

PLAT OF WILDFLOWER PARK

CITY OF MILL CREEK

SNOHOMISH CO., WASHINGTON

GENERAL NOTES

1. All work and materials shall be in accordance with the latest edition of the City of Mill Creek Standards and Specifications.
2. Prior to any construction activity, the contractor shall schedule and attend a pre-construction conference with the City of Mill Creek Construction Inspection personnel by phoning 745-6175.
3. A copy of these approved plans must be on the job site whenever construction is in progress.
4. All site work improvements shall be constructed in accordance with these approved plans. Any deviation from these plans will require prior approval from the owner, engineer and appropriate public agencies.
5. It shall be the sole responsibility of the contractor to obtain street use and any other related permits prior to any construction activity.
6. 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 Underground Utilities Location Service (1-800-424-5555) at least 48 hours prior to construction. The owner or his representative and the engineer shall be contacted immediately if conflicts exist.
7. Locations of roadways, buildings and parking areas shown hereon are approximate. For dimensioned locations of these improvements, refer to the architectural site plan. Improvement and structure locations shall be field set by the engineer as required.
8. The facilities shown on the approved Erosion/Sedimentation Control Plans shall be constructed/implemented prior to any extensive grading or land clearing in accordance with that plan. These facilities must be satisfactorily maintained until construction and landscaping is completed and the potential for onsite erosion has passed.

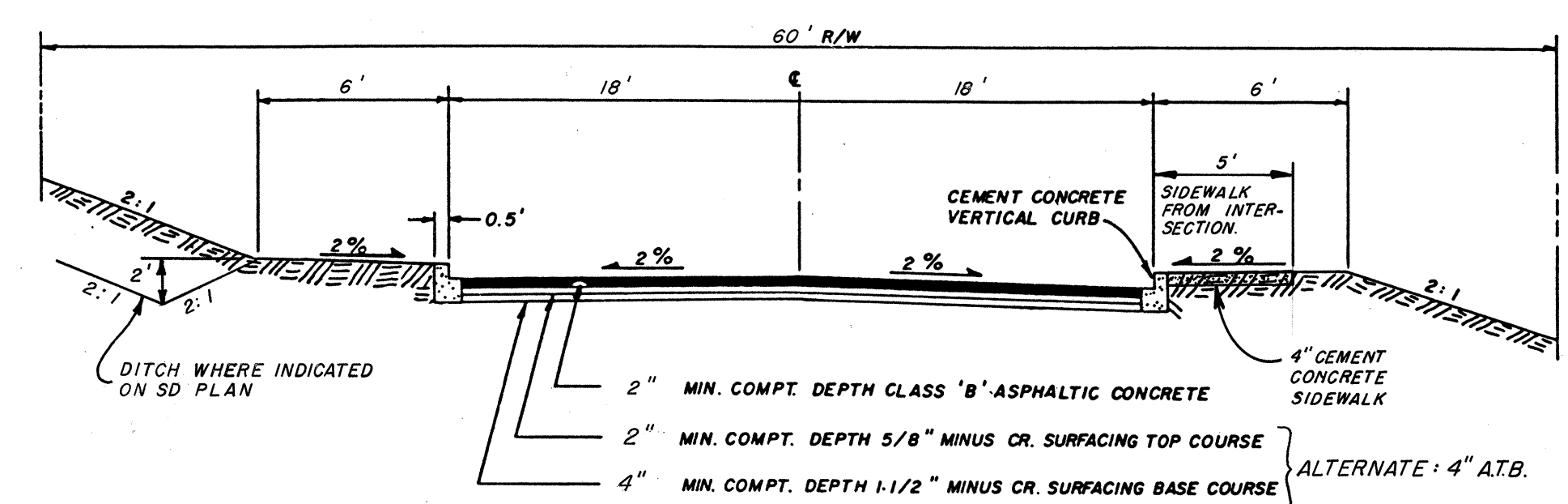
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4. GRADING PLAN
5. STORM DRAINAGE PLAN
6. ROAD AND STORM DRAINAGE PROFILE
7. STORM DRAINAGE DETAILS
8. STORM DRAINAGE DETAILS

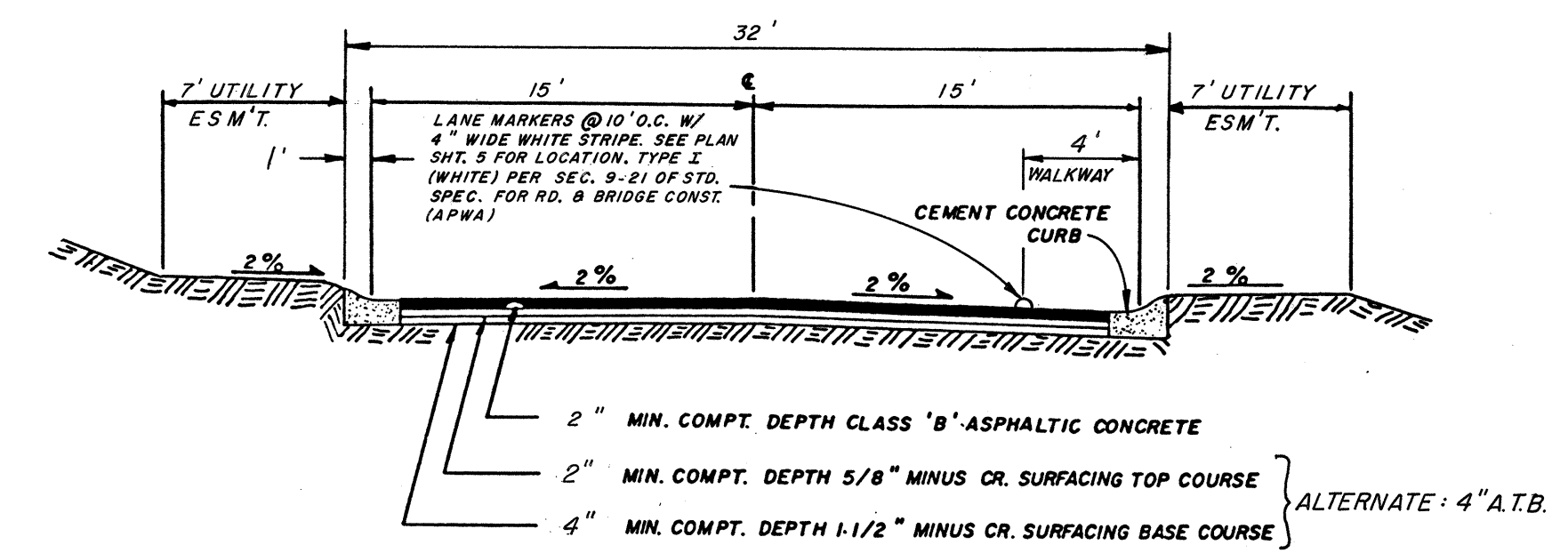
LEGAL DESCRIPTION

All that certain real property situate in the City of Mill Creek, County of Snohomish, State of Washington, being a portion of the S.W. 1/4 of the S.W. 1/4 of Section 5, T.27N., R.5E., W.M. and being more particularly described as follows:

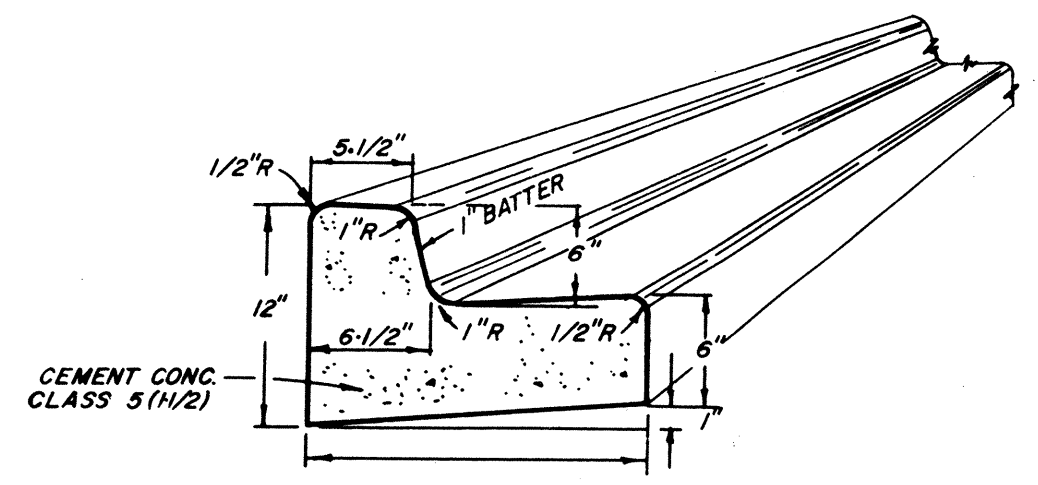
Parcel D-1 of the Large Tract Segregation LTS-21 (6-31) recorded in Volume 15 of Surveys on Page 56, records of Snohomish County, Washington.



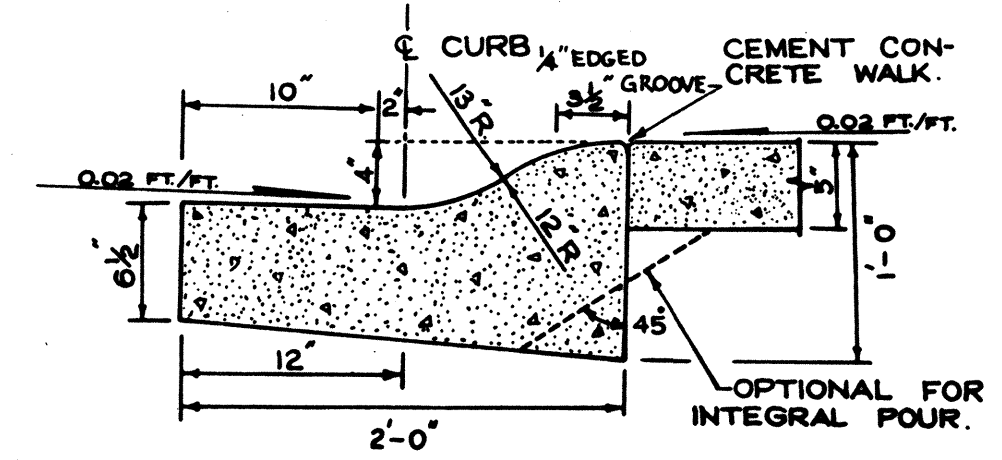
SEATTLE HILL ROAD
TYPICAL ROAD SECTION
NO SCALE



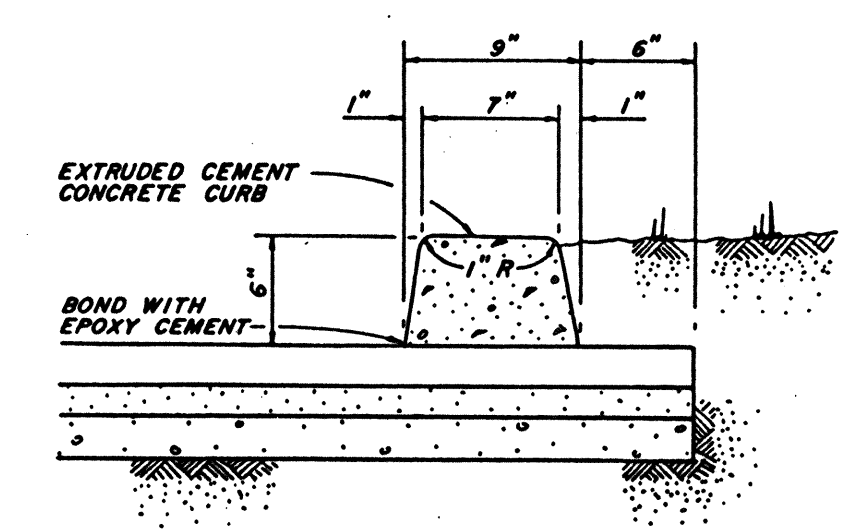
INTERIOR PLAT ROADWAY
TYPICAL ROAD SECTION
NO SCALE



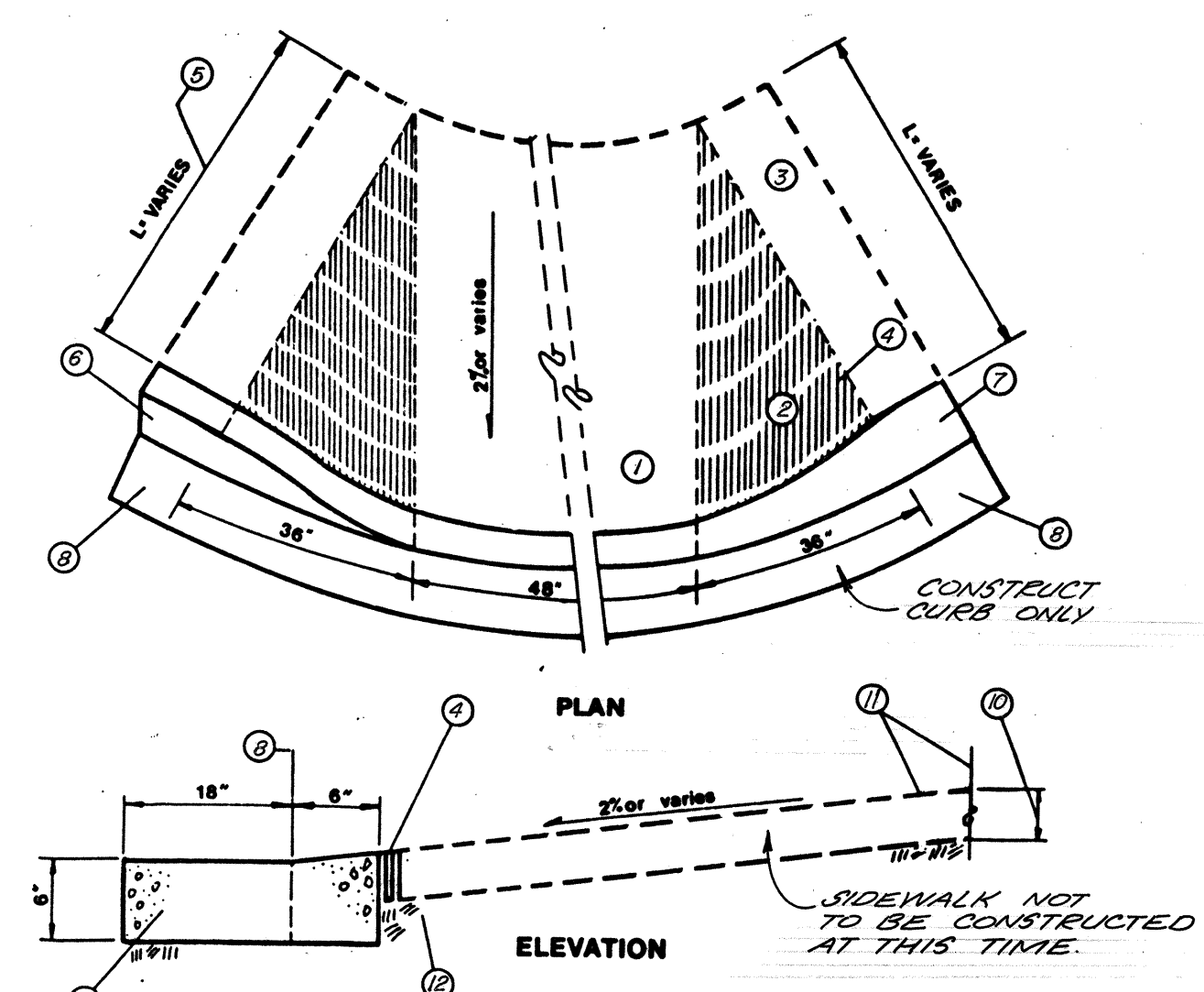
TYPICAL SECTION FOR CURB & GUTTER TYPE A
NO SCALE



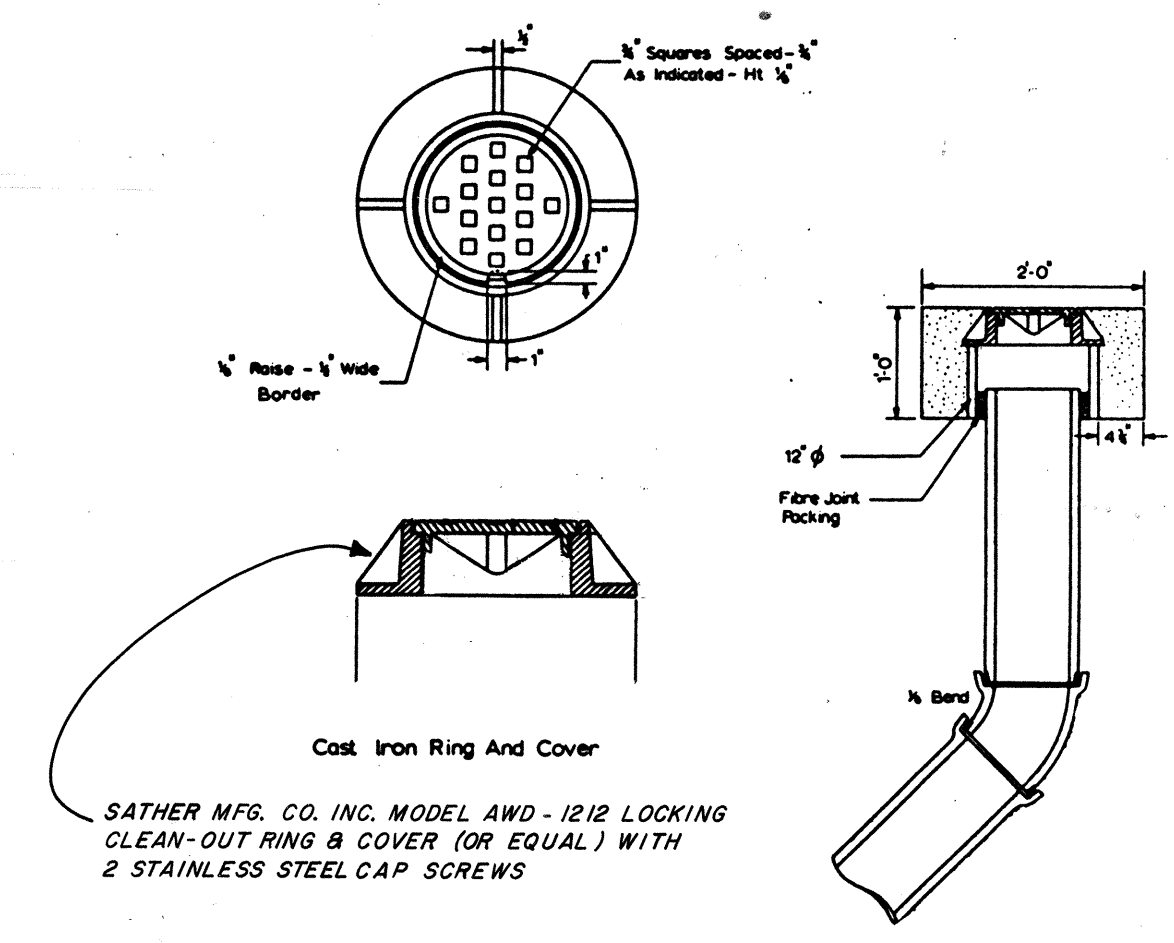
CEMENT CONCRETE ROLLED CURB.



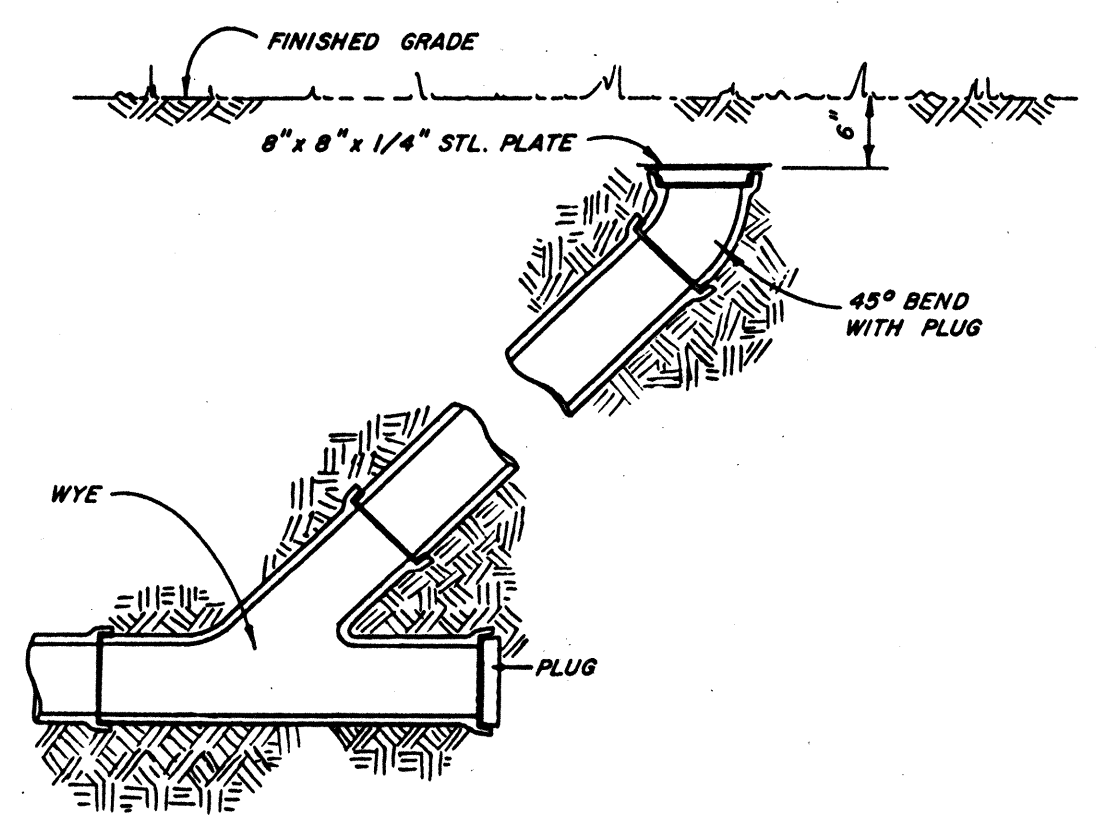
EXTRUDED CURB DETAIL
NO SCALE



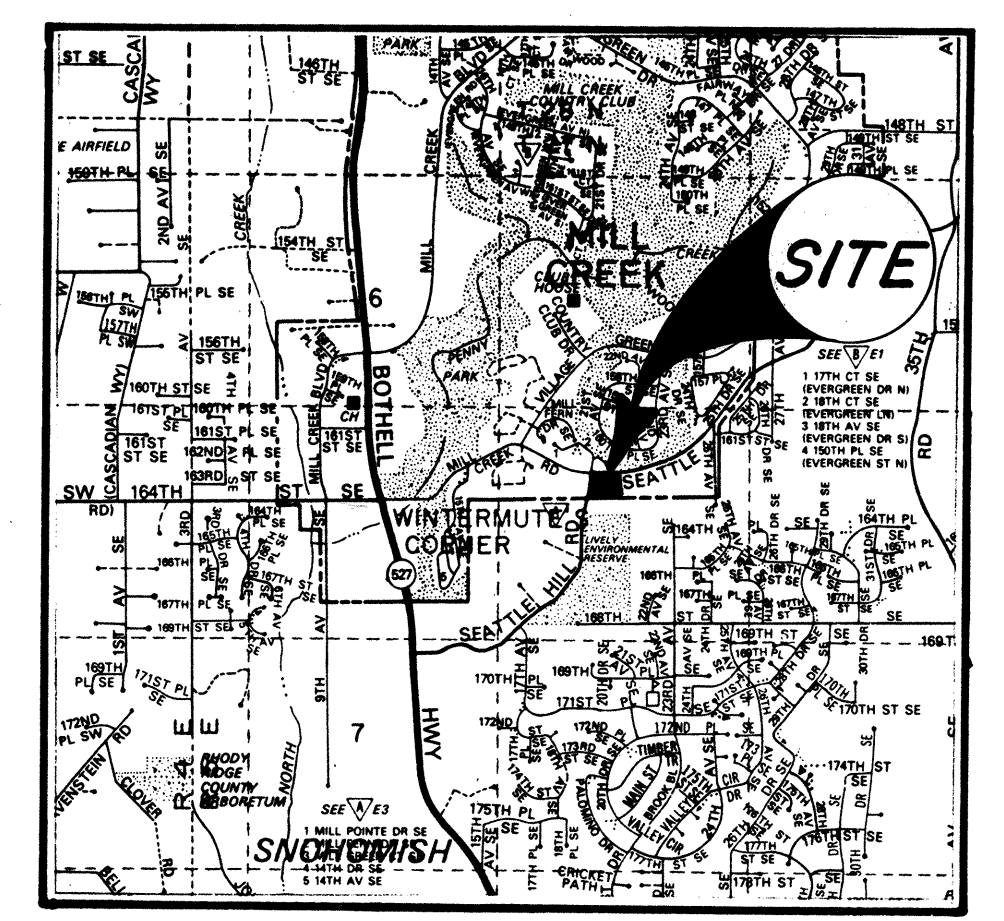
1. 12"x12" GRATE IMPRINTS 1/8" DEEP
2. TRANSITION STIFF BRUSH FINISH
3. SIDEWALK
4. STANDARD EXPANSION JOINT
5. LENGTH OF RAMP SAME AS WIDTH OF SIDEWALK
6. TYPE "A" CURB
7. ROLLED CURB
8. GUTTER
9. DEPRESSION CURB
10. RAMP THICKNESS 4" FOR VERTICAL CURB, 6" FOR ROLLED CURB
11. LENGTH AND SLOPE VARIES
12. COMPACTED SUBGRADE



ALTERNATE CLEANOUT DETAIL



DETAIL - CLEANOUT



VICINITY MAP
NO SCALE

OWNER / DEVELOPER

Northward Properties
1115 108th Avenue N.E.
Bellevue, Washington 98004

ENGINEER

Dodds Engineers, Inc.
4205 148th Avenue N.E., Suite 200
Bellevue, Washington 98007

ARCHITECT

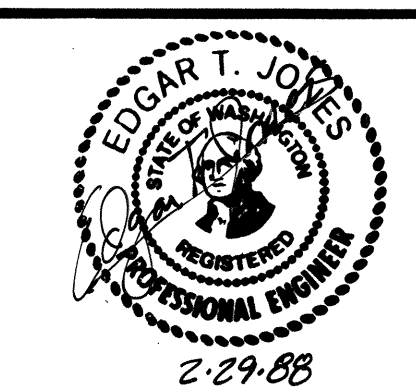
John Lane Associates
1010 Turner Way East
Seattle, Washington 98112

LANDSCAPE ARCHITECT

Thomas L. Berger Associates P.S.
2012 Minor Way East
Seattle, Washington 98102

SITE STATISTICS

SITE AREA 12.3 Acres
NO. OF LOTS 57



REV	DATE	DESCRIPTION	BY
1	5-6-88	NORTHWARD PROPERTIES 1115 - 108th AVE. N.E. BELLEVUE, WASHINGTON 98004	
2	5-6-88	WILDFLOWER PARK	
3	5-6-88	TITLE SHEET, DETAILS & GENERAL NOTES	
4	5-6-88	DODDS ENGINEERS, INC. 4205-148th AVENUE NORTHEAST BELLEVUE, WASHINGTON 98007	
5	5-6-88	OWN LGW BOOK PROJ. NO. SVD DATE 2-26-88 87101	
6	5-6-88	APP'D EDGAR T. JONES, P.E. SHT 1 OF 8	

APPROVED: *H. Allan Newhill* 5-6-88
CITY ENGINEER, MILL CREEK DATE

CONSTRUCTION SEQUENCE

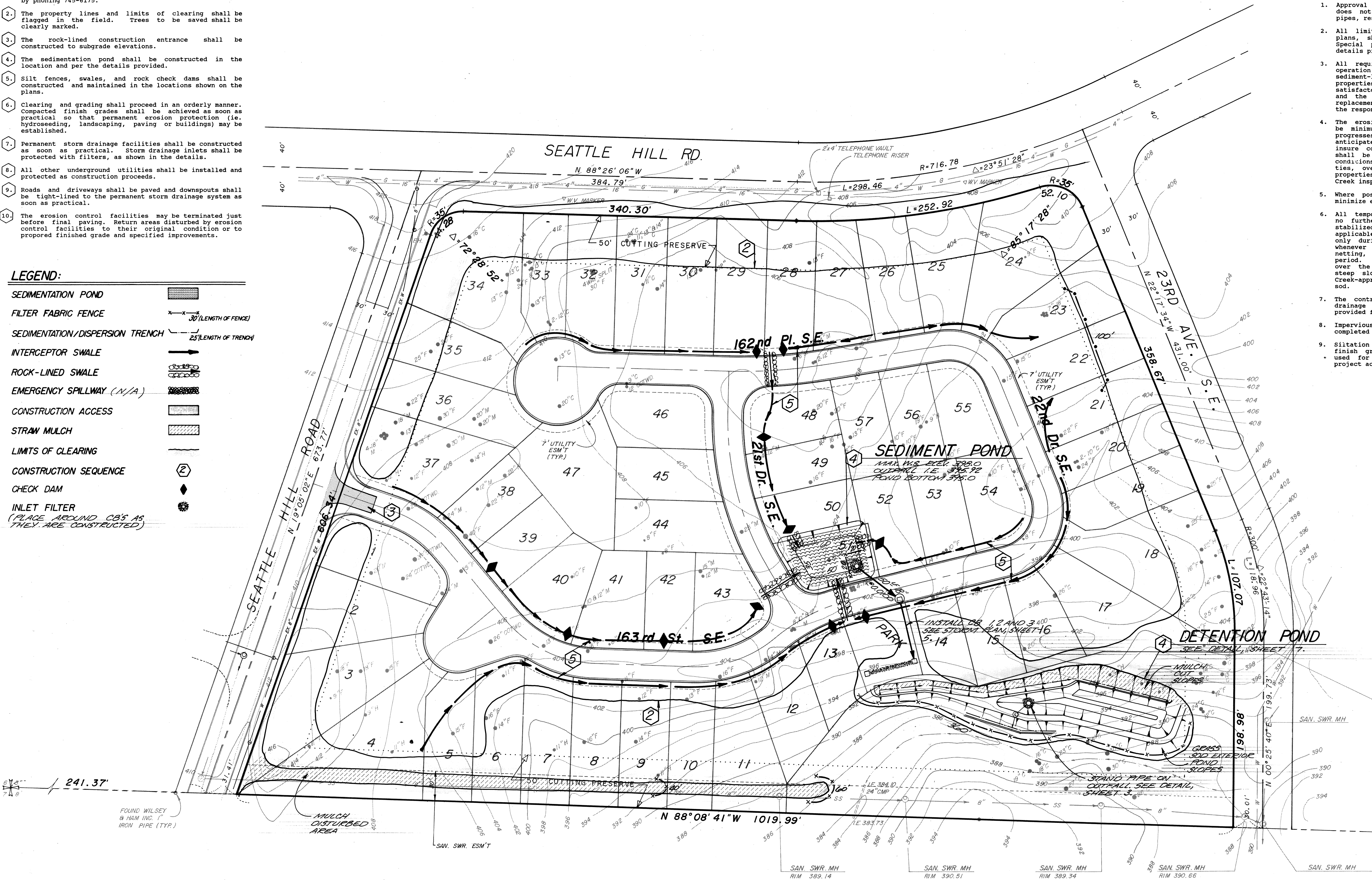
1. Prior to any construction activity, the contractor shall schedule and attend a pre-construction conference with the City of Mill Creek Construction Inspection personnel by phoning 745-6175.
2. The property lines and limits of clearing shall be flagged in the field. Trees to be saved shall be clearly marked.
3. The rock-lined construction entrance shall be constructed to subgrade elevations.
4. The sedimentation pond shall be constructed in the location and per the details provided.
5. Silt fences, swales, and rock check dams shall be constructed and maintained in the locations shown on the plans.
6. Clearing and grading shall proceed in an orderly manner. Compacted finish grades shall be achieved as soon as practical so that permanent erosion protection (i.e. hydroseeding, landscaping, paving or buildings) may be established.
7. Permanent storm drainage facilities shall be constructed as soon as practical. Storm drainage inlets shall be protected with filters, as shown in the details.
8. All other underground utilities shall be installed and protected as construction proceeds.
9. Roads and driveways shall be paved and downspouts shall be tight-lined to the permanent storm drainage system as soon as practical.
10. The erosion control facilities may be terminated just before final paving. Return areas disturbed by erosion control facilities to their original condition or to proposed finished grade and specified improvements.

LEGEND:

- SEDIMENTATION POND
- FILTER FABRIC FENCE
- SEDIMENTATION/DISPERSION TRENCH
- INTERCEPTOR SWALE
- ROCK-LINED SWALE
- EMERGENCY SPILLWAY (N/A)
- CONSTRUCTION ACCESS
- STRAW MULCH
- LIMITS OF CLEARING
- CONSTRUCTION SEQUENCE
- CHECK DAM
- INLET FILTER
- (PLACE AROUND CB'S AS THEY ARE CONSTRUCTED)

EROSION SEDIMENTATION CONTROL PLAN GENERAL NOTES

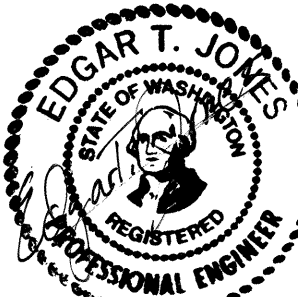
1. Approval of this plan is for the erosion/sedimentation control facilities only. It does not constitute an approval of the storm drainage design, nor size or location of pipes, restrictors, channels or detention facilities.
2. All limits of clearing and areas of vegetation preservation, as prescribed on these plans, shall be clearly flagged in the field and observed during construction. Special protective fencing may be required in certain areas. Carefully review details provided in these plans.
3. All required erosion/sedimentation control facilities must be constructed and in operation prior to any land clearing and/or other construction to insure that sediment-laden water does not enter the natural drainage system or damage downstream properties. All erosion/sedimentation control facilities shall be maintained in a satisfactory condition until such time that clearing and/or construction is completed and the potential for on-site erosion has passed. Implementation, maintenance, replacement and additions to the erosion/sedimentation control facilities shall be the responsibility of the permittee.
4. The erosion/sedimentation control facilities depicted on this drawing are intended to be minimum requirements to meet anticipated site conditions. As construction progresses and unexpected or seasonal conditions dictate, the permittee should anticipate that more erosion/sedimentation control facilities may be necessary to insure complete siltation control on the site. During the course of construction, it shall be the obligation and responsibility of the permittee to address any new conditions that may be created by his activities and to provide additional facilities, over and above minimum requirements shown, as may be needed to protect adjacent properties and the water quality of the receiving drainage system. The City of Mill Creek inspector may determine the need for and extent of any additional facilities.
5. Where possible, natural vegetation shall be maintained for silt control and to minimize erosion.
6. All temporary stockpiles and any area which has been stripped of vegetation and where no further work is anticipated for a period of 30 days or more shall be immediately stabilized with mulching, grass seeding or other approved erosion control treatment applicable to the time of year in question. Grass seeding alone will be acceptable only during the months of April through September inclusive. Seeding may proceed whenever it is in the interest of the permittee, but must be augmented with mulching, netting, or other City of Mill Creek-approved treatment outside the specified time period. Straw mulch shall consist of a minimum thickness of two inches spread evenly over the surface to be protected. Netting may be required to hold mulch in place on steep slopes. Grass seeding shall be accomplished through the use of a City of Mill Creek-approved hydroseeder and seed mixture or through placement of an acceptable sod.
7. The contractor shall assure that no concrete or concrete by-products enter the storm drainage system or natural stream courses. A minimum 200 cu. ft. sump shall be provided for washing out concrete trucks.
8. Impervious surfaces (roofs, streets, driveways, etc.) shall be directed into the completed storm drainage system as soon as possible.
9. Siltation control areas shall be returned to original ground conditions or brought to finish grade at the project's completion. Any permanent storm drainage facilities used for erosion/sedimentation control shall be flushed and pumped clean prior to project acceptance.



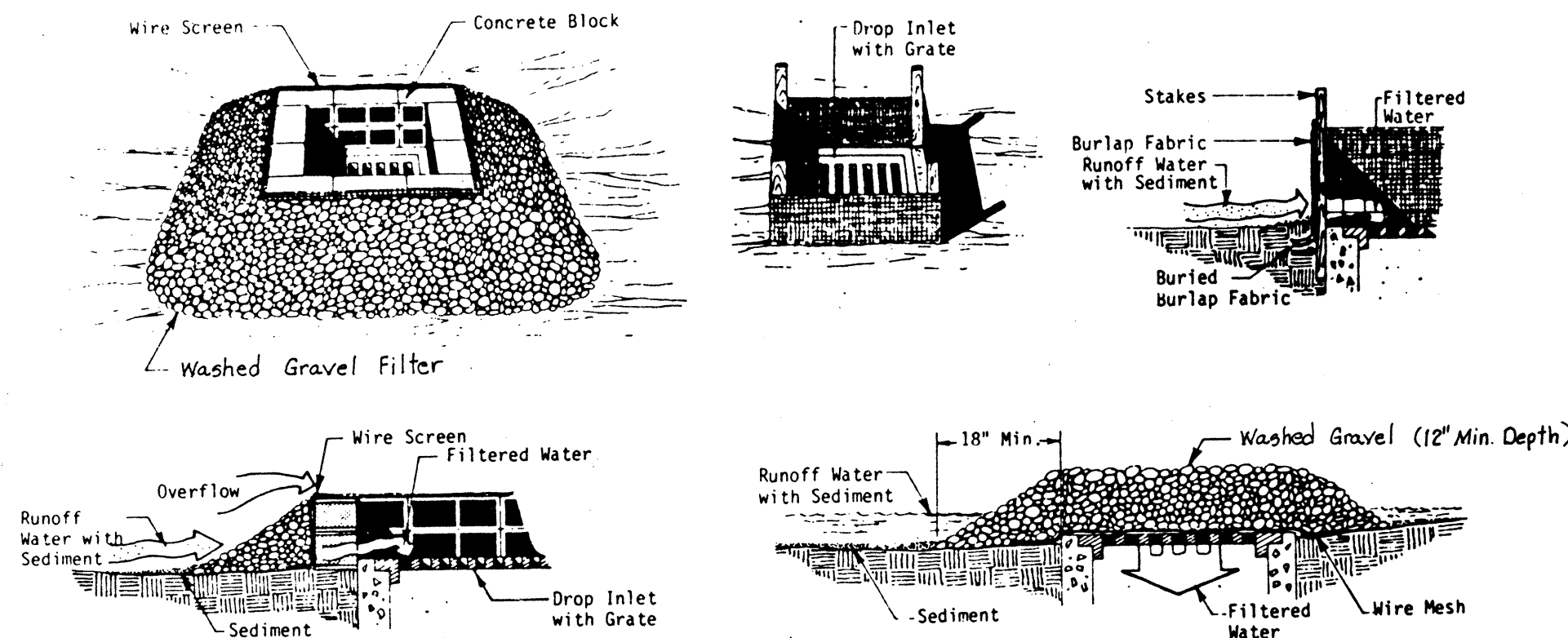
T.B.M.
WILSEY & HAM INC.
IRON PIPE (CAPPED)
ELEV. 403.57
DATUM: U.S.C. & G.S., MSL.

1" = 50'

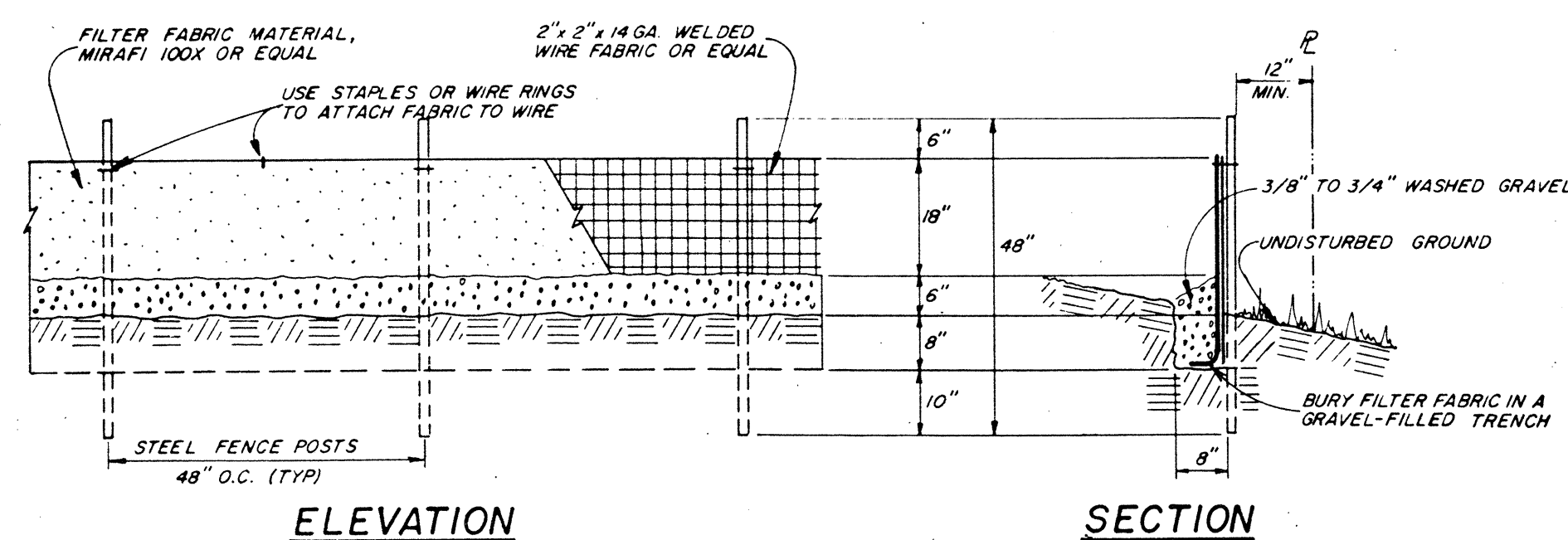
REV	DATE	DESCRIPTION	BY
1			
NORTHWARD PROPERTIES			
1115 - 108th AVE. N.E.			
BELLEVUE, WASHINGTON 98004			
WILDFLOWER PARK			
EROSION CONTROL PLAN			
(206) 454-3743 OR 885-7877			
DODDS ENGINEERS, INC.			
4205 - 148th AVENUE NORTHEAST			
BELLEVUE, WASHINGTON 98007			
OWN LGW	BOOK	PROJ. NO.	
SVD	DATE 2-26-88	87101	
APP'D	EDGAR T. JONES, P.E.	SHT	2 OF 8



APPROVED: S. Allen Newhill 5-6-88 2-29-88
CITY ENGINEER, MILL CREEK DATE

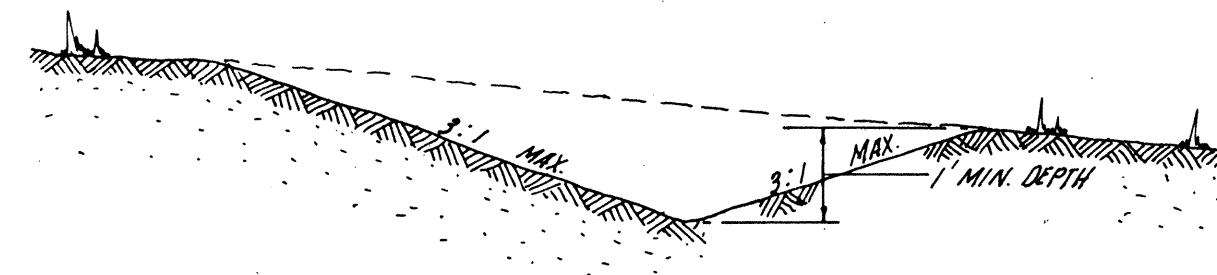


INLET SUMP / FILTER DETAIL



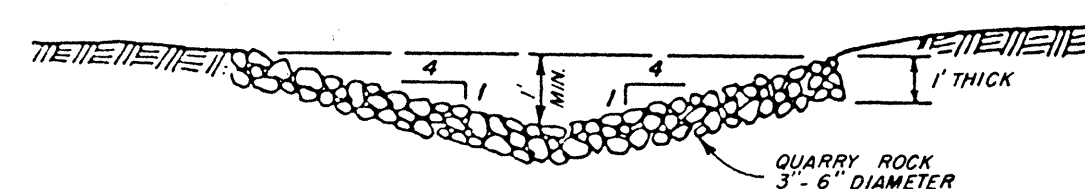
SILT FENCE DETAIL

1" = 2'

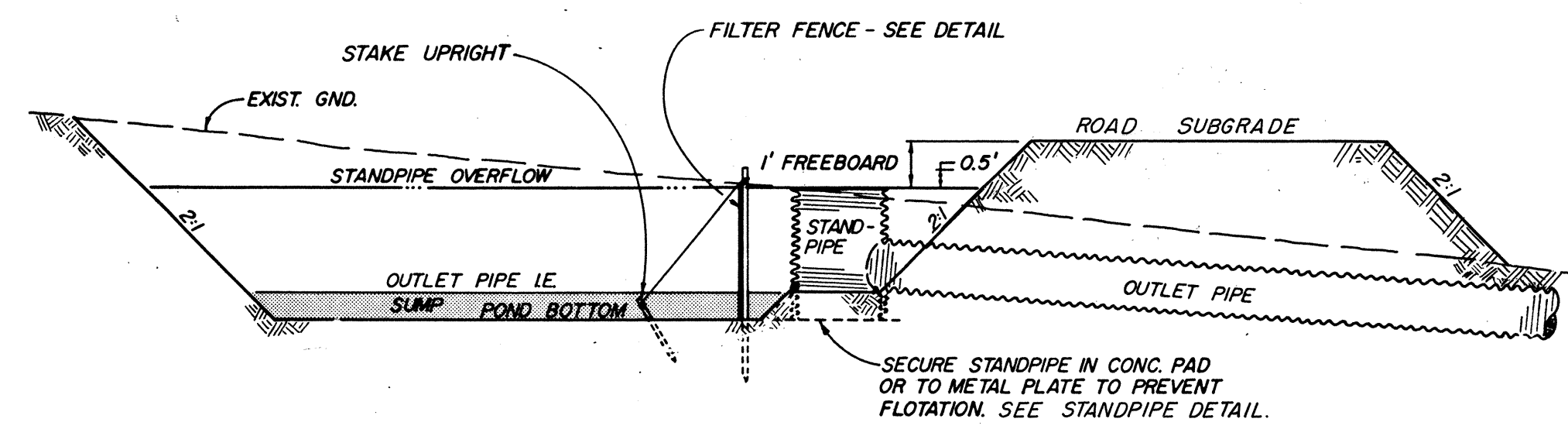


TEMPORARY INTERCEPTOR DITCH

NOT TO SCALE



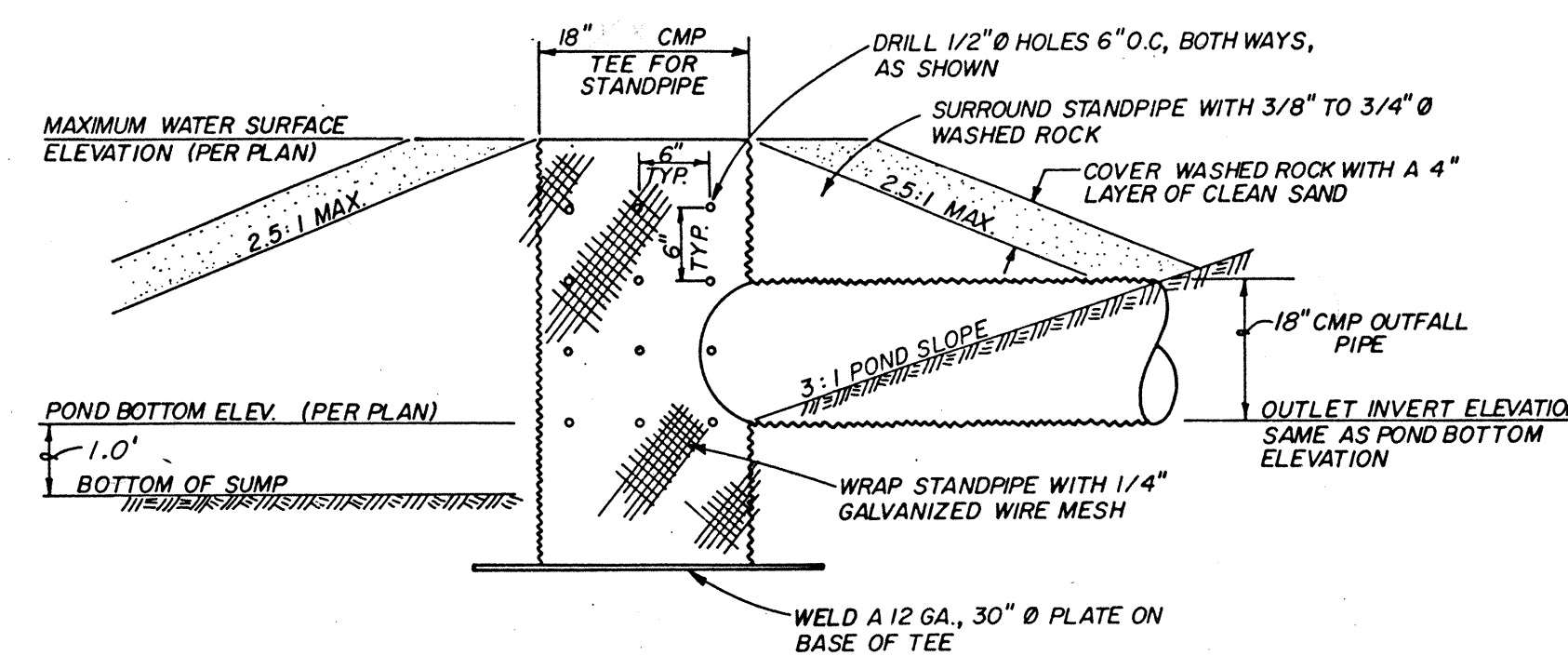
ROCK-LINED SWALE DETAIL
AT ROADWAY CROSSINGS
NO SCALE



NOTE: SEE PLAN FOR POND DIMENSIONS & ELEVATIONS.

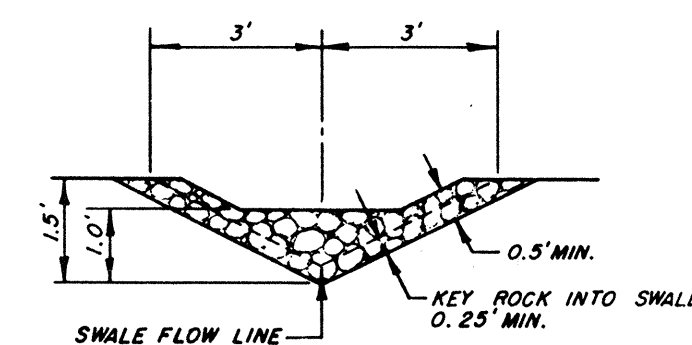
SEDIMENT POND DETAIL

NO SCALE

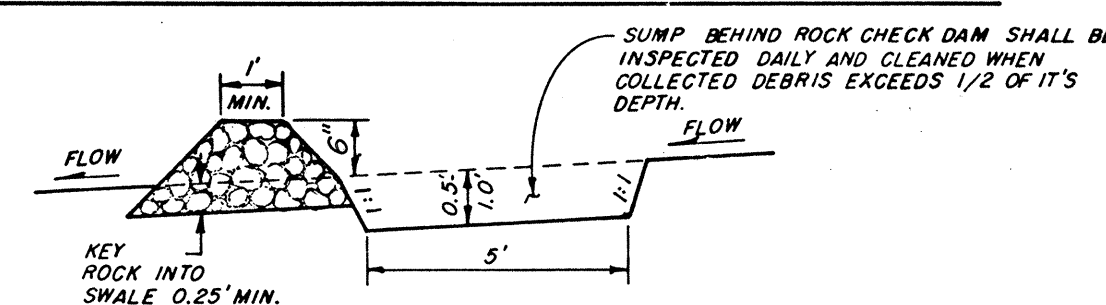


STANDPIPE DETAIL

NO SCALE



INTERCEPTOR DITCH X-SECTION & ROCK CHECK DAM

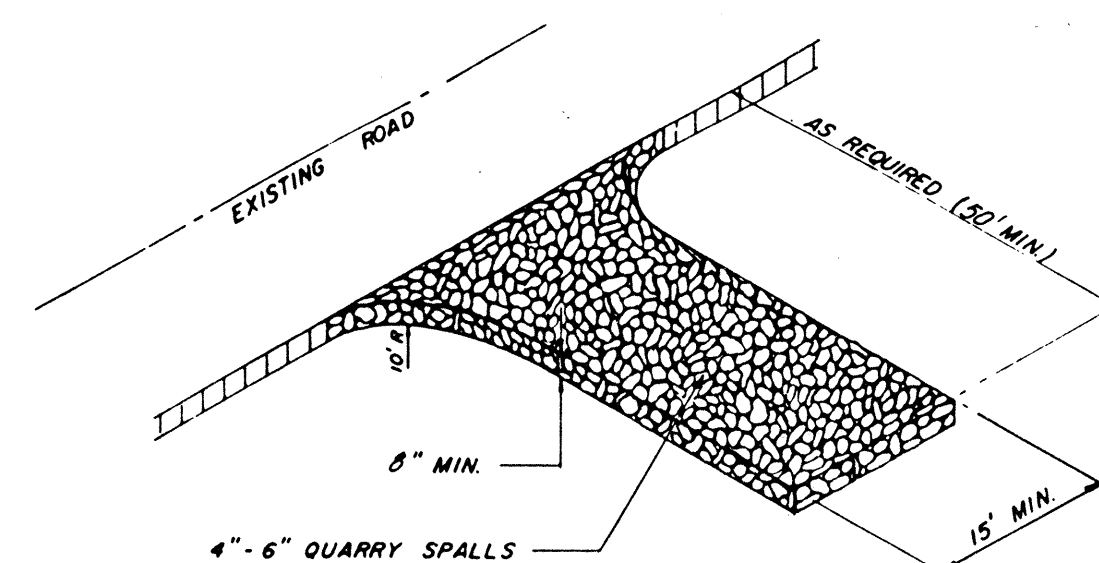


NOTE: ROCK SHALL BE 4" MINUS QUARRY ROCK

ROCK CHECK DAM X-SECTION

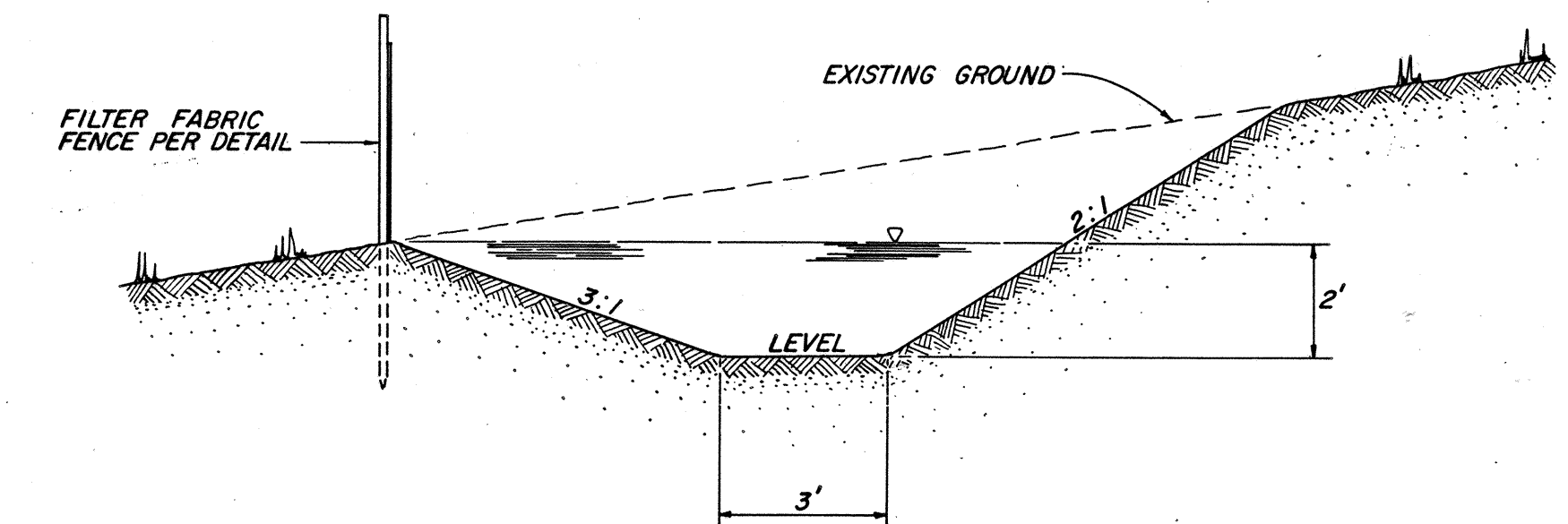
CHECK DAM DETAIL

NOT TO SCALE



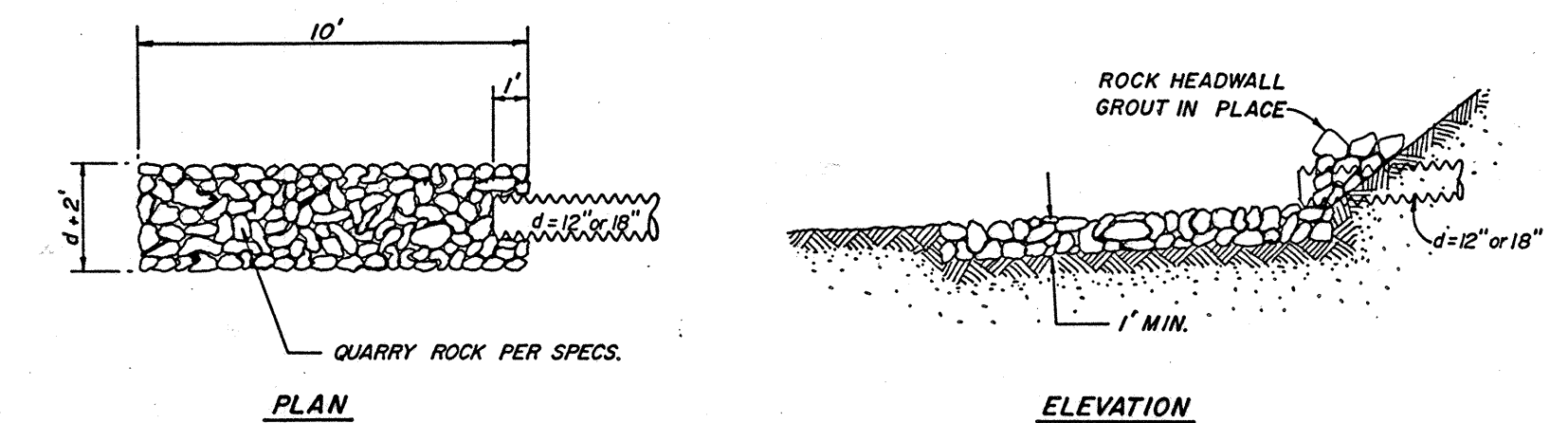
GRAVEL CONSTRUCTION ENTRANCE

NOT TO SCALE



SEDIMENTATION / DISPERSION TRENCH DETAIL

NOT TO SCALE

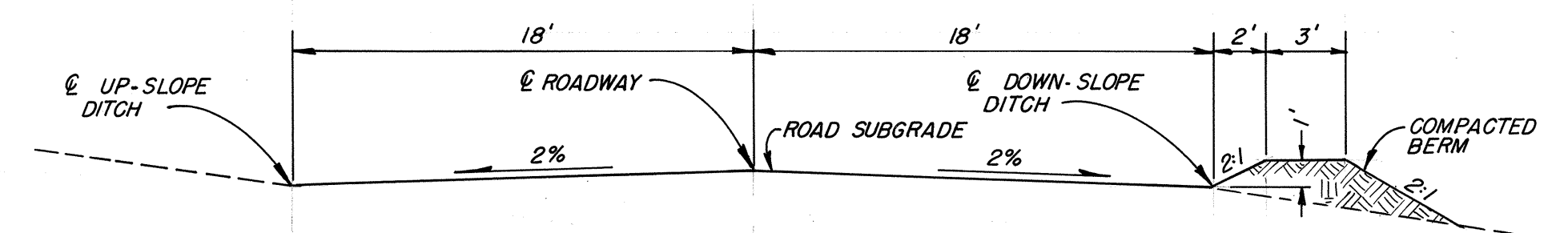


ROCK SHALL BE OF SOUND QUARRY ROCK PLACED TO A MIN. DEPTH OF ONE FOOT.
ROCK AGGREGATE TO BE AS FOLLOWS:

1/2" - 2" - 10% - 40%
2" - 4" - 20% - 40%
4" - 8" - 40% - 70%

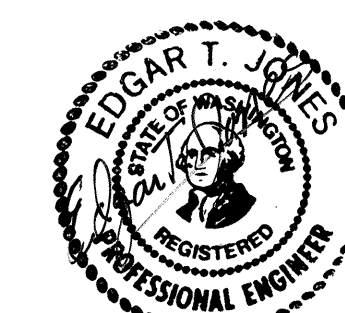
OUTFALL RIP-RAP DETAIL

NO SCALE



INTERCEPTOR DITCH ALONG ROADWAY

NO SCALE

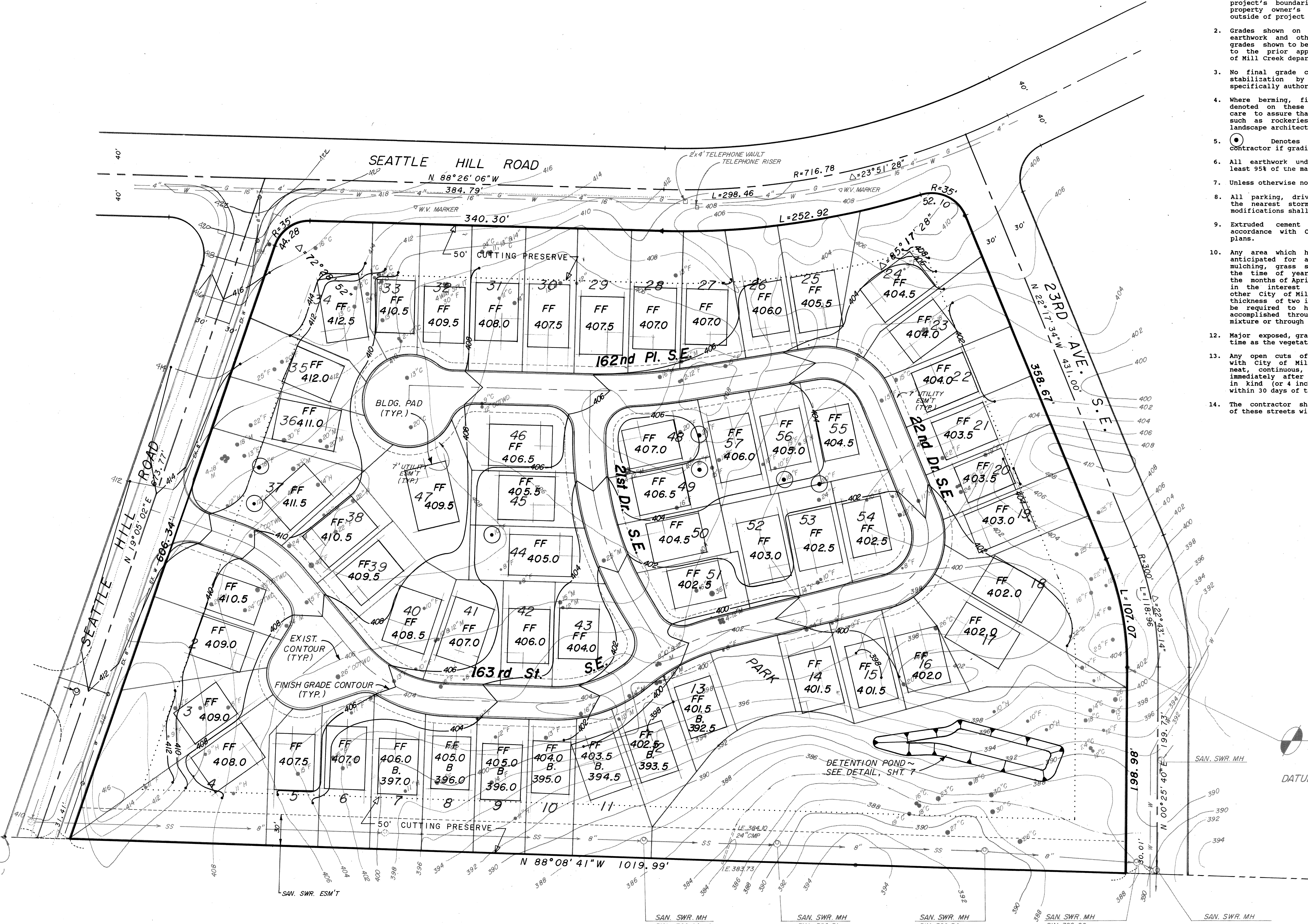


APPROVED: *Allan Newhall* 5-6-88
CITY ENGINEER, MILL CREEK DATE

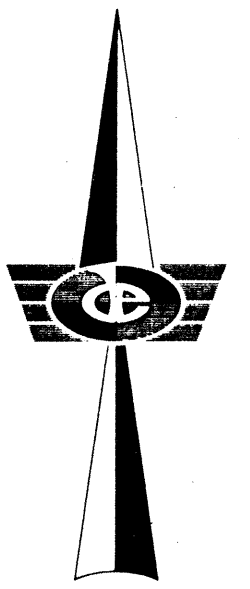
REV	DATE	DESCRIPTION	BY
		NORTHWARD PROPERTIES 1115 - 108th AVE. N.E. BELLEVUE, WASHINGTON 98004	
		WILDFLOWER PARK	
		EROSION CONTROL DETAILS	
		(206) 454-3743 OR 885-7877 DODDS ENGINEERS, INC. 4205 - 148th AVENUE NORTHEAST BELLEVUE, WASHINGTON 98007	
OWN	LGW	BOOK	PROJ. NO.
SVD	DATE 2-26-88		87101
APP'D	EDGAR T. JONES, P.E.		SHT (3) OF 8

GRADING GENERAL NOTES

- Grading into areas outside of this property is subject to the written consent of adjoining property owners. Failure to obtain such consent may require additional rockery or other suitable soil stabilization such that all grading occurs within the project's boundaries. The contractor shall verify the status of the adjoining property owner's consent by contacting the developer prior to performing work outside of project boundaries.
- Grades shown on this plan represent the engineer's estimate of approximate minimum earthwork and other grading/soil considerations. The contractor may alter the grades shown to better achieve these results provided that any alteration is subject to the prior approval in writing by the engineer, owner, and the appropriate City of Mill Creek departments.
- No final grade cut or embankment slope shall exceed 2:1 (horiz:vert) without stabilization by rockery (not to exceed 8') or by retaining wall, unless specifically authorized by a licensed soils engineer.
- Where berming, filling, or other grading occurs within the dripline of any tree denoted on these plans to be saved, the grading contractor shall exercise special care to assure that this work does not result in the demise of the tree. Techniques such as rockeries, tree protection fences, or other methods recommended by the landscape architect shall be employed.
- Denotes trees which are to be saved. Other trees may be saved by the contractor if grading allows and the owners approve.
- All earthwork under paving to be used by vehicular traffic shall be compacted to at least 95% of the maximum dry density per A.S.T.M. D-1557-70 (Modified Proctor).
- Unless otherwise noted, all spot elevations shown in paved areas are top of paving.
- All parking, driveway and landscaped areas shall have at least a 1.5% slope toward the nearest storm drainage interception/conveyance system. Plan details or field modifications shall not supersede this requirement.
- Extruded cement concrete curbing, where specified, shall be constructed in accordance with City of Mill Creek standards and details or details shown on these plans.
- Any area which has been stripped of vegetation and where no further work is anticipated for a period of 30 days or more, shall be immediately stabilized with mulching, grass seeding or other approved erosion control treatment applicable to the time of year in question. Grass seeding alone will be acceptable only during the months of April through September inclusive. Seeding may proceed whenever it is in the interest of the permittee, but must be augmented with mulching, netting, or other City of Mill Creek-approved treatment. Straw mulch shall consist of a minimum thickness of two inches spread evenly over the surface to be protected. Netting may be required to hold mulch in place on steep slopes. Grass seeding shall be accomplished through the use of a City of Mill Creek-approved hydroseeder and seed mixture or through placement of an acceptable sod.
- Major exposed, graded slopes shall be protected by clear plastic sheeting until such time as the vegetative cover has been established sufficiently to inhibit erosion.
- Any open cuts of existing roadways shall be backfilled and compacted in accordance with City of Mill Creek Standards. All cuts into existing asphalt shall be along neat, continuous, saved lines. A temporary cold mix patch shall be placed immediately after backfill and compaction. The existing surfacing must be replaced in kind (or 4 inches of compacted Class "B" asphalt concrete, whichever is greater) within 30 days of temporary patching.
- The contractor shall keep off-site streets clean at all times by sweeping. Washing of these streets will not be allowed without prior City of Mill Creek approval.



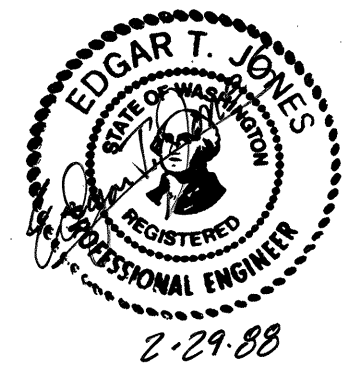
T.B.M.
WILSEY & HAM INC.
IRON PIPE (CAPPED)
ELEV. 403.57
DATUM: U.S.C. & G.S., M.S.L.



1" = 50'

REV	DATE	DESCRIPTION	BY
1	2-26-88	NORTHWARD PROPERTIES 1115 - 108th AVE. NE BELLEVUE, WASHINGTON 98004	
2	2-26-88	WILDFLOWER PARK GRADING PLAN	
3	2-26-88	(206) 454-3743 OR 885-7877 DODDS ENGINEERS, INC. 4205-148th AVENUE NORTHEAST BELLEVUE, WASHINGTON 98007	
4	2-26-88	DWN L.G.W. BOOK SVD DATE 2-26-88 APPD EDGAR T. JONES, P.E.	PROJ. NO. 87101 SHT 4 OF 8

APPROVED: *U. Allan Newhill*
CITY ENGINEER, MILL CREEK



2-29-88
5-6-88
DATE

STORM DRAINAGE GENERAL NOTES

- All storm drainage structures, as designated in the plans, shall be one of the following:
 - Yard drain - Associated Sand and Gravel CB-10, or equal.
 - Inlet - Associated Sand and Gravel CB-17, or equal.
 - Type I-C Catch Basin - APWA Standard Plan 52, Associated Sand and Gravel CB-15, or equal.
 - Type I-L Catch Basin - Associated Sand and Gravel CB-16, or equal.
 - Type II-48" Catch Basin - APWA Standard Plan 55 (with minimum 24" deep sump below invert), Associated Sand and Gravel CB-19, or equal.
 - Type II-54" Catch Basin - APWA Standard Plan 37 (with minimum 24" deep sump below pipe invert), Associated Sand and Gravel 54" Pre-cast Catch Basin, or equal.
 - Special catch basins or drainage structures shall be as detailed in these plans.

Note: all unit covers shall be per APWA standards and all structures deeper than five feet (rim to invert) shall be Type II. All Type II catch basins shall be equipped with manhole steps or a manhole ladder, per APWA standards.

- All frames, grates and/or solid covers shall be cast iron or ductile iron and shall meet City of Mill Creek standards.
 - Standard Frame and Grate - APWA Standard Plan 49, Olympic Foundry Co. No. SM50 and SM50G, or equal.
 - Solid, Locking, Rectangular Cover - Olympic Foundry Co. No. SM50S, or equal.
 - Solid, Locking, Round Cover - Olympic Foundry Co. No. MH300/T, or equal.

Note: All solid covers shall be marked "Drain." All grates shall be marked "Outfall to Stream - Dump no Pollutants." All grates shall be depressed 0.10 feet from surrounding curb or pavement to insure adequate drainage.

- All storm drain pipe may be constructed of one of the following materials unless otherwise specified in the plans. All pipe joints must be gasketed watertight and must be of the same material as the pipe. All pipe shall have a minimum cover of 12" and shall be adequately protected during construction (refer to the manufacturer's recommendations for minimum cover for heavy equipment loadings).
 - Ductile Iron 4" through 14" diameter pipe shall be Class 52 and 16" through 24" diameter pipe shall be Class 50, all in accordance with USA Standard A-21.1 (AWWA C-51). All joints shall be push-on, mechanical, or flanged.
 - Concrete 4" through 18" diameter pipe shall be non-reinforced, standard and spigot with rubber gasket joints conforming to ASTM C-14 (Class II). 21" through 36" diameter pipe shall be reinforced, bell and spigot with rubber gasket joints, conforming to ASTM C-76.
 - PVC 4" through 18" diameter pipe with 18" to 36" of cover shall be in accordance with ASTM D3034 SDR 21. 4" through 18" diameter pipe, with over 36" of cover shall be in accordance with ASTM D3034 SDR 35. All joints shall be push-on with rubber gaskets. (Note: P.V.C. pipe used for downspout leaders, yard drains, and landscaping drainage may be ASTM D2729 with solvent welded joints, 12" minimum cover.)
 - Helical corrugated aluminum pipe (CMP) 6" through 18" diameter pipe shall be 16 gauge with 2-2/3" x 1/2" corrugations. 21" through 36" diameter pipe shall be 14 gauge with 2-2/3" x 1/2" corrugations. Refer to details in these plans for any pipes larger than 36" in diameter with rubber gaskets.

NOTE: Concrete pipe must be used where specified on the plans.

- All pipe shall be laid on a properly prepared foundation according to the 1984 Standard Specifications for Road, Bridge and Municipal Construction Sec. 7-02.3(1). This shall include necessary leveling of the trench bottom or the top of the foundation material as well as placement and compaction of required bedding material to uniform grade so that the entire length of the pipe will be supported on a uniformly dense unyielding base. If the native material in the bottom of the trench meets the requirements for "Gravel Backfill for Pipe Bedding," the first lift of pipe bedding may be omitted, provided the material in the bottom of the trench is loosened, regraded and compacted to form a dense unyielding base.
- All pipe bedding shall be APWA type "F" for flexible pipe (i.e. PVC, CMP or ADS). All rigid pipe (i.e. Ductile Iron or Concrete) bedding shall be APWA Type "C" for pipe cover greater than 36" or APWA Type "B" for pipe cover less than 36".
- All trench backfill in areas of future pavement or structural loading shall be compacted to at least 95% of the maximum dry density per ASTM D 1557-70 (Modified Proctor). All other areas shall be compacted to 90%.
- All building roof drain downspouts and footing drains shall be directly connected to the main storm drainage conveyance system through an underground pipe system. Roof drains and footing drains shall be separate systems and shall be constructed of 4" (6" or 8" dia. where shown) rigid P.V.C. pipe (non-perforated for roof drains, perforated for footing drains). Sufficient cleanouts and bends shall be installed so that the system can be easily maintained. The system shown hereon is schematic only. The drainage/grading contractor or landscaper may alter the layout as required to better drain the site, with prior approval of the engineer. All roof and footing drains shall be adjusted to avoid impacting the existing trees denoted "to be saved" on the grading plan. Drain lines should be located outside the dripline of trees wherever possible. The contractor shall keep a dimensioned record of the location of all pipes and cleanouts and submit same to the engineer and owner upon completion of the work.
- Prior to occupancy, the permanent storm drainage system must be cleaned by pumping.
- To assure long term operation and maintenance, all catch basins shall be checked and cleaned every few months. Regularly scheduled seasonal catch basin cleaning (November and April) is a recommended minimum.

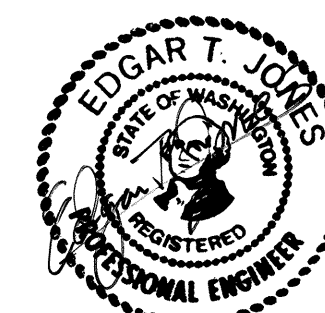
T.B.M.

WILSEY & HAM INC.
IRON PIPE (CAPPED)
ELEV. 403.57

DATUM: U.S.C. & G.S., M.S.L.

SCALE
1" = 50'

REV	DATE	DESCRIPTION	BY
1			
NORTHWARD PROPERTIES			
1115 - 108th AVE. N.E.			
BELLEVUE, WASHINGTON 98004			
WILDFLOWER PARK			
STORM DRAINAGE PLAN			
(206) 454-3743 OR 885-7877			
DODDS ENGINEERS, INC.			
4205-148th AVENUE NORTHEAST			
BELLEVUE, WASHINGTON 98007			
OWN LGW	BOOK	PROJ. NO.	
SVD	DATE 2-26-88	87101	
APP'D EDGAR T. JONES, P.E.		SHT (5) OF 8	



2-29-88

APPROVED: J. Allan Newkirk
CITY ENGINEER, MILL CREEK DATE 5-6-88

WILDFLOWER PARK

HDEV-494

INTAKE 26 A

RIP-RAP, SEE DETAIL,
SHT. 3.

CB 26 TYPE I

STA. 1+45
17.2' RT.

INLET 26 A

STA. 1+45
17.2' LT.

CB 16 TYPE I

STA. 1+45
15.2' RT.

CB 15 TYPE I

STA. 1+15
15.2' RT.

CB 9 TYPE I

STA. 1+51
15.2' RT.

CB 8 TYPE I

STA. 1+65 (R)
15.2' RT.

CB 7 TYPE I

STA. 1+13 (R)
15.2' RT.

CB 25

STA. 2+95, TYPE I
17.2' RT.CURB TRANSITION
AT 41/2. SEE WHEEL
CHAIR CAMP DETAIL,
SHEET 1.3+50 BEGIN DITCH,
25 RT.4+00 BEGIN LANE
TRANSITION
STEERING, RT.

CB 24

TYPE II, 48" DIA.
17.2' RT. CTR. OF GRADE

10+4 RT. CTR. OF STR.

3+1/2 MINUS CRUSHED ROCK

STA. 5+05, 08' RT. 1E 400A
W/ RIP-RAP SEE DETAIL, SHT. 3RECONSTRUCT EX. DRIVEWAY W/
1 1/4" MINUS CRUSHED ROCKSTA. 5+25, 0-35 WIDE
DRIVEWAY CURB CUT.

OUTFALL 22-B

STA. 5+55, 28' RT. 1E 400A
W/ RIP-RAP SEE DETAIL, SHT. 3

CB 23

TYPE II, 48" DIA.
17.2' RT. CTR. OF GRADE

10+4 RT. CTR. OF STR.

CONTROL STRUCTURE
SEE DETAIL, SHEET B.

10+18 @ 10.0%

INTAKE 22 A

STAND WILSEY
STA. 6+45, 28' RT. 1E
1E. 400.5EXIST. ASPH.
ROADWAY

CB 22 TYPE II, 48"

STA. 6+55, 23' RT.

CB 21 TYPE II, 48"

LOCATE AS SHOWN

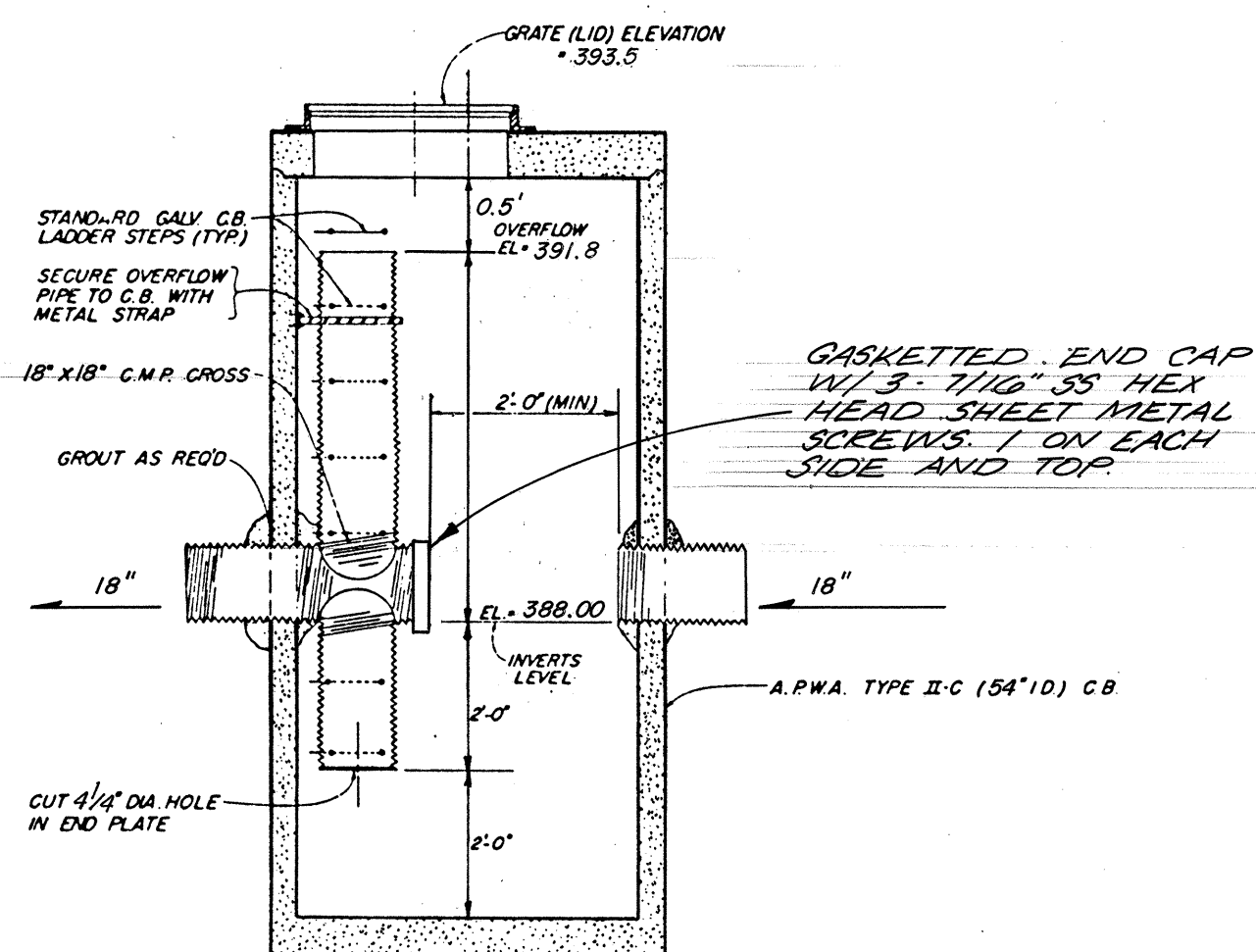
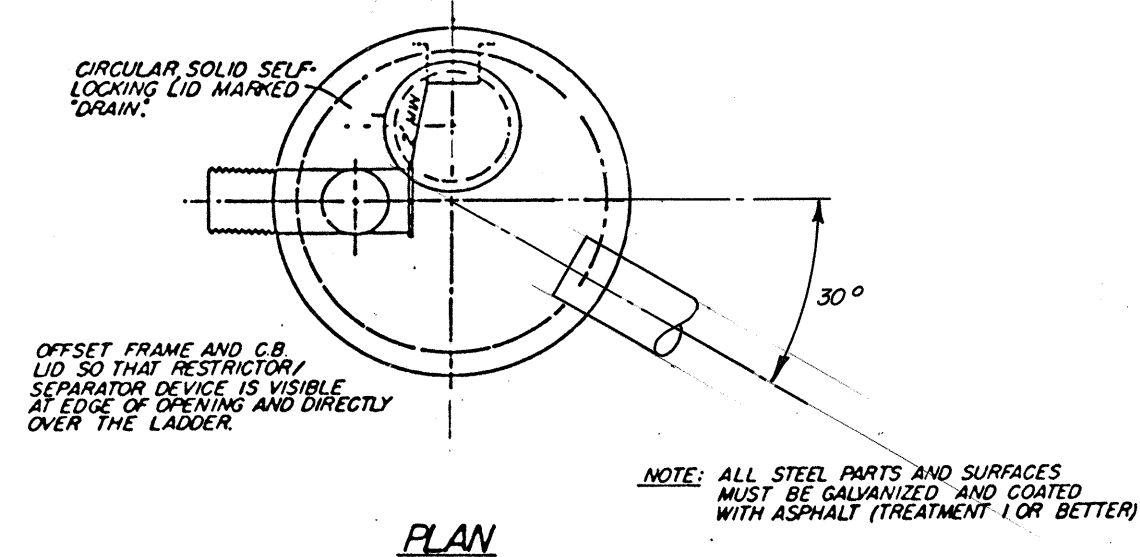
OUTFALL 21A

RIP-RAP - SEE
DETAIL, SHT. 3.

LANE TRANSITION STRIPE DETAIL

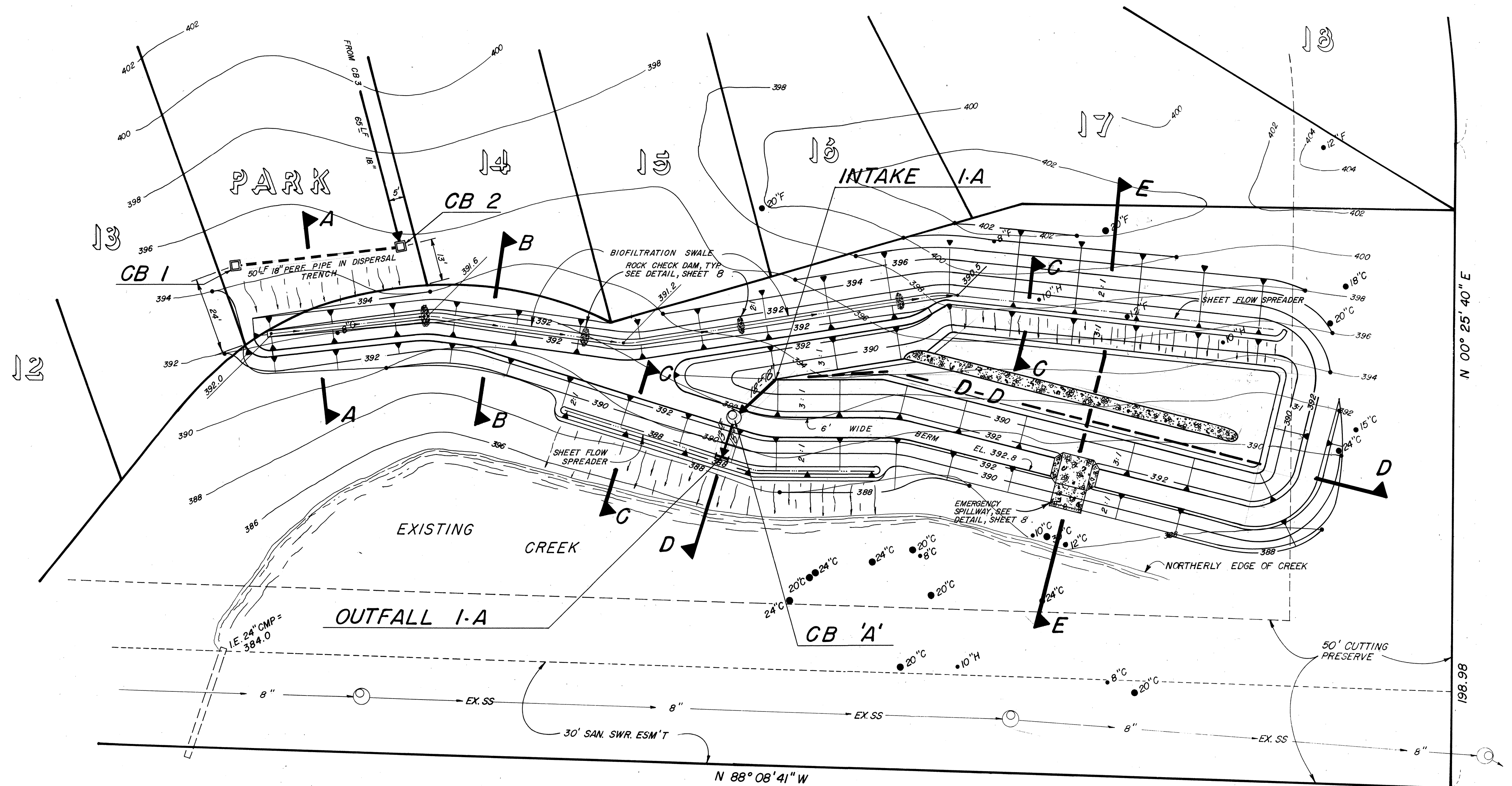
NO SCALE

NOTE: SEE SHEET 1 FOR ROADWAY DETAILS.
SEE SHEET 6 FOR ROAD AND STORM
DRAIN PROFILES.



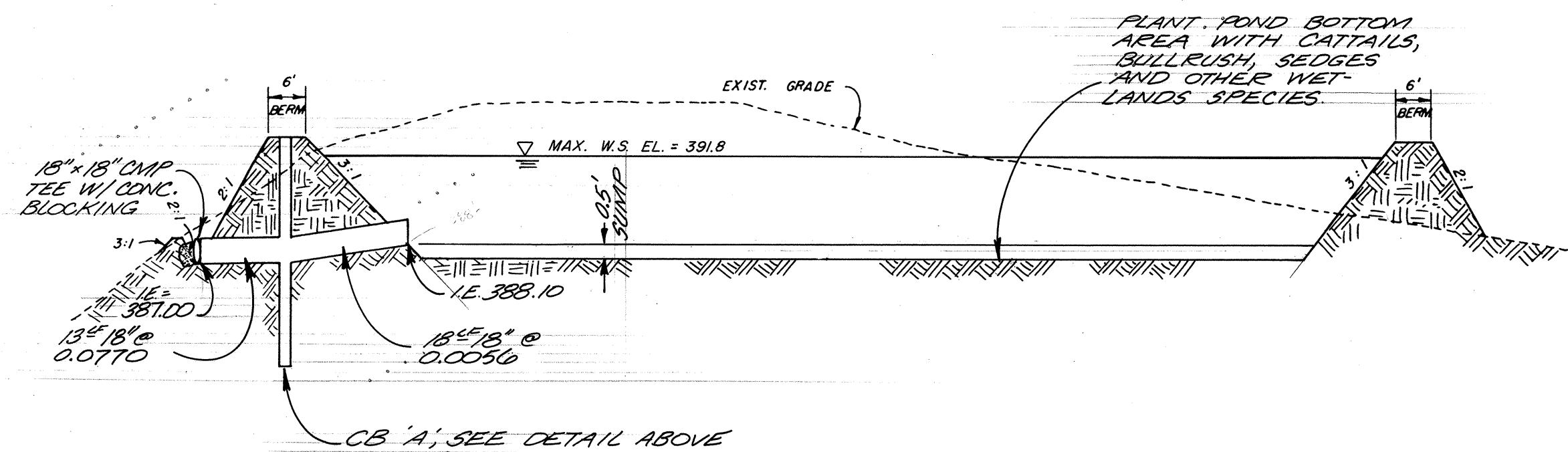
FLOW RESTRICTOR/OIL SEPARATOR
CONTROL DEVICE / CATCH BASIN

CATCH BASIN NO. 'A' DETAIL



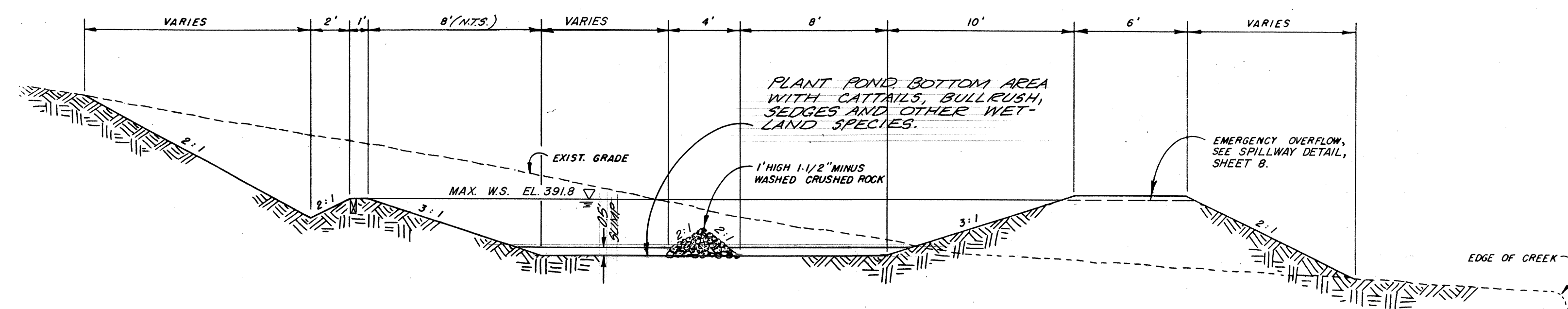
BIOFILTRATION / DETENTION POND DETAIL

1" = 20'



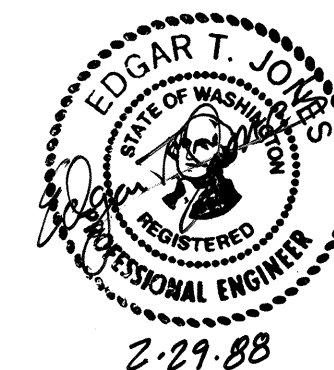
SECTION D-D

1" = 20' HORIZ.
1" = 5' VERT.



SECTION E-E

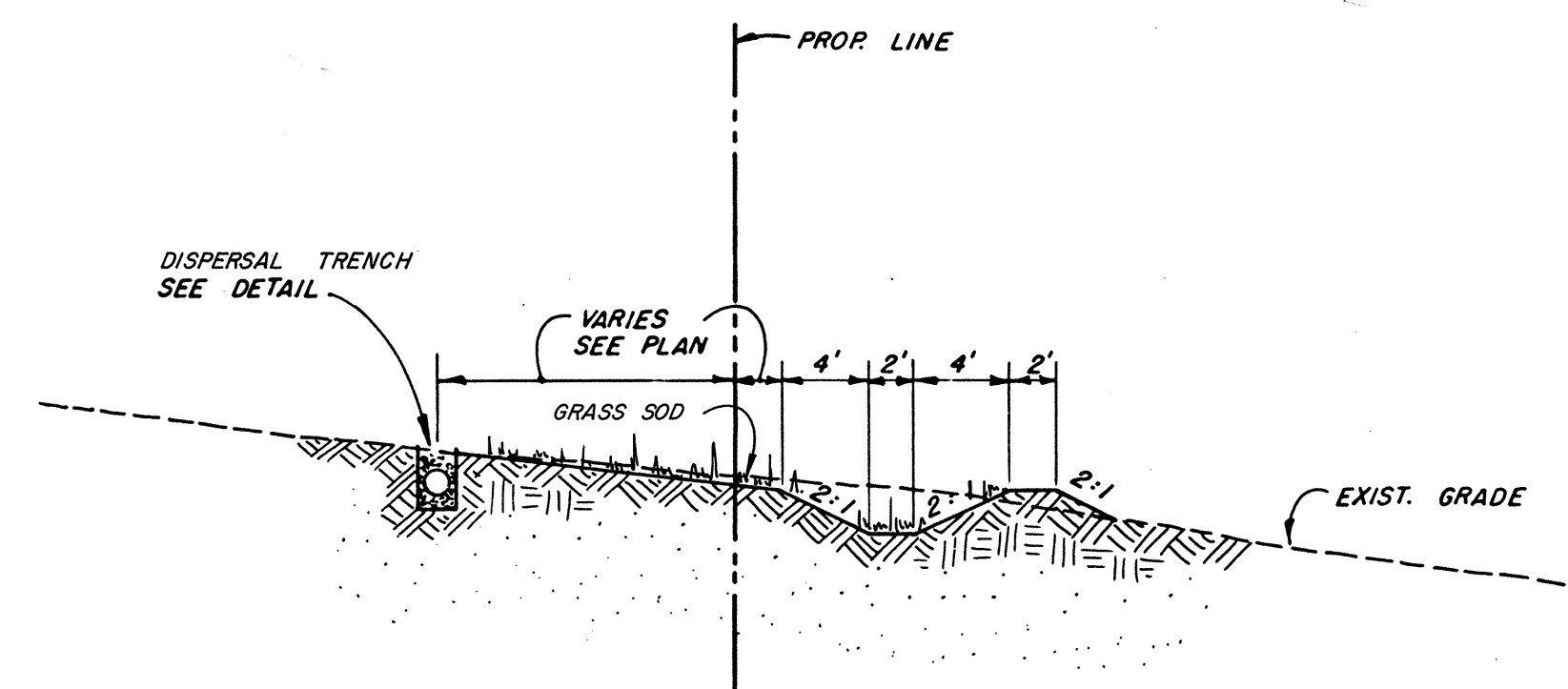
1" = 5' HORIZ.
1" = 5' VERT.



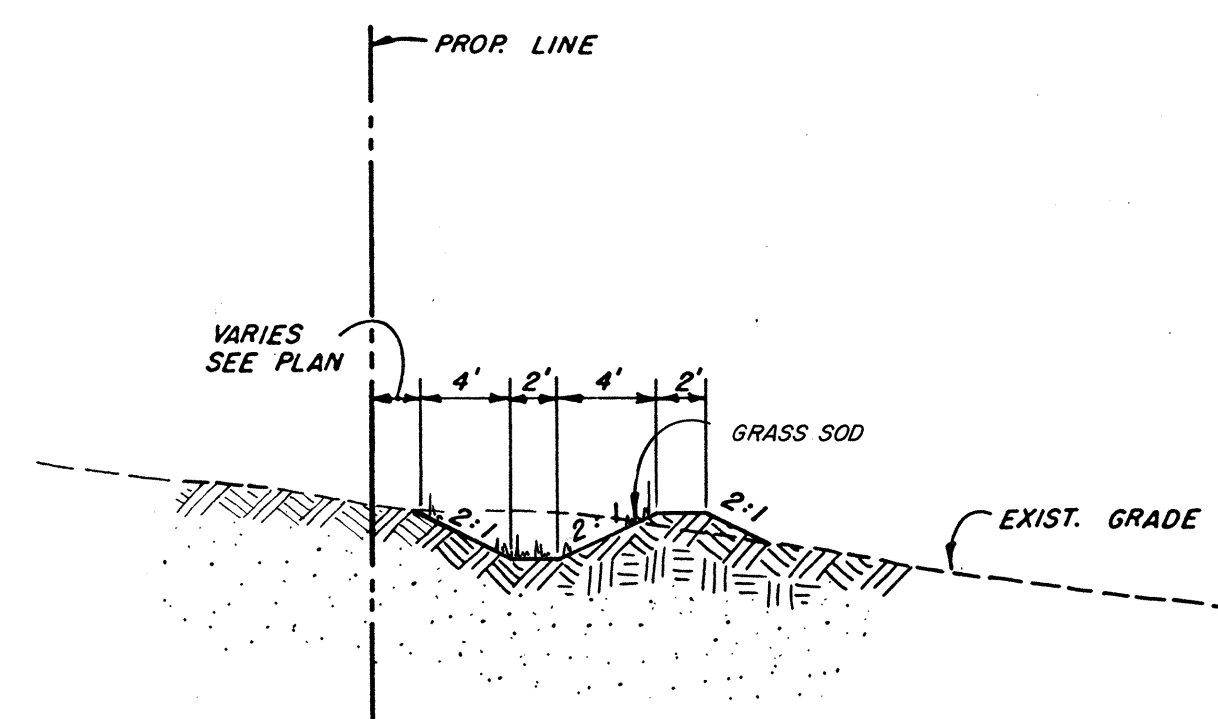
APPROVED: *L. Allan Newhill*
CITY ENGINEER, MILL CREEK

5-6-88
DATE

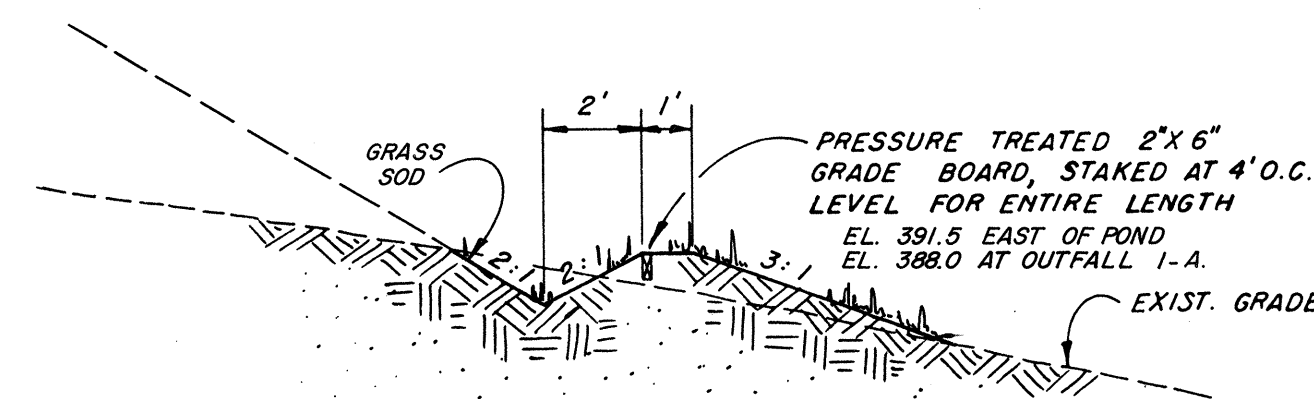
REV	DATE	DESCRIPTION	BY
NORTHWARD PROPERTIES 1115 - 108th AVE. N.E. BELLEVUE, WASHINGTON 98004			
WILDFLOWER PARK STORM DRAINAGE DETAILS (206) 454-3743 OR 885-7877			
DODDS ENGINEERS, INC. 4205 - 148th AVENUE NORTHEAST BELLEVUE, WASHINGTON 98007			
OWN LGW	BOOK	PROJ. NO.	87101
SVD	DATE 2-26-88	SHT	7 OF 8
APP'D EDGAR T. JONES, P.E.			



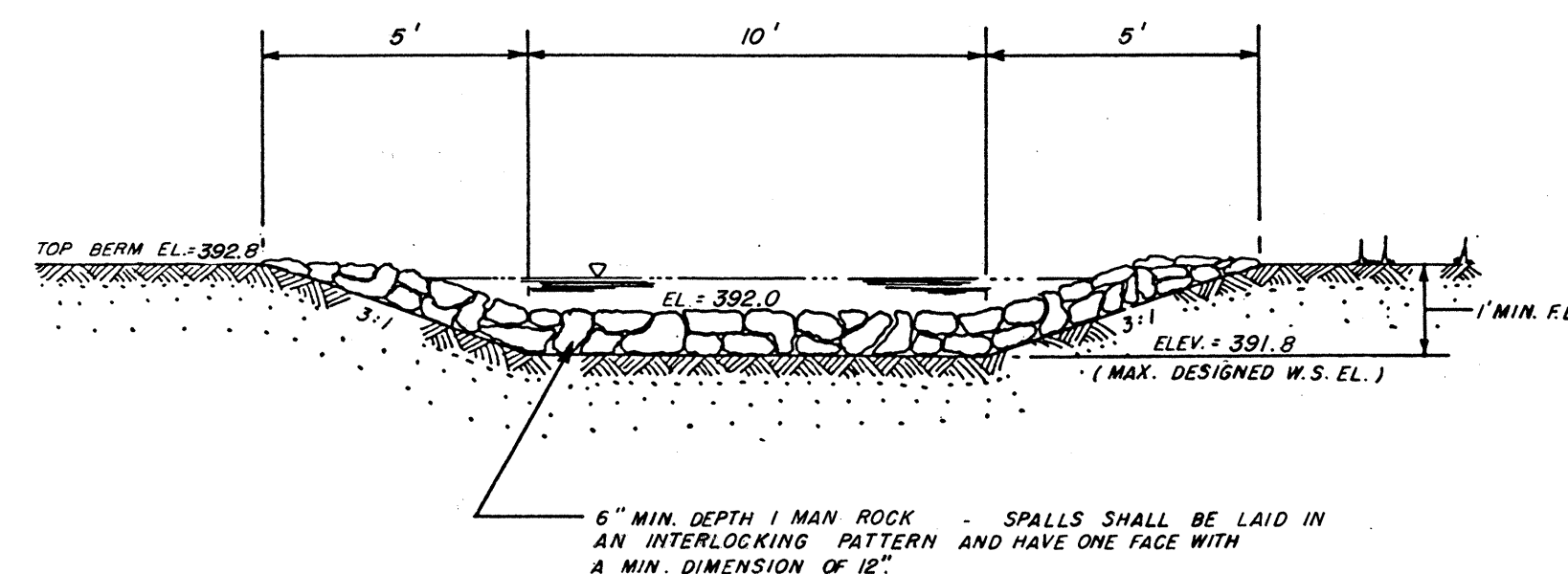
SECTION A-A DISPERSAL TRENCH & BIOFILTRATION SWALE
NO SCALE



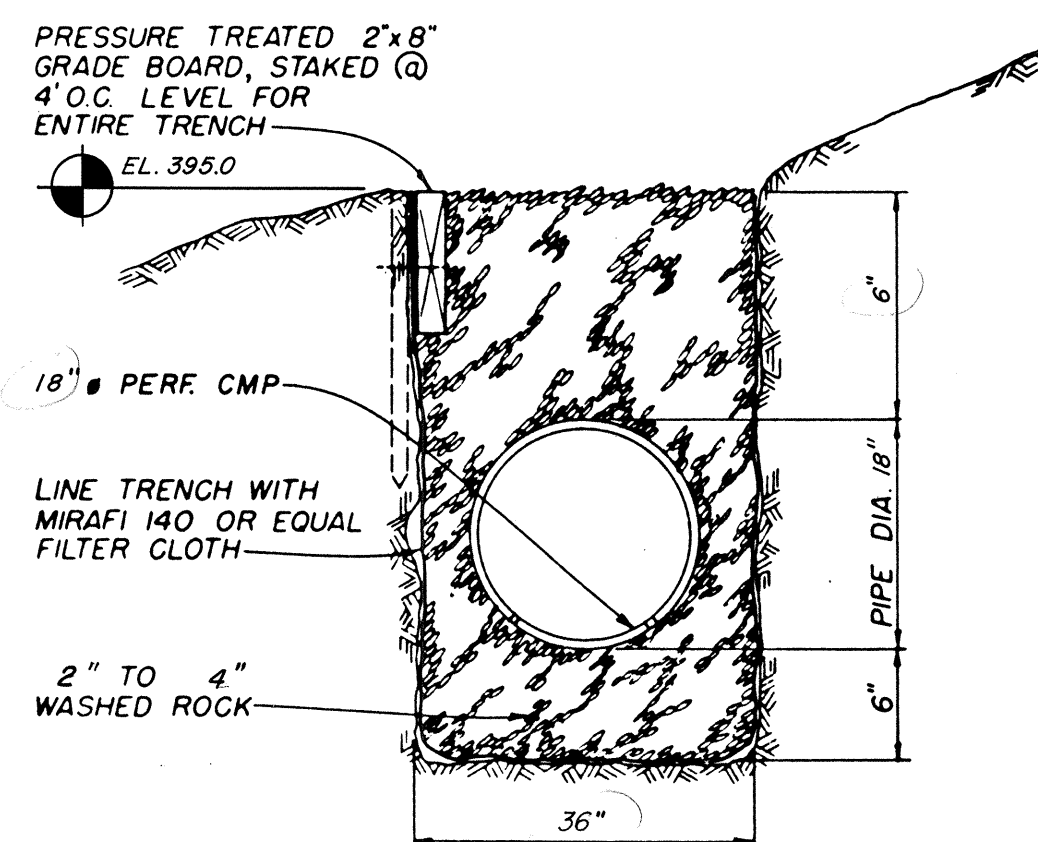
SECTION B-B BIOFILTRATION SWALE
NO SCALE



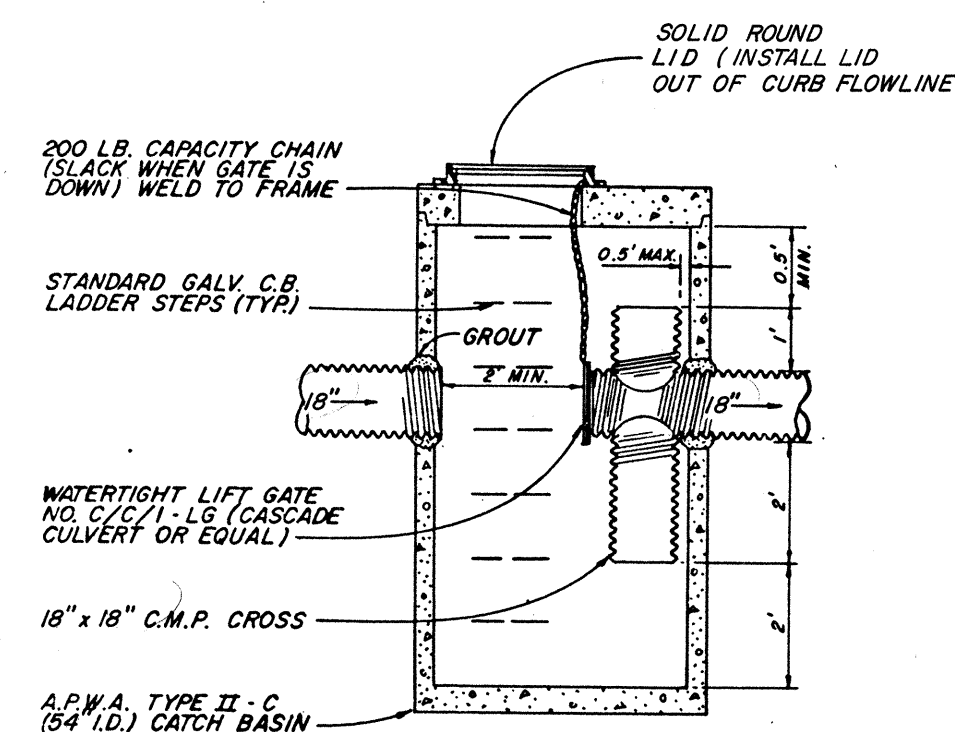
SECTION C-C SHEET FLOW SPREADER
NO SCALE



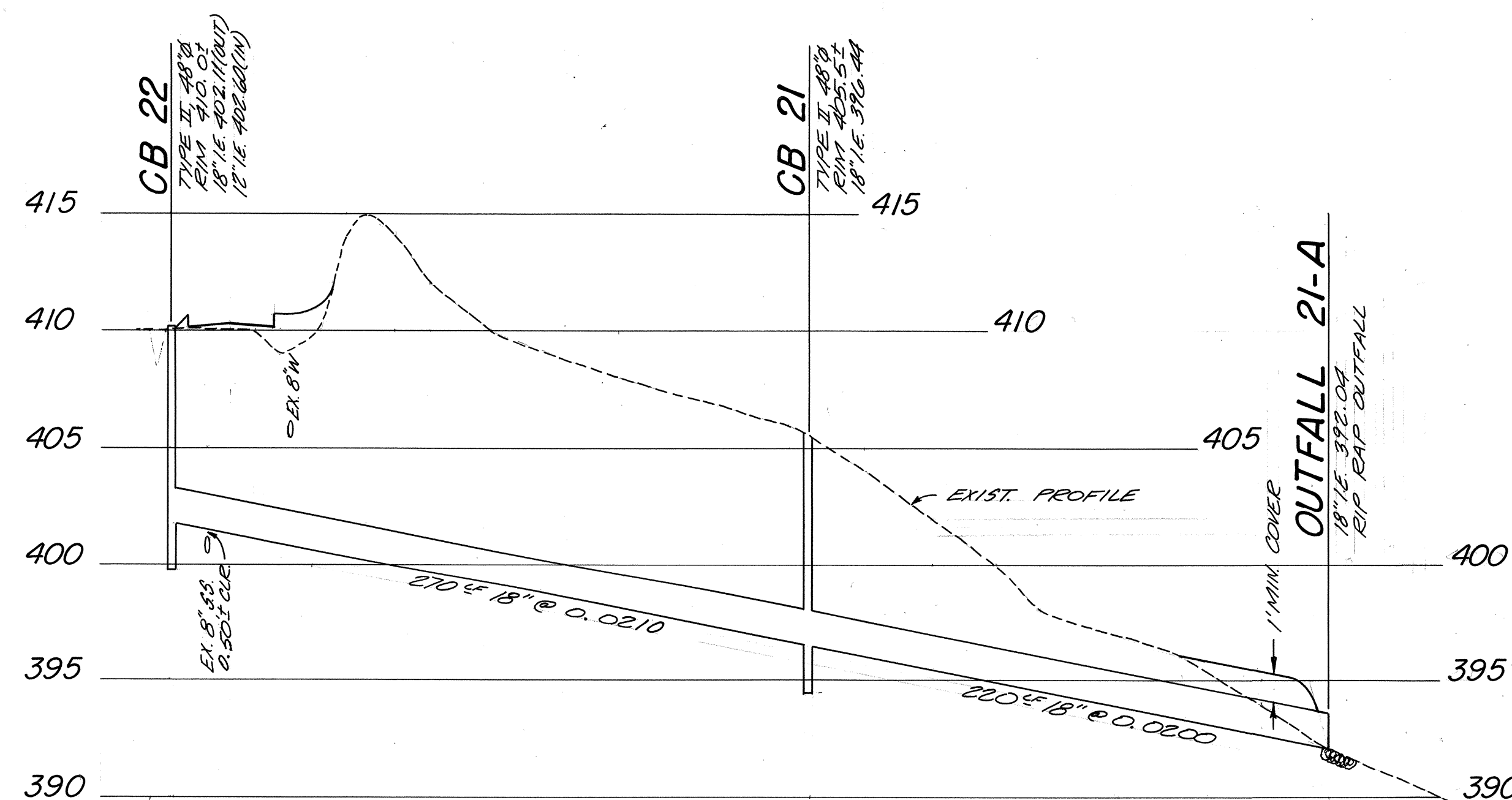
SPILLWAY DETAIL
NO SCALE



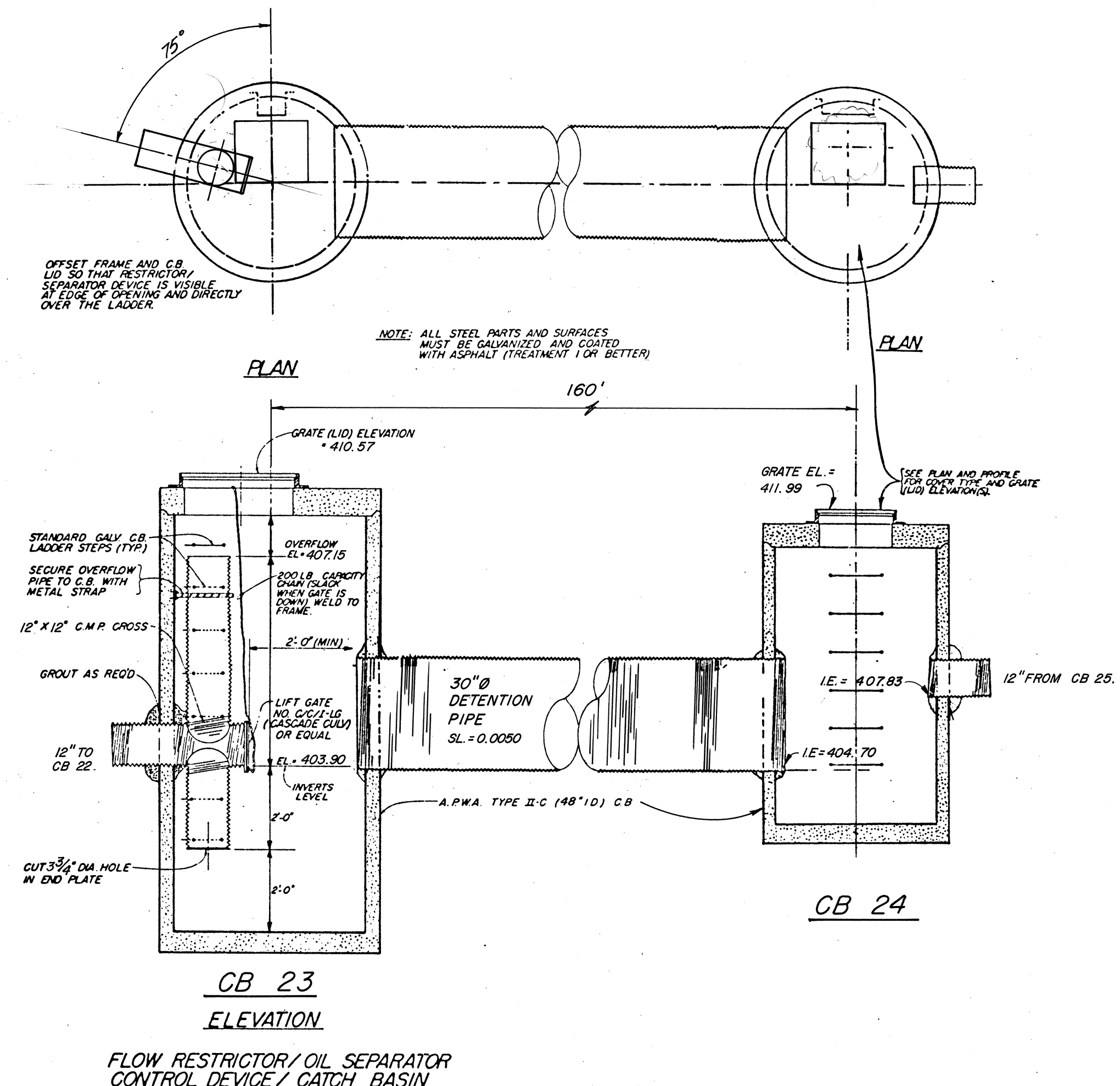
DISPERSAL TRENCH X-SECTION
NO SCALE



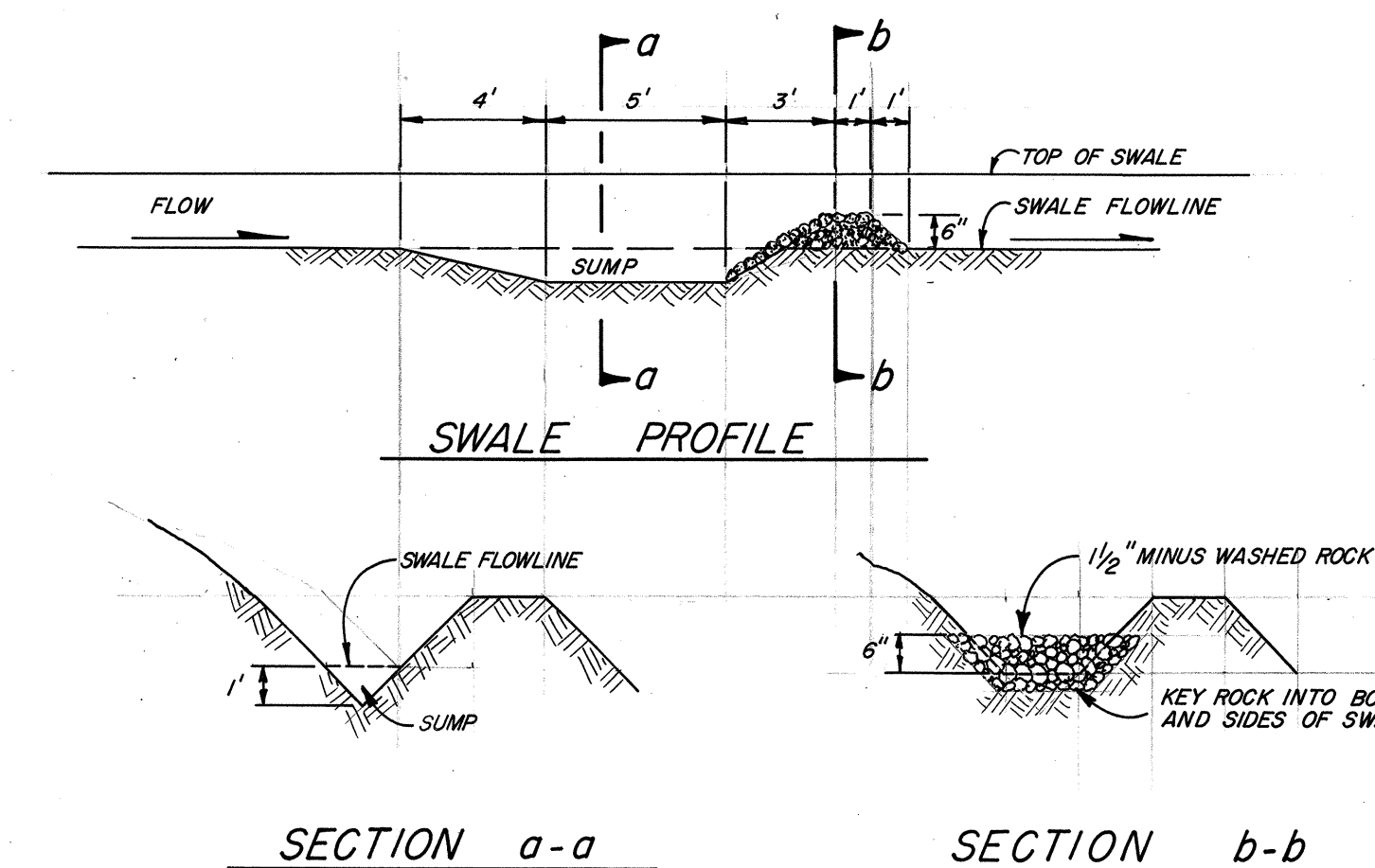
**(TYPE II-C CATCH BASIN)
OIL/WATER SEPARATOR DETAIL - CB 3**
1" = 3'



STORM PROFILE AT S.W. PROP. CORNER
1" = 50' HORIZ.
1" = 5.0' VERT.

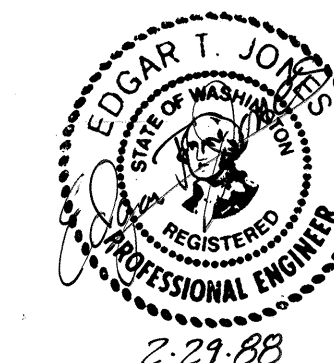


OFFSITE DETENTION SYSTEM FOR SEATTLE HILL RD.
NO SCALE



SECTION a-a SECTION b-b

ROCK CHECK DAM DETAIL
NO SCALE



APPROVED: *Alan Newhill* 5-6-88
CITY ENGINEER, MILL CREEK DATE

REV	DATE	DESCRIPTION	BY
1			
NORTHWARD PROPERTIES			
1115 - 108th AVE. NE BELLEVUE, WASHINGTON 98004			
WILDFLOWER PARK			
STORM DRAINAGE DETAILS			
(206) 454-3743 OR 885-7877			
DODDS ENGINEERS, INC.			
4205 - 148th AVENUE NORTHEAST BELLEVUE, WASHINGTON 98007			
DWN LGW	BOOK	PROJ. NO.	87101
SVD	DATE 2-26-88	DATE	87101
APP'D EDGAR T. JONES, P.E.	DATE	DATE	87101