



State of Utah—Department of Administrative Services

**DIVISION OF FACILITIES CONSTRUCTION
AND MANAGEMENT**

4110 State Office Building/Salt Lake City, Utah 84114/538-3018

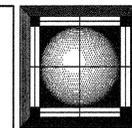
STATE OF UTAH
DEQ NORTH BUILDING REMODEL AND TENANT FINISH
168 NORTH 1950 WEST, SALT LAKE CITY, UTAH

DFCM PROJECT NO. 09254310

JUNE 2010

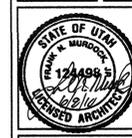
CONSTRUCTION DRAWINGS





DEQ NORTH BUILDING REMODEL AND TENANT FINISH

168 NORTH 1950 WEST
SALT LAKE CITY, UTAH
FRANK N MURDOCK JR ■ Architect & Associates
975 East 100 South, Suite 100, Salt Lake City, Utah 84102
TEL: (801) 532-4441 FAX (801) 532-4220



REVISION # DATE:

DFCM PROJECT NO.:
09254310
CONST. DOC.
FILE NAME: DEQ2-A103
PLOT SCALE: 1:96
DRAWN BY: STAFF
CHECKED BY: FNM
DATE: JUNE 2010

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NONSTRUCTURAL COMPONENT CHECKLIST

NONSTRUCTURAL COMPONENT CHECKLIST				
ITEM DESCRIPTION	NOT REQUIRED	ON CONST. DOCUMENTS	DEFERRED SUBMITTAL	COMMENTS
Architectural Components:				
Interior Nonstructural Walls & Partitions		X		
Cantilever Elements (i.e. parapets, etc.)	X			
Exterior Nonstructural Wall Elements				
Veneer				
Penthouses	X			
Ceilings (i.e. suspended grid or hard-lid)		X		
Cabinets (i.e. storage cabinets, equip, etc.)		X		
Access Floors				
Storage Racks	X			
Appendages & Ornamentations	X			
Signs & Billboards	X			
Other:				
Other:	X			
MEP Components:				
Fire Sprinklers			X	
Mechanical Equipment (i.e. HVAC, fans, air handlers, boilers, furnaces, tanks, chillers, water heaters, heat exchangers, evaporators, engines, turbines, pumps, compressors, MFR equipment, etc.)		X		
Electrical Equipment (i.e. generators, batteries, inverters, transformers, MCC, panel boards, switch gear, cabinets, etc.)		X		
Elevator & Escalator Components	X			
Communication Equipment, Computers, Instrumentation, and Controls	X			
Roof-mounted Chimneys, Stacks, Cooling & Electrical Towers	X			
Lighting Fixtures		X		
Vibration Isolated Components		X		
Piping & Conduit Systems		X		
Ductwork (including in-line components)		X		
Conveyors	X			
Cable Trays	X			
Other:				
Other:	X			

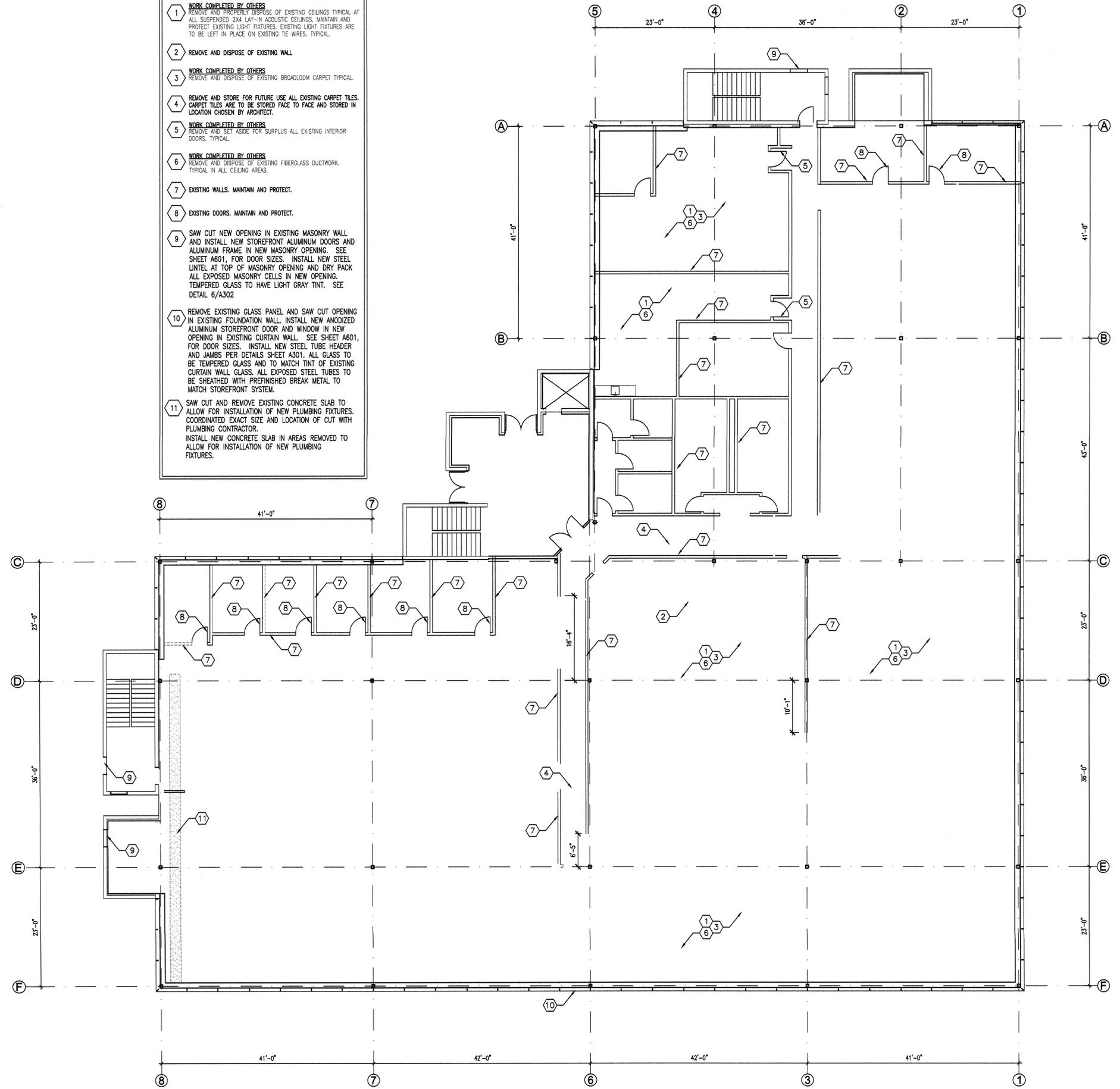
NOTES:

- Deferred submittals for seismic restraint of nonstructural components must be submitted to the DFCM Building Official a minimum of two weeks prior to the planned installation in order to allow for plan review and forwarding to inspectors. In the event that the submittal is deficient additional time may become necessary.
- If seismic restraints of non-structural components are installed prior to receiving DFCM approval they shall not be covered or concealed until receiving both plan review and inspection approval. Further, installers are proceeding at their own risk until plan review and inspection approval occurs.
- The requirements for seismic restraint of nonstructural components cannot be satisfied by a general reference to Design Manuals. The design professional may utilize these manuals as a basis of their design, but must provide all supporting documentation to ensure that the design conforms to the requirements of ASCE 7-05, Chapter 13.
- Submittals must include details of the proposed seismic restraint of nonstructural components. These details must show specific information relating to the materials, type, size, and locations of anchorages; materials used for bracing; attachment requirements of bracing to structure and component; and locations of transverse and longitudinal sway bracing and rod stiffeners. Submittals may also require structural calculations, engineering reports, test data, and/or specifications to ensure code compliance.

Revised: 02/15/2010 Page 2 of 2

DEMOLITION NOTES

- 1 WORK COMPLETED BY OTHERS
REMOVE AND PROPERLY DISPOSE OF EXISTING CEILINGS TYPICAL AT ALL SUSPENDED 2X4 LAY-IN ACOUSTIC CEILINGS. MAINTAIN AND PROTECT EXISTING LIGHT FIXTURES. EXISTING LIGHT FIXTURES ARE TO BE LEFT IN PLACE ON EXISTING TIE WIRES. TYPICAL.
- 2 REMOVE AND DISPOSE OF EXISTING WALL.
- 3 WORK COMPLETED BY OTHERS
REMOVE AND DISPOSE OF EXISTING BROADLOOM CARPET TYPICAL.
- 4 REMOVE AND STORE FOR FUTURE USE ALL EXISTING CARPET TILES. CARPET TILES ARE TO BE STORED FACE TO FACE AND STORED IN LOCATION CHOSEN BY ARCHITECT.
- 5 WORK COMPLETED BY OTHERS
REMOVE AND SET ASIDE FOR SURPLUS ALL EXISTING INTERIOR DOORS. TYPICAL.
- 6 WORK COMPLETED BY OTHERS
REMOVE AND DISPOSE OF EXISTING FIBERGLASS DUCTWORK. TYPICAL IN ALL CEILING AREAS.
- 7 EXISTING WALLS. MAINTAIN AND PROTECT.
- 8 EXISTING DOORS. MAINTAIN AND PROTECT.
- 9 SAW CUT NEW OPENING IN EXISTING MASONRY WALL AND INSTALL NEW STOREFRONT ALUMINUM DOORS AND ALUMINUM FRAME IN NEW MASONRY OPENING. SEE SHEET A601, FOR DOOR SIZES. INSTALL NEW STEEL LINTEL AT TOP OF MASONRY OPENING AND DRY PACK ALL EXPOSED MASONRY CELLS IN NEW OPENING. TEMPERED GLASS TO HAVE LIGHT GRAY TINT. SEE DETAIL 6/A302
- 10 REMOVE EXISTING GLASS PANEL AND SAW CUT OPENING IN EXISTING FOUNDATION WALL. INSTALL NEW ANODIZED ALUMINUM STOREFRONT DOOR AND WINDOW IN NEW OPENING IN EXISTING CURTAIN WALL. SEE SHEET A601, FOR DOOR SIZES. INSTALL NEW STEEL TUBE HEADER AND JAMBS PER DETAILS SHEET A301. ALL GLASS TO BE TEMPERED GLASS AND TO MATCH TINT OF EXISTING CURTAIN WALL GLASS. ALL EXPOSED STEEL TUBES TO BE SHEATHED WITH PREFINISHED BREAK METAL TO MATCH STOREFRONT SYSTEM.
- 11 SAW CUT AND REMOVE EXISTING CONCRETE SLAB TO ALLOW FOR INSTALLATION OF NEW PLUMBING FIXTURES. COORDINATED EXACT SIZE AND LOCATION OF CUT WITH PLUMBING CONTRACTOR.
INSTALL NEW CONCRETE SLAB IN AREAS REMOVED TO ALLOW FOR INSTALLATION OF NEW PLUMBING FIXTURES.



MAIN LEVEL DEMOLITION FLOOR PLAN
SCALE: 1/8" = 1'-0"
0 2 4 8

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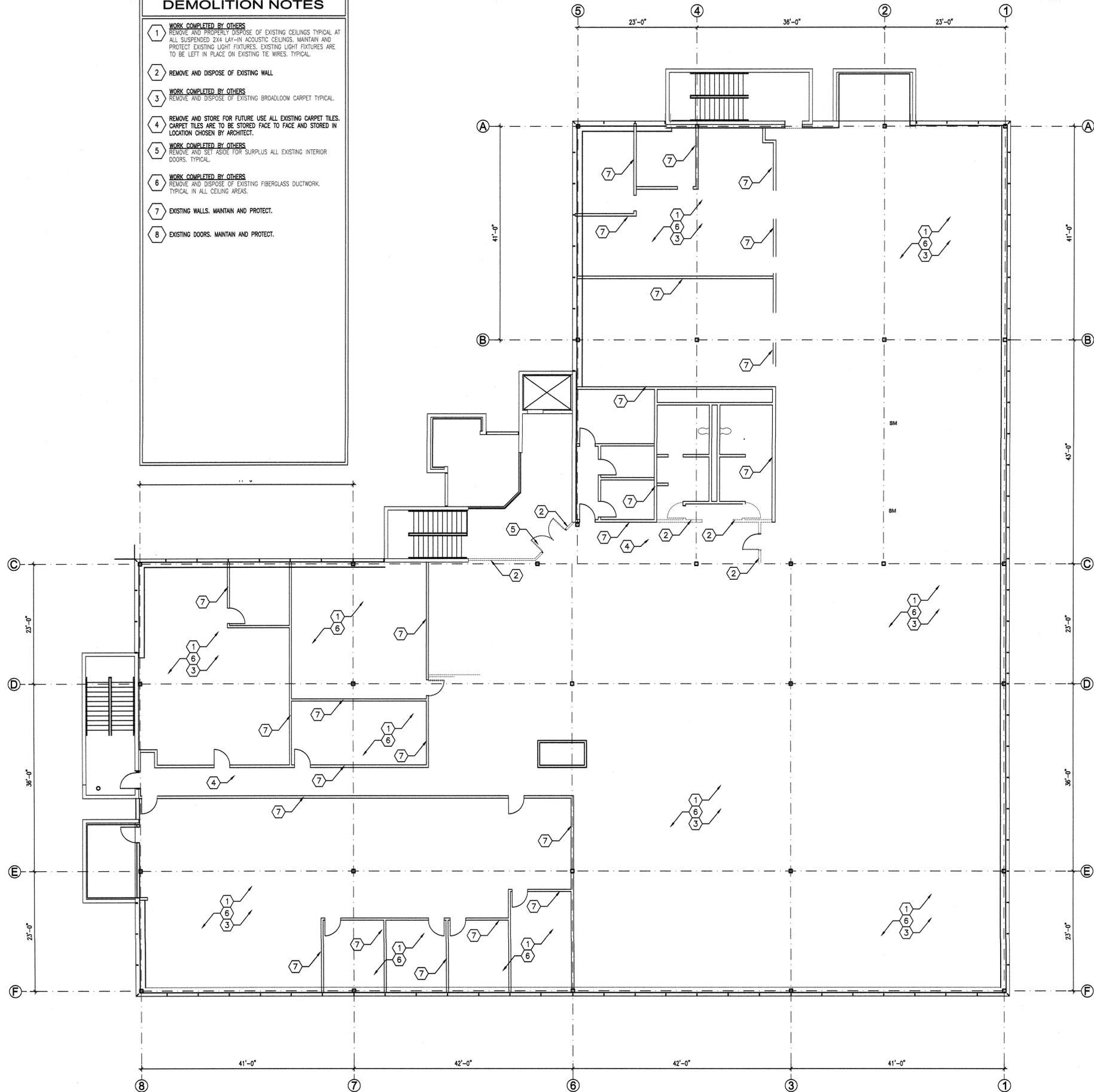


REVISION # DATE:

DFCM PROJECT NO.:
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101

- DEMOLITION NOTES**
- 1 WORK COMPLETED BY OTHERS
REMOVE AND PROPERLY DISPOSE OF EXISTING CEILINGS TYPICAL AT ALL SUSPENDED 2X4 LAY-IN ACOUSTIC CEILINGS. MAINTAIN AND PROTECT EXISTING LIGHT FIXTURES. EXISTING LIGHT FIXTURES ARE TO BE LEFT IN PLACE ON EXISTING TIE WIRES. TYPICAL.
 - 2 REMOVE AND DISPOSE OF EXISTING WALL.
 - 3 WORK COMPLETED BY OTHERS
REMOVE AND DISPOSE OF EXISTING BROADLOOM CARPET TYPICAL.
 - 4 REMOVE AND STORE FOR FUTURE USE ALL EXISTING CARPET TILES. CARPET TILES ARE TO BE STORED FACE TO FACE AND STORED IN LOCATION CHOSEN BY ARCHITECT.
 - 5 WORK COMPLETED BY OTHERS
REMOVE AND SET ASIDE FOR SURPLUS ALL EXISTING INTERIOR DOORS. TYPICAL.
 - 6 WORK COMPLETED BY OTHERS
REMOVE AND DISPOSE OF EXISTING FIBERGLASS DUCTWORK. TYPICAL IN ALL CEILING AREAS.
 - 7 EXISTING WALLS. MAINTAIN AND PROTECT.
 - 8 EXISTING DOORS. MAINTAIN AND PROTECT.

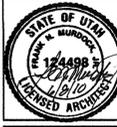


UPPER LEVEL DEMOLITION FLOOR PLAN
 SCALE: 1/8" = 1'-0"
 0 2 4 8 16

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STATE OF UTAH
 FRANK N. MURDOCK JR.
 1988
 LICENSED ARCHITECT

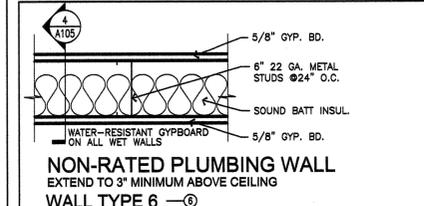
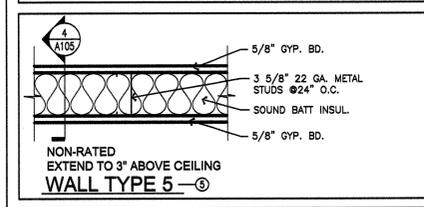
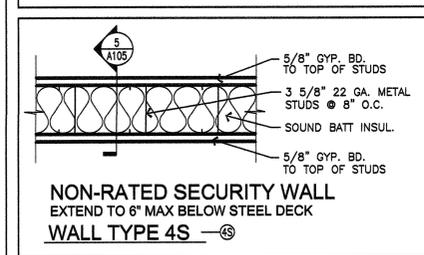
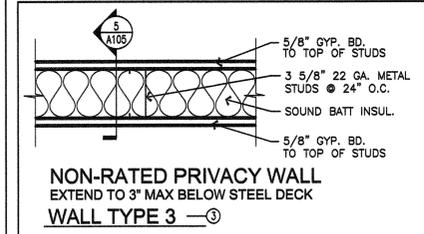
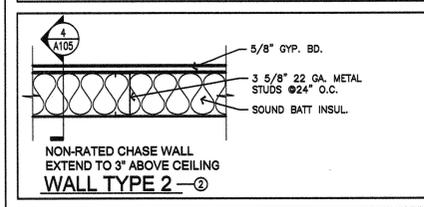
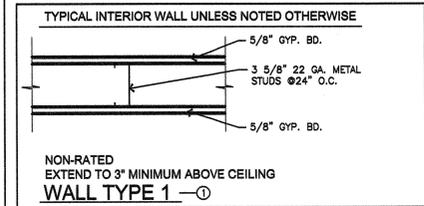


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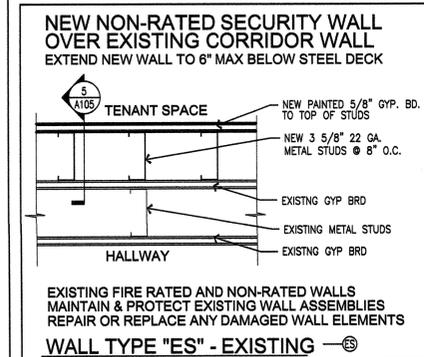
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09254310
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 FILE NAME: DE02-A102
 PLOT SCALE: 1/8"
 DRAWN BY: STAFF
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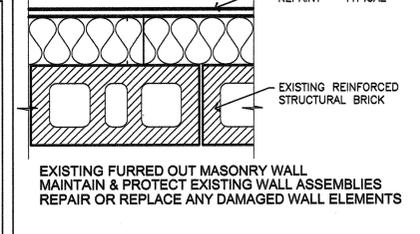
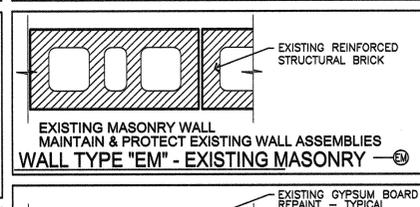
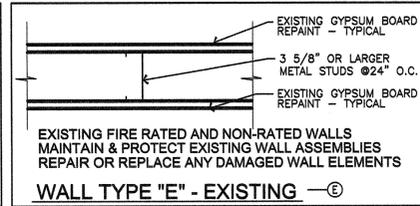
NEW INTERIOR WALL TYPES



EXISTING INTERIOR WALL MODIFIED FOR SECURITY



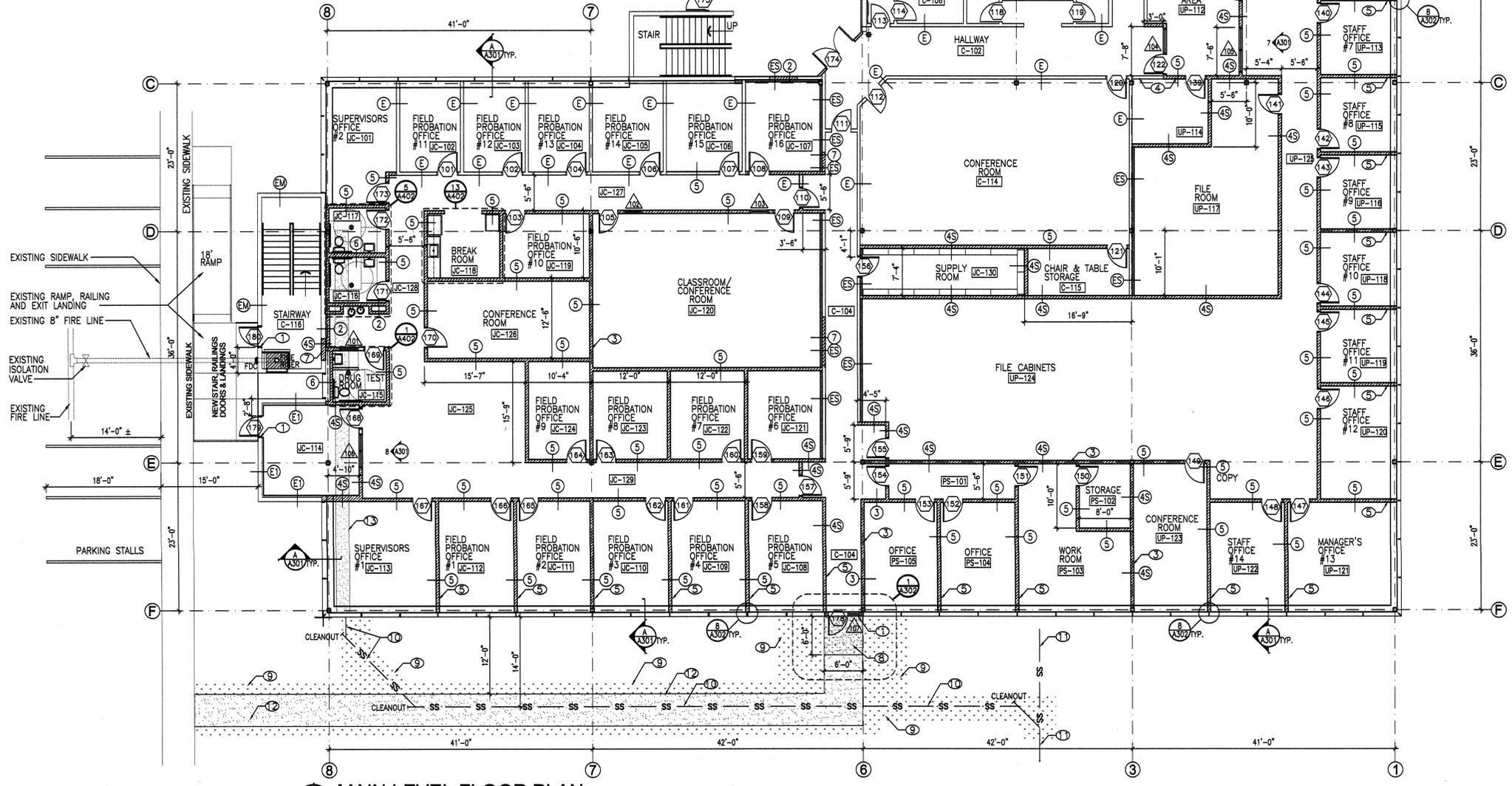
EXISTING INTERIOR WALLS TYPES KEYED NOTES



- SAW CUT NEW OPENING IN EXISTING MASONRY WALL AND INSTALL NEW STOREFRONT ALUMINUM DOORS AND ALUMINUM FRAME IN NEW MASONRY OPENING. SEE SHEET A601, FOR DOOR SIZES. INSTALL NEW STEEL LINTEL AT TOP OF MASONRY OPENING AND DRY PACK ALL EXPOSED MASONRY CELLS IN NEW OPENING. TEMPERED GLASS TO HAVE LIGHT GRAY TINT. SEE DETAIL 6/A302
- REMOVE EXISTING GLASS PANEL AND SAW CUT OPENING IN EXISTING FOUNDATION WALL. INSTALL NEW ANODIZED ALUMINUM STOREFRONT DOOR AND WINDOW IN NEW OPENING IN EXISTING CURTAIN WALL. SEE SHEET A601, FOR DOOR SIZES. INSTALL NEW STEEL TUBE HEADER AND JAMBS PER DETAILS SHEET A301. ALL GLASS TO BE TEMPERED GLASS AND TO MATCH TINT OF EXISTING CURTAIN WALL GLASS. ALL EXPOSED STEEL TUBES TO BE SHEATHED WITH PREFINISHED BREAK METAL TO MATCH STOREFRONT SYSTEM.
- CENTER WALL ON COLUMN
- ALIGN WITH EXISTING WALLS
- CENTER WALL ON MULLION - SEE DETAIL 8/A302
- REMOVE EXISTING WINDOW AND/OR DOOR AND FRAME. INSTALL NEW TYPE 5 OR 7 WALL IN EXISTING OPENING. INSTALL NEW WALL FLUSH WITH ADJACENT SURFACES. PATCH AND PAINT TO MATCH ADJACENT GYPSUM BOARD WALL.
- REMOVE EXISTING DOOR AND FRAME. INSTALL NEW TYPE 4S WALL IN EXISTING OPENING. INSTALL NEW WALL SET BACK 1" FROM FACE OF ADJACENT SURFACES.
- NEW CONCRETE 4" THICK SIDEWALK OVER 4" GRAVEL BASE OVER COMPACTED SUBGRADE.
- NEW SOD OVER DISTURBED LANDSCAPE AREAS TYPICAL. REPAIR DAMAGE TO EXISTING AUTOMATIC LANDSCAPE SPRINKLING SYSTEM WHERE DISTURBED OR DAMAGED BY NEW CONSTRUCTION TYPICAL.
- NEW 4" SANITARY SEWER LINE. FIELD VERIFY DEPTH OF EXISTING SEWER LINE PRIOR TO EXCAVATION FOR NEW LINE. LOCATION OF CONNECTION OF NEW TO OLD LINE TO BE DETERMINED BY SLOPE OF EXISTING LINE.
- EXISTING 4" SANITARY SEWER LINE. FIELD VERIFY DEPTH OF EXISTING SEWER LINE PRIOR TO EXCAVATION FOR NEW LINE. LOCATION OF CONNECTION OF NEW TO OLD LINE TO BE DETERMINED BY SLOPE OF EXISTING LINE.
- NEW 4" THICK X 5'-0" WIDE 4000 PSI CONCRETE SIDEWALK OVER 4" GRAVEL BASE OVER COMPACTED SUBGRADE FROM NEW EXIT TO EXISTING SIDEWALK TO THE NORTH. MAXIMUM SIDEWALK CROSS SLOPE 1/4" PER FOOT. MAXIMUM SIDEWALK SLOPE 1/20'.
- INSTALL NEW CONCRETE SLAB IN AREAS REMOVED TO ALLOW FOR INSTALLATION OF NEW PLUMBING FIXTURES. COORDINATE EXACT LOCATION OF CUT W/PLUMBING CONTRACTOR. TYPICAL ALL AREAS.

GENERAL NOTES

- ALL WORK IS TO BE ACCOMPLISHED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- MAINTAIN AND PROTECT ALL EXISTING STRUCTURAL ELEMENTS.
- MAINTAIN AND PROTECT ALL EXISTING FIRE EXTINGUISHER CABINETS
- ALL WALLS ARE AT 90 OR 45 DEGREES UNLESS NOTED OTHERWISE.
- WHERE NEW WALLS MEET EXISTING WALLS, PATCH AND REPAIR EXISTING WALLS. TAPE, MUD AND SAND JOINTS WHERE NEW MEETS OLD. PAINT WALL FROM CORNER TO CORNER. TYPICAL.
- SEE SHEETS A601 & A602 FOR DOOR AND WINDOW DETAILS AND SCHEDULE. SEE SHEETS A603 & A604 FOR ROOM FINISHES.



MAIN LEVEL FLOOR PLAN
SCALE: 1/8" = 1'-0"
0 2 4 8

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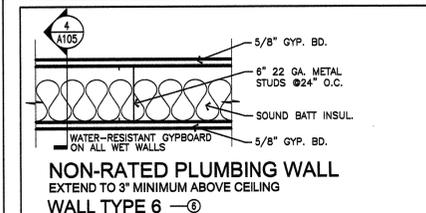
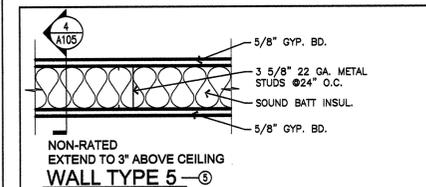
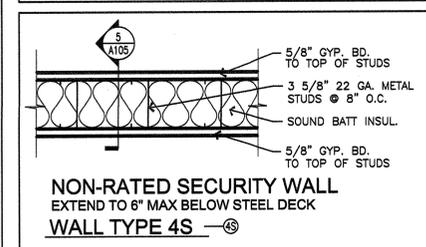
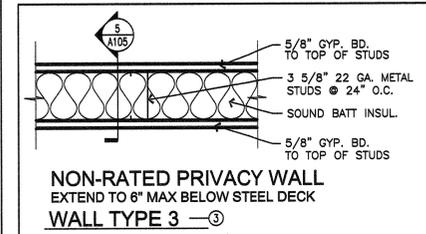
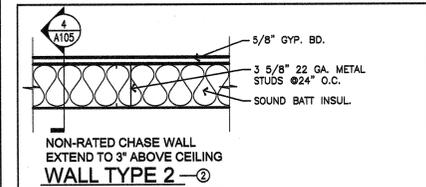
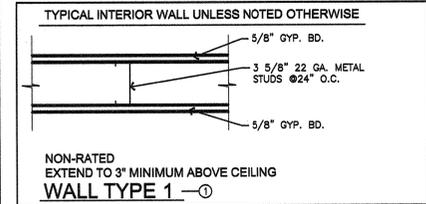


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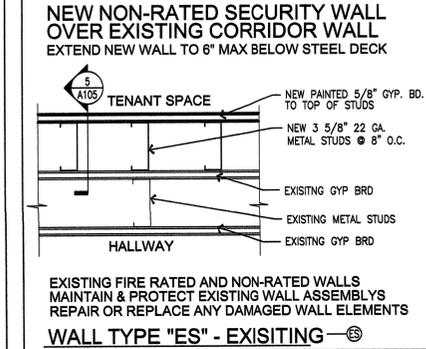
DFCM PROJECT NO.: 09254310
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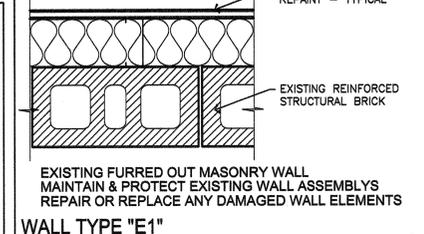
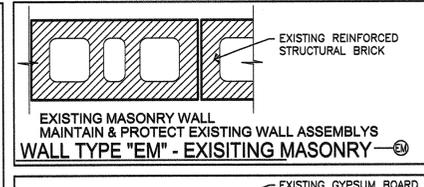
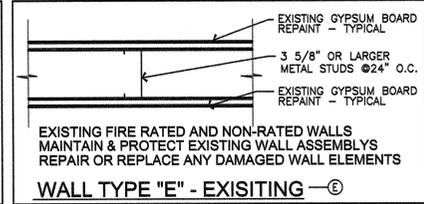
NEW INTERIOR WALL TYPES



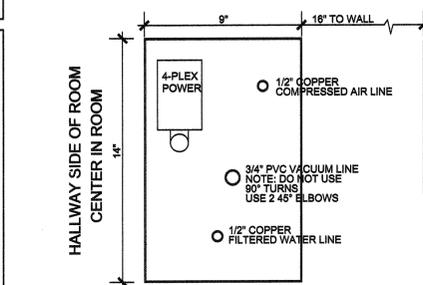
EXISTING INTERIOR WALL MODIFIED FOR SECURITY



EXISTING INTERIOR WALLS TYPES KEYED NOTES



- PROVIDE AND INSTALL BRADLEY 9813 PASS THROUGH SPECIMEN BOX OR APPROVED EQUAL. 12" X 13" NOMINAL SIZE.
- AT CONTRACTOR'S OPTION, EXISTING CORRIDOR MAY BE REMOVED AND REPLACED OR REMODELED TO MATCH NEW LAYOUT. NOTE, IF EXISTING WALL IS REMODELED, EXISTING DOORS AND FRAMES ARE TO BE REMOVED AND INFILLED TO MATCH ADJACENT SURFACES TO PROVIDE CLEAN SMOOTH FINISH CONSISTENT WITH THAT OF NEW CONSTRUCTION. IF EXISTING WALL IS LEFT IN PLACE HALLWAY WIDTH WILL BE REDUCED TO 5'-0" MINIMUM.
- CENTER WALL ON COLUMN
- ALIGN WITH EXISTING WALLS
- CENTER WALL ON MULLION - SEE DETAIL 8/A302
- DENTIST CHAIR UTILITY BOX TYPICAL AT OPERATORY #1 THROUGH #12. SEE DETAIL 1/A104
- OWNER PROVIDED CONTRACTOR INSTALLED PASS THROUGH XRAY MACHINE WALL CABINET. PROVIDE 4X4 WOOD SUPPORTS FROM FLOOR TO TOP OF METAL STUDS AT JAMBS. TYPICAL.
- OWNER PROVIDED CONTRACTOR INSTALLED SINGLE SIDED XRAY MACHINE WALL CABINET. PROVIDE 4X4 WOOD SUPPORTS FROM FLOOR TO TOP OF METAL STUDS AT JAMBS. TYPICAL.

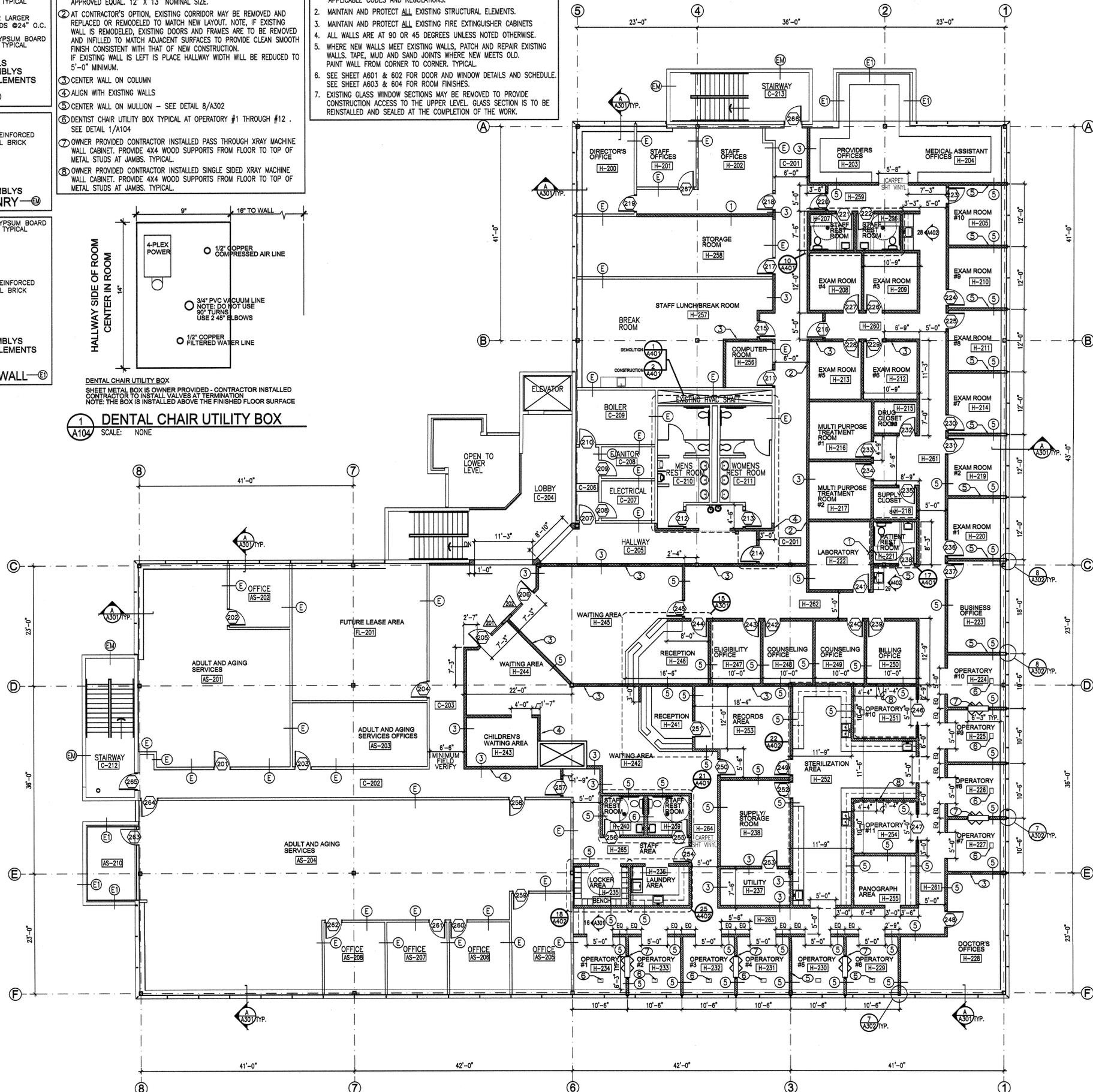


DENTAL CHAIR UTILITY BOX
SHEET METAL BOX IS OWNER PROVIDED - CONTRACTOR INSTALLED
CONTRACTOR TO INSTALL VALVES AT TERMINATION
NOTE: THE BOX IS INSTALLED ABOVE THE FINISHED FLOOR SURFACE

1 A104 DENTAL CHAIR UTILITY BOX
SCALE: NONE

GENERAL NOTES

- ALL WORK IS TO BE ACCOMPLISHED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- MAINTAIN AND PROTECT ALL EXISTING STRUCTURAL ELEMENTS.
- MAINTAIN AND PROTECT ALL EXISTING FIRE EXTINGUISHER CABINETS
- ALL WALLS ARE AT 90 OR 45 DEGREES UNLESS NOTED OTHERWISE.
- WHERE NEW WALLS MEET EXISTING WALLS, PATCH AND REPAIR EXISTING WALLS. TAPE, MUD AND SAND JOINTS WHERE NEW MEETS OLD. PAINT WALL FROM CORNER TO CORNER. TYPICAL.
- SEE SHEET A601 & 602 FOR DOOR AND WINDOW DETAILS AND SCHEDULE. SEE SHEET A603 & 604 FOR ROOM FINISHES.
- EXISTING GLASS WINDOW SECTIONS MAY BE REMOVED TO PROVIDE CONSTRUCTION ACCESS TO THE UPPER LEVEL. GLASS SECTION IS TO BE REINSTALLED AND SEALED AT THE COMPLETION OF THE WORK.



UPPER LEVEL FLOOR PLAN
SCALE: 1/8" = 1'-0"

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UPPER LEVEL FLOOR PLAN

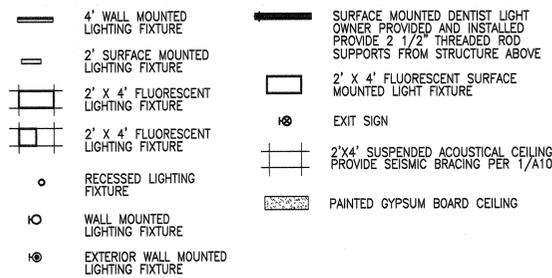
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A 104

REFLECTED CEILING PLAN LEGEND



CEILING TYPE SCHEDULE

- NEW TYPE 1 24" x 48" ACOUSTICAL LAY-IN CEILING TILE SUSPENDED FROM STRUCTURE ABOVE
- EXISTING - 24" x 48" OR 24" x 24" ACOUSTICAL LAY-IN CEILING AND 2X2 OR 2X4 LIGHTING TO REMAIN INSTALL NEW CEILING TILES IN EXISTING GRID
- NEW PAINTED 5/8" GYPSUM BOARD CEILING OVER METAL STUD FRAMING. PAINT - COLOR AS SELECTED BY ARCHITECT
- EXISTING PAINTED 5/8" GYPSUM BOARD CEILING MAINTAIN AND PROTECT EXISTING CEILING RE-PAINT - COLOR AS SELECTED BY ARCHITECT
- 5/8" GYPSUM BOARD SUSPENDED FROM STRUCTURE ABOVE OR OVER METAL STUD FRAMING.
- EXISTING - 24" x 48" OR 24" x 24" ACOUSTICAL LAY-IN CEILING AND 2X2 OR 2X4 LIGHTING TO REMAIN MAINTAIN AND PROTECT EXISTING CEILING & LIGHTING- NO CHANGE

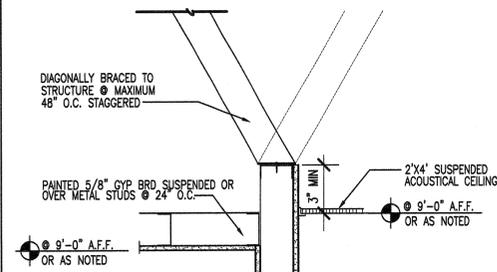
CEILING ELEVATIONS

- 1 CEILING ELEVATION: 9'-0" A.F.F.
- 2 CEILING ELEVATION: 8'-10" A.F.F.
- 3 CEILING ELEVATION: EXISTING CEILING VARIES
- 4 CEILING ELEVATION: EXISTING CEILING
- 5 HEADER ELEVATION: 8'-0" A.F.F.
- 6 CEILING ELEVATION: 8'-0" A.F.F.

GENERAL NOTES

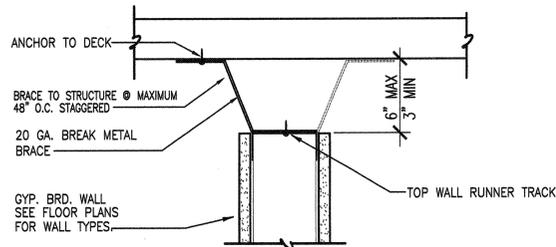
1. THE EXISTING CEILING SYSTEM IN THE AREAS OF "NEW LAY-IN CEILING TILES" HAS BEEN REMOVED AND DISPOSED OF BY OTHERS.
2. THE EXISTING 2X4 FLUORESCENT LIGHT FIXTURES ARE TO BE REUSED. THERE ARE 218 EXISTING 2X4 FLUORESCENT FIXTURES ON LEVEL 1. 285 2X4 LIGHT FIXTURES ARE REQUIRE WITH THE NEW CEILING LAYOUT. 67 NEW 2X4 FLUORESCENT LIGHT FIXTURES ARE TO BE PROVIDED AND INSTALLED ON THIS LEVEL.

NOTE: CEILING TO BE INSTALLED PER 2006 IBC OR BRACED PER 1997 UBC STANDARDS, SECTION 25-2.. THE PREFERRED METHOD OF INSTALLATION IS THE 1997 UBC STANDARDS, SECTION 25-2.. THE CEILING EXPANSION JOINT IS NOT REQUIRED IF INSTALLED PER THE 1997 UBC STANDARDS



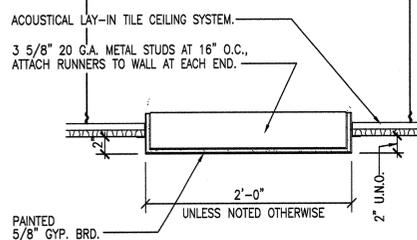
4 INTERIOR WALL BRACING

A105 SCALE: NOT NOT SCALE



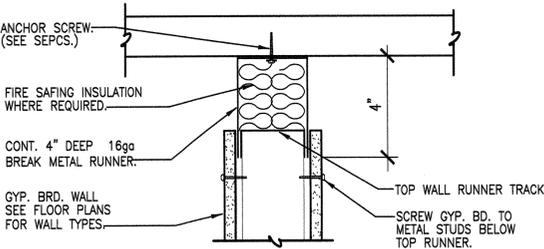
5 TOP OF SECURITY WALL DETAIL

A105 SCALE: NOT NOT SCALE



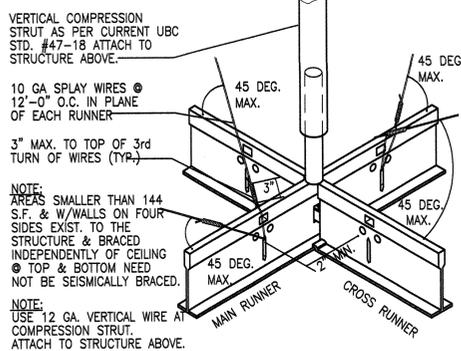
3 DROPPED CEILING DETAIL

A105 SCALE: NOT OT SCALE



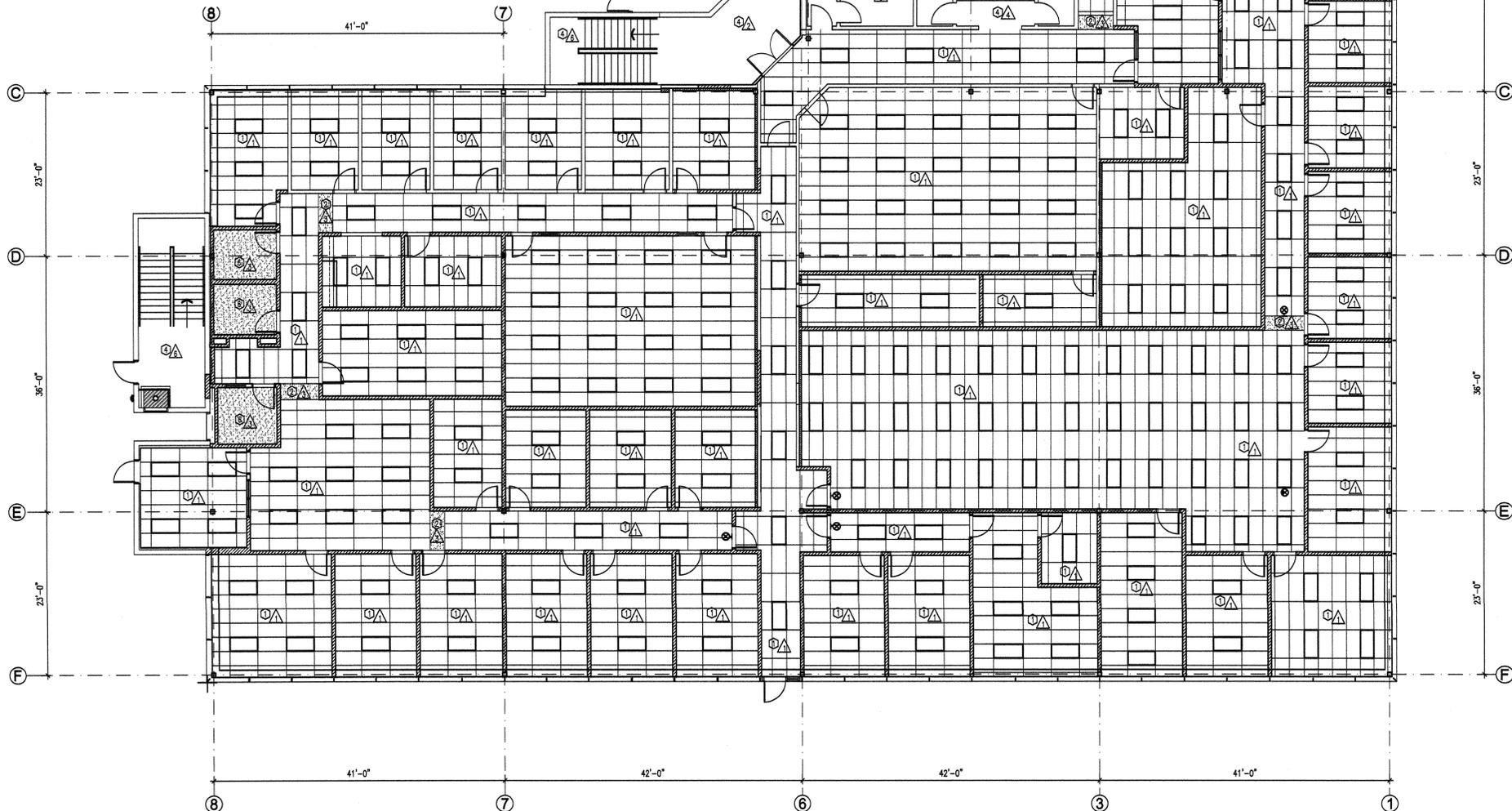
2 SLIP JOINT DETAIL

A105 SCALE: NOT OT SCALE



1 SEISMIC BRACING DETAIL

A105 SCALE: NOT OT SCALE



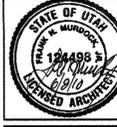
MAIN LEVEL REFLECTED CEILING PLAN

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

DEQ NORTH BUILDING REMODEL AND TENANT FINISH

168 NORTH 1950 WEST
SALT LAKE CITY, UTAH

FRANK N MURDOCK JR Architect & Associates
975 East 100 South, Suite 100, Salt Lake City, Utah 84102 TEL: (801) 532-4441 FAX: (801) 532-4220



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PLOT SCALE: 1:96
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CHECKED BY: FMW
DATE: JUNE 2010

A 105

MAIN LEVEL REFLECTED CEILING PLAN

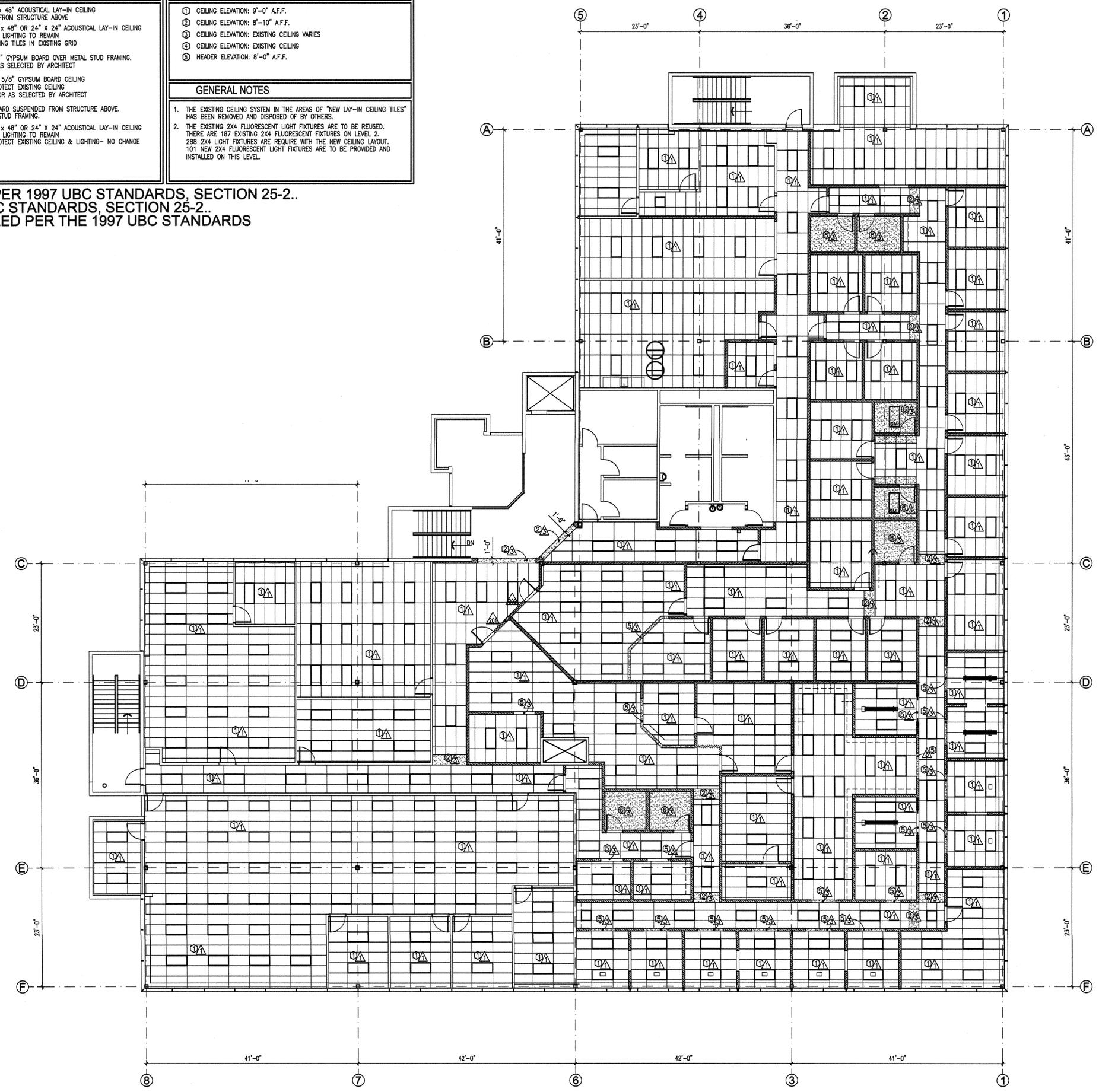
REFLECTED CEILING PLAN LEGEND	
	4' WALL MOUNTED LIGHTING FIXTURE
	2' SURFACE MOUNTED LIGHTING FIXTURE
	2' X 4' FLUORESCENT LIGHTING FIXTURE
	2' X 4' FLUORESCENT LIGHTING FIXTURE
	RECESSED LIGHTING FIXTURE
	WALL MOUNTED LIGHTING FIXTURE
	EXTERIOR WALL MOUNTED LIGHTING FIXTURE
	SURFACE MOUNTED DENTIST LIGHT OWNER PROVIDED AND INSTALLED PROVIDE 2 1/2" THREADED ROD SUPPORTS FROM STRUCTURE ABOVE
	2' X 4' FLUORESCENT SURFACE MOUNTED LIGHT FIXTURE
	EXIT SIGN
	2' X 4' SUSPENDED ACOUSTICAL CEILING PROVIDE SEISMIC BRACING PER 1/A105
	PAINTED GYPSUM BOARD CEILING

CEILING TYPE SCHEDULE	
	NEW TYPE 1 24" X 48" ACOUSTICAL LAY-IN CEILING TILE SUSPENDED FROM STRUCTURE ABOVE
	EXISTING - 24" X 48" OR 24" X 24" ACOUSTICAL LAY-IN CEILING AND 2X2 OR 2X4 LIGHTING TO REMAIN INSTALL NEW CEILING TILES IN EXISTING GRID
	NEW PAINTED 5/8" GYPSUM BOARD OVER METAL STUD FRAMING. PAINT - COLOR AS SELECTED BY ARCHITECT
	EXISTING PAINTED 5/8" GYPSUM BOARD CEILING MAINTAIN AND PROTECT EXISTING CEILING RE-PAINT - COLOR AS SELECTED BY ARCHITECT
	5/8" GYPSUM BOARD SUSPENDED FROM STRUCTURE ABOVE OR OVER METAL STUD FRAMING.
	EXISTING - 24" X 48" OR 24" X 24" ACOUSTICAL LAY-IN CEILING AND 2X2 OR 2X4 LIGHTING TO REMAIN MAINTAIN AND PROTECT EXISTING CEILING & LIGHTING - NO CHANGE

CEILING ELEVATIONS	
①	CEILING ELEVATION: 9'-0" A.F.F.
②	CEILING ELEVATION: 8'-10" A.F.F.
③	CEILING ELEVATION: EXISTING CEILING VARIES
④	CEILING ELEVATION: EXISTING CEILING
⑤	HEADER ELEVATION: 8'-0" A.F.F.

GENERAL NOTES	
1.	THE EXISTING CEILING SYSTEM IN THE AREAS OF "NEW LAY-IN CEILING TILES" HAS BEEN REMOVED AND DISPOSED OF BY OTHERS.
2.	THE EXISTING 2X4 FLUORESCENT LIGHT FIXTURES ARE TO BE REUSED. THERE ARE 187 EXISTING 2X4 FLUORESCENT FIXTURES ON LEVEL 2. 288 2X4 LIGHT FIXTURES ARE REQUIRE WITH THE NEW CEILING LAYOUT. 101 NEW 2X4 FLUORESCENT LIGHT FIXTURES ARE TO BE PROVIDED AND INSTALLED ON THIS LEVEL.

NOTE: CEILING TO BE INSTALLED PER 2006 IBC OR BRACED PER 1997 UBC STANDARDS, SECTION 25-2..
 THE PREFERRED METHOD OF INSTALLATION IS THE 1997 UBC STANDARDS, SECTION 25-2..
 THE CEILING EXPANSION JOINT IS NOT REQUIRED IF INSTALLED PER THE 1997 UBC STANDARDS

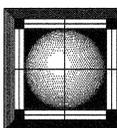


UPPER LEVEL REFLECTED CEILING PLAN
 SCALE: 1/8" = 1'-0"

DEQ NORTH BUILDING REMODEL AND TENANT FINISH
 168 NORTH 1950 WEST
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REVISION # DATE:
 DFCM PROJECT NO.: 09254310
 CONST. DOC.
 FILE NAME: DE02-A106
 PLOT SCALE: 1/8"
 DRAWN BY: STAFF
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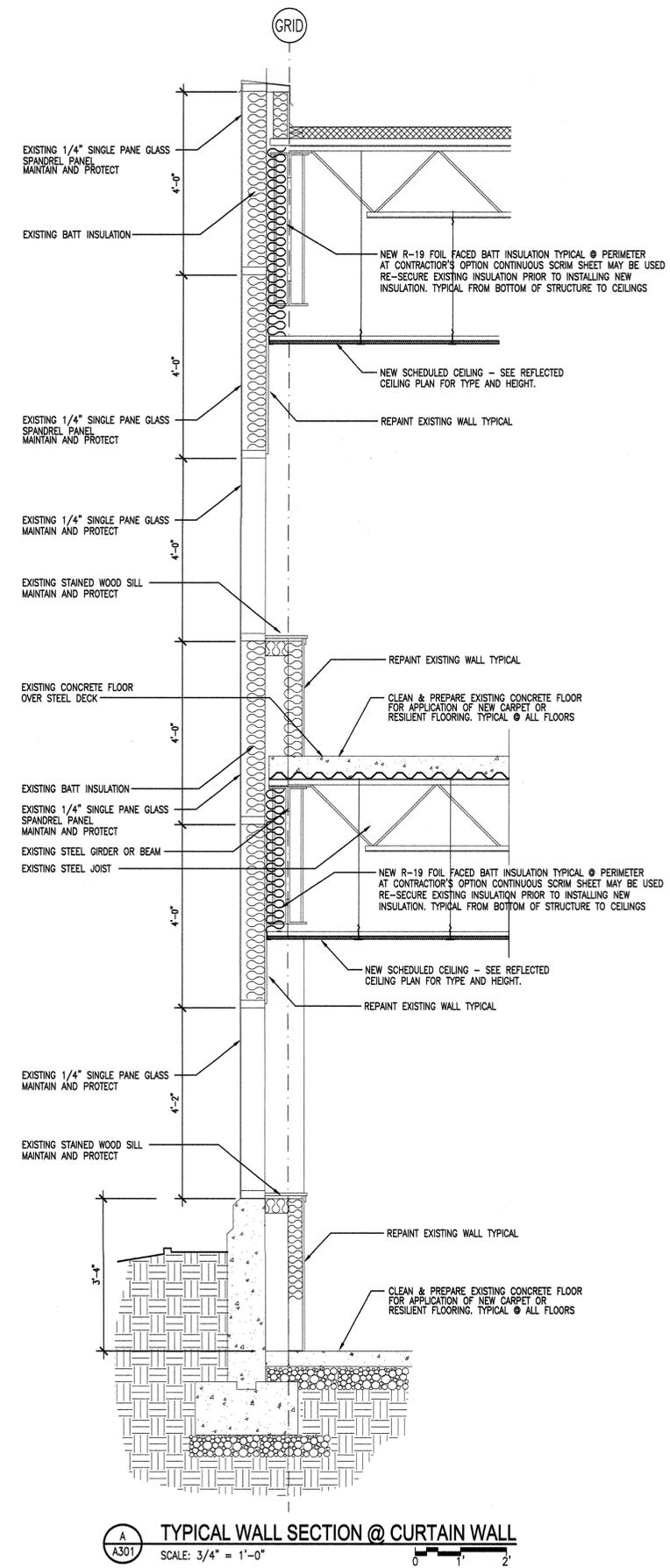
DEQ NORTH BUILDING REMODEL AND TENANT FINISH
WALL SECTIONS, CABINETRY ELEVATIONS AND DETAILS

DEQ NORTH BUILDING REMODEL AND TENANT FINISH
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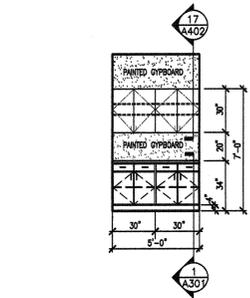


REVISION # DATE:
DFCM PROJECT NO.:
CONST. DOC. FILE NAME: DE02-A301
PLOT SCALE: 1:16
DRAWN BY: STAFF
CHECKED BY: FM
DATE: JUNE 2010

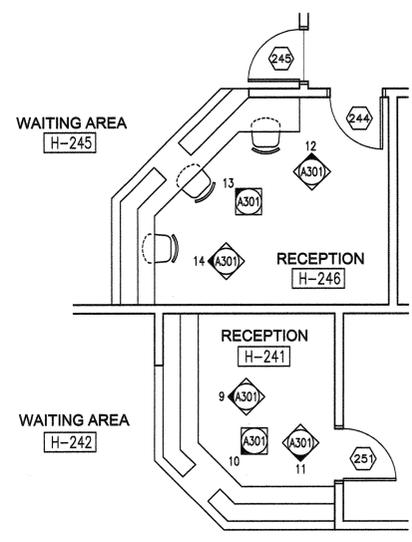
A301



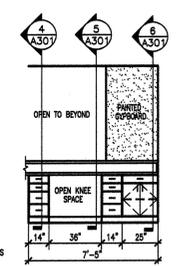
A301 TYPICAL WALL SECTION @ CURTAIN WALL
SCALE: 3/4" = 1'-0"



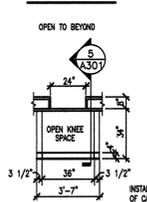
A301 ELEV. AT HALLWAY H-263 AND GRID 6
SCALE: 1/4" = 1'-0"



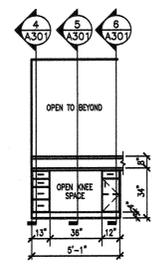
A301 ENLARGED FLOOR PLAN
SCALE: 1/4" = 1'-0"



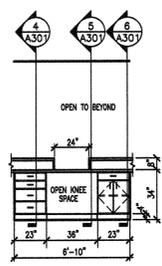
A301 ELEV. AT RECEPTION H-241
SCALE: 1/4" = 1'-0"



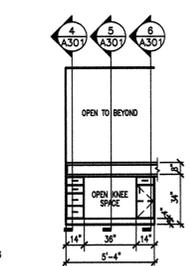
A301 ELEV. AT RECEPTION H-241
SCALE: 1/4" = 1'-0"



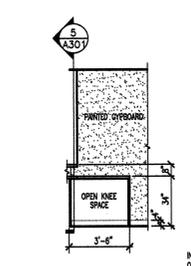
A301 ELEV. AT RECEPTION H-246
SCALE: 1/4" = 1'-0"



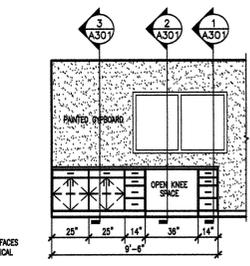
A301 ELEV. AT RECEPTION H-246
SCALE: 1/4" = 1'-0"



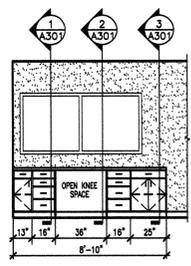
A301 ELEV. AT RECEPTION H-241
SCALE: 1/4" = 1'-0"



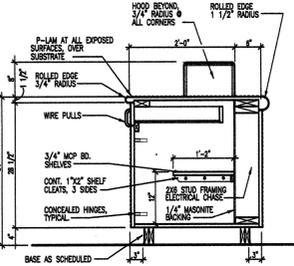
A301 ELEV. AT RECEPTION H-246
SCALE: 1/4" = 1'-0"



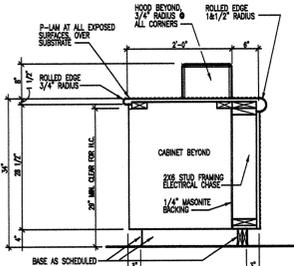
A301 ELEV. AT WORK STATIONS JC-125
SCALE: 1/4" = 1'-0"



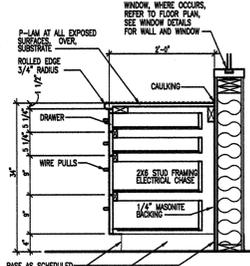
A301 ELEV. AT HALLWAY UP-125
SCALE: 1/4" = 1'-0"



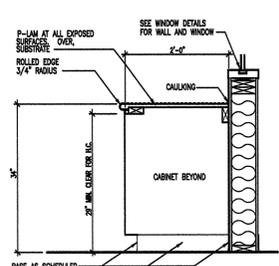
A301 RETAIL COUNTER SECTION
SCALE: 3/4" = 1'-0"



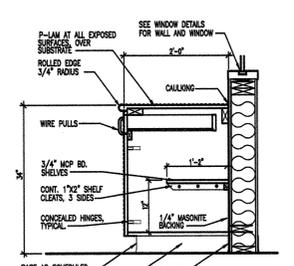
A301 RETAIL COUNTER SECTION
SCALE: 3/4" = 1'-0"



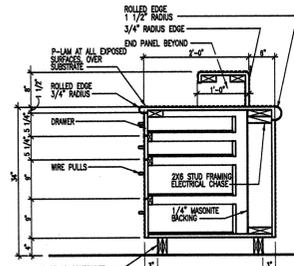
A301 RETAIL COUNTER SECTION
SCALE: 3/4" = 1'-0"



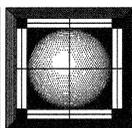
A301 RETAIL COUNTER SECTION
SCALE: 3/4" = 1'-0"



A301 RETAIL COUNTER SECTION
SCALE: 3/4" = 1'-0"



A301 RETAIL COUNTER SECTION
SCALE: 3/4" = 1'-0"



DEQ NORTH BUILDING REMODEL AND TENANT FINISH

168 NORTH 1950 WEST
SALT LAKE CITY, UTAH

WALL SECTIONS AND DETAILS

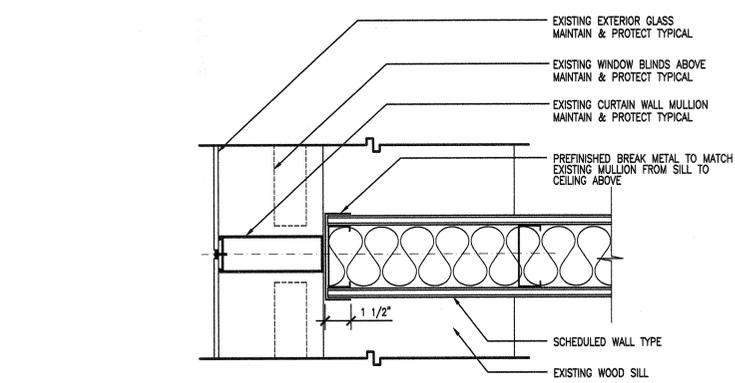
FRANK N MURDOCK JR
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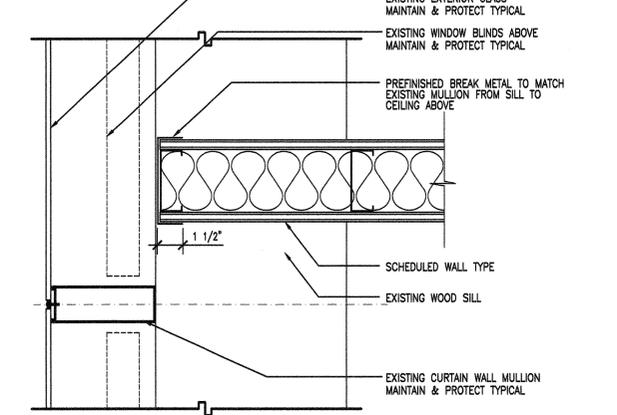
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DFCM PROJECT NO.: 09254310
CONST. DOC. FILE NAME: DEQ2-A301
PLOT SCALE: 1:16
DRAWN BY: STAFF
CHECKED BY: FMW
DATE: JUNE 2010

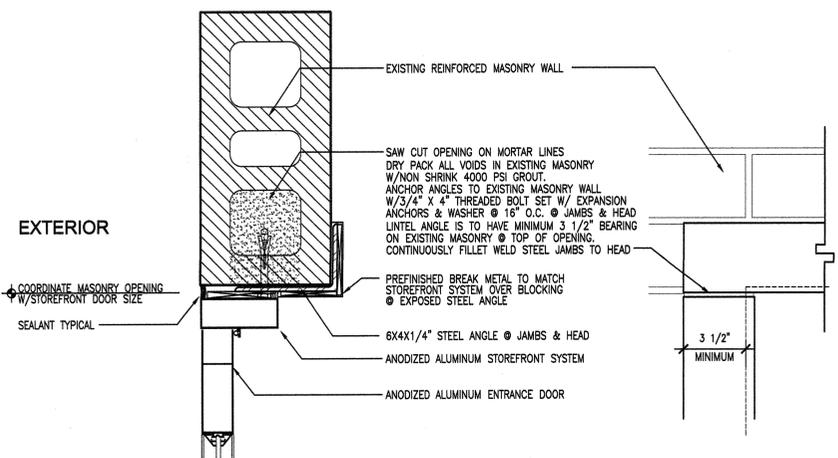
A 302



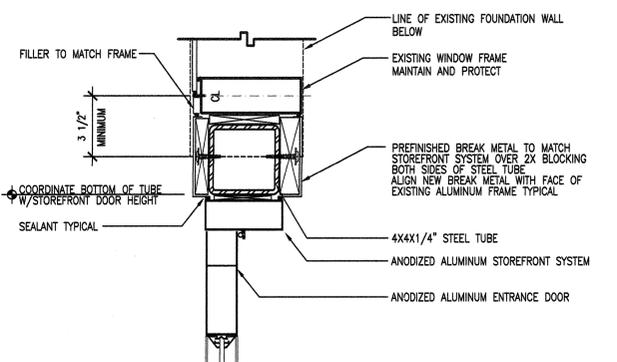
8 NEW WALL TO EXISTING EXTERIOR WINDOW MULLION DETAIL
SCALE: NONE



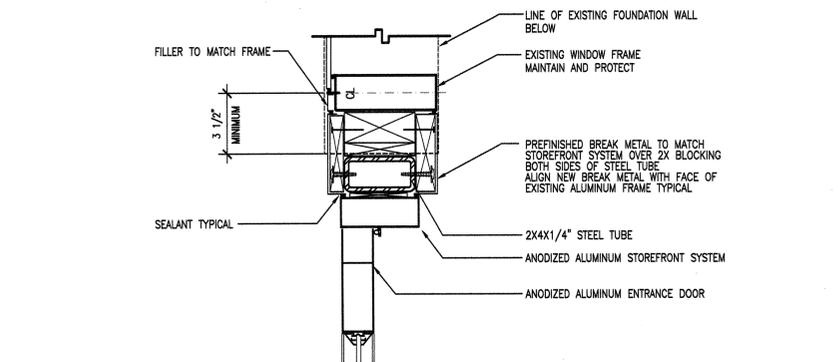
7 NEW WALL TO EXISTING EXTERIOR WINDOW DETAIL
SCALE: NONE



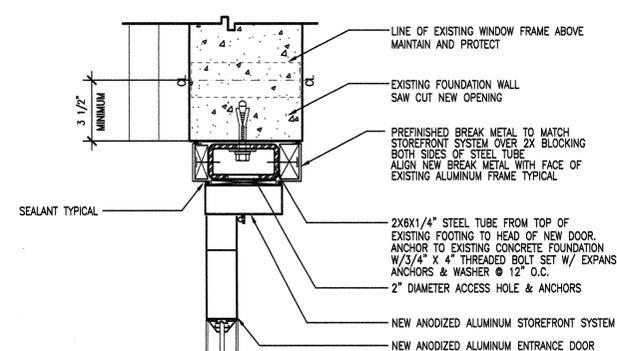
6 HEAD & JAMB @ NEW EXTERIOR DOOR IN EXISTING MASONRY WALL
SCALE: 3" = 1'-0"



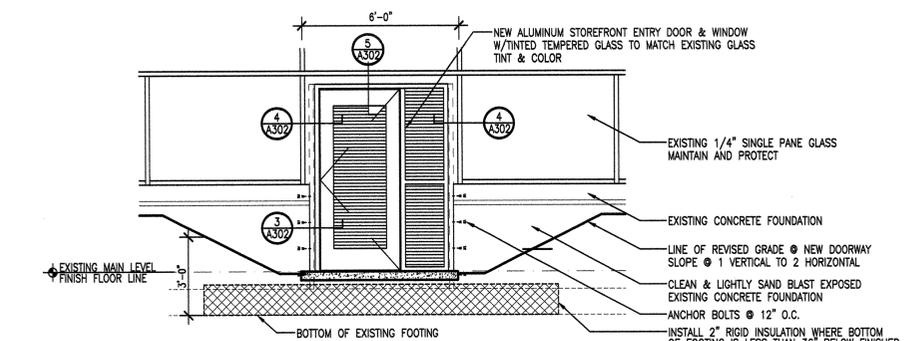
5 HEAD @ NEW EXTERIOR ALUMINUM ENTRANCE DOOR
SCALE: 3" = 1'-0"



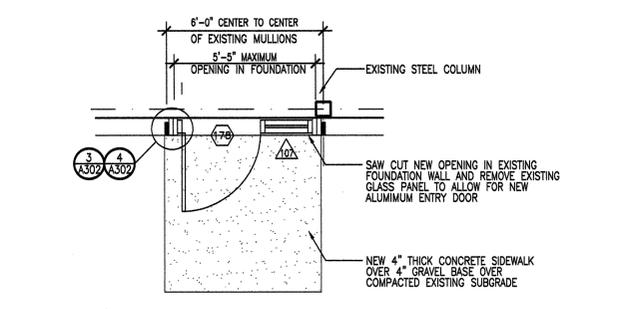
4 JAMB ABOVE WINDOW FRAME @ NEW EXTERIOR DOOR
SCALE: 3" = 1'-0"



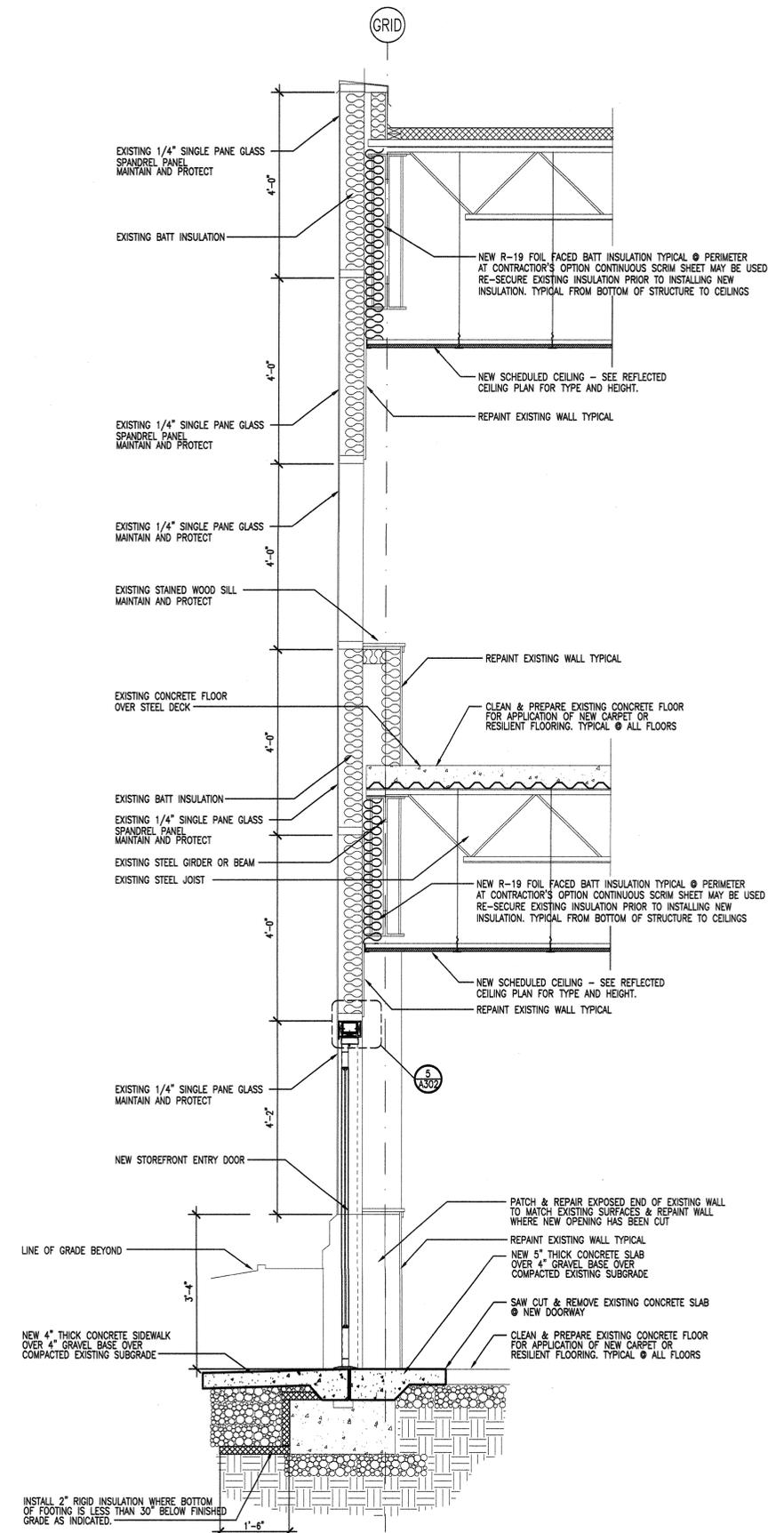
3 JAMB BELOW WINDOW FRAME @ NEW EXTERIOR DOOR
SCALE: 3" = 1'-0"



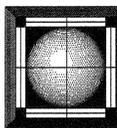
2 EXTERIOR ELEVATION @ NEW EXTERIOR DOOR
SCALE: 3/4" = 1'-0"



1 ENLARGED FLOOR PLAN @ NEW EXTERIOR DOOR
SCALE: 3/8" = 1'-0"



A WALL SECTION @ NEW EXIT DOOR
SCALE: 3/4" = 1'-0"



ENLARGED PLANS AND INTERIOR ELEVATIONS

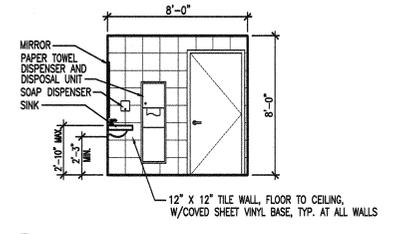
DEQ NORTH BUILDING REMODEL AND TENANT FINISH
168 NORTH 1950 WEST
SALT LAKE CITY, UTAH
FRANK N MURDOCK JR Architect & Associates
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STATE OF UTAH
FRANK N. MURDOCK, JR.
REGISTERED ARCHITECT

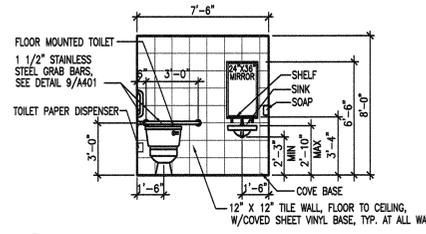
REVISION # DATE:

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CONST. DOC. FILE NAME: DEQ-401
PLOT SCALE: 1/8"
DRAWN BY: STAFF
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DATE: JUNE 2010

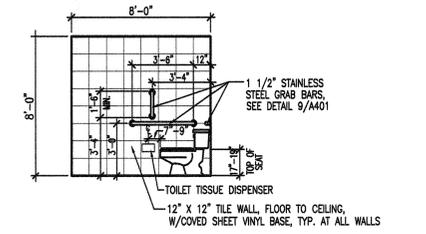
A 401



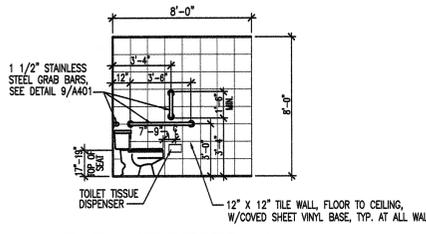
27 ELEV. AT RESTROOM H-240
SCALE: 1/4" = 1'-0"



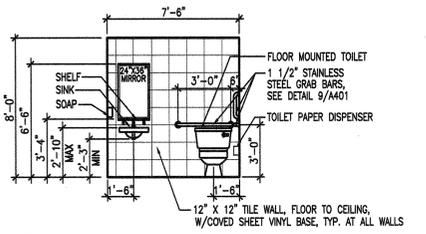
26 ELEV. AT RESTROOM H-240
SCALE: 1/4" = 1'-0"



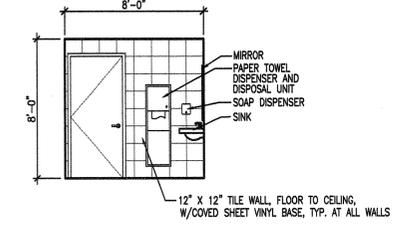
25 ELEV. AT RESTROOM H-240
SCALE: 1/4" = 1'-0"



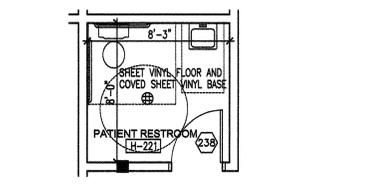
24 ELEV. AT RESTROOM H-239
SCALE: 1/4" = 1'-0"



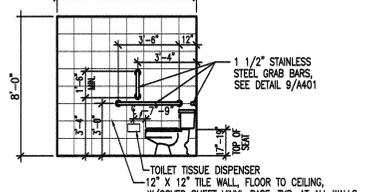
23 ELEV. AT RESTROOM H-239
SCALE: 1/4" = 1'-0"



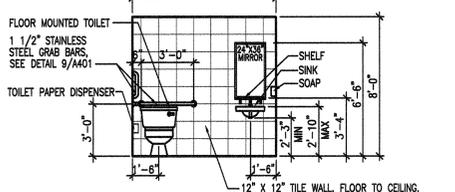
22 ELEV. AT RESTROOM H-239
SCALE: 1/4" = 1'-0"



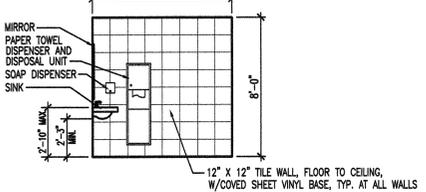
17 ENLARGED PLAN-RESTROOM H-221
SCALE: 1/4" = 1'-0"



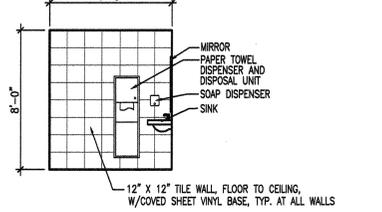
18 ELEV. AT RESTROOM H-221
SCALE: 1/4" = 1'-0"



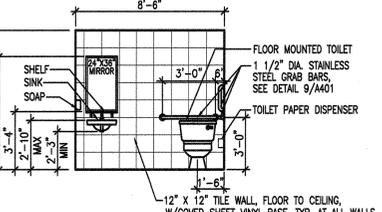
19 ELEV. AT RESTROOM H-221
SCALE: 1/4" = 1'-0"



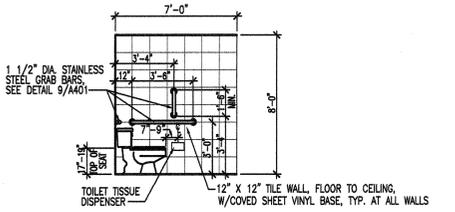
20 ELEV. AT RESTROOM H-221
SCALE: 1/4" = 1'-0"



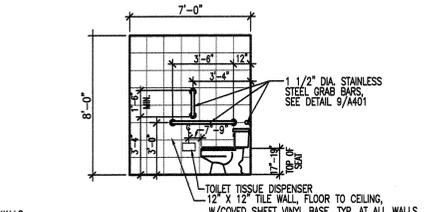
16 ELEV. AT RESTROOM H-207
SCALE: 1/4" = 1'-0"



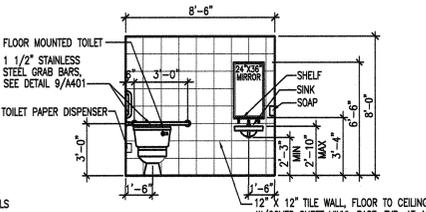
15 ELEV. AT RESTROOM H-207
SCALE: 1/4" = 1'-0"



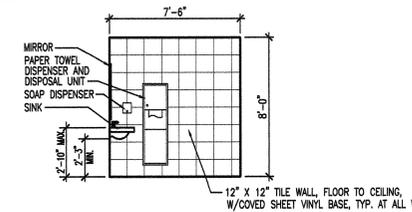
14 ELEV. AT RESTROOM H-207
SCALE: 1/4" = 1'-0"



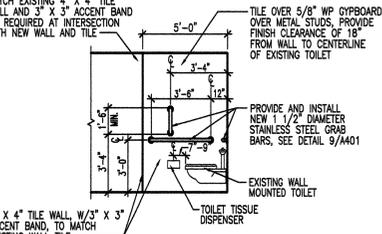
13 ELEV. AT RESTROOM H-206
SCALE: 1/4" = 1'-0"



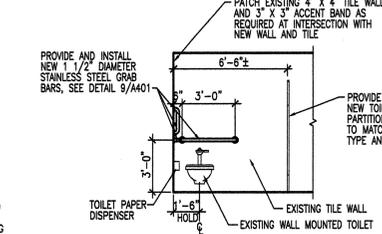
12 ELEV. AT RESTROOM H-206
SCALE: 1/4" = 1'-0"



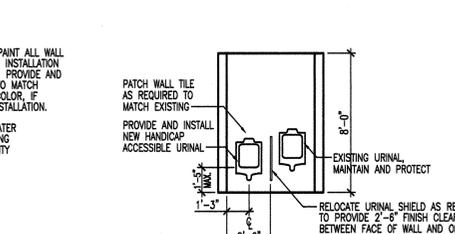
11 ELEV. AT RESTROOM H-206
SCALE: 1/4" = 1'-0"



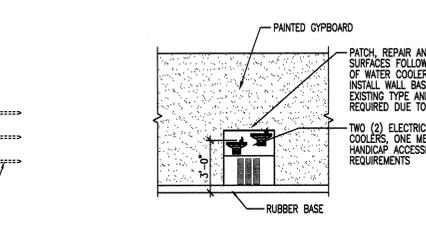
10 ENLARGED PLAN-RESTROOMS H-206 AND H-207
SCALE: 1/4" = 1'-0"



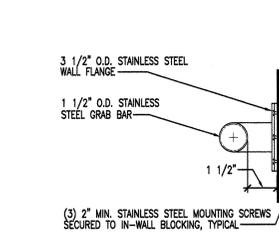
6 ELEV. AT MEN'S RESTROOM
SCALE: 1/4" = 1'-0"



7 ELEV. AT MEN'S RESTROOM
SCALE: 1/4" = 1'-0"



8 ELEV. AT WATER COOLERS
SCALE: 1/4" = 1'-0"



9 GRAB BAR DETAIL
SCALE: NONE

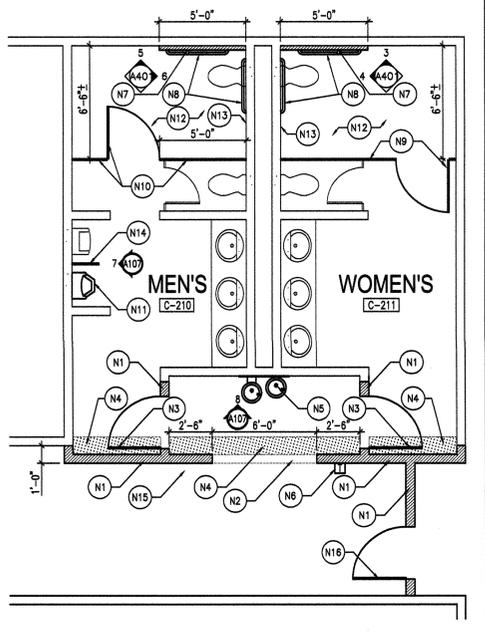
CONSTRUCTION - RESTROOMS C-210 AND C-211

CONSTRUCTION NOTES

- N1 PROVIDE AND INSTALL NEW 5/8" GYPBOARD WALL OVER METAL STUDS @ 16" O.C. PAINT WALLS ONE (1) COAT PRIMER, TWO COATS LATEX SEMI-GLOSS OR INSTALL 4" X 4" CERAMIC WALL TILE WITH 3" X 3" CERAMIC TILE ACCENT BAND TO MATCH EXISTING ADJACENT WALLS.
- N2 PROVIDE AND INSTALL NEW HEADER WITH 5/8" GYPBOARD WALL OVER METAL STUDS @ 16" O.C. PAINT WALLS ONE (1) COAT PRIMER, TWO COATS LATEX SEMI-GLOSS.
- N3 PROVIDE AND INSTALL NEW SOLID CORE "RED OAK" DOOR AND HOLLOW METAL DOOR FRAME. VARNISH DOOR AND PAINT DOOR FRAME. PROVIDE PUSH-PULL HARDWARE AND CLOSER ON DOOR. ALL DOOR HARDWARE SHALL MEET APPLICABLE HANDICAP STANDARDS.
- N4 PROVIDE AND INSTALL NEW 5/8" GYPBOARD CEILING OVER REQUIRED FRAMING. PAINT CEILING ONE (1) COAT PRIMER, TWO COATS LATEX SEMI-GLOSS, MATCH EXISTING COLOR.
- N5 PROVIDE AND INSTALL TWO (2) NEW ELECTRIC WATER COOLERS, WITH ONE MEETING HANDICAP ACCESSIBILITY STANDARDS (SEE 8/A401). PROVIDE ALL REQUIRED PLUMBING CONNECTIONS AND REPAIR AND PAINT GYPBOARD WALL AS PRESCRIBED FOR NEW WALLS. RETROFIT EXISTING ELECTRICAL SERVICE TO ACCOMMODATE THE REQUIREMENTS OF THE NEW WATER COOLERS.
- N6 RE-INSTALL THE THERMOSTAT REMOVED DURING DEMOLITION AND RE-CONNECT WIRING, ETC. AS REQUIRED.
- N7 PROVIDE AND INSTALL NEW 5/8" GYPBOARD WALL OVER METAL STUDS @ 16" O.C. PROVIDE AND INSTALL NEW 4" X 4" CERAMIC WALL TILE WITH 3" X 3" CERAMIC TILE ACCENT BAND ON ALL EXPOSED SIDES OF NEW WALL. ALIGN GROUT JOINTS AND ACCENT BAND HORIZONTALLY WITH THE EXISTING WALL TILES. MATCH COLORS AS CLOSELY AS POSSIBLE. REPAIR AND PAINT (IF REQUIRED) ALL ADJACENT PAINTED OR TILED SURFACES. INSTALL ALL TOILET ACCESSORIES REMOVED DURING DEMOLITION. REFER TO 3/A401, 4/A401, 5/A401 AND 6/A401 FOR MOUNTING HEIGHTS AND CLEARANCES.
- N8 PROVIDE AND INSTALL NEW 1 1/2" DIAMETER STAINLESS STEEL GRAB BARS (ONE 42" HORIZONTAL, ONE 36" HORIZONTAL AND ONE 18" VERTICAL PER HANDICAP STALL). REFER TO 3/A401, 4/A107, 5/A401, 6/A401 AND 9/A401 FOR MOUNTING HEIGHTS, CLEARANCES AND ANCHORING.
- N9 RE-INSTALL TOILET PARTITION AND DOOR, REMOVED DURING DEMOLITION, IN THE WOMEN'S RESTROOM. SECURELY ANCHOR TO WALLS, FLOOR AND ADJACENT PARTITION.
- N10 PROVIDE AND INSTALL NEW TOILET PARTITION AND DOOR IN THE MEN'S RESTROOM TO MATCH EXISTING PARTITION HEIGHT, STYLE AND COLOR AS CLOSELY AS POSSIBLE. SECURELY ANCHOR TO WALLS, FLOOR AND ADJACENT PARTITION.
- N11 PROVIDE AND INSTALL NEW URINAL TO MEET ALL ACCESSIBILITY STANDARDS. SEE 7/A107. PATCH AND REPAIR ALL SURFACES AFFECTED BY DEMOLITION AND THE INSTALLATION OF THE NEW URINAL. MAINTAIN AND PROTECT THE REMAINING URINAL AND ADJACENT SURFACES NOT AFFECTED BY DEMOLITION.
- N12 PATCH AND REPAIR TILE FLOOR AS REQUIRED DUE TO DEMOLITION OF PARTITIONS AND INSTALLATION OF NEW PARTITIONS.
- N13 PATCH AND REPAIR WALLS AND TILE SURFACES AFFECTED BY DEMOLITION OF PARTITIONS AND REMOVAL OF TOILETS. MATCH EXISTING TILE SIZES, COLORS AND PATTERNS.
- N14 RE-INSTALL THE URINAL SHIELD, REMOVED DURING DEMOLITION. PROVIDE MINIMUM 2'-6" CLEARANCE BETWEEN THE WALL ADJACENT TO THE HANDICAP URINAL AND THE OPPOSING FACE OF THE URINAL SHIELD. PATCH AND REPAIR WALLS AND TILE SURFACES AFFECTED BY REMOVAL OF THE URINAL SHIELD DURING DEMOLITION. MATCH EXISTING TILE SIZES, COLORS AND PATTERNS.
- N15 PATCH AND REPAIR THE LAY-IN CEILING GRID AND ACOUSTICAL CEILING TILES ADJACENT TO THE NEW WALLS. PROVIDE AND INSTALL NEW GRID SECTIONS AND CEILING TILES WHERE REQUIRED.
- N16 PROVIDE AND INSTALL NEW SOLID CORE "RED OAK" DOOR AND HOLLOW METAL DOOR FRAME. VARNISH DOOR AND PAINT DOOR FRAME. PROVIDE OWNER-SPECIFIED HARDWARE AND CLOSER ON DOOR. ALL DOOR HARDWARE SHALL MEET APPLICABLE HANDICAP STANDARDS.

LEGEND

--- (dashed line)	MISCELLANEOUS DEMOLITION
▨ (diagonal hatching)	CEILING DEMOLITION AND REMOVAL
▩ (cross-hatching)	WALL DEMOLITION AND REMOVAL
▧ (diagonal hatching)	NEW 5/8" GYPBOARD WALL OVER METAL STUD FRAMING, PAINTED OR WALL TILE. REFER TO CONSTRUCTION NOTES
▦ (diagonal hatching)	NEW PAINTED GYPBOARD CEILING OVER REQUIRED FRAMING

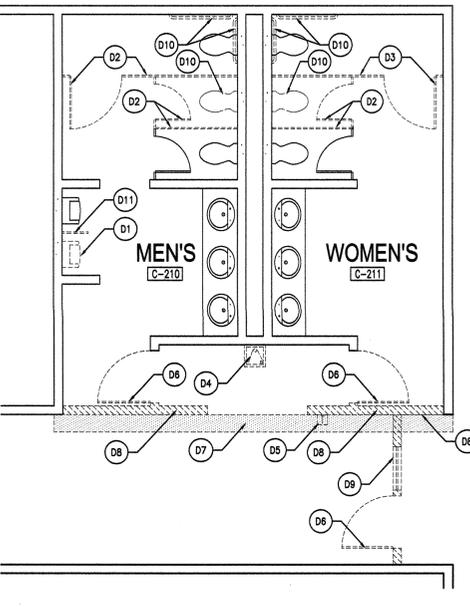


2 RESTROOMS-NEW FLOOR PLAN
SCALE: 1/4" = 1'-0"

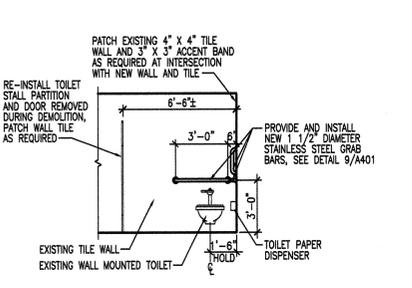
DEMOLITION - RESTROOMS C-210 AND C-211

DEMOLITION NOTES

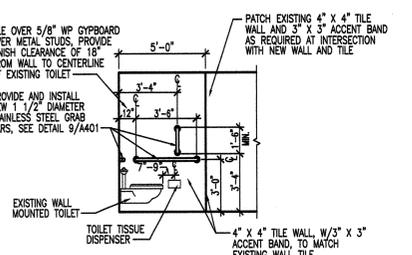
- D1 REMOVE AND DISPOSE OF EXISTING URINAL. REMOVE EXISTING WALL TILE TO PROVIDE STRAIGHT GROUT LINES AND FULL TILES BOTH VERTICALLY AND HORIZONTALLY FOR INSTALLATION OF NEW URINAL. MAINTAIN AND PROTECT THE REMAINING URINAL AND ADJACENT SURFACES NOT AFFECTED BY DEMOLITION.
- D2 REMOVE AND DISPOSE OF EXISTING TOILET PARTITIONS AND DOORS. MAINTAIN AND PROTECT THE REMAINING PARTITIONS AND DOORS.
- D3 REMOVE EXISTING TOILET PARTITION AND DOOR. MAINTAIN AND PROTECT THE PARTITION AND DOOR FOR RE-INSTALLATION DURING CONSTRUCTION.
- D4 REMOVE AND DELIVER TO OWNER THE EXISTING ELECTRIC WATER COOLER.
- D5 DISCONNECT EXISTING THERMOSTAT AND RETAIN FOR RE-INSTALLATION DURING CONSTRUCTION.
- D6 REMOVE AND DISPOSE OF EXISTING DOOR AND FRAME. PROTECT AND MAINTAIN EXISTING ADJACENT WALLS AND ELECTRICAL DEVICES.
- D7 REMOVE AND DISPOSE OF EXISTING CEILING TILE AND GRID (SHOWN HATCHED), PROVIDING ADEQUATE AREA FOR INSTALLATION OF NEW WALLS AND GYPBOARD CEILING. PROTECT AND MAINTAIN EXISTING ADJACENT SURFACES.
- D8 REMOVE AND DISPOSE OF EXISTING WALLS. NOTIFY ARCHITECT OF ANY HIDDEN ELECTRICAL, HVAC OR PLUMBING FEATURES LOCATED IN WALLS TO BE DEMOLISHED. PROTECT AND MAINTAIN EXISTING ADJACENT SURFACES.
- D9 REMOVE AND DISPOSE OF EXISTING WALL, DOOR, FRAME AND GLASS Sidelight. NOTIFY ARCHITECT OF ANY HIDDEN ELECTRICAL, HVAC OR PLUMBING FEATURES LOCATED IN WALL TO BE DEMOLISHED. PROTECT AND MAINTAIN EXISTING ADJACENT SURFACES.
- D10 REMOVE AND DISPOSE OF EXISTING WALL MOUNTED TOILET. TERMINATE ALL WATER LINES AND ATTACHMENTS INSIDE THE STUD WALL. REMOVE EXISTING WALL TILE TO PROVIDE STRAIGHT GROUT LINES AND FULL TILES BOTH VERTICALLY AND HORIZONTALLY FOR INSTALLATION OF NEW TILE. PROTECT AND MAINTAIN EXISTING ADJACENT SURFACES.
- D11 REMOVE AND RETAIN EXISTING URINAL SHIELD FOR RE-INSTALLATION DURING CONSTRUCTION. REMOVE EXISTING WALL TILE TO PROVIDE STRAIGHT GROUT LINES AND FULL TILES BOTH VERTICALLY AND HORIZONTALLY FOR RE-INSTALLATION OF URINAL SHIELD AND INSTALLATION OF NEW TILE. PROTECT AND MAINTAIN EXISTING ADJACENT SURFACES.



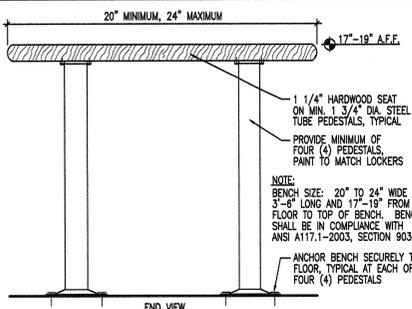
1 RESTROOMS-DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



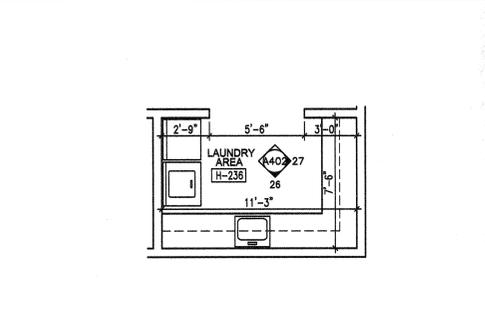
4 ELEV. AT WOMEN'S RESTROOM
SCALE: 1/4" = 1'-0"



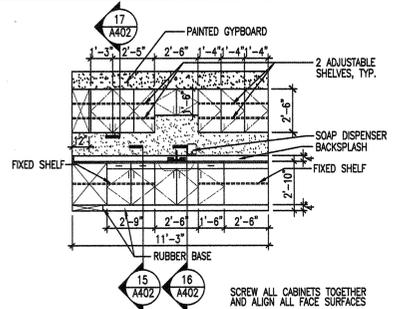
3 ELEV. AT WOMEN'S RESTROOM
SCALE: 1/4" = 1'-0"



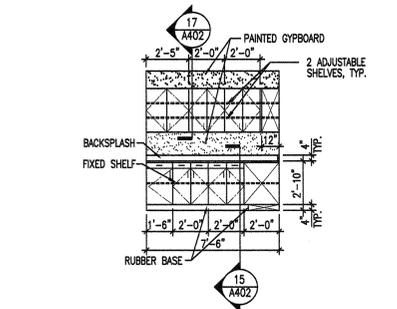
24 BENCH AT LOCKER AREA
A402 SCALE: NONE



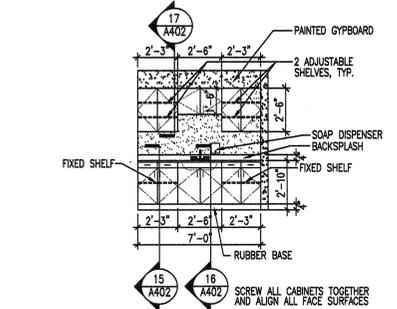
25 ENLARGED PLAN-LAUNDRY AREA H-236
A402 SCALE: 1/4" = 1'-0"



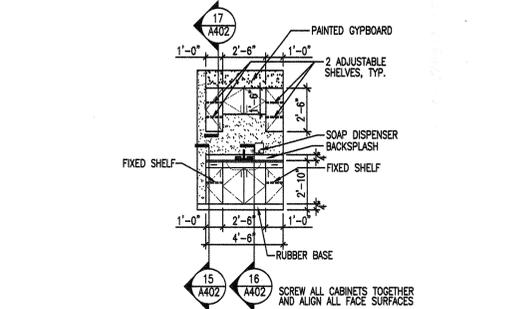
26 ELEV. AT LAUNDRY AREA H-236
A402 SCALE: 1/4" = 1'-0"



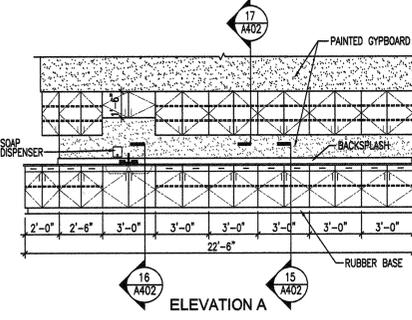
27 ELEV. AT LAUNDRY AREA H-236
A402 SCALE: 1/4" = 1'-0"



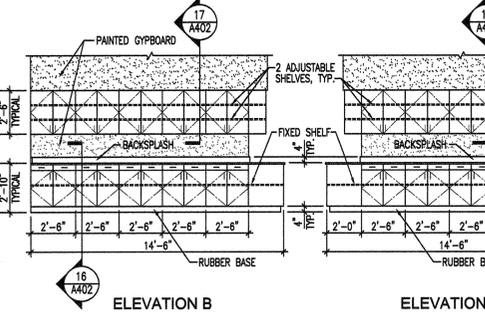
28 ELEV. NEAR GRID 2/HALLWAY H-261
A402 SCALE: 1/4" = 1'-0"



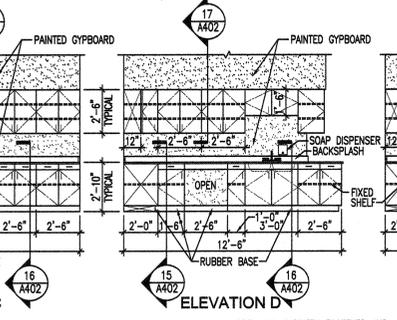
29 ELEV. HALLWAY H-262 NEAR GRID C
A402 SCALE: 1/4" = 1'-0"



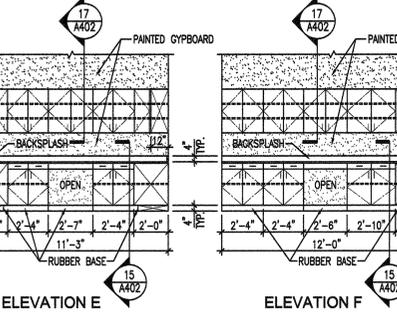
23 ELEVATIONS AT STERILIZATION AREA H-252
A402 SCALE: 1/4" = 1'-0"



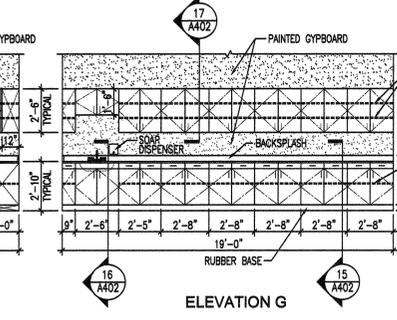
23 ELEVATIONS AT STERILIZATION AREA H-252
A402 SCALE: 1/4" = 1'-0"



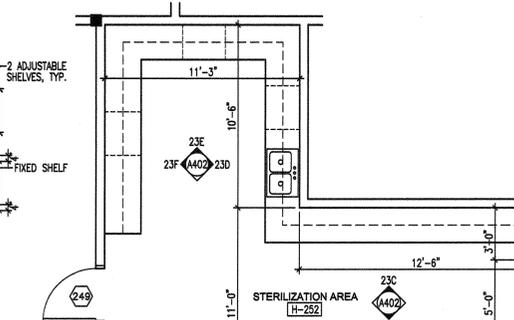
23 ELEVATIONS AT STERILIZATION AREA H-252
A402 SCALE: 1/4" = 1'-0"



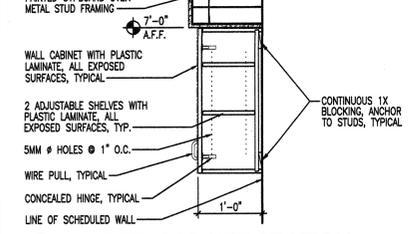
23 ELEVATIONS AT STERILIZATION AREA H-252
A402 SCALE: 1/4" = 1'-0"



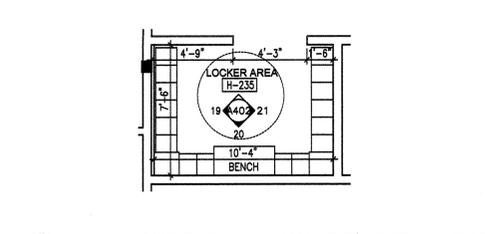
23 ELEVATIONS AT STERILIZATION AREA H-252
A402 SCALE: 1/4" = 1'-0"



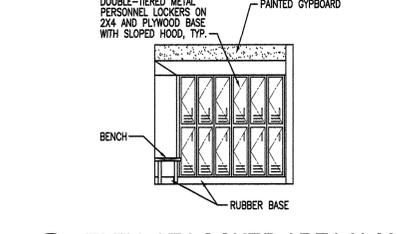
23 ELEVATIONS AT STERILIZATION AREA H-252
A402 SCALE: 1/4" = 1'-0"



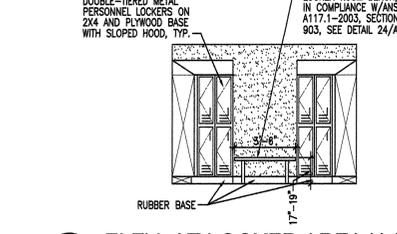
17 UPPER CABINET SECTION
A402 SCALE: NONE



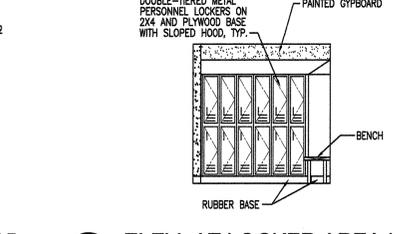
18 ENLARGED PLAN-LOCKER AREA H-235
A402 SCALE: 1/4" = 1'-0"



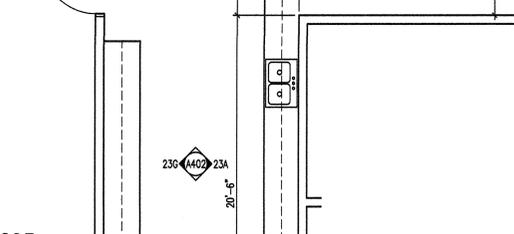
19 ELEV. AT LOCKER AREA H-235
A402 SCALE: 1/4" = 1'-0"



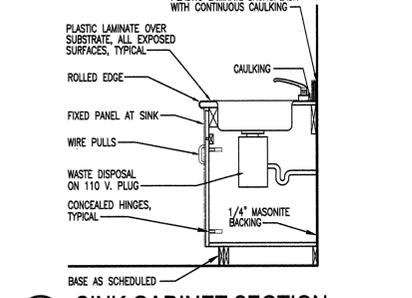
20 ELEV. AT LOCKER AREA H-235
A402 SCALE: 1/4" = 1'-0"



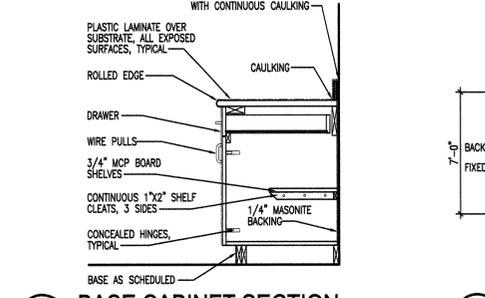
21 ELEV. AT LOCKER AREA H-235
A402 SCALE: 1/4" = 1'-0"



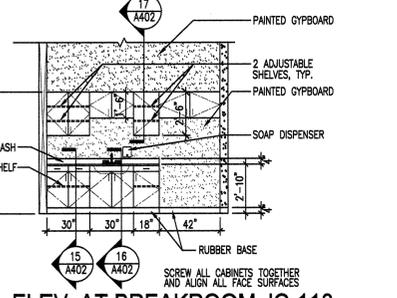
22 ENLARGED PLAN-STERILIZATION AREA H-252
A402 SCALE: 1/4" = 1'-0"



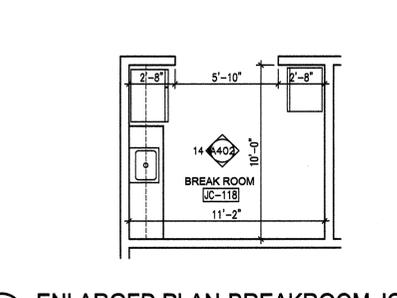
16 SINK CABINET SECTION
A402 SCALE: NONE



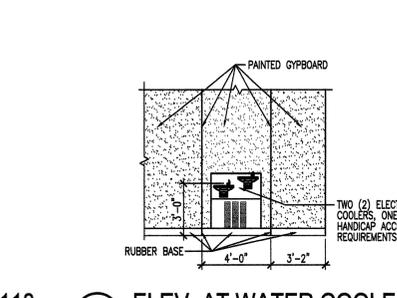
15 BASE CABINET SECTION
A402 SCALE: NONE



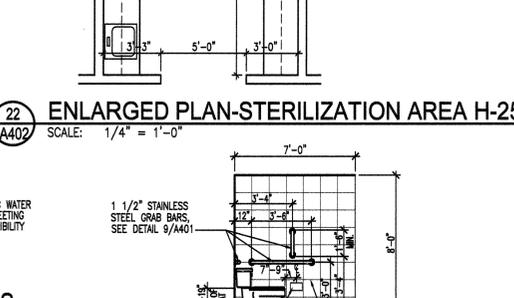
14 ELEV. AT BREAKROOM JC-118
A402 SCALE: 1/4" = 1'-0"



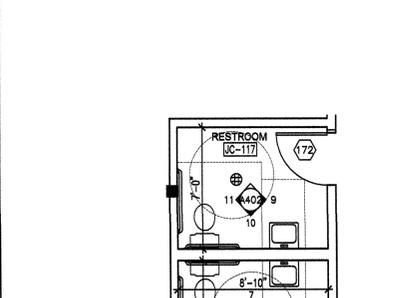
13 ENLARGED PLAN-BREAKROOM JC-118
A402 SCALE: 1/4" = 1'-0"



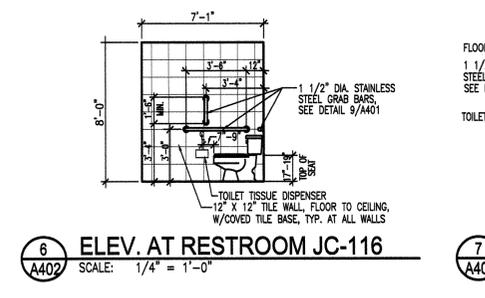
12 ELEV. AT WATER COOLERS
A402 SCALE: 1/4" = 1'-0"



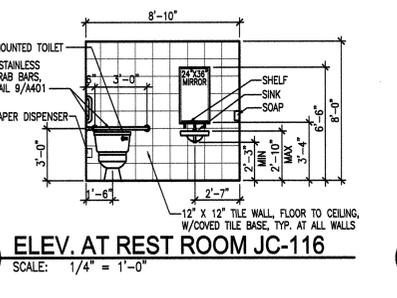
11 ELEV. AT RESTROOM JC-117
A402 SCALE: 1/4" = 1'-0"



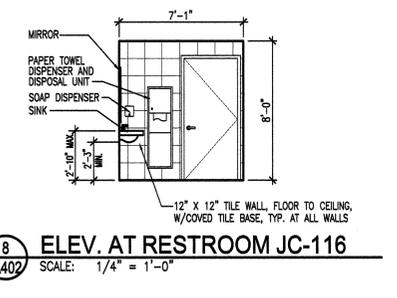
6 ELEV. AT RESTROOM JC-116
A402 SCALE: 1/4" = 1'-0"



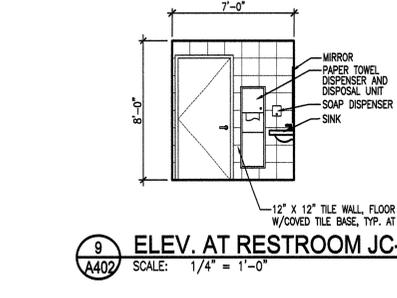
7 ELEV. AT REST ROOM JC-116
A402 SCALE: 1/4" = 1'-0"



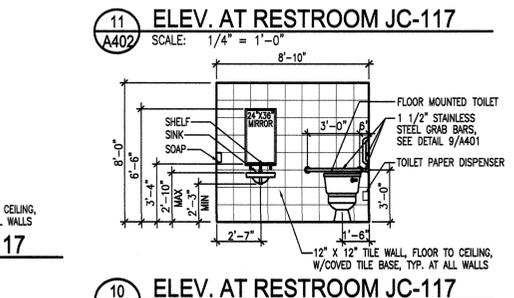
8 ELEV. AT RESTROOM JC-116
A402 SCALE: 1/4" = 1'-0"



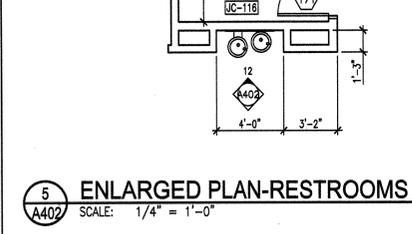
9 ELEV. AT RESTROOM JC-117
A402 SCALE: 1/4" = 1'-0"



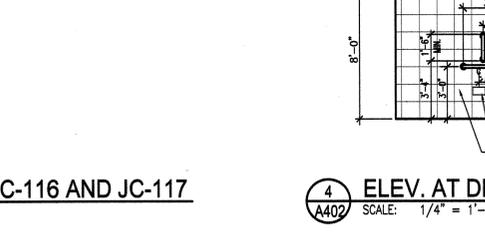
10 ELEV. AT RESTROOM JC-117
A402 SCALE: 1/4" = 1'-0"



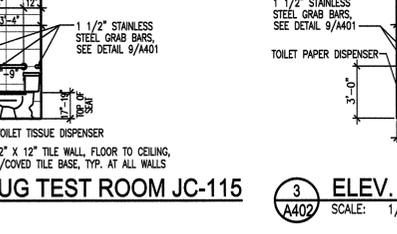
5 ENLARGED PLAN-RESTROOMS JC-116 AND JC-117
A402 SCALE: 1/4" = 1'-0"



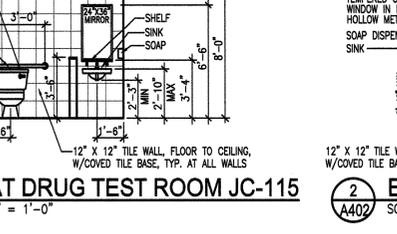
4 ELEV. AT DRUG TEST ROOM JC-115
A402 SCALE: 1/4" = 1'-0"



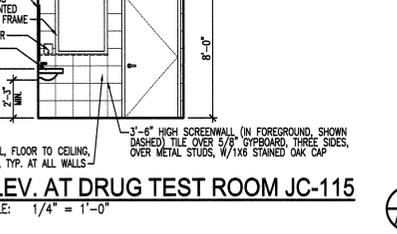
3 ELEV. AT DRUG TEST ROOM JC-115
A402 SCALE: 1/4" = 1'-0"



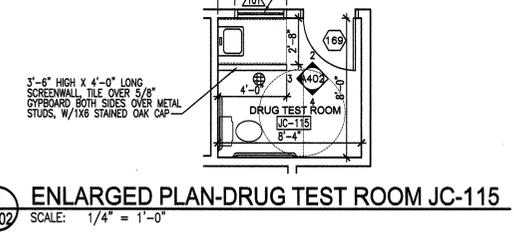
2 ELEV. AT DRUG TEST ROOM JC-115
A402 SCALE: 1/4" = 1'-0"



1 ENLARGED PLAN-DRUG TEST ROOM JC-115
A402 SCALE: 1/4" = 1'-0"



1 ENLARGED PLAN-DRUG TEST ROOM JC-115
A402 SCALE: 1/4" = 1'-0"



1 ENLARGED PLAN-DRUG TEST ROOM JC-115
A402 SCALE: 1/4" = 1'-0"

DOOR SCHEDULE - MAIN LEVEL																	
NO.	DOOR SIZE			DOOR TYPE	DOOR MAT.	DOOR FINISH	OPENING DETAILS				FRAME TYPE	FRAME MAT.	FRAME FINISH	RATING	HRDW. GROUP	REMARKS	NO.
	WIDTH	HEIGHT	THICK.				HEAD	LEFT JAMB	RIGHT JAMB	SILL THRESH.							
101	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	101
102	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	102
103	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	6	---	103
104	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	6	---	104
105	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	105
106	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	106
107	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	107
108	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	7/A601	---	W-1	H.M.	PAINTED	NONE	6	---	108
109	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	109
110	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	5/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	4	---	110
111	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 1.	111
112	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 1.	112
113	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 1.	113
114	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 2.	114
115	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 2.	115
116	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 2.	116
117	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 2.	117
118	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 1.	118
119	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 1.	119
120	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 1.	120
121	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	121
122	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	2/A601	---	W-1	H.M.	PAINTED	NONE	4	INTEGRAL DOOR AND WINDOW FRAME	122
123	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	4	NOTE 1.	123
124	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	4	NOTE 1.	124
125	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	4	NOTE 1.	125
126	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	6	NOTE 1.	126
127	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	127
128	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 1.	128
129	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	129
130	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	6	---	130
131	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	131
132	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	5/A601	---	W-1	H.M.	PAINTED	NONE	1	---	132
133	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	133
134	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	4	---	134
135	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	5/A601	---	W-1	H.M.	PAINTED	NONE	1	---	135
136	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	136
137	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	4	---	137
138	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	138
139	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	1	---	139
140	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	140
141	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	141
142	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	142
143	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	5/A601	---	W-1	H.M.	PAINTED	NONE	1	---	143
144	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	144
145	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	5/A601	---	W-1	H.M.	PAINTED	NONE	1	---	145
146	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	1	---	146
147	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	5/A601	---	W-1	H.M.	PAINTED	NONE	6	---	147
148	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	148
149	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	149
150	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	1	---	150
151	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	1	---	151
152	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	5/A601	---	W-1	H.M.	PAINTED	NONE	1	---	152
153	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	153
154	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	6	---	154
155	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	4	---	155
156	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	156
157	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	4	---	157
158	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	6	---	158
159	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	5/A601	---	W-1	H.M.	PAINTED	NONE	6	---	159
160	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	160
161	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	5/A601	---	W-1	H.M.	PAINTED	NONE	6	---	161
162	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	162
163	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	5/A601	---	W-1	H.M.	PAINTED	NONE	6	---	163
164	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	164
165	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	5/A601	---	W-1	H.M.	PAINTED	NONE	6	---	165
166	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	5/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	166
167	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	167
168	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	4	---	168
169	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	169
170	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	170
171	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	3	---	171
172	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	3	---	172
173	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	173
174	PR. 3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	EXISTING	NOTE 1.	174
175	PR. 3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	4	---	175
176	PR. 3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	EXISTING	---	NONE	4	---	176
177	3'-0"	7'-0"	1 3/4"	D-3	ALUM.	BY MANUF.	6/302	6/302	6/302	6/601	W-1	ALUM.	BY MANUF.	NONE	4	ALUMINUM STOREFRONT DOOR	177
178	3'-0"	7'-0"	1 3/4"	D-3	ALUM.	BY MANUF.	5/302	384/302	384/302	A/302	W-1	ALUM.	BY MANUF.	NONE	4	ALUM. STOREFRONT DOOR/WINDOW SYSTEM	178
179	3'-0"	7'-0"	1 3/4"	D-3	ALUM.	BY MANUF.	6/302	6/302	6/302	6/601	W-1	ALUM.	BY MANUF.	NONE	4	ALUMINUM STOREFRONT DOOR	179
180	3'-0"	7'-0"	1 3/4"	D-3	ALUM.	BY MANUF.	6/302	6/302	6/302	6/601	W-1	ALUM.	BY MANUF.	NONE	4	ALUMINUM STOREFRONT DOOR	180

GLASS TYPES

1/4" CLEAR FLOAT TEMPERED GLASS
1/4" TINTED TEMPERED FLOAT GLASS
FIRE RATED WIRE GLASS

GENERAL GLASS NOTE: PROVIDE FIRE RATED WIRE GLASS AT ALL LOCATIONS WHERE GLASS IS CALLED FOR IN RATED WALLS.

DOOR AND WINDOW NOTES

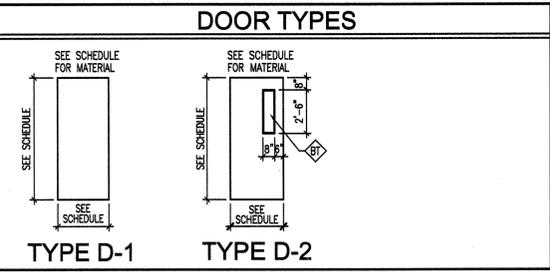
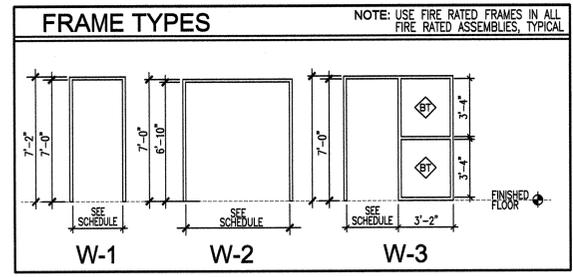
- IF EXISTING DOOR FRAME IS FACTORY FINISH, MAINTAIN AND PROTECT THE FRAME. IF THE FRAME IS HOLLOW METAL, PROPERLY PREPARE AND RE-PAINT THE FRAME TO MATCH ADJACENT PAINTED WALLS.
- NO PAINTING OR REFINISHING OF EXISTING FRAME IS REQUIRED.

WINDOW SCHEDULE - MAIN LEVEL														
NO.	WINDOW SIZE			FRAME MATERIAL	FRAME TYPE	GLASS TYPE	FRAME FINISH	OPENING DETAILS				REMARKS		
	WIDTH	HEIGHT	THICK.					HEAD	LEFT JAMB	RIGHT JAMB	SILL			
101	3'-0"	3'-6"	3/8"	HOL. MTL.	W-3	BT	PAINTED	11/A601	11/A601	11/A601	11/A601	---	---	
102	2'-9"	3'-6"	3/8"	HOL. MTL.	W-4	BT	PAINTED	11/A601	11/A601	11/A601	11/A601	---	---	
103	2'-9"	3'-6"	3/8"	HOL. MTL.	W-4	BT	PAINTED	11/A601	11/A601	11/A601	11/A601	---	---	
104	4'-0"	7'-2"	3/8"	HOL. MTL.	W-5	BT	PAINTED	11/A601	2/A601	3/A601				

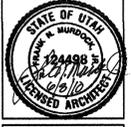
DOOR SCHEDULE - UPPER LEVEL																	
NO.	DOOR SIZE			DOOR TYPE	DOOR MAT.	DOOR FINISH	OPENING DETAILS				FRAME TYPE	FRAME MAT.	FRAME FINISH	RATING	HRDW. GROUP	REMARKS	NO.
	WIDTH	HEIGHT	THICK.				HEAD	LEFT JAMB	RIGHT JAMB	SILL THRESH.							
201	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	201
202	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	202
203	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	203
204	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	204
205	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	205
206	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	206
207	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	207
208	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	208
209	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	209
210	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	210
211	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	4	---	211
212	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	10/A601	1/A601	1/A601	---	---	---	---	---	---	---	212
213	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	10/A601	1/A601	1/A601	---	---	---	---	---	---	---	213
214	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	214
215	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	1	---	215
216	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	4	---	216
217	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	217
218	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	2	---	218
219	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	219
220	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	4	---	220
221	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	3	---	221
222	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	3	---	222
223	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	223
224	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	224
225	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	225
226	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	7/A601	---	W-1	H.M.	PAINTED	NONE	1	---	226
227	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	227
228	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	228
229	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	7/A601	---	W-1	H.M.	PAINTED	NONE	1	---	229
230	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	230
231	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	231
232	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	4	---	232
233	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	7/A601	---	W-1	H.M.	PAINTED	NONE	1	---	233
234	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	234
235	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	235
236	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	236
237	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	1	---	237
238	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	3	---	238
239	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	7/A601	---	W-1	H.M.	PAINTED	NONE	6	---	239
240	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	7/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	6	---	240
241	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	241
242	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	7/A601	---	W-1	H.M.	PAINTED	NONE	6	---	242
243	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	243
244	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	244
245	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	4	---	245
246	PR. 3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	8/A601	9/A601	9/A601	---	BY MANUF.	WOOD	PAINTED	NONE	5	---	246
247	PR. 3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	8/A601	9/A601	9/A601	---	BY MANUF.	WOOD	PAINTED	NONE	5	---	247
248	3'-0"	7'-0"	1 3/4"	D-2	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	248
249	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	7/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	249
250	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	250
251	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	6	---	251
252	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	7/A601	---	W-1	H.M.	PAINTED	NONE	6	---	252
253	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	253
254	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	1	---	254
255	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	3	---	255
256	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	4/A601	1/A601	---	W-1	H.M.	PAINTED	NONE	3	---	256
257	3'-0"	7'-0"	1 3/4"	D-1	WOOD	STAINED	10/A601	1/A601	4/A601	---	W-1	H.M.	PAINTED	NONE	4	---	257
258	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	258
259	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	259
260	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	260
261	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	261
262	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	262
263	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	263
264	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	264
265	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	265
266	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	266
267	3'-0"	7'-0"	1 3/4"	EXISTING	---	---	---	---	---	---	---	---	---	---	---	---	267

GLASS TYPES			
	1/4" CLEAR FLOAT TEMPERED GLASS		1/4" TINTED TEMPERED FLOAT GLASS
	FIRE RATED WIRE GLASS		
GENERAL GLASS NOTE: PROVIDE FIRE RATED WIRE GLASS AT ALL LOCATIONS WHERE GLASS IS CALLED FOR IN RATED WALLS.			
DOOR AND WINDOW NOTES			
1. IF EXISTING DOOR FRAME IS FACTORY FINISH, MAINTAIN AND PROTECT THE FRAME. IF THE FRAME IS HOLLOW METAL, PROPERLY PREPARE AND RE-PAIN THE FRAME TO MATCH ADJACENT PAINTED WALLS.			
2. NO PAINTING OR REFINISHING OF EXISTING FRAME IS REQUIRED.			
3. EXISTING DOOR AND FRAME ARE TO BE REMOVED DURING DEMOLITION IN THIS AREA (REFER TO 1/A601 AND 2/A601). STORE AND PROTECT THE DOOR, FRAME AND HARDWARE DURING CONSTRUCTION OF NEW WALLS. RE-INSTALL THE DOOR AND FRAME IN THE NEW WALL AND RE-INSTALL THE EXISTING HARDWARE.			

WINDOW SCHEDULE - UPPER LEVEL											
NO.	WINDOW SIZE		FRAME MATERIAL	FRAME TYPE	GLASS TYPE	FRAME FINISH	OPENING DETAILS				REMARKS
	WIDTH	HEIGHT					HEAD	LEFT JAMB	RIGHT JAMB	SILL	
201	3'-2"	7'-2"	HOL. MTL.	W-3	BT	PAINTED	11/A601	2/A601	2/A601	3/A601	INTEGRAL WITH DOOR FRAME
202	3'-2"	7'-2"	HOL. MTL.	W-3	BT	PAINTED	11/A601	2/A601	2/A601	3/A601	INTEGRAL WITH DOOR FRAME



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ROOM FINISH SCHEDULE - MAIN LEVEL

NOTES

1. NO NEW PAINTING OR NEW FINISHES REQUIRED.
2. PAINT ALL EXISTING EXPOSED GYPBOARD.
3. PROPERLY PREPARE SURFACES OF EXISTING PIPE HANDRAILS AND SUPPORTING STRUCTURES AND REPAINT.
4. PROVIDE AND INSTALL NEW CARPET ON TREADS AND NOSINGS OF EXISTING STAIRS.

ROOM NUMBER <small>(0-000)</small>	ROOM NAME	FLOOR	WALLS AND BASES								CEILING		REMARKS
			NORTH		EAST		SOUTH		WEST		TYPE	HEIGHT	
			WALL	BASE	WALL	BASE	WALL	BASE	WALL	BASE			
BUILDING AND GROUNDS													
9C-101	OFFICE	NEW CARPET	EXISTING PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
9C-102	BUILDING & GROUNDS	NEW CARPET	EXISTING PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
UNCLAIMED PROPERTY													
UP-101	STORAGE ROOM	NEW CARPET	EXISTING PAINTED	NEW RUBBER	EXISTING PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-102	OFFICE #1	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-103	COPY	NEW CARPET	EXISTING PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-104	OFFICE #2	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-105	OFFICE #3	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-106	SECURE PROPERTY ROOM	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-107	OFFICE #4	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-108	OFFICE #5	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-109	COPY ROOM	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
UP-110	CONFERENCE ROOM	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-111	OFFICE #6	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-112	WAITING ROOM	NEW CARPET	EXISTING AND NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-113	OFFICE #7	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-114	CONFERENCE ROOM	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-115	OFFICE #8	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-116	OFFICE #9	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-117	FILE ROOM	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-118	OFFICE #10	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-119	OFFICE #11	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-120	OFFICE #12	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-121	MANAGER'S OFFICE #13	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-122	STAFF OFFICE #14	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-123	CONFERENCE ROOM	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-124	FILE CABINETS	NEW CARPET	EXISTING AND NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
UP-125	HALLWAY	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
PUBLIC SERVICE COMMISSION													
PS-101	HALLWAY	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
PS-102	STORAGE	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
PS-103	WORK ROOM	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
PS-104	OFFICE	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
PS-105	OFFICE	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JUVENILE COURTS													
JC-101	SUPERVISOR'S OFFICE #2	NEW CARPET	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-102	FIELD PROBATION OFFICE #11	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-103	FIELD PROBATION OFFICE #12	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-104	FIELD PROBATION OFFICE #13	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-105	FIELD PROBATION OFFICE #14	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-106	FIELD PROBATION OFFICE #15	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	EXISTING WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-107	FIELD PROBATION OFFICE #16	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-108	FIELD PROBATION OFFICE #5	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-109	FIELD PROBATION OFFICE #4	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-110	FIELD PROBATION OFFICE #3	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-111	FIELD PROBATION OFFICE #2	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-112	FIELD PROBATION OFFICE #1	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-113	SUPERVISOR'S OFFICE #1	NEW CARPET	EXISTING AND NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-114	WAITING AREA	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-115	DRUG TEST ROOM	NEW CERAMIC TILE	NEW WALL TILED	NEW TILE	NEW WALL TILED	NEW TILE	NEW WALL TILED	NEW TILE	NEW WALL TILED	NEW TILE	PAINTED GYPBOARD	8'-0"	---
JC-116	RESTROOM	NEW CERAMIC TILE	NEW WALL TILED	NEW TILE	NEW WALL TILED	NEW TILE	NEW WALL TILED	NEW TILE	NEW WALL TILED	NEW TILE	PAINTED GYPBOARD	8'-0"	---
JC-117	RESTROOM	NEW CERAMIC TILE	NEW WALL TILED	NEW TILE	NEW WALL TILED	NEW TILE	NEW WALL TILED	NEW TILE	NEW WALL TILED	NEW TILE	PAINTED GYPBOARD	8'-0"	---
JC-118	BREAK ROOM	NEW VCT	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-119	FIELD PROBATION OFFICE #10	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-120	CLASSROOM/CONFERENCE ROOM	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	EXISTING AND NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-121	FIELD PROBATION OFFICE #6	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
JC-122	FIELD PROBATION OFFICE #7	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-123	FIELD PROBATION OFFICE #8	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-124	FIELD PROBATION OFFICE #9	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-125	WORK STATIONS	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-126	CONFERENCE ROOM	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-127	HALLWAY	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-128	HALLWAY	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-129	HALLWAY	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
JC-130	SUPPLY ROOM	NEW CARPET	EXISTING WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---
CIRCULATION AND COMMON AREAS													
C-101	CORRIDOR	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
C-102	CORRIDOR	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
C-103	LOBBY	NEW ENTRY MAT	EXISTING WALL PAINTED	NEW RUBBER	EXISTING	VARIABLE	NOTES 3. AND 4.						
C-104	CORRIDOR	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
C-105	CORRIDOR	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 1.
C-106	ELECTRICAL ROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 1.
C-107	JANITOR'S ROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 1.
C-108	ELECTRICAL ROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 1.
C-109	---	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 1.
C-110	MEN'S RESTROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 2.
C-111	WOMEN'S RESTROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 2.
C-112	COMPUTER ROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 1.
C-113	BREAK ROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 1.
C-114	CONFERENCE ROOM	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
C-115	CHAIR & TABLE STORAGE	NEW CARPET	NEW WALL PAINTED	NEW RUBBER	LAY-IN	9'-0"	---						
C-116	STARWAY	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 1.
C-117	STARWAY	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	NOTE 1.

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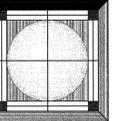
ROOM FINISH SCHEDULE - MAIN LEVEL



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MECHANICAL LEGEND											
SYMBOL	ABR.	DESCRIPTION	SYMBOL	ABR.	DESCRIPTION	SYMBOL	ABR.	DESCRIPTION	SYMBOL	ABR.	DESCRIPTION
GENERAL TERMINOLOGY			AIR SIDE			WET SIDE			WET SIDE CONT		
	A	SECTION LETTER DESIGNATION			EXISTING AIR DUCT TO BE REMOVED			PUMP			PITCH DOWN
		SECTION DRAWN ON THIS SHEET			EXISTING AIR DUCT TO REMAIN			REGULATOR			ELBOW UP
	A2	DETAIL NUMBER DESIGNATION CORRESPONDING WITH GRID LOCATION			NEW AIR DUCT			UNION			ELBOW DOWN
	1	MECHANICAL EQUIPMENT DESIGNATION			NEW SPIRAL DUCT			MANUAL ACTUATOR (BALL, BUTTERFLY, NEEDLE, ETC. VALVES)			TEE UP
	AH	EQUIPMENT ITEM DESIGNATION			NEW MEDIUM PRESSURE DUCT			MANUAL ACTUATOR (GATE, GLOBE, S&D, OS&Y, ETC. VALVES)			TEE DOWN
	CFM D-1	REGISTER, GRILL OR DIFFUSER DESIGNATION WITH BALANCING CFM LISTED BELOW			RECT. TO RECT. AIR DUCT TAKE-OFF			MANUAL ACTUATOR (GATE, GLOBE, S&D, OS&Y, ETC. VALVES)			EXISTING PIPING TO BE REMOVED
	R-1	GRILLE, OR LOUVER DESIGNATION WHERE BALANCING NOT REQUIRED			RECT. TO RND. AIR DUCT TAKE-OFF			PNEUMATIC DIAPHRAGM ACTUATOR			EXISTING PIPING TO REMAIN
		REVISION DESIGNATOR AND NUMBER			RND. TO RND. AIR DUCT TAKE-OFF			ELECTRIC MOTOR ACTUATOR			NEW PIPING
		KEY NOTE DESIGNATOR AND NUMBER			RECT. TAKE-OFF AT END OF MAIN			SOLENOID ACTUATOR			PIPE CAP OR PLUG
	POC	POINT OF CONNECTION			MEDIUM PRESSURE TAKE-OFF			THREADED OR SWEAT VALVE CONNECTION			CONCENTRIC REDUCER
	POR	POINT OF REMOVAL			BURIED OR UNDER FLOOR DUCT			FLANGED VALVE CONNECTION			ECCENTRIC REDUCER
	AFF	ABOVE FINISHED FLOOR			FLEXIBLE AIR DUCT			BUTTERFLY VALVE			EXPANSION JOINT
	AP	ACCESS PANEL			LINED DUCT			GATE VALVE			FLEXIBLE CONNECTION
	CL	CENTER LINE ELEVATION			VANED ELBOW			GLOBE VALVE - STRAIGHT PATTERN			ANCHOR POINT
	INV. ELEV.	INVERT ELEVATION			RADIUS ELBOW			GLOBE VALVE - ANGLE PATTERN			CONDENSATE DRAIN
	GC	GENERAL CONTRACTOR			CONCENTRIC DUCT TRANSITION			MOTORIZED 2-WAY CONTROL VALVE			NATURAL GAS PIPING
	MC	MECHANICAL CONTRACTOR			ECCENTRIC DUCT TRANSITION			MOTORIZED 3-WAY CONTROL VALVE			CHEMICAL FEED LINE
	ATC	CONTROL CONTRACTOR			FLEXIBLE AIR DUCT CONNECTION			CHECK VALVE			MAKE-UP WATER LINE
	EC	ELECTRICAL CONTRACTOR			VOLUME DAMPER		PRV	PRESSURE REDUCING VALVE		CW	CULINARY COLD WATER
	FPC	FIRE PROTECTION CONTROL			SUPPLY AIR DIFFUSER		PRV	PRESSURE REDUCING VALVE W/ CHECK		HW	CULINARY HOT WATER
	NIC	NOT IN CONTRACT			RETURN AIR, FRESH AIR, AND TRANSFER AIR		CBV	CIRCUIT BALANCING VALVE			RECIRCULATED CULINARY HOT WATER
	NTS	NOT TO SCALE			CEILING MOUNTED EXHAUST FAN OR EXHAUST GRILLE		BV	BALL VALVE		DR	EQUIPMENT DRAIN
	VCP	VITRIFIED CLAY PIPE			RETURN OR OUTSIDE AIR DUCT UP		PRV	PRESSURE RELIEF VALVE		HWS	HEATING WATER SUPPLY
	C	COMMON			SUPPLY DUCT UP		TRV	THERMAL RELIEF VALVE		CHWR	HEATING WATER RETURN
	NC	NORMALLY CLOSED			EXHAUST AIR INTAKE UP		SRV	SAFETY RELIEF VALE		CHWS	CHILLED WATER SUPPLY
	NO	NORMALLY OPEN			RETURN OR OUTSIDE AIR DUCT DOWN			PLUG VALVE		CHWR	CHILLED WATER RETURN
		ROUND DUCT UP			SUPPLY DUCT DOWN			NEEDLE VALVE		HTWS	HIGH TEMPERATURE HEATING WATER SUPPLY
		LOWER DUCT DOWN			EXHAUST DUCT DOWN		TDV	TRIPLE DUTY VALVE		HTWR	HIGH TEMPERATURE HEATING WATER RETURN
		RAISE DUCT UP			ROUND DUCT UP			AUTOMATIC AIR VENT		LPS	LOW PRESSURE STEAM
		LOWER DUCT DOWN			LOWER DUCT DOWN			MANUAL AIR VENT		LPR	LOW PRESSURE STEAM RETURN
		FLEXIBLE DUCT CONNECTION			RAISE DUCT UP			STRAINER		MPS	MEDIUM PRESSURE STEAM
		PARALLEL BLADE DAMPER			LOWER DUCT DOWN			STRAINER W/ PLUGGED BLOW OFF		MPR	MEDIUM PRESSURE STEAM RETURN
		OPPOSED BLADE DAMPER			FLEXIBLE DUCT CONNECTION		VTI	VENTURI		HPS	HIGH PRESSURE STEAM
		HUMIDIFIER			PARALLEL BLADE DAMPER			PRESSURE GAUGE AND GAUGE COCK - WATER		HPR	HIGH PRESSURE STEAM RETURN
		AIRFLOW MEASURING STATION			OPPOSED BLADE DAMPER			PRESSURE GAUGE AND GAUGE COCK - STEAM		CS	CONDENSER SUPPLY
		FILTER BANK			HUMIDIFIER			PRESSURE GAUGE AND GAUGE COCK - STEAM		CR	CONDENSER RETURN
		COIL			AIRFLOW MEASURING STATION			THERMOMETER AND THERMOWELL		PC	PUMPED CONDENSATE
	AP	ACCESS PANEL			FILTER BANK			REFRIGERANT LIQUID		S	REFRIGERANT SUCTION
		EXISTING EQUIPMENT TO BE REMOVED			COIL			WATER TEMPERATURE SENSOR AND THERMOWELL		HG	REFRIGERANT HOT GAS
		EXISTING EQUIPMENT TO REMAIN			ACCESS PANEL			FLOW SWITCH		FOS	FUEL OIL SUPPLY
		NEW EQUIPMENT			EXISTING EQUIPMENT TO BE REMOVED		PS	PRESSURE SWITCH		FOR	FUEL OIL RETURN
	MVD	MOTORIZED VOLUME DAMPER			EXISTING EQUIPMENT TO REMAIN			THERMOWELL		FOV	FUEL OIL VENT
	BD	BACKDRAFT DAMPER			NEW EQUIPMENT		PS	PRESSURE SWITCH			
	FD	FIRE DAMPER			MOTORIZED VOLUME DAMPER		PS	PRESSURE SWITCH			
	RD	RADIATION TYPE FIRE DAMPER			BACKDRAFT DAMPER		PS	PRESSURE SWITCH			
	SD	SMOKE DAMPER			FIRE DAMPER		PS	PRESSURE SWITCH			
	FS	FIRE & SMOKE DAMPER			RADIATION TYPE FIRE DAMPER		PS	PRESSURE SWITCH			
	RTU-1	WALL MOUNTED THERMOSTAT MECHANICAL EQUIPMENT CONTROLLED			SMOKE DAMPER		PS	PRESSURE SWITCH			
	S	WALL MOUNTED TEMP. SENSOR			FIRE & SMOKE DAMPER		PS	PRESSURE SWITCH			
	H-STAT	WALL MOUNTED HUMIDISTAT			WALL MOUNTED THERMOSTAT MECHANICAL EQUIPMENT CONTROLLED		PS	PRESSURE SWITCH			
	F-STAT	WALL MOUNTED FIRESTAT			WALL MOUNTED TEMP. SENSOR		PS	PRESSURE SWITCH			
	SA	SUPPLY AIR			WALL MOUNTED HUMIDISTAT		PS	PRESSURE SWITCH			
	RA	RETURN AIR			WALL MOUNTED FIRESTAT		PS	PRESSURE SWITCH			
	EA	EXHAUST AIR			SUPPLY AIR		PS	PRESSURE SWITCH			
	OA	OUTSIDE AIR			RETURN AIR		PS	PRESSURE SWITCH			
	MA	MIXED AIR			EXHAUST AIR		PS	PRESSURE SWITCH			
	FA	FRESH AIR			OUTSIDE AIR		PS	PRESSURE SWITCH			
	RF	RELIEF AIR			MIXED AIR		PS	PRESSURE SWITCH			

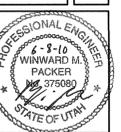
GENERAL NOTES:

- G-1 MECHANICAL INFORMATION IS NOT LIMITED TO THE MECHANICAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMATION OF THE EXISTING BUILDING AND SITE CONDITIONS, EXISTING PIPING, EXISTING ELECTRICAL, AND EXISTING SUPPORTS.
- A - EACH DRAWING SHEET AND THE SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND THEY SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH ITEMS SHOWN AND NOTED ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN ALL PLACES. ITEMS IN SPECIFICATIONS OR DRAWINGS LISTED WHICH ARE DIFFERING IN EFFICIENCY OR QUALITY SHALL BE HELD TO THE GREATEST OF: EFFICIENCY, QUALITY OR GOVERNING CODE.
- B - THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE INSTALLATION OF THE SYSTEMS ACCORDING TO THE TRUE INTENT AND MEANING OF THE CONTRACT DOCUMENTS.
- C - THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITH PROPER SERVICE ACCESS AND CLEARANCES ACCORDING TO MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL REVIEW SUPPLIERS BID PACKAGES FOR COMPLETENESS AND COMPLIANCE TO THE SPECIFICATIONS, SCHEDULES, AND DESIGN INTENT (ALL EQUIPMENT AND METHODS). THE CONTRACTOR SHALL REMOVE AND REINSTALL CORRECTLY AT HIS OWN EXPENSE ANY EQUIPMENT NOT IN COMPLIANCE.
- D - THE CONTRACTOR SHALL CONSULT MANUFACTURERS INSTALLATION INSTRUCTIONS FOR SIZES, METHODS, ACCESSORIES, AND CLEARANCES IN SPACE AVAILABLE PRIOR TO BIDDING PROJECT.
- E - ANYTHING NOT CLEAR OR IN CONFLICT WILL BE EXPLAINED BY MAKING APPLICATION TO THE ENGINEER IN WRITING.
- G-2 ANY AND ALL ALTERATIONS TO THE SYSTEM SHOWN SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO CHANGES FOR APPROVAL. CONTRACTOR SHALL NOT START ANY CHANGES UNTIL NOTIFIED IN WRITING. IF CHANGES ARE MADE PRIOR TO APPROVAL CONTRACTOR SHALL TAKE ALL RESPONSIBILITY FOR THE CHANGES MADE AND ALL COSTS RELATING TO FAILURE OR REPLACEMENT OF ALTERATIONS.
- G-3 CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATIONS.
- G-4 THE WORKING DRAWINGS ARE DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND, OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL LOCATIONS FOR MECHANICAL EQUIPMENT SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL DRAWINGS. THE CONTRACTOR SHALL PROVIDE OR COORDINATE WITH THE GENERAL CONTRACTOR PROVISIONS FOR BLOCKOUTS OR CORE DRILLS THROUGH STRUCTURE.
- G-5 THE INSTRUCTION TO "PROVIDE" ALSO INCLUDES INSTALLATION.
- G-6 MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL SMOKE AND FIRE DAMPERS AS REQUIRED BY LOCAL CODES AND AUTHORITIES.
- G-7 SHEET METAL DUCT SIZES SHOWN ON DRAWINGS ARE FREE AREA DIMENSIONS.
- G-8 PROVIDE AND INSTALL BALANCING DAMPERS IN ALL SUPPLY AND EXHAUST AIR BRANCH DUCTS. BALANCE TO CFM SHOWN ON PLAN.
- G-9 SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF DIFFUSERS AND GRILLES.
- G-10 PROVIDE TURNING VANES IN ALL ELBOWS OF RECTANGULAR DUCT.
- G-11 THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY IN HANDLING AND DISPOSING OF REFRIGERANTS, OILS, ETC. ALL SUCH MATERIALS SHALL BE HANDLED, DISPOSED, AND USED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS.
- G-12 THE MECHANICAL CONTRACTOR SHALL VERIFY MOTOR VOLTAGES WITH THE ELECTRICAL DRAWING BEFORE ORDERING MOTORIZED EQUIPMENT AND CONTROLS.
- G-13 C.F.M. LISTED IS ACTUAL AIR.
- G-14 SUPPLIERS SHALL REVIEW ALL DRAWINGS AND THE SPECIFICATIONS PRIOR TO SUBMITTING PRICES TO THE CONTRACTOR. ALL QUESTIONS AND DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO BIDDING.
- G-15 CONTRACTOR SHALL THOROUGHLY REVIEW AND SIGN SUBMITTALS FOR COMPLETENESS AND COMPLIANCE TO THE SPECIFICATIONS PRIOR TO ENGINEERS REVIEW. SUPPLIERS SHALL HIGHLIGHT OR MARK ALL INFORMATION REQUIRED TO SHOW COMPLIANCE TO THE SPECIFICATIONS, OR SCHEDULES SHALL BE CLEARLY NOTED AND EXPLAINED. SUBMITTAL REVIEW AND ACCEPTANCE IS FOR DESIGN CONCEPT ONLY, AND DOES NOT AT ANY TIME RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO MEET SPECIFICATIONS, CAPACITIES, OR DESIGN INTENT.
- G-16 ALL MECHANICAL SHALL BE INSTALLED AND CONFORM TO THE 2006 EDITION OF THE IMC AND IPC WITH UTAH ANNOTATIONS AND LOCAL AUTHORITY REQUIREMENTS.
- G-17 THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE DRAINING DOWN AND RE-FILLING OF ALL SYSTEMS NECESSARY TO COMPLETE THE WORK OUTLINED BY THIS PROJECT. THIS INCLUDES PROVIDING THE REQUIRED CHEMICAL TREATMENT WHEN RE-FILLING THE SYSTEM.
- G-18 THIS CONTRACTOR SHALL CONTRACT WITH A DESIGN BUILD ELECTRICAL CONTRACTOR FOR THE DESIGN AND CONSTRUCTION OF THE ELECTRICAL PORTION OF THIS PROJECT. ELECTRICAL INSTALLATION AND DESIGN SHALL BE PER 2008 NEC.
- G-19 ALL PIPING, MATERIALS, ETC. SHALL BE NEW AND DOMESTIC MADE UNLESS SPECIFICALLY AUTHORIZED IN WRITING PRIOR TO BID.

DEQ BUILDING REMODEL AND TENANT FINISH

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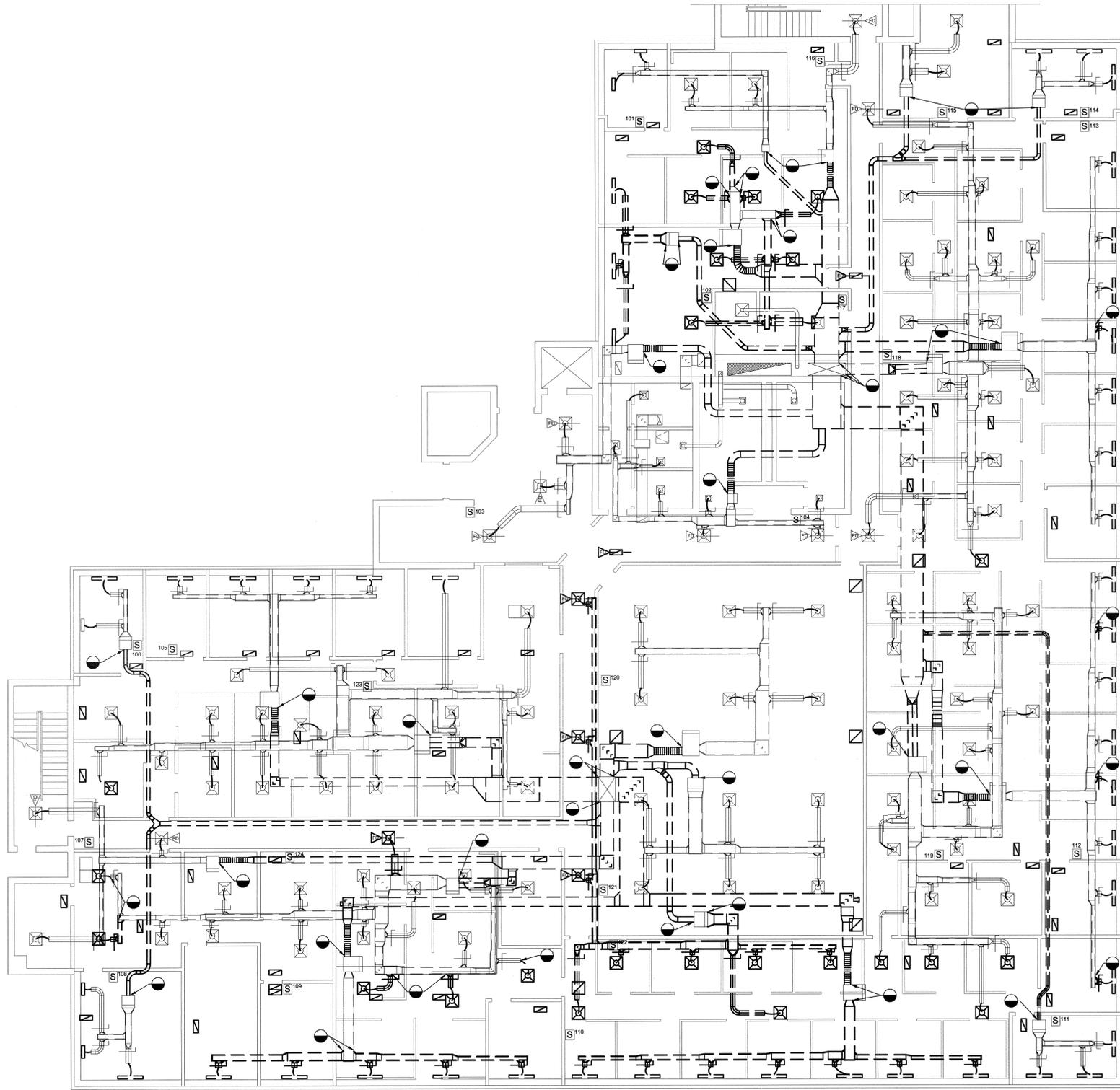


REVISION # DATE:

DFCM PROJECT NO.:

CONST. DOC.
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PLOT SCALE: 1/8"
DRAWN BY: STAFF
CHECKED BY: WP
DATE: APRIL 2010

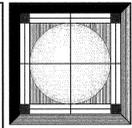
MG
001




NORTH BLDG. MAIN LEVEL MECHANICAL DEMOLITION FLOOR PLAN
 SCALE: 1/8" = 1'-0"
 0 2 4 8 16

SHEET NOTES:
 ① REMOVE DUCTWORK UP TO THIS POINT AND CAP. FIELD VERIFY.

GENERAL NOTES:
 1. ALL RETURN GRILLES TO BE REMOVED.
 2. ALL MEDIUM PRESSURE TO BE REMOVED BACK TO RISER.



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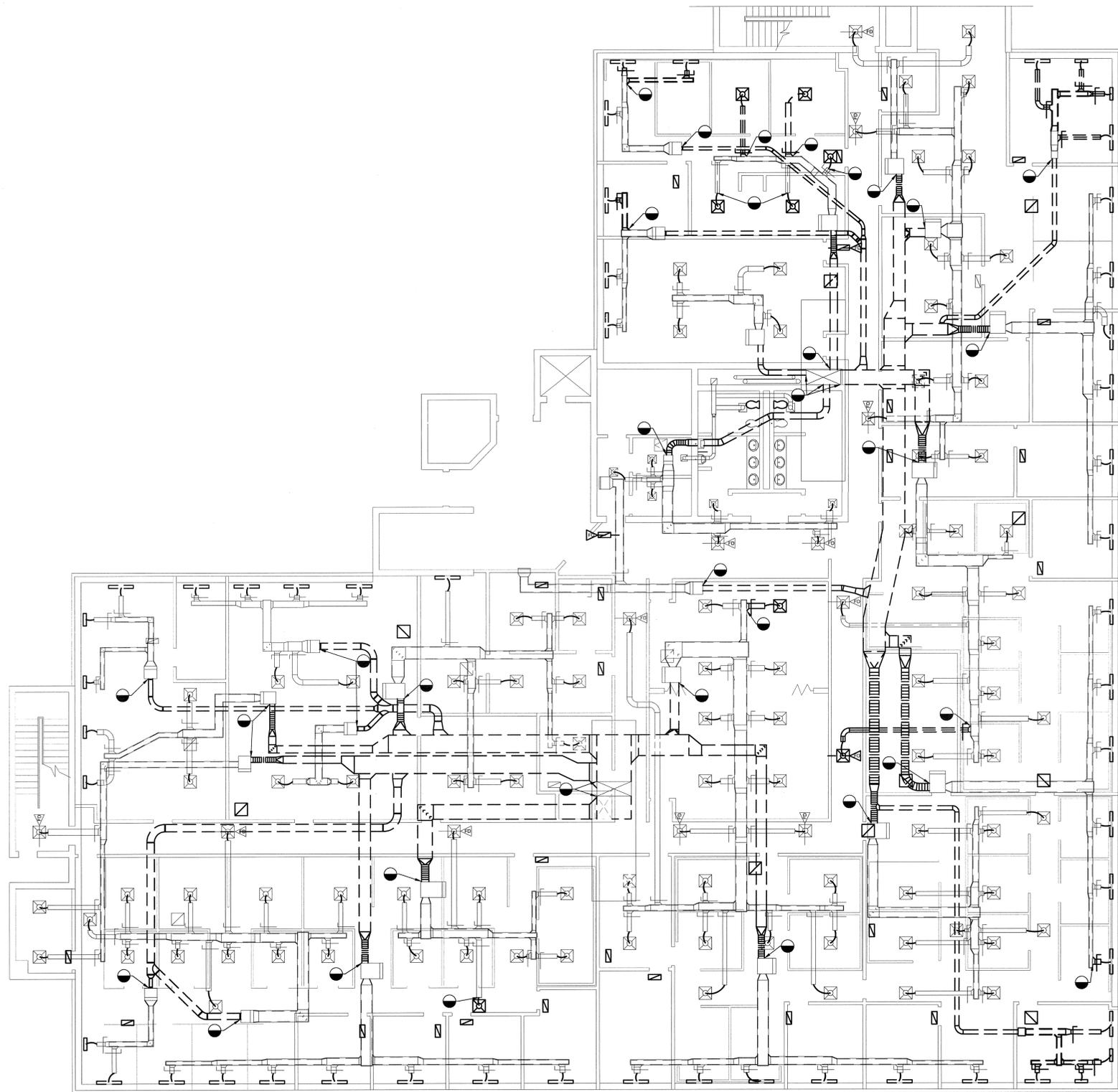


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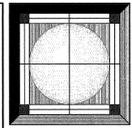
MD
101



SHEET NOTES:
 ① REMOVE DUCTWORK UP TO THIS POINT AND CAP. FIELD VERIFY.

GENERAL NOTES:
 1. ALL RETURN GRILLES TO BE REMOVED.
 2. ALL MEDIUM PRESSURE TO BE REMOVED BACK TO RISER.

NORTH BLDG. UPPER LEVEL MECHANICAL DEMOLITION FLOOR PLAN
 SCALE: 1/8" = 1'-0"



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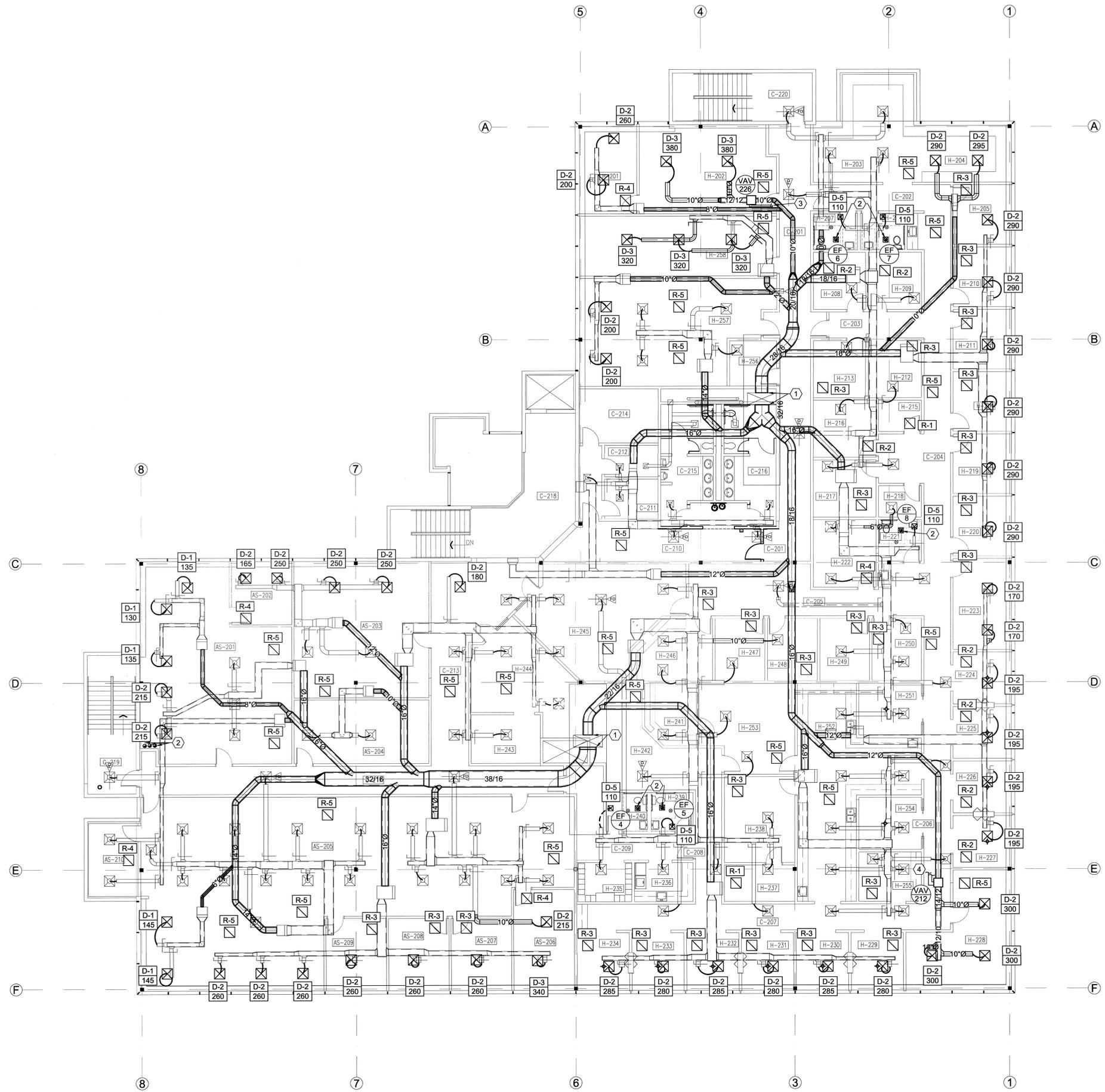


REVISION # DATE:

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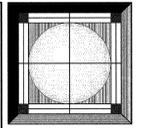
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102**



- SHEET NOTES:**
- CONNECT NEW MEDIUM PRESSURE DUCT WORK TO EXISTING RISER.
 - 8"Ø EXHAUST DUCT UP THROUGH ROOF. PROVIDE GOOSENECK OR WEATHERPROOF CAP AT ROOF. SEE DETAIL.
 - CONNECT NEW 3/4" HWS & HWR TO NEAREST EXISTING 1" HWS & 1" HWR OR GREATER SIZE. FIELD VERIFY EXACT LOCATION AND DISTANCE TO EXISTING 1" HWS & HWR.
 - CONNECT NEW 1" HWS & HWR TO NEAREST EXISTING 1-1/4" HWS & 1-1/4" HWR OR GREATER SIZE. FIELD VERIFY EXACT LOCATION AND DISTANCE TO EXISTING 1-1/4" HWS & HWR.

- GENERAL NOTES:**
- PROVIDE SOUND BOOT FOR ALL NEW RETURN GRILLES. SEE DETAIL.
 - LOCATE ALL SENSORS & THERMOSTATS IN THE SPACE WHICH THEY SERVE. RELOCATE EXISTING SENSORS & THERMOSTATS AS NECESSARY.
 - RE-ALIGN EXISTING GRILLES IN NEW CEILING GRID.

NORTH BLDG. UPPER LEVEL MECHANICAL FLOOR PLAN
 SCALE: 1/8" = 1'-0"
 0 2 4 8 16'



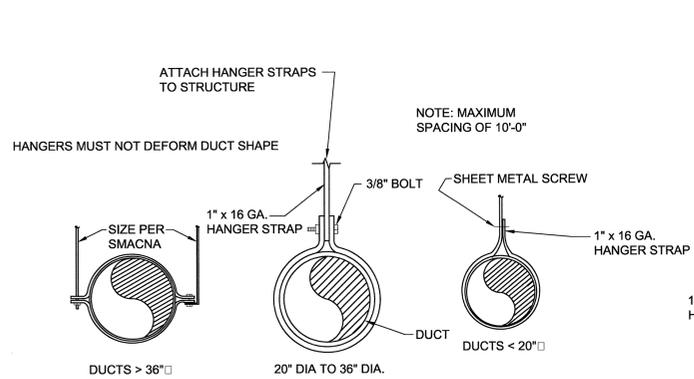
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 SALT LAKE CITY, UTAH



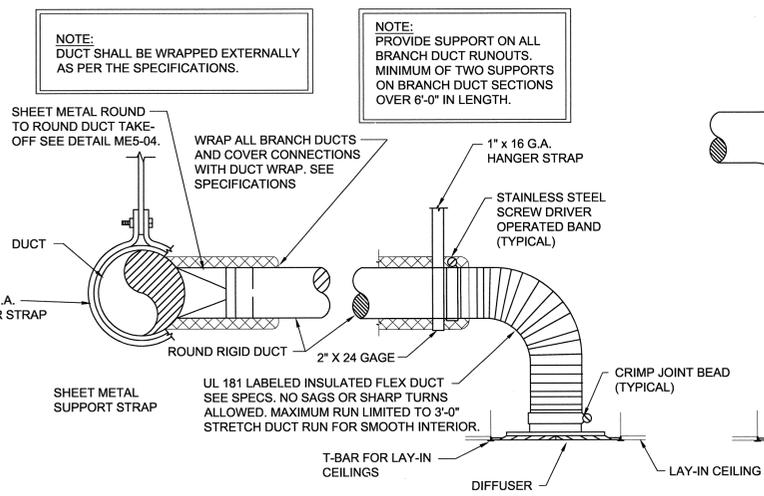
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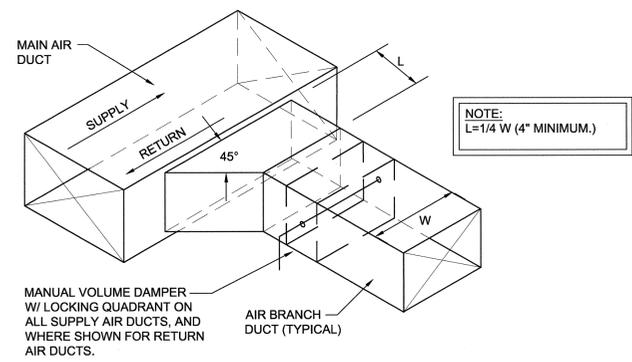
NORTH BLDG. UPPER LEVEL MECHANICAL FLOOR PLAN
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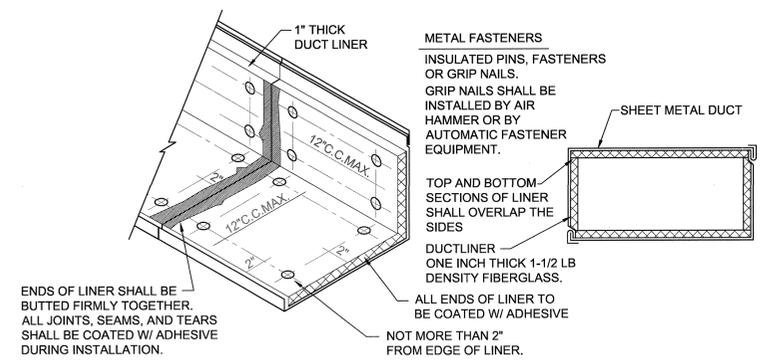
1 ROUND DUCT SUPPORT DETAIL
SCALE: NONE



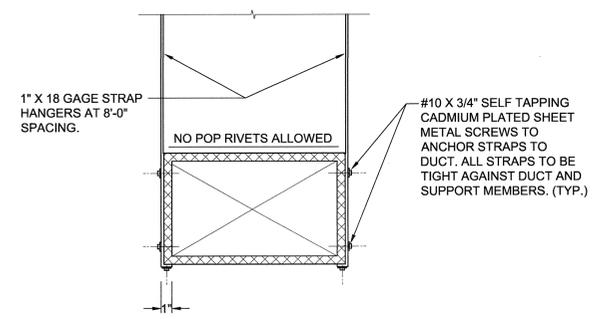
2 TYPICAL DIFFUSER CONNECTION DETAIL
SCALE: NONE



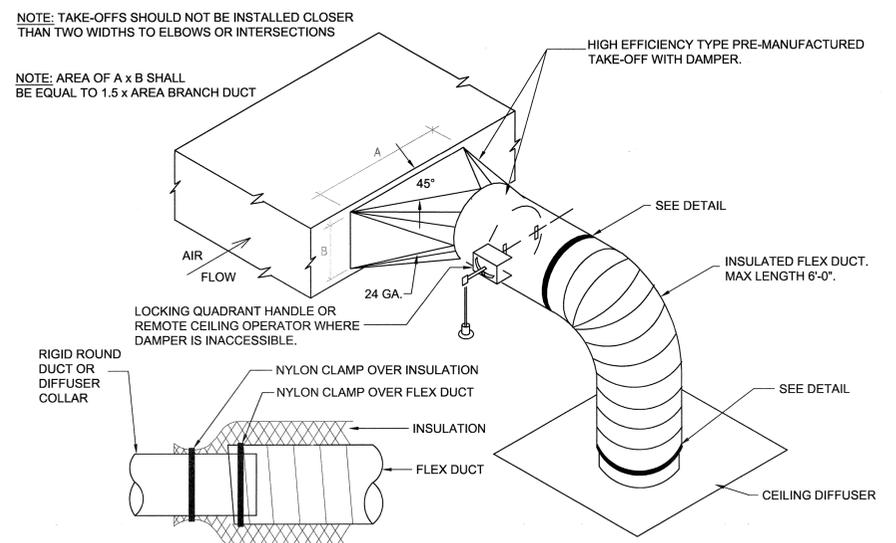
3 BRANCH DUCT TAKE-OFF & DAMPER DETAIL
SCALE: NONE



4 DUCT LINER DETAIL
SCALE: NONE



5 DUCT STRAP HANGER DETAIL
SCALE: NONE

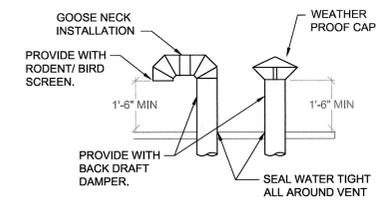


6 SQUARE-TO-ROUND TAKE-OFF DETAIL
SCALE: NONE

DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS &/OR INTERMEDIATE REINFORCING	TRANSVERSE REINFORCING (1)				
			AT JOINTS				
			MIN. H. IN.	DRIVE SLIP PLAIN S SLIP	HEMMEDED S SLIP	ALTERNAT BAR SLIP	REINFORCED BAR SLIP
UP THRU 12	26	NONE REQUIRED	1	26	26	24	24
13 - 18	24	NONE REQUIRED	1	24	24	24	24
19 - 30	24	1"X1"X1/8" @ 60 IN	1	-	24	24	24
31 - 36	22	1"X1"X1/8" @ 60 IN	1	-	-	22	22

1. TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

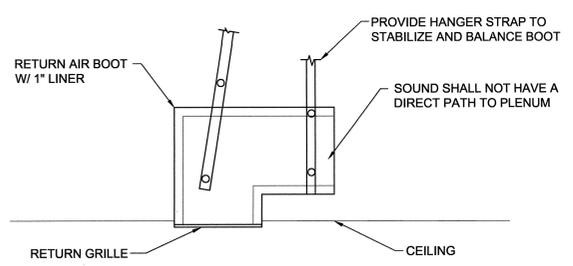
7 DUCT CONSTRUCTION DETAIL
SCALE: NONE



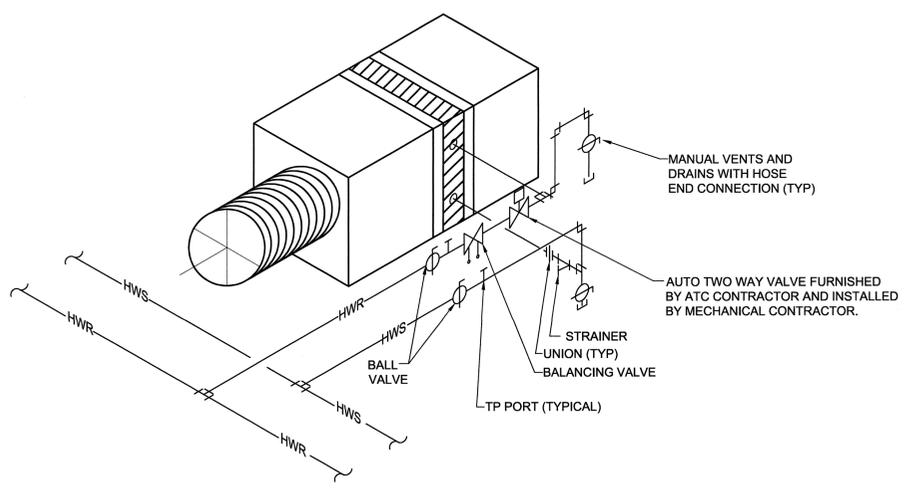
8 FLUE DETAIL
SCALE: NONE

DUCT DIAMETER IN INCHES	MAXIMUM 2" W.G. STATIC POSITIVE		MAXIMUM 2" W.G. STATIC NEGATIVE	
	SPIRAL SEAM GAUGE	LONGITUDINAL SEAM GAUGE	SPIRAL SEAM GAUGE	LONGITUDINAL SEAM GAUGE
3 thru 8	28	28	28	24
9 thru 14	28	26	26	24
15 thru 26	26	24	24	22
27 thru 36	24	22	22	20
37 thru 50	22	20	20	18

9 LOW PRESSURE ROUND DUCT CONSTRUCTION DETAIL
SCALE: NONE



10 TYPICAL RETURN AIR BOOT DETAIL
SCALE: NONE



11 VAV BOX (W/ RE-HEATING COIL) HOT WATER PIPING DETAIL
SCALE: NONE

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MECHANICAL DETAILS

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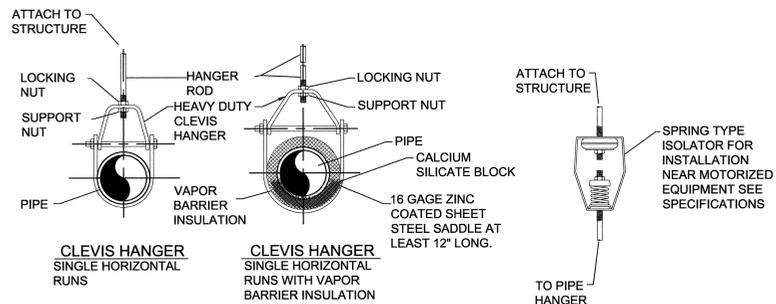


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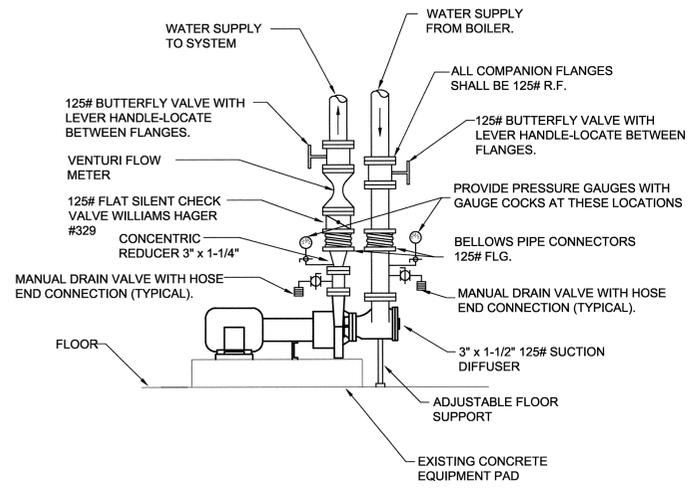
DFCM PROJECT NO.:

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 FILE NAME: DEQ2
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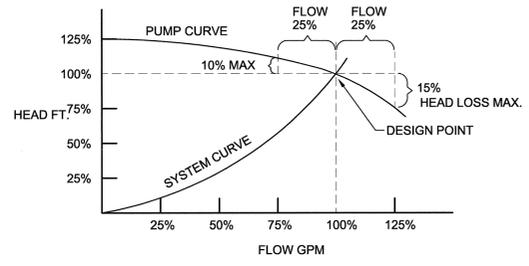
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1 PIPE HANGER DETAIL
SCALE: NONE

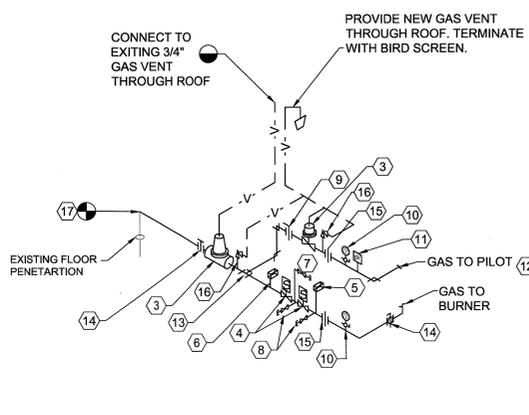


2 PUMP PIPING DETAIL
SCALE: NONE



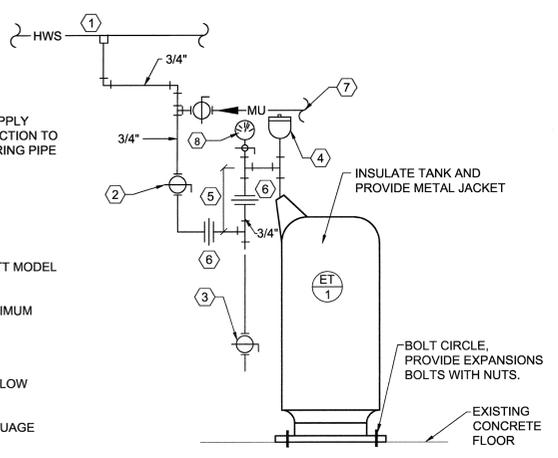
3 PUMP CURVE DETAIL
SCALE: NONE

LEGEND	
NO.	ITEM
1	GAS INLET
2	SUPPORT GAS TRAIN FROM PAD OR FLOOR
3	GAS PRESSURE REGULATOR
4	MOTORIZED SAFETY VALVE
5	HIGH PRESSURE SWITCH
6	LOW PRESSURE SWITCH
7	VENT VALVE AND VENT
8	TEST COCK
9	SHUT-OFF COCK
10	PRESSURE GAUGE
11	SOLENOID VALVE
12	GAS TO PILOT
13	GAS TAKE-OFF TO PILOT
14	SHUT-OFF VALVE
15	UNION
16	RELIEF VALVE-VENT TO ATMOSPHERE
17	CONNECT TO EXISTING GAS LINE THIS LOCATION. FIELD VERIFY EXACT LOCATION.

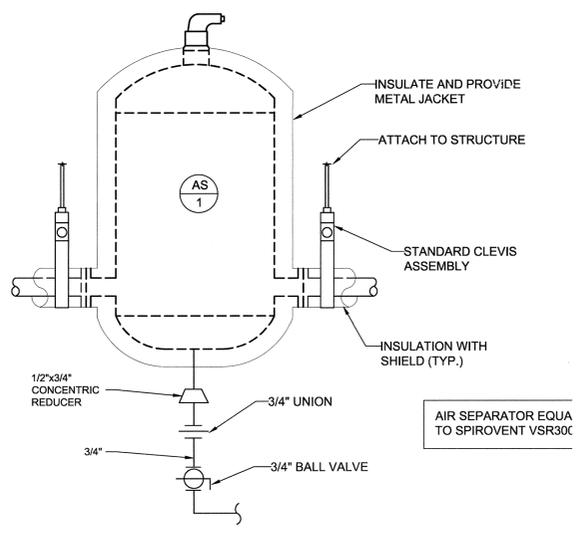


4 CSD-1 AUTO-IGNITION GAS TRAIN DETAIL
SCALE: NONE

- DETAIL NOTES:**
- CONNECT TO SIDE OF HOT WATER SUPPLY MAIN. AVOID TOP OR BOTTOM CONNECTION TO PREVENT AIR OR DEBRIS FROM ENTERING PIPE TO TANK. USE 3/4" THRED-O-LET
 - SHUT OFF BALL VALVE. REQUIRED TO PROPERLY PRECHARGE TANK.
 - DRAIN VALVE.
 - AUTOMATIC AIR VENT. BELL & GOSSETT MODEL #7 OR #87.
 - ANTI-THERMO-SYPHON LOOP. 12" MINIMUM DROP.
 - UNION.
 - NEW 3/4" MAKE-UP WATER LINE. SEE FLOW SHEET ME701.
 - PRESSURE GAUGE -0- 60 PSIG WITH GAUGE COCK.

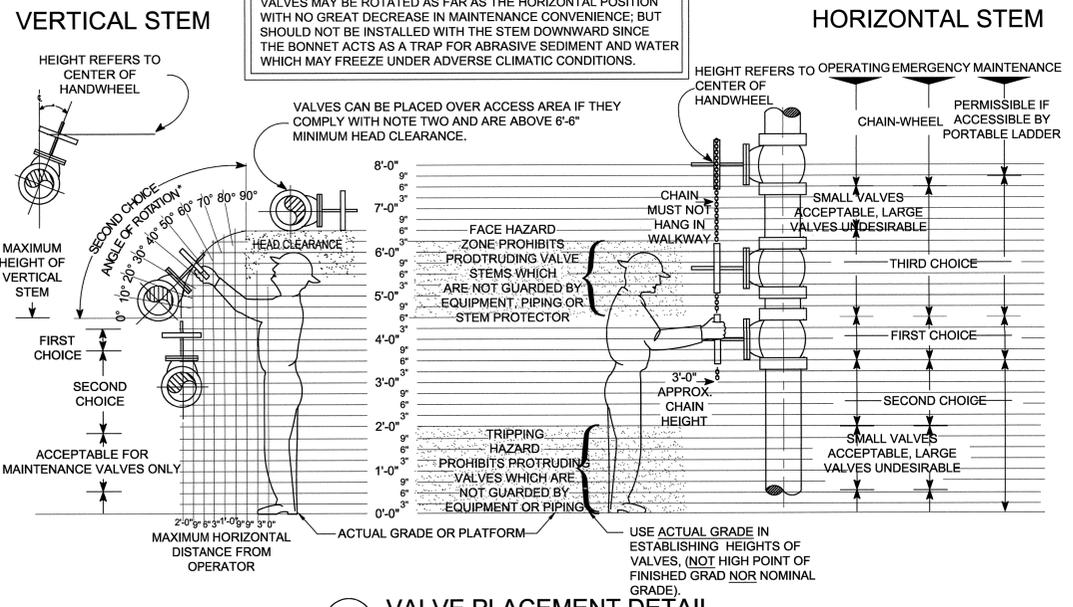


5 EXPANSION TANK DETAIL
SCALE: NONE

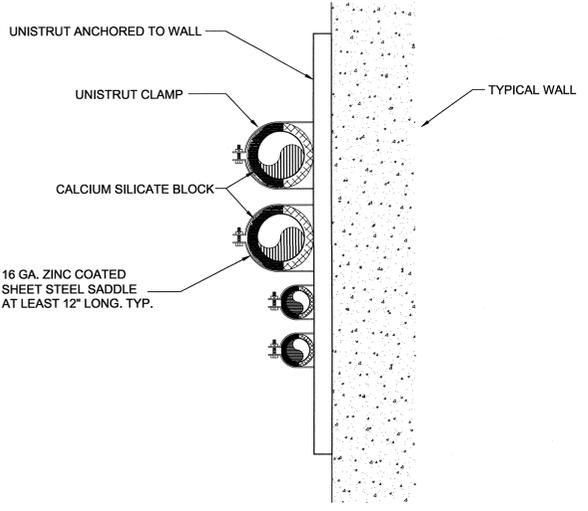


6 AIR SEPARATOR DETAIL
SCALE: NONE

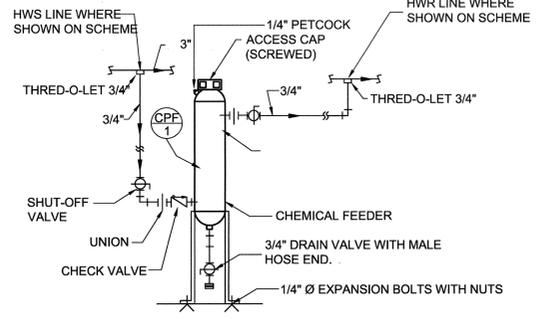
NOTE:
WHENEVER OTHER DESIGN CONSIDERATIONS PERMIT, VALVES ARE BEST INSTALLED WITH THE STEM POINTING STRAIGHT UP (VERTICAL STEM), SINCE THIS POSITION GREATLY FACILITATES IN-PLACE MAINTENANCE (LUBRICATION OF SCREW, INSPECTION, REPACKING).
VALVES MAY BE ROTATED AS FAR AS THE HORIZONTAL POSITION WITH NO GREAT DECREASE IN MAINTENANCE CONVENIENCE; BUT SHOULD NOT BE INSTALLED WITH THE STEM DOWNWARD SINCE THE BONNET ACTS AS A TRAP FOR ABRASIVE SEDIMENT AND WATER WHICH MAY FREEZE UNDER ADVERSE CLIMATIC CONDITIONS.



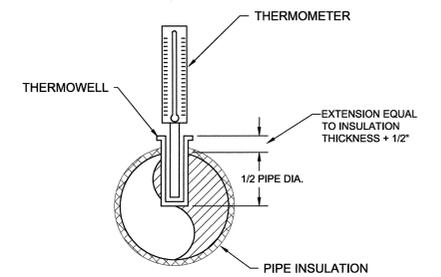
7 VALVE PLACEMENT DETAIL
SCALE: NONE



8 PIPE WALL ANCHOR DETAIL
SCALE: NONE



9 CHEMICAL TREATMENT SCHEME
SCALE: NONE



10 THERMOWELL DETAIL
SCALE: NONE

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 168 NORTH 1950 WEST
 SALT LAKE CITY, UTAH
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BOILER SCHEDULE									
SYMBOL	MBH INPUT	MBH OUTPUT	WATER TEMP		GPM	FLUE SIZE	OPERATION WEIGHT LBS	MAKE AND MODEL #	SCHEDULE NOTES
			IN	OUT					
B 1	1200	978	140 °F	180 °F	50	10" Ø	3000	BRYAN MODEL CLM 120	1,2,3,4,5

- BOILER RATINGS ARE FOR SEA LEVEL. FORCED DRAFT
- SEE SPECIFICATION FOR OTHER APPROVED MANUFACTURERS.
- VERIFY FLUE SIZING AND MATERIAL WITH EACH BOILER MANUFACTURER AND INSTALL ACCORDINGLY.
- PROVIDE 120V CIRCUIT. FOR CONTROLS AND FAN MOTOR.
- BOILER IS REVERSE CONSTRUCTION

CHEMICAL POT FEEDER							
SYMBOL	TYPE	MAX PRESSURE	CAPACITY GALLONS	SHIPPING WEIGHT	DIAMETER	HEIGHT WITH LEGS	MAKE AND MODEL #
CPF 1	VERTICAL	300 PSI	5	38 LBS	10"	29 3/4"	NEPTUNE DBF - 5HP

AIR SEPARATOR SCHEDULE							
SYMBOL	CAPACITY GPM	MAX PRESSURE DROP FT.	INLET / OUTLET SIZE	SHIPPING WEIGHT LBS	MAKE & MODEL	SCHEDULE NOTES	
AS 1	50	0.84	3"	95	SPIRAVENT VSR300	1	

- FOR OTHER APPROVED MANUFACTURERS SEE SPECIFICATIONS.

EXPANSION TANK SCHEDULE						
SYMBOL	ACCEPTANCE VOLUME/ TANK VOLUME GAL.	HEIGHT	DIAMETER	OPERATION WEIGHT/ FLOOD WEIGHT (LBS)	MANUFACTURER AND MODELING	SCHEDULE NOTES
ET 1	44.4	56 7/8"	16 1/4"	516	BELL & GOSSETT D - 80V	1

- FOR OTHER APPROVED MANUFACTURERS SEE SPECIFICATIONS.

AIR COOLED CONDENSING UNIT SCHEDULE								
SYMBOL	AREA SERVED	MIN SIZE (TONS)	COMPRESSOR MOTOR			MOCPP	MANUF. & MODEL #	SCHEDULE NOTES
			No.	RLA (EACH)	LRA (EACH)			
FC 1	MAIN LEVEL COMPUTER ROOM	3	1	19	27	30	FUJITSU 36RSLX	1,2,3,4,5
FC 2	MAIN LEVEL COMPUTER ROOM	3	1	19	27	30	FUJITSU 36RSLX	1,2,3,4,5
FC 3	UPPER LEVEL COMPUTER ROOM	3	1	19	27	30	FUJITSU 36RSLX	1,2,3,4,5
FC 4	UPPER LEVEL COMPUTER ROOM	3	1	19	27	30	FUJITSU 36RSLX	1,2,3,4,5

- REFRIGERANT R-410A.
- AT DESIGN CONDITIONS AND 95° F EAT.
- COORDINATE REFRIGERANT CHARGE WITH MANUFACTURERS RECOMMENDATIONS. FIELD VERIFY EXACT LENGTH.
- SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
- ELECTRIC SERVICE: 208/1Ø/60HZ
- PROVIDE WITH LOW AMBIENT WIND BAFFLE.

EXHAUST FAN SCHEDULE										
SYMBOL	MANUFACTURER & MODEL No.	SERVES	C.F.M.	STATIC PRESSURE IN. WG.	MAX NOISE SONES	MOTOR			OPER. WT. (LBS)	SCHEDULE NOTES
						V - Ø - Hz	WATTS	RPM		
EF 1	COOK GEMINI GC-320	JC-117	130	.3	3.3	120/1/60	54	1365	25	1,2
EF 2	COOK GEMINI GC-320	JC-116	130	.3	3.3	120/1/60	54	1365	25	1,2
EF 3	COOK GEMINI GC-320	JC-115	130	.3	3.3	120/1/60	54	1365	25	1,2
EF 4	COOK GEMINI GC-320	H-240	130	.3	3.3	120/1/60	54	1365	25	1,2
EF 5	COOK GEMINI GC-320	H-239	130	.3	3.3	120/1/60	54	1365	25	1,2
EF 6	COOK GEMINI GC-320	H-207	130	.3	3.3	120/1/60	54	1365	25	1,2
EF 7	COOK GEMINI GC-320	H-206	130	.3	3.3	120/1/60	54	1365	25	1,2
EF 8	COOK GEMINI GC-320	H-206	130	.3	3.3	120/1/60	54	1365	25	1,2

- PROVIDE WITH INTEGRAL BACK DRAFT DAMPER.
- INTERLOCK WITH LIGHT SWITCH FOR SPACE WITH TIME DELAY.

VAV BOX SCHEDULE															
SYMBOL	INLET DIA. (INCHES)	COOLING			HEATING (40° DELTA T WATER)							NC LEVEL	MANUF. MODEL #	SCHEDULE NOTES	
		MAX CFM	MIN CFM	MX APD (IN)	COIL EAT	COIL LAT	MAX CFM	COIL MBH	FLOW GPM	EWT (FT) PD	ROWS				
VAV 212	10	900	270	.38	55	105	900	48.8	4.77	180	4.74	2 HC	25	PRICE SDV	1
VAV 226	10	760	240	.29	55	105	760	41.21	2.92	180	1.84	2 HC	25	PRICE SDV	1
VAV S125	10	790	240	.31	55	105	790	42.84	3.24	180	2.24	2 HC	25	PRICE SDV	1
VAV S227	16	1925	580	.32	55	105	1925	104.39	6.86	180	8.14	2 HC	25	PRICE SDV	1

- SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.

DIFFUSER SCHEDULE								
SYMBOL	TYPE	MAX CFM	FACE SIZE	NECK SIZE	CEILING TYPE	BLOW	PATTERN	SCHEDULE NOTES
D-1 CFM	CEILING	150	6X6	6"Ø	LAY-IN	4-WAY		1,2,3,4,5
D-2 CFM	CEILING	300	9X9	8"Ø	LAY-IN	4-WAY		1,2,3,4,5
D-3 CFM	CEILING	500	12X12	10"Ø	LAY-IN	4-WAY		1,2,3,4,5
D-4 CFM	CEILING	750	15X15	14"Ø	LAY-IN	4-WAY		1,2,3,4,5
D-5 CFM	CEILING	150	6X6	6"Ø	HARD	4-WAY		1,2,3,4,5
D-6 CFM	CEILING	300	9X9	8"Ø	HARD	4-WAY		1,2,3,4,5
D-7 CFM	CEILING	500	12X12	10"Ø	HARD	4-WAY		1,2,3,4,5
D-8 CFM	CEILING	750	15X15	14"Ø	HARD	4-WAY		1,2,3,4,5

- PROVIDE LAY-IN CEILING AND BORDER / MODULE AS REQUIRED. SEE ARCHITECTURAL CEILING PLANS.
- MAXIMUM NC 25 AT CFM LISTED.
- PROVIDE TRANSITION TO DIFFUSER NECK SIZE AS REQUIRED TO DUCT WORK SHOWN ON PLAN.
- DIFFUSER SHALL BE PRICE MODEL SMD OR EQUAL BY APPROVED MANUFACTURER IN SPECIFICATIONS.
- FINISH SHALL BE STANDARD WHITE.

REGISTER, LOUVER & GRILLE SCHEDULE							
SYMBOL	TYPE	SERVICE	MAX CFM	NOMINAL SIZE	THROAT SIZE	CEILING TYPE	SCHEDULE NOTES
R-1	CEILING	RETURN	180	8/8	8/8	LAY-IN	1,2,3,4
R-2	CEILING	RETURN	250	10/10	10/10	LAY-IN	1,2,3,4
R-3	CEILING	RETURN	375	12/12	12/12	LAY-IN	1,2,3,4
R-4	CEILING	RETURN	600	16/16	16/16	LAY-IN	1,2,3,4
R-5	CEILING	RETURN	1200	22/22	22/22	LAY-IN	1,2,3,4
EG-1	CEILING	EXHAUST	375	12/12	12/12	LAY-IN	1,2,3,4

REGISTER, LOUVER AND DIFFUSER SCHEDULE NOTES:

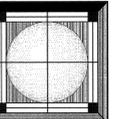
- MAXIMUM NC = 25 @ MAXIMUM CFM NOTED.
- SHALL BE PRICE 535 OR EQUAL BY OTHER APPROVED MANUFACTURERS.
- SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
- FINISH SHALL BE STANDARD WHITE.
- FINISH TO BE SPECIFIED BY ARCH

SPLIT SYSTEM INDOOR UNIT SCHEDULE						
SYMBOL	ROOMS SERVED	COOLING CAPACITY (BTU/H)	WEIGHT (LBS)	VOLTAGE-PHASE-HZ	MANUF. & MODEL #	SCHEDULE NOTES
FC 1	MAIN LEVEL COMPUTER ROOM	34,100	110	230/1/60	FUJITSU 36RSLX	1,2,3
FC 2	MAIN LEVEL COMPUTER ROOM	34,100	110	230/1/60	FUJITSU 36RSLX	1,2,3
FC 3	UPPER LEVEL COMPUTER ROOM	34,100	110	230/1/60	FUJITSU 36RSLX	1,2,3
FC 4	UPPER LEVEL COMPUTER ROOM	34,100	110	230/1/60	FUJITSU 36RSLX	1,2,3

- R410A REFRIGERANT
- PROVIDE CONDENSATE PUMP. ROUTE CONDENSATE LINE TO MECHANICAL ROOM.
- PROVIDE POWER FOR INDOOR FROM OUTDOOR UNIT.

PUMP SCHEDULE												
SYMBOL	TYPE	GPM	FT. HEAD	RPM	SUCTION SIZE	DISCHARGE SIZE	MOTOR		SIZE	SERVICE	MANUFACTURER	SCHEDULE NOTES
							V - Ø - Hz	HP				
P 1	BASE MOUNTED END SUCTION	50	50	1750	1 1/2"	1 1/4"	460 / 3 / 60	2	1-1/4 AC	BUILDING HEATING HOT WATER	BELL & GOSSETT	1,2,3
P 2	BASE MOUNTED END SUCTION	50	50	1750	1 1/2"	1 1/4"	460 / 3 / 60	2	1-1/4 AC	BUILDING HEATING HOT WATER	BELL & GOSSETT	1,2,3

- ALL PUMPS SHALL BE SIZED IN THE FLAT PART OF THE CURVE. SEE DETAIL.
- SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
- COORDINATE WITH DIVISION 16 TO PROVIDE VFD.



DEQ BUILDING REMODEL AND TENANT FINISH

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MECHANICAL SCHEDULES

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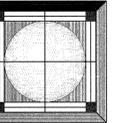
PLUMBING LEGEND			
MEANING	SYMBOL OR ABBREVIATION	MEANING	SYMBOL OR ABBREVIATION
HOT WATER LINE	—————	WALL CLEANOUT	WCO
COLD WATER LINE	—————	CLEANOUT	CO
HOT WATER RECIRCULATING LINE	—————	CLEANOUT TO GRADE	COTG
VENT LINE	—————	FLOOR CLEANOUT	FCO
WASTE LINE	-----	BALL VALVE	⊕
GAS LINE	—————	UNION	— —
VENT THRU ROOF	VTR	CONNECTION TO EXISTING PIPING	⊕
UNDER FLOOR	UF	REGULATOR	Ⓜ
SANITARY SEWER	--- SS ---	SOFT WATER	SW
PRIMARY ROOF DRAIN (PRD)	————— PD	SECONDARY ROOF DRAIN (SRD)	————— SD

PLUMBING CONSTRUCTION NOTES:

- G-1 ALL PLUMBING SHALL BE INSTALLED AND CONFORM TO THE 2006 EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC) WITH UTAH ANNOTATIONS AND LOCAL AUTHORITY REQUIREMENTS.
- G-2 ALL PIPING MATERIALS SHALL MEET ALL REQUIREMENTS OF IPC AND LOCAL AUTHORITY. PLASTIC PIPING SHALL BE ALLOWED ONLY WHERE ALLOWED BY CODE. PLASTIC PIPING SHALL NOT BE ROUTED THROUGH RETURN AIR PLENUMS OR OTHER AREAS PROHIBITED BY THE IMC, IPC OR NFPA CODES OR BY LOCAL AUTHORITY.
- G-3 GAS PIPING INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH GAS COMPANY REGULATIONS, NFPA CODE REQUIREMENTS, AND LOCAL AUTHORITY.
- G-4 ALL MATERIALS SHALL BE NEW AND SHALL BE DOMESTIC MADE UNLESS SPECIFICALLY APPROVED OTHERWISE IN WRITING BY ARCHITECT OR OWNER.
- G-5 HOT AND COLD WATER PIPE SHALL BE TYPE L HARD DRAWN COPPER PIPING WITH WROUGHT COPPER FITTINGS. OUTSIDE PIPING MAY BE COPPER OR PVC PLASTIC CONFORMING TO AWWA STANDARDS WHERE ALLOWED BY LOCAL CODE. TYPE K UNDERGROUND WITH NO JOINTS WITHIN BUILDING. METER SHALL BE AS REQUIRED BY LOCAL UTILITY CO. ALL PIPING AND FITTINGS SHALL BE DOMESTIC MADE. PIPING SHALL BE TESTED AT 125 PSI MINIMUM FOR 6 HOURS AND SHOW NO LEAKS.
- G-6 PROVIDE VACUUM BREAKERS AND BACK FLOW PREVENTERS WHERE REQUIRED BY CODE OR WHERE THERE MAY BE ANY POSSIBLE CHANCE FOR CROSS CONTAMINATION. PREVENTERS SHALL BE INSTALLED IN ACCORDANCE WITH UTAH CODE.
- G-7 SOIL, WASTE AND VENT PIPING SHALL BE CAST IRON SERVICE WEIGHT HUB AND SPIGOT CONFORMING TO FEDERAL SPECIFICATION WW-P-401, ASTM A-74, OR ANSI A112.5-1 VENT PIPING AND ABOVE GRADE WASTE PIPING 2-1/2" OR LESS MAY BE GALVANIZED STEEL WITH SCREWED DURHAM TARRER DRAINAGE FITTINGS, HOWEVER, GALVANIZED STEEL VENT PIPES SHALL NOT BE USED FOR UNDER OR WITHIN 6" OF THE GROUND AS PER CODE. JOINTS FOR CAST IRON PIPE SHALL BE TYSEAL, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. ABOVE GRADE CAST IRON PIPING SHALL BE SERVICE WEIGHT NO-HUB WITH STAINLESS STEEL CINCH BANDS. ALL PIPING AND FITTINGS SHALL BE DOMESTIC MADE. ALL WASTE AND VENT PIPING SHALL BE TESTED BY FILLING SYSTEM TO TOP OF THE VENT PIPE (20 FEET OF HEAD MINIMUM) AND SHOW NO LEAKS FOR 6 HOURS.
- G-8 GAS PIPING FROM METER TO EQUIPMENT SHALL BE ASTM A 120-79 SCHEDULE 40 BLACK CARBON STEEL. FITTINGS SHALL BE ASTM A 234-79 WELDED STEEL FITTINGS OR STANDARD WEIGHT MALLEABLE IRON SCREWED FITTINGS. DO NOT USE FLEX PIPING UNLESS REQUIRED BY LOCAL CODE, THEN USE GAS COMPANY APPROVED PIPING INSTALLED BY GAS COMPANY APPROVED INSTALLERS. PIPING CONCEALED IN WALLS OR LARGER THAN 2-1/2" SHALL BE WELDED. ALL PIPING SHALL BE TESTED TO MINIMUM OF 60 PSI AS PER CODE. GAS VALVES SHALL BE UL LISTED BALL VALVES. PIPING AND FITTING MATERIALS SHALL BE AS RECOMMENDED AND ALLOWED BY LOCAL AUTHORITY AND CODES. GAS PIPING WITHIN THE BUILDING SHALL NOT BE ROUTED UNDER FLOOR SLAB. ALL PIPING AND FITTINGS SHALL BE DOMESTIC MADE.
- G-9 ALL PLUMBING INFORMATION IS NOT LIMITED TO THE PLUMBING DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS INCLUDING SPECIFICATIONS, ARCHITECTURAL DRAWING, STRUCTURAL DRAWINGS, MECHANICAL DRAWINGS, AND ELECTRICAL DRAWINGS.
- G-10 THE WORKING DRAWINGS ARE DIAGRAMMATIC. BECAUSE OF THE SMALL SCALE OF THE DRAWING, THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL PIPING SHALL BE CHECKED AND COORDINATED WITH THE SPECIFICATIONS, ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
- G-11 COORDINATE ALL PIPING AND PLUMBING EQUIPMENT WITH ALL OTHER TRADES AND/OR CONTRACTORS PRIOR TO INSTALLATION.
- G-12 ANY AND ALL ALTERATION TO THE SYSTEM SHOWN SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR AND ARCHITECT/ENGINEER SHALL BE NOTIFIED IN WRITING PRIOR TO CHANGES.
- G-13 GAS LINE FITTINGS SHALL BE STANDARD WELD FITTINGS WITH TAPERED REDUCERS. DO NOT USE VALVES, UNIONS, OR AUTO CONTROLS IN GAS LINES ROUTED IN INACCESSIBLE CONCEALED SPACES.

PLUMBING CONSTRUCTION NOTES CONTINUED:

- G-14 CLEANING AND DISINFECTING: ALL PIPING SHALL BE FLUSHED CLEAN BEFORE CONNECTION TO EQUIPMENT. DOMESTIC WATER LINES SHALL BE THOROUGHLY FLUSHED OUT WITH AN ALKALINE DETERGENT SOLUTION TO REMOVE PIPE DOPE, OIL, LOOSE MILL SCALE, AND OTHER EXTRANEOUS MATERIALS. AFTER THE WATER SYSTEM HAS BEEN FLUSHED CLEAN, THE SHUTOFF VALVE TO THE WATER MAIN SHALL BE CLOSED. ALL FIXTURE OUTLETS SHALL BE OPENED SLIGHTLY. A SOLUTION OF SODIUM HYPO CHLORITE AND CLEAN WATER SHALL BE INTRODUCED AT THE NEW TIE-IN TO THE EXISTING WATER PIPES DOWNSTREAM OF NEW VALVE. UNTIL RESIDUAL CHLORINE IS DETECTED AT ALL WATER FAUCETS, OUTLETS, ETC. THE SOLUTION SHALL CONSIST OF 1 GALLON OF 5% SODIUM HYPO CHLORITE (CLOROX OR PUREX) TO 200 GALLONS OF WATER. THE SOLUTION SHALL BE FLUSHED AND ALL AERATORS AND STRAINERS SHALL BE REMOVED, CLEANED AND REPLACED. CARE SHALL BE TAKEN TO NOT ALLOW SOLUTION TO ENTER EXISTING PIPING. AFTER STERILIZATION, FLUSH SOLUTION FROM SYSTEM WITH CLEAN WATER UNTIL RESIDUAL CHLORINE CONTENT IS LESS THAN 0.2 PARTS PER MILLION. WATER SYSTEM WILL NOT BE ACCEPTED UNTIL A NEGATIVE BACTERIOLOGICAL TEST IS MADE ON WATER TAKEN FROM SYSTEM. CHLORINE DOSING SHALL BE REPEATED AS NECESSARY UNTIL SUCH NEGATIVE TEST IS ACCOMPLISHED WHEN CONNECTION INTO EXISTING WATER LINES. CONTRACTOR SHALL PROPERLY PROTECT AND CAP THE EXISTING PIPING OR CONTRACTOR SHALL STAND THE COST OF CLEANING AND DISINFECTING THE EXISTING PIPING SYSTEM TO OWNER'S SATISFACTION. CONTRACTOR SHALL FURNISH TO OWNER AND ARCHITECT A WRITTEN REPORT CERTIFYING THAT PIPE CLEANING AND DISINFECTION HAS BEEN COMPETED AND ACCEPTED.
 - G-15 ALL WATER SYSTEMS SHALL MEET THE REQUIREMENTS OF ANS/NSF STANDARD 61 SECTION 9 (1998), CONCERNING METAL CONTAMINANTS IN THE WATER SYSTEM.
 - G-16 WATER PIPING SHALL NOT BE ROUTED IN OUTSIDE WALLS OR ON EXTERIOR SIDE OF BUILDING INSULATION ENVELOPE.
 - G-17 WATER HAMMER ARRESTORS SHALL BE INSTALLED IN ALL WATER LINES WITH QUICK OPEN OR QUICK CLOSE VALVES.
- WATER HAMMER ARRESTOR SCHEDULE:
 TYPE A 1-11 FIXTURE UNITS
 TYPE B 12-32 FIXTURE UNITS
 TYPE C 33-60 FIXTURE UNITS
 TYPE D 61-113 FIXTURE UNITS

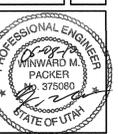


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PLUMBING GENERAL NOTES AND LEGEND



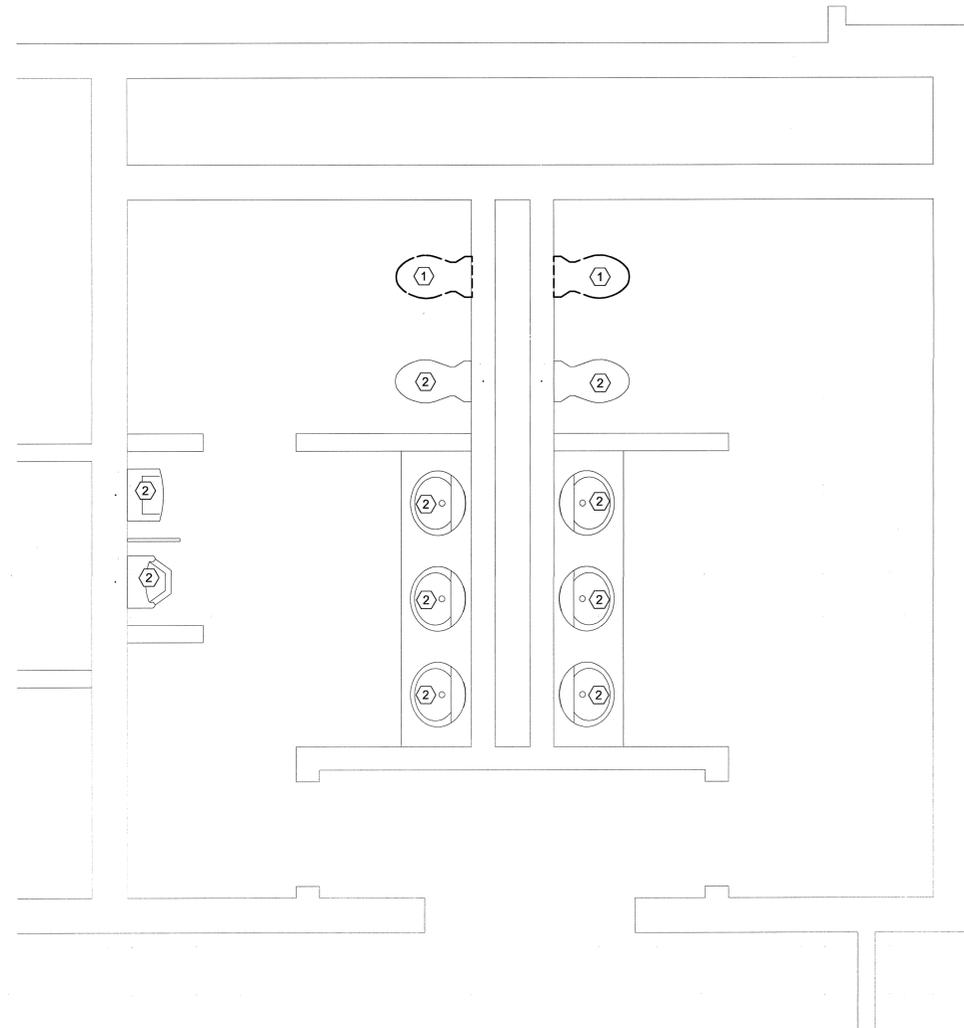
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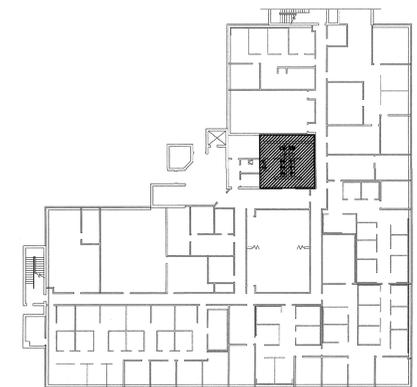
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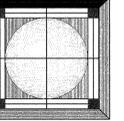
- SHEET NOTES:**
- ① REMOVE EXISTING WATER CLOSET AND ALL ASSOCIATED PLUMBING CONNECTIONS INCLUDING VENT, WATER SUPPLY, AND WASTE. PATCH AND REPAIR FLOOR AND WALLS TO MATCH EXISTING. PROTECT WATER CLOSET FOR REINSTALLATION. SEE PE SHEETS FOR DETAILS.
 - ② EXISTING FIXTURE SHALL REMAIN.



NORTH BLDG. UPPER LEVEL PLUMBING DEMOLITION FLOOR PLAN
 SCALE: 1/2" = 1'-0"
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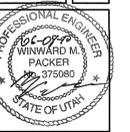


KEY PLAN



DEQ BUILDING REMODEL AND TENANT FINISH
168 NORTH 1950 WEST
SALT LAKE CITY, UTAH
NORTH BLDG. PLUMBING DEMOLITION PLAN

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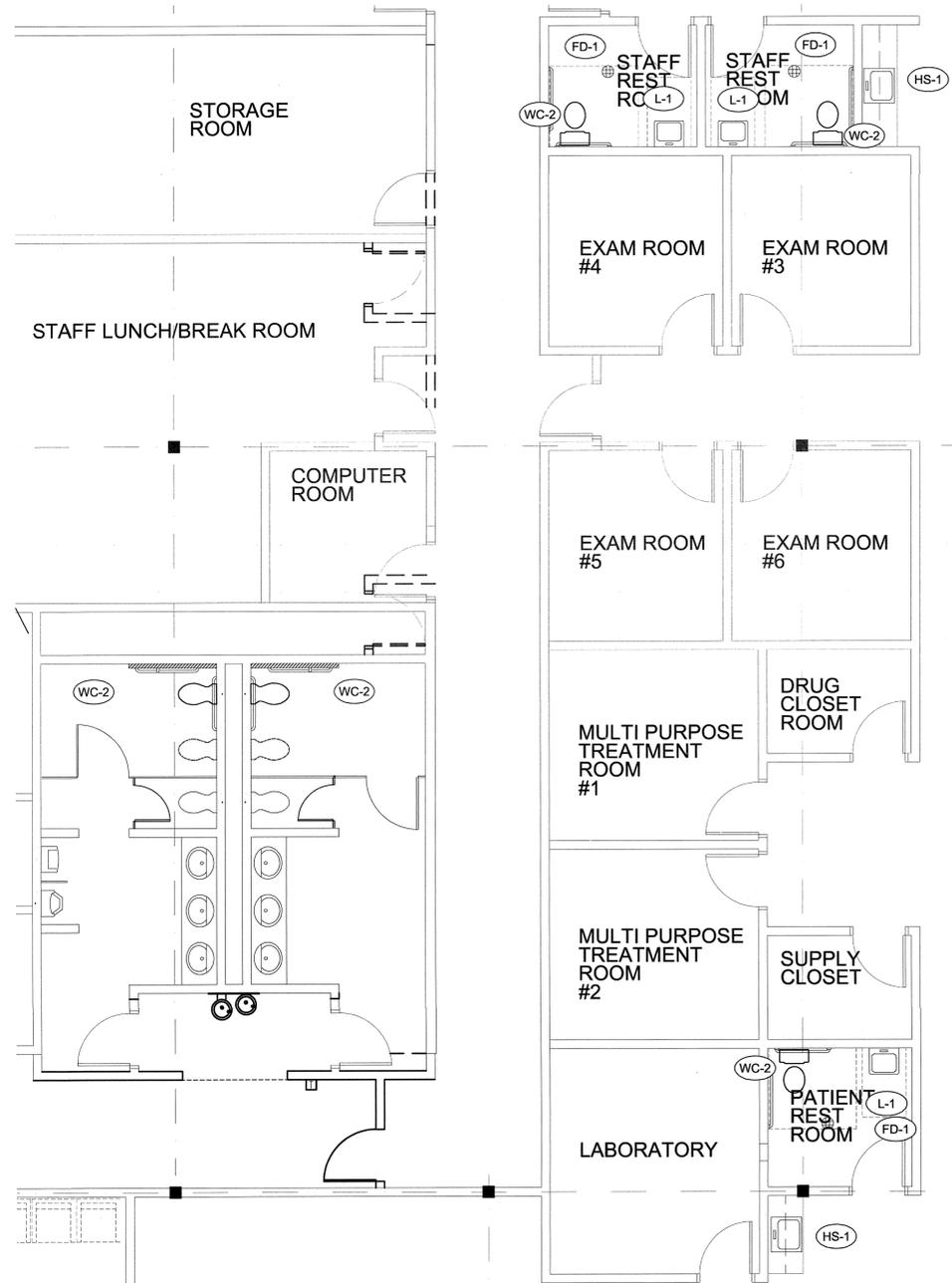
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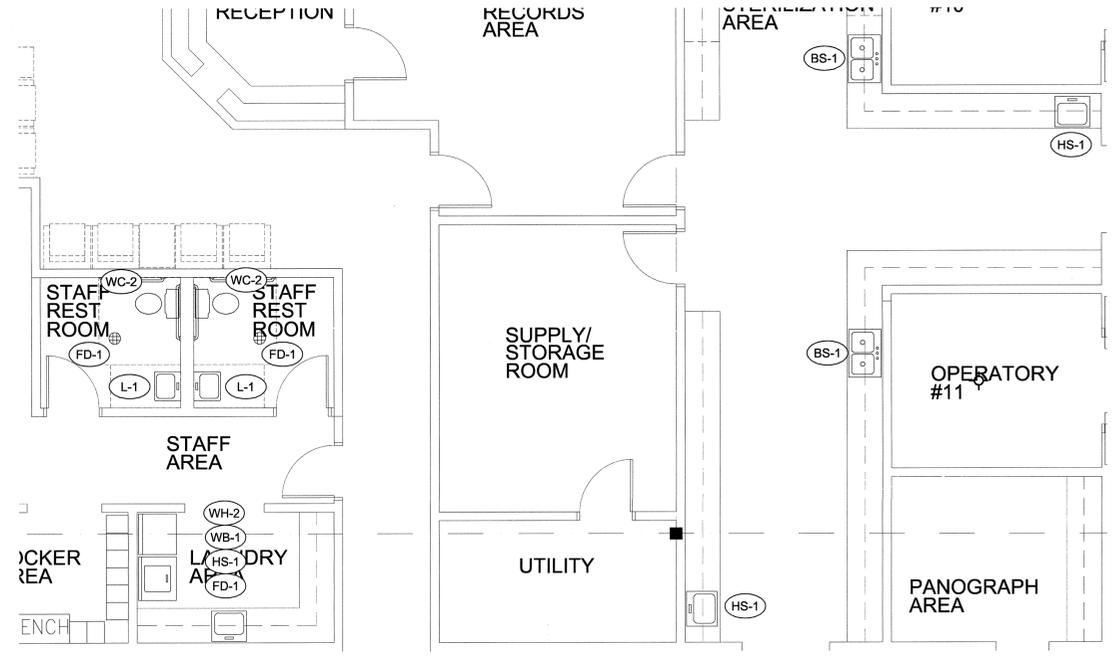
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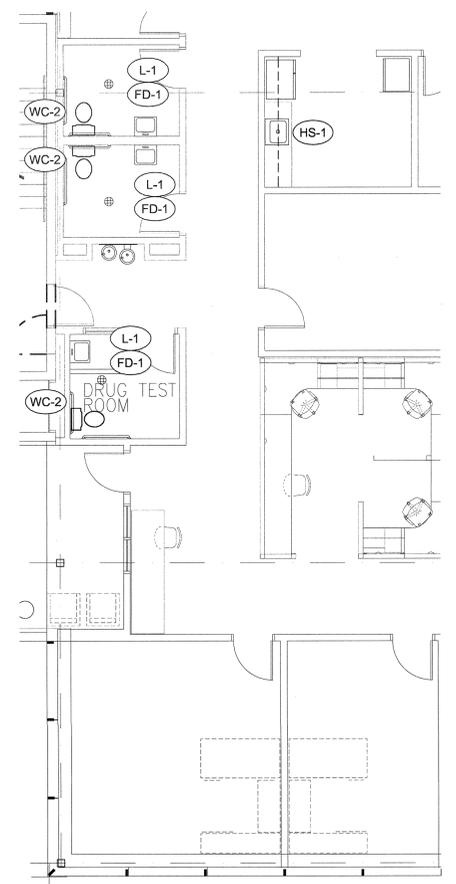
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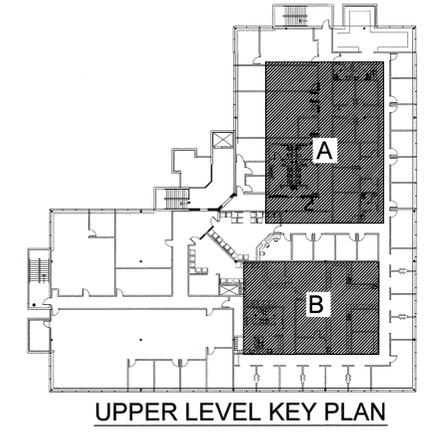
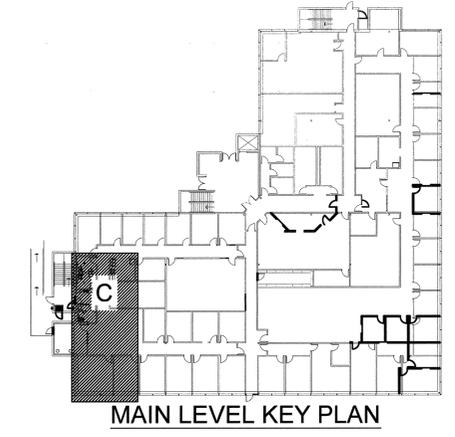
NORTH BLDG. PLUMBING REMODEL PLAN AREA "A"
 SCALE: 1/2" = 1'-0"



NORTH BLDG. PLUMBING REMODEL PLAN AREA "B"
 SCALE: 1/2" = 1'-0"



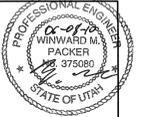
NORTH BLDG. PLUMBING REMODEL PLAN AREA "C"
 SCALE: 1/2" = 1'-0"



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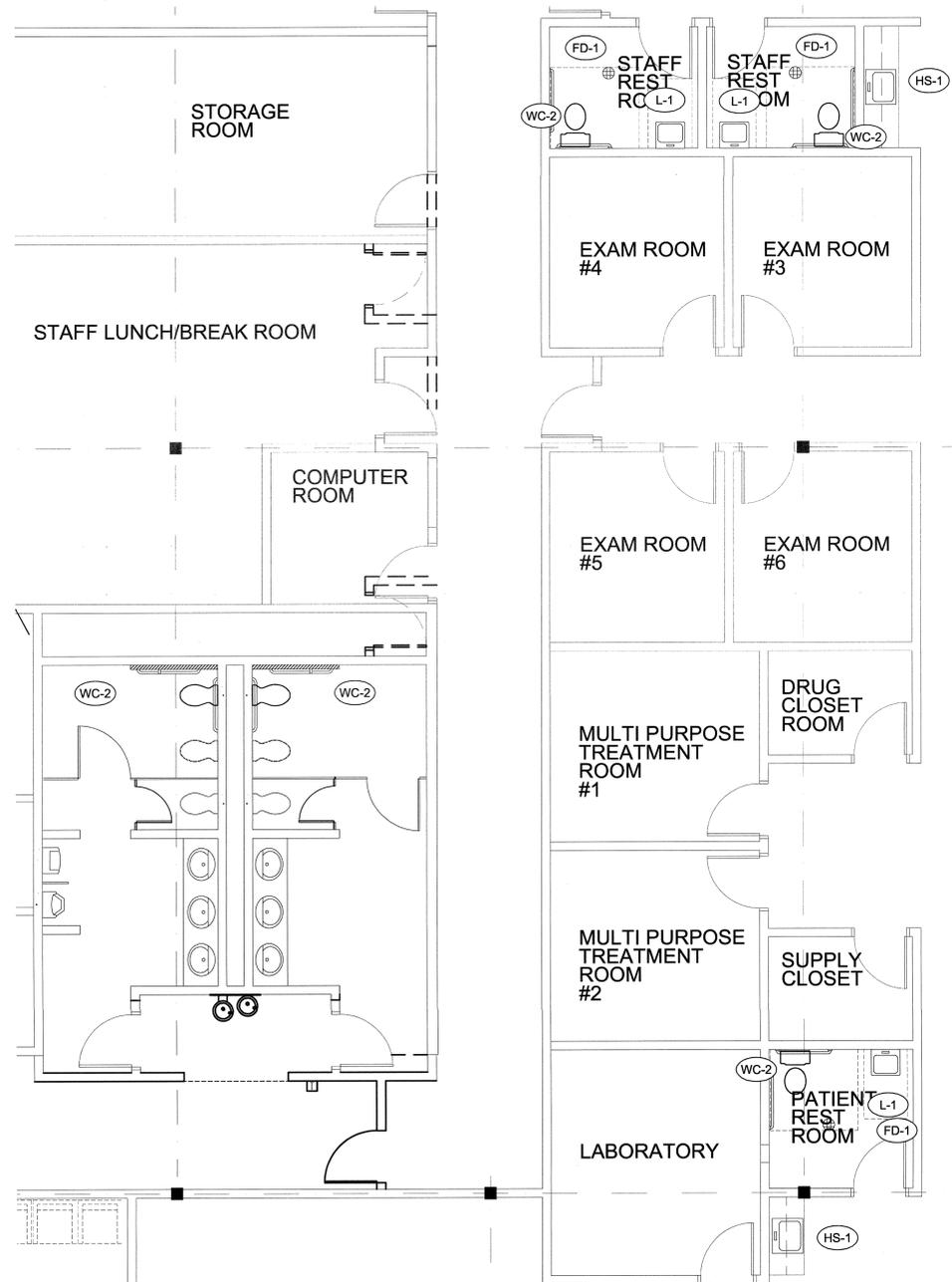
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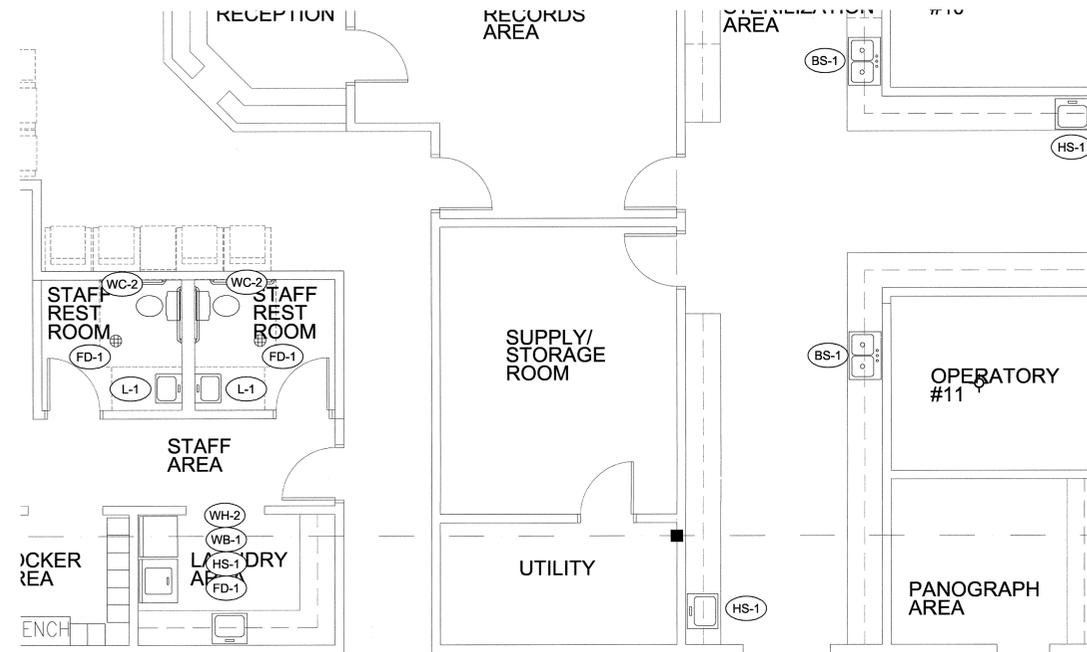
NORTH BLDG. PLUMBING WASTE AND VENT PLANS

SHEET NOTES:

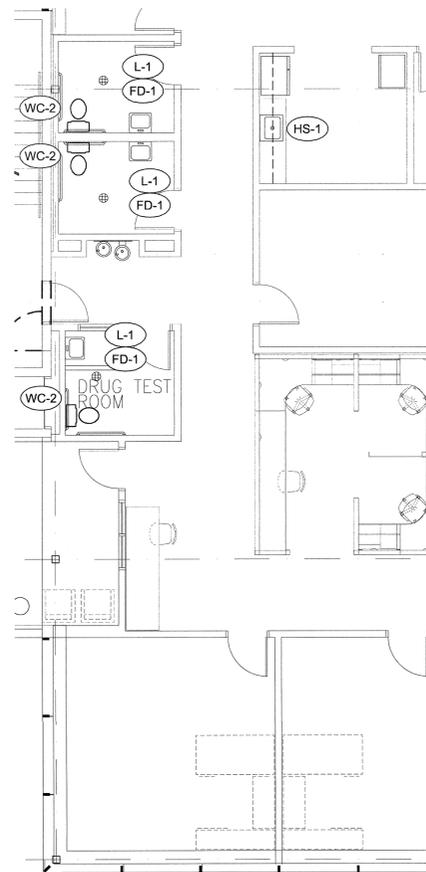
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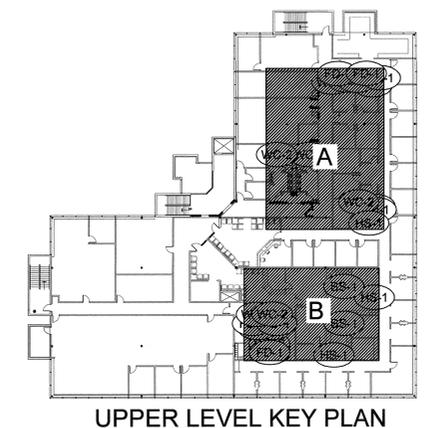
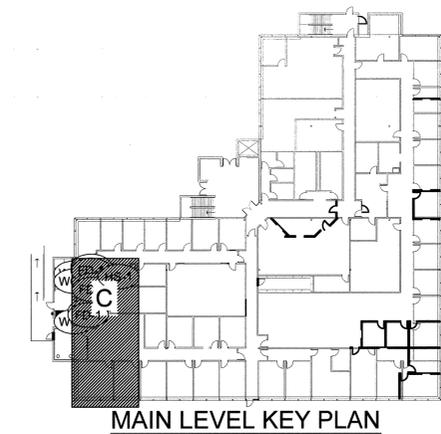
NORTH BLDG. PLUMBING REMODEL PLAN AREA "A"
 SCALE: 1/2" = 1'-0"



NORTH BLDG. PLUMBING REMODEL PLAN AREA "A"
 SCALE: 1/2" = 1'-0"



NORTH BLDG. PLUMBING REMODEL PLAN AREA "C"
 SCALE: 1/2" = 1'-0"



DEQ BUILDING REMODEL AND TENANT FINISH

168 NORTH 1950 WEST
 SALT LAKE CITY, UTAH

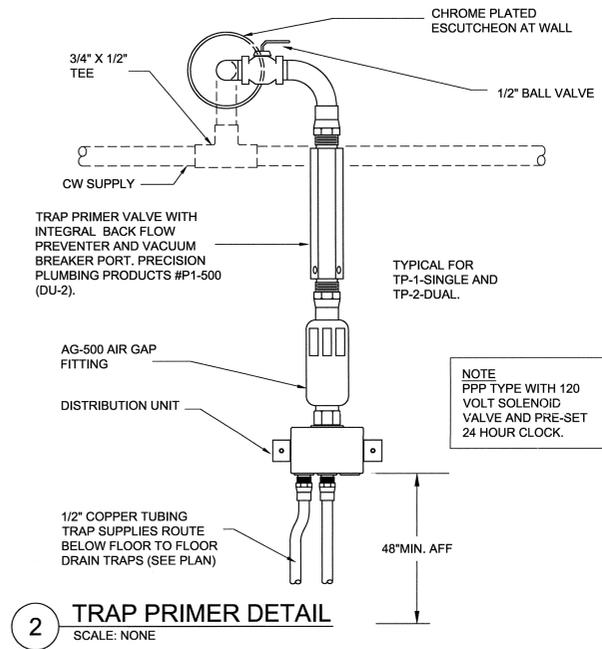
FRANK N. MURDOCK JR. Architect & Associates
 975 East 100, Suite 100, Salt Lake City, Utah 84102
 TEL: (801) 532-4441 FAX: (801) 532-4220



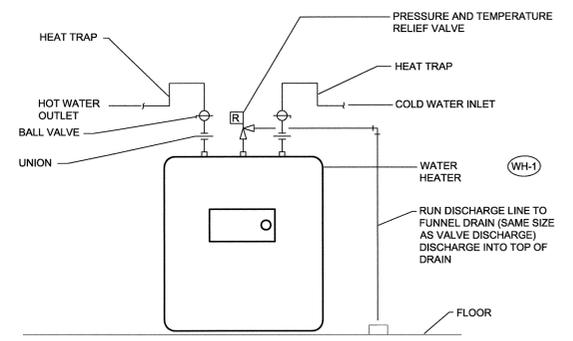
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 DATE: APRIL 2010

PE 102

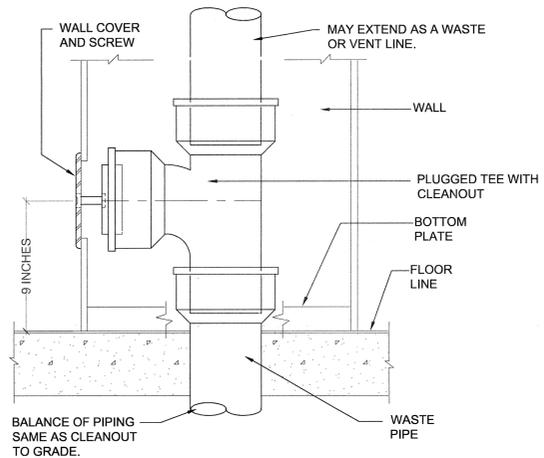
NORTH BLDG. PLUMBING DOMESTIC WATER PIPING PLANS



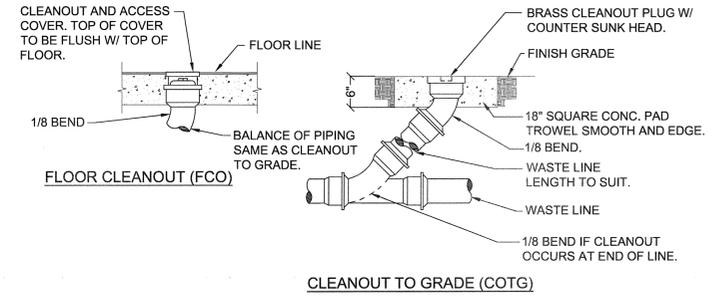
2 TRAP PRIMER DETAIL
SCALE: NONE



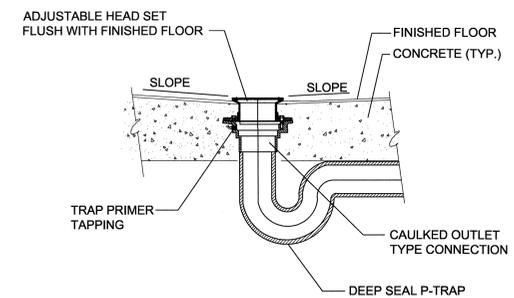
1 POINT OF USE ELECTRIC WATER HEATER DETAIL
SCALE: NONE



4 WALL CLEAN-OUT DETAIL
SCALE: NONE



3 CLEAN-OUT DETAILS
SCALE: NONE



5 FLOOR DRAIN DETAIL
SCALE: NONE

WORKFORCE SERVICES REDWOOD ELIGIBILITY CENTER
DEQ SOUTH BUILDING - REMODEL AND TENANT FINISH
168 N 1950 W, SALT LAKE CITY, UT

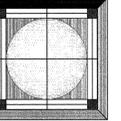
PLUMBING DETAILS

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REVISION # DATE:
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CONCEPT
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CHECKED BY: WP
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PE 501



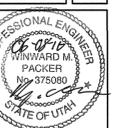
PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	INDIVIDUAL LINE SIZES					REMARKS
		TRAP	WASTE	VENT	COLD WATER	HOT WATER	
BS-1	BREAK SINK	1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	SINGLE COMPARTMENT PROVIDE WITH THERMOSTATIC AND PRESSURE MIXING VALVE
FD-1	FLOOR DRAIN	3"	3"	2"	-	-	PROVIDE WITH TRAP PRIMER
L-1	LAVATORY	1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	SELF SUPPORTING PROVIDE WITH THERMOSTATIC AND PRESSURE MIXING VALVE.
U-1	URINAL	3"	3"	2"	3/4"	-	WALL MOUNTED, FLUSH VALVE
WC-1	WATER CLOSET	INT	4"	2"	1"	-	WALL MOUNTED, FLUSH VALVE
WC-2	WATER CLOSET	INT	4"	2"	1"	-	WALL MOUNTED, FLUSH VALVE, ADA COMPLIANT

DEQ BUILDING REMODEL AND TENANT FINISH
 168 NORTH 1950 WEST
 SALT LAKE CITY, UTAH

PLUMBING SCHEDULES

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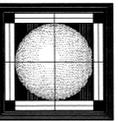


REVISION # DATE:

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CONST. DOC.
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 DRAWN BY: STAFF
 CHECKED BY: WP
 DATE: APRIL 2010

**PE
 601**



DEQ BUILDING REMODEL AND TENANT FINISH - NORTH BUILDING
 168 NORTH 1950 WEST
 SALT LAKE CITY, UTAH
 FRANK N. MURDOCK JR. Architect & Associates
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REVISION # DATE:

 DFCM PROJECT NO.: 10071.01
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 CHECKED BY: RKR
 DATE: JUNE 8, 2010

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ELECTRICAL SYMBOLS

ELECTRICAL WIRING			LIGHTING CONTROL			AUDIO / VIDEO		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	SYMBOL	DESCRIPTION	MOUNTING HEIGHT	SYMBOL	DESCRIPTION	MOUNTING HEIGHT
—	CROSS LINES INDICATE NUMBER OF CONDUCTORS GROUNDING CONDUCTORS NOT INCLUDED.	N/A	⊙	SINGLE POLE SWITCH	+48"	TV	TELEVISION OUTLET	AS NOTED
---	BRANCH CIRCUIT CONCEALED IN CEILING OR WALL	N/A	⊙	3-WAY SWITCH	+48"	V	VOLUME CONTROL	+48"
---	BRANCH CIRCUIT CONCEALED IN GROUND OR FLOOR	N/A	⊙	4-WAY SWITCH	+48"	S	SPEAKER	CEILING
A-1-2	BRANCH CIRCUIT HOMERUNS TO PANEL W/PANEL & CIRCUIT NUMBER DESIGNATIONS.	N/A	⊙	SWITCH WITH PILOT LIGHT	+48"	⊙	MICROPHONE JACK	+16"
—	CONDUIT RISER UP	N/A	⊙	DIMMER SWITCH	+48"	A	AUXILIARY JACK	+16"
—	CONDUIT RISER DOWN	N/A	⊙	KEYED SWITCH	+48"	⊙	INTERCOM STATION	+48"
—	CONDUIT SUB (CAP CONDUIT)	AS NOTED	⊙	TIMER SWITCH (SPRING MOUNT)	+48"	B	BELL	+84"
—	CABLE TRAY	AS NOTED	⊙	MANUAL STARTER WITH THERMAL OVERLOAD	AS NOTED	⊙	CHIME	+84"
—	BUS DUCT	AS NOTED	⊙	LOW VOLTAGE SWITCH	+48"	FIRE ALARM		
ELECTRICAL POWER			⊙	CONTROLLING SWITCH (LETTER INDICATES CONTROL CIRCUIT)	+48"	⊙	FIRE ALARM MANUAL CALL STATION	SEE DETAIL
⊙	JUNCTION BOX	AS NOTED	⊙	SINGLE POLE SWITCH/OCCUPANCY SENSOR COMBINATION MANUAL (ON/AUTO OFF) (WALL MOUNTED) DUAL TECHNOLOGY	+48"	⊙	FIRE ALARM HORN/STROBE	SEE DETAIL
⊙	DUPLEX RECEPTACLE	+16"	⊙	OCCUPANCY SENSOR DUAL TECHNOLOGY	CEILING	⊙	FIRE ALARM HORN/STROBE WITH GUARD	SEE DETAIL
⊙	QUAD RECEPTACLE	+16"	⊙	TIMER SWITCH	+60"	⊙	FIRE ALARM HORN/STROBE WATERPROOF	SEE DETAIL
⊙	SPLIT WIRED DUPLEX RECEPTACLE	+16"	⊙	LIGHTING CONTACTOR	+60"	⊙	FIRE ALARM STROBE	SEE DETAIL
⊙	DUPLEX RECEPTACLE WEATHERPROOF AND GFCI	+16"	⊙	PHOTOCELL	AS NOTED	⊙	SMOKE DETECTOR	CEILING
⊙	DUPLEX RECEPTACLE OUTLET WITH GROUND FAULT CIRCUIT INTERRUPTION PROTECTION	+16"	⊙	FLUORESCENT FIXTURE (TYPICAL)	CEILING	⊙	SMOKE DETECTOR BATTERY-BACKED	CEILING
⊙	RECEPTACLE ELECTRIC WATER COOLER (EWC) WITH GROUND FAULT CIRCUIT INTERRUPTION PROTECTION	+16"	⊙	FLUORESCENT EMERGENCY FIXTURE (TYPICAL)	CEILING	⊙	SMOKE DETECTOR (ELEVATOR REGALL)	CEILING
⊙	EQUIPMENT RECEPTACLE	+16"	⊙	SURFACE MOUNTED FIXTURE	CEILING	⊙	HEAT DETECTOR	CEILING
⊙	SPECIAL PURPOSE RECEPTACLE	FLOOR	⊙	RECESSED FIXTURE	CEILING	⊙	GAS DETECTOR	+16"
⊙	DUPLEX RECEPTACLE FLOOR	FLOOR	⊙	WALL MOUNTED FIXTURE	AS NOTED	⊙	DOOR HOLDER	AS NOTED
⊙	QUAD RECEPTACLE FLOOR	FLOOR	⊙	WALL MOUNTED EMERGENCY EGRESS FIXTURE	AS NOTED	⊙	PRESSURE SWITCH	AS NOTED
⊙	POWER/TELEPHONE POLE	FLOOR	⊙	FLUORESCENT STRIP	CEILING	⊙	FIRE ALARM FLOW SWITCH	AS NOTED
⊙	SNOW MELT CABLE	+48"	⊙	TRACK LIGHTING	CEILING	⊙	FIRE ALARM TAMPER SWITCH	AS NOTED
ELECTRICAL CONNECTIONS			⊙	EMERGENCY LIGHTING UNIT	+84"	⊙	FIRE ALARM FIREFIGHTER PHONE	+48"
⊙	NON-FUSED DISCONNECT SWITCH	TOP AT 6'-0"	⊙	FIXTURE TYPE SYMBOL (ATTACHED TO FIXTURE SYMBOL)	N/A	⊙	CONTROL MODULE	AS NOTED
⊙	FUSED DISCONNECT SWITCH	TOP AT 6'-0"	⊙	POST TOP AREA LIGHT POLE 4 FIXTURE	AS NOTED	⊙	MONITOR MODULE	AS NOTED
⊙	MOTOR STARTER/DISCONNECT SWITCH COMBINATION NON-FUSED	TOP AT 6'-0"	⊙	AREA LIGHT POLE AND FIXTURE (HEAD QTY AS SHOWN ON PLAN)	AS NOTED	⊙	FIRE/SMOKE DAMPER	AS NOTED
⊙	MOTOR STARTER/DISCONNECT SWITCH COMBINATION FUSED	TOP AT 6'-0"	⊙	BOLLARD FIXTURE	GROUND	⊙	FIRE ALARM RELAY	AS NOTED
⊙	MOTOR STARTER ONLY	TOP AT 6'-0"	⊙	FLOOD OR SPOT FIXTURE	AS NOTED	⊙	FIRE ALARM GENERATOR ANNUNCIATOR	TOP AT 6'-0"
⊙	VARIABLE FREQUENCY DRIVE	+16"	⊙	WALL MOUNTED EXIT LIGHT (SINGLE FACE)	+84"	⊙	FIRE ALARM TRANSMISSION (MONITORING) DEVICE	AS NOTED
⊙	MOTOR CONNECTION	AS NOTED	⊙	WALL MOUNTED EXIT LIGHT (DOUBLE FACE)	+84"	⊙	FIRE ALARM CONTROL PANEL	TOP AT 6'-0"
ELECTRICAL DISTRIBUTION			⊙	CEILING MOUNTED EXIT LIGHT (SINGLE FACE)	CEILING	⊙	FIRE ALARM REMOTE ANNUNCIATOR PANEL	TOP AT 6'-0"
⊙	TELEPHONE COMPANY PEDESTAL	AS NOTED	⊙	CEILING MOUNTED EXIT LIGHT (DOUBLE FACE)	CEILING	SECURITY		
⊙	POWER COMPANY GROUND SLEEVE	AS NOTED	⊙	TELECOMMUNICATIONS	⊙	⊙	SECURITY SYSTEM DOOR CONTACT	DOOR JAMB
⊙	POWER COMPANY SITE TRANSFORMER	AS NOTED	⊙	TELEPHONE OUTLET	+16"	⊙	SECURITY SYSTEM OVERHEAD DOOR CONTACT	AS NOTED
⊙	HIGH VOLTAGE (277/480 VOLTS) PANELBOARD	TOP AT 6'-0"	⊙	COMPUTER DATA OUTLET	+16"	⊙	SECURITY SYSTEM KEYPAD ARM/DISARM	+48"
⊙	LOW VOLTAGE (120/208 VOLTS) PANELBOARD	TOP AT 6'-0"	⊙	VOICE / DATA OUTLET	+16"	⊙	SECURITY SYSTEM DOOR ELECTRIC STRIKE	AS NOTED
⊙	DRY TYPE TRANSFORMER	AS NOTED	⊙	TELEPHONE OUTLET FLOOR	FLOOR	⊙	SECURITY SYSTEM MAGNETIC DOOR LOCK	AS NOTED
⊙	DISTRIBUTION SWITCHBOARD	AS NOTED	⊙	COMPUTER DATA OUTLET FLOOR	FLOOR	⊙	REQUEST TO EXIT MOTION DETECTOR	AS NOTED
⊙	TELEPHONE AND/OR DATA TERMINAL BOARD	AS NOTED	⊙	NETWORK AND VOICE OUTLET FLOOR	FLOOR	⊙	SECURITY SYSTEM AREA MOTION SENSOR	AS NOTED
ELECTRICAL DEVICES			⊙	REFERENCE SYMBOLS	⊙	⊙	SECURITY SYSTEM GLASS BREAK SENSOR	AS NOTED
⊙	FUSHBUTTON	+48"	⊙	FEEDER TAG (ONE LINE DIAGRAM)	N/A	⊙	SECURITY SYSTEM CARD READER	+48"
⊙	STOP/START STATION	+48"	⊙	REVISION TAG INDICATOR	N/A	⊙	SECURITY SYSTEM DOOR ACCESS KEYPAD	+48"
⊙	'EMERGENCY POWER OFF' MUSHROOM TYPE BUTON	+48"	⊙	DETAIL INDICATOR: TOP DETAIL IDENTIFICATION BOTTOM INDICATES SHEET WHERE DETAIL IS LOCATED.	N/A	⊙	SECURITY SYSTEM CCTV CAMERA	AS NOTED
⊙	LINE VOLTAGE THERMOSTAT	+48"	⊙	MECHANICAL EQUIPMENT SYMBOL	N/A	⊙	DIGITAL VIDEO RECORDER	AS NOTED
⊙	CLOCK	AS NOTED	⊙	KEYED NOTE REFERENCE	N/A	⊙	SECURITY SYSTEM CCTV MONITOR	AS NOTED
⊙	NURSE CALL BED/BATH STATION	+48"	⊙	SECURITY SYSTEM PANEL	TOP AT 6'-0"	⊙	POWER SUPPLY LOW VOLTAGE	AS NOTED
⊙	NURSE CALL LIGHT	+84"						
⊙	NURSE CALL STATION PANEL	TOP AT 6'-0"						

ABBREVIATIONS

AF	ABOVE FINISHED FLOOR	EW	ELECTRIC WATER COOLER	NI	NOT IN CONTRACT
AP	ARC FAULT PROTECTOR	EH	ELECTRIC WATER HEATER	NC	NOT IN CONTRACT
AC	AMP INTERRUPTING CURRENT (ASYMMETRICAL)	(A)	FUTURE	NL	NIGHT LIGHT
AL	ALUMINUM	FA	FIRE ALARM	OCI	OWNER FURNISHED CONTRACTOR INSTALLED
BS	BELOW GRADE	FLA	FULL LOAD AMPS	OIC	OWNER FURNISHED OWNER INSTALLED
C	CONDUIT	GFI	GROUND FAULT INTERRUPTER	PN	PANEL
CFI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	GFP	GROUND FAULT PROTECTOR	RL	RELOCATE
CKT	CIRCUIT	GRC	GALVANIZED RIGID CONDUIT	TSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
CO	CONDUIT ONLY	GRD	GROUND	TP	TYPICAL
CU	COPPER	IG	ISOLATED GROUND	UNO	UNLESS NOTED OTHERWISE
CM	COMPLETE WITH	MCB	MAIN CIRCUIT BREAKER	WP	WEATHER PROOF
E	EMERGENCY	MCC	MOTOR CONTROL CENTER	XD	DEMOLISH/DELETE
EX	EXISTING	HM	HANDHOLE	XFR	TRANSFER
EPD	EMERGENCY POWER OFF	HLD	MAIN LINES ONLY		

* THIS IS A TYPICAL ABBREVIATION LIST. NOT ALL ABBREVIATIONS ARE USED ON THIS PROJECT.

GENERAL NOTES:

- THE ELECTRICAL CONTRACTOR SHALL REVIEW AND COORDINATE WITH ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING AND OTHER DRAWINGS PRIOR TO BID.
- SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH THE SPECIFICATIONS BOUND IN A STANDARD OF QUALITY. MANUFACTURER CATALOG NUMBERS ARE LISTED AS A BASIS OF DESIGN. ELECTRICAL CONTRACTOR SHALL SUBMIT PRODUCT INFORMATION THAT DEVIATES FROM ORIGINAL DESIGN INTENT AND SPECIFICATION.
- IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO ESTABLISH A STANDARD OF QUALITY. MANUFACTURER CATALOG NUMBERS ARE LISTED AS A BASIS OF DESIGN. ELECTRICAL CONTRACTOR SHALL SUBMIT PRODUCT INFORMATION THAT DEVIATES FROM ORIGINAL DESIGN INTENT AND SPECIFICATION.
- CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY BUILDING PERMITS AND INSPECTION FEES.
- ALL IMPACT FEES ASSOCIATED WITH CITY UTILITY OR SERVICE COMPANIES BE BUT NOT LIMITED TO POWER, TELEPHONE, FIBER OPTIC & INTERNET SHALL BE THE RESPONSIBILITY OF THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE GENERAL CONTRACTOR TO PROVIDE AND INSTALL TEMPORARY POWER FOR PROJECT CONSTRUCTION AS REQUIRED. ALL TEMPORARY COSTS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE MECHANICAL CONTRACTOR SUCH THAT NO DUCTS, PIPING, OR EQUIPMENT FOREIGN TO THE OPERATION OF THE ELECTRICAL EQUIPMENT SHALL BE REQUIRED TO BE INSTALLED IN ENTER OR PASS THROUGH ELECTRICAL ROOMS OR SPACES OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN OTHER AREAS. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE MOST RECENT VERSION OF THE NATIONAL ELECTRICAL CODE REGARDING CLEARANCES REQUIRED AROUND THE PANELBOARDS.
- DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS IN FIELD PRIOR TO MAKING ANY ROUGH-IN.
- ELECTRICAL CONTRACTOR SHALL REVIEW ALL ARCHITECT'S ELEVATIONS, SECTIONS AND FLOOR PLANS PRIOR TO ROUGH IN OF ELECTRICAL DEVICE JUNCTION BOXES.
- CONSULT ARCHITECT'S REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF LIGHTING FIXTURES, SPEAKERS, SMOKE DETECTORS ETC.
- ELECTRICAL CONTRACTOR SHALL MEET WITH THE CEILING AND MECHANICAL CONTRACTORS TO COORDINATE LOCATIONS, CLEARANCES, CEILING TYPES AND ROUGH-IN REQUIREMENTS OF ALL LIGHTING FIXTURES PRIOR TO DUCT, PIPING AND CEILING INSTALLATIONS.
- VERIFY EXACT LOCATION OF EQUIPMENT TO BE FURNISHED BY OTHERS PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH-IN. CONSULT CONTRACT DOCUMENT DRAWINGS AND SHOP DRAWINGS TO VERIFY AND CORRECT ANY REQUIRED CLEARANCES.
- ELECTRICAL ROOM DRAWINGS ARE FOR REFERENCE ONLY OF EQUIPMENT QUANTITIES. ELECTRICAL CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ELECTRICAL ROOM SHOWING DIMENSIONS AND CLEARANCES OF ALL EQUIPMENT AND ELECTRICAL GEAR PROVIDED. COORDINATE LAYOUT WITH OTHER TRADES.
- CONTRACTOR SHALL VERIFY ACTUAL ELECTRICAL LOADS FROM NAMEPLATE RATINGS OF EACH PIECE OF EQUIPMENT REQUIRING POWER. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE PROJECT ENGINEER.
- WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER, PER INDUSTRY STANDARD AND TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
- WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITIONS OF LOCAL, STATE AND NATIONAL CODES, STANDARDS AND ORDINANCES.
- FINAL CONNECTIONS TO EQUIPMENT SHALL BE MADE AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS AND APPROVED WIRING DIAGRAMS AND DETAILS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL MATERIALS AND EQUIPMENT COMPATIBLE WITH THE EQUIPMENT SUPPLIERS.
- ALL EMPTY RACEWAY SYSTEMS SHALL HAVE A 200LB RATED PULL CORD INSTALLED AND SHALL BE IDENTIFIED AT EACH JUNCTION, PULL AND TERMINATION POINT USING PERMANENT MARKER IN THE BOX. ID SHALL INDICATE INTENDED USE OF CONDUIT OR RACEWAY AND TERMINATION POINTS OF EACH INDIVIDUAL CONDUIT.
- ALL PENETRATIONS OF FIRE RATED FLOORS, CEILING AND WALLS SHALL BE SEALED WITH LISTED AND RATED FIRE STOP MATERIAL TO MAINTAIN FIRE RATINGS OF ASSEMBLY.
- ELECTRICAL BOXES SHALL NOT BE LOCATED IN MASONRY OR CONCRETE COLUMNS, BOND BEAMS OR GROUTED CELLS OF MASONRY WALLS ADJACENT TO OPENINGS WITHOUT COORDINATION WITH THE MASONRY CONTRACTOR.
- WIRE FOR GENERAL USE SHALL BE COPPER THIN & RATED. WIRING FOR HID FIXTURES WITHIN 3' OF FLUORESCENT BALLAST SHALL BE COPPER, MINIMUM 90% C RATED. CONDUCTOR SIZES INDICATED ARE FOR INSTALLATION IN A MAXIMUM 30% C AMBIENT TEMPERATURE ENVIRONMENT. CONDUCTOR AMPACITY SHALL BE DERATED FOR HIGHER AMBIENT INSTALLATIONS.
- CONDUCTORS HAVE BEEN SIZED FOR VOLTAGE DROP AS PER PLANS AND DIRECT ROUTING. ANY DEVIATION IN CONDUIT ROUTING MAY INCREASE THE WIRE AND CONDUIT SIZE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO INSURE PROPER OPERATING VOLTAGE ON ALL CIRCUITS BOTH INTERIOR AND EXTERIOR. THE VOLTAGE DROP SHALL NOT EXCEED 3% FOR BRANCH CIRCUITS AND 2% FOR FEEDERS FOR A TOTAL OF 5% COMBINED TOGETHER OF BRANCH AND FEEDER CIRCUITS TO THE FARTHEST OUTLET.
- ALL WIRING SHALL BE ENCLOSED IN METAL RACEWAYS. ALL RECEPTACLES, LIGHTING FIXTURES, ETC. SHALL HAVE A SEPARATE INSULATED GROUNDING CONDUCTOR FROM EACH DEVICE TO THE BRANCH PANEL.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL UTILITY METERING EQUIPMENT TO COMPLY WITH THE STANDARDS OF THE LOCAL OR PROJECT SPECIFIC POWER COMPANY.
- VERIFY EXACT LOCATIONS OF ALL NEW AND EXISTING UNDERGROUND SITE UTILITIES, PIPING AND RACEWAY SYSTEMS PRIOR TO TRENCHING. A UTILITY LOCATING COMPANY SUCH AS BULLS EYE OR EQUAL SHALL BE USED TO VERIFY AND MARK UTILITIES BEFORE TRENCHING. PROVIDE NECESSARY TRENCHING BACKFILL, EXCAVATION SUPPORTS, SERVICE FEEDERS (CONDUIT AND/OR WIRE), PULL BOXES, TRANSFORMER PADS, SAW CUTTING AND PATCHING, CONCRETE PAVING ETC. REQUIRED. BACKFILL TRENCHES TO 90% COMPACTION. PATCHING SHALL MATCH EXISTING SURROUNDING SURFACES. CONTRACTOR SHALL OBTAIN AND VERIFY UTILITY COMPANY DRAWINGS AND REQUIREMENTS FOR ALL SITE UTILITIES. ELECTRICAL CONTRACTOR SHALL ALSO COORDINATE ELECTRICAL RELATED UTILITIES WITH THE CIVIL, MECHANICAL, AND SITE EXCAVATION CONTRACTORS.
- FULLBOXES, CABINETS, ETC. MOUNTED ON THE EXTERIOR OF THE BUILDING SHALL BE WEATHERPROOF TYPE WITH HINGED GASKETED LOCKABLE COVERS SECURED WITH TAMPERPROOF SCREWS.
- SPLICES IN EXTERIOR FULLBOXES AND MANHOLES SHALL BE MADE WATERPROOF USING 'ICODCAST' SPlice KIT OR APPROVED EQUAL. SEAL ENDS OF CONDUITS AND DUCTS ENTERING BOXES WITH 'DUCTSEAL' OR EQUAL.
- ELECTRICAL CONTRACTOR SHALL TEST AND VERIFY ALL SYSTEMS WITH PROJECT ENGINEER DURING FINAL INSPECTION TO INSURE PROPER OPERATION. IF TESTS RESULT IN DEFECTS THE CONTRACTOR SHALL MAKE ANY CORRECTIONS NECESSARY AT NO ADDITIONAL COSTS TO THE OWNER.
- PROVIDE RECORD DRAWINGS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL GUARANTEE THE INSTALLATION AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP WHICH MAY OCCUR UNDER NORMAL USAGE FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION. DEFECTS SHALL BE PROMPTLY CORRECTED.
- ALL CABLES AND RACEWAYS INSTALLED UNDER METAL CORRUGATED ROOF DECK SHALL BE INSTALLED AND SUPPORTED NOT LESS THAN 1/2" FROM THE NEAREST SURFACE OF THE ROOF DECKING IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE ARTICLE 300-4(B).

LIGHTING CONTROL PANEL NOTES:

- SYSTEM DESCRIPTION FOR LIGHTING INTEGRATOR PANEL SYSTEM WITH AUTOMATION CARD (NON-PC CONTROL)
- THE LIGHTING CONTROL SYSTEM SHALL CONSIST OF ANY OF THE FOLLOWING COMPONENTS: RELAY PANELS, DATALINE WIRING, SWITCHES, SENSORS AND REMOTE OVERRIDE DEVICES. ALL EQUIPMENT TO BE UL/ULC CERTIFIED TO MEET UL 486.
- THE RELAY PANELS SHALL BE SUITABLE FOR MOUNTING IN ELECTRICAL CLOSETS AND MOUNTED IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES. THE RELAYS WILL CONTROL INDIVIDUAL CIRCUITS OR BRANCH CIRCUITS AS INDICATED IN THE RELAY PANEL SCHEDULES. ALL POWER WIRING WILL BE IDENTIFIED AT THE RELAY BY ITS CONTROLLING CIRCUIT BREAKER AND BRANCH LETTER.
- LOW VOLTAGE SWITCHES, OCCUPANCY SENSORS AND/OR PHOTOCELLS SHALL BE MOUNTED IN THE SPACES AS INDICATED ON THE REFLECTED CEILING PLANS. LOW VOLTAGE WIRING FROM THE SWITCHES AND SENSORS TO THE RELAY PANEL SHALL BE CLASS 2 OR CLASS 2P (PLENUM RATED) AS REQUIRED BY THE NATIONAL ELECTRICAL CODE AND LOCAL STANDARDS. USE ONLY PROPERLY COLOR-CODED, STRANDED #20 AWG (OR LARGER) WIRE AS INDICATED ON THE DRAWINGS.
- PANEL COMPONENTS TO INCLUDE: ENCLOSURE AND COVER, POWER SUPPLY, AND PANEL INTERIOR ASSEMBLY WITH MOTHERBOARD, AND CONTROL ELECTRONICS. PANELS ARE TO BE SHIPPED FULLY ASSEMBLED YET DESIGNED FOR DISASSEMBLY FOR MOUNTING THE ENCLOSURE FIRST, AND REASSEMBLY AFTER CONDUIT ROUGH-IN. THE PANEL SHALL INCLUDE VISUAL LED STATUS AND MANUAL OVERRIDE FOR EACH RELAY. TERMINALS FOR EACH RELAY FOR DIRECT-WIRED DEVICES SUCH AS SENSORS AND SWITCHES, SYSTEM DATALINE TERMINALS, AND PROGRAMMABLE SYSTEM SWITCHES.
- EACH RELAY PANEL SHALL USE 30A BALLAST RATED 100/277VAC, MECHANICALLY LATCHING RELAYS AS REQUIRED. RELAYS SHALL HAVE A MINIMUM 10000 AMP SHORT CIRCUIT CURRENT RATING. ELECTRICALLY HELD RELAYS WILL NOT BE ACCEPTABLE. PANELS SHALL BE SIZED TO MAXIMUM 24 OR 48 RELAYS. EACH RELAY SHALL PROVIDE PILOT OUTPUT CONTACTS, RATED AT 1AMP5 AC/DC.
- AN OPTIONAL GROUP SWITCHING (GS) CARD SHALL BE PROVIDED FOR CONTROLLING 8 GROUPS OF LIGHTING. PLUS PATTERN CONTROL FOR EACH GROUP. EACH GS CARD SHALL PROVIDE 8 TERMINALS FOR CONNECTION TO DIRECT WIRED SWITCHES, OVERRIDE DEVICES AND OCCUPANCY SENSORS. EACH GROUP SHALL HAVE AN LED ASSOCIATED TO INDICATE ITS STATUS AND A MANUAL OVERRIDE PUSHBUTTON.
- PANEL INTELLIGENCE CARD FOR AUTOMATION FUNCTIONS SHALL BE PROVIDED VIA A PLUG-IN CARD SLOT ON THE PANEL MOTHERBOARD. THE INTELLIGENCE BOARD SHALL BE A DISTRIBUTED INTELLIGENCE COMPONENT, CAPABLE OF EXECUTING ALL SCHEDULES, PROGRAMMABLE SWITCHES, AND OCCUPANT OVERRIDES WITHOUT RELYING ON ANY OTHER COMPONENT IN THE SYSTEM.

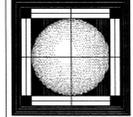
AUTOMATION INTELLIGENCE CARD SHALL SPORT TWO DATALINE COMMUNICATIONS PORTS FOR PROGRAMMING, MONITORING, AND CONTROL, AND THE OTHER PORT FOR CONNECTION TO DIGITAL SIGNALING DATALINE SWITCHES. THE DATALINE SHALL ALLOW COMMUNICATIONS OVER UNSHIELDED TWISTED PAIR WIRING FOR NETWORKING UP TO 10 PANELS AND FOR DISTANCES UP TO 500 FEET BETWEEN PANELS, AND FOR CONNECTING UP TO 63 DATALINE SWITCHES PER PANEL.

THE AUTOMATION INTELLIGENCE CARD SHALL PROVIDE CONNECTION TO OPTIONAL MODULES THAT PROVIDE CLOCK SCHEDULING, OR TO A BUILDING MANAGEMENT SYSTEM VIA DRY CONTACTS, OR A TELEPHONE CONTROL MODULE, OR A PHOTOSENSOR CONTROL MODULE FOR EXTERIOR LIGHTING CONTROL.
- A PROGRAMMABLE NETWORK CLOCK WITH AN 8 LINE LCD DISPLAY SHALL BE INSTALLED IN THE PANEL. THE CLOCK SHALL PROVIDE MENU DRIVEN CONTROL FOR 8 DIFFERENT LIGHTING GROUPS WITH 1 DAY REPEATING SCHEDULES AND PROVISION FOR HOLIDAYS. THE CLOCK SHALL PROVIDE USER SELECTABLE PRE-PROGRAMMED SCENARIOS FOR: SCHEDULED ON/OFF, MANUAL ON, SCHEDULED OFF, MANUAL ON SLEEP WITH AUTOMATIC CONTROL, SWITCH, ASTRO ON/OFF, ASTRO ON/SCHEDULED OFF, AND DARK ON/OFF WHEN USED WITH THE PHOTOSENSOR CONTROL MODULE.
- AN PHOTOSENSOR CONTROL (PC) MODULE WITH COMPATIBLE OUTDOOR PHOTOCELL SHALL BE PROVIDED FOR EXTERIOR LIGHTING CONTROL. THE PC MODULE SHALL PROVIDE 8 AUTOMATION CHANNELS WITH USER PROGRAMMABLE SET POINTS FOR EACH CHANNEL. THE PROGRAMMABLE RANGE FOR EACH CHANNEL SHALL BE 0-100 FOOTCANDLES. A TWO-LINE LCD WINDOW SHALL DISPLAY REAL-TIME LIGHT LEVELS FOR EACH CHANNEL AND USER PROGRAMMED SETPOINTS.
- RELAY PANELS WILL BE CAPABLE OF FOLLOWING STANDARD FEATURES: SCHEDULED ON/OFF, ASTRONOMICAL TIME OF DAY, BLINK HANNING, TRUE AFTER HOURS THE DELAY, JANITOR SCENARIO SWITCHES, TELEPHONE OVERRIDES, PULSE ON/OFF.
- COLOR CODED WIRE SHALL BE PROVIDED FOR NETWORKING PANELS TOGETHER AND FOR CONNECTION TO DIGITAL SIGNALING DATALINE SWITCHES.
- WIRE CONNECTING PANELS TOGETHER SHALL BE DUAL 18/2 TWISTED PAIR UNSHIELDED, DATALINE WIRE (4 CONDUCTOR) TO PROVIDE A HIGH-SPEED COMMUNICATIONS PATH. DATALINE CAN BE RUN IN ANY CONVENIENT TOPOLOGY SERIES AS BENEFITS THE INSTALLATION. IE: T-TAP, STAR, OR LOOP. USE ONE PAIR ONLY FOR NETWORKING PANELS TOGETHER. WIRE SHALL BE THE WATT STOPPER HDLM DATALINE WIRE. USE ONE PAIR FOR CONNECTING PANELS TOGETHER. USE PLENUM RATED WIRE WHEN APPLICABLE.
- WIRE CONNECTING DIGITAL SIGNALING DATALINE SWITCHES TO PANELS SHALL BE DUAL 18/2 TWISTED PAIR UNSHIELDED, DATALINE WIRE (4 CONDUCTOR) TO PROVIDE A ROBUST, HIGH-SPEED COMMUNICATIONS PATH. DATALINE CAN BE RUN IN ANY CONVENIENT TOPOLOGY SERIES AS BENEFITS THE INSTALLATION. IE: T-TAP, STAR, OR LOOP. WIRE SHALL BE THE WATT STOPPER HDLM DATALINE WIRE. USE BOTH PAIRS FOR CONNECTING PANELS TO DATALINE SWITCHES. USE PLENUM RATED WIRE WHEN APPLICABLE.
- MANUFACTURER SHALL PROVIDE A FACTORY AUTHORIZED TECHNICIAN TO CONFIRM PROPER INSTALLATION AND OPERATION OF ALL SYSTEM COMPONENTS INCLUDING OCCUPANCY SENSORS AND DAYLIGHTING CONTROLS.
- MANUFACTURER SHALL PROVIDE FACTORY AUTHORIZED APPLICATION ENGINEER TO TRAIN OWNER PERSONNEL IN THE OPERATION AND PROGRAMMING OF THE LIGHTING CONTROL SYSTEM.
- MANUFACTURER SHALL PROVIDE SYSTEM DOCUMENTATION INCLUDING:
 - A SYSTEM I-LINE SHOWING ALL PANELS, NUMBER AND TYPE OF SWITCHES AND SENSORS, DATALINE, FRONT END MATERIAL.
 - DRAWINGS FOR EACH PANEL SHOWING HARDWARE CONFIGURATION AND NUMBERING.
 - PANEL WIRING SCHEDULES.
 - TYPICAL WIRING DIAGRAMS FOR EACH COMPONENT.

NORTH BUILDING SHEET INDEX

E001	NOTES, SYMBOLS, ABBREVIATIONS, SHEET INDEX
E002	NORTH BUILDING MAIN LEVEL POWER PLAN
E003	NORTH BUILDING UPPER LEVEL POWER PLAN
E004	NORTH BUILDING MAIN LEVEL LIGHTING PLAN
E005	NORTH BUILDING UPPER LEVEL LIGHTING PLAN
E006	ONE-LINE DIAGRAM PANEL SCHEDULES, RISER ELECTRICAL DETAILS

- KEYED NOTES:**
- ① EXISTING POWER EQUIPMENT TO REMAIN PROTECT DURING CONSTRUCTION
 - ② RE-MOUNT EXISTING FIRE ALARM HORNS/STROBES AND DETECTOR IN NEW CEILING
 - ③ STUB 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE FOR VFD CABLING BY OTHERS. TYPICAL EACH VFD OUTLET.



NORTH BUILDING MAIN LEVEL POWER PLAN
 SCALE: 1/8" = 1'-0"
 0 2 4 8 16

DEQ BUILDING REMODEL AND TENANT FINISH - NORTH BUILDING

168 NORTH 1950 WEST
 SALT LAKE CITY, UTAH

MAIN LEVEL POWER PLAN

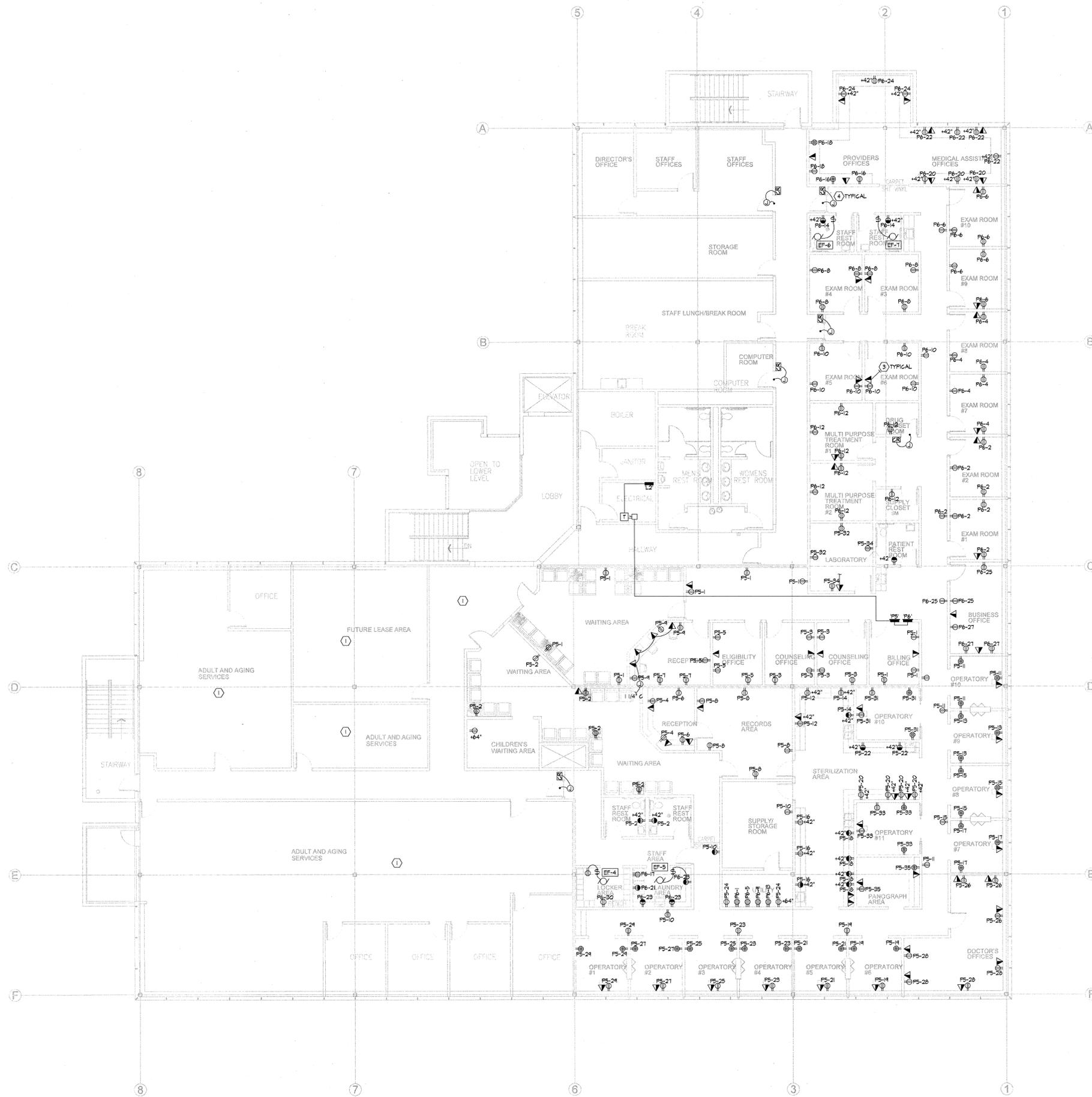
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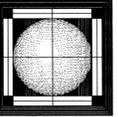
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 PLOT SCALE: 1/8"=1'-0"
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 DATE: JUNE 8, 2010

E 201



- KEYED NOTES:**
- ① EXISTING POWER EQUIPMENT TO REMAIN PROTECT DURING CONSTRUCTION.
 - ② RE-MOUNT EXISTING FIRE ALARM TRANSISTROBES AND DETECTOR IN NEW CEILING.
 - ③ STUB 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE FOR V/D CABLING BY OTHERS. TYPICAL EACH V/D OUTLET.
 - ④ ROUGH-IN DOOR DARD READER ALL EQUIPMENT AND WIRE BY OWNER.



NORTH BUILDING UPPER LEVEL POWER PLAN
 SCALE: 1/8" = 1'-0"
 0 2 4 8 16

DEQ BUILDING REMODEL AND TENANT FINISH - NORTH BUILDING

NORTH BUILDING UPPER LEVEL POWER PLAN

188 NORTH 1950 WEST
 SALT LAKE CITY, UTAH
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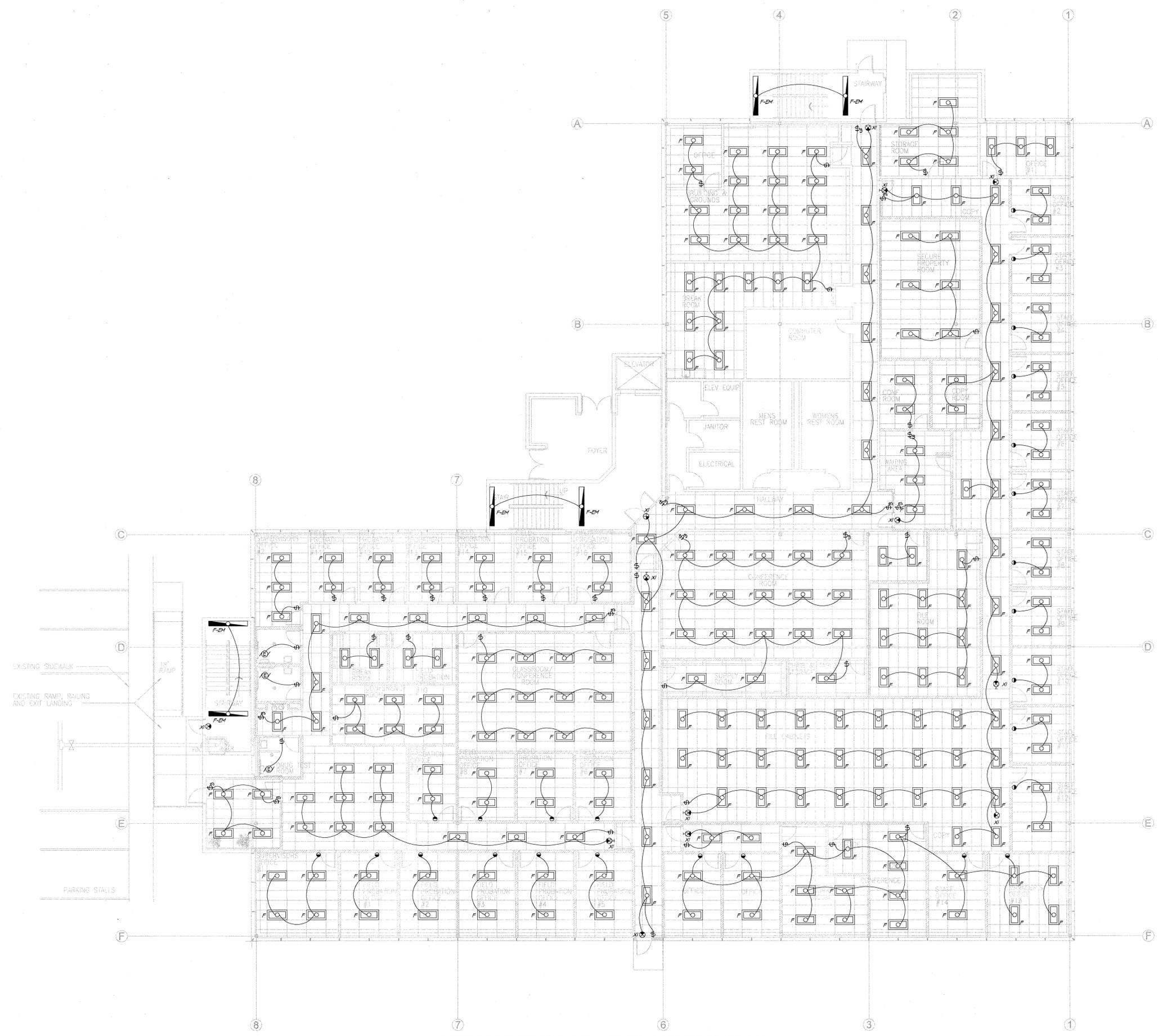
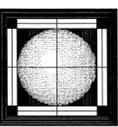


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 CONST. DOC.
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 CHECKED BY: RKR
 DATE: JUNE 8, 2010

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KEYED NOTES:
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← NORTH BUILDING MAIN LEVEL LIGHTING PLAN
 SCALE: 1/8" = 1'-0"
 0 2 4 8 16

DEQ BUILDING REMODEL AND TENANT FINISH - NORTH BUILDING
 168 NORTH 1950 WEST
 SALT LAKE CITY, UTAH

MAIN LEVEL LIGHTING PLAN

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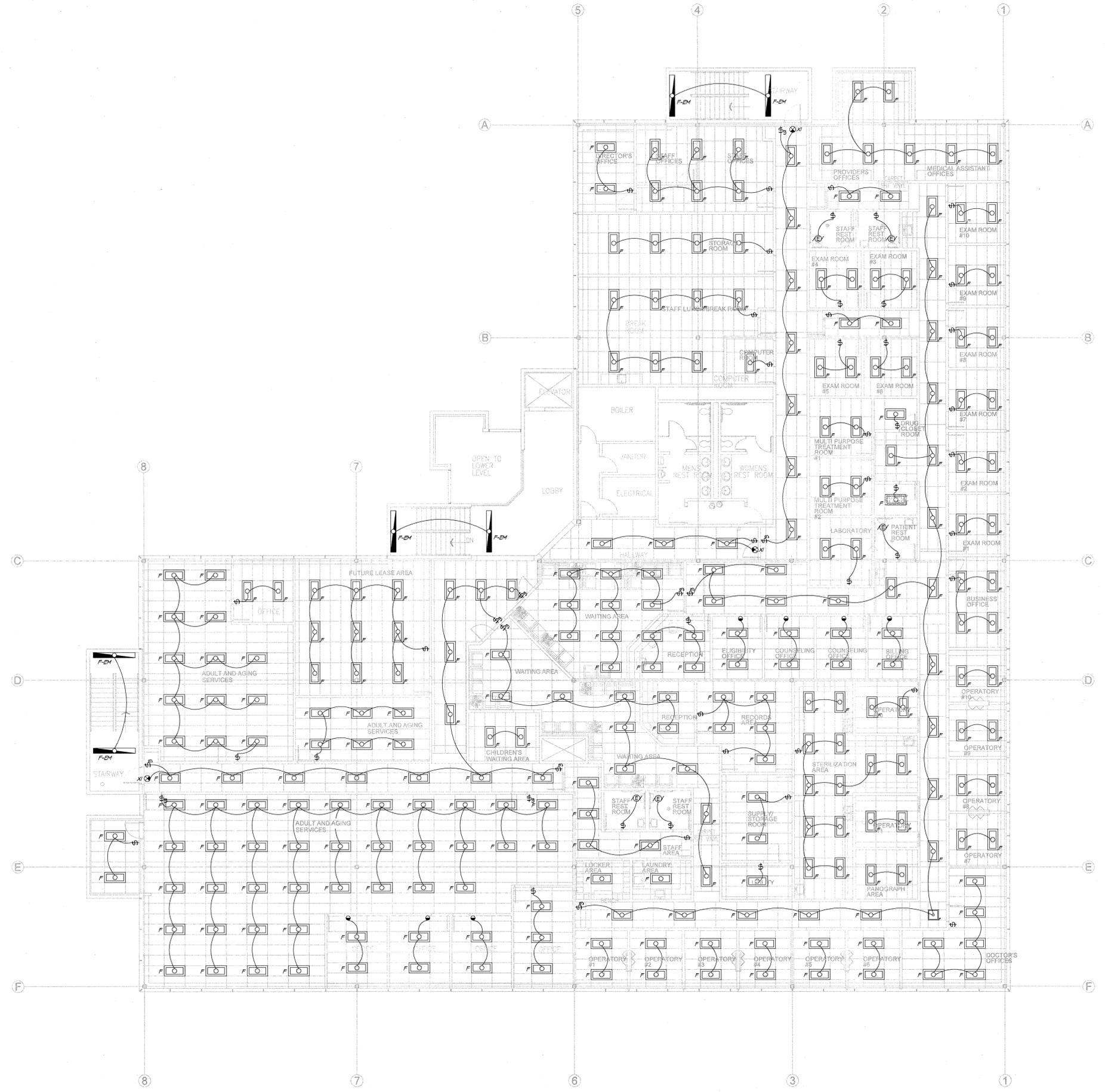


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 CHECKED BY: BKR
 DATE: JUNE 8, 2010

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KEYED NOTES:
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NORTH BUILDING UPPER LEVEL LIGHTING PLAN
 SCALE: 1/8" = 1'-0"
 0 2 4 8 16

DEQ BUILDING REMODEL AND TENANT FINISH - NORTH BUILDING

UPPER LEVEL LIGHTING PLAN

168 NORTH 1950 WEST
 SALT LAKE CITY, UTAH

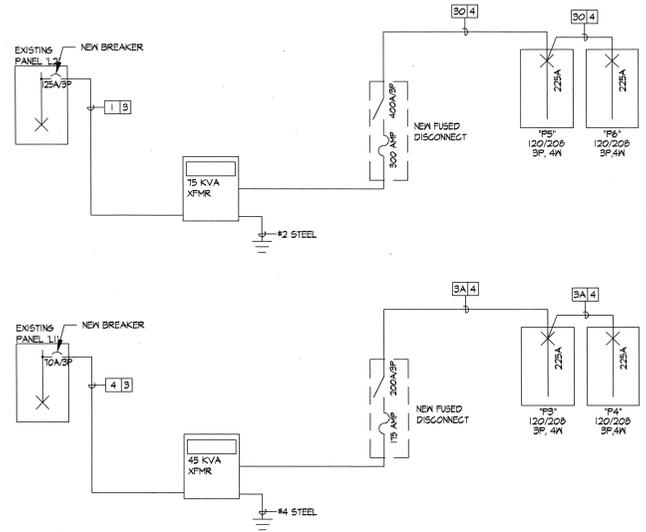
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CONDUIT & WIRE SCHEDULE

SYMBOL	CONDUIT	WIRE SIZE & TYPE	GROUND	AMPS	REMARKS
12	3/4"	#12 THIN CU	#12 THIN CU	25	
10	3/4"	#10 THIN CU	#10 THIN CU	30	
8	3/4"	#8 THIN CU	#8 THIN CU	40	
6	3/4"	#6 THIN CU	#6 THIN CU	55	
4	3/4"	#4 THIN CU	#6 THIN CU	70	
3	3/4"	#3 THIN CU	#6 THIN CU	100	
2	3/4"	#2 THIN CU	#6 THIN CU	115	
1	3/4"	#1 THIN CU	#6 THIN CU	150	
1A	3/4"	#1/0 THIN CU	#6 THIN CU	150	
2A	3/4"	#2/0 THIN CU	#6 THIN CU	175	
3A	3/4"	#3/0 THIN CU	#4 THIN CU	200	
4A	3/4"	#4/0 THIN CU	#2 THIN CU	230	
25	2"	#250 KCMIL THIN CU	#2 THIN CU	255	
30	2"	#300 KCMIL THIN CU	#2 THIN CU	285	
35	2"	#350 KCMIL THIN CU	#2 THIN CU	310	
40	2"	#400 KCMIL THIN CU	#1/0 THIN CU	335	
50	2"	#500 KCMIL THIN CU	#1/0 THIN CU	380	
60	2"	#600 KCMIL THIN CU	#1/0 THIN CU	420	
75	2"	#750 KCMIL THIN CU	#2/0 THIN CU	475	

EXAMPLE:
[BA]4 = (4)-#3/0 AMPS THIN THIN CU + (1)-#6 THIN THIN GND, 2' CONDUIT
[B0]4 = (4)-#500KCMIL THIN THIN CU + (1)-#1/0 AMPS THIN THIN CU + 2 SETS GND, 4' CONDUIT, 2 SETS, PARALLEL FEEDERS 1/4 GND.

NOTES:
1. PARALLEL RINGS REQUIRE A LARGER GROUND WIRE PER CONDUIT - SEE NATIONAL ELECTRICAL CODE.
2. WHERE THIN CONDUCTORS SHALL BE RUN UNDERGROUND, PROVIDE THIN INSULATION IN LIEU OF THIN INSULATION ON ALL UNDERGROUND CONDUCTORS.

ROCKY MOUNTAIN POWER SERVICE ENTRANCE SCHEDULE

(SCHEDULE IS SHOWN HERE FOR REFERENCE ONLY, VERIFY LATEST VERSION WITH POWER COMPANY PRIOR TO ROUGH-IN. SEE POWER COMPANY FORM 66 021 TABLE 5)

SERVICE ENTRANCE MAX. RATINGS (AMPS)	SERVICE ENTRANCE CONTINUOUS DUTY (AMPS)	AVAILABLE CONDUIT RINGS	SERVICE SIZE			
			75% LOAD FACTOR		100% LOAD FACTOR	
			PHASE	NEUTRAL	PHASE	NEUTRAL
200	160	(1)-3"	(1)-4/0	(1)-2/0	(1)-4/0	(1)-2/0
400	320	(1)-4"	(1)-350	(1)-4/0	(1)-350	(1)-350
600	480	(2)-4"	(2)-350	(2)-4/0	(2)-350	(2)-4/0
800	640	(3)-4"	(3)-350	(3)-4/0	(3)-350	(3)-4/0
1000	800	(4)-4"	(4)-350	(4)-4/0	(4)-350	(4)-4/0
1200	960	(4)-4"	(3)-500	(3)-350	(4)-500	(4)-350
1600	1280	(6)-4"	(5)-500	(5)-350	(6)-500	(6)-350
2000	1600	(8)-4"	(6)-500	(6)-350	(8)-500	(8)-350
2400	1920	(8)-4"	(6)-500	(6)-350	(8)-500 CU	(7)-500 CU
3000	2400	(8)-5"	(8)-500	(8)-350	(8)-500	(8)-350
4000	3200	(8)-5"	(8)-500	(8)-350	(8)-500	(8)-350

NOTES:
1. ABOVE CONDUCTORS ARE CROSS-LINKED POLYETHYLENE (XLPE) INSULATED 600 VOLT ALUMINUM CABLES UNLESS OTHERWISE SPECIFIED.
2. SERVICE SIZES GIVEN ABOVE CAN CARRY CONTINUOUSLY (THREE HOURS OR MORE) THE SERVICE ENTRANCE LIMIT AMPERAGES GIVEN IN THE SECOND COLUMN IF THE ACTUAL LOAD IS ESTIMATED TO BE LESS THAN THESE VALUES, THE SERVICE SIZE MAY BE REDUCED ACCORDINGLY.
3. AFTER SELECTING SERVICE CABLES, USE CONSTRUCTION STANDARD 65 051 TO DETERMINE THE VOLTAGE DROP. IF THE VOLTAGE DROP IS GREATER THAN 3 PERCENT INSTALL THE NEXT LARGER SIZE SERVICE.
4. REFER TO TABLE 2 FOR 1500 KVA OR 2500 KVA TRANSFORMER.

PANEL SCHEDULE

PANEL: PS
VOLTAGE: 208 / 120 PHASE: 3
MOUNTING: SURFACE
ENCLOSURE: NEMA 1

850 AMPS
MAIN OVERCURRENT DEVICE: 225 LUGS (SUB FEED)
MAIN OVERCURRENT AMPS: N/A
MINIMUM EQUIPMENT RATING: 22,000 AMPS (RMS-SYMS)

USE:
E = Equipment Load
L = Lighting Load
R = Receptacle Load
H = Motor Load
K = Kitchen Equipment

BREAKER	AMPS	POLE	NOTED	CIRCUIT NAME	FEEDER	CKT. LOAD	LOAD/PHASE (VA)	CKT. LOAD	FEEDER	CIRCUIT NAME	NOTED	BREAKER	AMPS	POLE
1	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		1	20	1
3	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		3	20	1
5	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		5	20	1
7	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		7	20	1
9	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		9	20	1
11	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		11	20	1
13	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		13	20	1
15	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		15	20	1
17	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		17	20	1
19	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		19	20	1
21	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		21	20	1
23	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		23	20	1
25	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		25	20	1
27	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		27	20	1
29	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		29	20	1
31	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		31	20	1
33	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		33	20	1
35	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		35	20	1
37	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		37	20	1
39	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		39	20	1
41	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		41	20	1
43	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		43	20	1
45	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		45	20	1
47	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		47	20	1
49	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		49	20	1
51	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		51	20	1
53	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		53	20	1
55	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		55	20	1
57	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		57	20	1
59	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		59	20	1
61	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		61	20	1
63	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		63	20	1
65	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		65	20	1
67	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		67	20	1
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79	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		79	20	1
81	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		81	20	1
83	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		83	20	1
85	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		85	20	1
87	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		87	20	1
89	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		89	20	1
91	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		91	20	1
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95	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		95	20	1
97	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		97	20	1
99	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		99	20	1
101	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		101	20	1
103	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		103	20	1
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111	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		111	20	1
113	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		113	20	1
115	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		115	20	1
117	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		117	20	1
119	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		119	20	1
121	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		121	20	1
123	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		123	20	1
125	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		125	20	1
127	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		127	20	1
129	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		129	20	1
131	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		131	20	1
133	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		133	20	1
135	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		135	20	1
137	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		137	20	1
139	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		139	20	1
141	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		141	20	1
143	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		143	20	1
145	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		145	20	1
147	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		147	20	1
149	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		149	20	1
151	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		151	20	1
153	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		153	20	1
155	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		155	20	1
157	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES		157	20	1
159	20	1		RECEPTACLES	#2 #2 R	800	1600	800	R #2 #2	RECEPTACLES				