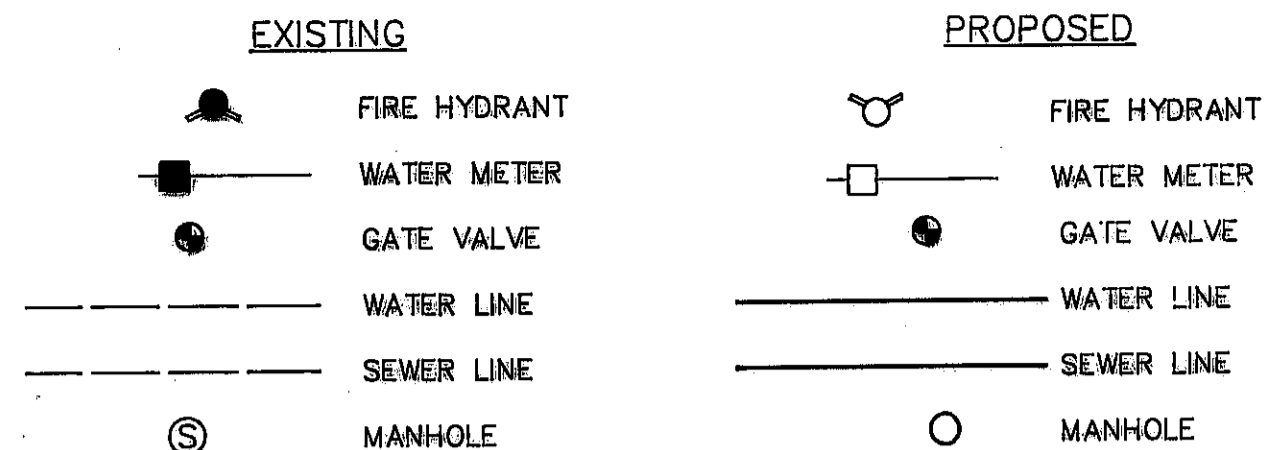
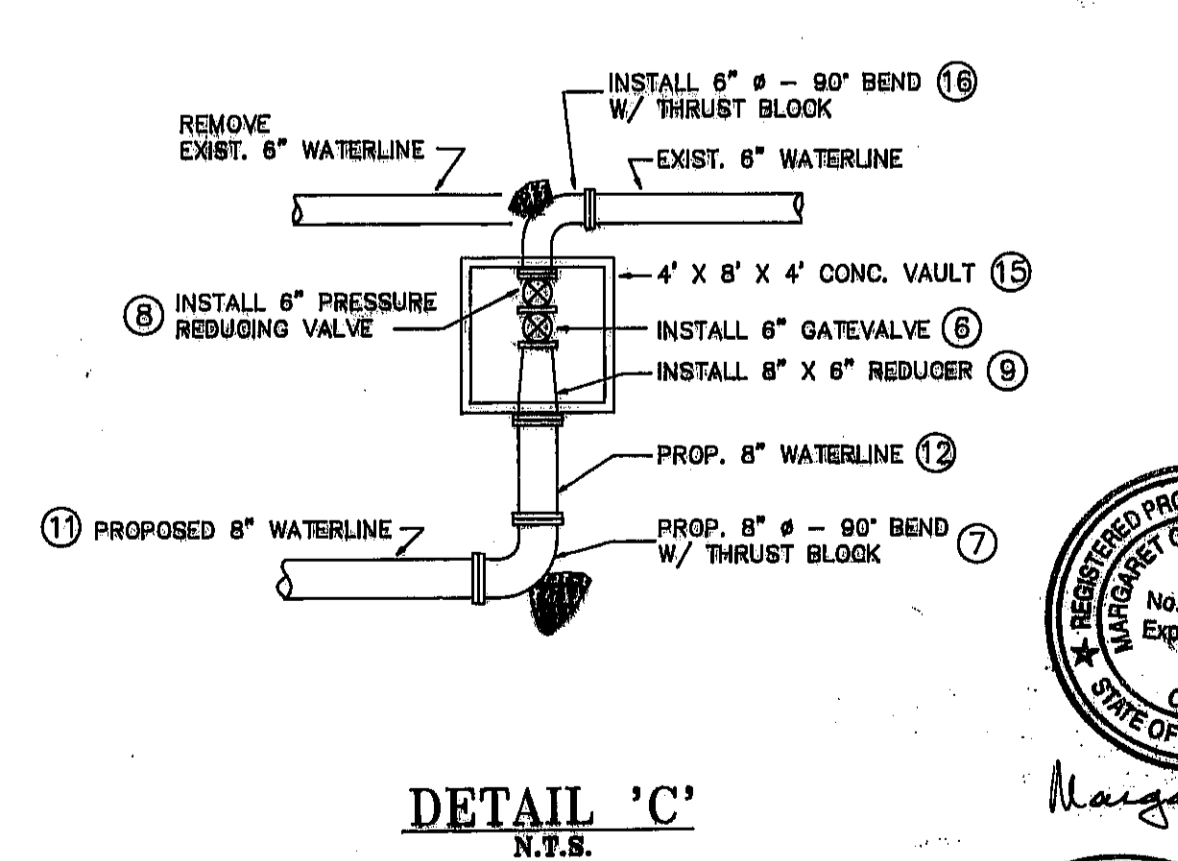
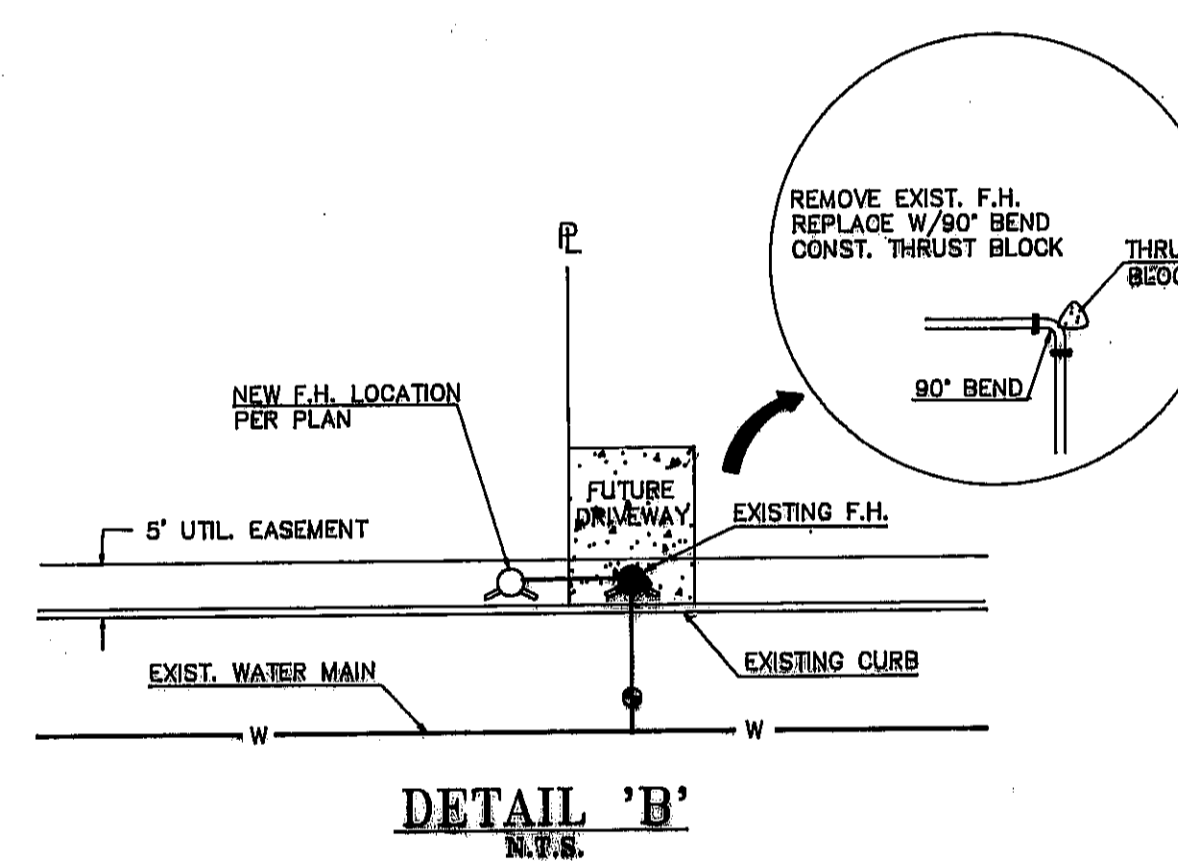
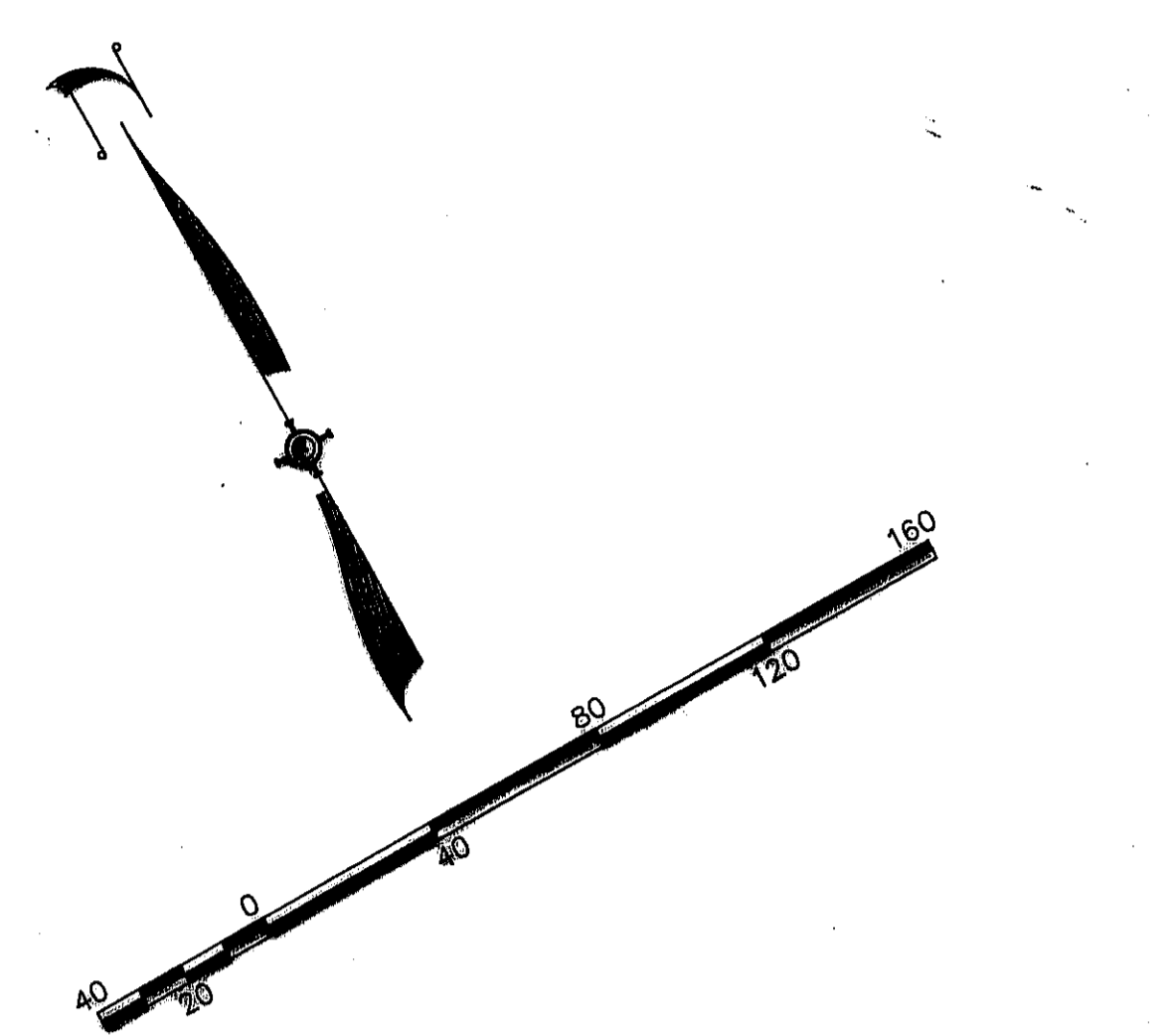


**LEGEND**

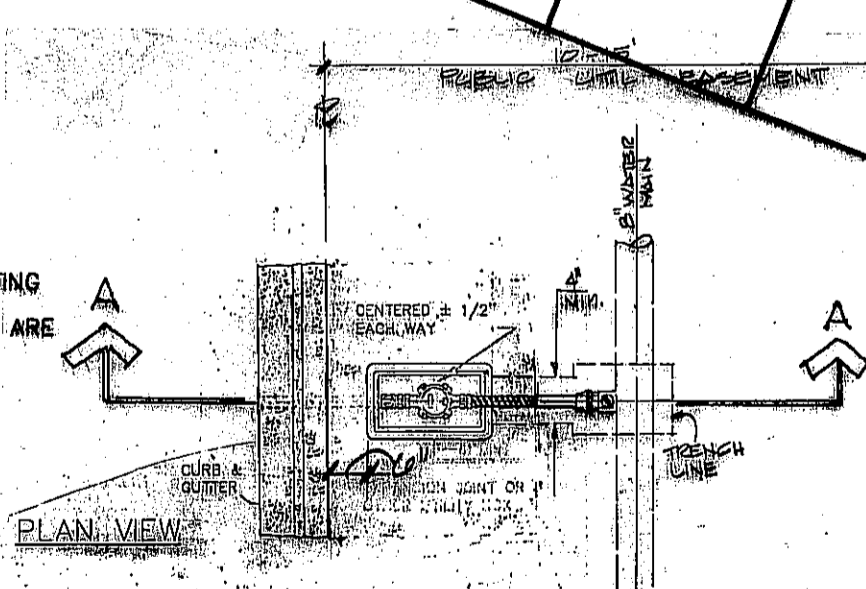


**CONSTRUCTION NOTES**

1. RELOCATE EXISTING WATER METER AS SHOWN (SEE DETAIL "A" HEREON).
2. EXTEND 4" DIA. SEWER LATERAL AS SHOWN (SEE DETAIL "A" HEREON).
3. RELOCATE EXISTING FIRE HYDRANT AS SHOWN (SEE DETAIL "B" HEREON).
4. INSTALL NEW 3/4" WATER SERVICE LATERAL WITH 5/8" WATER METER AS SHOWN.
5. INSTALL NEW 4" DIA. PVC SEWER LATERAL AS SHOWN.
6. INSTALL 6" DIA. GATE VALVE PER DETAIL "C" HEREON.
7. INSTALL 6" 90° BEND W/ THRUST BLOCK.
8. INSTALL 6" DIA. PRESSURE RED. VALVE PER DETAIL "C" HEREON.
9. INSTALL 8" X 6" REDUCER. PER DETAIL "C" HEREON.
10. INSTALL 121 LF OF 8" Ø PVC WATERLINE.
11. INSTALL 94 LF OF 8" Ø PVC WATERLINE.
12. INSTALL 25 LF OF 8" Ø PVC WATERLINE.
13. INSTALL 8" TEE AND 8" GV. CONNECT EXIST WATER TO PROPOSED WATERLINE.
14. OPEN EXIST GATE VALVES, POUR CONCRETE AROUND VALVE AREAS.
15. INSTALL 4' X 8' X 4' CONCRETE VAULT.
16. INSTALL 6" Ø - 90° BEND.
17. INSTALL 75 LF 8" PVC SANITARY SEWER MAIN @ 1% MIN. SLOPE. INVERT OUT = (488.50) INV. 11/11/94.
18. INSTALL 48" Ø SANITARY SEWER MANHOLE.
19. RELOCATE EXISTING 5/8" WATER METER.



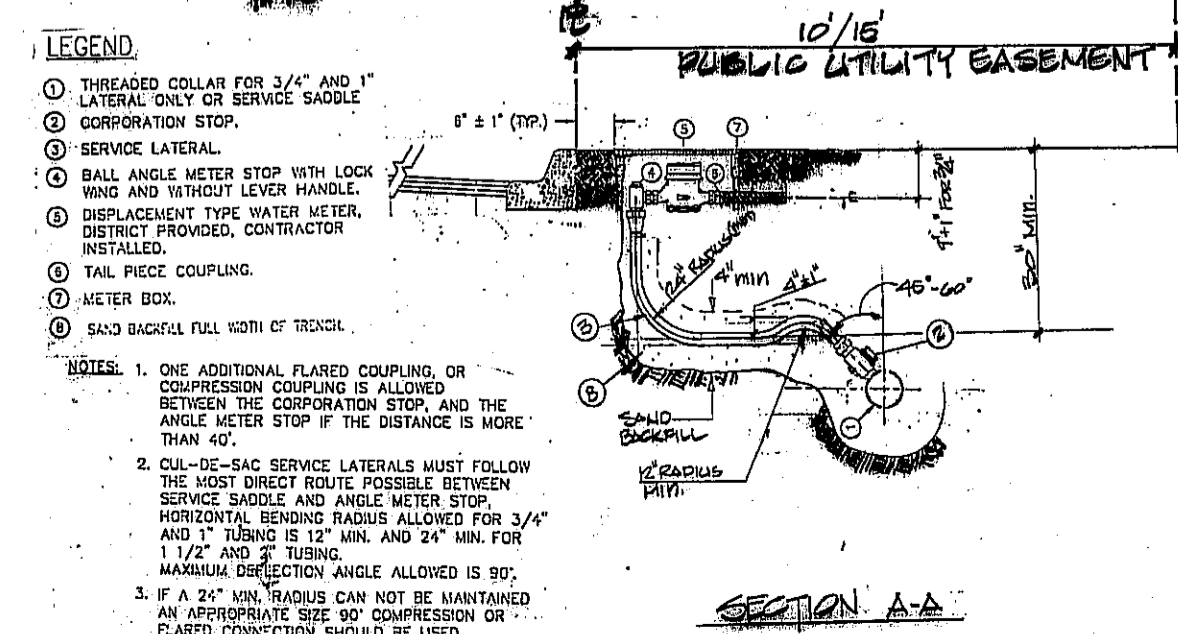
**NOTE:**  
ALL DRIVEWAYS ARE SHOWN FOR THE PURPOSE OF LOCATING WATER AND SEWER SERVICE LATERALS ONLY. DRIVEWAYS ARE NOT TO BE CONSTRUCTED WITH THESE PLANS.



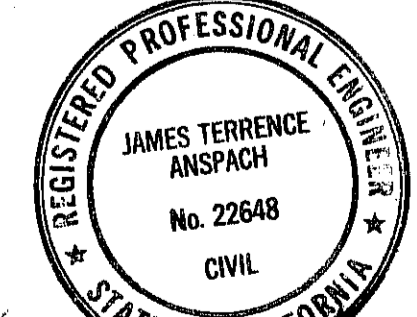
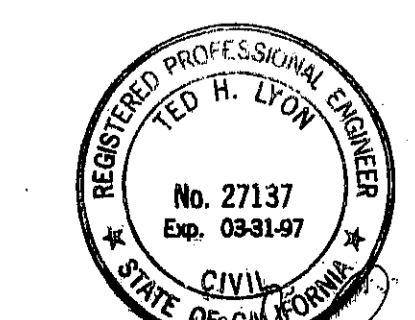
**UTILITY NOTE**

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.  
**Call before you Dig**  
1-800-227-2600  
UNDERGROUND SERVICE (USA)



INSTALL 18" RCP STORM DRAIN PER PORTOBELLO TOWNSHIPS DRAINAGE PLAN, SHT. 1 OF 1 AS PREPARED BY HOLLAND WEST, INC., DATED 07-21-93.



**SUMMIT ENGINEERING CORPORATION**  
CONSULTING ENGINEERS AND SURVEYORS  
1000 SOUTH BAYVIEW AVE. SUITE 100  
SAN ANTONIO, TEXAS 78204  
PHONE (214) 521-2224 FAX (214) 251-3447

DESIGNED BY: A.S.M.  
DRAWN BY: B.R.U.  
CHECKED BY: J.T.A.  
SEPTEMBER 1994

CALIFORNIA  
PORTOBELLO  
MASTER UTILITY PLAN  
SOUTH HALF  
SAN BERNARDINO COUNTY  
CITY OF NEEDLES

REV.	DATE	DESCRIPTION	BY	APP'D
1	6/23/94	REMOVED PROPOSED WATER BEHIND CURB & RELOCATED LATERALS		

SCALE: HORIZ. 1" = 40'  
VERT. N/A

SHEET 10 OF 15  
JOB NO. 70863  
P. DWGS. GHA/ALV - MOD/DEL/DWG