



A
three inches = one foot
6"
1
one and one half inches = one foot
6"
2
one inch = one foot
6"
0
C
three quarters inch = one foot
6"
0
D
one half inch = one foot
6"
0
E
three eighths inch = one foot
6"
0
F
one eighth inch = one foot
6"
0
4
16

PLUMBING SCHEDULE												
TAG	DESCRIPTION	MIN. CONNECTION SIZE (IN.)				ELECTRICAL					REMARKS	
		SAN	V	CW	HW	HP	Kw	VOLTS	AMPS	PHASE		
P-101	<u>WATER CLOSET</u> (FLOOR MOUNTED, ANSI 112.19.2M, FIGURE 6) – OFFICE AND INDUSTRIAL, ELONGATED BOWL, SIPHON JET 6 L (1.6 GALLONS) PER FLUSH, FLOOR OUTLET. TOP OF RIM SHALL BE 435 MM TO 438 MM (17 1/8 INCHES TO 17 1/4 INCHES) ABOVE FINISHED FLOOR. 1.SEAT: INSTITUTIONAL/INDUSTRIAL, EXTRA HEAVY DUTY, CHEMICAL RESISTANT, SOLID PLASTIC, OPEN FRONT LESS COVER FOR ELONGATED BOWLS, INTEGRALLY MOLDED BUMPERS, CONCEALED CHECK HINGE WITH STAINLESS STEEL POST. SEAT SHALL BE POSTURE CONTOURED BODY DESIGN. COLOR SHALL BE WHITE. 2.FITTINGS AND ACCESSORIES: FLOOR FLANGE FITTINGS–CAST IRON; GASKET–WAX; BOLTS WITH CHROMIUM PLATED CAP NUTS AND WASHERS. 3.FLUSH VALVE: LARGE CHLORAMINES RESISTANT DIAPHRAGM, SEMI–RED BRASS VALVE BODY, EXPOSED CHROME PLATED, BATTERY POWERED ACTIVE INFRA–RED SENSOR FOR AUTOMATIC OPERATION WITH COURTESY FLUSH BUTTON FOR MANUAL OPERATION, WITH MAXIMUM 10 PERCENT VARIANCE, TOP SPUD CONNECTION, ADJUSTABLE TAILPIECE, ONE–INCH IPS SCREWDRIVER BACK CHECK ANGLE STOP WITH VANDAL RESISTANT CAP, HIGH BACK PRESSURE VACUUM BREAKER, AND SWEAT SOLDER ADAPTER WITH COVER TUBE AND CAST SET SCREW WALL FLANGE. SET CENTERLINE OF INLET 292 MM (11 1/2 INCHES) ABOVE RIM. SEAT BUMPERS SHALL BE INTEGRAL PART OF FLUSH VALVE. VALVE BODY, COVER, TAILPIECE AND CONTROL STOP SHALL BE IN CONFORMANCE WITH ASTM ALLOY CLASSIFICATION FOR SEMI–RED BRASS.	4	2	1–1/4	–	–	–	–	–	–	REQUIRES MINIMUM 35 PSI AT FIXTURE.	
P-102	<u>WATER CLOSET</u> (FLOOR MOUNTED WITH BEDPAN WASHER ASME/ANSI A112.19.2M, FIGURE 6) WALL OUTLET, WITH BED PAN LUGS _ BEDPAN WASHER, FLUSH VALVE OPERATED, 6 L (1.6 GALLONS) PER FLUSH. TOP OF RIM SHALL BE 457 MM (18 INCHES) ABOVE FINISHED FLOOR. PROVIDE STANDOFF BRACKET SUPPORT BETWEEN STUDS FOR BEDPAN WASHER AT HEIGHT AS RECOMMENDED BY MANUFACTURER. 1. SEAT: INSTITUTIONAL/INDUSTRIAL, EXTRA HEAVY DUTY, CHEMICAL RESISTANT, SOLID PLASTIC, OPEN FRONT LESS COVER FOR ELONGATED BOWLS, INTEGRALLY MOLDED BUMPERS, CONCEALED CHECK HINGE WITH STAINLESS STEEL POST. SEAT SHALL BE POSTURE CONTOURED BODY DESIGN. COLOR SHALL BE WHITE. 2. FITTINGS AND ACCESSORIES: FLOOR FLANGE FITTINGS – CAST IRON; GASKETS – WAX; BOLTS WITH CHROMIUM PLATED CAP NUTS AND WASHERS. 3. FLUSH VALVE: LARGE CHLORAMINES RESISTANT DIAPHRAGM, SEMI–RED BRASS VALVE BODY, EXPOSED CHROME PLATED, BATTERY POWERED ACTIVE INFRA–RED SENSOR FOR AUTOMATIC OPERATION WITH COURTESY FLUSH BUTTON FOR FLUSH WITH MAXIMUM 10 PERCENT VARIANCE, OFFSET TOP SPUD CONNECTION, ADJUSTABLE TAILPIECE, ONE–INCH IPS SCREWDRIVER BACK CHECK ANGLE STOP WITH VANDAL RESISTANT CAP, SWEAT SOLDER ADAPTER WITH COVER TUBE AND CAST SET SCREW WALL FLANGE, AND HIGH BACK PRESSURE VACUUM BREAKER. VALVE BODY, COVER, TAILPIECE AND CONTROL STOP SHALL BE IN CONFORMANCE WITH ASTM ALLOY CLASSIFICATION FOR SEMI–RED BRASS. SET CENTERLINE OF INLET 673 MM (26 1/2 INCHES) ABOVE RIM. SEAT BUMPERS SHALL BE SET IN WALL BEHIND FIXTURE AT PROPER CONTACT HEIGHT.	4	2	1–1/4	–	–	–	–	–	–	REQUIRES MINIMUM 35 PSI AT FIXTURE.	
P-116	<u>WATER CLOSET</u> (FLOOR MOUNTED WITH BEDPAN WASHER ASME/ANSI A112.19.2M, FIGURE 6) FLOOR OUTLET, WITH BED PAN LUGS _ BEDPAN WASHER, FLUSH VALVE OPERATED, 6 L (1.6 GALLONS) PER FLUSH. TOP OF RIM SHALL BE 457 MM (18 INCHES) ABOVE FINISHED FLOOR. PROVIDE STANDOFF BRACKET SUPPORT BETWEEN STUDS FOR BEDPAN WASHER AT HEIGHT AS RECOMMENDED BY MANUFACTURER. 1. SEAT: INSTITUTIONAL/INDUSTRIAL, EXTRA HEAVY DUTY, CHEMICAL RESISTANT, SOLID PLASTIC, OPEN FRONT LESS COVER FOR ELONGATED BOWLS, INTEGRALLY MOLDED BUMPERS, CONCEALED CHECK HINGE WITH STAINLESS STEEL POST. SEAT SHALL BE POSTURE CONTOURED BODY DESIGN. COLOR SHALL BE WHITE. 2. FITTINGS AND ACCESSORIES: FLOOR FLANGE FITTINGS – CAST IRON; GASKETS – WAX; BOLTS WITH CHROMIUM PLATED CAP NUTS AND WASHERS. 3. FLUSH VALVE: LARGE CHLORAMINES RESISTANT DIAPHRAGM, SEMI–RED BRASS VALVE BODY, EXPOSED CHROME PLATED, BATTERY POWERED ACTIVE INFRA–RED SENSOR FOR AUTOMATIC OPERATION WITH COURTESY FLUSH BUTTON FOR FLUSH WITH MAXIMUM 10 PERCENT VARIANCE, OFFSET TOP SPUD CONNECTION, ADJUSTABLE TAILPIECE, ONE–INCH IPS SCREWDRIVER BACK CHECK ANGLE STOP WITH VANDAL RESISTANT CAP, SWEAT SOLDER ADAPTER WITH COVER TUBE AND CAST SET SCREW WALL FLANGE, AND HIGH BACK PRESSURE VACUUM BREAKER. VALVE BODY, COVER, TAILPIECE AND CONTROL STOP SHALL BE IN CONFORMANCE WITH ASTM ALLOY CLASSIFICATION FOR SEMI–RED BRASS. SET CENTERLINE OF INLET 673 MM (26 1/2 INCHES) ABOVE RIM. SEAT BUMPERS SHALL BE SET IN WALL BEHIND FIXTURE AT PROPER CONTACT HEIGHT.	4	2	1–1/4	–	–	–	–	–	–	REQUIRES MINIMUM 35 PSI AT FIXTURE.	
P-117	<u>LAVATORY/WATER CLOSET</u> (FLOOR MOUNTED, ANSI A112.19.3–2008 AND CSA B45.4–2008) ANGLED RIGHT ORIENTATION, ON–FLOOR WALL OUTLET, TYPE 304 STAINLESS STEEL, SEAMLESS WELDED AND EXPOSED SURFACES SHALL HAVE A SATIN FINISH, D SHAPE LAVATORY BOWL, WITH AIR–CONTROL PNEUMATICALLY OPERATED, PUSHBUTTON VALVE. VALVE SHALL REQUIRE LESS THAN 5 POUNDS TO ACTIVATE. TOILET: BLOWOUT JET TYPE WITH ELONGATED BOWL, SELF–DRAINING FLUSHING RIM, AND AN INTEGRAL CONTOURED SEAT. 1.6 GPF, 3–1/2” SEALED TRAP THAT SHALL PASS A 2–1/2” DIAMETER BALL AND FULLY ENCLOSED.	4	2	3/4	–	–	–	–	–	–	REQUIRES MINIMUM 25 PSI AT FIXTURE.	
P-118	<u>LAVATORY/WATER CLOSET</u> (FLOOR MOUNTED, ANSI A112.19.3–2008 AND CSA B45.4–2008) ANGLED LEFT ORIENTATION, ON–FLOOR WALL OUTLET, TYPE 304 STAINLESS STEEL, SEAMLESS WELDED AND EXPOSED SURFACES SHALL HAVE A SATIN FINISH, D SHAPE LAVATORY BOWL, WITH AIR–CONTROL PNEUMATICALLY OPERATED, PUSHBUTTON VALVE. VALVE SHALL REQUIRE LESS THAN 5 POUNDS TO ACTIVATE. TOILET: BLOWOUT JET TYPE WITH ELONGATED BOWL, SELF–DRAINING FLUSHING RIM, AND AN INTEGRAL CONTOURED SEAT. 1.6 GPF, 3–1/2” SEALED TRAP THAT SHALL PASS A 2–1/2” DIAMETER BALL AND FULLY ENCLOSED.	4	2	3/4	–	–	–	–	–	–	REQUIRES MINIMUM 25 PSI AT FIXTURE.	

PLUMBING SCHEDULE												
TAG	DESCRIPTION	MIN. CONNECTION SIZE (IN.)				ELECTRICAL					REMARKS	
		SAN	V	CW	HW	HP	Kw	VOLTS	AMPS	PHASE		
P-201	<u>URINAL</u> (WALL HUNG, ANSI A112.19.2M, FIGURE 30) BOWL WITH INTEGRAL FLUSH DISTRIBUTION, WALL TO FRONT OF FLARE 356 MM (14 INCHES). WALL HUNG WITH INTEGRAL TRAP, SIPHON JET FLUSHING ACTION 4 L (1.0 GALLONS) PER FLUSH WITH 50 MM (2 INCHES) BACK OUTLET AND 19 MM (3/4 INCH) TOP INLET SPUD. 1. SUPPORT URINAL WITH CHAIR CARRIER AND INSTALL WITH RIM 600 MM (24 INCHES) ABOVE FINISHED FLOOR. 2. FLUSHING DEVICE: LARGE CHLORAMINES RESISTANT DIAPHRAGM, SEMI-RED BRASS BODY, EXPOSED FLUSH VALVE, BATTERY POWERED, ACTIVE INFRARED SENSOR FOR AUTOMATIC OPERATION, 19 MM (3/4 INCH) CAPPED SCREWDRIVER ANGLE STOP VALVE. SET CENTERLINE OF INLET 292 MM (11 1/2 INCHES) ABOVE URINAL. VALVE BODY, COVER, TAILPIECE, AND CONTROL STOP SHALL BE IN CONFORMANCE WITH ASTM ALLOY CLASSIFICATION FOR SEMI-RED BRASS.	2	1-1/2	3/4	-	-	-	-	-	-	-	
P-202	<u>URINAL</u> (WHEELCHAIR, WALL HUNG, ANSI A112.19.2M, FIGURE 30) BOWL WITH INTEGRAL FLUSH DISTRIBUTION, WALL TO FRONT OF FLARE 356 MM (14 INCHES). WALL HUNG WITH INTEGRAL TRAP, SIPHON JET FLUSHING ACTION 4 L (1.0 GALLON PER FLUSH) WITH 51 MM (2 INCHES) BACK OUTLET AND 19 MM (3/4 INCH) TOP INLET SPUD. 1. SUPPORT URINAL WITH CHAIR CARRIER AND INSTALL WITH RIM 381 MM (15 INCHES) ABOVE FINISHED FLOOR. 2. FLUSHING DEVICE: LARGE CHLORAMINES RESISTANT DIAPHRAGM, SEMI-RED BRASS BODY, EXPOSED FLUSH VALVE, BATTERY POWERED ACTIVE INFRARED SENSOR FOR AUTOMATIC OPERATION, 19 MM (3/4 INCH) CAPPED SCREWDRIVER ANGLE STOP VALVE. SET CENTERLINE OF INLET 292 MM (11 1/2 INCHES) ABOVE URINAL. VALVE BODY, COVER, TAILPIECE AND CONTROL STOP SHALL BE IN CONFORMANCE WITH ASTM ALLOY CLASSIFICATION FOR SEMI-RED BRASS.	2	1-1/2	3/4	-	-	-	-	-	-	-	
P-502	<u>SERVICE SINK</u> (CORNER, FLOOR MOUNTED) STAIN RESISTANT TERRAZZO, 711 MM BY 711 MM BY 305 MM (28 INCHES BY 28 INCHES BY 12 INCHES) WITH 152 MM (6 INCHES) DROP FRONT. TERRAZZO, COMPOSED OF MARBLE CHIPS AND WHITE PORTLAND CEMENT, SHALL DEVELOP COMPRESSIVE STRENGTH OF 20684 KPA (3000 PSI) SEVEN DAYS AFTER CASTING. PROVIDE EXTRUDED ALUMINUM CAP ON FRONT SIDE. 1. FAUCET: SOLID BRASS CONSTRUCTION, COMBINATION FAUCET WITH REPLACEABLE MONEL SEAT, REMOVABLE REPLACEMENT UNIT CONTAINING ALL PARTS SUBJECT TO WEAR, INTEGRAL STOPS, MOUNTED ON WALL ABOVE SINK. SPOUT SHALL HAVE A PAIL HOOK, 19 MM (3/4 INCH) HOSE COUPLING THREADS, VACUUM BREAKER, AND TOP OR BOTTOM BRACE TO WALL. FOUR_ARM HANDLES ON FAUCETS SHALL BE CAST, FORMED, OR DROP FORGED COPPER ALLOY. ESCUTCHEONS SHALL BE EITHER FORGED COPPER ALLOY OR CRS. EXPOSED METAL PARTS, INCLUDING EXPOSED PART UNDER VALVE HANDLE WHEN IN OPEN POSITION, SHALL HAVE A SMOOTH BRIGHT FINISH. PROVIDE 914 MM (36 INCHES) HOSE WITH WALL HOOK. CENTERLINE OF ROUGH IN IS 1219 MM (48 INCHES) ABOVE FINISHED FLOOR. 2. DRAIN: SEVENTY SIX MILLIMETER (3 INCHES) CAST BRASS DRAIN WITH NICKEL BRONZE STRAINER. 3. TRAP: P-TRAP, DRAIN THROUGH FLOOR.	2	1-1/2	3/4	3/4	-	-	-	-	-	-	
P-503	<u>SERVICE SINK</u> (REGULAR, FOOT PEDAL CONTROL, ASME/ANSI A112.19.1M, CLASS 1) SINGLE BOWL, ACID RESISTANT ENAMELED CAST IRON, APPROXIMATELY 610 MM BY 508 MM (24 INCHES BY 20 INCHES) WITH 229 TO 305 MM (9 TO 12 INCHES) RAISED BACK WITHOUT FAUCET HOLES. EQUIP SINK WITH CRS RIM GUARD. MOUNT SINK ON TRAP STANDARD. 1. FAUCET: SOLID BRASS CONNECTION, HORIZONTAL SWING SPOUT WITH ESCUTCHEON MOUNTED ON WALL ABOVE SINK. MECHANICAL PEDAL MIXING VALVE WITH SELF_CLOSING PEDAL VALVE WITH STOPS, RENEWABLE MONEL SEATS, REMOVABLE REPLACEMENT UNIT CONTAINING ALL PARTS SUBJECT TO WEAR, AND SUPPLY FROM VALVE TO SPOUT, INDEXED LIFT UP PEDALS HAVING CLEARANCE OF NOT MORE THAN 13 MM (1/2 INCH) ABOVE THE FLOOR AND NOT LESS THAN 356 MM (14 INCHES) FROM WALL WHEN IN OPERATION. SUPPLY PIPE FROM WALL TO VALVE STOP SHALL BE RIGID THREADED IPS COPPER ALLOY PIPE. SUPPLY PIPE FROM VALVE TO FAUCET SHALL BE COPPER ALLOY PIPE. SUPPLY PIPE FROM VALVE TO FAUCET SHALL BE MANUFACTURER'S OPTION. EXPOSED BRASS PARTS SHALL BE CHROMIUM PLATED WITH A SMOOTH BRIGHT FINISH. 2. DRAIN: SEVENTY SIX MILLIMETER (3 INCHES) CAST BRASS WITH NICKEL BRONZE STRAINER. 3. TRAP: TRAP STANDARD, PAINTED OUTSIDE AND ENAMELED INSIDE WITH ACID_RESISTANT ENAMEL, DRAIN THROUGH ADJOINING WALL.	2	1-1/2	1/2	1/2	-	-	-	-	-	HW SET TO 105 °F MAX	
P-505	<u>CLINIC SERVICE SINK</u> (FLUSHING RIM, WALL HUNG) APPROXIMATELY 508 MM BY 635 MM (20 INCHES BY 25 INCHES) BY 203 MM (8 INCHES) DEEP. SUPPORT WITH ASME/ANSI A112. 6.1M CHAIR CARRIER AND SECURE WITH 10 MM (3/8 INCH) BRACKET STUDS AND NUTS. SET SINK WITH RIM 762 MM (30 INCHES) ABOVE FINISHED FLOOR. PROVIDE 762 MM (30 INCHES) CRS DRAINBOARD WHERE REQUIRED, WITHOUT CORRUGATIONS AND WITH HEAVY DUTY CRS BRACKETS. 1. FAUCET: ELBOW CONTROL, WALL HUNG, INTEGRAL STOPS, SINGLE SPOUT WITH 19 MM (3/4 INCH) HOSE THREADED OUTLET AND PAIL HOOK, VACUUM BREAKER AND BRACE TO WALL. OUTLET 356 MM TO 381 MM (14 INCHES TO 15 INCHES) FROM WALL. EXPOSED METAL PARTS SHALL BE CHROMIUM PLATED WITH A SMOOTH BRIGHT FINISH. PROVIDE LAMINAR FLOW CONTROL DEVICE. 2. FLUSH VALVE: LARGE DIAPHRAGM, SEMI-RED BRASS BODY, FOOT PEDAL OPERATED, EXPOSED CHROMIUM PLATED FLUSH VALVE WITH SCREWDRIVER BACK CHECK STRAIGHT STOP WITH CAP, UNION OUTLET, STREET ELLS, ELEVATED HIGH PRESSURE VACUUM BREAKER, CASING COVER, 32 MM (1 1/4 INCHES) ELBOW FLUSH CONNECTION FROM FINISHED WALL TO 38 MM (1 1/2 INCHES) TOP SPUD. SPUD COUPLING, WALL AND SPUD FLANGES. 3. BED PAN WASHER: MECHANICAL PEDAL MIXING VALVE, WALL HUNG, WITH DOUBLE SELF_CLOSING PEDAL VALVE WITH LOOSE KEY STOPS, RENEWABLE SEATS AND SUPPLY FROM VALVE TO NOZZLE WITH WALL HOOK HOSE CONNECTION; 1219 MM (48 INCHES) OF HEAVY DUTY RUBBER HOSE, WITH EXTENDED SPRAY OUTLET ELEVATED VACUUM BREAKER, INDEXED LIFT UP PEDALS HAVING CLEARANCE OF NOT MORE THAN 13 MM (1/2 INCH) ABOVE THE FLOOR AND NOT LESS THAN 356 MM (14 INCHES) FROM WALL WHEN IN OPERATION. SUPPLY PIPE FROM WALL TO VALVE STOP SHALL BE RIGID, THREADED, IPS COPPER ALLOY PIPE. EXPOSED METAL PARTS SHALL BE CHROMIUM PLATED WITH A SMOOTH BRIGHT FINISH. PROVIDE VALVE PLATE FOR FOOT CONTROL. PROVIDE INLINE LAMINAR FLOW CONTROL DEVICE.	4	2	3/4	-	-	-	-	-	-	-	

Scale: AS NOTED

<div>Revisions</div> <div>Date</div>		<div>CONSULTANTS:</div> <div><div>The Estopinal Group PROFESSIONAL ENGINEERING ARCHITECTS</div><div>820 Jordan Street, Suite 507 tel. 318.424.3700 Shreveport, LA 71101 fax 318.424.3764</div></div>	<div><div>PROFESSIONAL ENGINEER 01/09/13</div></div>	<div>PROJECT MANAGERS AND ENGINEERS:</div> <div><div>A VETERAN OWNED COMPANY</div><div>3 EXECUTIVE COURT, UNIT 4 SOUTH BARRINGTON, IL 60010</div></div>	<div>Drawing Title</div> <div>PLUMBING SCHEDULES</div> <div>Approved Project Director</div>	<div>Project Title</div> <div>RENOVATE ED + PRIMARY CARE</div> <div>Location</div> <div>SHREVEPORT VAMC 510 EAST STONER AVE</div> <div>Date</div> <div>01/09/13</div> <div>Checked</div> <div>RM</div> <div>Drawn</div> <div>SL</div>	<div>Project Number</div> <div>667-10-100</div> <div>Building Number</div> <div>1N, 1E</div> <div>Drawing Number</div> <div>P3.1</div> <div>Dwg. 82 of 112</div>	<div>Office of Construction and Facilities Management</div> <div> Department of Veterans Affairs</div>
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