AND CHLORINATED PRIOR TO MAKING CONNECTION. SWAB PIPE USED FOR CONNECTION WITH CL_2 SOLUTION (100 PPM MIN)

MAIN IS IN SERVICE. REMOVE VALVE CAN AND PLUG MAIN WITH CONCRETE.

NOTES:

1. ALL WATER FACILITIES AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE WATER DEPARTMENT.
2. THE CONTRACTOR SHALL NOTIFY THE WATER DEPARTMENT AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
3. ALL WATER MAINS SHALL BE CLASS 150 A.C. PIPE, UNLESS OTHERWISE INDICATED ON THE PLANS.
4. ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM COVER OF 36" BELOW TOP OF FINISHED SURFACE.
5. ALL WATER MAINS, VALVES, AND FITTINGS SHALL HAVE RING-TITE JOINTS EXCEPT AS OTHERWISE NOTED ON THE PLANS.
6. FIRE HYDRANTS SHALL BE INSTALLED AT B.C.R.'S OR LOT LINES UNLESS OTHERWISE INDICATED ON THE PLANS.
7. NO FIRE HYDRANT SHALL BE LOCATED WITHIN THREE FEET OF DRIVEWAYS.
8. NO TAPS TO EXISTING CITY WATER MAINS SHALL BE MADE WITHOUT THE PRESENCE OF AN AUTHORIZED CITY WATER INSPECTOR. IF ANY SUCH TAPS ARE MADE, THEY SHALL BE EXCAVATED AND ANY ADJUSTMENTS AS WELL AS ALL COSTS OF EXCAVATION AND RESURFACING SHALL BE BORNE BY THE CONTRACTOR.
9. ALL METERS AND METER BOXES WILL BE FURNISHED AND INSTALLED BY THE WATER DEPARTMENT SUBSEQUENT TO PAYMENT OF ALL APPLICABLE CHARGES.
10. TRENCH BACKFILL SHALL BE COMPACTED TO 95% RELATIVE DENSITY IN THE UPPER 30" AND 90% RELATIVE DENSITY BELOW 30" AS DETERMINED BY THE FIVE LAYER TEST METHOD. (CALIF. 216-F)
11. ALL SANITARY SEWER FACILITIES SHALL, WHEREVER POSSIBLE, MAINTAIN 10 FEET HORIZONTAL SEPARATION FROM POTABLE WATER SUPPLY FACILITIES. ALL PERPENDICULAR CROSSING OF THE SEWER FACILITIES SHALL MAINTAIN A VERTICAL SEPARATION OF TWO FEET BELOW THE WATER CONDUIT OR SHALL BE CONSTRUCTED OF CAST IRON PIPE WITH PRESSURE TIGHT JOINTS. ALL EXCEPTIONS TO THE ABOVE MUST BE APPROVED BY THE DIRECTOR OF THE WATER DEPARTMENT.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR RAISING GATE VALVE CANS TO FINISH GRADE AFTER PAVING IS COMPLETED.
13. TUNNELING OF CURB AND GUTTER, SIDEWALKS, CROSS GUTTER AND OTHER STRUCTURES WILL NOT BE PERMITTED WITHOUT REPLACEMENT OF THE STRUCTURE. CONCRETE REPLACEMENT SHALL BE TWO FEET BEYOND THE EDGE OF TRENCH, UNLESS THE DISTANCE IS LESS THAN FIVE FEET TO AN EXPANSION JOINT OR CRACK, IN WHICH CASE REPLACEMENT WILL BE TO EXPANSION JOINT OR CRACK.
14. COMPACTION SHALL BE 95% IN ALL PUBLIC RIGHT OF WAY AND 90% ON SITE.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR RAISING GATE VALVE CANS TO GRADE WHEN FINAL PAVING IS PLACED.

CONSTRUCTION NOTES:

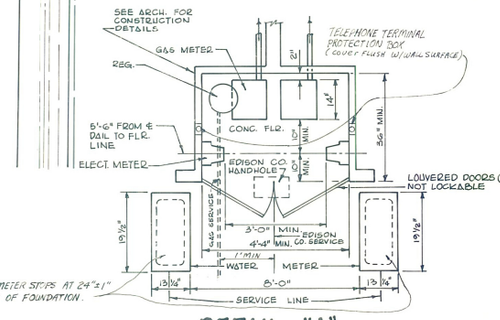
1. CONST. 8" CLASS 150 A.S.B. CEM. W.M.
2. CONST. 4" CLASS 150 A.S.B. CEM. W.M.
3. INSTALL FIRE HYDRANT ASS'Y PER STD. DWG. X-1 (INSTALL GUARD POSTS PER STD. DWG. X-15 AS REQUIRED BY INSPECTOR.)
4. INSTALL 2" BLOW OFF PER STD. DWG. X-29
5. INSTALL 2" WATER SERVICE FOR 1½" METER PER STD. DWG X-9
6. MAKE CONNECTION TO EXISTING 8" OR 10" WATER MAIN
7. MAKE CONNECTION BETWEEN EXISTING 8" A.C. W.M. AND 8" C.I. W.M. WITH SMITH BLAIR COUPLING # 433-911-905 AND 8" A.C.P. AS REQUIRED.
8. INSTALL TEMPORARY 1" TAP FOR CHLORINATION PURPOSES. ABANDON TAP AT MAIN AFTER USE.
9. ADJUST TO GRADE AND INSTALL GUARD POSTS PER STD. DRAWING X-15 AS REQUIRED BY INSPECTOR.

NOTES FOR CORRECTIONS TO EXISTING 8" A.C. WATER MAIN ON SITE

1. REMOVE ANY EXISTING GATE VALVE CANS AND REPLACE WITH STANDARD G.G. CANS.
2. REMOVE ANY SECTION OF EXISTING 8" MAIN WHICH HAS AN EXISTING TAP AND REPLACE WITH NEW PIPE.
3. NEW 4" CONNECTIONS MAY BE "CUT IN" TEES RATHER THAN HOT TAPS IF DESIRED.

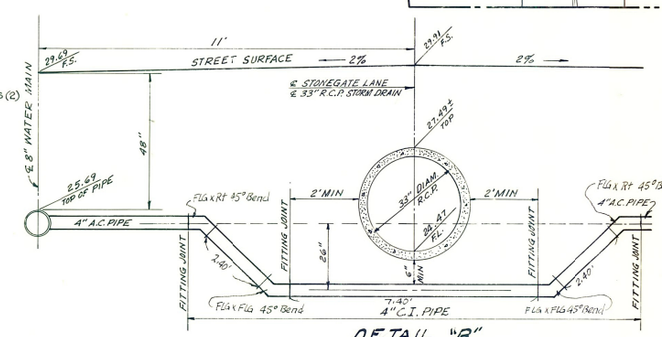
LEGEND:

- EXIST. WATER MAIN . . . . . 8"W
- EXIST. SEWER MAIN W/EXIST. M.H. . . . . .
- V.C.P. SEWER MAIN . . . . . 6"V.C.P.
- A.C.P. WATER MAIN . . . . . 8"W
- SEWER MANHOLE . . . . . ○
- SEWER CLEANOUT . . . . . ∘
- FIRE HYDRANT ASS'Y . . . . . ●
- WATER METER ASS'Y . . . . . ■
- 2" BLOW-OFF . . . . . ▫
- GATE VALVE . . . . . ⊗
- EXISTING TAPS TO BE REMOVED . . . . . ⊠

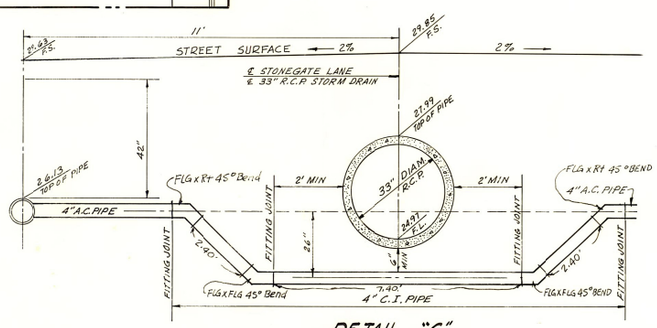


DETAIL "A"
TYP. METER ALCOVE

NOTE: 1. SEE BLDG. FOUNDATION PLANS FOR LOCATION OF METER ALCOVE.
2. IN END UNITS, WHERE ALCOVE SERVICES ONLY THAT UNIT, ALCOVE SHALL BE A MINIMUM OF 3'-6" WIDE AND SHALL CONTAIN GAS REGULATOR AND METER, AND ELECTRIC METER, AS SHOWN IN LEFT HALF OF DETAIL "A".
3. TELEPHONE SERVICE TO ENTER ALCOVE IN EDISON CO. TRENCH.



DETAIL "B"
SCALE 1"=2'



DETAIL "C"
SCALE 1"=2'

ESTIMATE OF QUANTITIES	
DESCRIPTION	QUANT.
8" A.C.P. WATER MAIN	863 L.F.
4" A.C.P. WATER MAIN	200 L.F.
4" GATE VALVE	8 EA.
2" BLOW-OFF	6 EA.
FIRE HYDRANT ASS'Y	3 EA.
8" TAPPING VALVE	2 EA.
1" WATER SERVICE FOR ¾" METER PER X-8B	120 EA.
8" - 90° BEND	2 EA.
2" WATER SERVICE FOR 1½" METER	3 EA.

BENCH MARK:	DESIGNED BY M.S.N.	DRAWN BY C.R.T.	CHECKED BY C.M.L.	DIR. OF DEV. SERVICES 4/9/74	SUBMITTED 4-4-74	APPROVED A-8-74	TRACT NO. 6740	DRAWING NUMBER 0050050