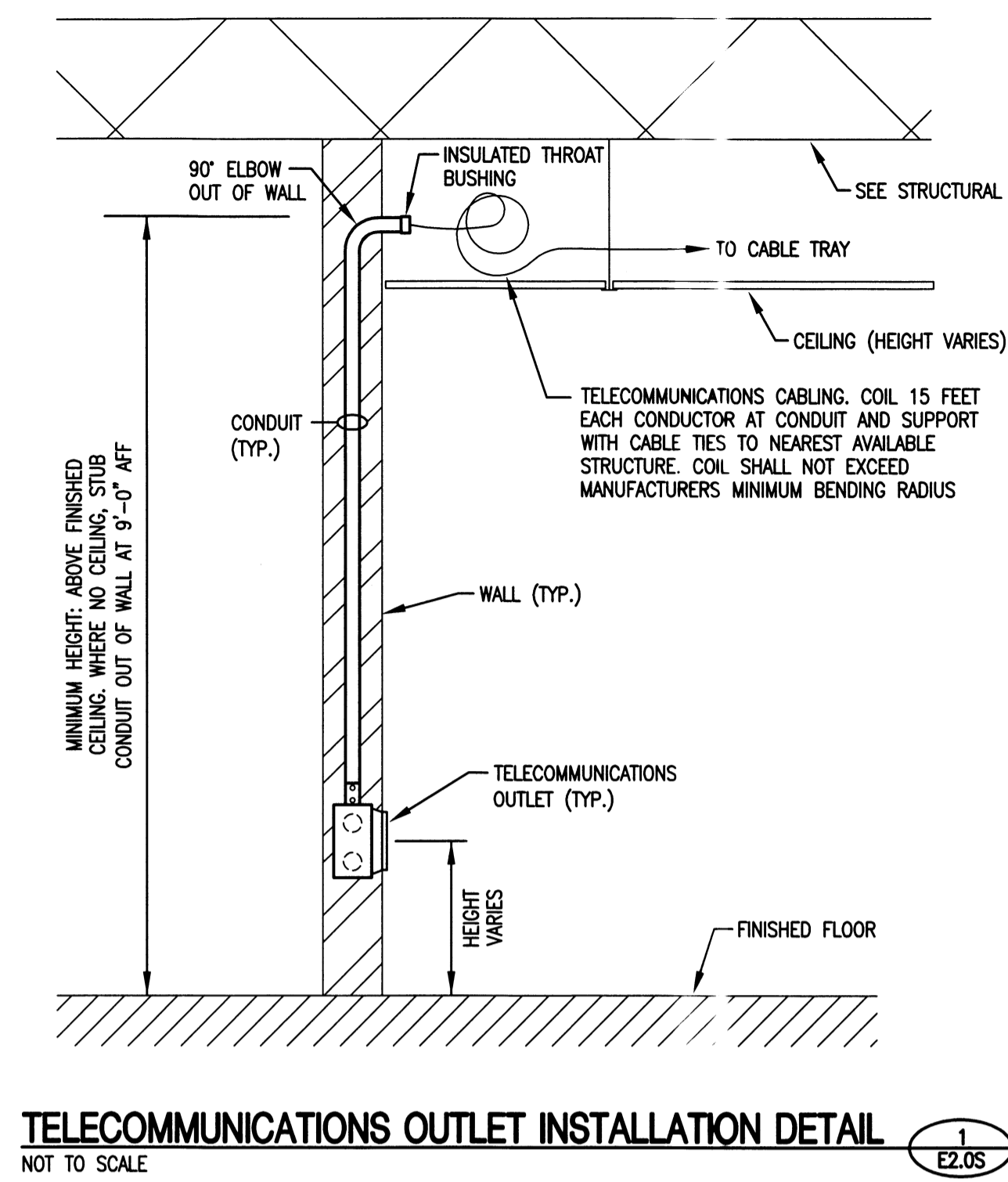
THIS PLAN REPRESENTS EXISTING DEVICE AND EQUIPMENT LOCATIONS AS CLOSELY AS REASONABLY DISCERNIBLE AND IS PROVIDED FOR CONTRACTOR INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN VERIFICATION OF EXISTING CONDITIONS PRIOR TO BID.

SHEET KEYNOTES

- MOUNT DEVICE IN KNEESPACE OF WORK STATION MILLWORK. COORDINATE LOCATION WITH RELATED TELE/COM/DATA OUTLETS.
- NEW PANEL 'G'. SEE PARTIAL ONE LINE DIAGRAM.
- DENTAL EQUIPMENT. VERIFY CIRCUIT LOAD AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
- EXISTING DEVICE AND RELATED CIRCUIT TO REMAIN. REPOSITION AS REQUIRED TO FIT IN KNEESPACE OF NEW WORK STATION MILLWORK.
- A/V EQUIPMENT CONNECT. MOUNT IN A/V EQUIPMENT CABINET 11" FROM EAST WALL, AT +10" AFF. VERIFY LOCATION AND HEIGHT PRIOR TO ROUGH-IN.
- MICROWAVE CONNECTION. MOUNT HORIZONTAL IN MICROWAVE SHELF AT +5'-0" AFF. VERIFY LOCATION AND HEIGHT PRIOR TO ROUGH-IN.
- NOT USED.
- CONVENIENCE POWER OUTLET FOR ERGOTRON COMPUTER MOUNT SYSTEM. MOUNT AT +18" AFF. VERIFY LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. MOUNT NEXT TO RELATED DATA OUTLET. SEE SHEET E2.0S. SEE RELATED ARCHITECTURAL DETAIL.
- CONVENIENCE OUTLET FOR TV. MOUNT AT +7'-6" AFF NEXT TO ASSOCIATED TV OUTLET. SEE SHEET E2.0S.
- CUT NEW DEVICE INTO EXISTING WALL. PATCH AND REPAIR TO MATCH EXISTING. CONNECT AS SHOWN.
- COMBINATION DATA/COM AND POWER FLOOR OUTLET. FLUSH MOUNTED. SEE SHEET E2.0S FOR DATA/COM CONNECTION REQUIREMENTS. SEE FLOOR OUTLET DETAIL ON THIS SHEET.
- EXISTING DOWNSTREAM DEVICE TO REMAIN.
- EXTEND CIRCUIT FROM NEW DEVICE TO EXISTING DOWNSTREAM DEVICE. MAKE ALL REQUIRED CONNECTIONS.
- RE-USE EXISTING HOME RUN CONDUIT. RE-PULL NEW CONDUCTORS TO MATCH CIRCUIT CONDUCTOR CONFIGURATION FOR EXISTING CIRCUITS AS INDICATED.
- EXISTING DEVICE TO REMAIN.
- EXISTING DOWNSTREAM CIRCUIT TO REMAIN.
- INTERCEPT EXISTING DEVICES AND EXTEND NEW CIRCUIT BETWEEN EXISTING DEVICES. CONNECT TO EXISTING UPSTREAM CIRCUIT(S).
- RE-USE EXISTING UPSTREAM CIRCUIT CONDUIT. RE-PULL NEW CONDUCTORS TO MATCH CIRCUIT CONDUCTOR CONFIGURATION FOR EXISTING CIRCUITS AS INDICATED.
- EXTEND TO UPSTREAM DEVICE AND INTERCEPT CIRCUIT HOME RUN FOR CIRCUIT INDICATED.
- RELOCATE EMPLOYEE TIME CLOCK. COORDINATE LOCATION WITH NEW LIGHT SWITCHES FOR MEDICAL POD 140. INTERCEPT EXISTING RELATED CIRCUITS AND EXTEND TO NEW LOCATION. MAKE ALL REQUIRED CONNECTIONS. SEE SHEETS E2.0D AND E2.0L.
- RECEPTACLE FOR DISHWASHER. MOUNT IN CABINET SPACE BELOW SINK.
- RELOCATED STACKED WASHER/DRYER. INTERCEPT EXISTING CIRCUIT AND EXTEND TO NEW LOCATION. MAKE ALL REQUIRED CONNECTIONS. VERIFY LOCATION PRIOR TO ROUGH-IN.
- CIRCUIT TO BE RUN FROM OUTLET DOWN INSIDE CABINET THROUGH FLOOR AND THEN UNDER FLOOR TO PANEL INDICATED.
- CIRCUIT TO BE RUN FROM EQUIPMENT CONNECTION IN CHAIR BASE DOWN THROUGH FLOOR AND THEN UNDER FLOOR TO PANEL INDICATED.



**SPECIAL SYSTEMS PLAN**  
SCALE: 1/8" = 1'-0"



**TELECOMMUNICATIONS OUTLET INSTALLATION DETAIL**  
NOT TO SCALE

**GENERAL SHEET NOTES**

1. ALL JUNCTION BOXES LOCATED ABOVE ACCESSIBLE CEILINGS SHALL BE LOCATED NO MORE THAN 36 INCHES ABOVE CEILING LEVEL.
2. REFER TO ARCHITECTURAL CODE PLANS FOR LOCATIONS OF FIRE-RATED ASSEMBLIES.
3. PENETRATIONS OF FIRE-RATED ASSEMBLIES SHALL BE PERFORMED IN ACCORDANCE WITH UL REQUIREMENTS AND DIVISION 7 SPECIFICATIONS.
4. REVIEW AND COORDINATE ALL EQUIPMENT CONNECTIONS WITH SUBMITTALS, SHOP DRAWINGS, AND MANUFACTURER'S INSTRUCTIONS FOR ALL ELECTRICALLY OPERATED EQUIPMENT SUPPLIED BY OTHER DIVISIONS OF WORK PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES IN ELECTRICAL CONNECTIONS BASED UPON REVIEW.
5. LOCATE TELECOMMUNICATIONS OUTLETS WITHIN 6 INCHES OF NEAREST RECEPTACLE. COORDINATE LOCATION WITH POWER PLANS PRIOR TO ROUGH-IN.
6. LOCATE TELEVISION OUTLETS WITHIN 6 INCHES OF NEAREST TELEVISION RECEPTACLE. COORDINATE LOCATION WITH POWER PLANS PRIOR TO ROUGH-IN.
7. MINIMUM CONDUIT SIZE FOR TELECOMMUNICATIONS CIRCUITS: 1 INCH.
8. ALL TELECOMMUNICATIONS CONDUITS TERMINATED IN OPEN AIR/ABOVE CEILINGS SHALL BE FURNISHED WITH INSULATED THROAT BUSHINGS.
9. TELECOMMUNICATIONS AND DATA CABLING, CONNECTORS, AND RELATED CONNECTIONS BY TELECOMMUNICATIONS AND DATA SYSTEMS CONTRACTOR(S). JUNCTION BOXES AND CONDUITS WITH PULL-CORDS ARE BY ELECTRICAL CONTRACTOR.
10. SEE TELE/COM DETAIL ON THIS SHEET FOR INSTALLATION REQUIREMENTS FOR TELE/COM OUTLETS SHOWN.

**SHEET KEYNOTES**

- 1 MOUNT OUTLETS IN KNEESPACE OF WORK STATION MILLWORK.
- 2 MOUNT OUTLETS IN KNEESPACE OF WORK COUNTER MILLWORK.
- 3 POLYVISION BOARD CONNECTION. VERIFY LOCATION, HEIGHT, AND RELATED REQUIREMENTS PRIOR TO ROUGH-IN. RUN 1" CONDUIT FROM CONNECTION UP TO ABOVE ACCESSIBLE CEILING SPACE.
- 4 VOLUME CONTROL SWITCH FOR CEILING MOUNTED SPEAKERS. PROVIDE AND MAKE ALL REQUIRED CONNECTIONS. SEE SHEET E2.0P.
- 5 A/V AND DATA OUTLET IN MILLWORK FOR A/V EQUIPMENT. MOUNT IN CABINET NEXT TO ASSOCIATED ELECTRICAL OUTLET. SEE SHEET E2.0P.
- 6 DATA OUTLET FOR ERGOTRON STYLE VIEW COMPUTER MOUNT SYSTEM. MOUNT AT +18" AFF. VERIFY LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. MOUNT NEXT TO ELECTRICAL RECEPTACLE. SEE SHEET E2.0P. SEE ARCHITECTURAL MOUNTING DETAIL.
- 7 OUTLET FOR CEILING MOUNTED A/V EQUIPMENT. VERIFY LOCATION PRIOR TO ROUGH-IN.
- 8 EXISTING DATA/COM DEVICE AND RELATED CIRCUIT TO REMAIN.
- 9 ABOVE COUNTER DATA/COM OUTLET. MOUNT NEXT TO ASSOCIATED ELECTRICAL OUTLET.
- 10 1" CONDUIT WITH PULL-CORD FOR DATA IN CRAWL SPACE.
- 11 1 1/2" CONDUIT WITH PULL-CORD TO ACCESSIBLE FLOOR SPACE FOR DATA/COM. SEE SHEET E2.0P.
- 12 TV OUTLET. MOUNT AT +7"-6" AFF. MOUNT NEXT TO ASSOCIATED CONVENIENCE OUTLET. SEE SHEET E2.0P.
- 13 RELOCATED A/V SPEAKER. CONNECT TO A/V PANEL. SEE SHEET KEYNOTE 17.
- 14 CUT NEW DEVICE AND CONDUIT INTO EXISTING WALL PATCH AND REPAIR TO MATCH EXISTING.
- 15 1 1/2" CONDUIT WITH PULL-CORD UP TO ACCESSIBLE CEILING SPACE FOR A/V CABLE.
- 16 VERIFY DATA OUTLET AND RACEWAY REQUIREMENTS PRIOR TO ROUGH-IN.
- 17 A/V EQUIPMENT IN BOTTOM SHELF OF COUNTER CABINET MILLWORK.

THIS PLAN REPRESENTS EXISTING DEVICE AND EQUIPMENT LOCATIONS AS CLOSELY AS REASONABLY DISCERNIBLE AND IS PROVIDED FOR CONTRACTOR INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN VERIFICATION OF EXISTING CONDITIONS PRIOR TO BID.

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**DESERT SAGE HEALTH CENTER  
ADDITION AND REMODEL  
MOUNTAIN HOME, IDAHO**

DATE: 12/14/2012  
PROJECT NO: 1226.00  
SHEET: **E2.0S**  
SPECIAL SYSTEMS PLAN

EIDAM & ASSOCIATES PROJECT NUMBER 12-045



