PLUMBING FIXTURE SCHEDULE (ROUGH-IN & CONNECT)

SYMBOL	DESCRIPTION	W	TRAP	V	CW	HW	REMARKS
WC 1	WATER CLOSET (ADULT ACCESSIBLE)	4"	INT.	2"	1 1/2"	–	AMERICAN STANDARD MADERA MODEL NO. 2305.100, FLOOR MOUNTED BARRIER FREE HEIGHT, VITREOUS CHINA, SLOAN ROYAL II MODEL NO. 111 FLUSH VALVE. OLSONITE SEAT MODEL NO. 95CT.
UR 1	WATERLESS URINAL (ADULT ACCESSIBLE)	2"	INT.	1 1/2"	1 1/4"	–	SLOAN WATERFREE MODEL NO. WES-1000 COMPLETE WITH CARTRIDGE KIT. COLD WATER SHALL BE STUBED 1" FROM FACE OF WALL ABOVE URINAL WITH ESCUTECHEN FOR FUTURE FLUSH VALVE CONNECTION. URINAL LIP HEIGHT SHALL BE MOUNTED AT 17" MAX ABOVE FINISHED FLOOR.
L 1	LAVATORY (ADULT ACCESSIBLE)	2"	1 1/2"	1 1/2"	1/2"	–	AMERICAN STANDARD MODEL NO. 0356.421, WALL MOUNTED, VITREOUS CHINA, SINGLE HOLE CHICAGO METERED FAUCET #333-665 PSH. INSULATE TRAP AND WATER PIPING UNDER LAVATORY WITH "PLUMBEREX" TRAP GEAR ADA INSULATION. INCLUDE J.R. SMITH CONCEALED ARM #0700 FLOOR MOUNTED SUPPORT.
SK 1	SINK STAFF LOUNGE (ACCESSIBLE)	2"	1 1/2"	1 1/2"	3/4"	3/4"	JUST NO. SL-ADA-1921-A-GR 3 HOLE PUNCHING, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL, SELF-RIMMING, 19"X18"X4 1/2" DEEP. DRAIN SHALL BE AT CENTER REAR TO COMPLY WITH ACCESSIBLE KNEE SPACE CLEARANCES. INSTALL IN-SINK ERATOR "EVOLUTION" ESSENTIAL 3/4 HP, 120V, 1ø, 60HZ WITH PLUG-IN POWER CORD. INSULATE TRAP & SUPPLIES WITH "PLUMBEREX" TRAP GEAR ADA INSULATION. FAUCET: CHICAGO #1100-CP DECK MOUNTED 8" CC SWING SPOUT 2.2 GPM FLOW RATE. CHICAGO #1017 LOOSE KEY STOPS & RIGID SUPPLIES, LA PATTERN 17 GAUGE CP P-TRAP.
SK 2	SINK CLASSROOM (ACCESSIBLE)	2"	1 1/2"	1 1/2"	3/4"	–	JUST NO. CRA-ADA-1725-A-GR, 2 HOLE PUNCHED, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL, SELF-RIMMING, 17" X 25" X 4 1/2" DEEP. COUNTER TOP MOUNTED. COMPLETE WITH CHICAGO NO. 350 FITTING ON LEFT CENTER, JUST NO. JSB-10 BUBBLER ON RIGHT FRONT, CHICAGO NO. 1006 LOOSE KEY STOPS WITH RIGID SUPPLIES, McGUIRE NO. PW1152WC DRAIN AND LA PATTERN 17 GAUGE CP P-TRAP.
DF 1	DRINKING FOUNTAIN HI-LOW (ACCESSIBLE)	2"	1 1/2"	1 1/2"	3/4"	–	HAWS # 1501 BARRIER FREE "HI-LO", DUAL HEIGHT ENAMELED IRON DRINKING FOUNTAIN WITH MATCHING BACK PANEL WITH MODEL # 6800 SUPPORT CARRIER COMPLETE WITH FILTER MODEL # 6426 FOR EACH DRINKING FOUNTAIN. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
FD 1	FLOOR DRAIN	2"	2"	1 1/2"	1/2" TP	–	J.R. SMITH MODEL #2005-A-NB-P050-U, DUCO CAST BODY, ROUND NICKEL-BRONZE HEEL PROOF ADJUSTABLE 5" STRAINER GRATE WITH VANDAL PROOF SCREWS, DOUBLE DRAINAGE FLANGE, WEEP HOLES. PROVIDE WITH TRAP PRIMER CONNECTION.
TP 1	TRAP PRIMER (AUTOMATIC)	–	–	–	1/2"	–	PRECISION PLUMBING PRODUCTS #PR-500 WITH DISTRIBUTION UNIT DU-2, DU-3 OR DU-4 AS REQUIRED TO ALL FLOOR DRAINS AND FLOOR SINKS. PROVIDE ACCESS PANEL.
WHA 1	WATER HAMMER ARRESTOR	–	–	–	–	–	JR SMITH HYDROTROL SERIES 5000BS INSTALLED IN TO COLD WATER HEADER BEHIND ACCESS PANEL. SIZE PER PDI RECOMMENDATIONS.

DOMESTIC COLD WATER SIZING

PIPE SIZE	FLOW RATE (GPM)	VELOCITY (FT/SEC.)	FIXTURE UNITS	
			FLUSH TANK	FLUSH VALVE
1/2"	1.75	2.25	1	–
3/4"	4	3.00	4	–
1"	9	3.75	12	–
1 1/4"	18	4.73	26	–
1 1/2"	28	5.27	49	11
2"	56	6.0	155	63
2 1/2"	89.25	6.0	305	176
3"	127.40	6.0	533	430

PIPE MATERIAL: TYPE L COPPER
MAXIMUM ACCEPTABLE PRESSURE LOSS: 3.0 PSI/100 FT.
MAXIMUM ACCEPTABLE VELOCITY: 6 FT./SEC.

DOMESTIC HOT WATER SIZING

PIPE SIZE	FLOW RATE (GPM)	VELOCITY (FT/SEC.)	FIXTURE UNITS	
			FLUSH TANK	FLUSH VALVE
1/2"	1.75	2.25	1	–
3/4"	4	3	4	–
1"	9	3.75	12	–
1 1/4"	15.67	4.0	26	–
1 1/2"	22.18	4.0	34	–
2"	38.59	4.0	78	–
2 1/2"	59.50	4.0	170	–
3"	84.93	4.0	294	–

PIPE MATERIAL: TYPE L COPPER
MAXIMUM ACCEPTABLE PRESSURE LOSS: 3.0 PSI/100 FT.
MAXIMUM ACCEPTABLE VELOCITY: 4 FT./SEC.

SANTA ANA UNIFIED SCHOOL DISTRICT

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Architect Seal

LICENSED ARCHITECT
GUILLERMO AGUILAR
NO. C13165
REN.: MAY 2012
STATE OF CALIFORNIA

Consultant and Seal

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STATE OF CALIFORNIA

Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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DATE NOV 24 2009

No.	Date	Revision/Issue
	12/08/08	DSA SUBMITTAL
	02/11/09	DSA SUBMITTAL
	5/11/09	DSA BACKCHECK
	12/15/2011	BID SET

Project Name

MUIR
FUNDAMENTAL
SCHOOL MODERNIZATION
1951 MABURY ST.
SANTA ANA, CA 92707

Checked By: W.S.H.
Drawn By: A.D.

Sheet Title

SCHEDULES

Sheet Number

P0.2

Project Number: 10021-010
Scale: AS SHOWN

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