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START RENOVATION  
336 E 3900 S  
SALT LAKE CITY, UT 84107

PROJECT NO: 250296

Architect Seal



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MECHANICAL TITLE SHEET

M000

MECHANICAL SHEET INDEX

- M000 MECHANICAL TITLE SHEET
- M001 MECHANICAL GENERAL NOTES
- MD101 LEVEL 1 MECHANICAL DEMOLITION PLAN
- M101 LEVEL 1 MECHANICAL HVAC PLAN
- M601 MECHANICAL DETAILS & SCHEDULES
- PD101 LEVEL 1 PLUMBING DEMOLITION PLAN
- P101 LEVEL 1 PLUMBING PLAN
- P601 PLUMBING DETAILS & SCHEDULES

**GENERAL MECHANICAL SYMBOLS**

- REVISION NUMBER - SHOWN ON PLANS
- POINT WHERE NEW CONNECTS TO EXISTING
- POINT WHERE EXISTING IS TO BE DEMOLISHED
- NUMBER OF DETAIL ON SHEET
- NUMBER OF SHEET WHERE DETAIL APPEARS
- KEYNOTE
- CONTINUATION SYMBOL
- ROOM NAME AND NUMBER
- ITEM TO BE DEMOLISHED
- AREA NOT IN CONTRACT
- PIPE SIZE TAG (DIAMETER)
- PIPE SLOPE TAG
- BELOW GROUND PIPING
- PIPE INVERT ELEVATION TAG
- EXISTING PIPE TAG
- PIPING BEING DEMOLISHED

**ABBREVIATIONS**

Ø	ROUND	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	MA	MIXED AIR
AD	AREA DRAIN	MAX	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MCF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECT/ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BLW	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MUA	MAKE-UP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NC	NORMALLY CLOSED
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CLG	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
D	DEGREE	O	OXYGEN
DB	DRY BULB	OA	OUTSIDE AIR
DCW	DOMESTIC COLD WATER	PD	PRESSURE DROP
DHW	DOMESTIC HOT WATER	PIV	POST INDICATOR VALVE
DIA	DIAMETER	PLBG	PLUMBING
DN	DOWN	PRESS	PRESSURE
DW	DISTILLED WATER	PRV	PRESSURE REDUCING VALVE
EA	ENTERING AIR	PSI	POUNDS PER SQUARE INCH
EAT	ENTERING AIR TEMPERATURE	PSIG	POUNDS PER SQUARE INCH GAUGE
ELEC	ELECTRICAL	PWR	POWER
EQUIP	EQUIPMENT	R	DUCT RISER
EW	ELECTRIC WATER COOLER	RA	RETURN AIR
EWT	ENTERING WATER TEMPERATURE	RCP	RADIANT CEILING PANEL
EA	EXHAUST AIR	RD	ROOF DRAIN
EXIST	EXISTING	RDO	ROOF DRAIN OVERFLOW
F	DEGREES FAHRENHEIT	REC	RECESSED
FCO	FLOOR CLEAN OUT	RED	REDUCER
FD	FLOOR DRAIN	RH	RELATIVE HUMIDITY
FD	FIRE DAMPER	RLA	RELIEF AIR
FDV	FIRE DEPARTMENT VALVE	RM	ROOM
FL	FLOOR	RPM	REVOLUTIONS PER MINUTE
FO	FUEL OIL	RW	RAIN WATER
FOV	FUEL OIL VENT	SF	SQUARE FOOT
FOR	FUEL OIL RETURN	SA	SUPPLY AIR
FOS	FUEL OIL SUPPLY	SAN	SANITARY
FPM	FEET PER MINUTE	SF	SQUARE FOOT
FS	FLOOR SINK	SD	SMOKE DAMPER
FT	FOOT/FEET	SM	SURFACE MOUNT
FTR	FIN TUBE RADIATION	SP	STANDPIPE
GAL	GALLON	SP	STATIC PRESSURE
GC	GENERAL CONTRACTOR	STM	STEAM
GPM	GALLONS PER MINUTE	T	THERMOSTAT
GW	GREASE WASTE	TD	TRENCH DRAIN
HB	HOSE BIB	TDR	TEMPERATURE DROP
HP	HORSE POWER	TEMP	TEMPERATURE
HTG	HEATING	TYP	TYPICAL
HTR	HEATER	UG	UNDERGROUND
HYD	HYDRANT	VAC	VACUUM
ID	INDIRECT	V	VENT
IN	INCH	VAV	VARIABLE AIR VOLUME
INV	INVERT	VENT	VENTILATION
LB	POUND	VTR	VENT THROUGH ROOF
LB/HR	POUNDS PER HOUR	W	WASTE
LAT	LEAVING AIR TEMPERATURE	WB	WET BULB
LP	LOW PRESSURE	WCO	WALL CLEAN OUT
LPG	LIQUEFIED PETROLEUM GAS	WH	WALL HYDRANT

**HVAC SYMBOLS**

**DAMPER TAGS**

- FIRE DAMPER FD
- SMOKE DAMPER SD
- MOTORIZED DAMPER MD
- MBD MANUAL BALANCING DAMPER
- BD BACKDRAFT DAMPER
- CD COMBINATION FIRE/SMOKE DAMPER

**HVAC SYMBOLS**

- 20"x8" SQUARE DUCT SIZE TAG (WIDTH x HEIGHT)
- 20"x8"FO OVAL DUCT SIZE TAG (WIDTH / HEIGHT)
- 20"Ø ROUND DUCT SIZE TAG (DIAMETER)
- EXISTING DUCT TAG
- DUCT BEING DEMOLISHED
- SUPPLY AIR - LOW PRESSURE
- SUPPLY AIR - MEDIUM PRESSURE
- CONDITIONED OUTSIDE AIR
- OUTSIDE AIR
- RETURN AIR
- TRANSFER AIR
- EXHAUST AIR
- RELIEF AIR
- GREASE EXHAUST AIR
- SMOKE EXHAUST AIR
- EXHAUST GAS FLUE
- COMBUSTION AIR
- RECTANGULAR SUPPLY/OUTSIDE AIR DUCT RISE
- ROUND SUPPLY/OUTSIDE AIR DUCT RISE
- RECTANGULAR RETURN/TRANSFER AIR DUCT RISE
- ROUND RETURN/TRANSFER AIR DUCT RISE
- RECTANGULAR EXHAUST/RELIEF AIR DUCT RISE
- ROUND EXHAUST/RELIEF AIR DUCT RISE

**GRILLES, REGISTERS & DIFFUSERS SYMBOLS AND TAGS**

- CEILING SQUARE SUPPLY DIFFUSER
- RECTANGULAR SUPPLY DIFFUSER
- ROUND SUPPLY DIFFUSER
- SQUARE RETURN GRILLE
- RECTANGULAR RETURN GRILLE
- SQUARE EXHAUST GRILLE
- RECTANGULAR EXHAUST GRILLE
- LINEAR SLOT

**MECHANICAL EQUIPMENT TAGS**

- HEATING COIL FLOW
- BOTTOM OF EQUIPMENT ELEVATION
- EXISTING EQUIPMENT TO REMAIN
- EXISTING RELOCATED EQUIPMENT
- EQUIPMENT BY OTHERS (REFER TO OTHER DISCIPLINE FOR ADDITIONAL INFORMATION)
- OPERATING WEIGHT NOT INCLUDING CURB
- NOMINAL COOLING CAPACITY
- FUEL INPUT GAS PIPE FLOW
- ROOFTOP UNIT

**DATA DEVICE TAGS**

- CARBON DIOXIDE SENSOR
- CARBON MONOXIDE SENSOR
- NITROGEN DIOXIDE SENSOR
- HUMIDITY SENSOR
- HUMIDISTAT
- RTU-XX TEMPERATURE & HUMIDITY SENSOR
- VAV-XX TEMPERATURE SENSOR
- T THERMOSTAT
- MS MANUAL SWITCH
- S SENSOR

**PIPING SYMBOLS**

- CHWR CHILLED WATER RETURN
- CHWS CHILLED WATER SUPPLY
- CD CONDENSATE DRAINAGE
- CWR CONDENSER WATER RETURN
- CWS CONDENSER WATER SUPPLY
- GHWR GLYCOL HEATING WATER RETURN
- GHWS GLYCOL HEATING WATER SUPPLY
- GWR GROUND LOOP WATER RETURN
- GWS GROUND LOOP WATER SUPPLY
- HWR HEATING WATER RETURN
- HWS HEATING WATER SUPPLY
- NER NET ENERGY LOOP RETURN
- NES NET ENERGY LOOP SUPPLY
- NG NATURAL GAS
- PG PROPANE GAS
- REFL REFRIGERANT-LIQUID
- REFS REFRIGERANT-SUCTION
- REFHG REFRIGERANT-HOT GAS
- LPS LOW PRESSURE STEAM
- LPCR LOW PRESSURE CONDENSATE RETURN
- HPS HIGH PRESSURE STEAM
- HPCR HIGH PRESSURE CONDENSATE RETURN
- CWV COMBINATION WASTE & VENT
- CA COMPRESSED AIR
- DCW DOMESTIC COLD WATER
- SCW SOFT COLD WATER
- FCW FILTERED COLD WATER
- NPCW NON-POTABLE COLD WATER
- RO REVERSE OSMOSIS WATER
- DHW HOT WATER
- DHW140° HOT WATER 140°
- DHWR HOT WATER RECIRCULATION
- DHWR140° HOT WATER RECIRCULATION 140°
- NPHW NON-POTABLE HOT WATER
- GV GREASE VENT
- GW GREASE WASTE
- IW INDIRECT WASTE
- OW OIL WASTE
- PD PUMP DISCHARGE
- V SANITARY VENT
- W SANITARY SEWER
- SHWR SOLAR HOT WATER RETURN
- SHWS SOLAR HOT WATER SUPPLY
- RD ROOF DRAIN
- RDO ROOF DRAIN OVERFLOW
- CO2 MEDICAL GAS - CARBON DIOXIDE (CO2)
- HE MEDICAL GAS - HELIUM (HE)
- IA MEDICAL GAS - INSTRUMENT AIR
- MA MEDICAL GAS - MEDICAL AIR
- MV MEDICAL GAS - MEDICAL VACUUM
- N2 MEDICAL GAS - NITROGEN (N2)
- N2O MEDICAL GAS - NITROUS OXIDE (N2O)
- O2 MEDICAL GAS - OXYGEN (O2)
- WAGD WASTE ANESTHESIA GAS DISPOSAL

**PIPE ACCESSORY TAGS**

- PIPE DROP
- PIPE RISE
- PIPE TEE
- CAP
- PLUG
- REDUCING 45 DEGREE TEE
- 45 DEGREE TEE
- VALVE SIZE
- 2" DOM. WM DOMESTIC WATER METER
- 2" BALANCING VALVE
- 2" SHUTOFF 1/4 TURN BALL VALVE
- 2" CHECK CHECK VALVE
- 2" TMV 3-WAY MIXING VALVE
- 2" M-ONTRL MOTORIZED CONTROL VALVE
- 2" 3-WAY ONTRL 3 WAY MOTORIZED CONTROL VALVE
- 2" PRV PRESSURE REDUCING VALVE
- 3" SOLENOID REFRIGERANT SOLENOID VALVE
- 2" BUTTERFLY BUTTERFLY VALVE

**DRAIN TAGS**

- FLOOR DRAIN
- FLOOR SINK
- HUB DRAIN
- AREA DRAIN
- DECK DRAIN
- FLOW CONTROL DRAIN
- ROOF DRAIN
- COMBINATION DRAINS

**PLUMBING FIXTURE TAGS**

- TYPE (SEE SCHEDULE)
- FIXTURE UNITS
- WATER CLOSET - WALL HUNG - ADA
- PIPE ACCESSORY TAG
- 8" COTG CLEANOUT TO GRADE
- PIPE CONNECTION SIZE

**PIPE SYMBOLS**

- PIPE SIZE TAG (DIAMETER)
- PIPE SLOPE TAG
- BELOW GROUND PIPING
- PIPE INVERT ELEVATION TAG
- EXISTING PIPE TAG
- PIPING BEING DEMOLISHED

\*NOTE\*  
THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.



KEYNOTES

- 1 EXISTING ACTIVE SUPPLY DIFFUSER TO REMAIN.
- 2 EXISTING INACTIVE SUPPLY DIFFUSER TO REMAIN.
- 3 EXISTING RETURN GRILLE TO REMAIN.
- 4 EXISTING EXHAUST GRILLE TO REMAIN.
- 5 EXISTING RETURN GRILLE TO BE RELOCATED. CONTRACTOR TO PRE READ VOLUME BEFORE DEMO.
- 6 CONTRACTOR TO CONFIRM WHICH T-STAT IS THE PRIMARY AND PREPARE TO RELOCATE (1) T-STAT TO NEW LOCATION SHOWN ON NEW FLOOR PLAN.
- 7 EXISTING GRILLE/DIFFUSER TO BE REMOVED. CAP DUCTWORK AIR TIGHT.

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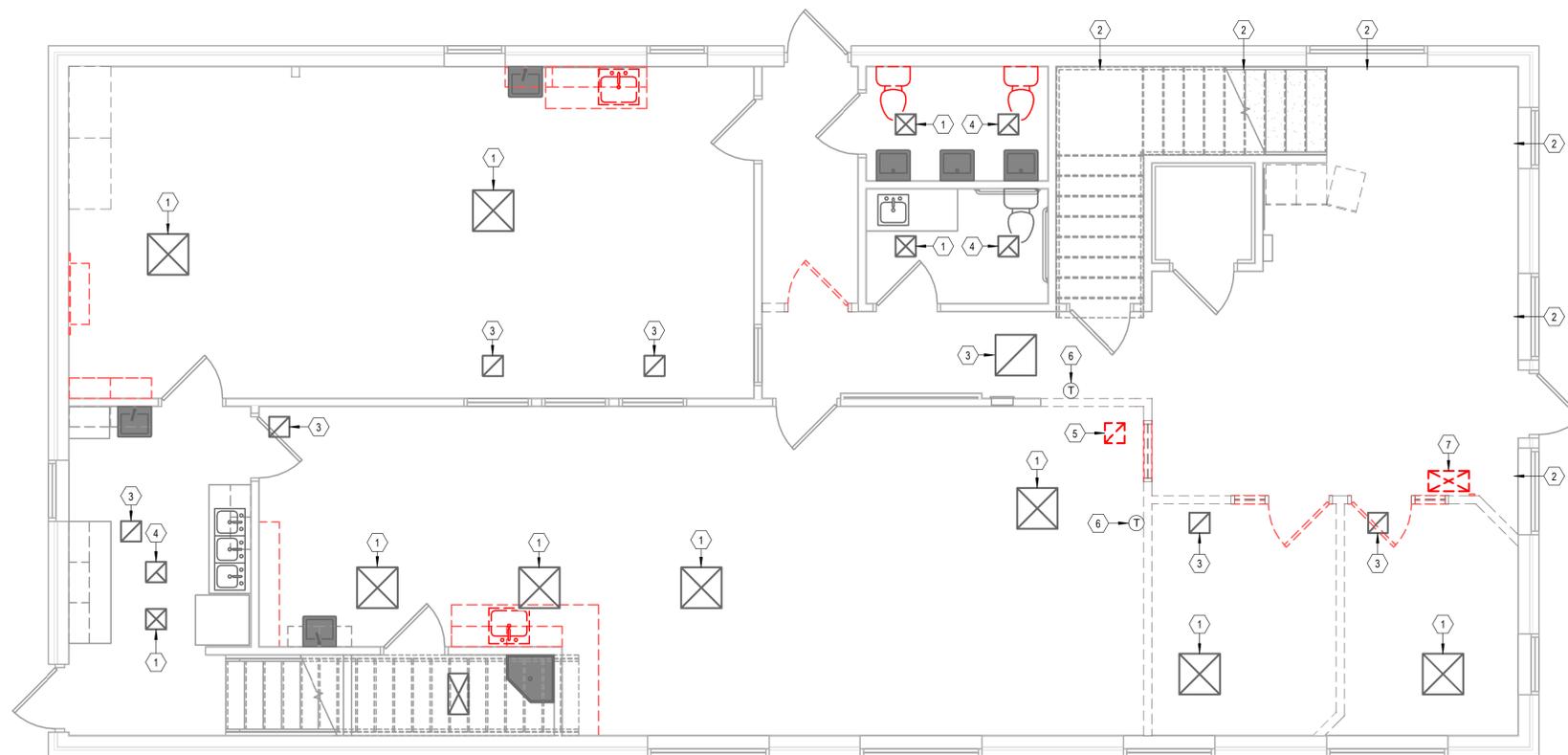
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LEVEL 1  
MECHANICAL  
DEMOLITION PLAN

**MD101**



1 LEVEL 1 MECHANICAL DEMOLITION PLAN  
MD101 1/4" = 1'-0"

- KEYNOTES**
- 1 RELOCATED RETURN GRILLE AND DUCTWORK. CONTRACTOR TO CONNECT TO CLOSEST RETURN DUCT AND BALANCE TO VALUE FROM PRE-READ OR BALANCE TOTAL OF BOTH RETURN GRILLES IN THIS CLASSROOM TO THE TOTAL OF THE (3) SUPPLY DIFFUSERS.
  - 2 RELOCATED THERMOSTAT TO THIS LOCATION THAT RUNS THE FURNACE, A/C UNIT FOR THE FIRST FLOOR. UNIT LOCATED ON SECOND FLOOR IN MECHANICAL ROOM. CONTRACTOR TO FURNISH AND INSTALL WALL MOUNTED INDOOR UNIT FOR MINI SPLIT SYSTEM. SEE SCHEDULE FOR MANUFACTURER AND MODEL NUMBER.
  - 3 PROVIDE OPTIONAL WIRED THERMOSTAT FOR MINI-SPLIT. THIS ENSURES THE UNIT WILL OPERATE CORRECTLY AND NOT RELY ON BATTERY POWER AT A WIRELESS REMOTE. COORDINATE MOUNTING LOCATION & HEIGHT WITH ARCHITECT.
  - 4 PROVIDE AND INSTALL OUTDOOR CONDENSING UNIT BEHIND EXISTING CHAIN LINK FENCE.
  - 5 CONTRACTOR TO PROVIDE PRICE FOR FENCING AROUND NEW CONDENSING UNIT FOR CHILD SAFETY.
  - 6

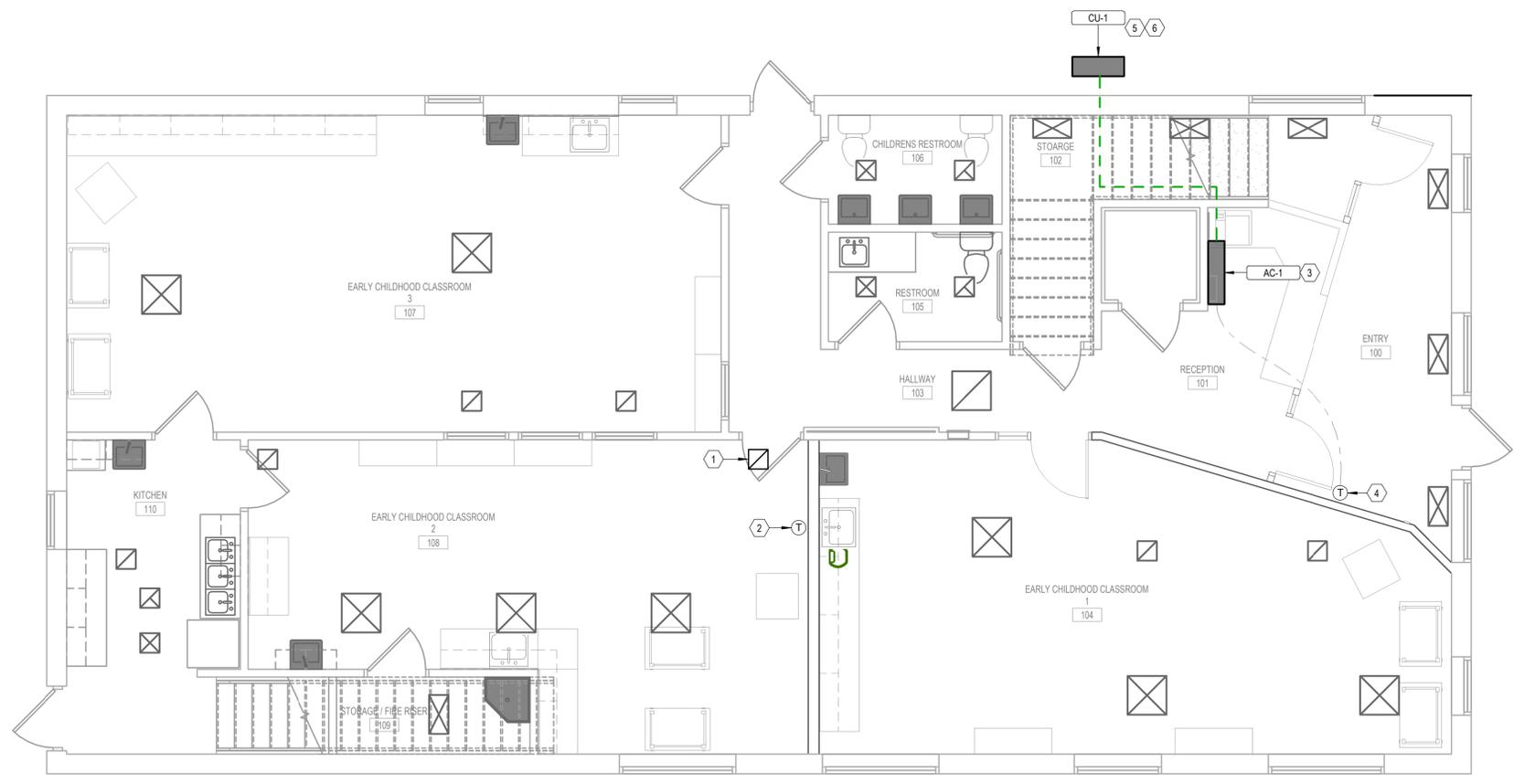
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**LEVEL 1  
 MECHANICAL HVAC  
 PLAN**

**M101**

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KEYNOTES	
1	EXISTING COUNTER MOUNTED SINK TO BE REMOVED, INCLUDING FAUCET, AND BE RE-USED.
2	DEMOLISH EXISTING CHILD TOILET AND REPLACE WITH NEW.

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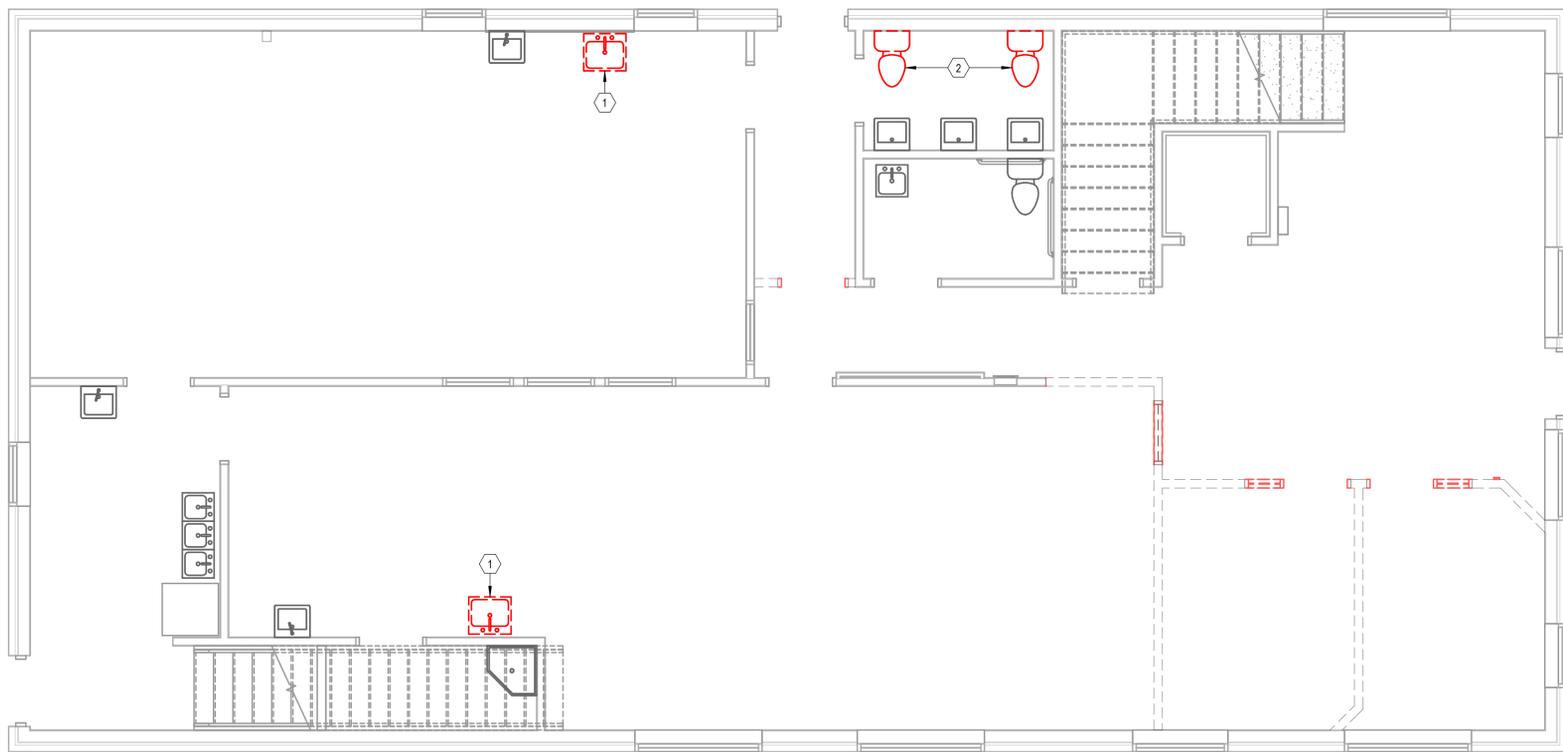
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**LEVEL 1 PLUMBING  
DEMOLITION PLAN**

**PD101**



**1** LEVEL 1 PLUMBING DEMOLITION PLAN

PD101 1/4" = 1'-0"

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**KEYNOTES**

- 1 RE-USED COUNTER MOUNTED SINK AND FAUCET TO BE INSTALLED IN NEW MILLWORK
- 2 NEW IN WALL WASHER BOX TO PROVIDE HOT WATER CONNECTION AND DRAIN FOR COUNTER MOUNTED DISHWASHER. OWNER PROVIDED DISHWASHER WITH EXACT MODEL UNKNOWN AT THIS TIME. CONNECT DOMESTIC HOT WATER TO SINK SUPPLY AND DRAIN TO TAIL PIECE OF SINK
- 3 NEW IN WALL WASHER BOX TO PROVIDE HOT WATER CONNECTION AND DRAIN FOR COUNTER MOUNTED DISHWASHER. OWNER PROVIDED DISHWASHER WITH EXACT MODEL UNKNOWN AT THIS TIME. CONNECT DOMESTIC HOT WATER TO SINK SUPPLY AND DRAIN TO UNDER SINK EJECTION PUMP/TANK
- 4 FURNISH AND INSTALL NEW CHILD SIZE TOILETS TO FURNISH EXISTING FIXTURE LOCATION. RECONNECT TO WATER SUPPLIES FROM DEMOLISHED TOILETS
- 5 FURNISH AND INSTALL NEW WALL MOUNTED HAND WASH LAVATORY. DRAIN TO EJECTOR PUMP WITH TANK
- 6 FURNISH AND INSTALL NEW COUNTER MOUNTED SINK. EXTEND WATER UTILITIES FROM MOP SINK AREA. DRAIN TO EJECTOR PUMP WITH TANK
- 7 BELOW COUNTER DRAIN COLLECTION TANK WITH PUMP. SEE PLUMBING FIXTURE SCHEDULE FOR MANUFACTURER AND MODEL
- 8 ROUTE DRAIN PIPING FROM EP-1. EJECTOR PUMP WITH TANK TO WASTE PIPING OF EXISTING SINK IN THIS AREA
- 9 PLUMBING CONTRACTOR TO PROVIDE AND INSTALL CONDENSATE PIPING FROM NEW INDOOR WALL MOUNTED UNIT TO EXTERIOR. PROVIDE 3/4" COPPER PIPING WITH THE FIRST 10 FEET INSULATED FOR CONDENSATION CONTROL. WASTE TO BARK COVERED LANDSCAPE STRIP ADJACENT TO SIDEWALK. INSTALL INSECT SCREEN AT OPENING. DISCHARGE AT 12" ABOVE GRADE

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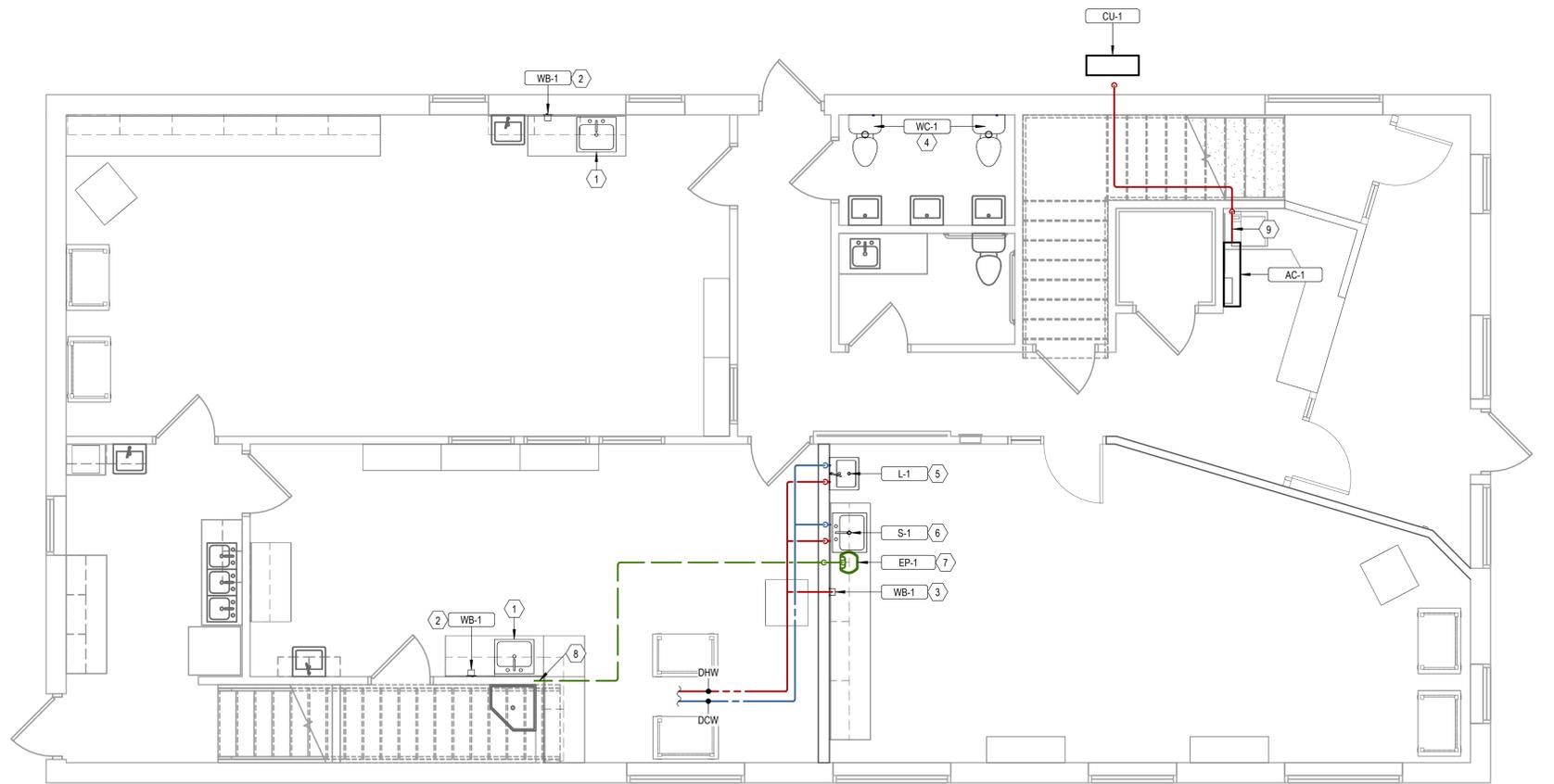
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**LEVEL 1 PLUMBING  
PLAN**

**P101**



# MODEL 406

Compact Drain Pump



## 1/6 hp 1/8" Solids Handling

### Features

- Factory pre-assembled, ready to install
- Quiet automatic operation
- Short profile design for compact areas – only 10" tall (base to top inlet flange)
- Float switch and pump serviceability via access cover
- Wet-end serviceability via removable pump "cartridge" – simple, 1/4 turn removal
- Rubber gasket for a superior gas-tight seal
- Floor-level side inlets, with integral check valve and couplings included for convenient plumbing
- Stepped discharge adapter – 1", 1.25", 1.5", with integral check valve

### Applications

- Bar sinks
- Laundry trays
- Dehumidifiers
- Utility sinks
- Gray wastewater drainage below gravity lines
- Showers



Patent: See www.LibertyPumps.com/patents



innovate. evolve

## Model 406

### Features

- Compact design for tight areas and in cabinets
- Factory pre-assembled
- Fully automatic operation
- Wet-end serviceability with easy to remove motor cartridge
- Integral check valve at bottom inlet connections
- Rubber gaskets for a superior gas-tight seal
- Float switch can be accessed and serviced without disconnecting piping
- Air-cooled motor with thermal-overload protection
- 9', 3-wire power cord with grounded plug
- Corrosion-resistant ABS basin with molded-in connections
- Maintenance free, permanently lubricated sealed bearings
- 1/8" Solids handling

### Maximum Fluid Temperature

104°F (40°C) continuous duty  
140°F (60°C) intermittent duty (10 seconds on/5 seconds off)

### Motor Specifications

1/6 hp  
Air-cooled, Thermally Protected

### Dimensional Data

Weight: 13.5 lbs  
Major Height: 14.1"  
Major Width: 13.2"

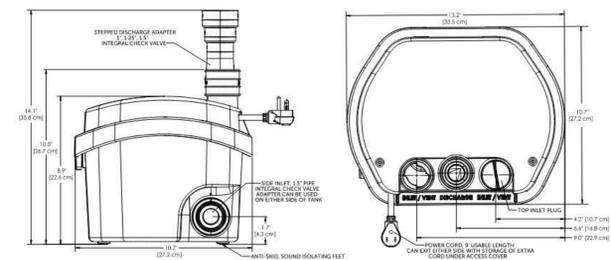
### Included Connection Kit

- 1 Stepped discharge adapter – 1", 1.25", 1.5", with integral check valve
- 1 Side inlet coupling (1.5") with integral check valve
- 1 Top vent coupling (1.5")
- 1 Top inlet coupling (1.5")
- 2 Pre-installed side inlet plugs
- 1 Pre-installed top inlet plug
- 7 Stainless-steel clamps

### Performance Curve



For proper performance, pipe inflow cannot exceed pump discharge capacity at the installed head level. For technical assistance, consult the factory at 1-800-543-2550.



### Models and Specifications

MODEL	HP	AMPS	VOLTS	FREQUENCY	INLET CONNECTIONS	INTEGRAL CHECK VALVE
406	1/6	1.7	115	60 Hz	1.5"	One on discharge One on side inlet
1806-1V	1/6	1.8	200/230	60 Hz	1.5"	One on discharge One on side inlet

406: Models are CSA Certified to the UPC, IPC, and NRC requirements of ASME A112.3.4 / CSA B45.9

Specifications subject to change without notice.  
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Liberty Pumps - 7000 Apple Tree Avenue - Bergen, New York 14416  
Phone 800-543-2550 - Fax 585-494-1839 - www.LibertyPumps.com

## BRANCH WATER LINE SCHEDULE

FIXTURE	FIXTURE UNITS	QUANTITY OF FIXTURES SERVED BY					
		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
WATER CLOSET (FLUSH VALVE)	10	---	---	1	3	5	15
WATER CLOSET (TANK TYPE)	3	1	2	4	10	---	---
URINAL	5	---	1	2	6	10	30
LAVATORY	2	1	3	6	15	25	---
SERVICE SINK	4	1	3	6	---	---	---
QUANTITY OF FIXTURE UNITS SERVED BY	---	3	6	12	30	50	150

NOTE: WHERE PIPING IS SIZED ON DRAWINGS IT SHALL BE FOLLOWED. OTHERWISE INSTALL ACCORDING TO TABLE. WHERE FIXTURES ON A BRANCH ARE MIXED, TAKE THE SUM OF FIXTURE UNITS TO DETERMINE SIZING. THE BRANCHES SHALL BE REDUCED AS THE LOAD IS TAKEN OFF. MINIMUM SIZE TO ONE (1) FIXTURE SHALL BE 1/2".

## PLUMBING FIXTURE SCHEDULE

ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	DESCRIPTION	NOTES
WC-1	WATER CLOSET - CHILD	1	-	3	2	FLOOR MOUNTED, FLUSH TANK	WATER CLOSET (FLOOR MOUNT, FLUSH TANK, ADA); ZURN Z5590 CHILDS HEIGHT ROUND BOWL, TANK TYPE, 1.6 GPF WITH Z5998SS-JUV OPEN FROM SEAT
L-1	LAVATORY	1/2	1/2	1 1/2	1 1/2	WALL HUNG, VITREOUS CHINA, GOOSENECK WITH WRIST BLADES INSTALL AT CHILDS HEIGHT DEFINED BY ARCHITECT	SINK: KOHLER K2031, GREENWICH, 20" X 18", VITREOUS CHINA, WITH FRONT OVERFLOW, THREE HOLE DRILLING. MOEN 8938 FAUCET WITH GOOSENECK, 1.2 GPM, FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG, SMITH 0700-Z CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.
S-1	SINK	1/2	1/2	1 1/2	1 1/2	COUNTER MOUNTED STAINLESS STEEL SINK, GOOSENECK FAUCET WITH WRIST BLADES	SINK: ELKAY LRADQ151756PD 12" X 12" X 5-1/2" I.D. COUNTER MOUNT 18 GA. STAINLESS STEEL SINK WITH 3 HOLES ON 4" CENTERS DRILLING. MOEN 8938 FAUCET WITH GOOSENECK, 1.2 GPM, FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG, AND ELKAY PERFECT GRID DRAIN LKPDVR188 OPEN-GRID STRAINER MOUNTED FLUSH WITH SINK BOTTOM.
WB-1	WATER BOX WITH DRAIN	-	1/2	1 1/2	1 1/2	FLUSH MOUNTED IN WALL, WATER SUPPLY, WITH DRAIN	WATER-TITE W8902HA WATER OUTLET BOX WITH QUARTER TURN BALL VALVE AND WATER HAMMER ARRESTOR. ONLY INSTALL HOT WATER CONNECTION. INCLUDE BOX WITH WIDE MOUTH DRAIN FITTING. COORDINATE MOUNTING HEIGHT WITH ARCHITECT. EXPECTATION THAT BOX IS COMPLETELY ABOVE COUNTER FOR WATER AND DRAIN CONNECTION TO COUNTER MOUNTED DISHWASHER.
EP-1	EJECTION PUMP	-	-	1 1/2	1 1/2	DRAINAGE TANK WITH EJECTION PUMP	LIBERTY PUMPS: MODEL 406 COMPACT DRAIN PUMP. 1/6 HORSE POWER PUMP, 120 VAC 1.7 AMPS WITH 1.5" INLET AND OUTLET CONNECTIONS

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Project #: 250296

UCA MILLCREEK HEAD  
START RENOVATION  
336 E 3900 S  
SALT LAKE CITY, UT 84107

Architect Seal



Signature

Date License No

PERMIT SET

ISSUE / REVISION

Mark Date Description

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PLUMBING DETAILS &  
SCHEDULES

P601