

# WATER & SANITARY SEWER SYSTEM CONSTRUCTION NOTES

1. DATUM M.S.L. - B.M. IS NAIL IN CONC. WALK APPROX. 60' FROM WEST END OF 1-5 OVERPASS BRIDGE AT 220TH. NAIL IS IN TAR BEAM IN CONC WALK ON SOUTH SIDE OF BRIDGE. ELEV. AS SUPPLIED BY CITY OF MT LK TERRACE 468.82
2. IF THE CONTRACTOR IS UNSURE OF THE INTENT OF THE ENGINEER'S DRAWINGS OR SUSPECTS AN ERROR, OMISSION, DISCREPANCY, OR CONFLICT IN HIS DRAWINGS, HE SHALL NOTIFY THE ENGINEER AT 542-2188 PRIOR TO INSTALLING ANY WORK OR MATERIALS.
3. FOR LOCATION OF BUILDINGS, PAVING LIMITS, SIDEWALKS, CURBS, LANDSCAPING, PARKING STRIPES, ETC. SEE ARCHITECTURAL SITE PLAN.
4. EXISTING UTILITIES AND EXISTING SITE TOPOGRAPHY ARE BASED ON SURVEY BY CHENOMETH & ASSOC DATED DEC 8 1983.
5. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS (9.8.1) FOR MUNICIPAL PUBLIC WORKS CONSTRUCTION" PREPARED BY APWA - CURRENT EDITION, DIVISIONS III & IV
6. ALL WATER MAINS SHALL BE DUCTILE IRON PIPE, CLASS 52
7. ALL SANITARY SEWER PIPE SHALL BE PVC PER ASTM 2466-OR D3034
8. CONNECTIONS TO THE EXISTING 8" WATER MAIN ON 64TH (VERIFY TYPE OF EXISTING WATER MAIN MATERIAL WITH CITY) SHALL BE WET TAPS. VERIFY TAPPING METHODS INCLUDING MATERIALS AND INSTALLATION WITH THE CITY OF MT LK AT 776-1161.

## STORM DRAINAGE CONSTRUCTION NOTES

1. DATUM M.S.L. - B.M. IS NAIL IN CONC. WALK APPROX. 60' FROM WEST END OF 1-5 OVERPASS BRIDGE AT 220TH. NAIL IS IN TAR BEAM IN CONC WALK ON SOUTH SIDE OF BRIDGE. ELEV. AS SUPPLIED BY CITY OF MT LK TERRACE 468.82
  2. IF THE CONTRACTOR IS UNSURE OF THE INTENT OF THE ENGINEER'S DRAWINGS OR SUSPECTS AN ERROR, OMISSION, DISCREPANCY, OR CONFLICT IN HIS DRAWINGS, HE SHALL NOTIFY THE ENGINEER AT 542-2188 PRIOR TO INSTALLING ANY WORK OR MATERIALS.
  3. FOR LOCATION OF BUILDINGS, PAVING LIMITS, SIDEWALKS, CURBS, LANDSCAPING, PARKING STRIPES, ETC. SEE ARCHITECTURAL SITE PLAN.
  4. EXISTING UTILITIES AND EXISTING SITE TOPOGRAPHY ARE BASED ON SURVEY BY CHENOMETH & ASSOC DATED DEC 8 1983.
  5. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS (9.8.1) FOR MUNICIPAL PUBLIC WORKS CONSTRUCTION" PREPARED BY APWA - CURRENT EDITION
  6. ALL STORM DRAIN PIPE SHALL BE 16 GADE (0.040 INCH THICK) CORRUGATED HELICAL ALUMINUM PER SECTION 60-3.01 OF S.B.
  7. PIPE BEDDING AND BACKFILL SHALL BE IN ACCORDANCE WITH SECTIONS 61-3.03 CS AND 61-3.03 D2 OF S.B.
- ONE UNDERGROUND DETENTION CYSTER SHALL BE 48" DIA. HELL ALUM PIPE, LOCATED 17'11" IN LENGTH WITH 14 CAPS AND CAPS AND 2' LONG STUBS. 2" DIA. AIR VENTS SHALL BE INSTALLED BETWEEN THE TOP OF THE END CAP AND THE UPPER 1/4" OF BOTH 48" DETENTION PIPES

## 220<sup>th</sup> TOWNHOUSE COMPLEX

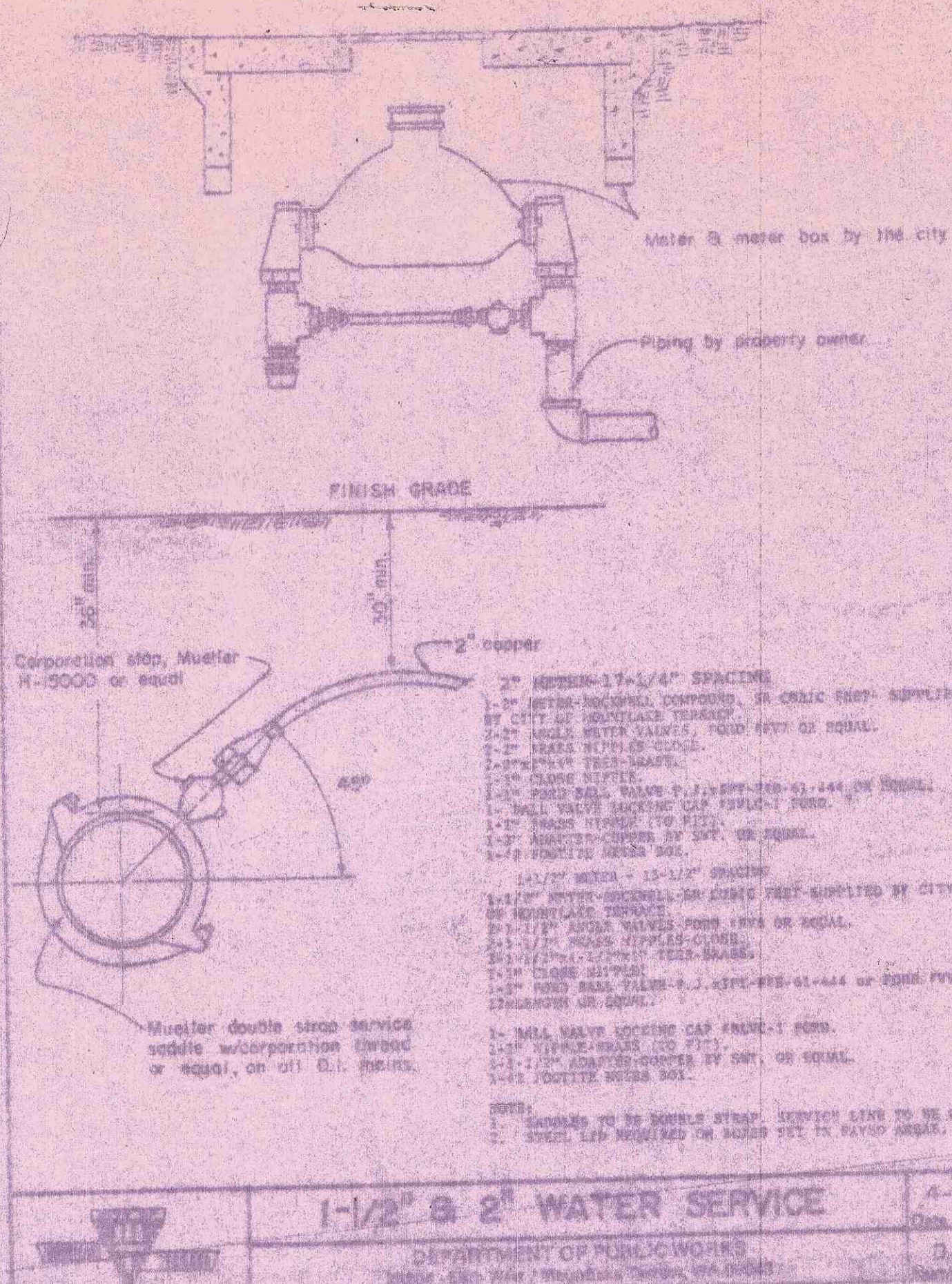
WALKER HOMES  
IN THE CITY OF MT LK TERRACE

WATER & SANITARY SEWER & STORM SEWER PLANS  
IN THE SW/4, NE/4 SEC 22 T 27N R 4E W1M

SHEET 1 OF 2

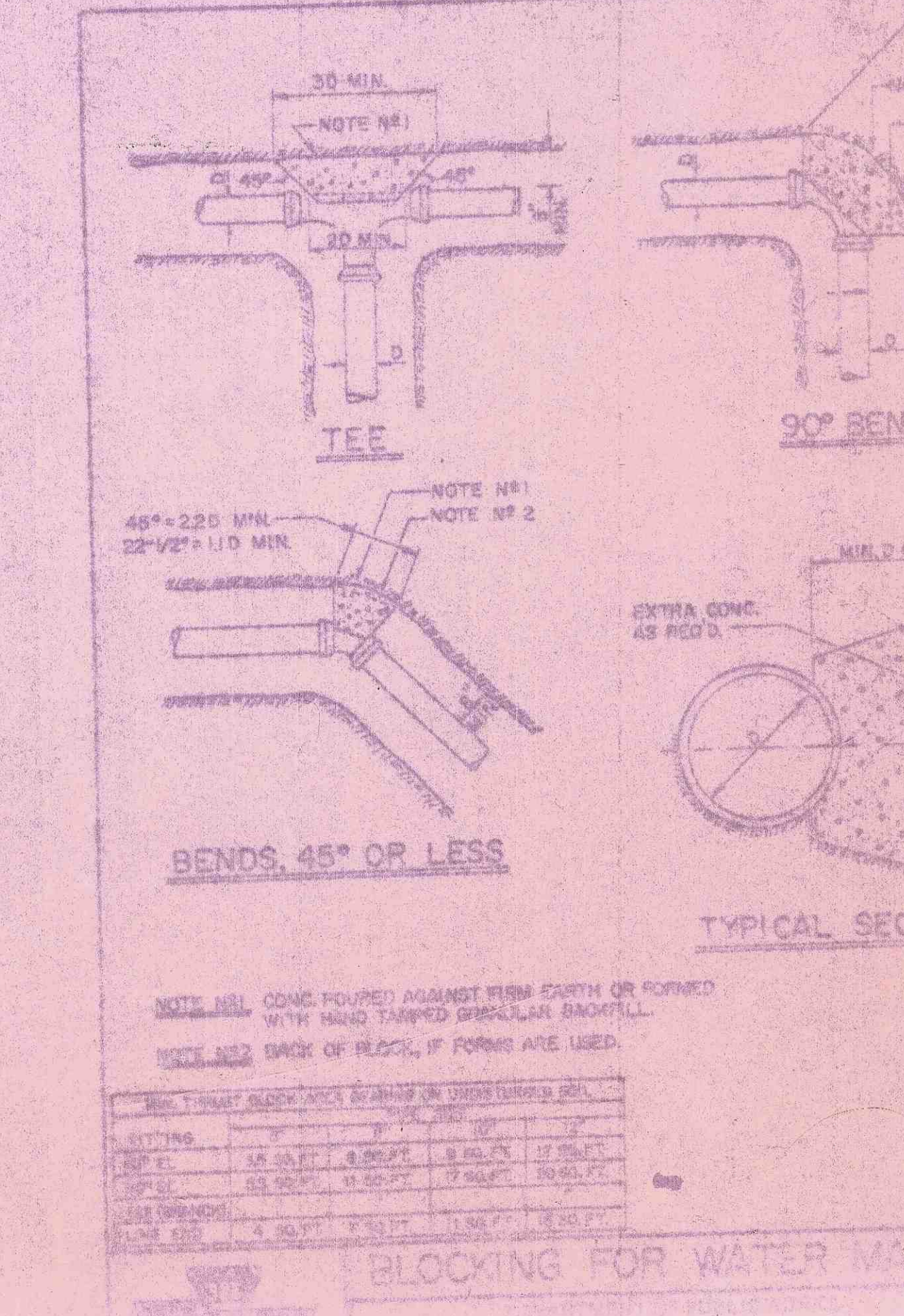
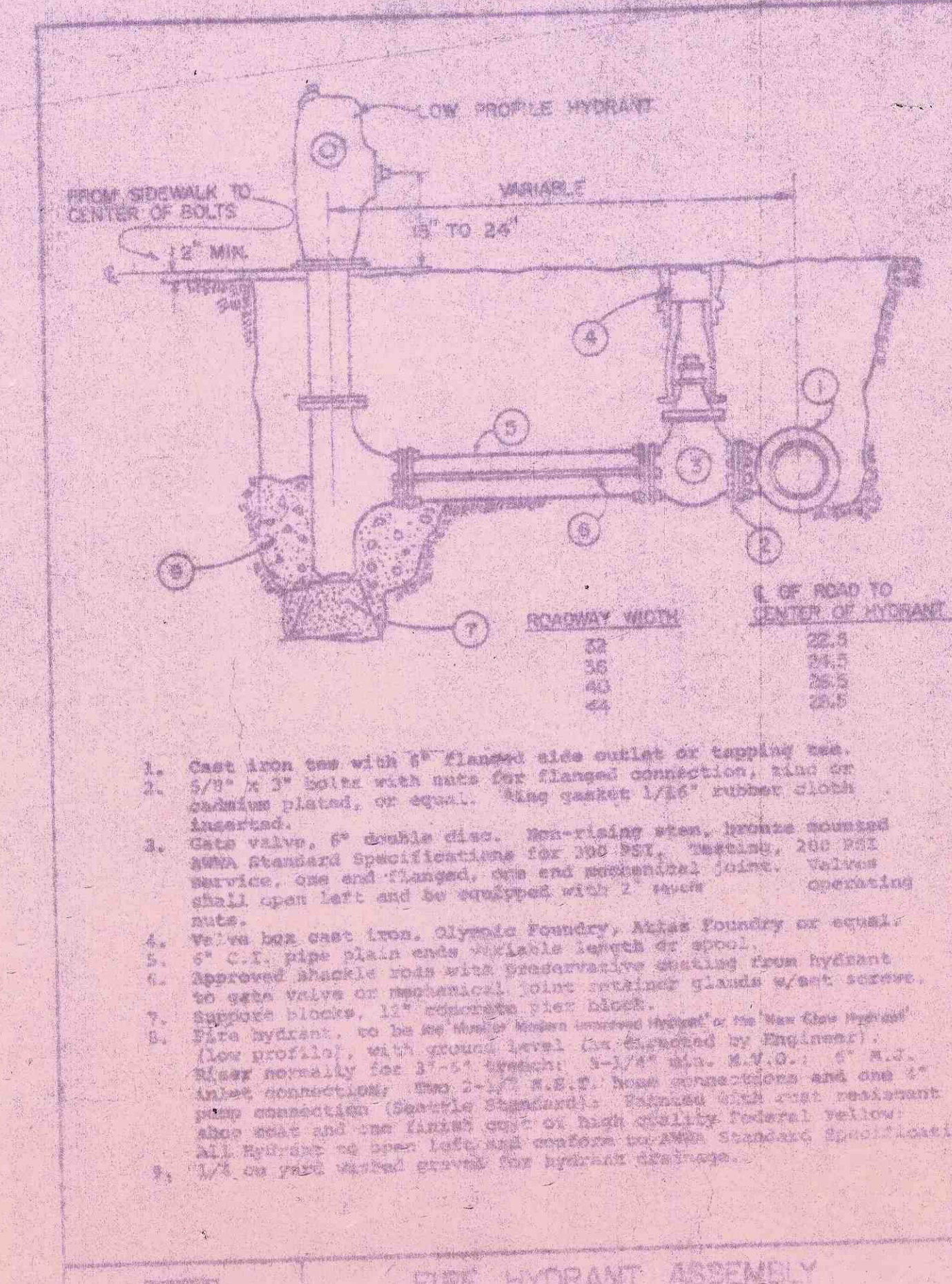
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SCALE: 1"=20'



1. Installation
    - A. Lay pipe with 36" of cover.
    - B. Place powdered chlorine in each length and in each valve.
  2. 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 622-9727.
  3. 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.
- NOTE: THE NEW MAIN SHALL NOT BE TAPPED FOR SERVICE UNTIL THE MAIN HAS PASSED THE PRESSURE TEST. THE ONLY EXCEPTION WOULD BE TO ESTABLISH A TEST SITE OR AT AIR RELEASE SITE.
- CHLORINATED WATER USED FOR STERILIZING THE LINE WILL BE FLUSHED INTO A SANITARY SEWER. NO ON GROUND OR STORM SEWER DISPOSAL WILL BE ALLOWED.

WATER MAIN	
INSTALLATION - STERILIZATION - TESTING	4-9-8
DEPARTMENT OF PUBLIC WORKS	8-20
5400 1 <sup>st</sup> Ave. Mountlake Terrace, WA 98093	



BLOCKING FOR WATER MAINS	
SEE TYPICAL BLOCKING DRAWING ON OVERSHEET FOR	
SITING	15' MIN. TO 20' MAX.
PIPE	15' MIN. TO 20' MAX.
VALVE	15' MIN. TO 20' MAX.
HYDRANT	15' MIN. TO 20' MAX.

FIRE HYDRANT ASSEMBLY	
1-1/2"	