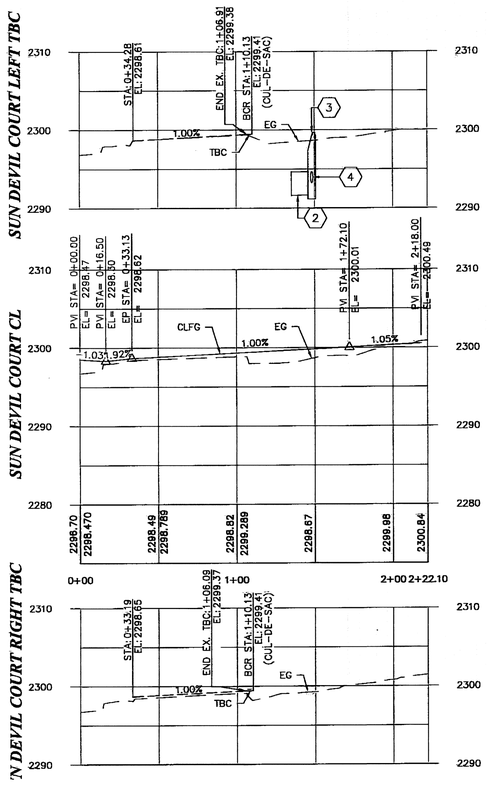
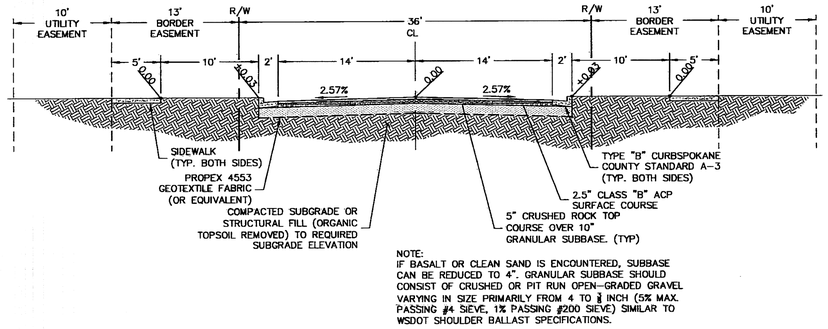
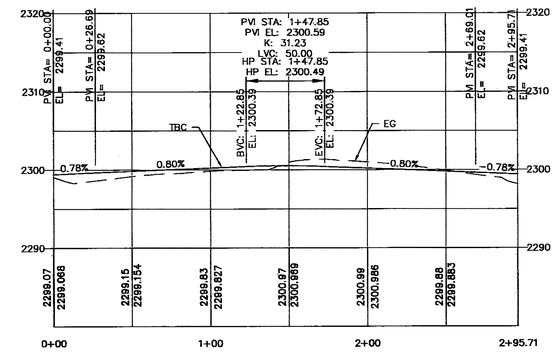




NOTE:
IF BASALT OR CLEAN SAND IS ENCOUNTERED, SUBBASE CAN BE REDUCED TO 4". GRANULAR SUBBASE SHOULD CONSIST OF CRUSHED OR PIT RUN OPEN-GRADED GRAVEL VARYING IN SIZE PRIMARILY FROM 4 TO ¾ INCH (5% MAX. PASSING #4 SIEVE, 1% PASSING #200 SIEVE) SIMILAR TO WSDOT SHOULDER BALLAST SPECIFICATIONS.

SUN DEVIL CT. CROSS SECTION

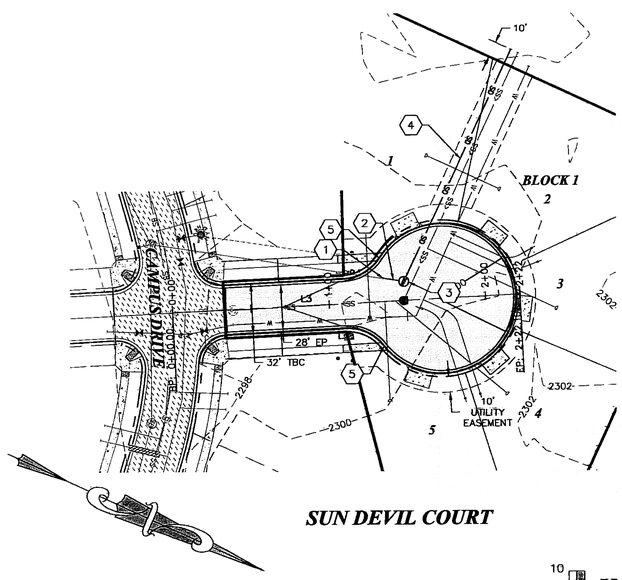
N.T.S.



CUL-DE-SAC TBC PROFILE

KEYED NOTES

1. END OF EXISTING 36" CPE
   IE: 2291.57
2. EXTEND 36" CPE, L=13', S=0.50%
3. WSDOT CATCH BASIN, TYPE 2 (48") W/ SOLID LID
   STA: 1+48.31 12.06' L
   RIM: 2299.64
   IE (S): 2291.66
   IE (W): 2293.16
4. 18" CPE, L=163±, S=2%
   (EXTEND TO 10' PAST PROPERTY LINE)
   IE: 2296.42
5. INSTALL WSDOT SIDEWALK RAMP TYPE 4B AT SIDEWALK ENDS.



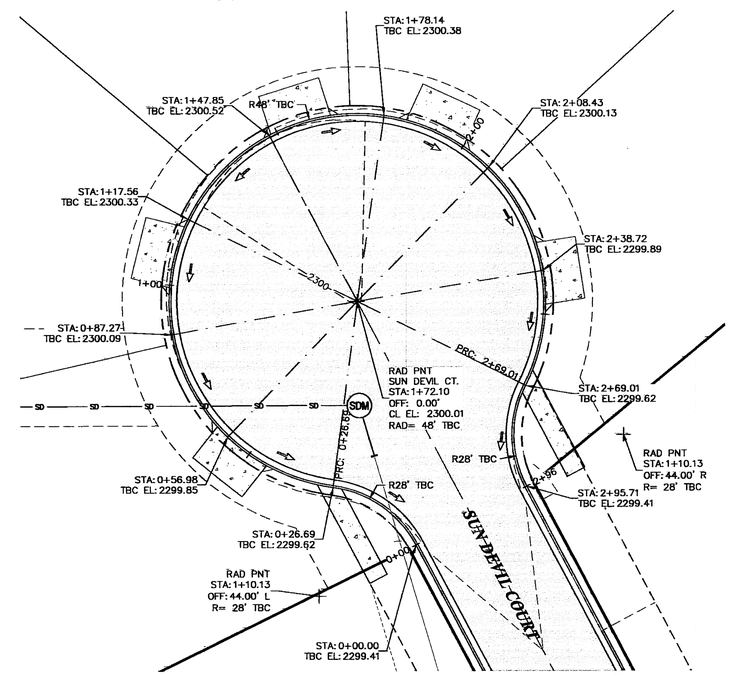
SUN DEVIL COURT

GENERAL NOTES

1. SEE CONSTRUCTION SPECIFICATIONS SHOWN ON DETAIL SHEET.
2. ALL CURB RETURNS SHALL BE CONSTRUCTED WITH A 20' RADIUS AT EDGE OF TRAVELED WAY UNLESS OTHERWISE SHOWN.
3. ALL CURB AND OFFSET DATA IS REFERENCED TO BACK OF CURB, UNLESS OTHERWISE NOTED.
4. EXISTING UTILITY LINE LOCATIONS HAVE BEEN EXTRACTED FROM RECORD UTILITY DRAWINGS AND FOUND SURFACE FEATURES. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS.
5. EXISTING UTILITIES CONFLICTING WITH PROPOSED IMPROVEMENTS SHALL BE RELOCATED AS NEEDED PRIOR TO CONSTRUCTION. COORDINATE WITH THE APPLICABLE UTILITY COMPANY.
6. 1.0' (MIN.) OF COVER SHALL BE MAINTAINED OVER ALL STORM DRAIN PIPES.
7. CURB INLETS SHALL BE CONSTRUCTED 1" LOWER THEN THE FLOW LINE OF THE CURB PER SPOKANE COUNTY STANDARD 8-18. ASPHALT AND CURB TO HAVE SMOOTH TAPER INTO CURB INLETS.
8. W.S.D.O.T. TYPE 2 INLETS SHALL BE PLACED SO THAT THE LONGER SIDE OF THE STRUCTURE IS PERPENDICULAR TO THE CURB. THE SHORTER SIDE SHALL ABUT THE FACE OF THE CURB.
9. CONTRACTOR SHALL VERIFY UTILITY SERVICE ELEVATIONS AT ALL CROSSINGS PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE IMPROVEMENTS.

ROAD CENTERLINE LINE DATA

LINE #	LENGTH	DIRECTION
L3	222.10	N27° 50' 22.91"W



CUL-DE-SAC DETAIL

SCALE: 1"=20'

V-Scale 1"= 10'
H-Scale 1"= 50'

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1959B
DATE ACCEPTED: 01-12-11
ACCEPTANCE EXPIRES: 01-12-13
PROJECT LANE MILES PUBLIC: .16
PROJECT LANE MILES PRIVATE: N/A
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

UNDERGROUND SERVICE ALERT
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www.inclandnwest.com

STEVEN P. SOLTAS
STATE OF WASHINGTON
29885
REGISTERED PROFESSIONAL ENGINEER
10-20-10

PILLAR ROCK ESTATES
ROAD IMPROVEMENT PLANS
SPOKANE COUNTY, WA

MARK	DATE	DESCRIPTION

ISSUE DATE:	10/20/10
PLOT DATE:	10/20/10
DRAWN BY:	SLS
CHECKED BY:	SPS
DWG FILE:	09179-C1
PROJ. #	PF09179

SHEET TITLE:
PLAN AND PROFILE SHEET

C2

P 1959 B Eng & Road Drainage

P1959B-RP-01

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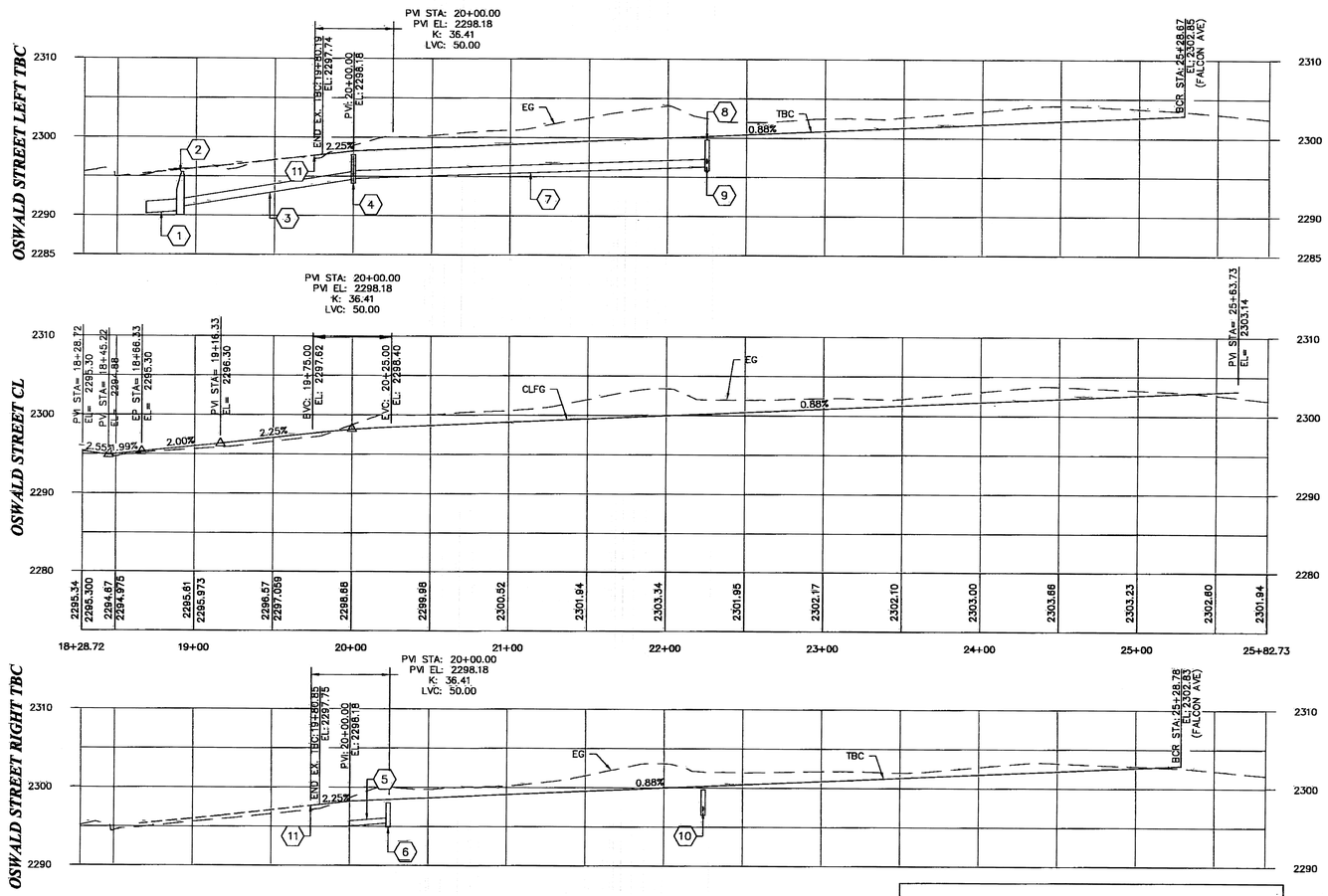

KEYED NOTES

1. EXTEND 18" CPE, L=32.4', S=1.0%
2. WSDOT CATCH BASIN, TYPE 2 (48") W/ SOLID LID
   STA: 18+89.95 10.47' L
   RIM: 2295.50
   IE (S): 2290.52
   IE (N): 2291.02
3. 12" CPE, L=114.5', S=3.1%
4. CATCH BASIN TYPE 1, PER SPOKANE COUNTY STANDARD DRAWING B-4, WITH TYPE 1 METAL FRAME/GRATE
   STA: 20+00.00 15.4' L
   GRATE: 2297.68
   IE (S): 2294.57
   IE (N): 2294.67
   IE (E): 2295.00
5. 8" CPE, L=39.4', S=1.0%
6. CATCH BASIN TYPE 1, PER SPOKANE COUNTY STANDARD DRAWING B-4, WITH TYPE 1 METAL FRAME/GRATE
   STA: 20+24.58 15.4' R
   GRATE: 2297.90
   IE (W): 2295.39
7. 12" CPE, L=226.4', S=0.7%
8. CATCH BASIN TYPE 1, PER SPOKANE COUNTY STANDARD DRAWING B-4, WITH TYPE 1 METAL FRAME/GRATE
   STA: 22+25.00 15.4' L
   GRATE: 2299.66
   IE (S): 2296.25
   IE (E): 2296.68
9. 8" CPE, L=30.8', S=1.0%
10. CATCH BASIN TYPE 1, PER SPOKANE COUNTY STANDARD DRAWING B-4, WITH TYPE 1 METAL FRAME/GRATE
    STA: 22+25.00 15.4' L
    GRATE: 2299.66
    IE (W): 2296.99
11. MATCH EXISTING CURB. CUT BACK AS NECESSARY FOR SMOOTH TRANSITION.

GENERAL NOTES

1. SEE CONSTRUCTION SPECIFICATIONS SHOWN ON DETAIL SHEET.
2. ALL CURB RETURNS SHALL BE CONSTRUCTED WITH A 20' RADIUS AT EDGE OF TRAVELED WAY UNLESS OTHERWISE SHOWN.
3. ALL CURB AND OFFSET DATA IS REFERENCED TO BACK OF CURB, UNLESS OTHERWISE NOTED.
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6. 1.0' (MIN.) OF COVER SHALL BE MAINTAINED OVER ALL STORM DRAIN PIPES.
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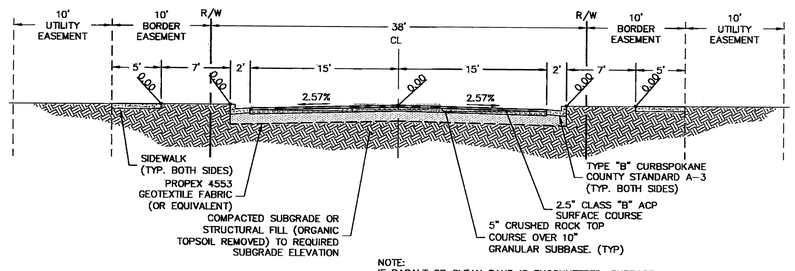
9. CONTRACTOR SHALL VERIFY UTILITY SERVICE ELEVATIONS AT ALL CROSSINGS PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE IMPROVEMENTS.



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OSWALD ST. CROSS SECTION

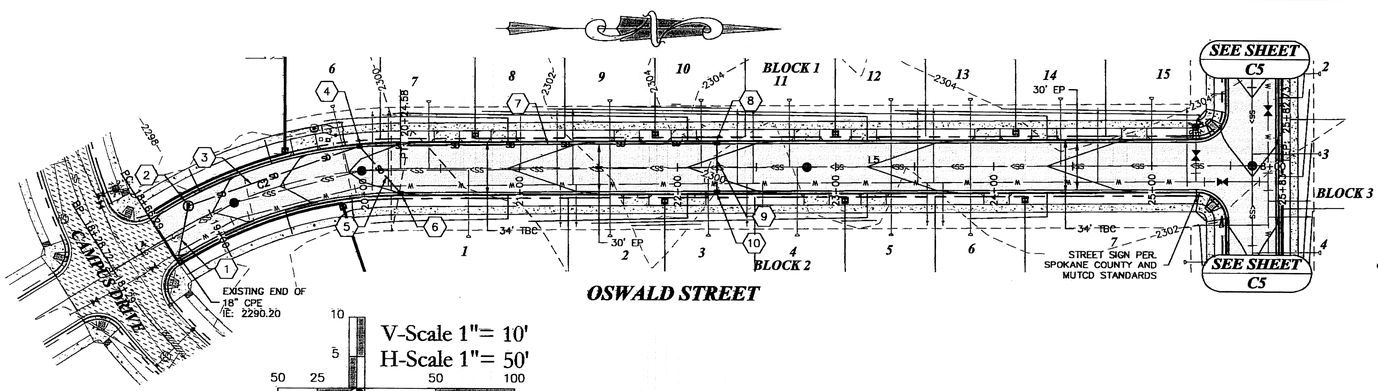
N.T.S.

ROAD CENTERLINE LINE DATA

LINE #	LENGTH	DIRECTION
L4	37.57	N32° 03' 39.26"W
L5	558.15	N0° 25' 04.00"W

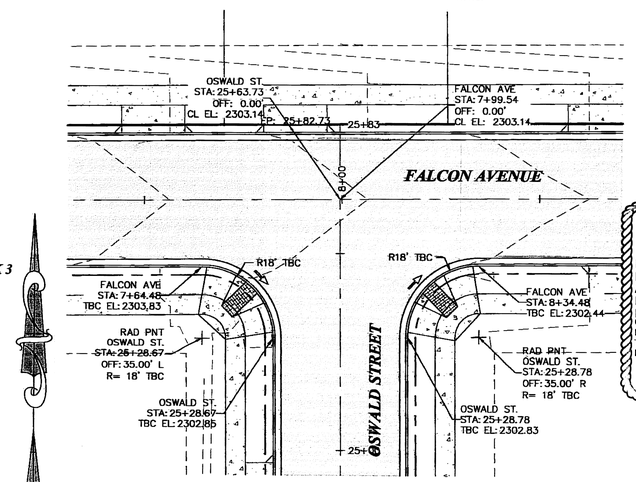
ROAD CENTERLINE CURVE DATA

CURVE #	RADIUS	LENGTH	CHORD DIRECTION	DELTA
C2	276.15	158.29	N16° 52' 51.21"W	32.84



OSWALD STREET

V-Scale 1"= 10'
H-Scale 1"= 50'



INTERSECTION DETAIL

SCALE: 1"=20'

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1959B
DATE ACCEPTED: 01-17-13
ACCEPTANCE EXPIRES: 01-17-13
PROJECT LANE MILES PUBLIC: 1.34
PROJECT LANE MILES PRIVATE: N/A
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
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FAX (208) 777-2128
www.incnorthwest.com

STEVEN P. SOLTYS
STATE OF WASHINGTON
29685
10/20/10
REGISTERED PROFESSIONAL ENGINEER

PILLAR ROCK ESTATES ROAD IMPROVEMENT PLANS

SPOKANE COUNTY, WA

MARK	DATE	DESCRIPTION

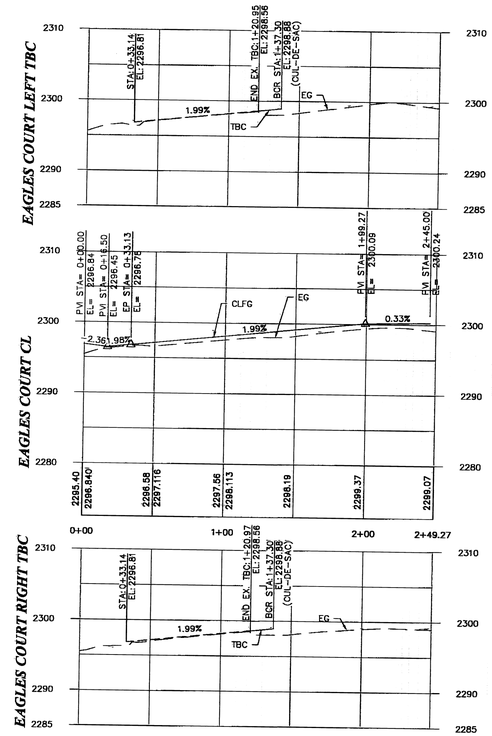
ISSUE DATE:	10/20/10
PLOT DATE:	10/20/10
DRAWN BY:	SLS
CHECKED BY:	SPS
DWG FILE:	09179-C1
PROJ. #	PF09179

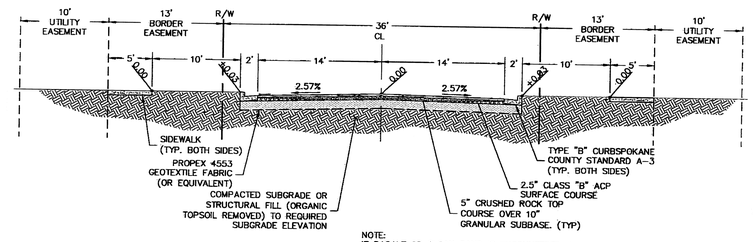
SHEET TITLE: **PLAN AND PROFILE SHEET**

C3

P 1959B ENG & Road Drainage

P1959B Dr. 03





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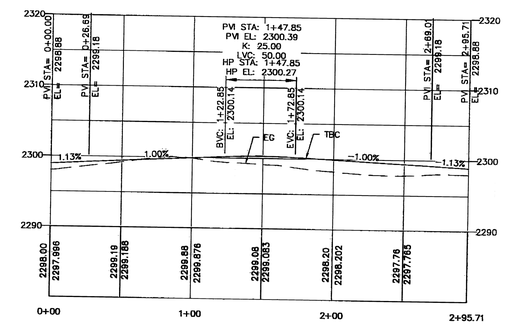
EAGLES CT. CROSS SECTION
N.T.S.



CUL-DE-SAC TBC PROFILE

KEYED NOTES

(1) INSTALL WSDOT SIDEWALK RAMP TYPE 4B AT SIDEWALK ENDS.

GENERAL NOTES

1. SEE CONSTRUCTION SPECIFICATIONS SHOWN ON DETAIL SHEET.

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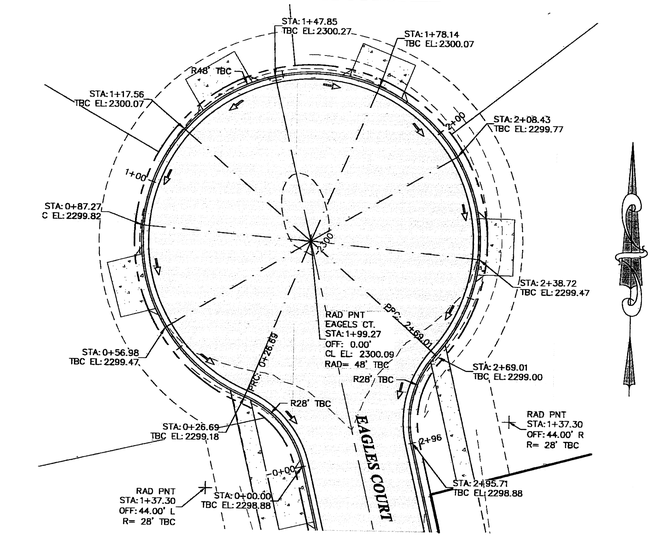
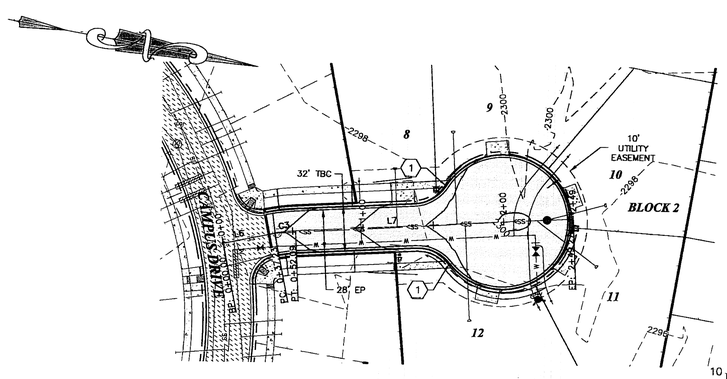


CUL-DE-SAC DETAIL
SCALE: 1"=20'



EAGLES COURT

ROAD CENTERLINE LINE DATA

LINE #	LENGTH	DIRECTION
L6	37.23	N21° 34' 39.33"W
L7	197.18	N13° 03' 41.18"W

ROAD CENTERLINE CURVE DATA

CURVE #	RADIUS	LENGTH	CHORD DIRECTION	DELTA
C3	100.00	14.86	N17° 19' 10.25"W	8.52

V-Scale 1"= 10'
H-Scale 1"= 50'

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 129995
DATE ACCEPTED: 01-12-11
ACCEPTANCE EXPIRES: 01-12-13
PROJECT LANE MILES PUBLIC: .09
PROJECT LANE MILES PRIVATE: N/A
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
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STEVEN P. SOLTYS
STATE OF WASHINGTON
29885
10/20/10
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PILLAR ROCK ESTATES ROAD IMPROVEMENT PLANS
SPOKANE COUNTY, WA

MARK	DATE	DESCRIPTION

ISSUE DATE: 10/20/10
PLOT DATE: 10/20/10
DRAWN BY: SLS
CHECKED BY: SPS
DWG FILE: 09179-C1
PROJ. # PF09179

SHEET TITLE:
PLAN AND PROFILE

C4

P 1959 B ENG + Road Drainage