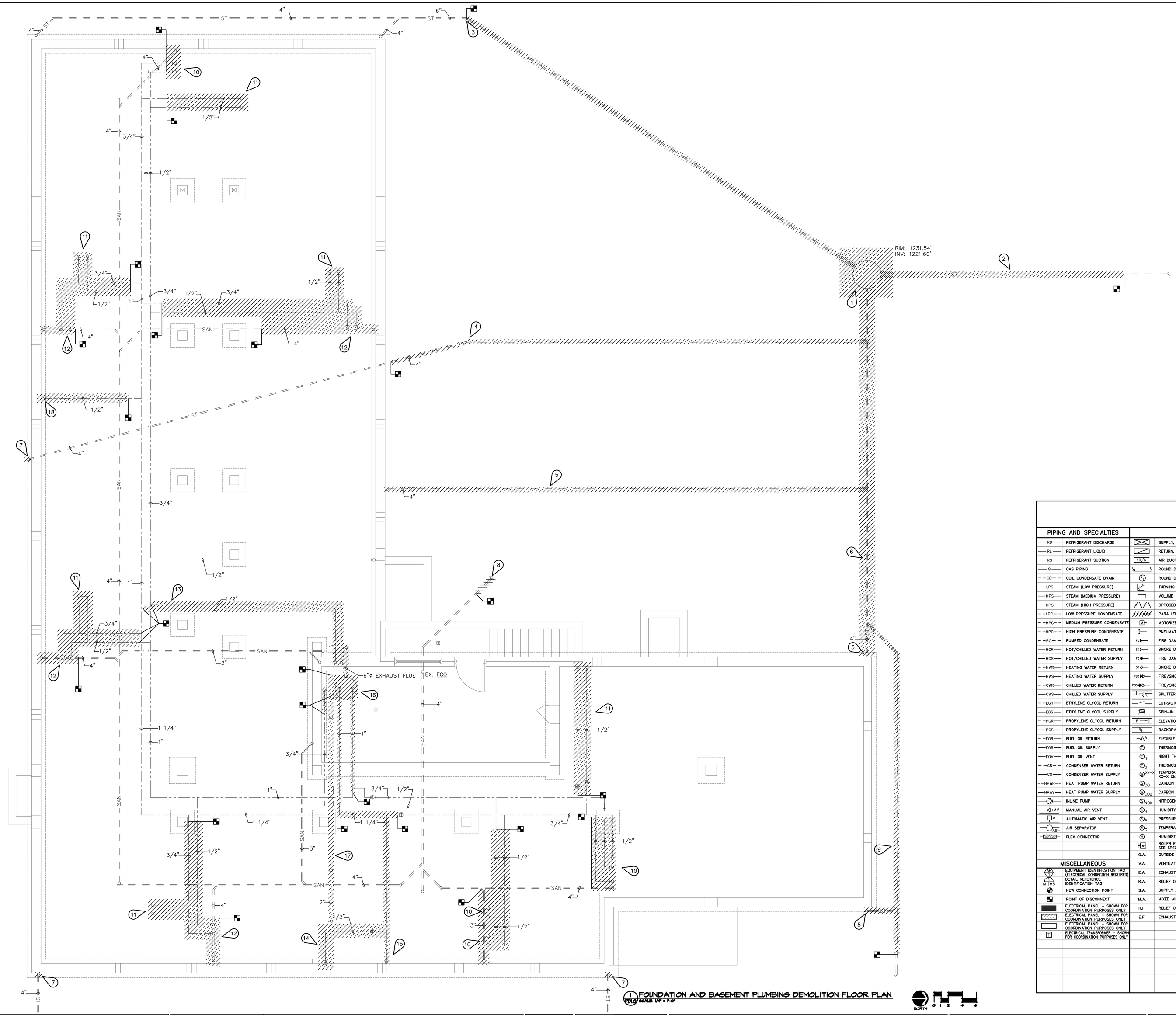

1 FOUNDATION AND BASEMENT PLUMBING DEMOLITION FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT AND ACCESSORIES ARE NOT NECESSARILY SHOWN ON THIS DRAWING. EXISTING SYSTEMS SHOWN ARE AS DEEMED NECESSARY TO INTENT OF DEMOLITION WORK INVOLVED IN THIS PROJECT
2. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF ANY WORK, AND SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCY BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITIONS. NO WORK SHALL BE PERFORMED IN THE AFFECTED AREA UNTIL A RESOLUTION HAS BEEN ESTABLISHED.
3. ALL DUCTWORK, PIPING, EQUIPMENT, ETC. SHOWN HATCHED IS DESIGNATED FOR REMOVAL UNLESS SPECIFICALLY NOTED OTHERWISE.
4. CONTRACTOR SHALL REMOVE ALL MATERIALS AS REQUIRED AND SHALL GIVE THE OWNER THE OPPORTUNITY TO INSPECT SUCH MATERIALS FOR POTENTIAL SALVAGE. CONTRACTOR SHALL REMOVE FROM THE SITE ALL MATERIALS DEEMED "NON-SALVAGEABLE" BY THE OWNER. CONTRACTOR SHALL TURN OVER TO OWNER ALL MATERIALS DEEMED "SALVAGEABLE" BY THE OWNER.
5. CONTRACTOR SHALL PROVIDE WORK IN PHASES REQUIRED BY THE CONTRACT DOCUMENTS WHILE MINIMIZING POTENTIAL WORK DELAYS. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
6. REMOVE, REPAIR, AND REPLACE WALLS, FLOORS, CEILINGS, ROOFING, SIDEWALKS, AND LANDSCAPING TO MATCH EXISTING, WHERE NECESSARY FOR PIPING AND FIXTURE REMOVAL AND INSTALLATION.

PLUMBING DEMOLITION KEYNOTES: ( )

1. REMOVE EXISTING MANHOLE IN THIS LOCATION.
2. REMOVE EXISTING 8" COMBINED SEWER LINE TO DISCONNECTION POINT AND CAP UNTIL NEW WORK PHASE BEGINS.
3. REMOVE EXISTING 6" STORM LINE BACK TO DISCONNECTION POINT SHOWN AND CAP UNTIL NEW WORK PHASE BEGINS.
4. REMOVE EXISTING 4" STORM LINE IN THIS LOCATION BACK TO DISCONNECTION POINT AND CAP.
5. REMOVE EXISTING 4" STORM LINE IN THIS LOCATION UP TO ABOVE GRADE AND DISCONNECT FROM DOWNSPOUT ABOVE GRADE. SEE SHEET PD1.1 FOR LOCATION OF DOWNSPOUT.
6. REMOVE ENTIRE EXISTING 6" STORM LINE IN THIS LOCATION.
7. REMOVE EXISTING 4" STORM LINE UP TO ABOVE GRADE AND DISCONNECT FROM DOWNSPOUT. ABANDON EXISTING STORM LINE IN PLACE. SEE SHEET PD1.1 FOR LOCATION OF DOWNSPOUT.
8. REMOVE EXISTING 6" SANITARY LINE FROM MANHOLE BACK TO DISCONNECTION POINT AND CAP UNTIL NEW WORK PHASE BEGINS.
9. REMOVE EXISTING 6" STORM LINE IN THIS LOCATION BACK TO DISCONNECTION POINT AND CAP. ABANDON LINE IN PLACE.
10. REMOVE EXISTING 1/2" CW, 1/2" HW AND 4" SANITARY LINE FROM ABOVE FLOOR BACK TO DISCONNECTION POINT AND CAP UNTIL NEW WORK PHASE BEGINS.
11. REMOVE EXISTING 1/2" CW AND 1/2" HW FROM ABOVE FLOOR BACK TO DISCONNECTION POINT AND CAP UNTIL NEW WORK PHASE BEGINS.
12. REMOVE ALL 3/4" CW, 1/2" HW AND 4" SANITARY LINES SHOWN HATCHED IN THIS LOCATION FROM ABOVE FLOOR AND CAP UNTIL NEW WORK PHASE BEGINS.
13. REMOVE EXISTING 1/2" CW AND 1/2" HW FROM ABOVE FLOOR BACK TO DISCONNECTION POINT AND CAP AT MAIN TAKEOFF UNTIL NEW WORK PHASE BEGINS.
14. REMOVE ALL EXISTING 1/2" CW LINE SERVING HOSE BIBB IN THIS LOCATION.
15. REMOVE EXISTING WATER SERVICE ENTRANCE IN THIS LOCATION BACK TO DISCONNECTION POINT AND CAP EXISTING DOMESTIC COLD WATER LINES UNTIL NEW WORK PHASE BEGINS.
16. REMOVE EXISTING WATER HEATER AND ALL ASSOCIATED CW, HW, HWC, GAS AND EXHAUST FLUE SHOWN HATCHED BACK TO DISCONNECTION POINTS AND CAP UNTIL NEW WORK PHASE BEGINS.
17. REMOVE EXISTING GAS LINE SERVING DOMESTIC WATER HEATER AND AIR HANDLING UNIT BACK TO GAS SERVICE ENTRANCE AND CAP UNTIL NEW WORK PHASE BEGINS.
18. REMOVE EXISTING 1/2" CW LINE SERVING HOSE BIBB BACK TO DISCONNECTION POINT AND CAP.

MECHANICAL SYMBOL LEGEND
(AS APPLICABLE)

PIPING AND SPECIALTIES		H.V.A.C.		PLUMBING		VALVES AND FITTINGS	
RD	REFRIGERANT DISCHARGE		SUPPLY, OUTSIDE OR MIXED AIR DUCT	CW	COLD WATER PIPING		ELBOW
RL	REFRIGERANT LIQUID		RETURN, RELIEF OR EXHAUST AIR DUCT	HW	DOMESTIC HOT WATER SUPPLY		ELBOW – OUTLET DOWN
RS	REFRIGERANT SUCTION	10/6	AIR DUCT SIZE (WIDTH/HEIGHT)	HWR	DOMESTIC HOT WATER RECIRC.		ELBOW – OUTLET UP
G	GAS PIPING		ROUND DUCT		PIPE REMOVAL		TEE – OUTLET DOWN
CD	COIL CONDENSATE DRAIN		ROUND DUCT (IN SECTION)	SAN	SANITARY BELOW FLOOR OR GRADE		TEE – OUTLET UP
LPS	STEAM (LOW PRESSURE)		TURNING VANES	SAN	EXISTING SANITARY BELOW FLOOR/GRADE		TEE
MPS	STEAM (MEDIUM PRESSURE)		VOLUME CONTROL DAMPER	SAN	SANITARY ABOVE FLOOR OR GRADE		CAPPED CONNECTION
HPS	STEAM (HIGH PRESSURE)		OPPOSED BLADE DAMPER	SAN	EXISTING SANITARY ABOVE FLOOR/GRADE		STRAINER
LPC	LOW PRESSURE CONDENSATE		PARALLEL BLADE DAMPER	ST	STORM BELOW FLOOR OR GRADE		AUTOMATIC 2-WAY VALVE
MPC	MEDIUM PRESSURE CONDENSATE	M	MOTORIZED ACTUATOR	ST	EXISTING STORM BELOW FLOOR/GRADE		AUTOMATIC 3-WAY VALVE
HPC	HIGH PRESSURE CONDENSATE		PNEUMATIC ACTUATOR	ST	STORM ABOVE FLOOR OR GRADE		PRESSURE REDUCING VALVE
PC	PUMPED CONDENSATE	FD	FIRE DAMPER (IN HORIZONTAL DUCT)	ST	EXISTING STORM ABOVE FLOOR/GRADE		GLOBE VALVE
HCR	HOT/CHILLED WATER RETURN	SD	SMOKE DAMPER (IN HORIZONTAL DUCT)	SO	STORM OVERFLOW BELOW FLOOR/GRADE		AUTOMATIC FLOW CONTROL VALVE
HCS	HOT/CHILLED WATER SUPPLY	FD	FIRE DAMPER (IN VERTICAL DUCT)	SO	EXIST. STORM OVERFLOW BELOW FLOOR/GRADE		CHECK VALVE (ARROW IND. FLOW)
HWR	HEATING WATER RETURN	SD	SMOKE DAMPER (IN VERTICAL DUCT)	SO	STORM OVERFLOW ABOVE FLOOR/GRADE		GATE VALVE
HWS	HEATING WATER SUPPLY	FSD	FIRE/SMOKE DAMPER (IN HORIZONTAL DUCT)	SO	EXIST. STORM OVERFLOW ABOVE FLOOR/GRADE		RELIEF VALVE
CWR	CHILLED WATER RETURN	FSD	FIRE/SMOKE DAMPER (IN VERTICAL DUCT)	AW	ACID WASTE BELOW FLOOR OR GRADE		VALVE IN VERTICAL LINE
CWS	CHILLED WATER SUPPLY		SPLITTER	AW	ACID WASTE ABOVE FLOOR OR GRADE		PRESSURE GAGE AND COCK
EGR	ETHYLENE GLYCOL RETURN		EXTRACTOR	AW	EXIST ACID WASTE BELOW FLOOR/GRADE		THERMOMETER
EGS	ETHYLENE GLYCOL SUPPLY		SPIN-IN FITTING WITH VOLUME DAMPER	AW	EXIST ACID WASTE ABOVE FLOOR/GRADE		TEMP. & PRESS. RELIEF VALVE
PGR	PROPYLENE GLYCOL RETURN	R	ELEVATION CHANGE (RISE OR DROP)	GW	GREASE WASTE BELOW FLOOR OR GRADE		UNION
PGS	PROPYLENE GLYCOL SUPPLY		BACKDRAFT DAMPER	GW	GREASE WASTE ABOVE FLOOR OR GRADE		BALL VALVE
FOR	FUEL OIL RETURN		FLEXIBLE DUCTWORK	GW	EXIST GREASE WASTE BELOW FLOOR/GRADE		PIPE ANCHOR
FOS	FUEL OIL SUPPLY		THERMOSTAT	GW	EXIST GREASE WASTE ABOVE FLOOR/GRADE		EXPANSION JOINT
FOV	FUEL OIL VENT	N	NIGHT THERMOSTAT	OSW	OIL/SAND BELOW FLOOR OR GRADE		PLUG VALVE
CR	CONDENSER WATER RETURN	G	THERMOSTAT WITH GUARD	OSW	EXISTING OIL/SAND BELOW FLOOR/GRADE		BUTTERFLY VALVE
CS	CONDENSER WATER SUPPLY	XX-X	TEMPERATURE SENSOR – XX-X DENOTES UNIT SERVED	OSW	OIL/SAND ABOVE FLOOR OR GRADE		F & T TRAP
HPWR	HEAT PUMP WATER RETURN	CO	CARBON MONOXIDE SENSOR	OSW	EXISTING OIL/SAND ABOVE FLOOR/GRADE		REDUCER
HPWS	HEAT PUMP WATER SUPPLY	CO2	CARBON DIOXIDE SENSOR	SCW	SOFTENED COLD WATER PIPING		STRAINER WITH DRAIN (BALL VALVE)
	INLINE PUMP	NOX	NITROGEN DIOXIDE SENSOR	SCW	EXISTING SOFTENED COLD WATER PIPING	TW	THERMOMETER WELL
MV	MANUAL AIR VENT	H	HUMIDITY SENSOR		VENT PIPING		NEEDLE VALVE
A	AUTOMATIC AIR VENT	P	PRESSURE SENSOR	AV	ACID VENT PIPING		GAS VALVE
AS	AIR SEPARATOR	C	TEMPERATURE SENSOR WITH GUARD	A	COMPRESSED AIR		GAS PRESSURE REGULATOR
	FLEX CONNECTOR		HUMIDISTAT	IR	IRRIGATION PIPING		REDUCED PRESS. BACKFLOW PREV.
		H	BOILER EMERGENCY SHUTDOWN SWITCH – SEE SPECIFICATIONS	P	TRAP PRIMER		DOUBLE CHK VALVE BACKFLOW PREV.
		O.A.	OUTSIDE AIR	HB	HOSE BIBB		DOUBLE DETECTOR CHECK VALVE
MISCELLANEOUS		V.A.	VENTILATION AIR		WH WALL HYDRANT		
	EQUIPMENT IDENTIFICATION TAG (ELECTRICAL CONNECTION REQUIRED)	E.A.	EXHAUST AIR		CO CLEAN OUT (CO)		
M7M5	DETAIL REFERENCE IDENTIFICATION TAG	R.A.	RELIEF OR RETURN AIR		CO CLEAN OUT (CO)		
	NEW CONNECTION POINT	S.A.	SUPPLY AIR		FD FLOOR DRAIN		
	POINT OF DISCONNECT	M.A.	MIXED AIR		VTR VENT THRU ROOF		
	ELECTRICAL PANEL – SHOWN FOR COORDINATION PURPOSES ONLY	R.F.	RELIEF OR RETURN FAN		WC WATER CLOSET		
	ELECTRICAL PANEL – SHOWN FOR COORDINATION PURPOSES ONLY	E.F.	EXHAUST FAN		UR URINAL		
	ELECTRICAL PANEL – SHOWN FOR COORDINATION PURPOSES ONLY				L LAVATORY		
T	ELECTRICAL TRANSFORMER – SHOWN FOR COORDINATION PURPOSES ONLY				S SINK		
					DF DRINKING FOUNTAIN		
					EWC ELECTRIC WATER COOLER		
					SS SERVICE SINK		
					SH SHOWER		
					DWH DOMESTIC WATER HEATER		
					MSB MOP SINK BASIN		

SEE GENERAL PLUMBING NOTES ON SHEET P1.1.

CLH 2007-37

Revisions	Date

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1. ALL CONTRACTORS ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF DOCUMENTS TO DETERMINE THEIR FULL SCOPE OF WORK. CONTRACTOR SHALL NOT BE ALLOWED EXTRA COSTS DUE TO FAILURE TO REVIEW ENTIRE SET OF DOCUMENTS.
2. ANY USE OF THESE ELECTRONIC DRAWINGS OR SCALING OF THE PRINTED DOCUMENTS ARE DONE SO AT THE CONTRACTORS RISK.

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FOUNDATION AND BASEMENT PLUMBING DEMOLITION FLOOR PLAN

Construction Documents (100%) Submittal
Approved: _____ Date: _____
Approved: _____ Date: _____
Approved: _____ Date: _____

BUILDING SIX
RENOVATION/ ADDITION

VAMC Omaha, NE

Date	Checked by	Drawn by
FEBRUARY 20, 2009		

Project Number: Phase 2 and 4 of 636-07-134
Building Number: SIX
Drawing Number: PD1.0
Dwg. 25 of 37

Office of Construction and Facilities Management
Department of Veterans Affairs

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