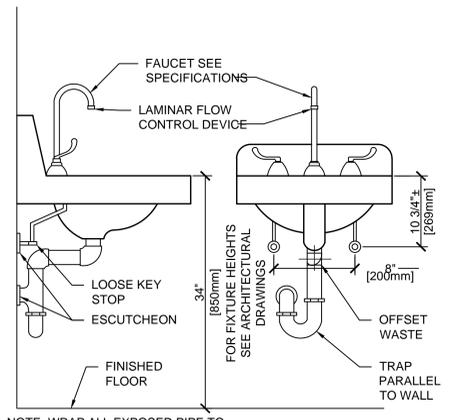


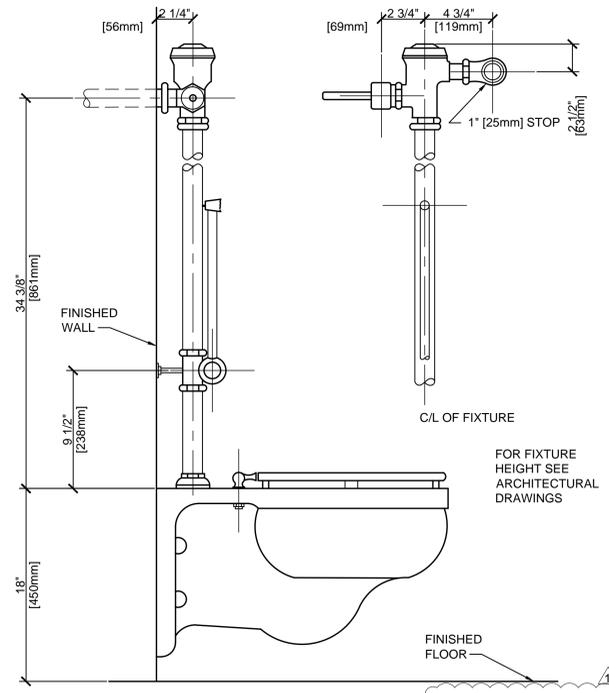
three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



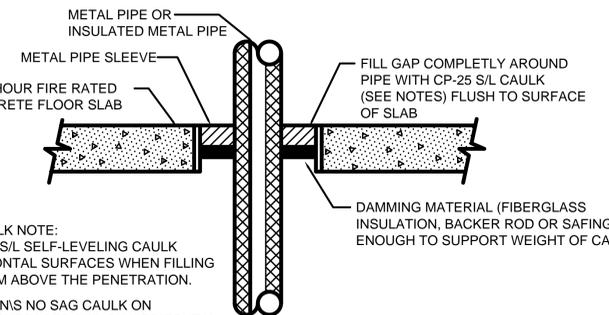
1 TYPICAL WHEELCHAIR LAVATORY DETAIL
 NTS

- NOTES:**
- CENTER CP-25 N/S CAULK WITHIN WALL WITH DAMMING MATERIAL ON ONE SIDE.
 - DEPTH OF CP-25 CAULK:

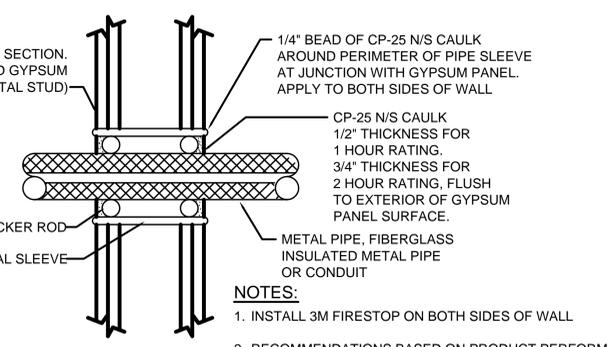
WET DEPTH	PIPE SIZE	FIRE RATING
1/2"	MAX 8"	1-2 HOURS
1"	MAX 8"	3-4 HOURS
 - RECOMMENDATIONS BASED ON PRODUCT PERFORMANCE PER ASTM E-814 (UL 1479) FIRE TEST AND UL CLASSIFICATION FIRE STOP SYSTEM 49.
 - UP TO 40% SHRINKAGE OF CP-25 N/S OR S/L CAULK IS ACCEPTABLE AFTER INITIAL WET DEPTH INSTALLATION.
 - MAXIMUM ANNULAR SPACE TO BE FILLED IS 2-1/2"
 - IT IS NOT NECESSARY TO REMOVE INSULATION AS IT PENETRATES THE WALL OR FLOOR WHEN USING 3M FIRE BARRIER.
 - FOR INSULATED METAL PIPE:
 - DEPTH OF CP-25 CAULK DEPENDS ON INSULATION THICKNESS: 1" OF INSULATION - 1" DEPTH OF CP-25 N/S OR S/L 2"-3" OF INSULATION - 2" DEPTH OF CP-25 N/S OR S/L
 - MINIMUM ANNULAR SPACE TO BE FILLED IS 3/4". MAXIMUM ANNULAR SPACE TO BE FILLED IS 2-1/2"
 - RECOMMENDATIONS BASED ON PRODUCT PERFORMANCE PER ASTM E-814 (UL 1479) TIME TEMPERATURE CURVE FIRE EXPOSURE. UL CLASSIFIED PER SYSTEM 91



2 WATER CLOSET DETAIL
 NTS



FLOOR PENETRATION - SECTION VIEW

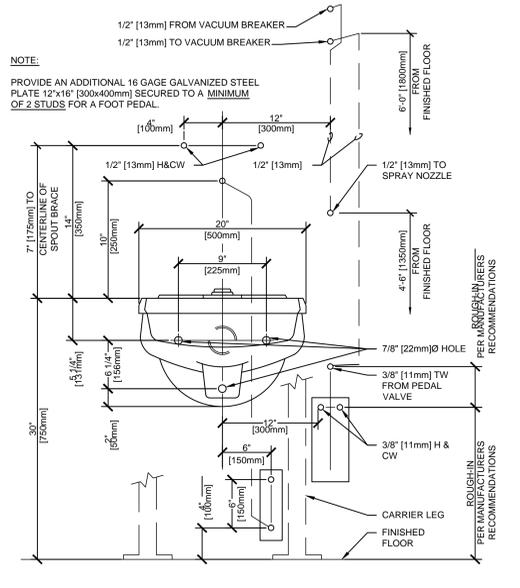


3 PIPE PENETRATION THRU FIRE-RATED WALLS/FLOORS
 NTS

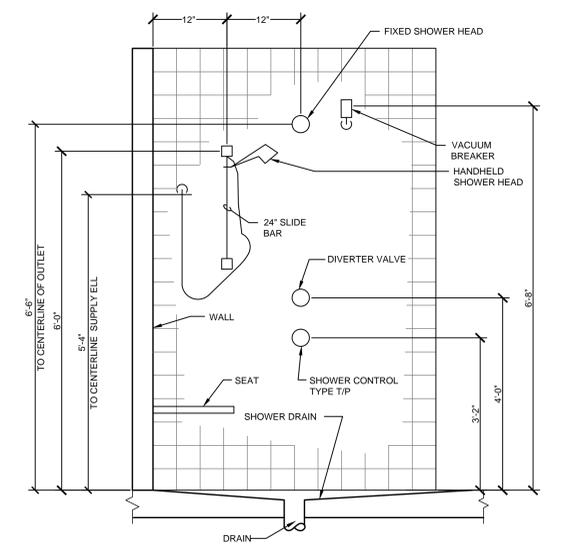
PLUMBING FIXTURE SCHEDULE						
ITEM	DESCRIPTION (LOCATION)	CW	HW	WASTE	VENT	REMARKS (SEE NOTE 1)
P-103	WATER CLOSET (PUBLIC AND STAFF ROOM)	1 1/4"	-	4"	2"	ADA COMPLIANT, WHITE, WALL HUNG, VITREOUS CHINA, REAR OUTLET, TOP SPUD, ZURN #Z5615. PROVIDE WITH HINGED OPEN FRONT SEAT ZURN #Z5955-EL AND MANUAL PISTON OPERATED FLUSH VALVE, ZURN 6200-HET, FIXTURE CARRIER.
P-104	WATER CLOSET (TYPICAL PATIENT ROOM)	1 1/4"	-	4"	2"	ADA COMPLIANT, WHITE, WALL HUNG, VITREOUS CHINA, REAR OUTLET, TOP SPUD, ZURN #Z5615. PROVIDE WITH HINGED OPEN FRONT SEAT ZURN #Z5955-EL AND MANUAL PISTON OPERATED FLUSH VALVE, ZURN 6200-HET, FIXTURE CARRIER, BED PAN LUGS AND BED PAN WASHER.
P-414	LAVATORY	1/2"	1/2"	1 1/2"	1 1/2"	ADA COMPLIANT, LAVATORY, WALL HUNG, STRAIGHT BACK, VITREOUS CHINA, 8" CENTERS ZURN #5310, WITH GOOSENECK FAUCET & WRIST BLADE HANDLES ZURN #Z831B4-XL, GRID STRAINER, POINT-OF-USE THERMOSTATIC MIXING VALVE, LEONARD #170. FLOOR MOUNTED FIXTURE CARRIER.
P-418	LAVATORY	1/2"	1/2"	1 1/2"	1 1/2"	ADA COMPLIANT, LAVATORY, WALL HUNG, STRAIGHT BACK, VITREOUS CHINA, 4" CENTERS ZURN #Z5314, WITH SENSOR FAUCET, HARD WIRED, 0.5 GPM, ZURN #Z6915-CWB-F, GRID STRAINER, FLOOR MOUNTED FIXTURE CARRIER, POINT-OF-USE THERMOSTATIC MIXING VALVE, LEONARD #170.
P-421*	LAVATORY (TYPICAL PATIENT ROOM)	1/2"	1/2"	1 1/2"	1 1/2"	ADA COMPLIANT, SEMI-COUNTERTOP, WHITE, VITREOUS CHINA, AMERICAN STANDARD #9960, 8" CENTER SET, 0.5 GPM, AMERICAN STANDARD #7430.801. THERMOSTATIC MIXING VALVE, GRID STRAINER, CONCEALED PIPING INSTALLATION. (SEE NOTE 4)
P-502	SERVICE SINK	1"	1"	3"	1 1/2"	TERRAZZO TOP, SQUARE TYPE 24"x24"x12", STERN WILLIAMS #SB-900. VACUUM BREAKER WITH BRASS SERVICE SINK FAUCET, ZURN #Z14996-SF
P-505	CLINIC SERVICE SINK	1/2", 1" NOTE 3	1/2"	4"	2"	VITREOUS CHINA, WALL MOUNTED, FLUSHING RIM WITH FLUSH VALVE, FAUCET & BED PAN WASHER AMERICAN STANDARD #9512.013, FAUCET #5345.100, SLOAN ROYAL FLUSH VALVE #117H
P-524	SINK	1/2"	1/2"	1 1/2"	1 1/2"	ADA COMPLIANT, DOUBLE BOWL, 33"x22"x7-1/2" DEEP, STAINLESS STEEL, UNDER MOUNT, WITH SWIVEL SPOUT FAUCET & SPRAY HOSE, BASKET STRAINER, ELKAY #LKD2452, POINT-OF-USE THERMOSTATIC MIXING VALVE, LEONARD #170.
P-528	SINK	1/2"	1/2"	1 1/2"	1 1/2"	ADA COMPLIANT, SINGLE BOWL, STAINLESS STEEL, UNDER MOUNT, 22"x22"x6-1/2" DEEP BOWL, BASKET STRAINER, ELKAY #RAD2222 WITH GOOSENECK FAUCET & 4" WRIST BLADE HANDLES, ELKAY #LK406 W/ SPOUT-8. POINT-OF-USE THERMOSTATIC MIXING VALVE, LEONARD #170.
P-531	(TYPICAL PATIENT ROOM) SINK	1/2"	1/2"	1 1/2"	1 1/2"	ADA COMPLIANT, SINGLE BOWL, CORAIN, UNDERMOUNT, 12-1/2"x14"x6-1/2" DEEP BOWL, GRID STRAINER, DUPONT #809 WITH GOOSENECK FAUCET & 4" WRIST BLADE HANDLES, AMERICAN STANDARD #7430.101, POINT-OF-USE THERMOSTATIC MIXING VALVE, LEONARD #170.
P-609	ELECTRIC WATER COOLER	1/2"	-	1 1/2"	1 1/2"	ADA COMPLIANT, RECESSED, SELF CONTAINED, TWO LEVEL, STAINLESS STEEL WITH REMOTE REFRIGERATION SYSTEM, 8 GPH.
P-701	SHOWER (TYPICAL PATIENT ROOM)	1/2"	1/2"	2"	1 1/2"	ADA COMPLIANT, SINGLE HANDLE SHOWER, WALL MOUNTED, 2.0 GPM, CHROME PLATED FINISH, WITH THERMOSTATIC AND PRESSURE BALANCING VALVE, DIVERTER VALVE, HAND-HELD SHOWER HEAD WITH GLIDE BAR, ADJUSTABLE SHOWER HEAD WITH SWING ARM, SPEAKMAN #SM-5060.
P-900*	ICE MAKER BOX	1/2"	-	-	-	20 GAUGE STEEL BOX WITH CORROSION RESISTANT EPOXY COATING, 1/4 TURN BRASS BALL VALVE OATAY METAL ICEMAKER BOX #38689. WALL MOUNTED IN-LINE WATER FILTER WITH REPLACEABLE CARTRIDGE BASIS OF DESIGN: 3M ICE140-S FILTER SYSTEM.
SHD	SHOWER DRAIN	-	-	2"	2"	18 GAUGE 316L STAINLESS STEEL BODY, 26" LONG AND 1" WIDE INTERNALLY PITCHED CHANNEL DRAIN, 2" DIAMETER CLAMPING OUTLET, STRAINER/DRAIN COVER WITH VANDAL PROOF SCREWS. PROLINE#PLD26

- NOTES:**
- BASIS OF DESIGN IS NOT INTENDED TO LIMIT EQUIPMENT SELECTION. PROVIDE INDICATED EQUIPMENT OR EQUIPMENT OF EQUAL PERFORMANCE AND QUALITY.
 - PROVIDE PIPE PROTECTION AT ALL LAVATORY HW/CW PIPING, DRAINS & TRAPS FOR ADA COMPLIANCE.
 - 1/2" CW SUPPLY TO FAUCET, 1" CW SUPPLY TO FLUSH VALVE.

MISCELLANEOUS EQUIPMENT:
 WATER HAMMER ARRESTORS: PERMANENTLY SEALED MECHANICAL DEVICE, PRE-CHARGED, THREADED CONNECTION, ASSE 1010 - 2004 CERTIFIED. INSTALL AS CLOSE AS POSSIBLE TO QUICK-CLOSING VALVE. NO ACCESS PANEL REQUIRED. PISTON-TYPE: HARD DRAWN SEALED COPPER BODY WITH PLASTIC RINGS AND PISTON, THREADED ADAPTER: SIOUX CHIEF 650 SERIES OR EQUAL.
 *NON-STANDARD ITEM NUMBER.
 **ALL GANG PLUMBING, RESTROOM AREAS WILL REQUIRE WATER HAMMER ARRESTORS, NOT EXAM ROOM SINKS.



4 P-505 CLINIC SERVICE SINK ROUGH-IN DETAIL
 NTS



5 P-701 PATIENT SHOWER DETAIL
 NTS

CONSTRUCTION DOCUMENT SUBMISSION FULLY SPRINKLERED

CONSULTANTS: [Blank]		ARCHITECT/ENGINEERS: BES DESIGN/BUILD, LLC 766 Middle St, Fairhope, AL 36532 Phone: 251.990.5778 Fax: 251.990.3716		Drawing Title PLUMBING DETAILS Approved: Project Director		Project Title RENOVATE MEDICAL SURGICAL UNIT Location W.J. BRYAN DORN VAMC; COLUMBIA, SC Date 05-16-2014		Project Number 544-13-102 Building Number 100 Drawing Number PL601 Dwg. 43 of 78		OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT 	
1 ADDENDUM #1 Revisions: [Blank]		Date 6/4/2014		Date 05-16-2014		Checked CD		Drawn JL		Date 05-16-2014	