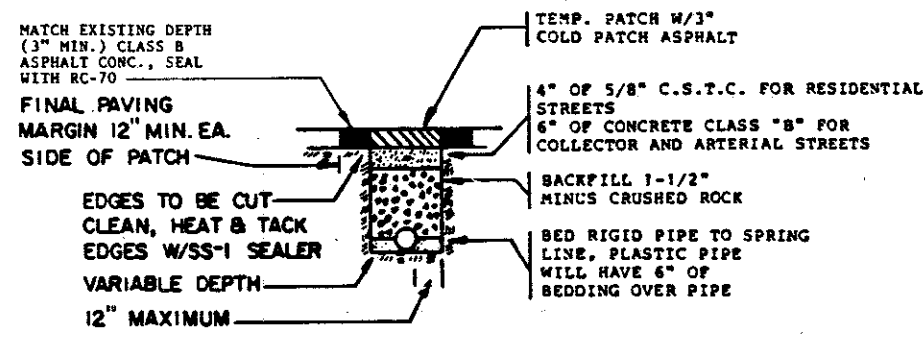


CLEAN-OUT TYPICAL

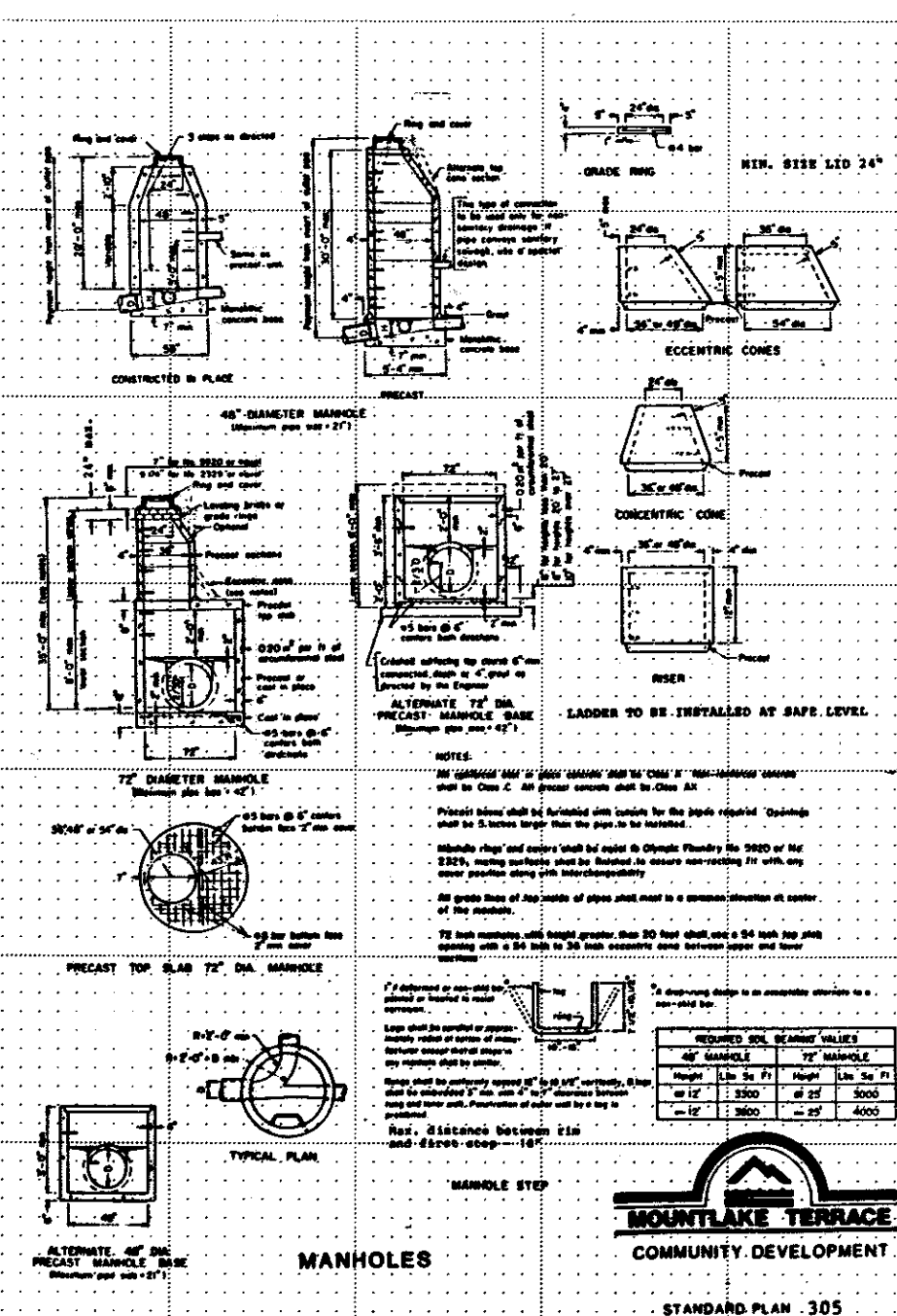


2. TYPICAL ROADWAY CUT SECTION

TYPICAL ROAD DETAILS



STANDARD PLAN 107

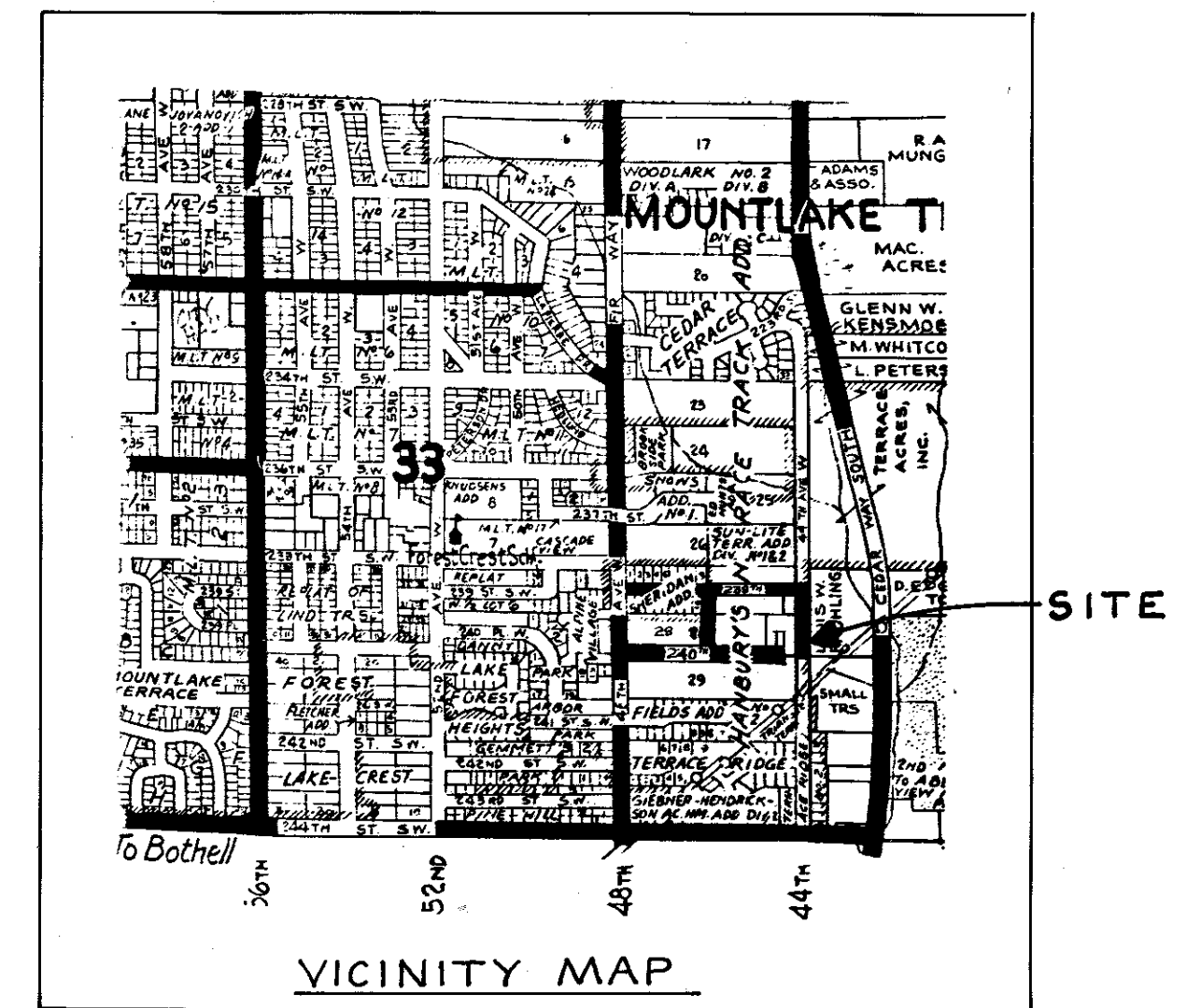


MANHOLE TYPICAL



STANDARD PLAN 305

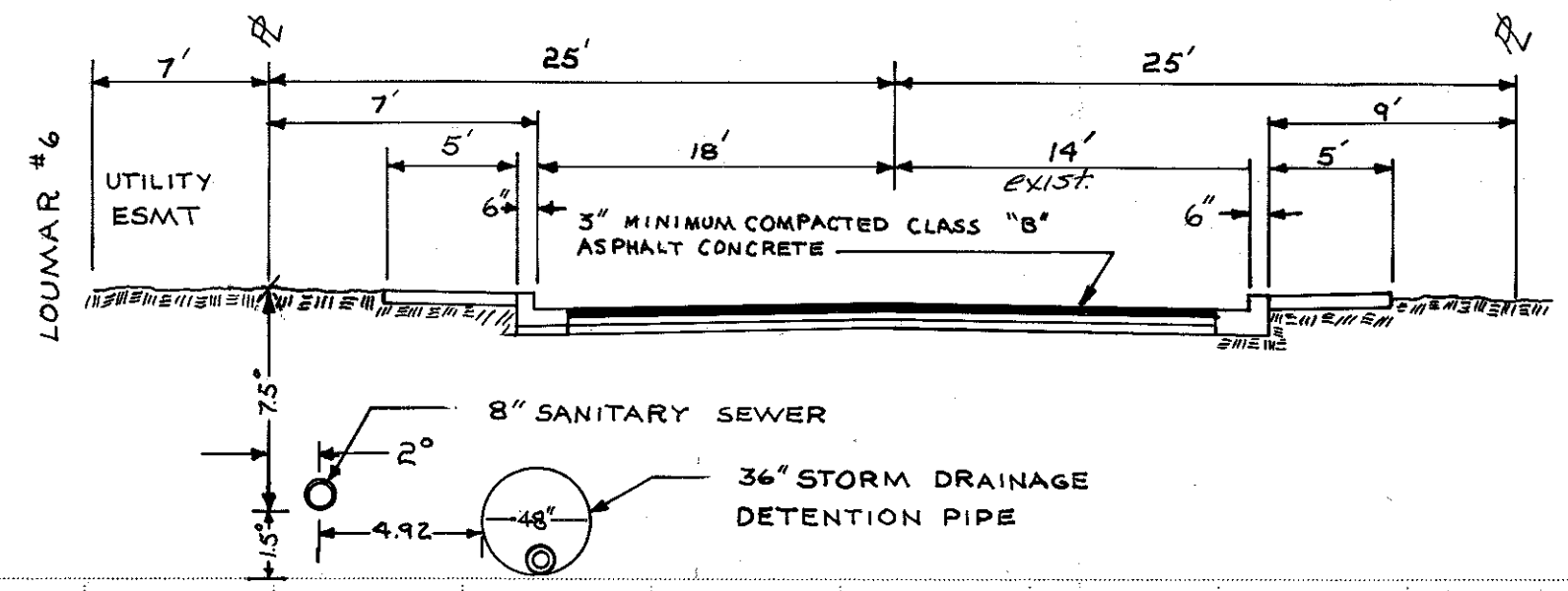
PLAN SCALE
1" = 50'
DATUM: MOUNTLAKE TERRACE SEWER



GENERAL NOTES

- All work and materials shall be in accordance with the "Standard Specifications for Road, Bridge, and Municipal Construction," Washington State Department of Transportation and American Public Works Association, Washington State Chapter, 1988 edition. Together with the latest edition of the City of Mountlake Terrace Engineering Standards.
- An approved copy of these plans must be on site whenever construction is in progress.
- It shall be the sole responsibility of the contractor to obtain street use and any other related permits prior to any construction activity in City right-of-way.
- Prior to any construction activity, the City of Mountlake Terrace Engineering Department (776-1161) must be contacted for a preconstruction meeting.
- All locations of existing utilities shown hereon have been established by field survey or obtained from available records and should therefore be considered approximate only and not necessarily complete. It is the sole responsibility of the contractor to independently verify the accuracy of all utility locations shown, and to further discover and avoid any other utilities not shown hereon which may be affected by the implementation of this plan. The contractor shall contact the utility underground location service (1-800-424-5555) prior to construction. The owner or his representative shall be immediately contacted if a utility conflict arises.
- The sanitary sewer system shall be constructed according to the approved plans which are on file in the City of Mountlake Terrace Engineering Department. Any deviation from the approved plans will require written approval from the proper agency.
- All new sanitary sewer lines shall be sealed off at the existing trunk connection point until all upstream construction is completed, cleaned, tested, lapped, and accepted by the City of Mountlake Terrace. All construction debris and water shall be removed from pipe prior to opening seal.
- Manholes and Lids:
 - All manholes shall be Mountlake Terrace Standard Plan No. 305 (48" I.D.) type, with eccentric cones.
 - Outside drop connections shall be constructed in conformance to Mountlake Terrace Standard Plan No. 307.
 - All manholes shall have a minimum drop of 0.10 feet between inverts.
 - All manholes not in paved areas shall have locking lids.
 - It shall be the responsibility of the contractor to adjust all manhole tops to match final asphalt elevations and ground elevations in landscaped areas.
- Sewer Pipe, Bedding, and Trench Compaction:
 - All sewer pipe shall be one of the following as designated:
 - P.V.C., conforming with A.S.T.M. D-3034; SDR 35.
 - Ductile Iron, Class 50, conforming to A.W.W.A. C151.
 - Pipe may be any of the above provided:
 - Pipe joints must be of the same materials, and
 - Where a pipe material is specifically shown on the plan, that material must be used.
 - Minimum pipe cover at manholes shall be 6.0 feet and 5.0 feet between runs.
 - Pipe bedding shall be A.P.W.A. Type "P" with material conforming to Section 9-30.7A (2).
 - Trench backfill shall be compacted to minimum 95% dry optimum density per A.S.T.M. D-1557-70 (modified Proctor) prior to testing sewer lines for acceptance.
- Side Sewer Laterals:
 - Side sewers shall be 6" minimum diameter at 2.04 minimum slope.
 - Side sewers shall be tested for leakage at the same time the main line sewer is tested. If not tested together, provide test tees at sewer main connections.
 - Buildings with greater than 10 units shall be serviced by one of the following methods:
 - Double 6" diameter services connected to trunk by standard tees or into manholes.
 - Single 8" diameter service with cleanout; connected to trunk into manholes only. (Alternate connection methods are depicted on Plans.)
 - All lateral connections to sewer mains shall be made with a wye or sweeping tee.
- Construction of dewatering (groundwater) system shall be in accordance with the A.P.W.A. Standard Specifications, Section 61-3.00, 1981 Edition.
- Whenever sewers must cross under water main the sewer shall be laid at such an elevation that the top of the sewer line is at least 36 inches below the bottom of the water main.
- Buildings shall not be permitted within 10 feet, or carports within 5 feet, of the spring line of any sanitary sewer pipe.
- Prior to occupancy, the developer shall grant 10' wide sanitary sewer easements to the City of Mountlake Terrace.
- Cleanouts shall be provided at the right-of-way line for laterals entering the public right-of-way.

TYPICAL ROADWAY SECTION



PROFILE OF:
44TH W.
HORIZON. SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

AS BUILT

INSTALLATION

- 430 LF. 8" SANITARY SEWER PIPE (SEE ITEM 9-A)
- CONNECTION TO MH #9-14
 - STAND CLEARANCE
 - UNDER CROSSING EXIST. WATER & S.D.

IN CONFORMANCE WITH THE
CITY OF MOUNTLAKE TERRACE
STANDARDS AND ORDINANCES
BY *[Signature]* DATE 12/1/88

SEWERAGE UNIT 9-1D

SANITARY SEWER PLAN
FOR
LOUMAR HEIGHTS

LEGAL DESCRIPTION
PORTION LOT 28 HANBURY'S NORTH
RACE TRACK ADD. ALSO LOT 9 AND A
PORTION OF LOT 10 CEDAR CK. DIV #1
NE 1/4, SE 1/4, SEC. 33, T. 27N, R. 4E, W.M.
MOUNTLAKE TERRACE WASHINGTON

OWNER
MARTHA L. FRUHLING
4408 238TH PL. SW.
MOUNTLAKE TERRACE WA 98043 776-9870
Job No. 88-016 F.B. L-40 P. PP 51-52

[Signature]
12/1/88
169-89-2

Sheet
2
4

Scan Name: scans03884.pdf
Scan Date:

No.	Revisions	Date	By
1	NOTATIONS	12/1/88	MBM
	Designed DRS		
	Drawn DRS		
	Checked MBM		

Approved
Scale 1" = 50' Date 11-30-88
CITY OF MOUNTLAKE TERRACE
Datum

(206) 778-3101
23423 Highway 99
Edmonds, WA 98020
[Signature]
MEYRING &
ASSOCIATES, INC.

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Lynnwood, WA 98046