

- LEGEND**
- Concrete Monument in Case
  - ▬ 12" C.M.P. Storm Drain and Catch Basin
  - ▬ Curb Inlet and 8" C.M.P. to Catch Basin
  - Existing Contour
  - Property Line
  - Road Centerline
  - Concrete Rolled Curb
  - Drain Line for Downspout Drain Connection

- NOTES**
1. ALL CATCH BASINS SHALL BE TYPE I, KING COUNTY STANDARDS, UNLESS OTHERWISE NOTED.
  2. ALL CURB INLETS SHALL BE TYPE IV-K, KING COUNTY STANDARDS.

TYPICAL DETAIL TO BE CONSTRUCTED AT TIME OF HOME CONSTRUCTION.  
INFILTRATION TRENCH  
12" HIGH BERM  
(SEE INFILTRATION TRENCH CROSS-SECTION @ RIGHT SIDE OF THIS SHEET)

TYPICAL DETAIL GRADED SWALE FOR YARD DRAINAGE - TO BE CONSTRUCTED AT TIME OF HOME CONSTRUCTION AND FINE YARD GRADING

**INFILTRATION TRENCH CROSS-SECTION**  
(TO BE USED ON LOTS 1, 2, 4, 5, 6 & 7. SEE PLAT RESTRICTION)  
STABILIZED PERCOLATION RATE IS 2 MIN/IN (REFER TO PAGE 'B'-3, DRAFT E.I.S.)  
TRENCH AREA = 216 SQ. FT. (REFER TO TABLE 7, STORM DRAINAGE CONTROL, REQUIREMENTS AND GUIDELINES, MAY 1979). THIS AREA IS BASED ON THE CONSTRUCTION OF A 3,000 SQ. FT. SINGLE FLOOR HOUSE AND GARAGE. THE AREA WILL NEED TO BE COMPUTED FOR ANYTHING GREATER THAN 3,000 SQ. FT.

KING COUNTY  
DEPARTMENT OF PUBLIC WORKS  
APPROVED  
Oct 25, 1983  
R. N. King, P.E.

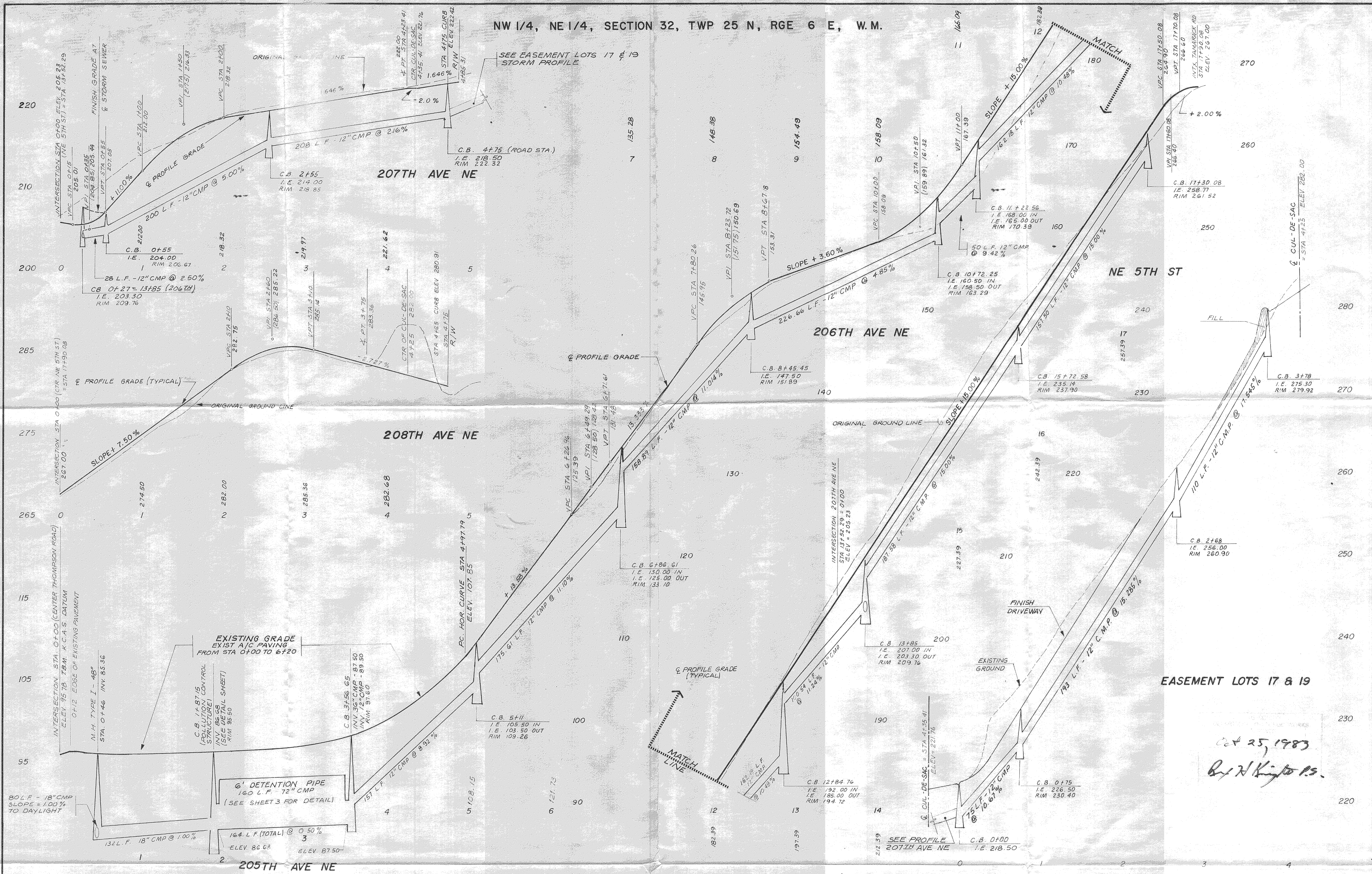


TYPICAL ROADWAY SECTION

CEMENT CONCRETE ROLLED CURB

|     |      |          |             |                |                |  |  |                 |
|-----|------|----------|-------------|----------------|----------------|--|--|-----------------|
| NO. | DATE | REVISION | APPROVED BY | DESIGNED       | APPROVED       | <p><b>Myron Anderson &amp; Associates</b><br/>11831 S.E. 32ND STREET BELLEVUE, WASHINGTON 98005 (206) 747-3117</p> | <p><b>EARL E. FLATUM</b><br/>PLAT OF TLINGIT ADDITION<br/>ROADWAY AND DRAINAGE PLANS<br/>FILE # 1279-4</p> | PROJECT NUMBER  |
|     |      |          |             | O. L. ANDERSON | M. A. ANDERSON |  |  | 83001           |
|     |      |          |             | D. B. ASIS     | JULY 1983      |  |  | SHT 1 OF 4 SHTS |
|     |      |          |             | O. L. ANDERSON | SCALE 1" = 50' |  |  | 2564            |

NW 1/4, NE 1/4, SECTION 32, TWP 25 N, RGE 6 E, W.M.

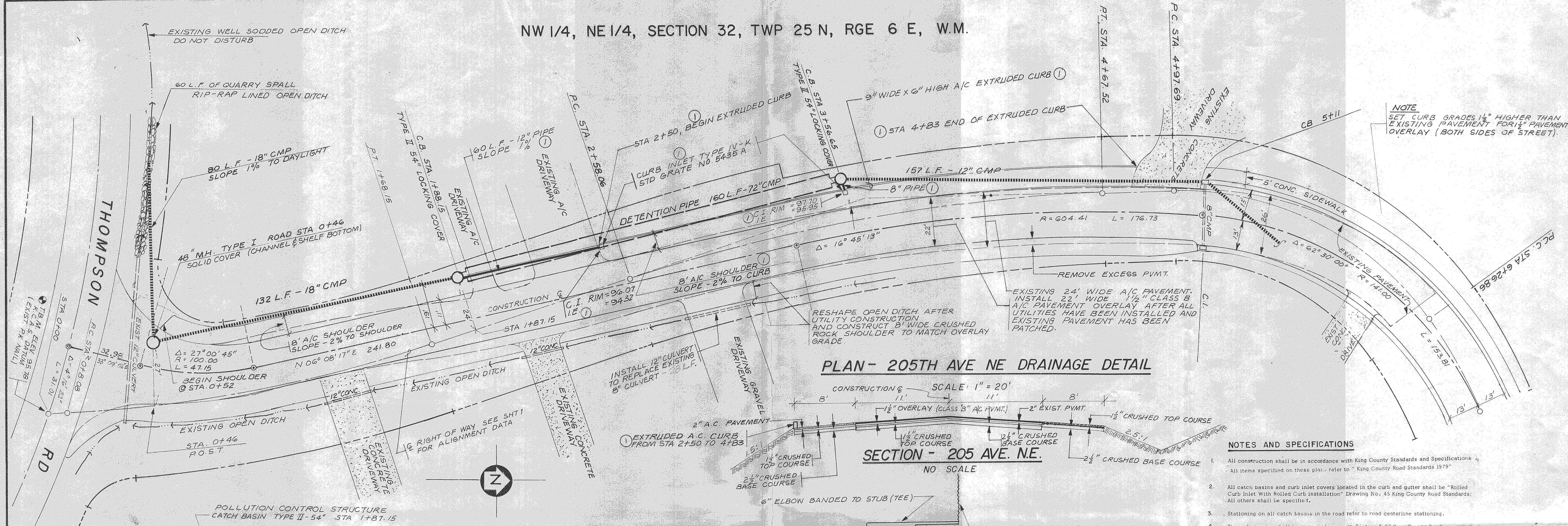


Oct 25, 1983  
By H. Knight, P.E.

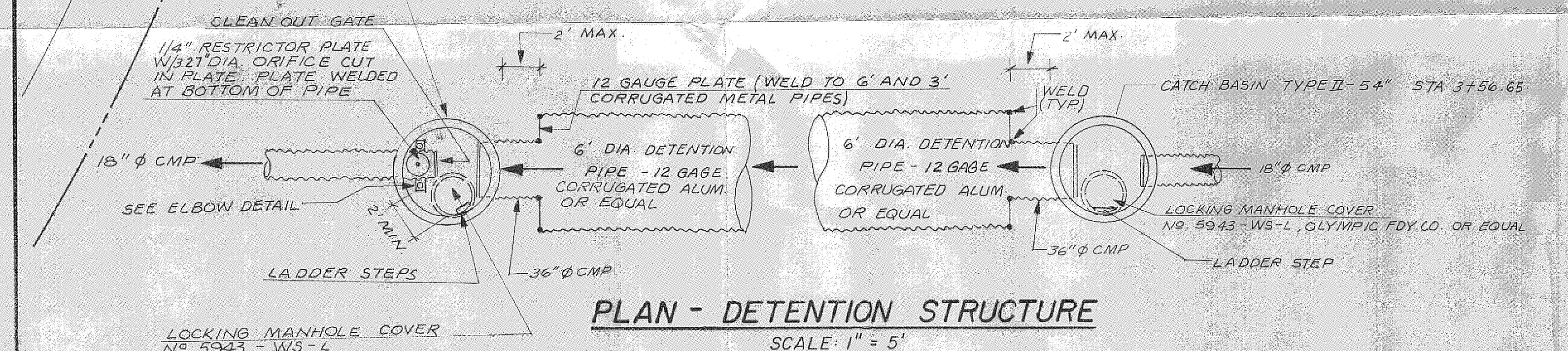
| NO | DATE | REVISION | APPROVED BY | DESIGNED       | APPROVED             |   | EARL E. FLATUM<br>PLAT OF TLINGIT ADDITION<br>ROADWAY PROFILES | PROJECT NO.       |       |
|----|------|----------|-------------|----------------|----------------------|---|--|-------------------|-------|
|    |      |          |             | O. L. ANDERSON | M. A. ANDERSON       |   |  |                   | 83001 |
|    |      |          |             | D. B. ASIS     | JULY 1983            |   |  |                   |       |
|    |      |          |             | O. L. ANDERSON | SCALE: VERT. 1" = 5' |   |  |                   |       |
|    |      |          |             |                |                      | 11831, SE. 32ND ST. BELLEVUE, WASHINGTON 98005 (206) 747-3117 |  | SHEET 2 OF 4 SHTS |       |

P564-A

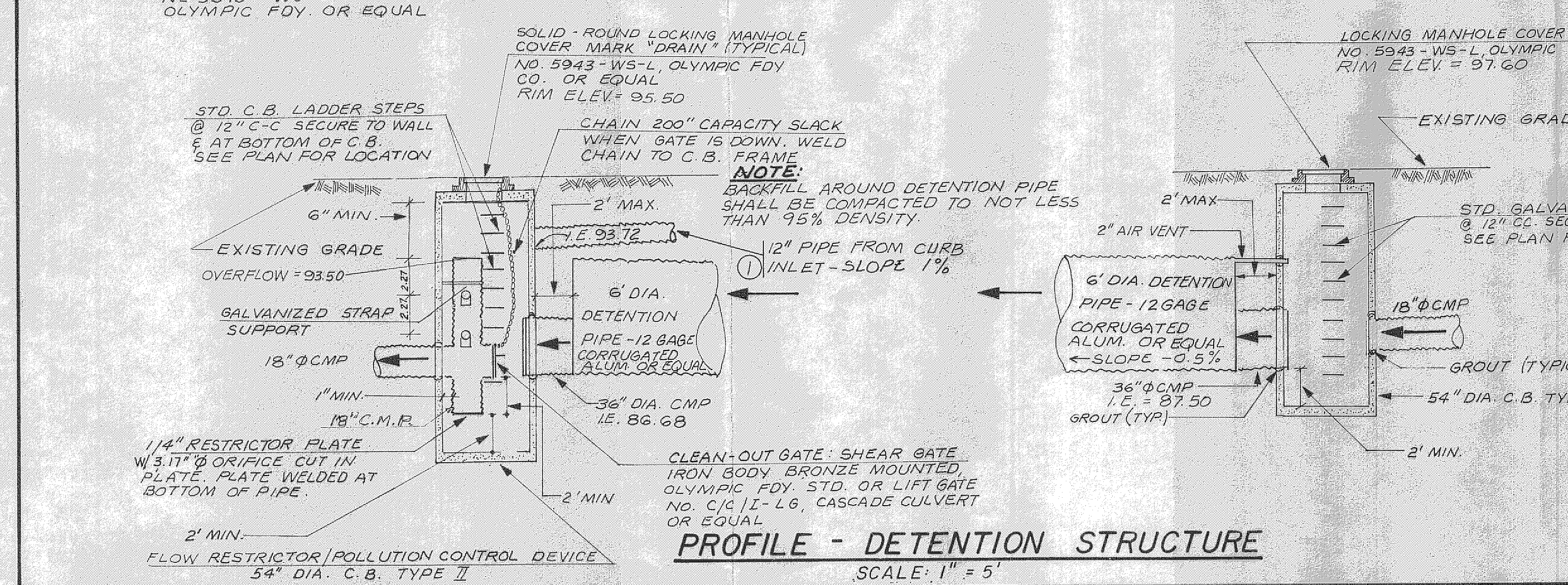
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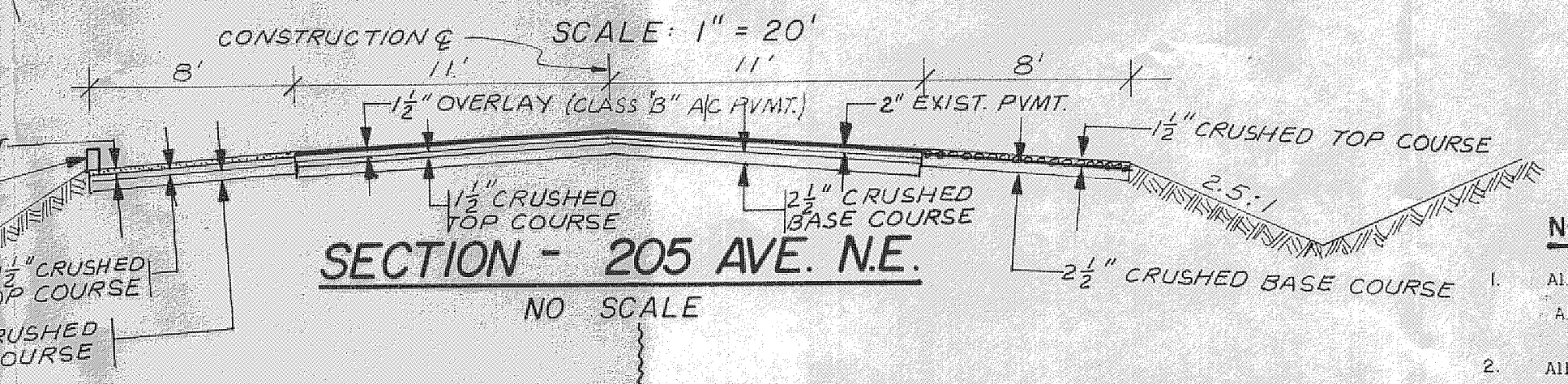
PLAN - 205TH AVE NE DRAINAGE DETAIL



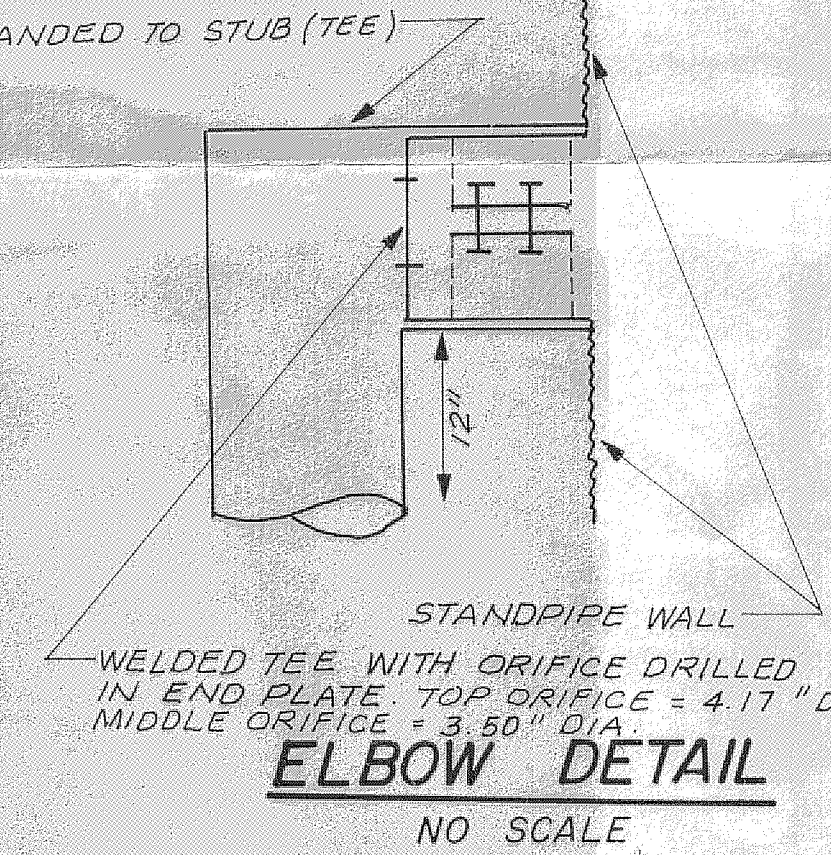
PLAN - DETENTION STRUCTURE



PROFILE - DETENTION STRUCTURE



SECTION - 205 AVE. N.E.



ELBOW DETAIL

- NOTES AND SPECIFICATIONS**
- All construction shall be in accordance with King County Standards and Specifications. All items specified on these plans refer to King County Road Standards 1979.
  - All catch basins and curb inlet covers located in the curb and gutter shall be "Rolled Curb Inlet With Rolled Curb Installation" Drawing No. 45 King County Road Standards. All others shall be specified.
  - Stationing on all catch basins in the road refer to road centerline stationing.
  - Storm drain pipe shall be in accordance with Section 9-03 King County Road Standards.
  - All sedimentation/erosion facilities must be in operation prior to clearing and building construction, and they must be satisfactorily maintained until construction is completed and the potential for onsite erosion has passed.
  - Vertical Datum and Meridian of Bearings is K.C.A.S. T.B.M. IS STA. 0+00 205TH AVE NE. EXISTING "PK" NAIL, ELEV. 95.78
  - If galvanized steel pipe is utilized as detention facilities it shall have asphalt treatment # 1 or better inside and outside.
  - All disturbed areas shall be seeded or stabilized by other Surface Water Management methods for the prevention of onsite erosion after the completion of construction.
  - Grass seeding will be done using an approved type hydro-seeder, or as otherwise approved by King County Department of Public Works. The performance bond will not be released until the grass has been established, unless otherwise approved by the King County Department of Public Works.
  - All pipes shall be laid on a properly prepared foundation according to Washington State Spec. 7-02(i). 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 for from a dense unyielding base.
  - All building downspouts and footing drains shall be connected to the storm drainage system, unless otherwise approved by the Department of Public Works.
  - All drainage structures not on public right-of-ways shall have round, solid locking lids, unless otherwise approved by the Department of Public Works.
  - Rock for erosion protection of roadside ditches, where required, shall be of sound quarry rock to a depth of 1 foot. Rock aggregate to be as follows:
 

|           |           |
|-----------|-----------|
| 1/2" - 2" | 10% - 20% |
| 2" - 4"   | 20% - 40% |
| 4" - 8"   | 40% - 70% |
  - Structures shall not be permitted within 10' of the spring line of any storm drainage pipe(s), or 15' from the top of any channel bank.
  - The storm drainage system shall be constructed according to the approved plans which are on file in the Department of Public Works Central Records. Any deviation from the approved plans will require written approval from the proper agency, currently the King County Department of Public Works.
  - A copy of these approved plans must be on the job site whenever construction is in progress.
  - Prior to any construction/development activity the King County Department of Public Works Development Inspection Section must be contacted (Phone No. 255-2531) for a pre-construction meeting.
  - ALL R/D FACILITIES WILL BE INSTALLED AND IN OPERATION PRIOR TO OR IN CONJUNCTION WITH ALL CONSTRUCTION ACTIVITY UNLESS THAT ACTIVITY EXCEEDS THE CAPACITY AND INTENT OF THE EROSION/SEDIMENTATION CONTROL FACILITIES OR UNLESS OTHERWISE APPROVED BY THE SURFACE WATER MANAGEMENT DIVISION.
  - ALL CB GRATES SHALL BE DERESSED 0.10 FEET BELOW PAVEMENT LEVEL.

Oct 25, 1983  
Earl E. Flatum P.E.

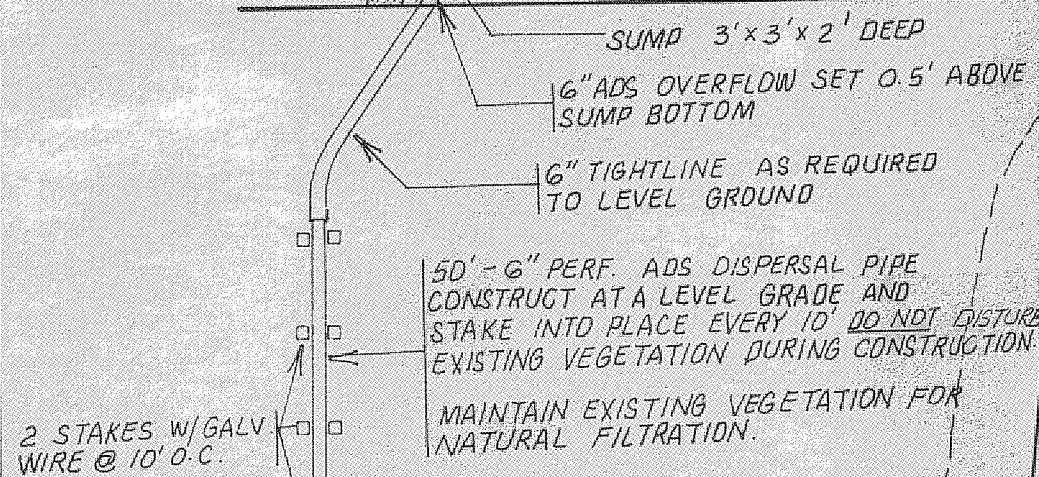
| NO | DATE    | REVISION  | APPROVED BY    | DESIGNED       | APPROVED       |
|----|---------|---|----------------|----------------|----------------|
| 0  | 8-21-84 | ADDED EXTRUDED CURB; 2 CURB INLETS; 3" AND 12" DRAINS. (SEE NOTE ①) | Earl E. Flatum | O. L. ANDERSON | M. A. ANDERSON |
|    |         |   |                | D. B. ASIS     | JULY 1983      |
|    |         |   |                | O. L. ANDERSON | AS SHOWN       |

**ma & a Myron Anderson & Associates**  
 11831 SE. 32ND STREET BELLEVUE, WASHINGTON 98005 (206) 747-3117

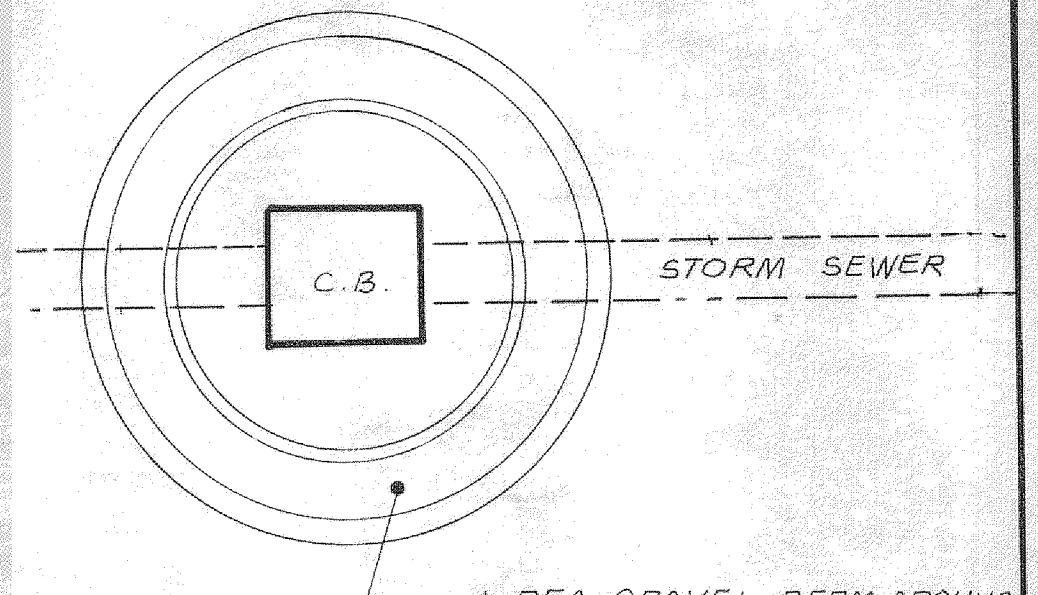
EARL E. FLATUM  
 PLAT OF TLINGIT ADDITION ROADWAY and DRAINAGE PLANS  
 DETAIL SHEET  
 PROJECT NO. 83001  
 SHT 3 OF 4 SHTS

P564.8

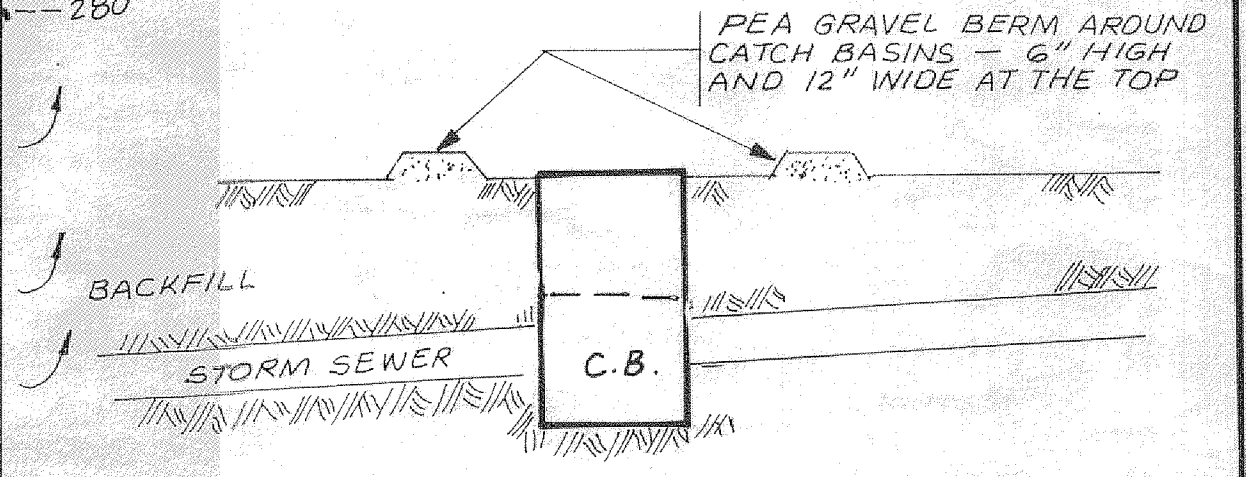
NW 1/4, NE 1/4, SECTION 32, TWP 25 N, RGE 6 E, W.M.



CROSS - BERM DETAIL  
W SUMP & DISPERSAL PIPE  
NO SCALE



PLAN - SEDIMENT CONTROL BERM  
SCALE: 1" = 4'



PROFILE - SEDIMENT CONTROL BERM  
SCALE: 1" = 4'

- CONSTRUCTION SEQUENCE**
1. CLEAR AND GRADE ROADWAYS & INSTALL CROSS BERMS.
  2. PROTECT EMBANKMENTS ACCORDING TO NOTE NO. 5.
  3. CONSTRUCT DETENTION FACILITIES AND STORM SEWERS.
  4. PROTECT STORM SEWER EASEMENT ACCORDING TO NOTE NO. 5.
  5. CONSTRUCT PEA GRAVEL BERM AROUND ALL CATCH BASINS AND CURB INLETS FROM STA 6+80 ONWARD.
  6. ALLOW TIME FOR INSTALLATION OF UNDERGROUND UTILITIES BY OTHERS (WATER, POWER, GAS, TELEPHONE AND CATV).
  7. CONSTRUCT CURBS, SIDEWALK AND PAVE THE STREETS.

**EROSION / SEDIMENTATION CONTROL NOTES**

1. All limits of clearing and areas of vegetation preservation as prescribed on the plan shall be clearly flagged in the field and observed during construction.
2. All required sedimentation/erosion control facilities must be constructed and in operation prior to land clearing and/or construction to insure that sediment laden water does not enter the natural drainage system. All erosion and sediment facilities shall be maintained in a satisfactory condition until such time that clearing and/or construction is completed and potential for onsite erosion has passed. The implementation, maintenance, replacement and additions to erosion/sedimentation control system shall be the responsibility of the permittee.
3. The erosion and sedimentation control systems 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 and sedimentation control facilities will be necessary to insure complete siltation control on the proposed 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, as may be needed to protect adjacent properties and water quality of the receiving drainage system.
4. Approval of this plan is for erosion/sedimentation control only. It does not constitute an approval of storm drainage design, size nor location of pipes, restrictors, channels or retention facilities.
5. In any area which has been stripped of vegetation and where no further work is anticipated for a period of 30 days or more, all disturbed areas must be immediately stabilized with mulching, grass planting 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 thru September inclusive. Seeding may proceed, whenever it is in the interest of the permittee, but must be augmented with mulching, netting, or other treatment approved by King County Surface Water Management, outside the specified time period.
6. If any erosion/sedimentation control ponds are used where the dead storage depth exceeds 6 inches, a fence, a minimum of 3 feet high, is required.

OCT 25, 1983  
D. B. ASIS P.E.

| NO | DATE | REVISION | APPROVED BY | DESIGNED       | APPROVED       | PROJECT NO.         |  |
|----|------|----------|-------------|----------------|----------------|---------------------|--|
|    |      |          |             | O. L. ANDERSON | M. A. ANDERSON | 83001               |  |
|    |      |          |             | D. B. ASIS     | JULY 1983      | SHEET 4 OF 4 SHEETS |  |
|    |      |          |             | O. L. ANDERSON | 1" = 50'       | P5-66-B             |  |

**Myron Anderson & Associates**

11831 S.E. 32ND STREET BELLEVUE, WASHINGTON 98005 (206) 747-3117

EARL E. FLATUM

PLAT OF TILINGIT ADDITION  
EROSION & SEDEMENTATION CONTROL PLAN