



SANITARY SEWER AND WATER PLAN

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Architecture & Planning

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C-1

NOTES:

Water System

1. ALL CONSTRUCTION, INSTALLATION AND MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF MOUNTLAKE TERRACE STANDARDS. ALL MAINS TO BE CLASS 52 DUCTILE IRON.
2. INSTALLATION:
 - A. LAY PIPE WITH 36" OF COVER FROM FINISH GRADE.
 - B. PLACE POWDERED CHLORINE IN EACH LENGTH AND IN EACH VALVE.
3. STERILIZATION:
 - A. ON ANY MONDAY MORNING FILL CHLORINATED LINE WITH WATER.
 - B. SOAK FOR SIX (6) HOURS AND THEN FLUSH LINE THOROUGHLY TO ELIMINATE IMPURITIES AND CHLORINE.
 - C. FILL LINE AND LET STAND OVER NIGHT.
 - D. CITY FORCES WILL TAKE PURITY SAMPLE ON ANY TUESDAY. PURITY TEST RESULTS CAN BE OBTAINED IN ABOUT THIRTY (30) HOURS, THURSDAYS AFTER 12:00 NOON, BY TELEPHONE. THEIR NUMBER IS 622-0727.
4. TESTING:
 - A. AFTER RECEIVING A POSITIVE PURITY TEST RESULT, ELIMINATE ALL AIR FROM LINE.
 - B. TEST CIP AT 300 POUNDS - DIP AT 275 POUNDS, EACH FOR FIFTEEN (15) MINUTES WITH A LOSS OF NOT MORE THAN FIFTEEN (15) POUNDS.
 - C. USE CHLORINE IN TESTING WATER.
 - D. TEST AGAINST ALL VALVES INCLUDING FIRE HYDRANT VALVES.
5. THE NEW MAIN SHALL NOT BE TAPPED FOR SERVICES UNTIL THE MAIN HAS PASSED THE PRESSURE TEST. THE ONLY EXCEPTION WOULD BE TO ESTABLISH A TEST SITE OR AN AIR RELEASE SITE.
6. CHLORINATED WATER USED FOR STERILIZING THE LINES WILL BE FLUSHED INTO A SANITARY SEMER. NO ON GROUND OR STORM SEWER DISPOSAL WILL BE ALLOWED.

Sewer System

1. ALL CONSTRUCTION, INSTALLATION AND MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF MOUNTLAKE TERRACE STANDARDS.
2. ALL SEWER PIPE TO BE ASTM D3034 SDR 35 PVC.
3. ALL SEWERS TO HAVE A MINIMUM SLOPE OF 2%.
4. ALL SEWERS TO HAVE MINIMUM OF 3' OF COVER.

ACTUAL DIMENSION
IS 10" ϕ SEE
PROPOSAL REQUEST

Approved For Construction
City Of Mountlake Terrace

Date _____

EX. C.B. M.H.
TOP: 335.02
INV: 330.82
TBM

EX. S.S. M.
TOP 334.4
INV. 327.1

LEGEND

	EXIST.	PROPOSED
SANITARY SEWER	SS	
STORM SEWER		
WATER		

Note: Location Of Existing Utilities Is Approximate.
Existing Utilities To Be Field Located Prior
To Construction.



Horton Dennis & Associates, Inc.

Consulting Engineers
SEATTLE, WASHINGTON

Job No 5173.

1	REVISED PER CITY COMMENTS	B.S.	1-12-84
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