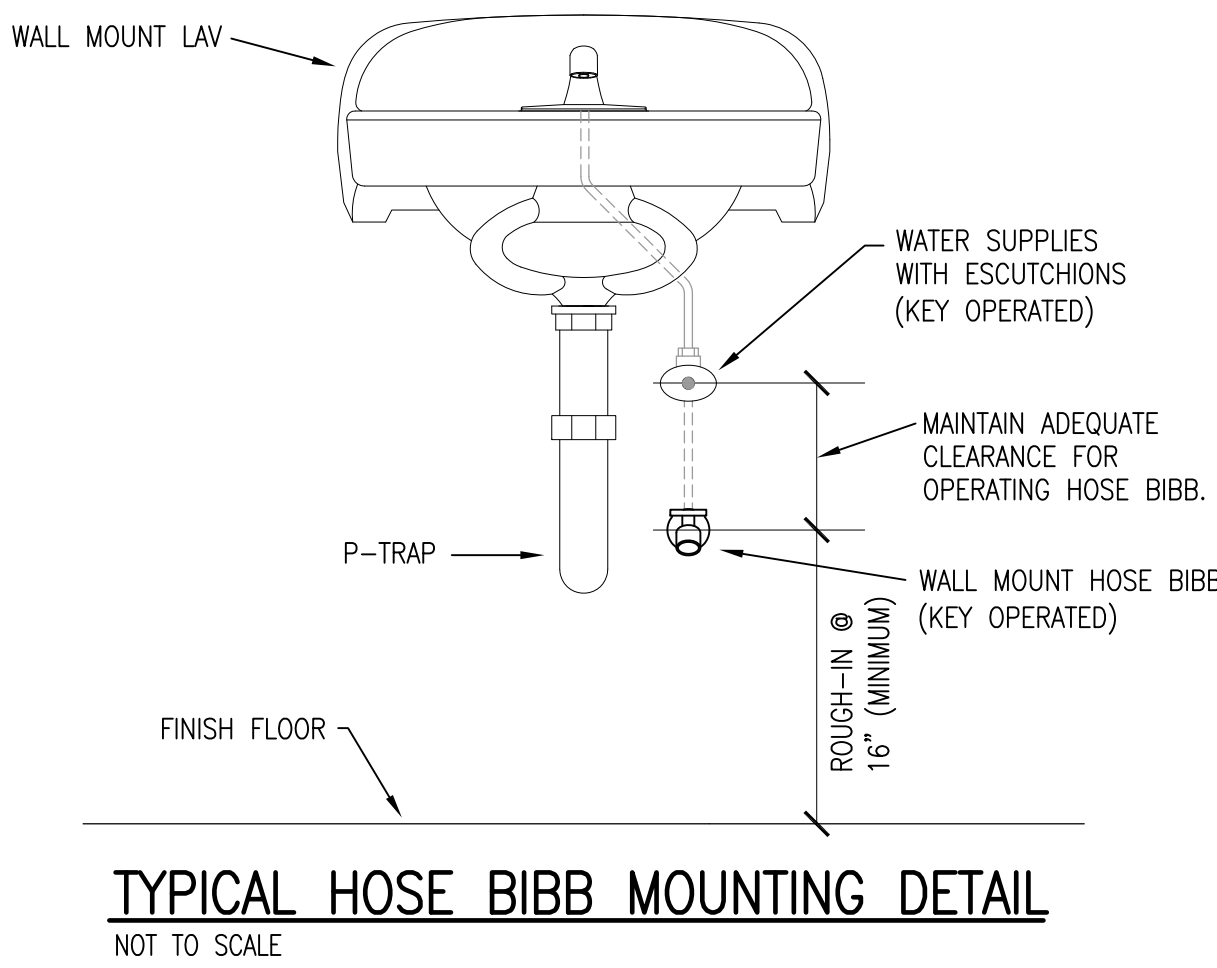


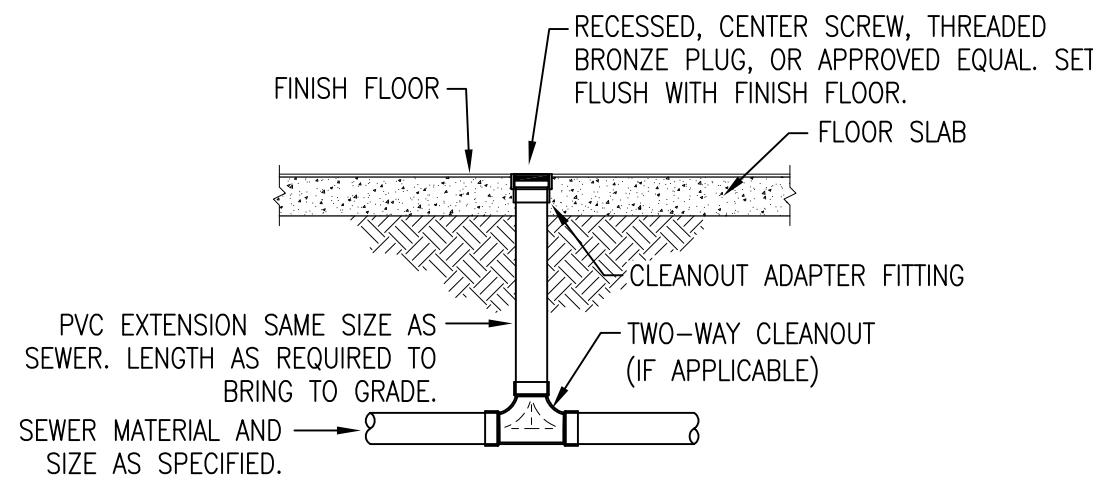
PLUMBING FIXTURE CONNECTION SCHEDULE						
MARK #	FIXTURE TYPE	MANUFAC. & MODEL	CONNECTIONS			REMARKS ① ②
			WASTE	CW	HW	
P-1	FLUSH VALVE WATER CLOSET	AMERICAN STANDARD 2234.001	3"	1"	-	VIT. CHINA, WHITE, ENLONG. BOWL, FLOOR MOUNTED WITH OLSONITE #95 OPEN FRONT SEAT WITHOUT COVER, SLOAN ROYAL 111-1.28 MANUAL FLUSH VALVE.
P-2	WALL MOUNTED LAVATORY	AMERICAN STANDARD 0355.012	1-1/2" X 1-1/4"	1/2"	-	VIT. CHINA, WHITE, PROVIDE WALL HANGER PLATE WITH CONCEALED ARMS SUPPORT AND CHICAGO 857-665PSHCP METERING FAUCET, OFFSET P-TRAP & GRID STRAINER.
P-3	SINK W/BUBBLER	JUST DCR-1737-A-GR-L	1-1/2"	1/2"	-	STAINLESS STEEL, 18 GAUGE, 7-1/2" DEEP SINGLE COMPARTMENT SINK WITH JUST JGN-1AC-VR RIGID SPOUT GOOSENECK FAUCET, BUBBLER BOWL ON LEFT WITH JUST JSB-10-VR-FLX BUBBLER WITH FLEXIBLE MOUTH GUARD.
P-3A	SINK W/BUBBLER	JUST DCR-1737-A-GR-R	1-1/2"	1/2"	-	STAINLESS STEEL, 18 GAUGE, 7-1/2" DEEP SINGLE COMPARTMENT SINK WITH JUST JGN-1AC-VR RIGID SPOUT GOOSENECK FAUCET, BUBBLER BOWL ON RIGHT WITH JUST JSB-10-VR-FLX BUBBLER WITH FLEXIBLE MOUTH GUARD.
FD	FLOOR DRAIN	SIoux CHIEF 832-3DNR	3"	-	-	DUCTILE IRON BASE, BOTTOM OUTLET, ADJUSTABLE CORING SLEEVE AND HEAD ADAPTER, NICKEL BRONZE STRAINER AND TRAP PRIMER CONNECTION.
TP	TRAP PRIMER	SIoux CHIEF 695-01	-	1/2"	-	BRASS PLATED BODY, 1/2" WATER CONNECTION, DEBRIS SCREEN, PROVIDE WITH DISTRIBUTION UNIT IF SERVING MORE THAN ONE TRAP. LOCATE TPV IN ACCESSIBLE LOCATION IN MECHANICAL ROOM.
HB	HOSE BIBB	ZURN Z1341-BFP-P34-LK	-	3/4"	-	BRONZE BODY, 3/4" WATER CONNECTION, INTEGRAL VACUUM BREAKER, LOOSE KEY OPERATION.
WH	WALL HYDRANT	ZURN 1305	-	3/4"	-	ENCASED, NON-FREEZE, FLUSH MOUNTED BRONZE WALL HYDRANT, 3/4" WATER CONNECTION, INTEGRAL VACUUM BREAKER, NICKEL BRONZE BOX AND KEY OPERATED DOOR.
GCO	GRADE CLEANOUT	SIoux CHIEF 851-64I	4"	-	-	ADJUSTABLE CAST IRON CLEANOUT WITH PUSH JOINT ADAPTER AND CLEANOUT PLUG. STAMPED COVER WITH "CO" AND VANDAL RESISTANT COVER SCREWS. ADJUSTABLE COVER.
FCO	FLOOR CLEANOUT	SIoux CHIEF 834-4DNR	4"	-	-	ADJUSTABLE DUCTILE IRON CLEANOUT WITH BASE ADAPTER AND ROUND NICKEL-BRONZE COVER. POST-POUR ADJUSTMENT. STAMPED COVER WITH "FCO" AND VANDAL RESISTANT COVER SCREWS.

① SEE ARCHITECTURAL SHEETS FOR HANDICAPPED ACCESSIBILITY.

② PROVIDE MANUFACTURERS AND MODEL NUMBERS LISTED ABOVE OR APPROVED EQUALS.



TYPICAL HOSE BIBB MOUNTING DETAIL  
NOT TO SCALE



FINISH FLOOR CLEANOUT DETAIL  
NOT TO SCALE

WATER HAMMER ARRESTOR SCHEDULE				
MARK	MODEL	SIZING DATA		REMARKS
		CONNECTION SIZE	WSFU VALUE	
WHA-A	SIoux CHIEF 652-A	1/2"	1-11	①②
WHA-B	SIoux CHIEF 652-B	3/4"	12-32	①②
WHA-C	SIoux CHIEF 652-C	1"	33-60	①②
WHA-D	SIoux CHIEF 652-D	1"	61-113	①②

① SIZES BASED ON PLUMBING AND DRAINAGE INSTITUTE STANDARD PDI-WH201.

② INSTALL PER MANUFACTURERS RECOMMENDATIONS.

## GENERAL PLUMBING NOTES

- ① THE CONTRACTOR SHALL EXECUTE ALL WORK SO THAT IT PROCEEDS WITH A MINIMUM INTERFERENCE WITH OTHER TRADES.
- ② VERIFY EXACT PLUMBING FIXTURE ROUGH-IN AND FINAL HVAC EQUIPMENT REQUIREMENTS IN THE FIELD.
- ③ THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO PLUMBING FIXTURES. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING ALL TRAPS, DRAINS, AND SUPPLIES WITH STOPS. FURNISH AND INSTALL PLUMBING FIXTURES INDICATED OR SPECIFIED, COMPLETE WITH ALL EQUIPMENT, FITTINGS, TRIM AND ACCESSORIES INDICATED OR SPECIFIED. EXPOSED WATER PIPING TO FIXTURES SHALL BE CHROME-PLATED BRASS, IPS. ADJUST WATER FLOW THROUGH ALL FIXTURES TO PROVIDE PROPER FLUSHING ACTION WITH THE LEAST AMOUNT OF WATER.
- ④ COORDINATE ROUTING OF WATER SUPPLY, WASTE, AND VENT PIPING WITH OTHER TRADES.
- ⑤ THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES ALL REQUIRED OPENINGS AND EXCAVATIONS.
- ⑥ ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED A MINIMUM OF 12" ABOVE THE ROOF. ALL VENTS SHALL BE A MINIMUM OF 10 FEET FROM ANY OUTSIDE AIR INTAKE.
- ⑦ ALL FLOOR DRAINS SHALL HAVE A 6" DEEP SEAL AND TRAPS WITH TRAP PRIMERS AS REQUIRED BY CODE. CONTRACTOR TO ENSURE THAT EACH TRAP PRIMER VALVE IS CLEANED AND FREE OF DEBRIS JUST PRIOR TO PROJECT COMPLETION. FLUSH STRAINER FLOOR DRAINS SHALL BE CAST BRONZE OR NICKEL BRONZE STRAINER WITH ADJUSTABLE COLLAR AND DOUBLE DRAINAGE FLANGE.
- ⑧ FLOOR CLEANOUTS SHALL BE ADJUSTABLE HEIGHT POLISHED BRONZE, NICKEL BRONZE WITH "CO" CAST IN THE FLOOR PLATE.
- ⑨ PROVIDE STOPS AND SHOCK ABSORBERS IN ACCORDANCE WITH PDI AND ASSE 1010. AN ACCESS PANEL MUST BE INSTALLED IF WATER HAMMER ARRESTER IS LOCATED INSIDE A WALL OR ABOVE A HARD CEILING. COORDINATE OPENINGS WITH ARCHITECT.
- ⑩ PROVIDE DIELECTRIC UNIONS AT ALL DISSIMILAR METAL CONNECTIONS.
- ⑪ INSULATE ALL WATER PIPING. DOMESTIC WATER PIPE NOT EXPOSED TO VIEW SHALL BE INSULATED WITH 1/2" THICK GLASS FIBER WITH FACTORY APPLIED UNIVERSAL JACKET. DENSITY SHALL BE 4 POUNDS PER CUBIC FOOT. FITTINGS SHALL BE INSULATED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. INSULATION VAPOR BARRIER SHALL BE LAPPED AND CEMENTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DOMESTIC WATER PIPE EXPOSED TO VIEW SHALL BE INSULATED SAME AS WHERE NOT EXPOSED TO VIEW, EXCEPT IT SHALL BE FINISHED WITH A SIZED UNIVERSAL JACKET SUITABLE FOR PAINTING. FITTING SHALL BE MADE OF "QUICKSET" CEMENT MOLDED TO FIT AND COVERED WITH 8 OZ. CANVAS AND FINISHED WITH WHITE VAPOR BARRIER CEMENT, AND HAVE PLASTIC MOLDED FITTING COVERS. INSULATE DOMESTIC WATER AND WASTE PIPING UNDER HANDICAP LAVATORIES AND SINKS USING "LAVGUARD2 E-Z SERIES" MOLDED VINYL PIPING COVERS. COVER ALL PIPING, FITTING, VALVES, AND TRAPS EXPOSED TO VIEW.

- ⑫ ROUTE ALL PIPING AS TO CAUSE MINIMAL INTERFERENCE FOR MAINTENANCE OF ALL EQUIPMENT. UNLESS OTHERWISE NOTED, ALL DOMESTIC WATER PIPING SHALL BE ROUTED WITHIN CEILING SPACE. PIPING BELOW SLAB SHALL BE WITHOUT JOINTS AND TEES. PIPING PASSING THRU WALLS EXTENDING TO BOTTOM OF STRUCTURE SHALL BE SLEEVED AND SEALED. ALL DOMESTIC WATER PIPING ROUTED EXPOSED BELOW 6'-8" ABOVE FINISH FLOOR SHALL BE PROVIDED WITH A PVC JACKET TO PREVENT DAMAGE TO THE PIPE.
- ⑬ PROVIDE SHUTOFF VALVE TO EACH SILLCOCK WITH VALVE IDENTIFICATION AS REQUIRED BY CODE.
- ⑭ BEFORE FINAL ACCEPTANCE OF THE WORK, TEST EACH SYSTEM AS IN SERVICE TO DEMONSTRATE COMPLIANCE WITH FLORIDA PLUMBING CODE AND LOCAL CODE REQUIREMENTS. ONCE TEST ARE IN COMPLIANCE WITH CONTRACT REQUIREMENTS DISINFECT WATER SYSTEM IN ACCORDANCE WITH ANWWA C651.
- ⑮ CLEARLY NOTE ANY DEVIATIONS FROM PLANS OR SPECIFICATIONS ON SUBMITTALS.
- ⑯ CONTRACTOR SHALL VERIFY ALL WASTE AND WATER SUPPLY PIPE SIZES, LOCATIONS, INVERTS, AND DIRECTIONS OF FLOW WITH THE CIVIL DRAWINGS, SITE UTILITIES CONTRACTOR, AND EXISTING CONDITIONS PRIOR TO BEGINNING ANY NEW WORK. ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT.
- ⑰ PIPE HANGERS AND SUPPORTS SHALL BE MSS SP-58 AND MSS SP-69, TYPE 1 OR 6, OF THE ADJUSTABLE TYPE, EXCEPT AS INDICATED OTHERWISE. ATTACHMENTS TO STEEL W OR S BEAMS SHALL BE WITH TYPE 21, 28, 29, OR 30 CLAMPS. ATTACHMENTS TO STEEL ANGLES AND CHANNELS (WITH WEB VERTICAL) SHALL BE WITH TYPE 20 CLAMP WITH A BEAM CLAMP CHANNEL ADAPTER. ATTACHMENTS TO STEEL CHANNEL (WITH WEB HORIZONTAL) SHALL BE WITH DRILLED HOLE ON CENTERLINE AND DOUBLE NUT AND WASHER. ATTACHMENTS TO CONCRETE SHALL BE WITH TYPE 18 INSERT OR A DRILLED HOLE WITH EXPANSION ANCHOR. HANGER RODS AND ATTACHMENTS SHALL BE FULL SIZE OF THE HANGER-THREADED DIAMETER. PROVIDE TYPE 40 INSULATION PROTECTION SHIELDS FOR INSULATED PIPING. PROVIDE STEEL SUPPORT RODS. PROVIDE NONMETALLIC, HAIR FELT, OR PLASTIC PIPING ISOLATORS BETWEEN COPPER TUBING AND THE HANGERS.
- ⑱ LABEL ALL WATER SERVICE VALVES IN ACCORDANCE WITH APPLICABLE CODES.
- ⑲ COORDINATE EXACT FLOOR DRAIN LOCATIONS ARCHITECTURAL DRAWNGS. SLOPE ENTIRE ROOM TO DRAINS.
- ⑳ ROUTE SANITARY PIPING AS HIGH AS POSSIBLE TO AVOID CONFLICT WITH FOOTERS.
- ㉑ PROVIDE CHROME PLATED WASTE AND WATER SUPPLY PIPING IN CABINETS AND WHERE EXPOSED TO VIEW.

## PLUMBING LEGEND

	SANITARY WASTE PIPING. SIZED AS SHOWN.	FCO	FLOOR CLEANOUT
	SANITARY WASTE VENT PIPING. SIZED AS SHOWN.	FD	FLOOR DRAIN WITH TRAP PRIMER. SIZED AS SHOWN
	COLD WATER PIPING. SIZED AS SHOWN.	TP	TRAP PRIMER
	TRAP PRIMER WATER PIPING	LAV	LAVATORY
	P-TRAP	UR	URINAL
	BALL VALVE FOR SHUT-OFF SERVICE.	HB	3/4" HOSE BIBB WITH VACUUM BREAKER & LOOSE KEY OPERATOR
	CHECK VALVE.	VTR	VENT THROUGH ROOF. SIZED AS SHOWN.
	PIPING TURNED UP	P-#	PLUMBING FIXTURE NUMBER. SEE SCHEDULE ON THIS SHEET.
	PIPING TURNED DOWN	A.F.F.	ABOVE FINISHED FLOOR
	PIPING TURNED DOWN	TPV	TRAP PRIMER VALVE
WC	WATER CLOSET	WHA	WATER HAMMER ARRESTOR
SS	SERVICE SINK		NEW TO EXISTING POINT OF CONNECTION



PINDER-MARTIN  
ASSOCIATES, INC.  
1001 N. 12th AVENUE  
PENSACOLA, FL 32501  
850-439-9110

AA26000896

PROJECT:  
5 CLASSROOM ADDITION

LOCATION:  
WEST NAVARRE INTERMEDIATE  
SCHOOL  
1970 COTTON BAY LANE  
NAVARRE, FL 32566

CONSULTANTS:

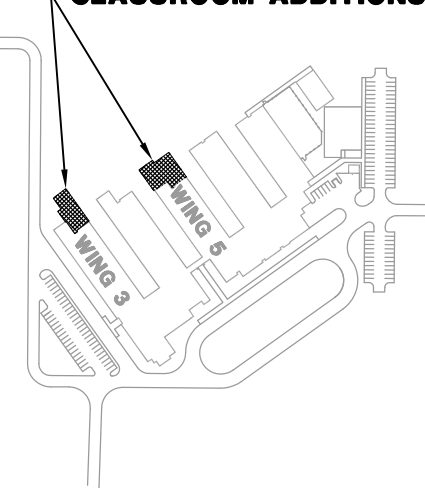
JEHLE-HALSTEAD INC.  
49 EAST CHASE STREET  
PENSACOLA, FL 32502

CRAFT & WEBSTER  
STRUCTURAL ENGINEERING, INC.  
129 HIGHPOINT DRIVE  
GULF BREEZE, FL 32561

GULF BREEZE CONSULTING, INC.  
139 EAST GOVERNMENT STREET  
PENSACOLA, FL 32502

ADAMS CONSULTING  
ENGINEERING, INC.  
3 WEST GARDEN STREET - SUITE 362  
PENSACOLA, FL 32502

## NEW CLASSROOM ADDITIONS



WEST NAVARRE  
INTERMEDIATE

No.	Revision/Issue	Date

KENNETH L. GONZALEZ  
ENGINEER OF RECORD  
PE 61015

DRAWN BY: KMJS  
CHECKED BY: KLG  
PINDER-MARTIN ASSOCIATES, INC.  
PROJECT #: 21118.03  
REVIEW: 09-08-11  
PERMITTING: 09-09-11  
RELEASE FOR BIDDING: 09-19-11

## PLUMBING NOTES SCHEDULES AND DETAILS

P0.1