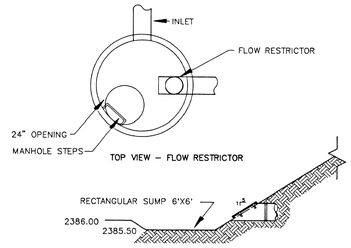
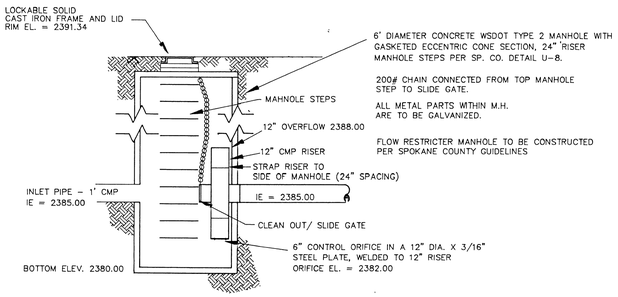
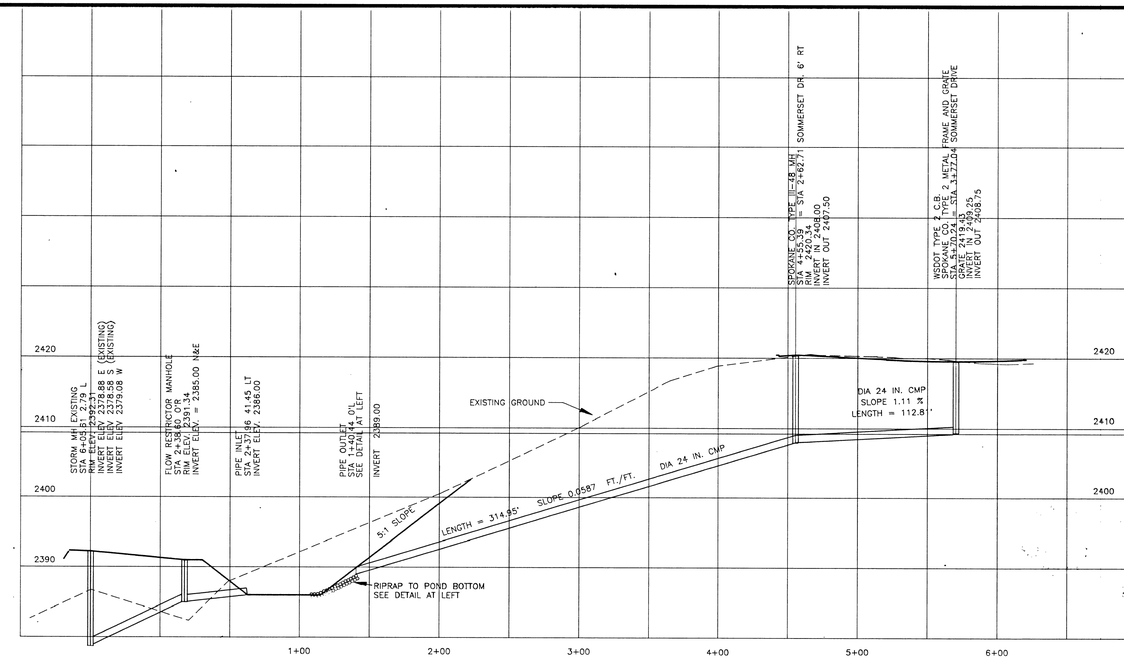


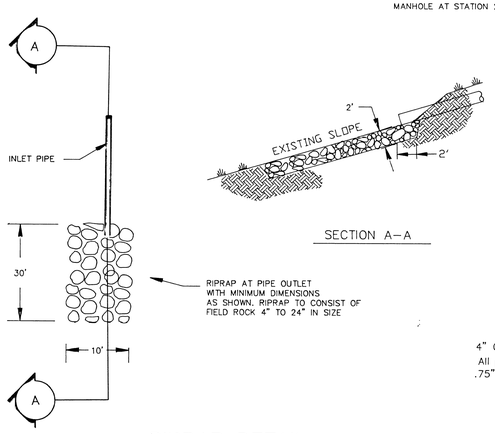
POND INLET / SUMP DETAIL



FLOW RESTRICTOR M.H.

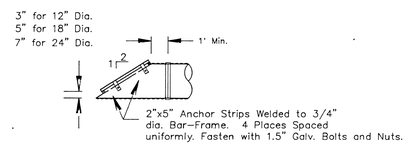
MANHOLE AT STATION 28+33.44 9'L NORTHWOOD DRIVE



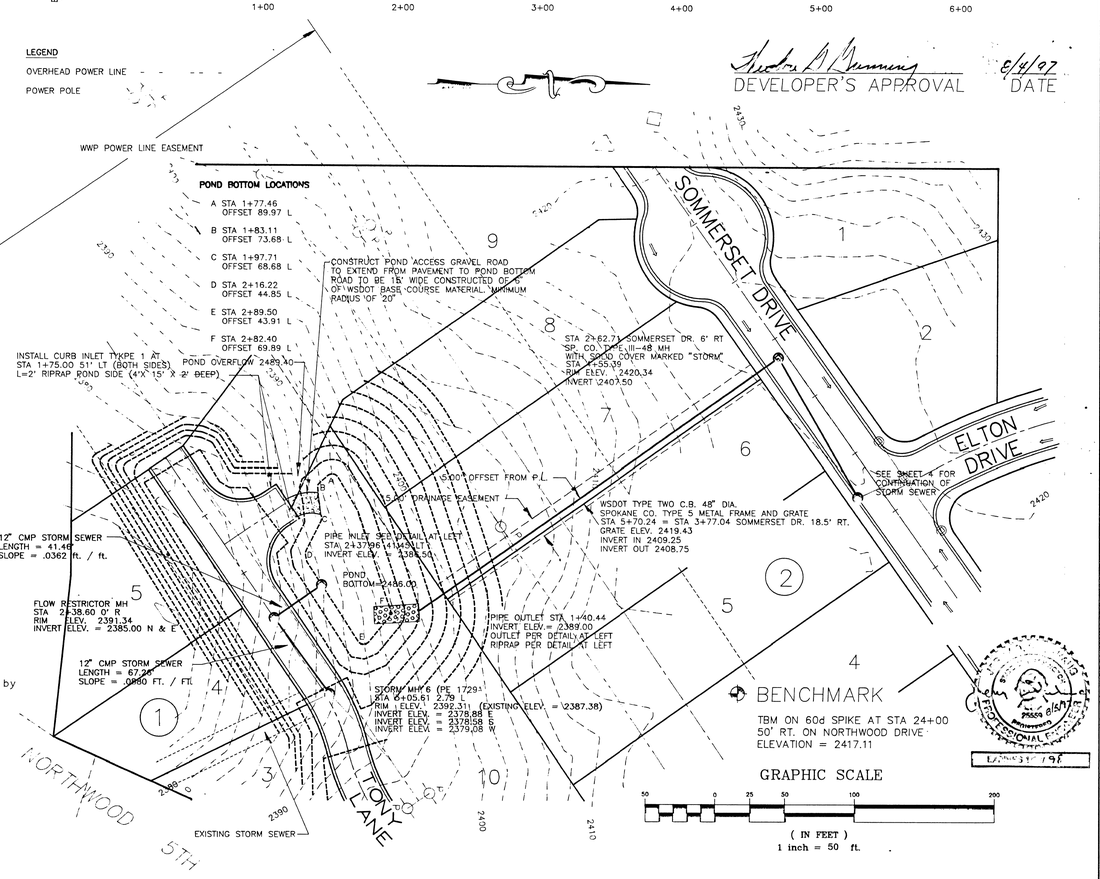


RIPRAP DETAIL

SECTION A–A



PIPE INLET AND OUTLET



DEVELOPER'S APPROVAL 6/4/97 DATE

1. All items of construction shall be completed within the "1991 Standard Specifications for Road, Bridge, and Municipal Construction as promulgated by the Washington State Department of Transportation" and the "Spokane County Standards for Road and Sewer Construction 1992", and as amended.

2. Locations of existing utilities shown on these 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 the construction is in progress.

4. 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.

5. 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.

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. Refer to detail-sheet 5 of 5 for embankment specifications under Meadow Lane.

CONSTRUCTION SPECIFICATIONS

Provide fresh, clean new crop seed complying with tolerance for purity and germination established by Official Seed Analysts of North America. Provide seed mixture composed of grass species and percentages as follows:

20 percent Elka Perennial Rye

20 percent Durar Hard Fescue

45 percent Covar Sheep/Fescue

15 percent reubens Canadian Bluegrass

Provide mixture composed of grass seed and fertilizer in percentages as follows:

Grass seed mixture: 90 lb.s per acre
Fertilizer: 16:16:16 timed release composition, 300 lbs. per acre

All seeding of slopes shall be done in accordance with WSDOT Standard Specifications

Contractor shall irrigate seeded areas until seed has germinated and has been accepted by Spokane County.

SEEDING SPECIFICATIONS

svstree.3DWG

CALL BEFORE YOU DIG 456–8000

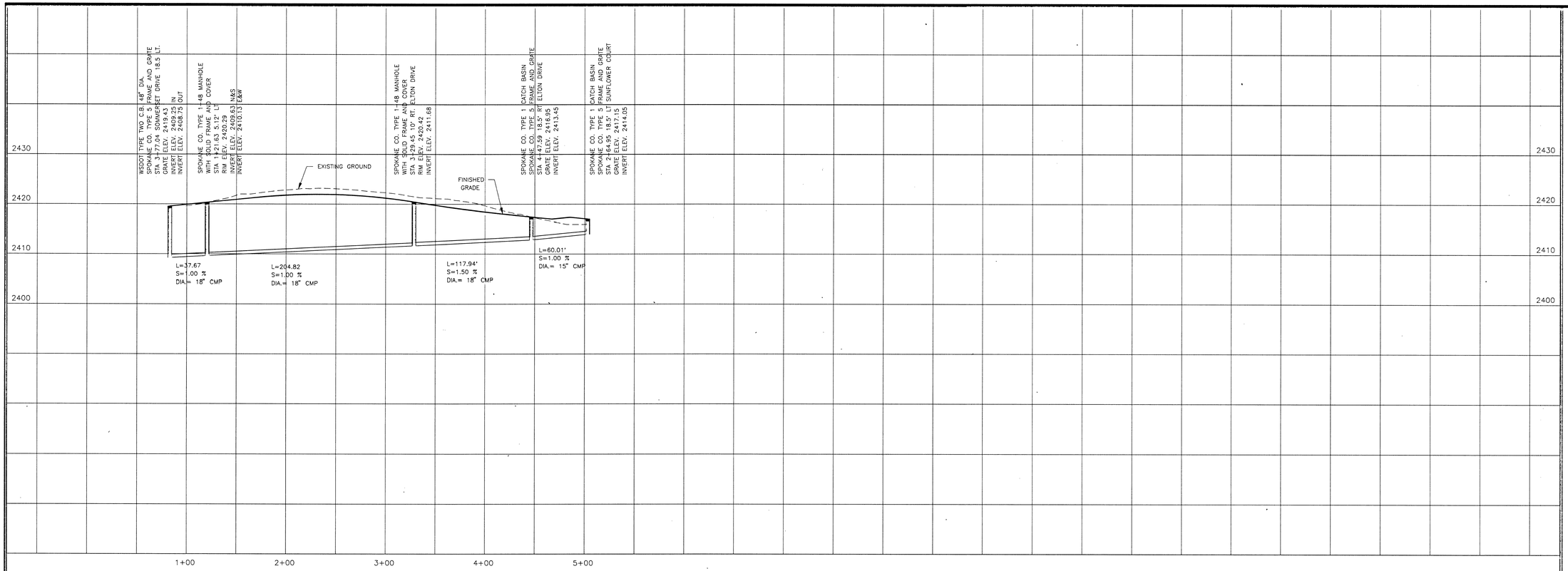
STORHAUG ENGINEERING
E. 9616 MONTGOMERY
SPOKANE, WA 99206
(509) 924–8052

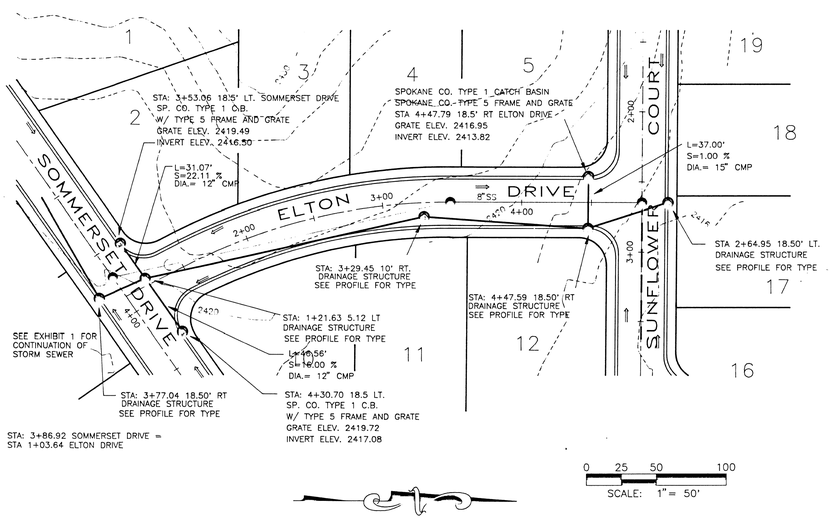
DRAWN BY: JS
CHECKED BY: JS
DATE: 03/12/97
SCALE: AS SHOWN

SOMMERSET VISTA STORM SEWER AND DETENTION POND

SHEET 3 OF 5

STREET





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CONSTRUCTION SPECIFICATIONS

BENCHMARK
ELEVATION = 2417.11
TBM ON 60d SPIKE AT STA. 24+00
50' RT. ON NORTHWOOD DRIVE

8/4/97

CALL BEFORE YOU DIG 456-8000

SYSTREE4.DWG

STORHAUG ENGINEERING
E. 9616 MONTGOMERY
SPOKANE, WA 99206
(509) 924-8052

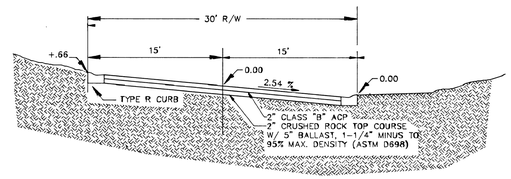
DRAWN BY: JS
CHECKED BY: JS
DATE: 03/12/97
SCALE: AS SHOWN

SOMMERSET VISTA STORM SEWER AND DETENTION POND

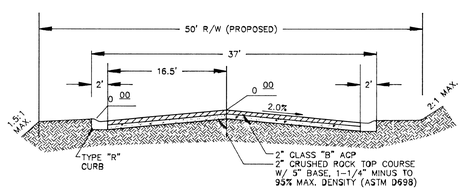
SHEET 4 OF 5
STREET

Vegetation and topsoil shall be stripped to a depth of 3 inches in the areas where embankment is to be placed. Surfaces to receive fill should be compacted to at least 90 % of the maximum dry density. Embankment lifts shall be kept to a depth of 12 or less with compaction to be completed with a grid smooth drum vibratory roller. Maximum density and optimum moisture contents should be determined for fill material with less than 30 percent retained on the 3/4 inch sieve in accordance with the Modified Proctor (ASTM D-1557-91). Coarser fills should be placed under the direction of a registered civil engineer. Random compaction testing of the fill should be completed by a qualified soils technician. At a minimum compaction testing should be completed for every one foot of embankment fill during the construction of the embankment.

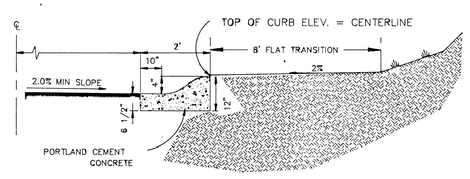
TONY LANE EMBANKMENT SPECIFICATIONS



TONY LANE



SOMMERSET & ELTON DRIVE, SUNFLOWER COURT



CURB DETAIL

CALL BEFORE YOU DIG 456-8000

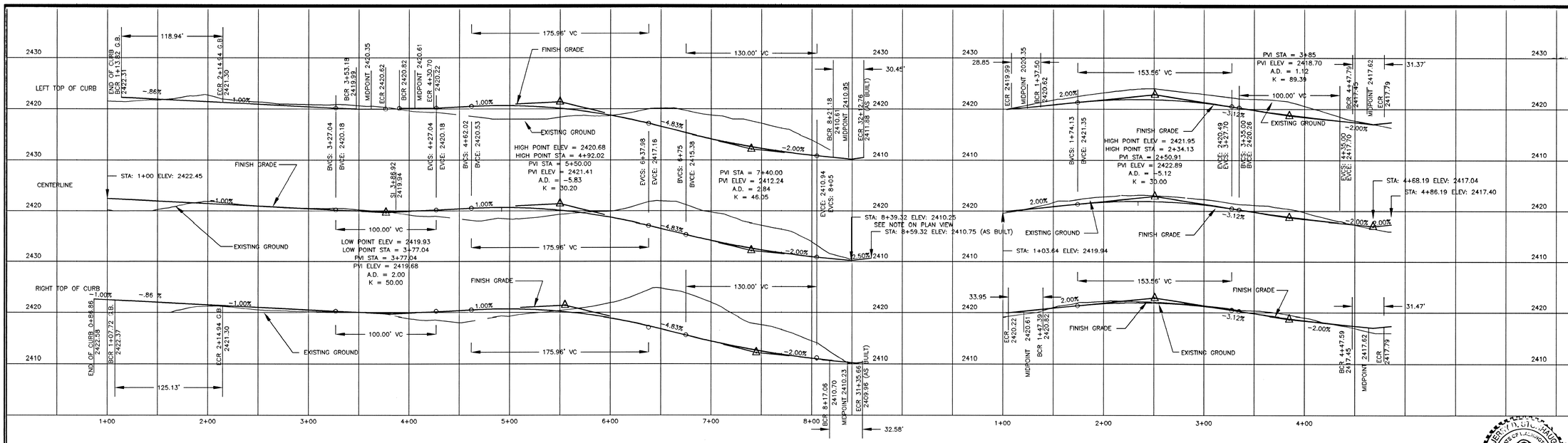
SVSTREES.DWG

STORHAUG ENGINEERING
E. 9616 MONTGOMERY
SPOKANE, WA 99206
(509) 924-8052

DRAWN BY: JS
CHECKED BY: JS
DATE: 03/12/97
SCALE: AS SHOWN

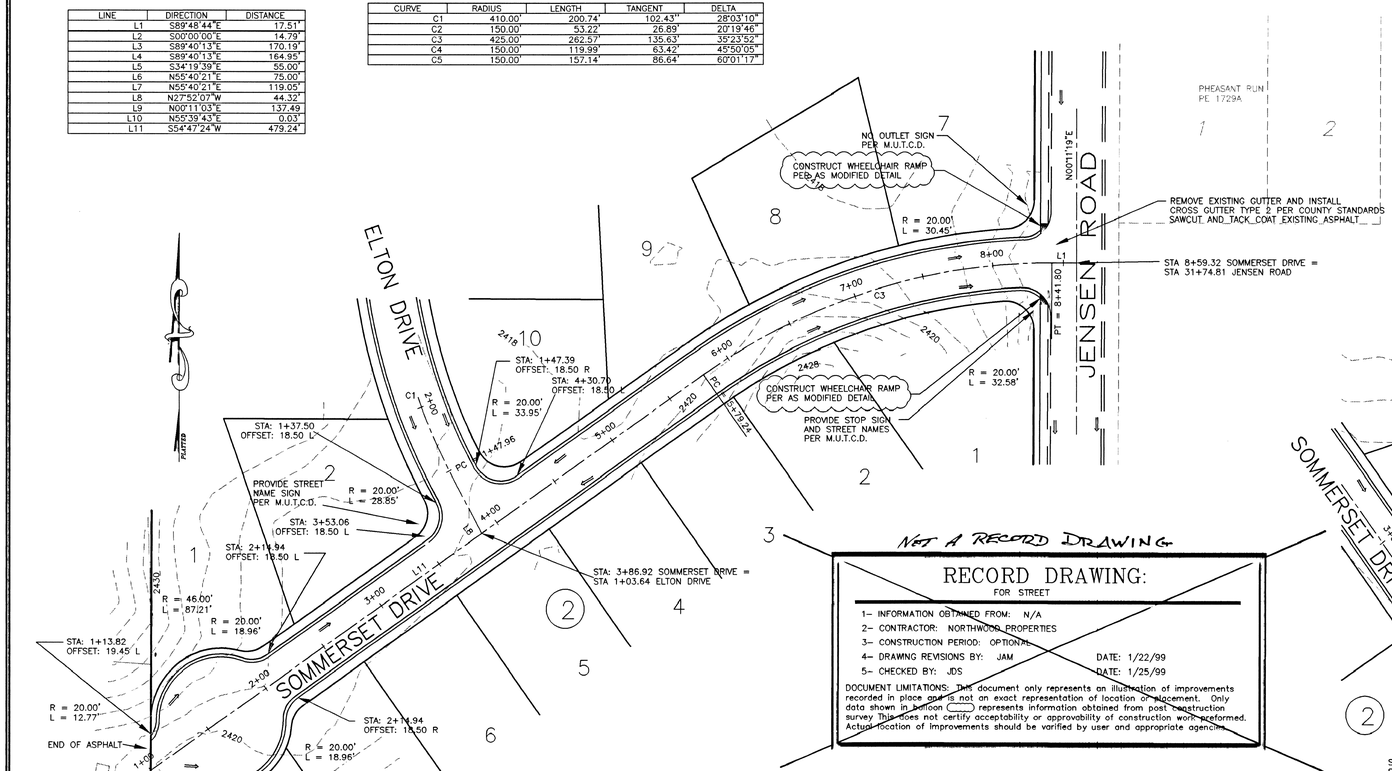
SOMMERSET VISTA
TYPICAL SECTIONS

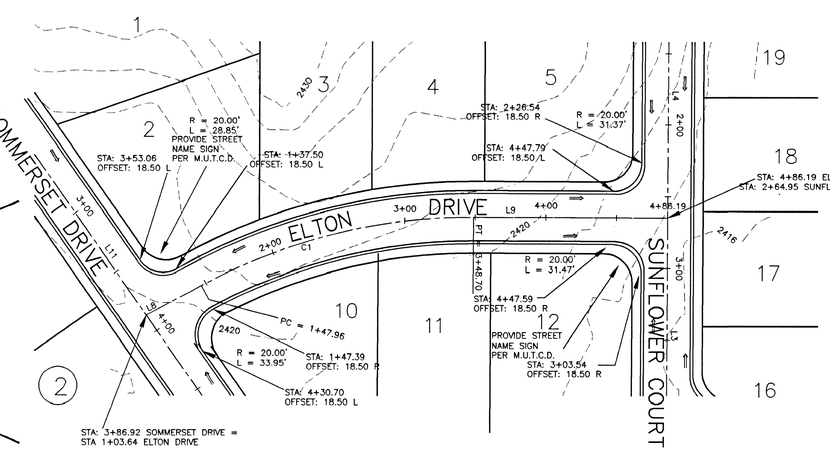
SHEET
5 OF 5
STREET



LINE	DIRECTION	DISTANCE
L1	S89°48'44"E	17.51'
L2	S00°00'00"E	14.79'
L3	S89°40'13"E	170.19'
L4	S89°40'13"E	164.95'
L5	S34°19'39"E	55.00'
L6	N55°40'21"E	75.00'
L7	N55°40'21"E	119.05'
L8	N27°52'07"W	44.32'
L9	N00°11'03"E	137.49
L10	N55°39'43"E	0.03'
L11	S54°47'24"W	479.24'

CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	410.00'	200.74'	102.43"	28°03'10"
C2	150.00'	53.22'	26.89'	20°19'46"
C3	425.00'	262.57'	135.63'	35°23'52"
C4	150.00'	119.99'	63.42'	45°50'05"
C5	150.00'	157.14'	86.64'	60°01'17"





Not A RECORD DRAWING

RECORD DRAWING:

FOR STREET

1– INFORMATION OBTAINED FROM: N/A
2– CONTRACTOR: NORTHWOOD PROPERTIES
3– CONSTRUCTION PERIOD: OPTIONAL
4– DRAWING REVISIONS BY: JAM DATE: 1/22/99
5– CHECKED BY: JDS DATE: 1/25/99

DOCUMENT LIMITATIONS: This document only represents an illustration of improvements recorded in place and is not an exact representation of location or placement. Only data shown in balloon ( ) represents information obtained from post construction survey. This does not certify acceptability or approvability of construction work performed. Actual location of improvements should be varified by user and appropriate agencies.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

BENCHMARK

TBM ON 60d SPIKE AT STA 24+00
50' RT. ON NORTHWOOD DRIVE
ELEVATION = 2417.11

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7. Curb data is to back of curb dimension.

8. All signage must conform to Manual of Uniform Trafic Control Standards (M.U.T.C.D.).

BERTON D. STORHAUG
STATE OF WASHINGTON
25559
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 1/23/

APPROVED FOR CONSTRUCTION
SPOKANE COUNTY ENG.
BY Douglas W. Bowers P.E.
1.28.99

PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

Gary Gunning
DEVELOPER'S APPROVAL

1/27/99
DATE

CALL BEFORE YOU DIG 456–8000

1771 Rev.

STORHAUG ENGINEERING
E. 9616 MONTGOMERY
SPOKANE, WA 99206
(509) 924–8052

DRAWN BY: JS
CHECKED BY: JS
DATE: 1/22/99
SCALE: AS SHOWN

SOMMERSET VISTA – SUNFLOWER DRIVE AND ELTON DRIVE STREET PLAN AND PROFILE

SHEET 1 OF 5
STREET

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svstreetDWG