PLUMBING FIXTURE SCHEDULE

FIXTURE	SPEC. NO.	DRAIN SIZE	TRAP	VENT	CW SIZE	HW SIZE	REMARKS	MTG. HEIGHT
WATER CLOSET	WC-2	4	INT.	2"	1-1/4"	-	AMERICAN-STANDARD "MADERA" #3043.102 FLOOR MOUNTED. SLOAN ROYAL #111 FLUSH VALVE, BENEKE OPEN FRONT SEAT #523SS. ACCESSIBLE HEIGHT.	A
WATER CLOSET	WC-3	4	INT.	2"	1-1/4"	-	AMERICAN-STANDARD "MADERA" #2234.015 FLOOR MOUNTED. SLOAN ROYAL #111 FLUSH VALVE, BENEKE OPEN FRONT SEAT #523SS.	E
WATER CLOSET	WC-4	4	INT.	2"	1-1/4"	-	AMERICAN-STANDARD "MADERA" #2234.015 FLOOR MOUNTED. SLOAN ROYAL #111 FLUSH VALVE, BENEKE OPEN FRONT SEAT #523SS. ACCESSIBLE HEIGHT.	E
WATER CLOSET	WC-5	4	INT.	2"	1-1/4"	-	AMERICAN-STANDARD "BABY DEVORO" #2282.010 FLOOR MOUNTED. SLOAN ROYAL #111 FLUSH VALVE. OLSONITE OPEN FRONT SEAT #126-CC. ACCESSIBLE HEIGHT.	K
LAVATORY	L-1	2"	1-1/2"	1-1/2"	1/2"	-	AMERICAN-STANDARD "NEW LUCERNE" #0356.421 SIZE 20"x18" WALL HUNG LAVATORY WITH SINGLE HOLE PUNCH FURNISHED WITH SMITH FIG. 723 CARRIER, CHICAGO #333-665 SUPPLY FITTING, CHICAGO #327 GRID DRAIN, 1¼"x1½" 17 GA. C.P. "P" TRAP, SUPPLY, STOP AND WALL FLANGE.	E
LAVATORY	L-2	2"	1-1/2"	1-1/2"	1/2"	-	AMERICAN-STANDARD "NEW LUCERNE" #0356.421 SIZE 20"x18" WALL HUNG LAVATORY WITH SINGLE HOLE PUNCH FURNISHED WITH SMITH FIG. 723 CARRIER, CHICAGO #333-665 SUPPLY FITTING, AMERICAN-STANDARD #7723.018 GRID DRAIN ASSEMBLY, 1¼"x1½" 17 GA. C.P. TRAP, SUPPLY, STOP AND WALL FLANGE. ACCESSIBLE HEIGHT.	* A, K
LAVATORY	L-3	2"	1-1/2"	1-1/2"	1/2"	-	AMERICAN-STANDARD "NEW LUCERNE" #0355.012 SIZE 20"x18" WALL HUNG LAVATORY WITH SMITH FIG. 723 CARRIER, CHICAGO #857-665 SUPPLY FITTING, CHICAGO #7723.018 GRID DRAIN, 1¼"x1½" 17 GA. C.P. "P" TRAP, SUPPLY, STOP AND WALL FLANGE. ACCESSIBLE HEIGHT.	K
LAVATORY	L-4	2"	1-1/2"	1-1/2"	1/2"	1/2"	AMERICAN-STANDARD "NEW LUCERNE" #0355.012 SIZE 20"x18" WALL HUNG LAVATORY WITH WITH SMITH FIG. 723 CARRIER, CHICAGO #895-317 SUPPLY FITTING, AMERICAN-STANDARD #7723.018 GRID DRAIN ASSEMBLY, 1¼"x1¼" 17 GA. C.P. TRAP, SUPPLY, STOP AND WALL FLANGE. INSULATE HW SUPPLIES, TRAP AND TAILPIECE. ACCESSIBLE HEIGHT.	A
SINK	S-1	2"	1-1/2"	1-1/2"	1/2"	-	ELKAY PSDKAD 2517 SELF-RIMMING S.S. SINK SIZE 17"x25"x6½" DEEP. SINK COMPLETE WITH CHICAGO #350 GOOSENECK FAUCET, HAWS 5017LF PUSH BUTTON DRINKING FAUCET & ELKAY LK-35 GRID STRAINER. PROVIDE 1½"x1½" 17 GA. CAST BRASS "P" TRAP, SUPPLY, STOP AND WALL FLANGE	*
SINK	S-2	2"	1-1/2"	1-1/2"	1/2"	1/2"	ELKAY LRAD1919652 SELF-RIMMING S.S. SINK SIZE 19½"x19½"x6½" DEEP. SINK COMPLETE WITH CHICAGO #1100-GN2AE3-317CP GOOSENECK FAUCET, AND ELKAY LK-18 GRID STRAINER. PROVIDE 1-½"x1-½" 17 GA. CAST BRASS "P" TRAP, SUPPLY, STOP AND WALL FLANGE	A
URINAL	U-1	2"	INT.	1-1/2"	3/4"	-	AMERICAN STANDARD "ALLBROOK" 6541.132 1GPF VITREOUS CHINA WALL HUNG, ¾" SPUD, FITTED WITH "SLOAN ROYAL" #186-1 FLUSH VALVE WITH VACUUM BREAKER.	E
URINAL	U-2	2"	INT.	1-1/2"	3/4"	-	AMERICAN STANDARD "ALLBROOK" 6541.132 1GPF VITREOUS CHINA WALL HUNG, ¾" SPUD, FITTED WITH "SLOAN ROYAL" #186-1 FLUSH VALVE WITH VACUUM BREAKER. ACCESSIBLE HEIGHT	E
DRINKING FOUNTAIN	DF-1	2"	1-1/2"	1-1/2"	1/2"	-	HAWS 1501 DUAL HEIGHT, WALL MOUNTED ENAMELED IRON DRINKING FOUNTAIN COMPLETE WITH TWO ONE PIECE FOUNTAINS WITH ROUNDED BOWLS, PUSH BUTTON VALVES, POLISHED C.P. BRASS BUBBLER HEADS AND WASTE STRAINERS, MATCHING MODEL 6715 ENAMELED IRON BACK MOUNTING PLATE, VANDAL-RESISTANT BOTTOM PLATES, 1¼" LOW PROFILE NPT TRAPS, MODEL 6603 ACCESS PANEL, AND MODEL NO. 6800 SUPPORT BARRIER.	

MOUNTING HEIGHTS:
E = ELEMENTARY
A = ADULT
K = KINDERGARTEN AND PRE-SCHOOL

* REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHT.

GENERAL NOTES:

1. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH TITLE 24 C.C.R. AND ALL LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
2. BEFORE STARTING ANY WORK, VERIFY THE ADEQUACY, LOCATION, SIZE, AND AVAILABILITY OF ALL UTILITIES CONCERNED.
3. THE WORK OF THIS PROJECT INVOLVES ADDITION TO AND ALTERATIONS OF THE EXISTING BUILDING TO ACHIEVE THE ARRANGEMENT INDICATED ON THE DRAWINGS. VISIT THE JOBSITE TO D=ETERMINE THE EXTENT OF WORK REQUIRED BY THE CONSTRUCTION ACTIVITIES. THE ARCHITECTURAL DRAWINGS FOR THESE AREAS SHOW THE CHANGES TO BE MADE. REVISE, REARRANGE, REROUTE OR REMOVE EXISTING PIPING AND RELATED APPURTENANCES AS REQUIRED TO ACCOMMODATE THE CHANGES AND ADDITIONS SHOWN TO PROVIDE CONTINUING SERVICE FOR THOSE EXISTING PORTIONS OF THE PROJECT WHICH ARE TO REMAIN IN OPERATION.
4. A. VERIFICATION OF CONDITIONS:
   THE CONTRACTOR SHALL MAKE A DETAILED SURVEY OF THE EXISTING CONDITIONS PERTAINING TO THE WORK UNDER HIS SCOPE PRIOR TO COMMENCING HIS OPERATIONS. ALL DISCREPANCIES OR CONFLICTS BETWEEN THE DRAWINGS AND ACTUAL CONDITIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT IN WRITING FOR CLARIFICATION OR INSTRUCTIONS AND NO WORK SHALL BE DONE WHERE SUCH CONFLICTS OR DISCREPANCIES OCCUR PRIOR TO RECEIPT OF ARCHITECTS INSTRUCTIONS.

   B. EXTENT:
   DEMOLITION AND REMOVAL OF WORK SHALL BE PERFORMED TO THE EXTENT INDICATED, PLUS ANY ADDITIONAL DEMOLITION AND REMOVAL AS IS NECESSARY FOR THE INSTALLATION OF THE NEW WORK AND REMODELING OF EXISTING WORK, REGARDLESS OF THE WORK SHOWN ON THE DRAWINGS. AT HIS OPTIONS THE CONTRACTOR MAY DEMOLISH OR REMOVE MORE OF LESS EXISTING WORK OF THAT INDICATED. PROVIDED THAT SUCH VARIATION WILL EXPEDITE THE WORK AND REDUCE THE COST TO THE OWNER. THIS OPTION SHALL BE SUBJECT TO THE ARCHITECTS APPROVAL.
5. REMOVE ALL EXISTING PIPING EXPOSED THAT IS NOT TO REMAIN IN USE. CAP OR PLUG SAID PIPING BELOW FLOOR, ABOVE CEILING OR IN WALL.
6. THIS CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES FOR CLEARANCES AND WORK INCLUDED PRIOR TO START OR WORK.
7. SEE ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURE LOCATIONS.
8. CLEANOUTS SHALL BE INSTALLED PER LATEST CPC CODE SECTION 707.0 AND SECTION 719.0.
9. PENETRATIONS OR RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE AN APPROVED MATERIAL AS PRESCRIBED IN CBC STD. 7-5 AND SHALL BE U.L. LISTED.
10. ALL FIXTURES SHALL BE PROTECTED DURING CONSTRUCTION FROM ANY DAMAGE. REFINISHED FIXTURES WILL NOT BE ACCEPTABLE UNDER ANY CONDITIONS.
11. ALL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH "GUIDLINES FOR RESTRAINTS OF MECHANICAL SYSTEMS, PLUMBING PIPING SYSTEMS" PUBLISHED BY SMACNA.

UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT.

THE SEISMIC ANCHORAGE OF MECHANICAL AND ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, 2001 CBC CHAPTER 16 AND TABLE 16A-O. (SECTION 1632A)

PLUMBING SYMBOLS and ABBREVIATIONS

SYMBOLS	DESCRIPTION
	SOIL OR WASTE ABOVE FLOOR
	SOIL OR WASTE BELOW FLOOR
SD	STORM DRAIN
X	EXISTING SANITARY SEWER
	SANITARY VENT V.
	COLD WATER C.W.
	HOT WATER H.W.
	SHUT-OFF VALVE
	PRESSURE REDUCING VALVE P.R.V.
	OUTSIDE SCREW & YOKE O.S.Y.
	CHECK VALVE CH. V.
	WALL CLEANOUT W.C.O.
	FLOOR CLEANOUT F.C.O.
	HOSE BIBB
	PLUGGED TEE
	WATER HAMMER ARRESTOR W.H.A.
	GAS COCK G.C.
F	FIRE SPRINKLER LINE
	PLUGGED WYE
	POST INDICATOR VALVE P.I.V.
	RISE
	DROP
	FLOOR DRAIN F.D.-1/2" MAX. OPENING
F.U.	FIXTURE UNIT
I.E.	INVERT ELEVATION
R.I.& C.	ROUGH-IN & CONNECT
A.P.	ACCESS PANEL
ABV.	ABOVE
A.F.F.	ABOVE FINISH FLOOR
BEL.	BELOW
C.I.	CAST IRON
CLG.	CEILING
CONT.	CONTINUATION
EXIST.	EXISTING
BEH.	BEHIND
FLR.	FLOOR
FIN. FLR.	FINISHED FLOOR
FIN. GR.	FINISHED GRADE
HDR.	HEADER
N.I.C.	NOT IN CONTRACT
P.O.C.	POINT OF CONNECTION
S.	SOIL OR SEWER
V.T.R.	VENT THRU ROOF
W.	WASTE
G.P.M.	GALLONS PER MINUTE
H.B.R.	HOSE BIBB RECESSED
R.P.B.P.	REDUCED PRESSURE BACKFLOW PREVENTER
FR.	FROM
T.P.	TRAP PRIMER
V.C.P.	VITRIFIED CLAY PIPE
A.T.P.V.	AUTOMATIC TRAP PRIMER VALVE
◁	THRUST BLOCK
MTD.	MOUNTED
F.V.	FLUSH VALVE

PLUMBING NOTES:

1. CONTRACTOR SHALL INSTALL A BALL VALVE TO ISOLATE WATER SUPPLY AT EACH REMODELED RESTROOM OR ROOM.
2. CONTRACTOR SHALL COORDINATE LAVATORY OR SINK COUNTER CUT-OUT DIMENSIONS W/ CABINET CONTRACTOR FOR THE SPECIFIED PLUMBING FIXTURES PRIOR TO THE SUBMITTAL.
3. CONTRACTOR SHALL VERIFY @ (E) LOCATION HOT & COLD WATER FOR EACH LAVATORY OR SINK AND SUBMIT ACCORDINGLY.

ANCHORAGE/BRACING

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, 1 = 1.1 AND SEISMIC ZONE, Z = 0.4

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE PLUMBING ENGINEER AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITIECT.

SMACNA HAZARD LEVEL AA.

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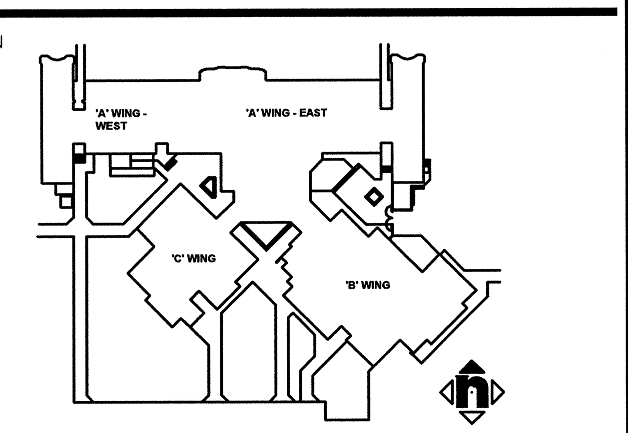
KEY PLAN



AGENCY APPROVAL

FILE NO. -
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-106133
AC FLS SS
DATE

CONSTRUCTION DOCUMENTS

Owner
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT
SAN BERNARDINO CITY
UNIFIED SCHOOL DISTRICT
777 NORTH F STREET
SAN BERNARDINO,CA. 92410

HMC ARCHITECTS 2007

No	Revisions/Submissions	Date
1	DSA ADDENDUM # 1	02/10/10

Consultant Seal
REGISTERED PROFESSIONAL ENGINEER STEVEN M. JOHNSON No. 33209 EXP. 9-30-2011 MECHANICAL STATE OF CALIFORNIA

Consultant
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Project Title
RAMONA-ALESSANDRO ELEMENTARY SCHOOL MODERNIZATION
670 RAMONA AVENUE, SAN BERNARDINO, CA 92411

Drawing Title
PLUMBINGL LEGEND NOTES & SCHEDULES

Architect Seal
LICENSED ARCHITECT CHRISTOPHER RICHARD TAYLOR NO. C-19759 REN. 2-24-11 STATE OF CALIFORNIA

Designed	Project No
TRW/VF	3137118.000
Drawn	Scale
TRW/VF	AS NOTED
Checked	Drawing No
SJ	P1.0
Reviewed	
-	
Date	of 10-014
03/19/04	

" BID ISSUANCE SET"