















PLUMBING LEGEND
AND ABBREVIATIONS

ABBREVIATION	DEFINITION		LINE/TYPE	DESCRIPTION
AF	ABOVE FINISHED FLOOR	IPS	IRON PIPE	SIZE
AG	ABOVE GROUND	PRV	PRESSURE REDUCING VALVE	
AGA	AMERICAN GAS ASSOCIATION	N C	NORMALLY CLOSED	
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	N/O	NORMALLY OPEN	
AMP	AMPERE	N/A	NOT APPLICABLE	
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	
APPROX	APPROXIMATE	NIC	NOT IN CONTRACT	
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	NTS	NOT TO SCALE	
ATM	ATMOSPHERE	NO	NUMBER	
BTU	BRITISH THERMAL UNIT	OZ	OUNCE	
CONT	CONTINUED	PC	PLUMBING CONTRACTOR	
CW	COLD WATER SUPPLY	PSI	POUNDS PER SQUARE INCH	
DIA	DIAMETER	R	THERMAL RESISTANCE	
DEG	DEGREE	RDL	ROOF DRAIN LEADER	
EC	ELECTRICAL CONTRACTOR	RPZ	REDUCED PRESSURE ZONE	
EF	ELEVATION	SD	STORM DRAIN	
FF	FINISHED FLOOR	SPEC	SPECIFICATION	
FT	FEET	SQ	SQUARE	
FU	FIXTURE UNIT	S/S	SANITARY SEWER	
GAL	GALLON	STD	STANDARD	
GC	GENERAL CONTRACTOR	SPLY	SUPPLY	
GPH	GALLONS PER HOUR	TEMP	TEMPERATURE	
HD	HEAD	TD	TEMPERATURE DIFFERENCE	
HGT	HEIGHT	UG	UNDERGROUND	
HP	HORSEPOWER	UL	UNDERWRITERS LABORATORIES	
HWS	HOT WATER SUPPLY	VERT	VERTICAL	
HWR	HOT WATER RETURN	VTR	VENT THROUGH ROOF	
INV	INVERT	VT	VENT	
		WHA	WATER HAMMER ARRESTOR	
SYMBOLS	DEFINITION		LINE/TYPE	DESCRIPTION
	AQUASTAT		AG	S/S
	BALL VALVE		CW	
	CHECK VALVE			
	CLEANOUT (WALL)		GAS	
	CLEANOUT (FLOOR)		HWS/HWR	
	EQUIPMENT DESIGNATION		UG	S/S
	FLOOR DRAIN		VENT	
	GATE VALVE			
	POINT OF CONNECTION TO EXIST. SYSTEMS			
	PRESSURE REDUCING VALVE			
	RPZ BACKFLOW PREVENTER			
	T&P VALVE			
	TRAP PRIMER DEVICE			
	WATER HAMMER ARRESTOR			

*WATER HEATER SYSTEM SUMMARY

FIXTURE DESCRIPTION	QUANTITY	GALLONS PER FIXTURE PER HOUR	TOTAL GALLONS PER HOUR	
LAVATORY	5	6.0	30.0	SWH-1
EYE WASH	1	6.0	6.0	
JANITOR SINK	1	20.0	20.0	
DOUBLE BOWL SINK	1	20.0	20.0	
SUB-TOTAL				76.0
DEMAND FACTOR				30
				22.8
ADJUSTED GALLONS PER HOUR				
2.5 GPM X 12 MIN. = 30 GAL./SHOWER				
30 GAL./SHOWER X 6 SHOWERS = 180 GALLONS				
180 GALLONS X .875 = 158 GAL/HR @ 120° F				158.00
STORAGE CAPACITY FACTOR				1.00
				160.8
GALLONS OF STORAGE CAPACITY				
SELECTED WATER HEATER SHALL BE CAPABLE OF SUPPLYING APPROXIMATELY 180.8 GPH, TOTAL SYSTEM SHALL HAVE A STORAGE CAPACITY OF APPROXIMATELY 160.8 GALLONS (MINIMUM).				

DOMESTIC WATER SYSTEM SUMMARY

FIXTURE DESCRIPTION	QUANTITY	FIXTURE UNIT VALUE	FIXTURE UNIT SUB-TOTAL	
LAVATORY	6	2.0	12.0	
EYE WASH	1	1.4	1.4	
JANITOR SINK	1	3.0	3.0	
WATER CLOSET	5	10.0	50.0	
URINAL	5	3.0	15.0	
SHOWER	6	4.0	24.0	
WATER COOLER	2	.25	.50	
DOUBLE BOWL SINK	1	4.0	4.0	
<hr/>				
120.0 FU = 73.0 GPM			109.9	TOTAL FIXTURE UNITS
- 100.0 FU = 67.5 GPM				
20.0 FU = 5.5 GPM				
<hr/>				
- 5.5 GPM = .275 GPM FU				
20.0 FU				
<hr/>				
109.90 FU				
- 100.00 FU				
9.90 FU X .275 GPM FU = 2.72 GPM				
67.5 GPM				
+ 2.72 GPM				
70.22 GPM				
<hr/>				
USE $\frac{7}{8}$ " CWS LINE SIZE @ .8 FPS @ .8 PSI ΔP (APPROXIMATE) 100 FEET				

FIXTURE/EQUIPMENT SCHEDULE

ITEM	FIXTURE DESCRIPTION	EQUIPMENT SPECIFICATION	ADA (Y/N)	POTABLE WATER CONNECTIONS		WASTE AND VENT CONNECTIONS	
				COLD	HOT	WASTE	VENT
CO-1	4" EXTERIOR CLEANOUT	MIFAB C1220 LACQUERED CAST IRON CLEANOUT, GAS AND WATERTIGHT THREADED BRONZE PLUG, SATIN FINISH NICKEL BRONZE ADJUSTABLE TOP ASSEMBLY. 18"x18"x6" THICK 3000 PSI CONCRETE SLAB OVER COMPACTED GRAVEL BED.	-	-	-	4"	-
FD-1	3" FLOOR DRAIN	MIFAB F1000 LACQUERED CAST IRON WITH ANCHOR FLANGE, WEEPHOLES, HEAVY DUTY STAINLESS STEEL STRAINER, TRAP PRIMER CONNECTION, AND MEMBRANE CLAMP.	-	1/2"	-	3"	2"
FD-2	4" FLOOR DRAIN	MIFAB F1000 LACQUERED CAST IRON WITH ANCHOR FLANGE, WEEPHOLES, HEAVY DUTY STAINLESS STEEL STRAINER, TRAP PRIMER CONNECTION, AND MEMBRANE CLAMP. 5" DIAMETER STAINLESS STEEL STRAINER.	-	1/2"	-	4"	2"
LAV-1	LAVATORY	AMERICAN STANDARD MODEL D476.028 AQUALYN COUNTERTOP LAVATORY, VITREOUS CHINA, FRONT OVERFLOW, OVAL BOWL, SELF-RIMMING, FAUCET LEDGE, 16" WIDE X 10" FRONT TO BACK X 5 5/8" DEEP BOWL.	Y			1 1/4"	1 1/4"
FAUCET	FAUCET	MOEN SANI-SINK SINGLE HANDLE FAUCET MODEL 8425, CHROME PLATED METAL CONSTRUCTION, VANDAL RESISTANT SCREWS, LEVER STYLE HANDLE WITH HOT AND COLD COLOR INDICATORS, PULL-ON/PUSH-OFF OPERATION, CSA AND IAPMO CERTIFIED TO MEET ASME A112.18.1M, 5 YEAR WARRANTY, SUPPLIED WITH A CHROME GRID WASTE.	Y	1/2"	1/2"	-	-
	AERATOR	MOEN SANI-SINK AERATOR MODEL 52802, 15/16"x27 MALE THREAD, VANDAL RESISTANT, 0.5 GPM.	-	-	-	-	-
	P-TRAP ASSEMBLY	McGUIRE MANUFACTURING CO., INC. MODEL B8872 HEAVY CAST BRASS BODY P-TRAP WITH 17 GAUGE TUBULAR BRASS WALL BEND WITH CLEANOUT PLUG, SHALLOW STEEL FLANGE, 1 1/4" X 1 1/4" X 17 GAUGE.	-	-	-	1 1/4"	-
	LAVATORY SUPPLIES (2 REQUIRED)	McGUIRE MANUFACTURING CO., INC. MODEL 177, 1/2" COPPER SWEAT X 1/2" OD, CHROME PLATED BRASS ANGLE STOP, ROUND WHEEL HANDLES, 12" FLEXIBLE CHROME PLATED COPPER LAVATORY RISER, CHROME PLATED STEEL FLANGE.	-	1/2"	1/2"	-	-
UNDER LAVATORY PIPING INSULATORS	UNDER LAVATORY PIPING INSULATORS	McGUIRE MANUFACTURING CO., INC. MODEL PW 2000 PRO WRAP SEAMLESS INSULATOR, MOLDED CLOSED CELL VINYL, 3/16" THICK, WHITE, WITH COVERS FOR TRAP, TAIL PEECE, WALL BEND AND 2 SUPPLY COVERS.	-	-	-	-	-
	MS-1	FLORESTONE PRODUCTS CO., INC. MODEL 81 TERRAZZO MOP RECEPTOR, 24" X 24" X 12" HIGH, GALVANIZED STEEL FLANGE, STAINLESS STEEL PROTECTIVE CAP, AND 3" BRASS DRAIN BODY CAST IN PLACE.	-	-	-	3"	2"
	FAUCET	FLORESTONE PRODUCTS CO., INC. MODEL MR-371 FAUCET (SPEAKMAN) WITH INTEGRAL VACUUM BREAKER, DOUBLE STOPS AND BUCKET HOOK WITH WALL BRACE.	N	1/2"	1/2"	-	-
HOSE CLAMP	HOSE CLAMP	FLORESTONE PRODUCTS CO., INC. MODEL MR-370 HOSE AND CLAMP, 3/8" DIAMETER X 5'-0" LONG.	-	-	-	-	-
	MOP HANGER	FLORESTONE PRODUCTS CO., INC. MODEL 372 MOP HANGER WITH 3 BRACKETS.	-	-	-	-	-
	STRAINER	FLORESTONE PRODUCTS CO., INC. MODEL MR-375 FLAT CHROME STRAINER.	-	-	-	-	-
PUMP-1	HOT WATER RECIRCULATING PUMP	ITT BELL & GOSSETT LITTLE RED IN-LINE BOOSTER PUMP MODEL LR-20BF, BRONZE BODY, STAINLESS STEEL FACEPLATE, GLASS FILLED NORYL IMPELLER, CARBON STEEL SHAFT, MECHANICAL (CARBON OR CERAMIC) SEAL, OIL LUBRICATED BRONZE SLEEVE MOTOR BEARINGS, 1/20 HP, 115V, 60 HZ, 14, 2800 RPM, 1 1/4" NPT FLANGE SIZES, 8 GPM @ 10 FEET HEAD, 125 PSI WORKING PRESSURE, CONTROLLED BY AQUASTAT THAT ENERGIZES MOTOR WHEN WATER TEMPERATURE IS 100°F. OR LESS AND DE-ENERGIZES MOTOR WHEN WATER TEMPERATURE IS 120°F. OR MORE.	-	-	1 1/4"	-	-
RD-1,2,3,4,5	ROOF DRAIN	MIFAB R1200 14" DIAMETER ROOF DRAIN, LACQUERED CAST IRON BODY WITH ANCHOR FLANGE, MEMBRANE CLAMP RING, AND SELF-LOCKING POLY-DOME STRAINER, 4" BOTTOM OUTLET.	-	-	-	3"	-
RPZ-1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER	WATTS REGULATOR MODEL D09M2Q1-S, SERIES 009 REDUCED PRESSURE ZONE BACKFLOW PREVENTER WITH QUARTER TURN FULL PORT RESILIENT SEATED BRONZE BALL SHUTOFF VALVES WITH LEVER HANDLES, 175 PSI MAXIMUM WORKING PRESSURE.	-	2"	-	-	-
SC-A	ROOF SCUPPER	PROVIDED BY GENERAL CONTRACTOR, INSTALLED BY PLUMBING CONTRACTOR	-	-	-	4"	-
SC-B,C,D,E	ROOF SCUPPER	PROVIDED BY GENERAL CONTRACTOR, INSTALLED BY PLUMBING CONTRACTOR	-	-	-	6"	-
SH-1	SHOWER STALL	AQUA GLASS CORPORATION MODEL 634139A-L, MOLDED IN SEAT AND SOAP SHELF, SEAMLESS ACRYLIC CONSTRUCTION, 41" W x 39" D x 83 1/2" H, CENTER DRAIN, MICRO-BAN ANTI-MICROBIAL PROTECTION.	Y	-	-	-	-
FAUCET	FAUCET	MOEN SANI-STREAM SINGLE HANDLE SHOWER FAUCET MODEL 8346, CHROME PLATED METAL CONSTRUCTION, PRESSURE BALANCING CYCLE VALVE DESIGN, VANDAL RESISTANT SCREWS, LEVER STYLE HANDLE WITH TEMPERATURE INDICATOR ON THE ESCUTCHEON, ADJUSTABLE TEMPERATURE LIMIT STOP TO LIMIT HANDLE TRAVEL IN THE HOT DIRECTION, PRESSURE BALANCING MECHANISM MAINTAINS SELECTED DISCHARGE TEMPERATURE TO +/- 2°F, SUPPLIED WITH HAND HELD SHOWER HEAD WITH HOSE.	Y	1/2"	1/2"	-	-
	DRAIN	McGUIRE MANUFACTURING CO., INC. SHOWER STRAINER MODEL 1266A, 2" FIP, HEAVY CAST BRASS BODY, STAINLESS STEEL GRID, VANDAL RESISTANT SCREWS.	-	-	-	2"	2"
	SH-2	AQUA GLASS CORPORATION MODEL 313637AC, DUAL SHELVEING AT SHOULDER LEVEL, SEAMLESS ACRYLIC CONSTRUCTION, 35 1/2" W x 37" D x 76 1/2" H, CENTER DRAIN, MICRO-BAN ANTI-MICROBIAL PROTECTION (813637AC)	N	-	-	-	-
FAUCET	FAUCET	MOEN SANI-STREAM SINGLE HANDLE SHOWER FAUCET MODEL 8325, CHROME PLATED METAL CONSTRUCTION, PRESSURE BALANCING CYCLE VALVE DESIGN, VANDAL RESISTANT SCREWS, LEVER STYLE HANDLE WITH TEMPERATURE INDICATOR ON THE ESCUTCHEON, ADJUSTABLE TEMPERATURE LIMIT STOP TO LIMIT HANDLE TRAVEL IN THE HOT DIRECTION, PRESSURE BALANCING MECHANISM MAINTAINS SELECTED DISCHARGE TEMPERATURE TO +/- 2°F, SUPPLIED WITH SHOWER HEAD.	Y	1/2"	1/2"	-	-
	DRAIN	McGUIRE MANUFACTURING CO., INC. SHOWER STRAINER MODEL 1266A, 2" FIP, HEAVY CAST BRASS BODY, STAINLESS STEEL GRID, VANDAL RESISTANT SCREWS.	-	-	-	2"	2"
	SK-1	MOEN SANI-SINK DOUBLE BOWL SINK MODEL 22129, 20 GAUGE TYPE 301 NICKEL BEARING STAINLESS STEEL, (2) 14" X 16" X 5 1/2" BOWLS, SINK LEDGE WITH (4) HOLES ON 4" CENTERS, 3 1/2" RECESSED DRAIN OPENING, FULLY UNDERCOATED FOR SOUND AND TEMPERATURE INSULATION, LUSTROUS SATIN TONE POLISHED FINISH, CSA AND IAPMO CERTIFIED TO MEET ASME A112.19.3M, 5 YEAR WARRANTY.	Y	-	-	1 1/2"	1 1/4"
FAUCET	FAUCET	MOEN SANI-SINK SINGLE HANDLE FAUCET MODEL 8720, CHROME PLATED METAL CONSTRUCTION, VANDAL RESISTANT SCREWS, 12" SPOUT, LEVER STYLE HANDLE WITH HOT AND COLD COLOR INDICATORS, PULL-ON/PUSH-OFF OPERATION, 2.0 MAXIMUM GPM, SPRAY WITH FLEXIBLE HOSE, CSA AND IAPMO CERTIFIED TO MEET ASME A112.18.1M, 5 YEAR WARRANTY.	Y	1/2"	1/2"	-	-
	BASKET STRAINER DRAIN ASSEMBLY	MOEN SANI-SINK MODEL 52688, CAST BRASS BODY, STAINLESS STEEL BASKET WITH BRASS SLIDE POST, CAST BRASS STOPPER, BRASS LOCKNUT, 17 GAUGE TAILPIECE.	-	-	-	1 1/2"	-
	END OUTLET CONTINUOUS WASTE	McGUIRE MANUFACTURING CO., INC. MODEL 111C16G17, 17 GAUGE, CHROME PLATED, SEAMLESS BRASS WASTE ARM, BRASS TAILPIECE AND CAST BRASS NUTS.	-	-	-	1 1/2"	-
P-TRAP ASSEMBLY	P-TRAP ASSEMBLY	McGUIRE MANUFACTURING CO., INC. MODEL B8912 HEAVY CAST BRASS BODY P-TRAP WITH 17 GAUGE TUBULAR BRASS WALL BEND WITH CLEANOUT PLUG, SHALLOW STEEL FLANGE, 1 1/2" X 1 1/2" X 17 GAUGE.	-	-	-	1 1/2"	-
	LAVATORY SUPPLIES (2 REQUIRED)	McGUIRE MANUFACTURING CO., INC. MODEL 177, 1/2" COPPER SWEAT X 1/2" OD, CHROME PLATED BRASS ANGLE STOP, ROUND WHEEL HANDLES, 12" FLEXIBLE CHROME PLATED COPPER LAVATORY RISER, CHROME PLATED STEEL FLANGE.	-	1/2"	1/2"	-	-
	TPV-1	MIFAB INC. MODEL M2-500, PRESSURE DROP ACTVATED, BRASS CONSTRUCTION, FOUR VIEW HOLES, REMOVABLE FILTER SCREEN, 20 TO 125 PSI OPERATING RANGE, -40°F. TO 450°F., SERVING FROM 1 TO 3 DRAINS, CONFORMING TO ASSE #1018.	-	1/2"	-	-	-
TPV-2	TRAP PRIMER VALVE	PRECISION PLUMBING PRODUCTS, INC. MODEL P-2, ADJUSTABLE FOR LINE PRESSURE, ADJUSTABLE DELIVERY AMOUNT, 35 TO 75 PSIG OPERATING RANGE, -65°F. TO 135°F., MACHINED CORROSION RESISTANT BRASS, WITH DU-4 DISTRIBUTION UNIT (4 DRAINS), CONFORMING TO ASSE #1018, WARRANTED FOR LIFE OF SYSTEMS.	-	1/2"	-	-	-
UR-1	URINAL	AMERICAN STANDARD MODEL 6561.017 TRIMBROOK URINAL, VITREOUS CHINA, 1.0 GPF, 17" RIM HEIGHT, FLUSHING RIM, SIPHON JET FLUSH ACTION, EXTENDED SIDES, COMPLETE WITH TWO WALL HANGERS.	Y	1/2"	-	4"	2"
FLUSH VALVE	FLUSH VALVE	SLOAN ROYAL MODEL 185-1 FLUSH VALVE	-	1/2"	-	-	-
	WC-1	AMERICAN STANDARD MODEL 2257.103 AFWALL ELONGATED TOILET, VITREOUS CHINA, 1.6 GPF, MOUNTED AT 17" RIM HEIGHT, ELONGATED SIPHON ACTION BOWL, FULLY GLAZED TRAPWAY, CONDENSATION CHANNEL, WALL MOUNTED, 1 1/2" INLET SPUD, 2" BALLPASS TRAPWAY, 10" X 12" WATER SURFACE AREA. INTENDED FOR USE WITH A NEOPRENE WASTE OUTLET SEAL RING.	Y	-	-	4"	2"
	FLUSH VALVE	SLOAN VALVE COMPANY MODEL 111-YO, DUAL FILTERED BYPASS, PERMEX DIAPHRAGM, HANDLE PACKING, STOP SEAT AND VACUUM BREAKER, ADA COMPLIANT METAL OSCILLATING NON-HOLD-OPEN HANDLE WITH TRIPLE SEAL HANDLE PACKING, 1" IPS SCREWDRIVER BAK-CHEK ANGLE STOP, FREE SPINNING VANDAL RESISTANT STOP CAP ADJUSTABLE TAILPIECE, HIGH BACK PRESSURE VACUUM BREAKER FLUSH CONNECTION, ONE PIECE COUPLING NUT, SWEAT SOLDER ADAPTER WITH COVER TUBE AND CAST SET SCREW WALL FLANGE, CHROME PLATED FINISH, VALVE BODY, COVER, TAILPIECE AND CONTROL STOP SHALL BE SEMI-RED BRASS. BUMPER ON ANGLE STOP FOR OPEN FRONT SEAT WITHOUT COVER. VALVE SHALL CONFORM TO ASSE 1037, AND ANS/ASME 112.19.6.	-	1"	-	-	-
CARRIER	CARRIER	ZURN MODEL Z-1208-N42 VERTICAL SIPHON JET WATER CLOSET SUPPORT SYSTEM, NO-HUB COUPLINGS, DURA-COATED CAST IRON MAIN FITTING, SEPARATE FACEPLATE RIGIDLY MOUNTED ON FITTING, UNIVERSAL FLOOR MOUNTED FOOT SUPPORTS, CORROSION RESISTANT ADJUSTABLE ABS COUPLING WITH INTEGRAL TEST CAP, FIXTURE BOLTS, TRIM, AND STUD PROTECTORS. REAR ANCHOR TIE DOWN, AND BONDED "NEO-SEAL" GASKET, FLUSH VALVE SUPPLY SUPPORT.	-	-	-	-	-
	SEAT	CHURCH SEATS MODEL 9500C ELONGATED OPEN FRONT SEAT LESS COVER, EXTRA HEAVY WEIGHT, INJECTION MOLDED OF SOLID PLASTIC, MOLDED IN BUMPERS, 300 STAINLESS STEEL CHECK HINGES, WHITE.	-	-	-	-	-
			-	-	-	-	-

FIXTURE/EQUIPMENT SCHEDULE (CONTINUED)

ITEM	FIXTURE DESCRIPTION	EQUIPMENT SPECIFICATION	ADA (Y/N)	POTABLE WATER CONNECTIONS		WASTE AND VENT CONNECTIONS	
				COLD	HOT	WASTE	VENT
WC-2	WATER CLOSET	AMERICAN STANDARD MODEL 2234.015 MADERA ELONGATED TOILET, VITREOUS CHINA, 1.6 GPF, 14 1/8" RIM HEIGHT, ELONGATED SIPHON ACTION BOWL, FULLY GLAZED TRAPWAY, 1 1/2" INLET SPUD, 2" BALLPASS TRAPWAY, 11" X 13" WATER SURFACE AREA.	N	-	-	4"	2"
FLUSH VALVE	FLUSH VALVE	SLOAN VALVE COMPANY MODEL 111-YO, DUAL FILTERED BYPASS, PERMEX DIAPHRAGM, HANDLE PACKING, STOP SEAT AND VACUUM BREAKER, ADA COMPLIANT METAL OSCILLATING NON-HOLD-OPEN HANDLE WITH TRIPLE SEAL HANDLE PACKING, 1" IPS SCREWDRIVER BAK-CHEK ANGLE STOP, FREE SPINNING VANDAL RESISTANT STOP CAP ADJUSTABLE TAILPIECE, HIGH BACK PRESSURE VACUUM BREAKER FLUSH CONNECTION, ONE PIECE COUPLING NUT, SWEAT SOLDER ADAPTER WITH COVER TUBE AND CAST SET SCREW WALL FLANGE, CHROME PLATED FINISH, VALVE BODY, COVER, TAILPIECE AND CONTROL STOP SHALL BE SEMI-RED BRASS. BUMPER ON ANGLE STOP FOR OPEN FRONT SEAT WITHOUT COVER. VALVE SHALL CONFORM TO ASSE 1037, AND ANS/ASME 112.19.6.	-	1"	-	-	-
	SEAT	CHURCH SEATS MODEL 9500C ELONGATED OPEN FRONT SEAT LESS COVER, EXTRA HEAVY WEIGHT, INJECTION MOLDED OF SOLID PLASTIC, MOLDED IN BUMPERS, 300 STAINLESS STEEL CHECK HINGES, WHITE.	-	-	-	-	-
	EW-1	HAWS MODEL 8300 EMERGENCY EYEWASH/DRENCH SHOWER, TWIN ABS EYE/FACE WASH HEADS, INTEGRAL FLIP TOP DUST COVERS THAT AUTOMATICALLY RELEASE WITH WATER PRESSURE, POLISHED STAY OPEN CHROME PLATED BALL TIE VALVE, UNIVERSAL EMERGENCY SIGN, DUAL AUTOMATIC PRESSURE COMPENSATION DEVICES, CONFORMING TO ANSI Z358.1. UNIT SWINGS OUT OVER SINK BASIN DURING USE.	N	1/2"	-	-	-
EW-1	EMERGENCY EYEWASH DRENCH SHOWER	HAWS MODEL 8300 EMERGENCY EYEWASH/DRENCH SHOWER, TWIN ABS EYE/FACE WASH HEADS, INTEGRAL FLIP TOP DUST COVERS THAT AUTOMATICALLY RELEASE WITH WATER PRESSURE, POLISHED STAY OPEN CHROME PLATED BALL TIE VALVE, UNIVERSAL EMERGENCY SIGN, DUAL AUTOMATIC PRESSURE COMPENSATION DEVICES, CONFORMING TO ANSI Z358.1. UNIT SWINGS OUT OVER SINK BASIN DURING USE.	N	1/2"	-	-	-

BUILDING WASTE SYSTEM SUMMARY

FIXTURE DESCRIPTION	QUANTITY	FIXTURE UNIT VALUE	FIXTURE UNIT SUB-TOTAL	
LAVATORY	6	1	6	TOTAL FIXTURE UNITS
EYE WASH	1	2	2	
JANITOR SINK	1	2	2	
WATER CLOSET	5	4	20	
URINAL	5	2	6	
SHOWER	6	2	12	
FLOOR DRAIN 3"	9	2	18	
FLOOR DRAIN 4"	12	2	24	
WATER COOLER	2	.5	1	
DOUBLE BOWL SINK	1	2	2	
USE .4" BUILDING DRAIN LINE SIZE @ 1/8" PER FOOT SLOPE				83

				DESIGNED	_____	RDM
				DRAWN	_____	RDM
				CHECKED	_____	
3	RECORD DRAWING	JAN 2006		PROJ. ENGR.	_____	H & S
2	CONSTRUCTION	JAN 2004				
1	REGULATORY APPROVAL	NOV 2003				
NO.	ISSUED FOR	DATE	BY	APPROVED		

RECORD DRAWING

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY M. GINGER SCOGGINS, SEAL NUMBER 0402 033234. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT

EDI

Engineered Designs, Inc.
1011 Schaub Dr. Suite 201
Raleigh, North Carolina 27606
Office: 919.851.8481
Fax: 919.851.9703

Hazen and Sawyer