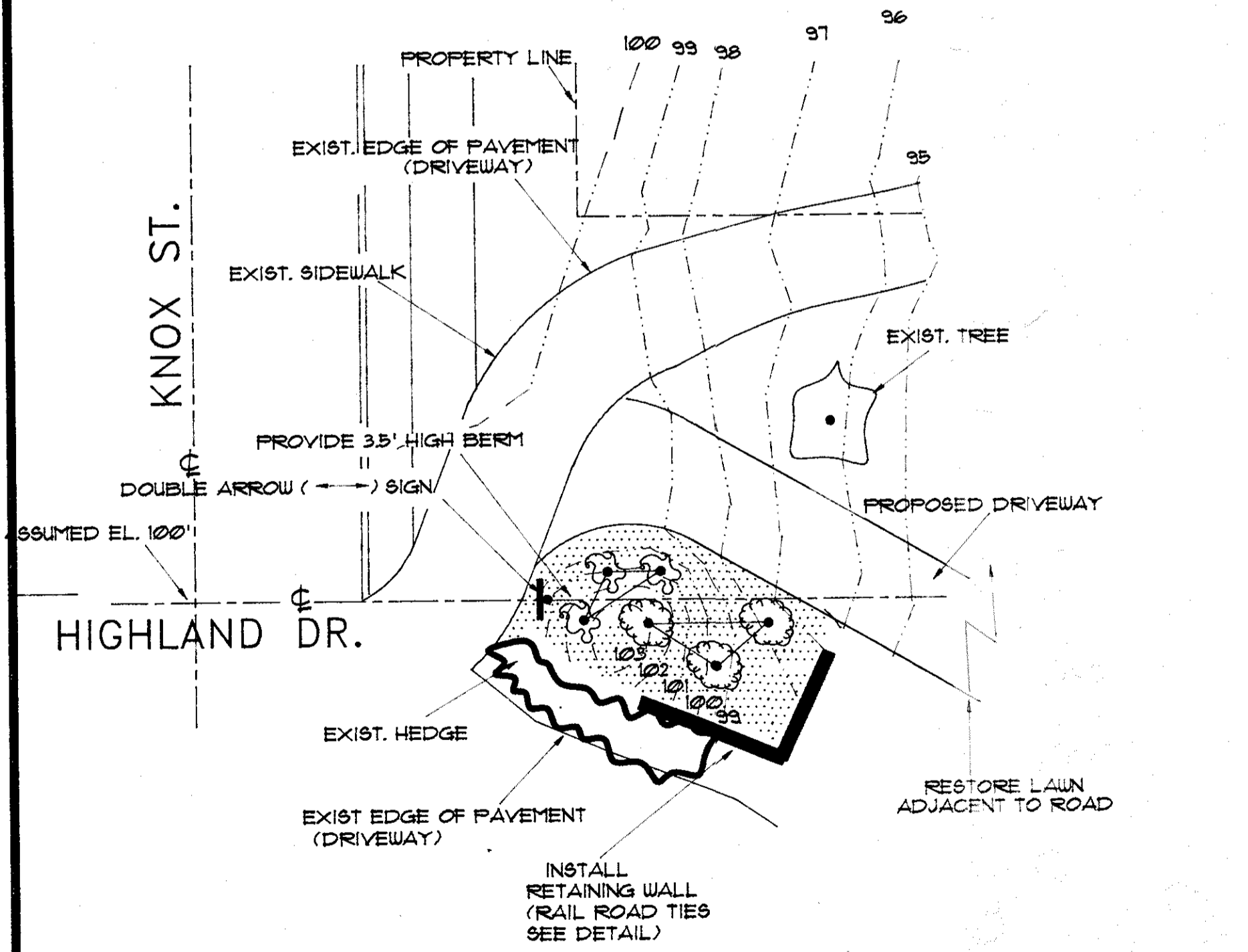


PLAN VIEW

SCALE: 1" = 20'



LANDSCAPE PLAN

SCALE: 1" = 10'

ROAD CENTERLINE & CURVE TABLES

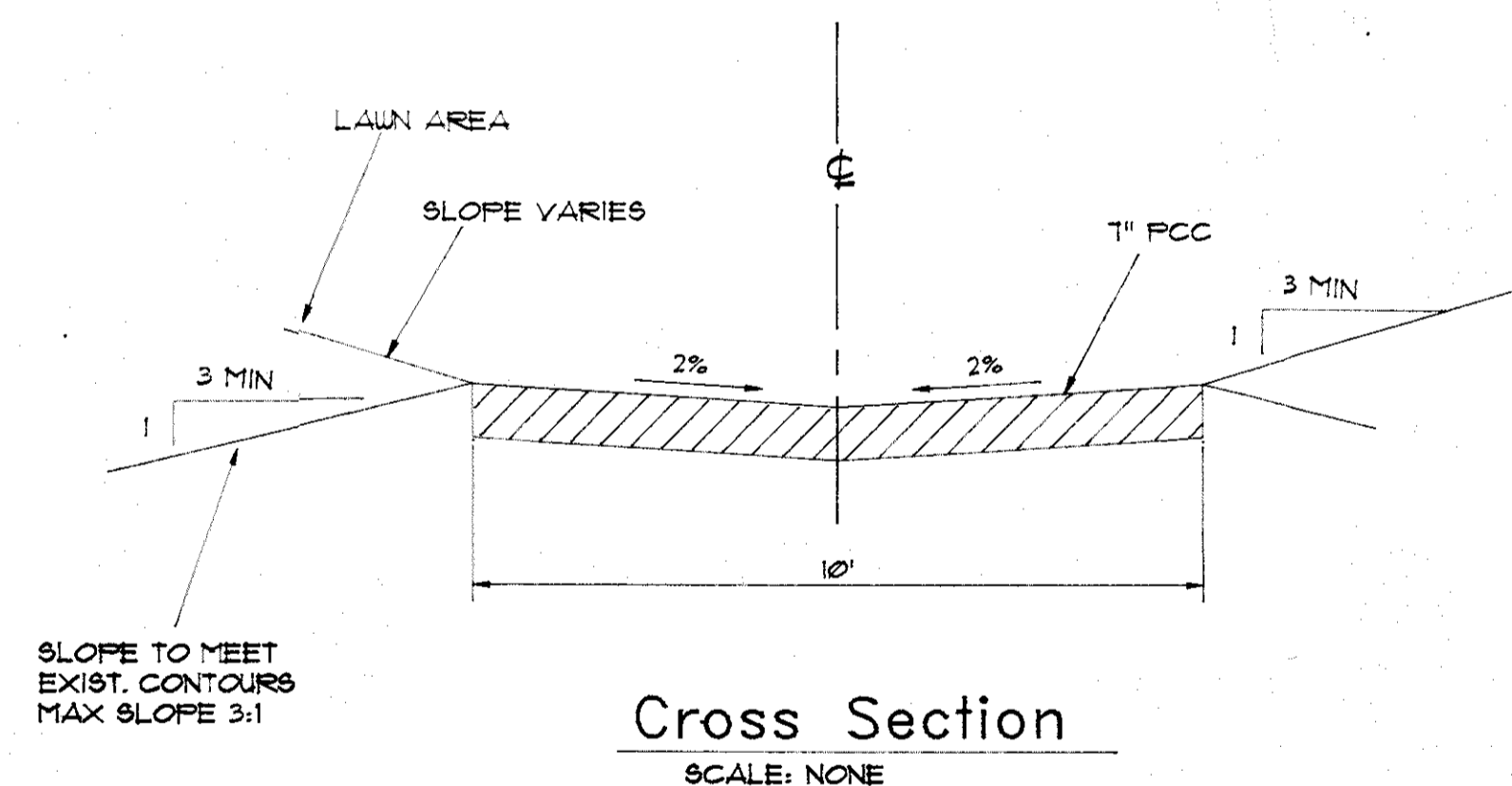
| Line | Length | Bearing |
|------|--------|---------------|
| L1 | 20.4' | S |
| L2 | 5.58' | S 68°47'45" E |
| L3 | 25.58' | S 29°49'55" W |
| L4 | 24.43' | S 0°23'49" E |
| L5 | 28.32' | S 23°45'31" E |
| L6 | 45.86' | S 44°4'28" W |

| Curve | Delta | Radius | Length | Tangent |
|-------|-----------|--------|--------|---------|
| C1 | 98°37'39" | 10.0' | 17.21' | 11.63' |
| C2 | 30°13'44" | 25.0' | 13.19' | 6.75' |
| C3 | 23°21'42" | 25.0' | 10.19' | 5.17' |
| C4 | 67°49'59" | 30.0' | 35.52' | 20.17' |

TOTAL LENGTH = 226.28'

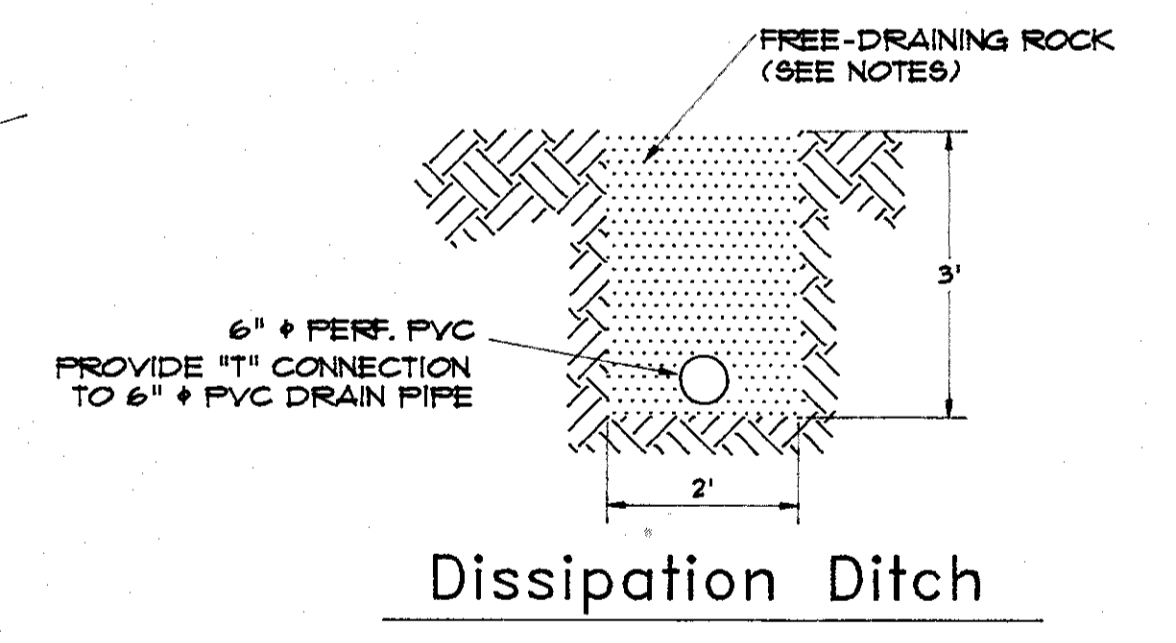
PLANT LEGEND

| | | |
|--|-------------------------|------------------------|
| | EXISTING TREE | |
| | PROPOSED TREE | STEWART GARDEN CYPRESS |
| | SEQUIOIDENDRON GIGANTUM | ALASKA YELLOW CEDAR |
| | AZALEAS | HINOI FALSE CYPRESS |
| | VINCA MAJOR | |



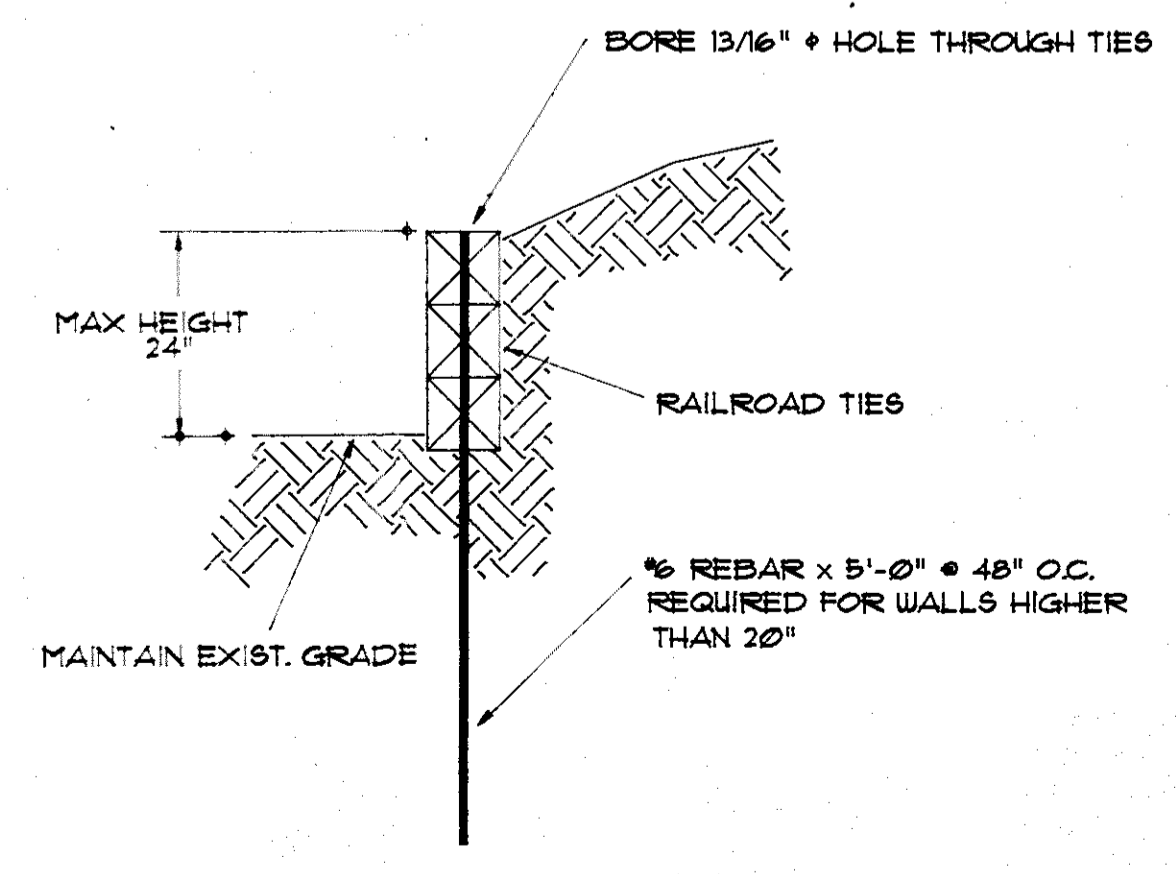
Cross Section

SCALE: NONE



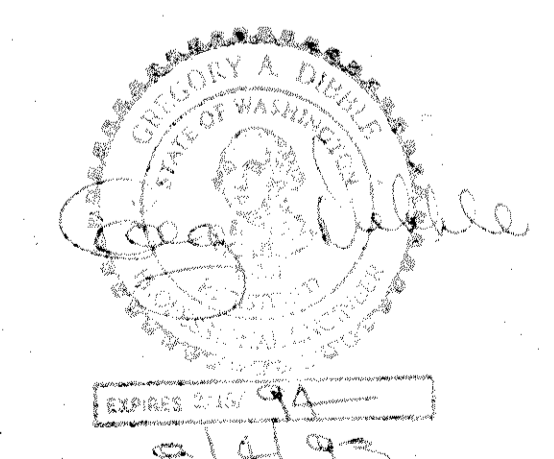
Dissipation Ditch

SCALE: 1" = 2'



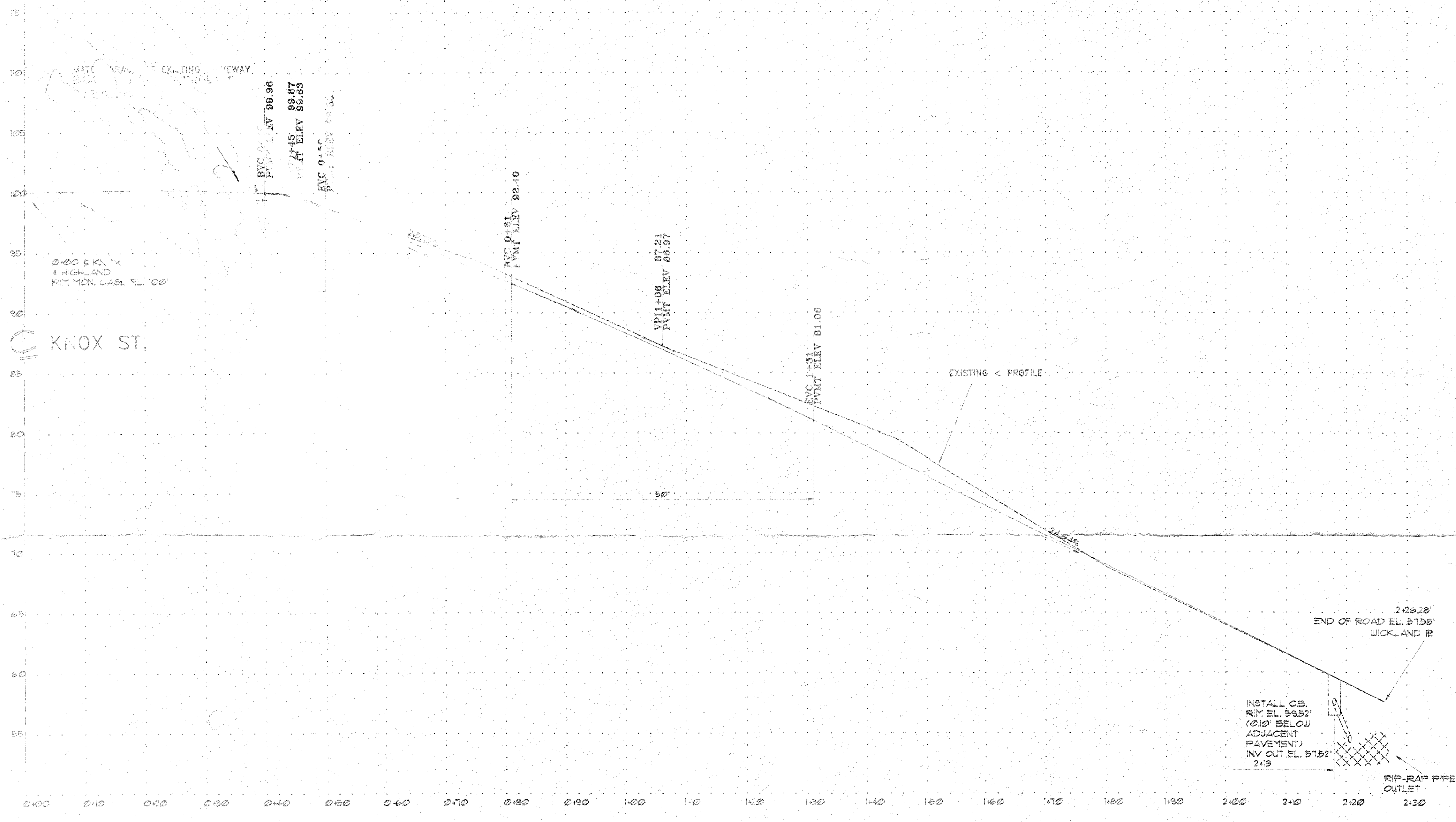
RETAINING WALL DETAIL

SCALE: NONE



GREG DIBBLE & ASSOC.
CONSULTING ENGINEERS
100 CENTRAL AVE. 734-1288
BELLINGHAM, WA 98225

| | | |
|-------------------------------------|--------------|----------------------------|
| Scott Wicklund | | |
| SCALE: 1" = 20' | APPROVED BY: | DRAWN BY: J.R.S. |
| DATE: 08/03/93 | | REVISED: |
| DRIVEWAY & DRAINAGE PLAN | | |
| 1115 18-th St. | | DRAWING NUMBER 93-187-1 |



PROPOSED DRIVEWAY
CENTER LINE PROFILE

SCALE: HORIZ 1" = 10'
VERT 1" = 5'

GENERAL NOTES

- All work and materials shall be done in accordance with 1991 Standard Specifications for Road, Bridge and Municipal Construction by Washington State Department of Transportation and Standard Plans and Specifications provided by the City of Bellingham. All work shall be subject to approval of the City Engineer.
- Contractor shall obtain a Public Work Project Permit prior to the commencement of construction. Contractor shall schedule a construction conference prior to beginning work and shall contact the Office of the City Engineer 24 hours prior to commencing work in the City right of way.
- Contractor shall restore all public and private property disrupted by the project.
- Contractor shall submit a list of item costs to the City Engineer covering all costs of construction and submit a one year maintenance bond covering defects in materials and workmanship prior to City acceptance of the project.
- Contractor shall inform the Engineer of any proposed changes in plan prior to construction of that change. Contractor shall keep record of deviations and forward to Engineer. Engineer will provide City with a certified As-Built mylar at the completion of the street and utility improvements.
- Contractor shall contact Utilities Coordinating 48 hours in advance of construction (1-800-424-5555).
- All tree and organic overburden will be removed prior to placing subgrade embankment.
- All subgrade embankment and trench backfill including sanitary sewer lines, side sewers, water mains, water services, storm drains and backfill surrounding catch basins shall be Engineer approved material compacted to a minimum of 95 percent of maximum density as determined by a Modified Proctor Test (ASTM D1559).
- A bond in the amount determined by the city (but not less than 150% of the project cost) shall be submitted prior to beginning construction. A one-year maintenance bond, in an amount to be determined by the City (but not less than 25% of the project cost), shall be submitted prior to acceptance of the project.

STREET AND STORM DRAIN SPECIFICATIONS

- Stripped organic material and excess excavation shall become the property of the Contractor and shall be disposed of at the contractor's expense off site, or as directed by the owner.
- All cut and backfill slopes shall be seeded with grass and fertilized for erosion control. Contractor shall be responsible for slope erosion until vegetation is firmly established.
- Contractor shall institute practices for prevention of erosion during construction as outlined in "Waste Disposal & Erosion / Sedimentation Control Methods" published by the Associated General Contractors of Washington.
- Grading and subgrade preparation shall meet the requirements of Section 2 of the Standard Specifications.
- Subgrade must be certified in writing by developer's engineer prior to paving.
- Storm pipe shall be PVC D3034 or equal with rubber gasket joints. Bedding shall be free draining pea-gravel for a minimum of 6" above and below pipe.
- Catch basins shall be Type 1 precast concrete. Grates shall be according to DOT Plan B-2A.
- Portland Cement Concrete pavement shall meet the requirements of Drawing ST-19, City of Bellingham Public Works, Development Guidelines. This item will include material, longitudinal and transverse joint details and joint spacing, as well as concrete properties specifications (but does not include the driveway cross-section, which is to be constructed as per this plan).
- Drain rock shall be 1/4" to 2" in size, well graded, washed, bank run gravel.



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| | | |
|------------------------------------|--------------|------------------|
| Scott Wicklund | | |
| SCALE: 1" = 10' | APPROVED BY: | DRAWN BY: J.R.S. |
| DATE: 08/03/03 | REVISIONS: | |
| DRIVEWAY CENTERLINE PROFILE | | |
| 1115 18-th St. | | |