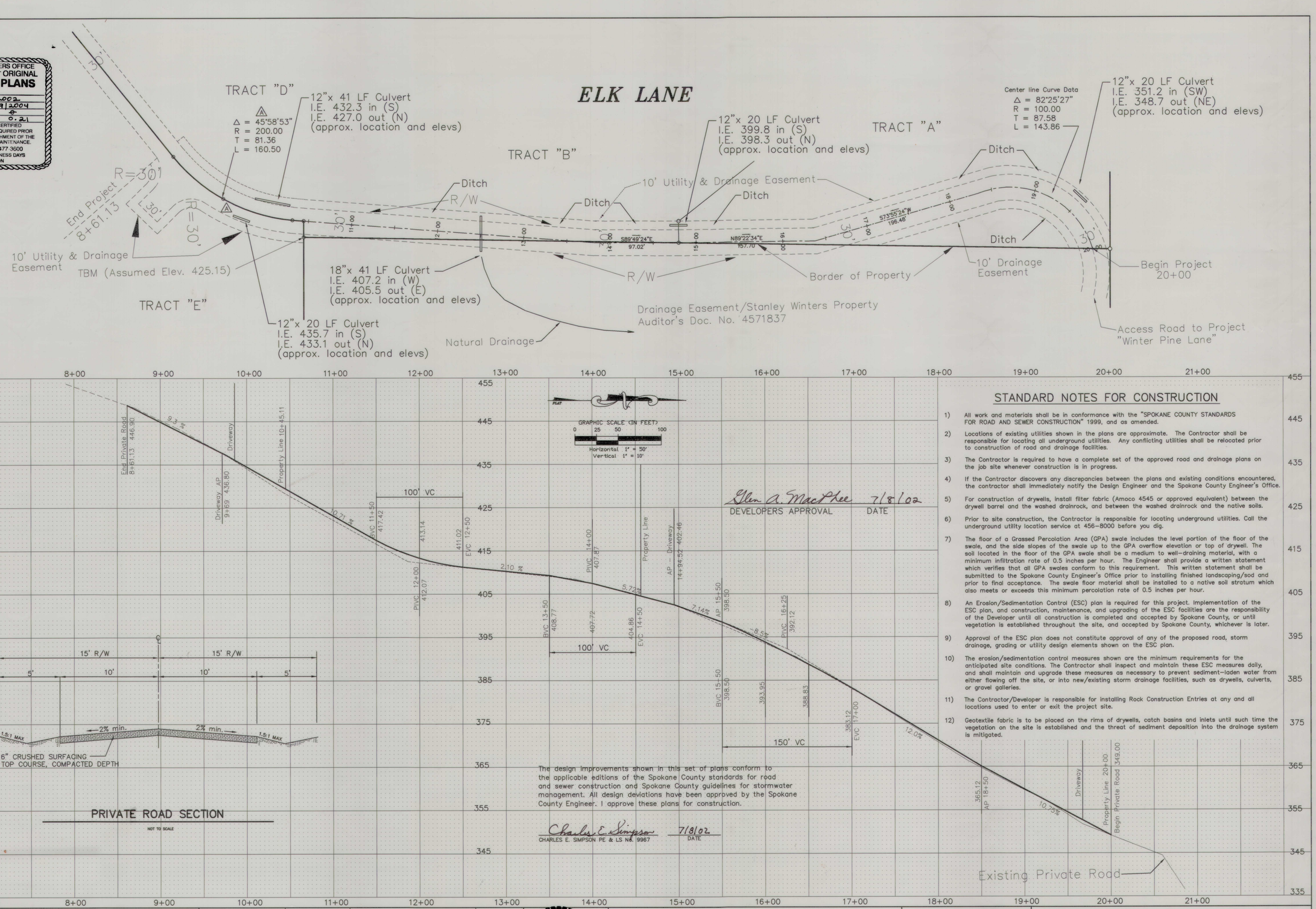
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
**CONSTRUCTION PLANS**
PROJECT #: P1879
DATE ACCEPTED: 7/9/2002
ACCEPTANCE EXPIRES: 7/9/2004
PROJECT LANE MILES PUBLIC: 0
PROJECT LANE MILES PRIVATE: 0.21
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION







Glen A. MacPhee 7/8/02
DEVELOPERS APPROVAL DATE




PRIVATE ROAD SECTION
NOT TO SCALE

The design improvements shown in this set of plans conform to the applicable editions of the Spokane County standards for road and sewer construction and Spokane County guidelines for stormwater management. All design deviations have been approved by the Spokane County Engineer. I approve these plans for construction.

Charles E. Simpson 7/8/02
CHARLES E. SIMPSON PE & LS No. 9967 DATE

## STANDARD NOTES FOR CONSTRUCTION

1) All work and materials shall be in conformance with the "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" 1999, and as amended.

2) Locations of existing utilities shown in the plans are approximate. The Contractor shall be responsible for locating all underground utilities. Any conflicting utilities shall be relocated prior to construction of road and drainage facilities.

3) The Contractor is required to have a complete set of the approved road and drainage plans on the job site whenever construction is in progress.

4) If the Contractor discovers any discrepancies between the plans and existing conditions encountered, the contractor shall immediately notify the Design Engineer and the Spokane County Engineer's Office.

5) For construction of drywells, install filter fabric (Amoco 4545 or approved equivalent) between the drywell barrel and the washed drainrock, and between the washed drainrock and the native soils.

6) Prior to site construction, the Contractor is responsible for locating underground utilities. Call the underground utility location service at 456-8000 before you dig.

7) The floor of a Grassed Percolation Area (GPA) swale includes the level portion of the floor of the swale, and the side slopes of the swale up to the GPA overflow elevation or top of drywell. The soil located in the floor of the GPA swale shall be a medium to well-draining material, with a minimum infiltration rate of 0.5 inches per hour. The Engineer shall provide a written statement which verifies that all GPA swales conform to this requirement. This written statement shall be submitted to the Spokane County Engineer's Office prior to installing finished landscaping/sod and prior to final acceptance. The swale floor material shall be installed to a native soil stratum which also meets or exceeds this minimum percolation rate of 0.5 inches per hour.

8) An Erosion/Sedimentation Control (ESC) plan is required for this project. Implementation of the ESC plan, and construction, maintenance, and upgrading of the ESC facilities are the responsibility of the Developer until all construction is completed and accepted by Spokane County, or until vegetation is established throughout the site, and accepted by Spokane County, whichever is later.

9) Approval of the ESC plan does not constitute approval of any of the proposed road, storm drainage, grading or utility design elements shown on the ESC plan.

10) The erosion/sedimentation control measures shown are the minimum requirements for the anticipated site conditions. The Contractor shall inspect and maintain these ESC measures daily, and shall maintain and upgrade these measures as necessary to prevent sediment-laden water from either flowing off the site, or into new/existing storm drainage facilities, such as drywells, culverts, or gravel galleries.

11) The Contractor/Developer is responsible for installing Rock Construction Entries at any and all locations used to enter or exit the project site.

12) Geotextile fabric is to be placed on the rims of drywells, catch basins and inlets until such time the vegetation on the site is established and the threat of sediment deposition into the drainage system is mitigated.

| BY | DATE | REVISIONS / AS BUILT |
|---|---|---|
| DHC | 3/29/2002 | AS-CONSTRUCTED CULVERTS |

| DATUM | SCALE | | DATE |
|---|---|---|---|
| TBM NO. | HORIZONTAL 1"=50' | DRAWN DMH | 7/08/2002 |
| ELEVATION | VERTICAL 1"=10' | CHECKED CES | 7/08/2002 |
| LOCATION | | APPROVED CES | 7/08/2002 |

CHARLES E. SIMPSON STATE OF WASHINGTON 9967 REGISTERED PROFESSIONAL ENGINEER 7/8/02 EXPIRES 7/17/03


Founded 1946
Simpson Engineers, Inc.
CIVIL ENGINEERS & LAND SURVEYORS
N. 909 ARGONNE ROAD, SPOKANE WA., 99212-2789
PHONE (509) 926-1322 FAX (509) 926-1323


TYPE OF IMPROVEMENT: PRIVATE ROAD

| PROJECT NUMBER | SHEET NUMBER |
|---|---|
| 13987 | 1 OF 1 |

# ELK RIDGE

**PLAN-PROFILE: PRIVATE ROAD**
**THE SE 1/4 OF SEC.15, T26N, R45 EWM**
**SPOKANE COUNTY, WASHINGTON**

P1879-PP-LTIP

P1879 Eng Road & Drainage

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