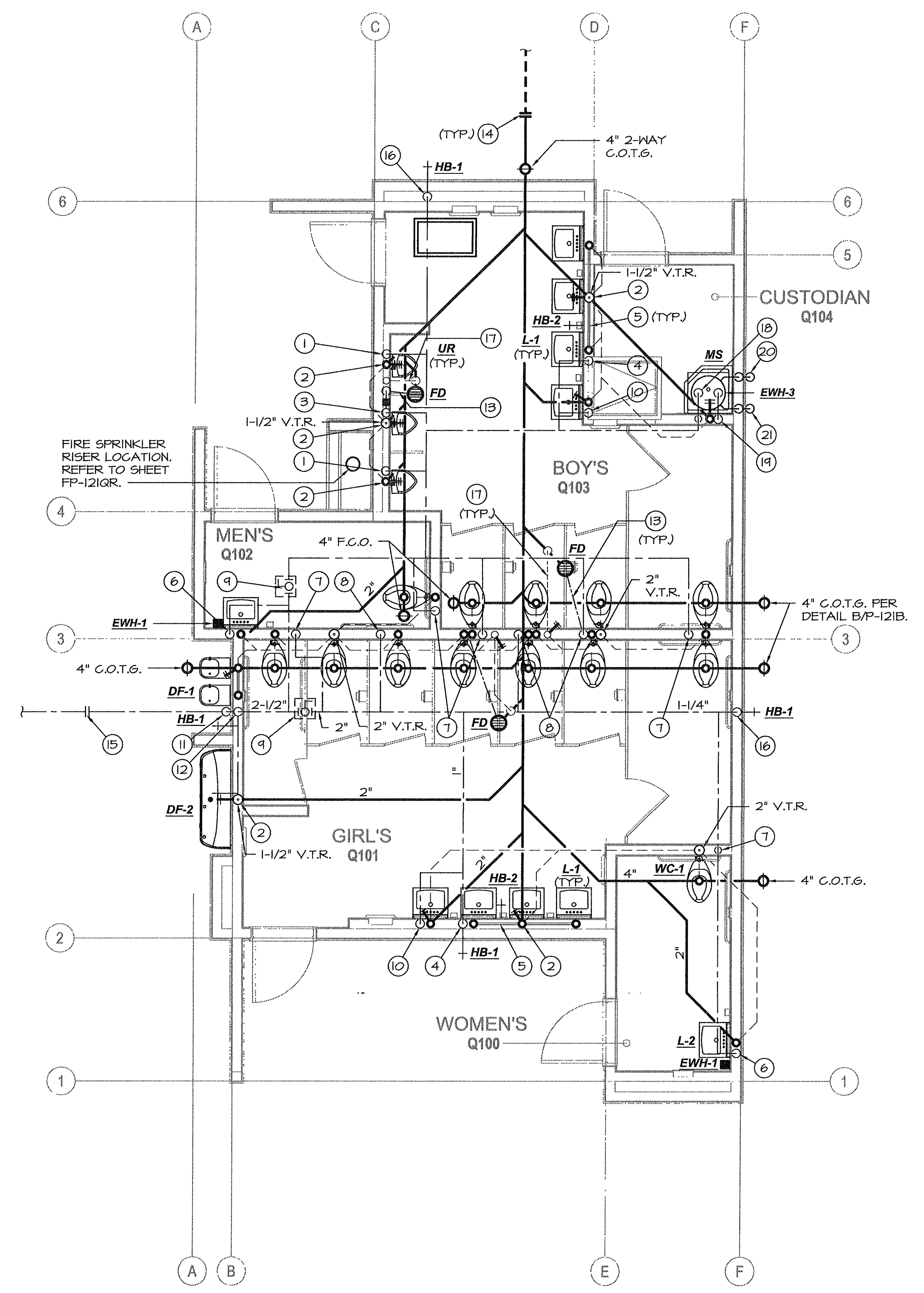


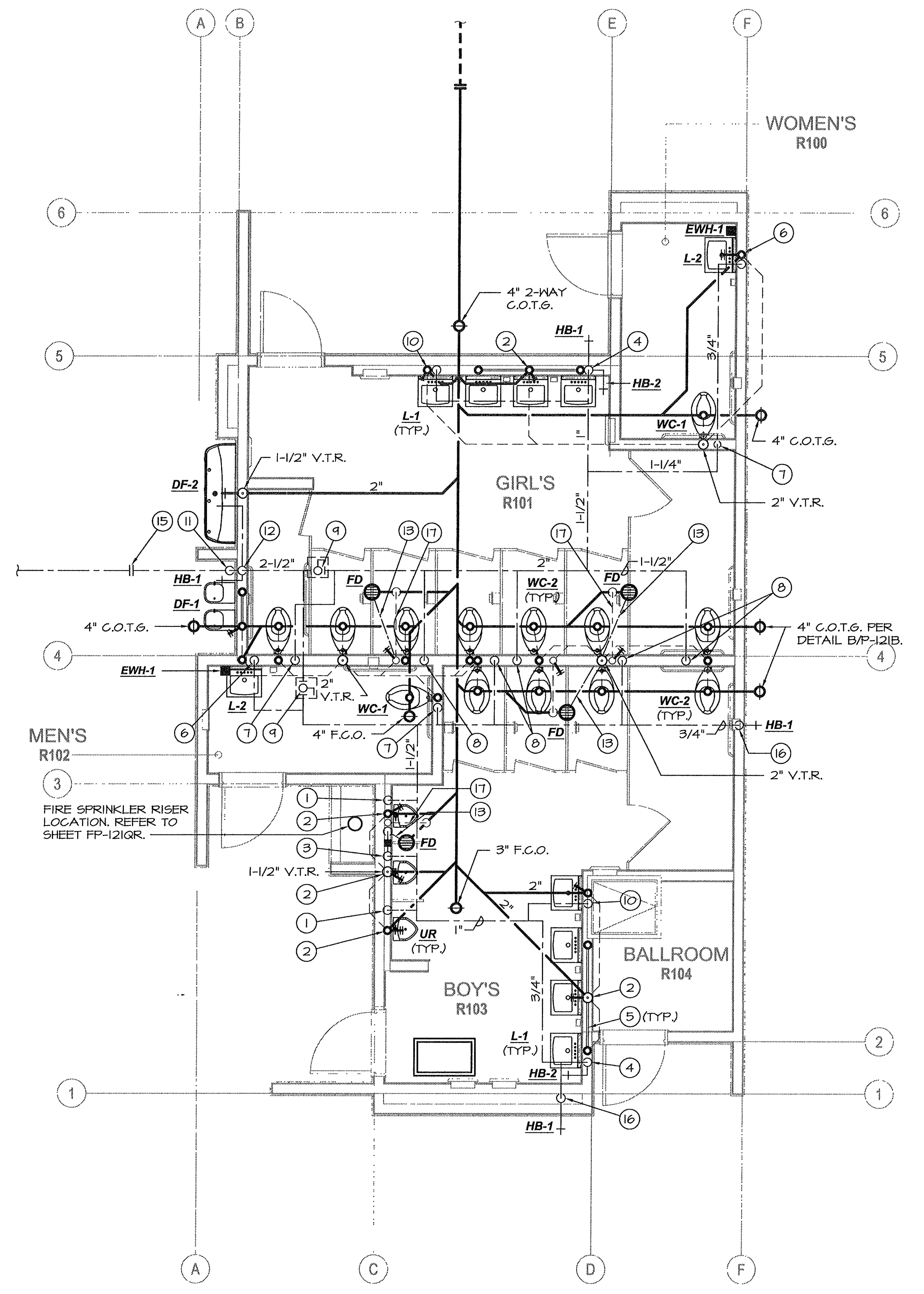
IDENTIFICATION STAMP
 DIVISION OF STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 APPL. #02-112027
 FILE # 15-6
 AC. DATE 11/11/12
 DATE 11/11/12
 PTN # 63321-112

NEW ELEMENTARY SCHOOL
 9801 HIGHLAND KNOLLS DR
 BAKERSFIELD CALIFORNIA 93306
 NEW MIDDLE SCHOOL
 4115 VINELAND ROAD
 BAKERSFIELD CALIFORNIA 93306

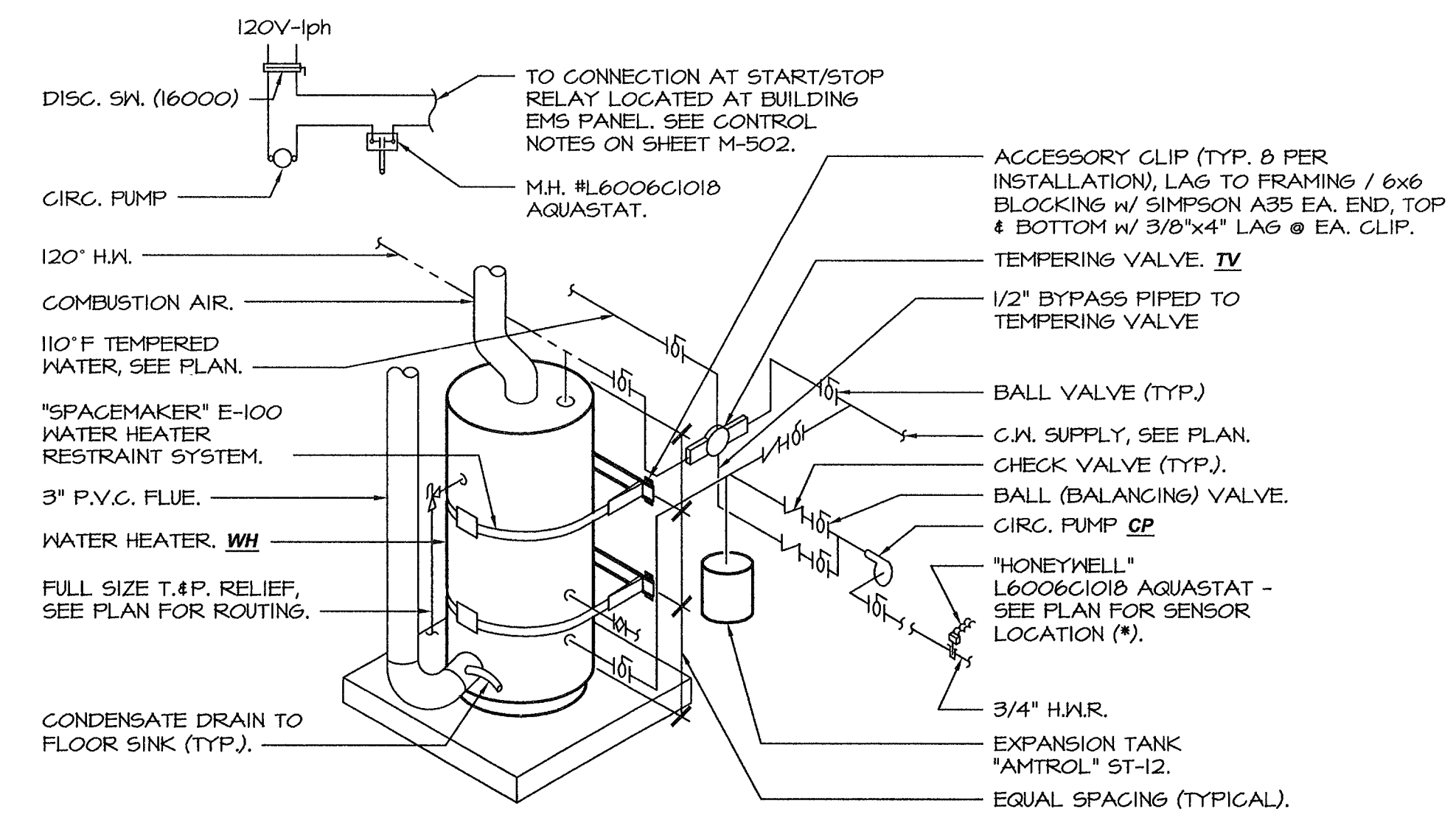
FOR:
BAKERSFIELD CITY SCHOOL DISTRICT
 1300 BAKER STREET
 BAKERSFIELD CALIFORNIA 93305



PLUMBING FLOOR PLAN - BUILDING Q
 SCALE: 1/4"=1'-0"



PLUMBING FLOOR PLAN - BUILDING R
 SCALE: 1/4"=1'-0"



WATER HEATER MOUNTING
 SCALE: N.T.S.

C.W. CALC'S. (BUILDING Q & R):

13 W.C.'s	5 F.U.J.	= 65
3 U.R.'s	4 F.U.J.	= 12
10 L.A.V.'s	1 F.U.J.	= 10
1 M.S.	3 F.U.J.	= 3
2 D.F.'s	1 F.U.J.	= 2
1 H.B.	2.5 F.U.J.	= 2.5
3 H.B.'s	1 F.U.J.	= 3
	TOTAL	= 115
	65 GPM = 2-1/2" @ 4.6 F.P.S. / 1.8 P.S.I. LOSS / 100'	

PLUMBING KEYNOTES:

- 3/4" C.W. down to urinal w/ "Shoktrol".
- 2" W., 2" W.C.O., 1 1/2" V.O. (or V.T.R. - see plan)
- 3/4" C.W. down to Urinal, 1/2" on to trap primer, "Shoktrol".
- 3/4" C.W. down to header w/3/4" to H.B., 1/2" to each of 3 lav's.
- 1 1/2" trap arm
- 3/4" C.W. down w/ 1/2" to E.W.H. and lav. (provide 1/2" H.W. from E.W.H. up to lav.)
- 1 1/2" C.W. down w/ "Shoktrol", reduce to 1" @ flush valve.
- 1 1/2" C.W. down to header w/ 1 1/2" to each W.C., "Shoktrol", reduce to 1" @ flush valve.
- 2" isolation ball valve above ceiling with 12"x12" S.S. access door.
- 3/4" C.W. down, 2" W., 2" W.C.O., 1 1/2" V.O. or V.T.R. (see plan).
- 2 1/2" C.W. up to 12" above grade with gate valve, enter wall and rise.
- 2 1/2" C.W. up to attic w/ 3/8" taps @ fixture height for D.F.'s and H.B.
- 1/2" trap primer line below slab.
- P.O.C. 4" S.W. to 5' out, see Civil plans for continuation.
- P.O.C. 2 1/2" C.W. to 5' out, see Civil plans for continuation.
- 3/4" C.W. down to H.B.
- 2" V.O. below slab.
- 3/4" C.W. to / H.W. from E.W.H. Mount per detail D/P-122A and EP-122A (except less tempering valve).
- 3/4" H.W./C.W. down to M.S., 3" W., 3" W.C.O., 1 1/2" V.O.
- 3/4" T.&P. relief down to spill 6" above grade with elbow down.
- 1" Secondary pan drain down to 6" above grade.

MARK	DATE	DESCRIPTION
△		
△		
△		
△		

JOB NUMBER:
200101244
 CAD DRAWING FILE:
 DRAWN BY:
KW
 CHECKED BY:
MB
 CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK. REPORT DISCREPANCIES TO THE ARCHITECT.
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PLUMBING FLOOR PLANS - BUILDING Q & R
 SHEET IDENTIFICATION NUMBER
P-121QR

