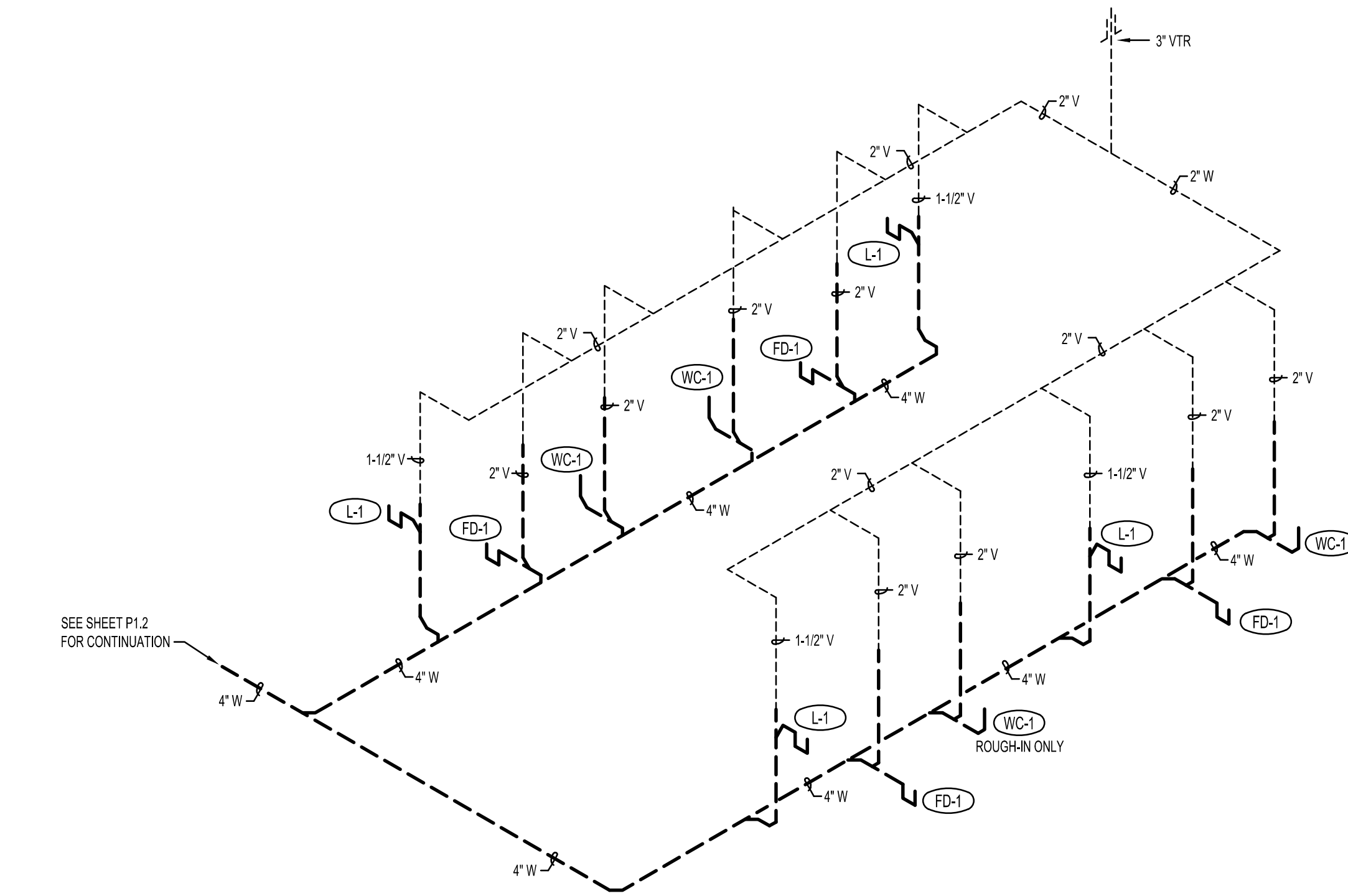


**WASTE AND VENT RISER DIAGRAM**  
NO SCALE (TOILET ROOMS 215, 216 & 217)



**WASTE AND VENT RISER DIAGRAM**  
NO SCALE (TOILET ROOMS 291, 220, 222 & 224)

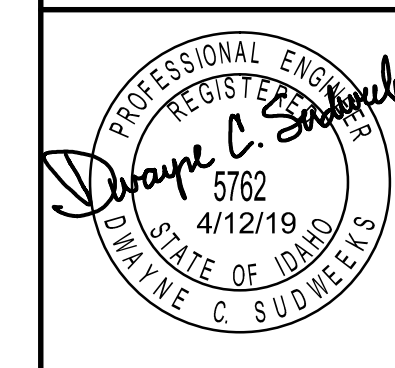
FIXTURE SCHEDULE					
SYM.	DESCRIPTION	HOT	COLD	WASTE	VENT
CS-1	CLASSROOM SINK - ELKAY PSDKAD217C STAINLESS STEEL SINK WITH LK208513L GOOSENECK FAUCET, LK1141A FLEX GUARD BUBBLER, LK-35 STRAINER, 1/2" STOPS AND 1-1/2" P-TRAP. PROVIDE RIGHT OR LEFT HANDLER CONFIGURATION AS REQUIRED.	1/2"	1/2"	1-1/2"	1-1/2"
DF-1	BLEVEL DRINKING FOUNTAIN - ELKAY LZSTLW6SK WITH EZH2O BOTTLE FILLING STATION, FRONT AND SIDE EASY TOUCH CONTROLS, FLEX-GUARD BUBBLER, 1/2" STOP VALVE AND 1-1/2" P-TRAP (120601)	--	1/2"	1-1/2"	1-1/2"
EW-1	EMERGENCY EYEWASH - HAW MODEL 7260B WALL MOUNTED EYE WASH WITH 11" Dia. PLASTIC RECEPTOR, ALUMINUM WALL BRACKET AND STAY-OPEN VALVE. RUN 1-1/2" WASTE LINE TO ADJACENT SERVICE SINK. REFER TO DETAIL FP3.1	--	1/2"	1-1/2"	TO SERVICE SINK
FD-1	2" FLOOR DRAIN - ZURN Z-415 WITH TYPE 'B', 5" Dia. NICKEL-BRONZE STRAINER, 2" DEEP SEAL P-TRAP AND TRAP PRIMER CONNECTION.	--	1/2"	2"	2"
FS-1	FLOOR SINK WITH HALF GRATE - ZURN Z-1900-2 WITH 1/2 GRATE, DOME STRAINER, WHITE ENAMEL FINISH, 4" DEEP SEAL P-TRAP AND TRAP PRIMER CONNECTION.	--	1/2"	4"	2"
HB-1	EXTERIOR HOSE BIBB - ZURN Z-1310 "ECOLOTROL" WITH REMOVABLE KEY, VACUUM BREAKER, AND AUTOMATIC DRAIN. LENGTH TO SUIT WALL THICKNESS. SEE DETAIL BPS.1	--	3/4"	--	--
HB-2	INTERIOR HOSE BIBB - WOODFORD MODEL 24P-1/2 WITH VACUUM BREAKER AND REMOVABLE CHROME TEE HANDLE.	--	1/2"	--	--
JS-1	FLOOR MOUNTED SERVICE SINK - KOHLER K-6710 "WHITBY" WITH K-8840 WIRE RIM GUARD, K-8928 FAUCET ASSEMBLY AND K-9147 DRAIN ASSEMBLY WITH 2" DEEP SEAL P-TRAP.	1/2"	1/2"	2"	2"
L-1	WALL HUNG LAVATORY - KOHLER K-2032 "GREENWICH" (SIZE 20x18) WITH K-13885 OFFSET OPEN GRID STRAINER, SLOAN EBF-85 OPTIMA AUTO FAUCET, WALL CARRIER, 1/2" STOPS & 1-1/2" P-TRAP. PROVIDE INSULATING JACKET ON WATER AND WASTE LINES.	1/2"	1/2"	1-1/2"	1-1/2"
L-2	WASH BASIN - BRADLEY MODEL MF2344 "TERREON TRI-FOUNT WITH SINGLE TEMPERED LINE, PRE-ASSEMBLED THERMOSTATIC MIXING VALVE AND INFRARED SENSORS.	3/4"	3/4"	2"	2"
L-3	WASH BASIN - BRADLEY MODEL MF2354 "TERREON QUAD-FOUNT WITH SINGLE TEMPERED LINE, PRE-ASSEMBLED THERMOSTATIC MIXING VALVE AND INFRARED SENSORS.	3/4"	3/4"	2"	2"
OD-1	4" OVERFLOW DRAIN - JAY R. SMITH MODEL 1080 WITH UNDER DECK CLAMP, DOME STRAINER, 2" HIGH WATER DAM AND 4" LINE CONNECTION.	--	--	4"	--
OD-2	6" OVERFLOW DRAIN - JAY R. SMITH MODEL 1080 WITH UNDER DECK CLAMP, DOME STRAINER, 2" HIGH WATER DAM AND 6" LINE CONNECTION.	--	--	6"	--
RD-1	4" ROOF DRAIN - JAY R. SMITH MODEL 1010 WITH UNDER DECK CLAMP, DOME STRAINER AND 4" LINE CONNECTION.	--	--	4"	--
RD-2	6" ROOF DRAIN - JAY R. SMITH MODEL 1010 WITH UNDER DECK CLAMP, DOME STRAINER AND 6" LINE CONNECTION.	--	--	6"	--
RP-1	RECIRC. PUMP - B&G SERIES LR-208F "LITTLE RED" WITH 4 GPM FLOW AT 8' HEAD AND 3/4" LINE CONNECTIONS. MOUNT NEAR WATER HEATER. REFER TO DETAIL NP3.1 FOR TYPICAL CONNECTION. 1208011 - 1/20 HP	--	--	4"	--

FIXTURE SCHEDULE					
SYM.	DESCRIPTION	HOT	COLD	WASTE	VENT
S-1	DOUBLE COMPARTMENT SINK - ELKAY LR-3319 STAINLESS STEEL SINK WITH (2) LK-35 STRAINERS, MOEN T200 SINGLE LEVER FAUCET, 1/2" STOPS AND 1-1/2" P-TRAP.	1/2"	1/2"	1-1/2"	1-1/2"
SH-1	ADA PRE-FAB SHOWER STALL - LASCO MODEL 8030CFS COMPLETE WITH GRAB BARS, FOLD-DOWN SEAT, HAND-HELD SHOWER ASSEMBLY WITH SLIDE BAR, PRESSURE BALANCING MIXING VALVE, SOAP DISH, CURTAIN ROD AND SHOWER CURTAIN, AND PERFORATED STRAINER WITH 2" DEEP SEAL P-TRAP. MOUNT SHOWER HEAD AND FAUCET AT END OF UNIT. PROVIDE RUBBER DAM WITH UNIT FOR ADA ACCESSIBILITY.	1/2"	1/2"	2"	2"
TP-1	TRAP PRIMER FOR SINGLE DRAINS - ZURN Z-1022XL IN-LINE PRIMER. MOUNT RECESSED IN WALL BELOW SINK WHERE SHOWN ON PLANS. RUN 1/2" COLD WATER LINE BELOW FLOOR TO SINGLE FLOOR DRAIN OR FLOOR SINK. REFER TO DETAIL FP3.1.	--	1/2"	--	--
TP-2	TRAP PRIMER FOR MULTIPLE DRAIN - ZURN Z-1020XL 10-CW ELECTRONIC TRAP PRIMER SYSTEM. SURFACE MOUNT ON WALL WITH COVER. RUN 1/2" COLD WATER LINE BELOW FLOOR TO EACH FLOOR DRAIN AS SHOWN ON PLAN. REFER TO DETAIL MP3.1.	--	3/4"	--	--
U-1	WALL MOUNTED URINAL - KOHLER K-4984-T "FRESHMAN" WITH SLOAN 8188 OPTIMA PLUS (BATTERY POWERED) SENSOR FLUSH VALVE AND WALL CARRIER. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS.	--	3/4"	2"	2"
WC-1	ADA FLUSH VALVE WATER CLOSET - KOHLER K-4368 "HIGHCLIFF" WITH ELONGATED BOWL, K-4670C OPEN FRONT SEAT, SLOAN 8111 OPTIMA PLUS (BATTERY POWERED) SENSOR FLUSH VALVE AND BOLT CAPS.	--	1"	4"	2"
WC-2	FLUSH VALVE WATER CLOSET - KOHLER K-4350 "WELLCOMME" WITH ELONGATED BOWL, K-4670-C OPEN FRONT SEAT, SLOAN 8111 OPTIMA PLUS (BATTERY POWERED) SENSOR FLUSH VALVE AND BOLT CAPS.	--	1"	4"	2"
WF-1	4" WALL FLANGE - JAY R. SMITH MODEL 1770 WITH ROUGH BRONZE FINISH, WALL FLANGE AND 4" LINE CONNECTION.	--	--	4"	--
WF-2	6" WALL FLANGE - JAY R. SMITH MODEL 1770 WITH ROUGH BRONZE FINISH, WALL FLANGE AND 6" LINE CONNECTION.	--	--	6"	--
WH-1	ELECTRIC WATER HEATER - A.O. SMITH MODEL ECL-50 WITH 50 GALLON CAPACITY, (2) 4.5 KW NON-SIMULTANEOUS ELEMENTS (208/60V), 3/4" SUPPLIES AND T&P RELIEF VALVE, THERMAL EXPANSION TANK, HEAT TRAP NIPPLES AND SYMMONS T-200 MIXING VALVE. SEE DETAIL AP3.1.	3/4"	3/4"	--	--
WH-2	GAS WATER HEATER - A.O. SMITH MODEL GPDX-75 WITH 75 GALLON CAPACITY, 70,000 BTU INPUT, 3/4" SUPPLIES AND T&P RELIEF VALVE, AMTROL ST-5 THERMAL EXPANSION TANK, HEAT TRAP NIPPLES AND SYMMONS T-200 MIXING VALVE. SEE DETAIL LP3.1.	3/4"	3/4"	--	--

**GENERAL NOTES:**

- A- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.
- B- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.
- C- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.
- D- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.
- E- DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.
- F- ALL DUCTWORK AND PIPING WHICH PASSES THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS  
DATE ORIGINAL SIGNED: April 12, 2019 ORIGINAL ON FILE AT:  
ENGINEERED SYSTEMS ASSOCIATES 1355 EAST CENTER,  
POCATELLO, IDAHO 83201



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ADDITION & REMODEL FOR:  
**HARWOOD ELEMENTARY**  
JEFFERSON JOINT SCHOOL DISTRICT NO. 251  
200 W 3RD N, RIGBY, IDAHO 83442

PROJECT:  
SHEET TITLE:  
PLUMBING FIXTURE SCHEDULE

REVISIONS

PROJECT NO.  
16070  
DATE:  
APRIL 2019  
DRAWN BY:  
M JENSEN  
CHECKED BY:  
D SUDWEEKS

DRAWING NO.:  
**P3.2**