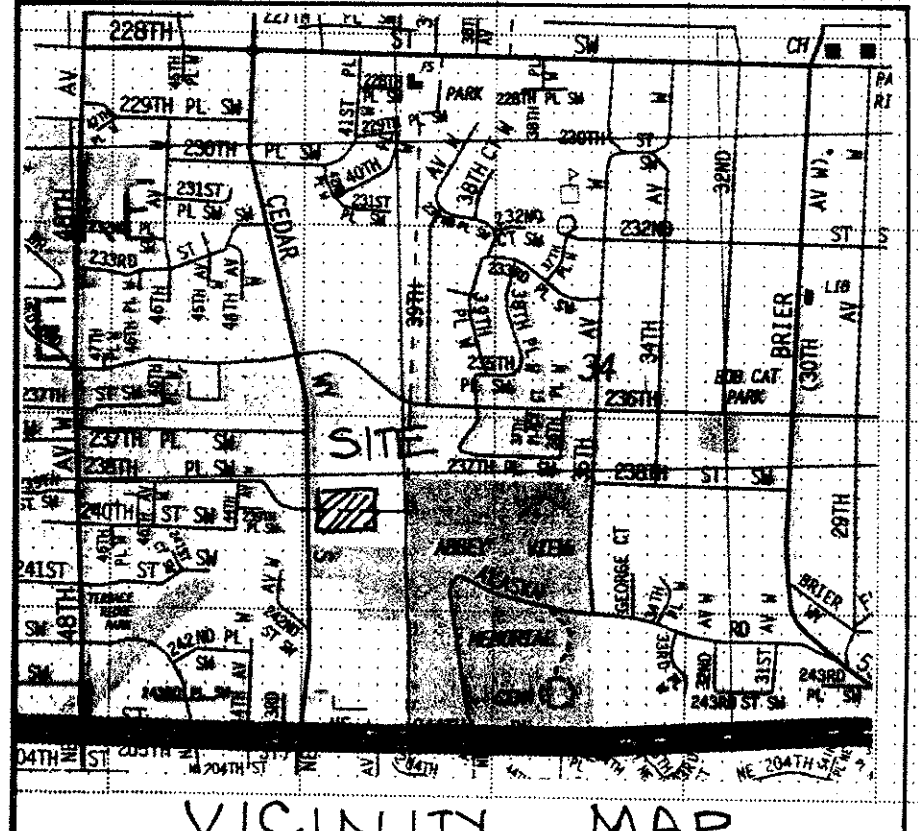
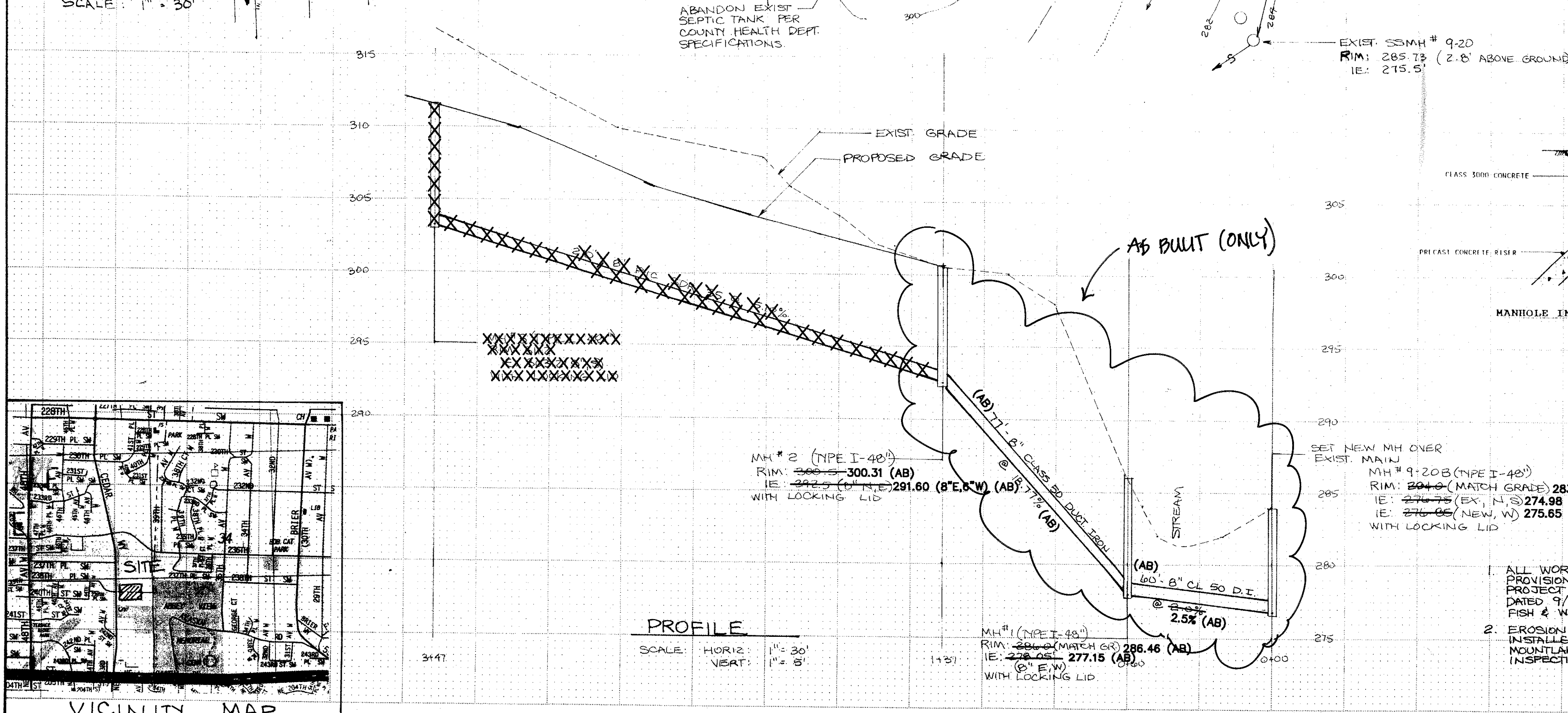
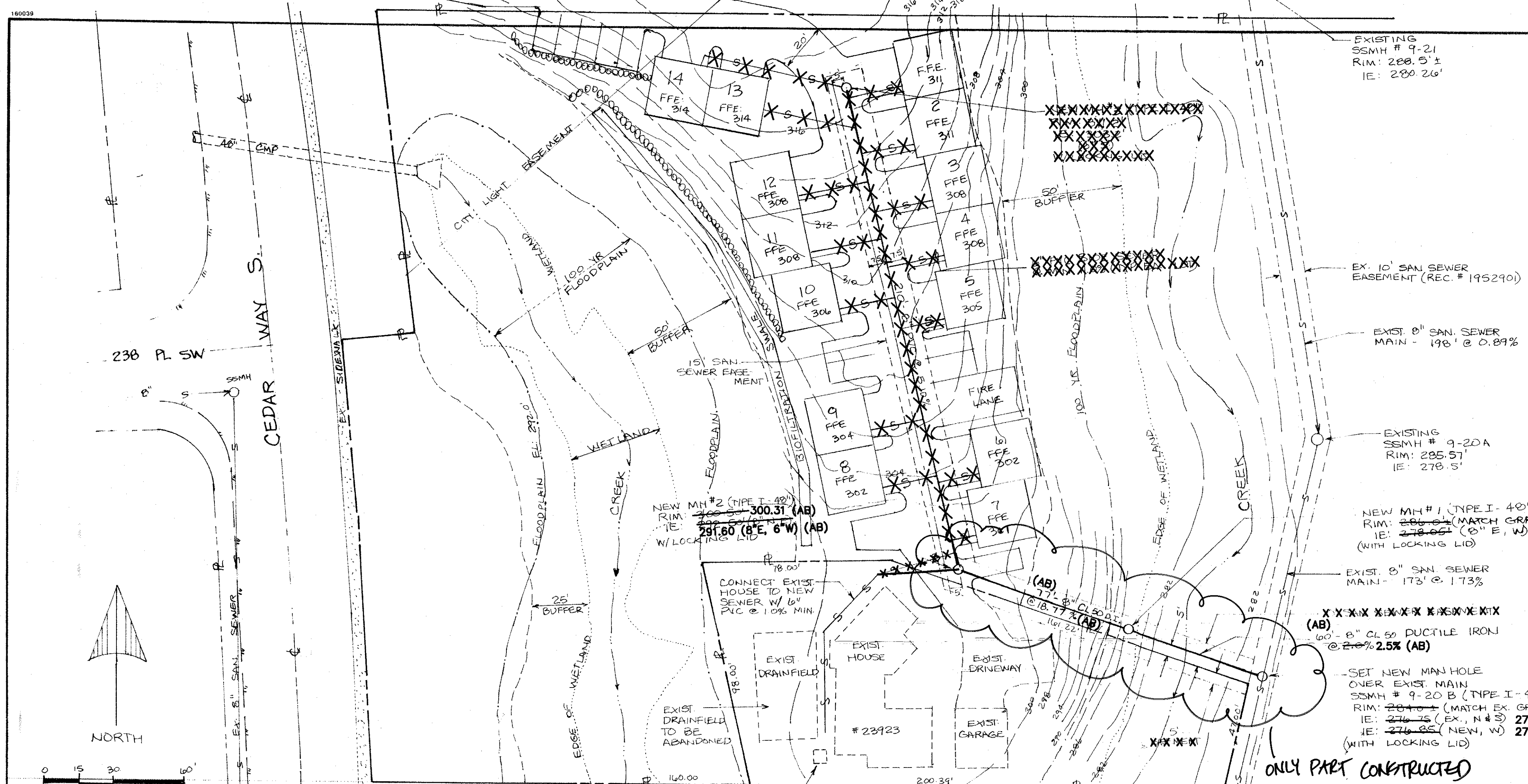


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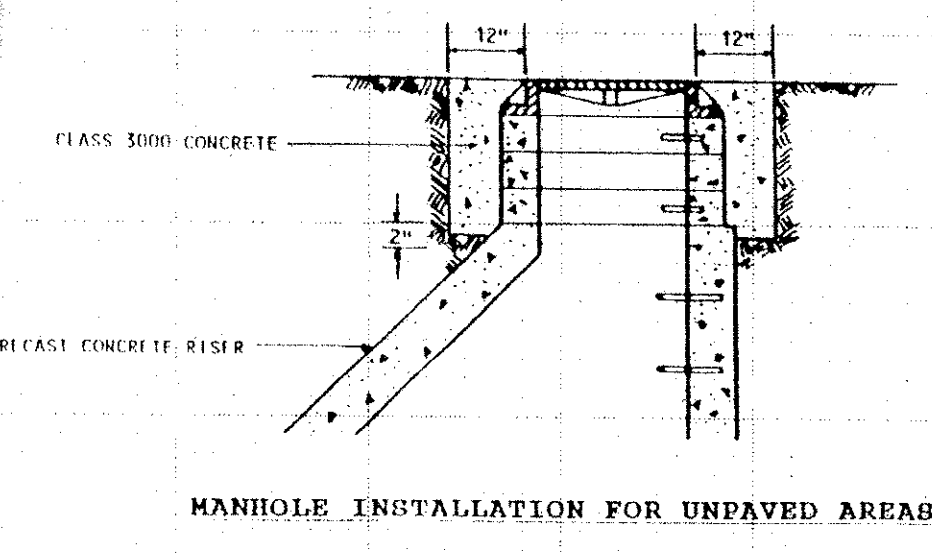
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SW 1/4, SECT. 34, TWP. 27 N., RGE. 4 E., W.M.

SANITARY 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, current 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 herein 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 herein which may be affected by the implementation of this plan. The contractor shall contact the utilities underground location service (1 800 424 5555) prior to construction. The owner or his representative shall be immediately contacted if a utility conflict exists.
- 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. At the end of the project and prior to acceptance, all sanitary sewer lines shall be inspected by TV viewing, recorded on VHS video tape, and submitted to the City as a permanent record.
- Manhole and Lids:
 - All manholes shall be Mountlake Terrace Standard Plan No. 305 (typ.) type, with eccentric cone.
 - Outside drop connections shall be constructed in conformance to Mountlake Terrace Standard Plan No. 308.
 - 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:
 - P.V.C. conforming with A.S.T.M. D-3034, SDR 35.
 - Ductile Iron, Class 50, conforming to A.W.W.A. C-15.1.
 - Pipe may be any of the above provided:
 - Adjoining pipe lengths must be of the same materials and be provided with rubber gasket joints.
 - Where a pipe material is specifically shown on the plan, that material must be used.
- Pipe bedding shall conform to Section 7-17.3(11B), Standard Specifications. Bedding material shall conform to Section 9-03.15.
- 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 with 1.0% 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 connections.
 - Buildings with greater than 10 units shall be serviced by one of the following methods:
 - Single 8" diameter service with cleanout connected to trunk into manholes only.
 - Alternate connection methods in compliance with "Criteria for Sewage Design", Washington State Department of Ecology.
 - All lateral connections to sewer mains shall be made with a wye or sweeping tee. Where no tee, wye, or riser is available, use an approved saddle for sewer connection.
 - Cleanouts must be provided at the right-of-way line for laterals extending from City owned mains. All cleanouts must be brought to the surface in accordance with Standard Plan #303.
- Construction of dewatering systems shall be in accordance with the Standard Specifications Section 7-17.3(11A).
- Whenever sewers must cross under water main the sewer shall be laid as specified in "Criteria for Sewage Design", Washington State Department of Ecology.
- Buildings shall not be permitted within 10 feet, or carports within 5 feet, of the spring line of any sanitary sewer main. Side sewers 6" diameter or less may be located within 30" of a structure provided that the soil support prism is not disturbed for the adjacent foundation.
- Prior to occupancy, the developer shall grant necessary sanitary sewer easements to the City of Mountlake Terrace. The width shall equal the nominal depth to the invert, but shall not be less than 10'.
- As a built sanitary sewer drawing shall be submitted for all developments, short-plats and subdivisions.
- All sewers shall be designed and constructed to give mean velocities, when flowing full, of not less than 2 feet per second.
- Sand collars or other City approved couplings are required on all PVC pipe connections to concrete manholes.

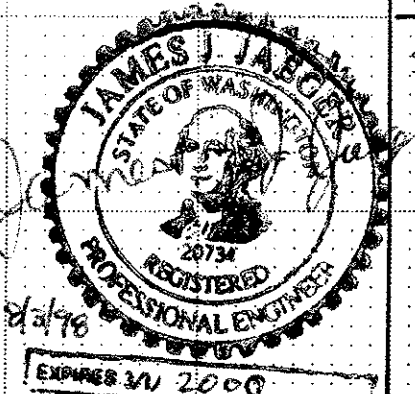


MANHOLE INSTALLATION FOR UNPAVED AREAS

NOTE:

- ALL WORK SHALL COMPLY WITH THE PROVISIONS OUTLINED IN THE "HYDRAULIC PROJECT APPROVAL (HPA) - LOG # 00-D-970-01, DATED 9/24/98, BY THE STATE DEPT. OF FISH & WILDLIFE.
- EROSION CONTROL MEASURES MUST BE INSTALLED TO THE SATISFACTION OF MOUNTLAKE TERRACE CONSTRUCTION INSPECTION.

AS-BUILTS
GROUP FOUR, Inc.
16030 JUANITA-WOODVILLE WAY NE
BOTHELL, WASHINGTON 98011
(425) 775-4581 • (206) 382-4244 • FAX (206) 382-3819
SURVEYING ENGINEERING PLANNING MANAGEMENT



REVISIONS	DATE	BY	REASON
1. PER CITY REVIEW	12/2/98	BJD	
2. AS-BUILT BY G4	8/28/01	CJR	

ENGINEER	JAEGER ENGINEERING
	9419 South 204th Place
	Kent, WA. 98031
	Phone No. (253) 850-0934
	Fax No. (253) 850-0155

APPLICANT & OWNER	BROOK GLEN P.O.D. UNIT CONDOMINIUM
	23923 CEDAR WAY
	23923

DATE:	7/31/98
SCALE:	1" = 30'
DRAWN:	J.J.J.
DESIGN:	J.J.J.
SURVEY:	ABA & J.S.
JOB:	
SHEET	1
OF	1

244-98-1

GROUP FOUR PROJECT NO: 99-5007

K&S HERCULENE CRYSTALINE II

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