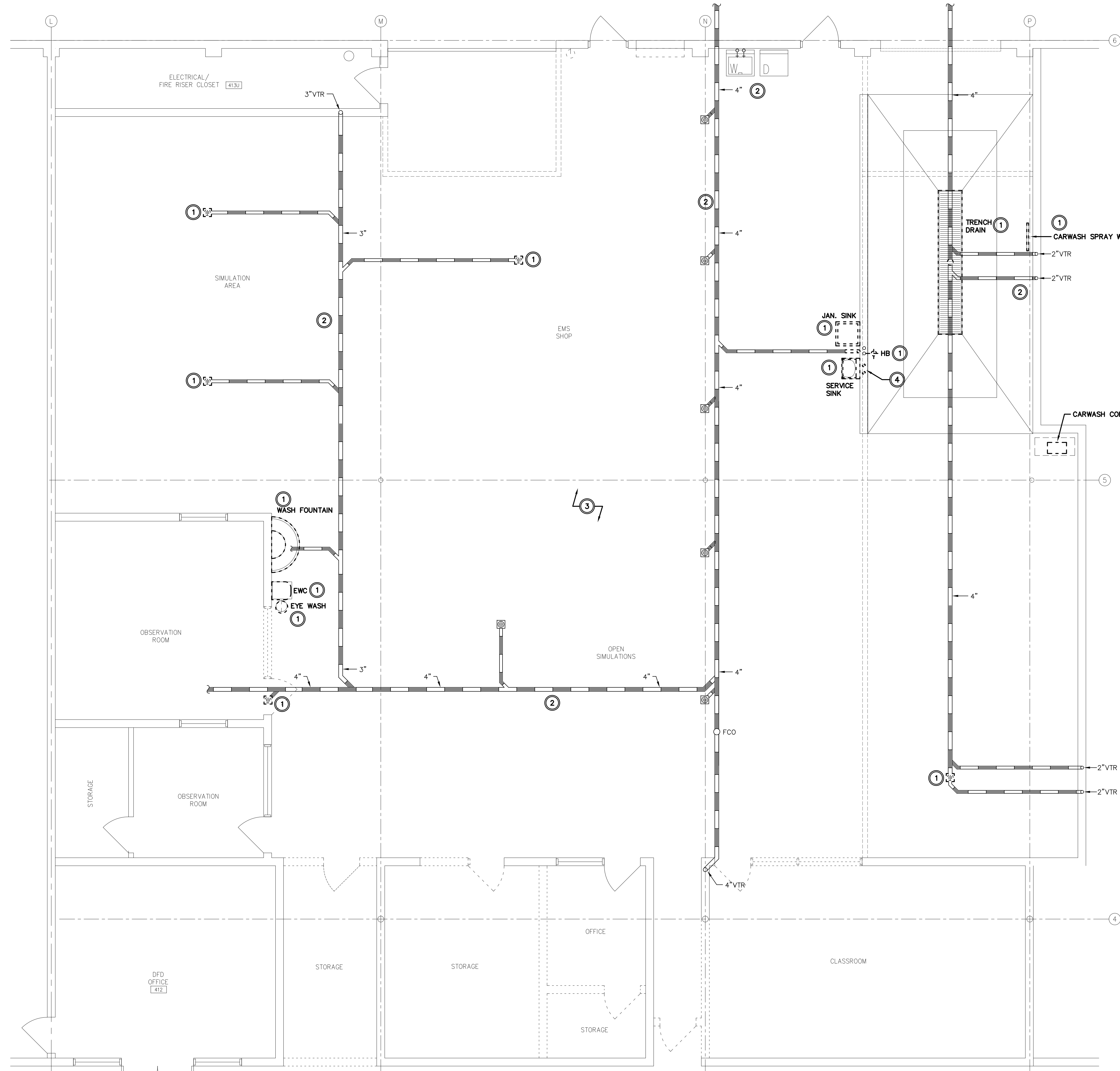
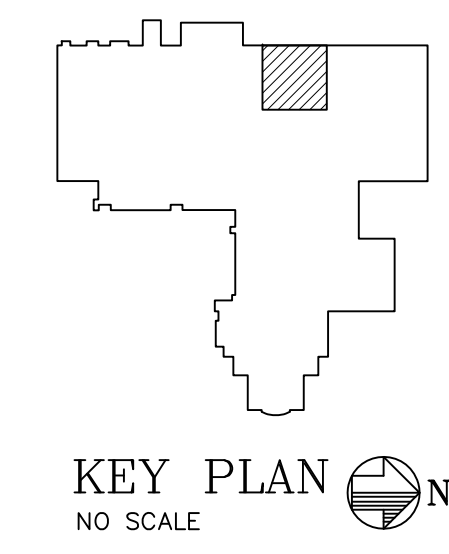
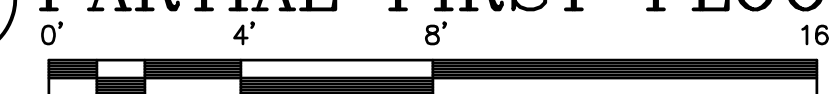


CAD#29074 JAN-26-17 L&B PROJ. #6657



- NOTES:**
- ① REMOVE PIPING AND FIXTURES SHOWN BOLD AND DASHED. CAP ALL PIPING AT MAINS OR LAST FIXTURE SERVED. (TYPICAL).
 - ② EXISTING PIPING AND FIXTURE TO REMAIN SHOWN LIGHT (TYPICAL).
 - ③ REMOVE ALL COMPRESSED AIR OUTLETS AND PIPING TO ABOVE CEILING (TYPICAL).
 - ④ REMOVE ALL PLUMBING UP TO ABOVE CEILING AND CAP.

① PARTIAL FIRST FLOOR - PLUMBING DEMOLITION PLAN



PROJECT #: 20160101.01

ISSUE DATES:

11/16/2016	35% Submittal
12/16/2016	Design Development Sub.
1/20/2017	100% Submittal
1/26/2017	Construction Docs.



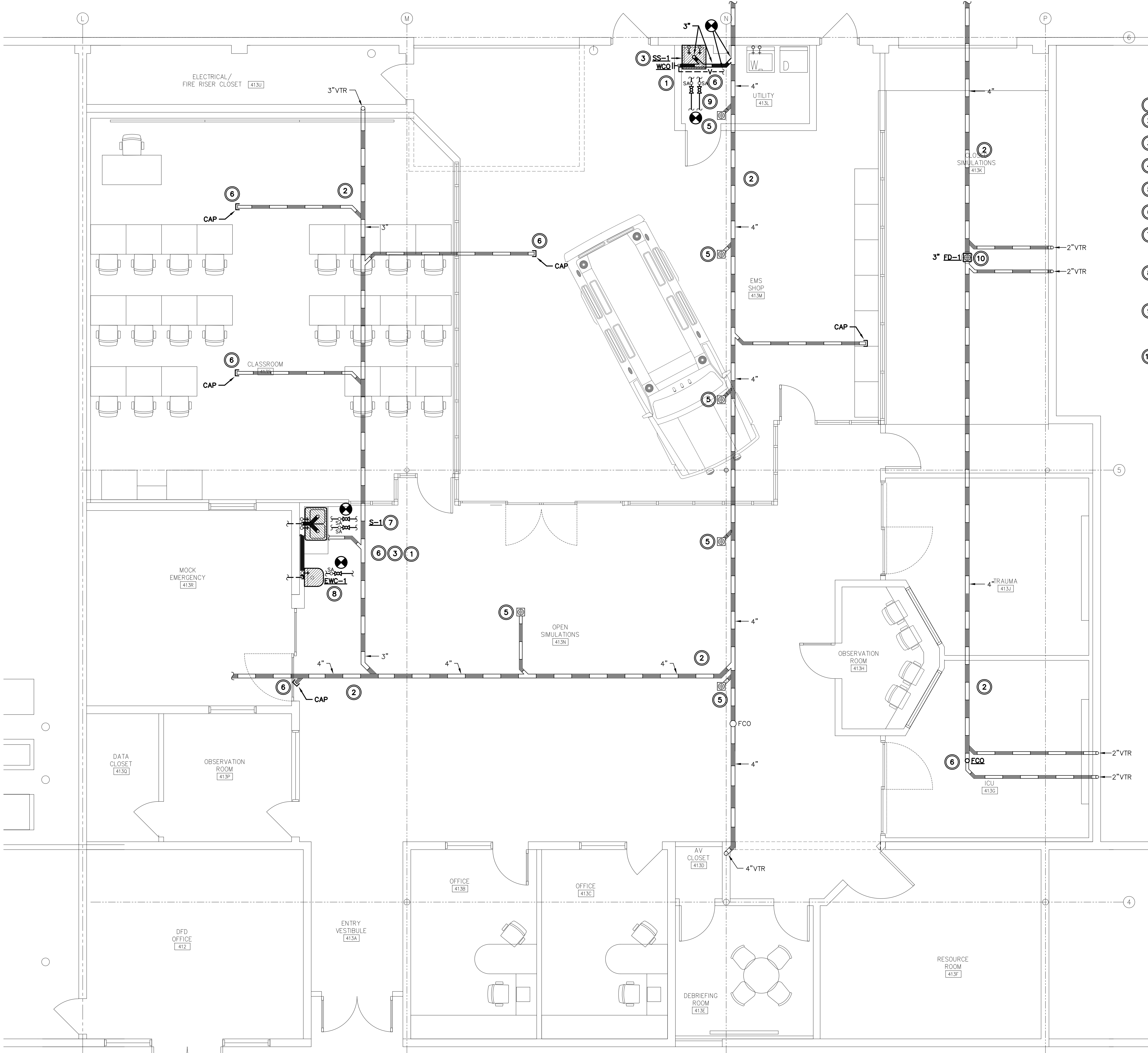
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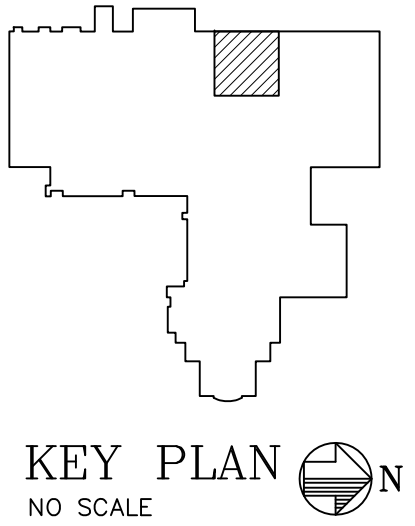
SHEET NUMBER:

P-1

- NOTES:**
- 1 NEW PIPING AND FIXTURES SHOWN BOLD (TYPICAL).
 - 2 EXISTING PIPING AND FIXTURE TO REMAIN SHOWN LIGHT (TYPICAL).
 - 3 SEE PD-1, PLUMBING FIXTURE SCHEDULE, FOR FIXTURE CONNECTION SIZE (TYPICAL).
 - 4 FIELD VERIFY EXACT LOCATION, SERVICE, AND SIZE OF ALL EXISTING PIPING (TYPICAL).
 - 5 FURNISH AND INSTALL SURE SEAL TRAP GUARD IN EXISTING FLOOR DRAIN. VERIFY FLOOR DRAIN SIZE.
 - 6 CUT AND PATCH EXISTING CONCRETE FLOOR TO MATCH EXISTING. COORDINATE WITH GENERAL CONTRACTOR.
 - 7 PROVIDE NEW ROUGH-IN FOR SINK IN FURRED OUT WALL. CONNECT TO EXISTING WATER AND VENT ABOVE CEILING. CUT INTO FLOOR AS REQUIRED TO ROUGH IN NEW SANITARY WASTE IN FURRED OUT WALL.
 - 8 PROVIDE NEW ROUGH-IN FOR WATER COOLER IN FURRED OUT WALL. CONNECT TO EXISTING WATER ABOVE CEILING. ROUTE SANITARY WASTE HORIZONTALLY IN FURRED OUT WALL AND TIE INTO WASTE FROM S-1.
 - 9 CONNECT NEW SERVICE SINK TO EXISTING WASTE AND VENT PIPING AT THIS APPROXIMATE LOCATION. PROVIDE 3/4" HOT AND COLD WATER FROM EXISTING SERVICES ABOVE CEILING. VERIFY LOCATION OF EXISTING ADEQUATELY SIZED HOT AND COLD WATER.
 - 10 EXTEND EXISTING DRAIN PIPE TO NEW FLOOR SURFACE AND INSTALL NEW FLOOR DRAIN. PROVIDE SURE SEAL TRAP GUARD.



1 PARTIAL FIRST FLOOR - PLUMBING PLAN



CAD#29066 JAN-26-17 L&B PROJ. #6657

PIPING IDENTIFICATION SCHEDULE															
SERVICE	CHILLED WATER SUPPLY & RETURN	CONDENSATE DRAIN	HEATING WATER SUPPLY & RETURN	LOW PRESSURE STEAM SUPPLY & CONDENSATE	REFRIGERANT LIQUID SUCTION & HOT GAS	NATURAL GAS LOW PRESS. MED. PRESS.	CONTROL AIR	FIRE AND SPRINKLERS	SITE SANITARY DRAIN	ROOF DRAIN	WASTE & VENT	SITE STORM DRAIN	DOMESTIC HOT & COLD WATER	CONDENSER WATER SUPPLY & RETURN	
SYMBOL	CWS CWR	CD	HWS HWR	LPS LPC	RL RHG	NG MG	CA	F	SS	RD	WASTE VENT	SSD	CW HCW	CS CR	
IDENTIFICATION	STENCILING ***	CWS CWR	CD	HWS HWR	LPS LPC	SOFT HOT GAS	LOW PRESS. MED. PRESS.	AIR OR CA	FIRE	NA	RD	WASTE VENT	NA	CW HCW	CS CR
STENCIL COLOR	BLACK	YELLOW	BLACK	BLACK	BLACK	WHITE	ORANGE	BLACK	RED	NA	YELLOW	WHITE	NA	BLACK	BLACK
PAINTED BAND **															
PIPE PAINT	WHITE	WHITE	WHITE	WHITE	WHITE	NA					WHITE	BLACK	NA	WHITE	WHITE

* NOT APPLICABLE
** BANDS TO BE MAXIMUM 20' C TO C & WHEN EXTENDING OF ENTERING PIPE CHASES OR FURRING SEE SPECS.
*** ALL PIPE AND DUCTS TO HAVE FLOW DIRECTION ARROWS ADJACENT TO STENCIL LABEL. NOTE: ALL SYMBOLS OR MATERIALS SHOWN ARE NOT NECESSARILY USED ON THIS JOB.

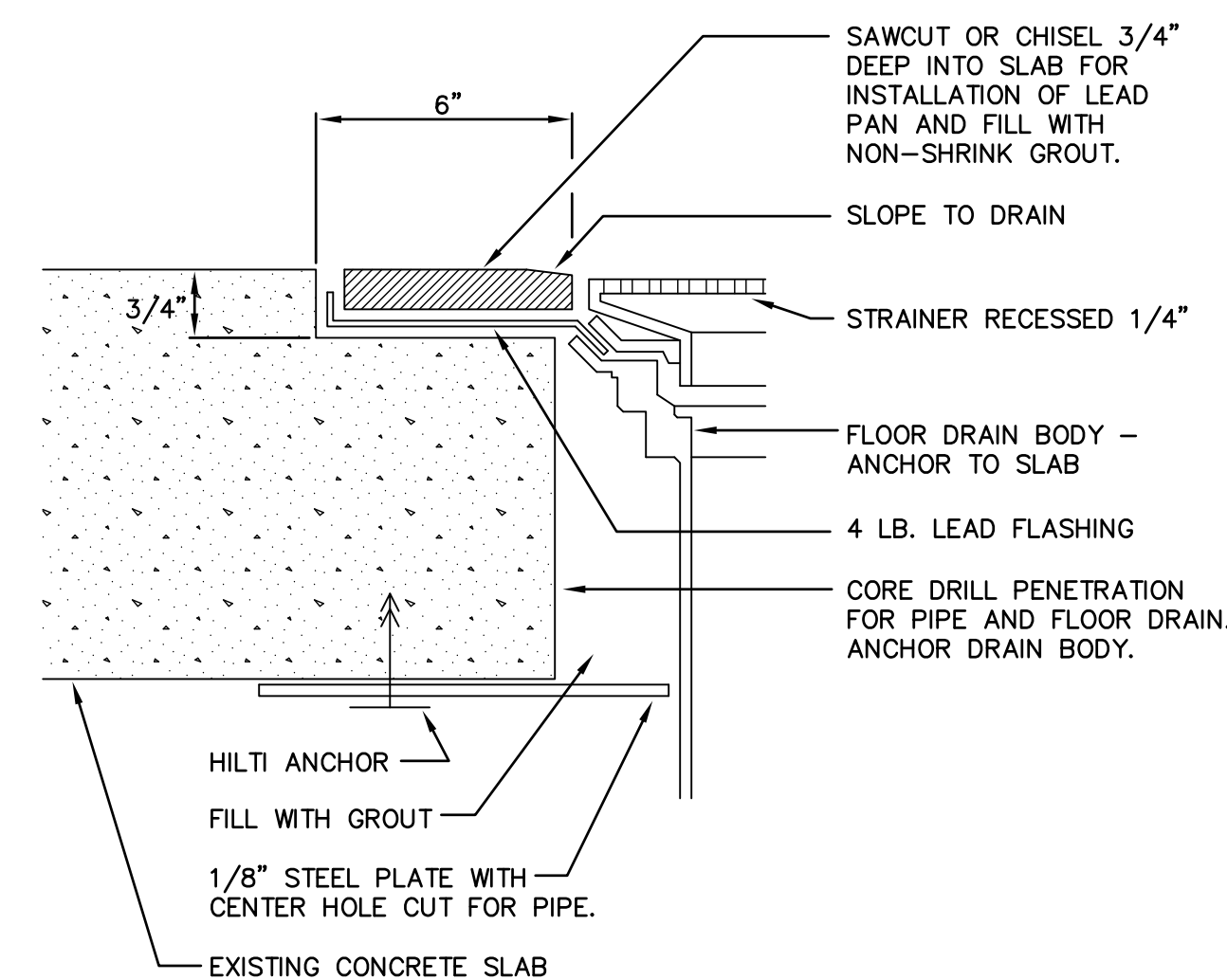
** PIPING SHALL BE MARKED PER OWNER'S STANDARDS.

PLUMBING FIXTURE CONNECTION SCHEDULE						
SYMBOL	FIXTURE TYPE	CW	HW	WASTE	VENT	REMARKS
SS-1	SERVICE SINK	3/4"	3/4"	3"	2"	FLOOR MOUNTED 24"x24"x12"
FD	FLOOR DRAIN	-	-	-	2"	SIZE ACCORDING TO PLANS
S	SINK	1/2"	1/2"	1-1/2"	1-1/2"	-
EWC	ELECTRIC WATER COOLER	1/2"	-	1-1/2"	1-1/2"	-

PIPING LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
-HWS-	HEATING WATER SUPPLY		FLEXIBLE CONNECTION
-HWR-	HEATING WATER RETURN		PIPE REDUCER
-CWS-	CHILLED WATER SUPPLY		VENTURI WATER FLOW MEASURING DEVICE
-CWR-	CHILLED WATER RETURN		TRAP (F & T, INVERTED BUCKET)
-HCWS-	COMBINATION HOT & CHILLED WATER SUPPLY		UNION
-HCWR-	COMBINATION HOT & CHILLED WATER RETURN		GAUGE
-CS-	CONDENSER WATER SUPPLY		THERMOMETER
-CR-	CONDENSER WATER RETURN		SANITARY WASTE (ABOVE FLOOR)
-LPS-	LOW PRESSURE STEAM (5#-15#)		SANITARY VENT (V)
-LPC-	LOW PRESSURE CONDENSATE		SANITARY WASTE (BELOW FLOOR OR GRADE)
#MPS#	MEDIUM PRESSURE STEAM (20#-100#)		SANITARY SEWER
#MPC#	MEDIUM PRESSURE CONDENSATE		CLEAN OUT
#HPS#	HIGH PRESSURE STEAM (ABOVE 100#)		ACID VENT
#HPC#	HIGH PRESSURE CONDENSATE		ACID WASTE
-DWS-	CHILLED DRINKING WATER SUPPLY		STORM DRAIN
-DWR-	CHILLED DRINKING WATER RETURN		DRAIN
-THWS-	TEMPERED HEATING WATER SUPPLY		FOOTING DRAIN
-THWR-	TEMPERED HEATING WATER RETURN		BOILER BLOW DOWN
-SCW-	SOFT COLD WATER		ROOF DRAIN
-SHW-	SOFT HOT WATER		VENT THRU ROOF
---180'	SANITIZING HOT WATER RETURN 180' F		ATMOSPHERIC VENT (STEAM OR HOT VAPOR)
---180'	SANITIZING HOT WATER SUPPLY 180' F		FUEL OIL SUPPLY
---	COLD WATER		FUEL OIL RETURN
---	HOT WATER SUPPLY 140' F		WET STAND PIPE
---	HOT WATER RETURN 140' F (HWRC)		MEDIUM PRESSURE GAS
-RL-	REFRIGERANT LIQUID		GAS (LOW PRESSURE)
-RS-	REFRIGERANT SUCTION		FIRE PROTECTION
-RHG-	REFRIGERANT HOT GAS		COMPRESSED AIR
	GATE VALVE		MEDICAL AIR
	BUTTERFLY VALVE		VACUUM (SUCTION)
	GLOBE VALVE		OXYGEN
	CHECK VALVE (WITH FLOW ARROW)		AIR OUTLET
	BALANCING VALVE (CIRCUIT SETTER)		VACUUM OUTLET
	GAS COCK		OXYGEN OUTLET
	2-WAY VALVE (PNEU. OR ELEC.)		FLOOR DRAIN
	3-WAY VALVE (PNEU. OR ELEC.)		SHOWER DRAIN
	BALL VALVE		AREA DRAIN
	SOLENOID VALVE		ROOF DRAIN
	PLUG VALVE		HOSE BIBB
	RELIEF VALVE		WALL HYDRANT
	PRESSURE REDUCING VALVE (PRV)		YARD HYDRANT IN 1'x1'x6" CONC. PAD
	STRAINER		CONNECTION POINT TO EXISTING
-NPCW-	NON-POTABLE COLD WATER		NON-POTABLE HOT WATER RETURN
-NPHW-	NON-POTABLE HOT WATER		

PLUMBING FIXTURE LIST

- S-1 SINK
ELKAY LRAD-331965 DOUBLE COMPARTMENT 18 GAUGE STAINLESS STEEL COUNTERTOP MOUNTED SELF-RIMMING 3-HOLE SINK WITH ELKAY LKD2432BH TRIM, TWO 14"x14"x6-1/2" COMPARTMENTS, ELKAY LK-35 BASKET STRAINER, 1-1/2" TAILPIECE AND TRAP.
- SS-1 SERVICE SINK
WILLIAMS SERVICEPTOR SQUARE MODEL TERRAZZO MOP SERVICE BASIN, 24"x24"x12" WITH STAINLESS STEEL CAP, NICKEL BRONZE STRAINER PLATE, 3" CAST BRASS WASTE FITTING, AND "P" TRAP. CHICAGO NO. 897-CP TRIM, ROUGH CHROMIUM PLATED. 36" LONG HOSE WITH 3/4" CHROME COUPLING, CHROME PLATED WALL HOOK AND MOP RACK.
- EWC-1 ELECTRIC WATER COOLER
ELKAY MODEL LZSBWSSK WALL MOUNT STAINLESS STEEL CABINET ELECTRIC WATER COOLER/BOTTLE FILLING STATION, R-134A REFRIGERANT, 1/5 HP, 5.3 AMPS, 120 VOLTS, 1 PHASE, 8 GPH OF SOF WATER AT 90F ROOM TEMPERATURE. PROVIDE STOP VALVE AND TRAP, FLEXI-GUARD SAFETY BUBBLER. MOUNT AT HEIGHT INDICATED ON ARCHITECTURAL DRAWINGS. PROVIDE WITH FACTORY INSTALLED 3000 GALLON WATER FILTER.
- SA SHOCK ABSORBER
ZURN Z1700 HYDRO-PNEUMATIC BELLOWS TYPE SHOCK ABSORBER. LOCATE AS SHOWN ON PLAN AND PLUMBING RISERS.
- FD-1 FLOOR DRAIN
ZURN ZN415-6B COATED CAST IRON, 6" TYPE B ADJUSTABLE NICKEL BRONZE STRAINER, P TRAP. SIZE AS SHOWN ON PLANS. PROVIDE WITH SURE SEAL TRAP GUARD.
- WCO WALL CLEANOUT
ZURN ZN1441 CLEANOUT WITH STAINLESS STEEL ACCESS COVER. MOUNT CLEANOUT 12" ABOVE FLOOD RIM OF SINK.
- FCO FLOOR CLEANOUT
ZURN ZN1400 ADJUSTABLE CAST IRON FLOOR CLEANOUT, NICKEL BRONZE TOP.



1 DRAIN INSTALLATION DETAIL IN EXISTING SLAB
NO SCALE

GH2
ARCHITECTS

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