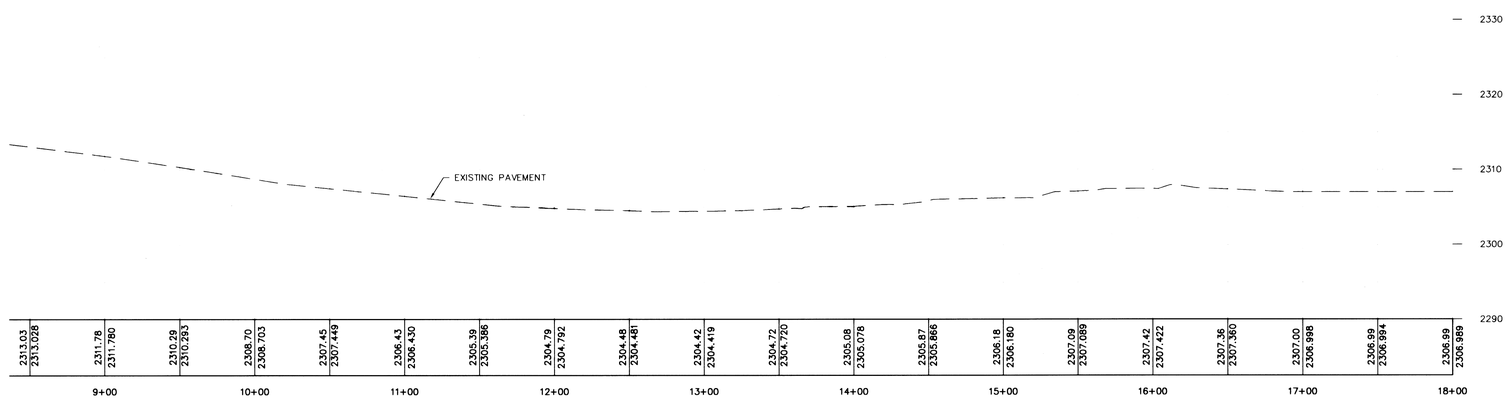
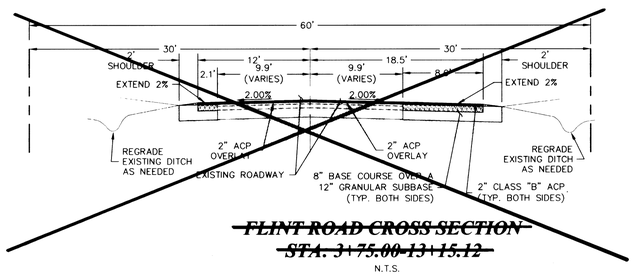
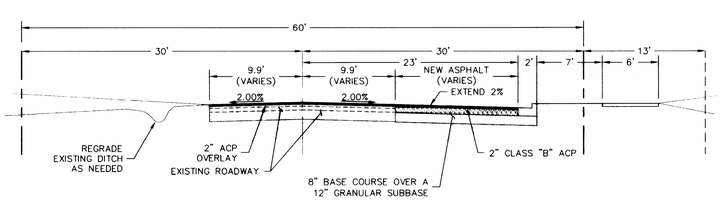


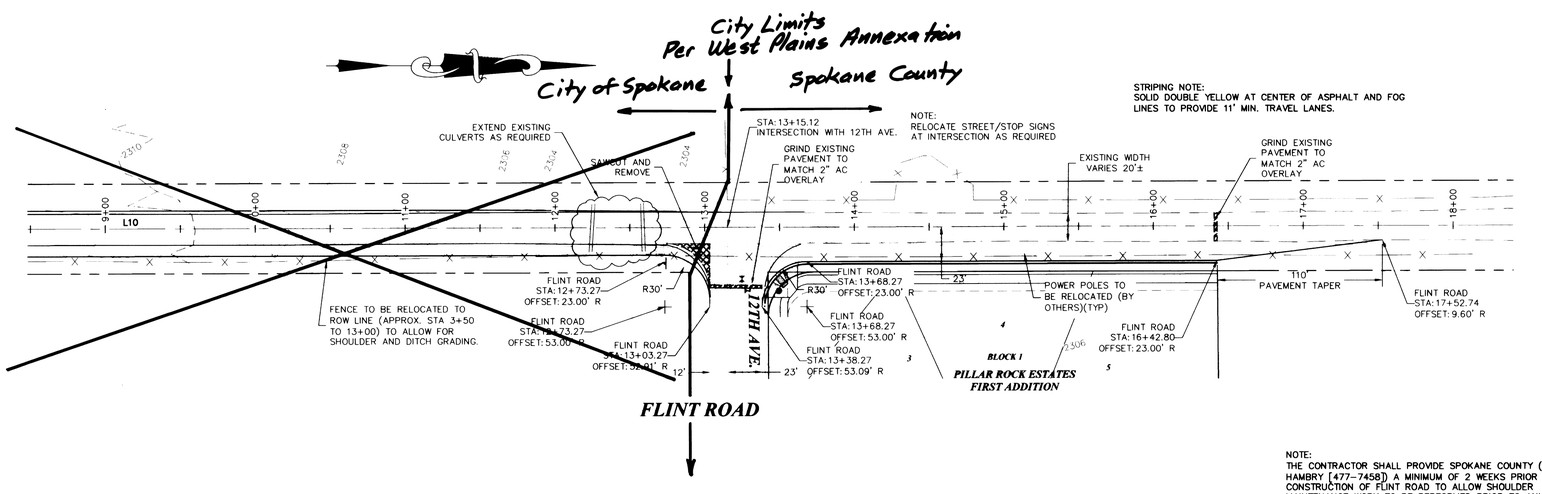


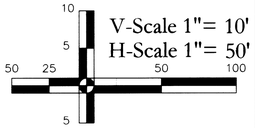
~~FLINT ROAD CROSS SECTION~~
~~STA. 3+75.00-13+15.12~~
N.T.S.



FLINT ROAD CROSS SECTION
STA: 13+15.12-16+42.80
N.T.S.

ROAD CENTERLINE LINE DATA		
LINE #	LENGTH	DIRECTION
L10	2630.25	N0° 06' 15.33"W





SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1959A
DATE ACCEPTED: 05-29-13
ACCEPTANCE EXPIRES: 05-29-14
PROJECT LANE MILES PUBLIC: 0
PROJECT LANE MILES PRIVATE: 0.47
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

* This acceptance applies only to Flint Rd. north of 12 Ave; south of 12 Ave. Flint Rd. is a City of Spokane street.

NOTE:
THE CONTRACTOR SHALL PROVIDE SPOKANE COUNTY (HOWARD HAMBRY [477-7458]) A MINIMUM OF 2 WEEKS PRIOR TO THE CONSTRUCTION OF FLINT ROAD TO ALLOW SHOULDER MAINTENANCE WORK TO BE PERFORMED PRIOR TO ANY PAVING.

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

INLAND NORTHWEST CONSULTANTS
ENGINEERS • SURVEYORS • PLANNERS
1206 Polston Ave., Ste. B
Post Falls, Idaho 83854
PHONE (208) 773-8170
FAX (208) 777-2128
www.incnorthwest.com

STEVEN P. SOKYRKA
STATE OF WASHINGTON
29885
REGISTERED
PROFESSIONAL ENGINEER
9/29/11

PILLAR ROCK ESTATES
ROAD IMPROVEMENT PLANS
SPOKANE COUNTY, WA

MARK	DATE	DESCRIPTION

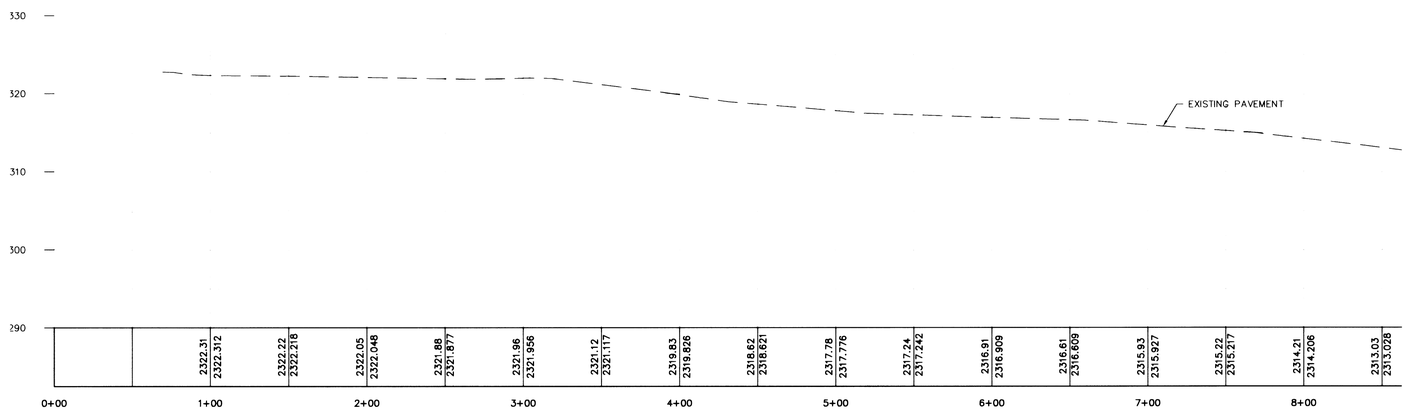
ISSUE DATE:	5/13/11
PLOT DATE:	9/29/11
DRAWN BY:	SLS
CHECKED BY:	SPS
DWG FILE:	09179-C1
PROJ. #	PF09179

SHEET TITLE:
PLAN AND PROFILE SHEET

C8

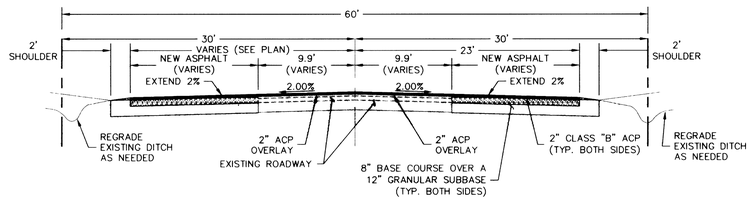
P-1959A ENG Road & Drainage

C:\2009\09179\DWG\CIVIL\SHEETS\ROADS\09179-C1.DWG

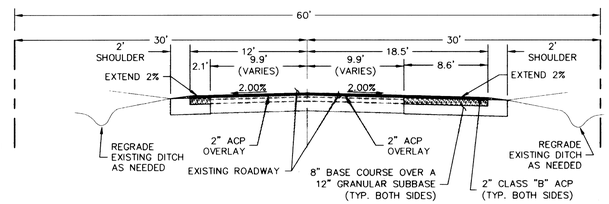


ROAD CENTERLINE LINE DATA

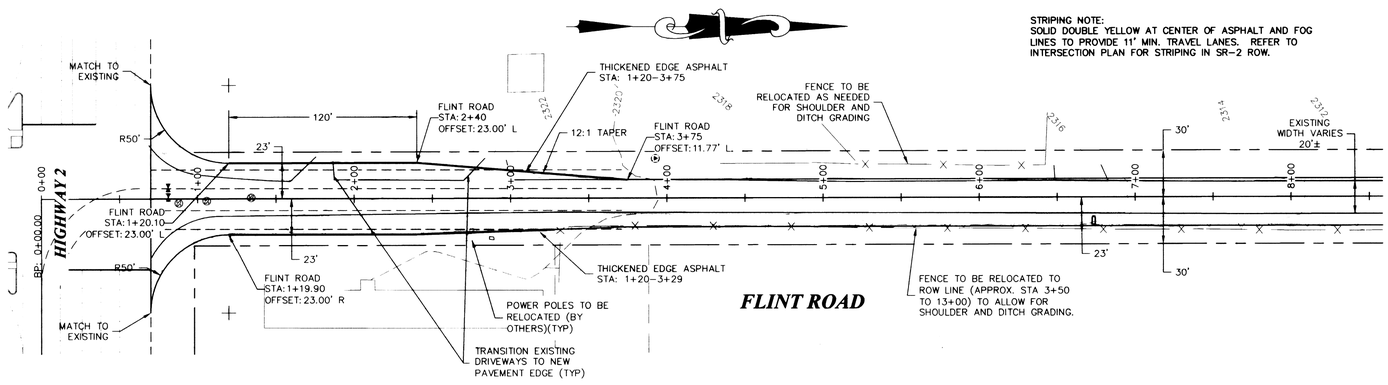
LINE #	LENGTH	DIRECTION
L10	2630.25	N0° 06' 15.33"W



FLINT ROAD CROSS SECTION
STA: 0+70-3+75.00
N.T.S.



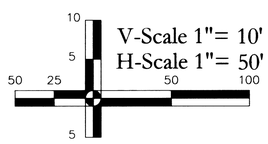
FLINT ROAD CROSS SECTION
STA: 3+75.00-13+15.12
N.T.S.



FLINT ROAD

STRIPING NOTE:
SOLID DOUBLE YELLOW AT CENTER OF ASPHALT AND FOG LINES TO PROVIDE 11' MIN. TRAVEL LANES. REFER TO INTERSECTION PLAN FOR STRIPING IN SR-2 ROW.

Reference Only
See Approved Plans by City of Spokane



NOTE:
THE CONTRACTOR SHALL PROVIDE SPOKANE COUNTY (HOWARD HAMBRY [477-7458]) A MINIMUM OF 2 WEEKS PRIOR TO THE CONSTRUCTION OF FLINT ROAD TO ALLOW SHOULDER MAINTENANCE WORK TO BE PERFORMED PRIOR TO ANY PAVING.

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

INLAND NORTHWEST CONSULTANTS
ENGINEERS • SURVEYORS • PLANNERS
1296 Polston Ave., Ste. B
Post Falls, Idaho 83854
PHONE (208) 777-1270
FAX (208) 777-1278
www.inlandnwest.com

STEVEN P. SELTS
STATE OF WASHINGTON
29885
REGISTERED
PROFESSIONAL ENGINEER

PILLAR ROCK ESTATES
ROAD IMPROVEMENT PLANS
SPOKANE COUNTY, WA

MARK	DATE	DESCRIPTION

ISSUE DATE: 5/13/11
PLOT DATE: 9/29/11
DRAWN BY: SLS
CHECKED BY: SPS
DWG FILE: 09179-C1
PROJ. # PF09179

SHEET TITLE:
PLAN AND PROFILE SHEET

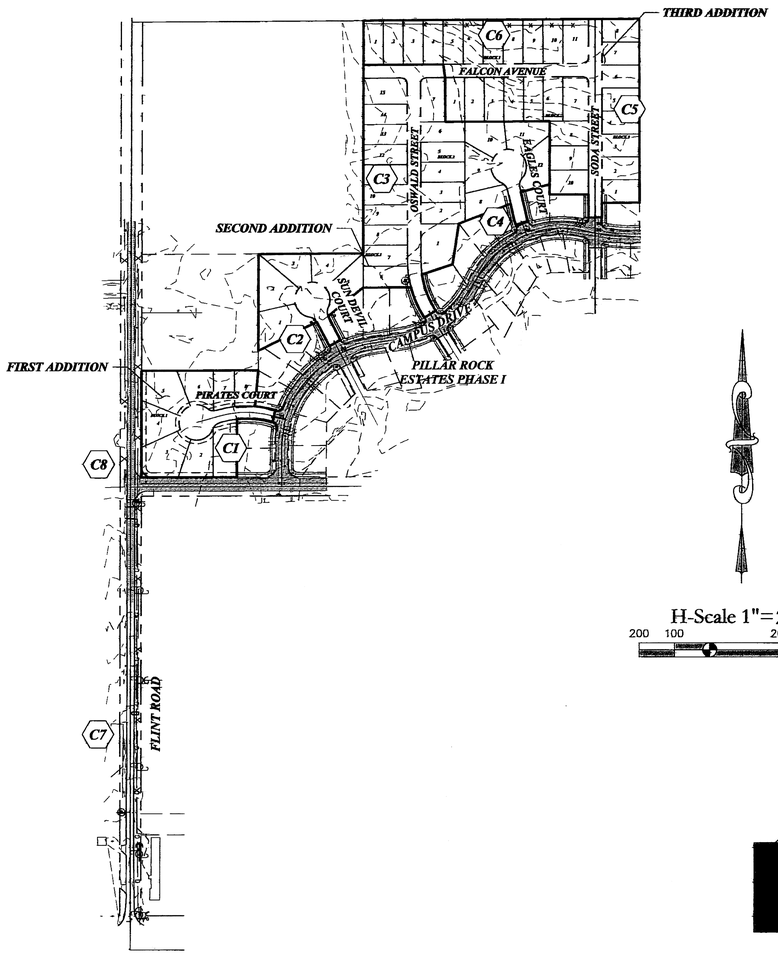
C7

P-1959A RNG Road + Drainage

P:\2009\PF09179\DWG\CIVIL\SHEETS\ROADS\09179-C1.DWG

PILLAR ROCK ESTATES PHASE II
ROAD AND DRAINAGE IMPROVEMENTS

LOCATED IN THE N 1/2 OF THE SW 1/4 OF SECTION 20, T25N, R42E, W.M. SPOKANE COUNTY, WASHINGTON



H-Scale 1"=200'
200 100 200 400

SHEET INDEX

T1 COVER SHEET

C1 PIRATES COURT PLAN AND PROFILE
C2 SUN DEVIL COURT PLAN AND PROFILE
C3 OSWALD STREET PLAN AND PROFILE
C4 EAGLES COURT PLAN AND PROFILE
C5 SODA STREET PLAN AND PROFILE
C6 FALCON AVENUE PLAN AND PROFILE
C7 FLINT ROAD PLAN AND PROFILE (0+00–8+50)
C8 FLINT ROAD PLAN AND PROFILE (8+50–18+00)

LEGEND

- PROPOSED RIGHT OF WAY
- PROPOSED LOT LINE
- PROPOSED UTILITY EASEMENT
- NEW SANITARY SEWER MAIN
- NEW SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- NEW SANITARY SEWER SERVICE
- NEW DOMESTIC WATER MAIN
- NEW DOMESTING WATER VALVE
- NEW FIRE HYDRANT ASSEMBLY
- NEW DOMESTIC WATER SERVICE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN PIPE (AS SHOWN)
- ROAD CENTERLINE FINISH GRADE HIGH POINT
- ROAD CENTERLINE FINISH GRADE LOW POINT

VICINITY MAP
NTS

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-19594
DATE ACCEPTED: 01-12-11
ACCEPTANCE EXPIRES: 01-12-13
PROJECT LANE MILES PUBLIC: 3.42
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

INLAND NORTHWEST CONSULTANTS
ENGINEERS • SURVEYORS • PLANNERS
1296 Polston Avenue, Suite B, Post Falls, Idaho 83854
PHONE (208) 773-8370 www.incnorthwest.com FAX (208) 777-2128

STEVEN P. SOLTYS — STATE OF WASHINGTON — 29885 — 10/20/10 — REGISTERED PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION

ISSUE DATE: 10/20/10
PLOT DATE: 10/21/10
DRAWN BY: SLS
CHECKED BY: SPS
DWG FILE: 09179-T1
PROJ. #: PF09179

SHEET TITLE:
COVER SHEET/ EXISTING CONDITIONS

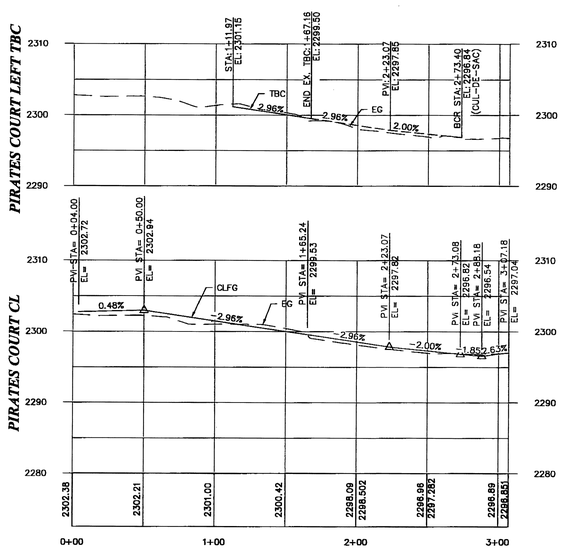
T1

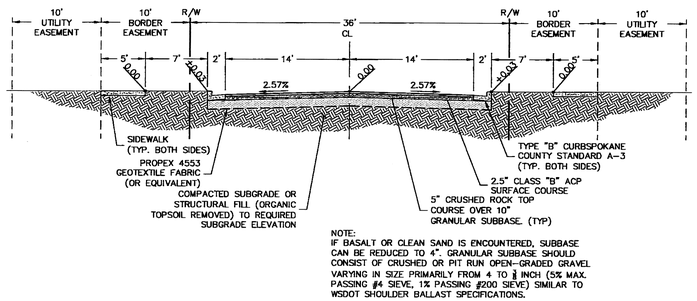
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

P 1959 A Eng Road & Drainage

P1959A Cover

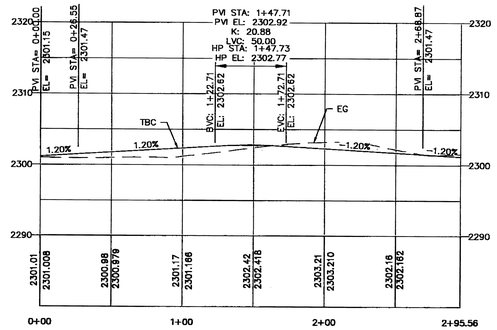
Z:\2009\PF09179\DWG\CIVIL\SHEETS\XCADS\09179-T1.DWG





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.

PIRATES CT. CROSS SECTION
N.T.S.



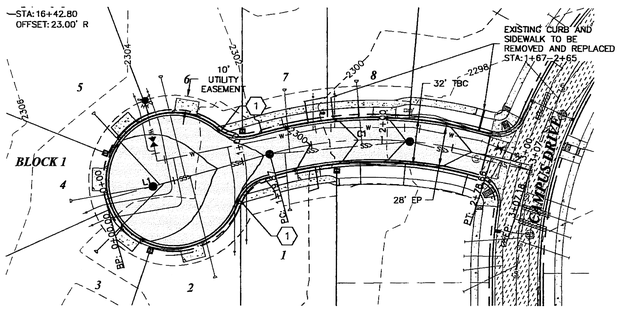
CUL-DE-SAC TBC PROFILE

KEYED NOTES

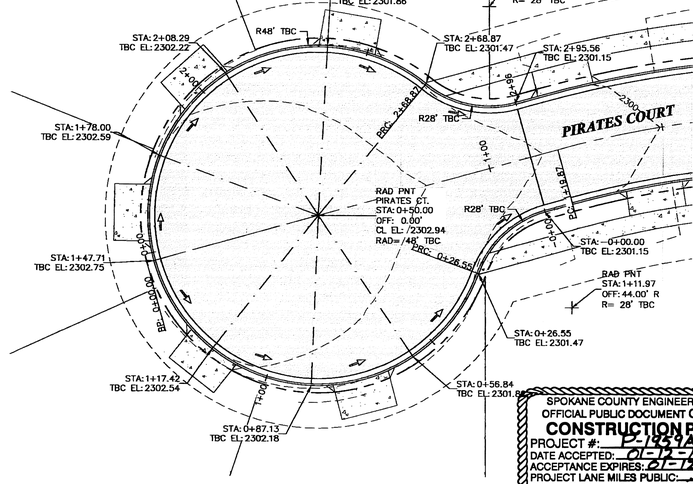
(1) INSTALL WSDOT SIDEWALK RAMP TYPE 4B AT SIDEWALK ENDS.

GENERAL NOTES

1. SEE CONSTRUCTION SPECIFICATIONS SHOWN ON DETAIL SHEET.
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 B-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.



PIRATES COURT



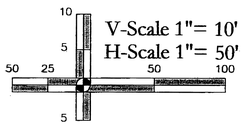
CUL-DE-SAC DETAIL
SCALE: 1"=20'

ROAD CENTERLINE LINE DATA

LINE #	LENGTH	DIRECTION
L1	119.87	N74° 22' 28.35"E
L2	28.53	S72° 32' 29.11"E

ROAD CENTERLINE CURVE DATA

CURVE #	RADIUS	LENGTH	CHORD DIRECTION	DELTA
C1	275.00	158.79	S89° 05' 00.38"E	33.08



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1959A
DATE ACCEPTED: 01-12-13
ACCEPTANCE EXPIRES: 01-12-15
PROJECT LANE MILES PUBLIC: 0.12
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
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

IMC
INLAND NORTHWEST CONSULTANTS
ENGINEERS • SURVEYORS • PLANNERS
1296 Pottein Ave., Ste. B
Post Falls, Idaho 83854
PHONE (208) 777-1379
FAX (208) 777-2128
www.IncNorthwest.com

STEVEN P. SOLTYS
STATE OF WASHINGTON
29665
REGISTERED
PROFESSIONAL ENGINEER

PILLAR ROCK ESTATES
ROAD IMPROVEMENT PLANS
SPOKANE COUNTY, WA

MARK	DATE	DESCRIPTION

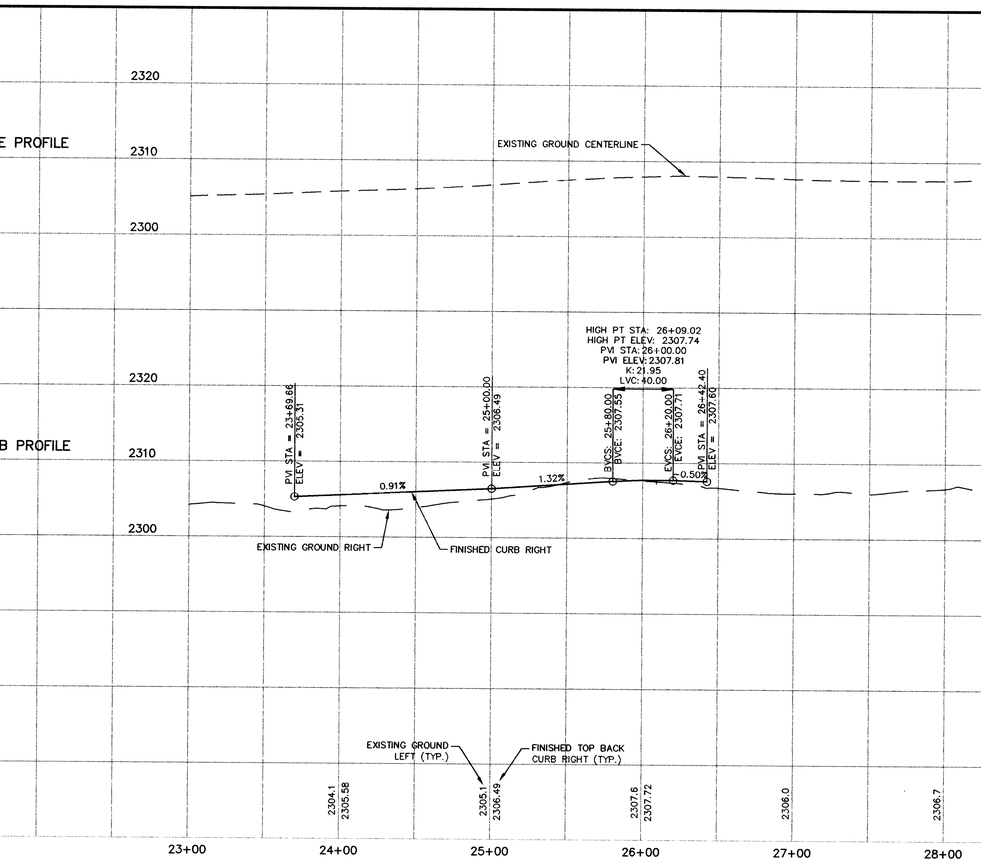
ISSUE DATE:	10/20/10
PLOT DATE:	10/20/10
DRAWN BY:	SLS
CHECKED BY:	SPS
DWG FILE:	09179-C1
PROJ. #	PF09179

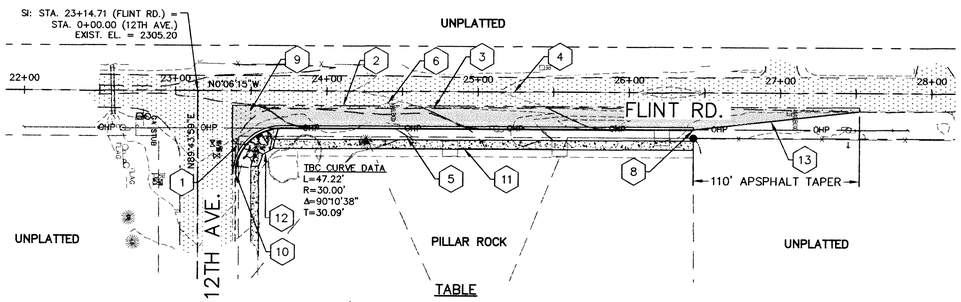
SHEET TITLE:
PLAN AND PROFILE SHEET

C1

P 1959 A Eng & Road Drainage

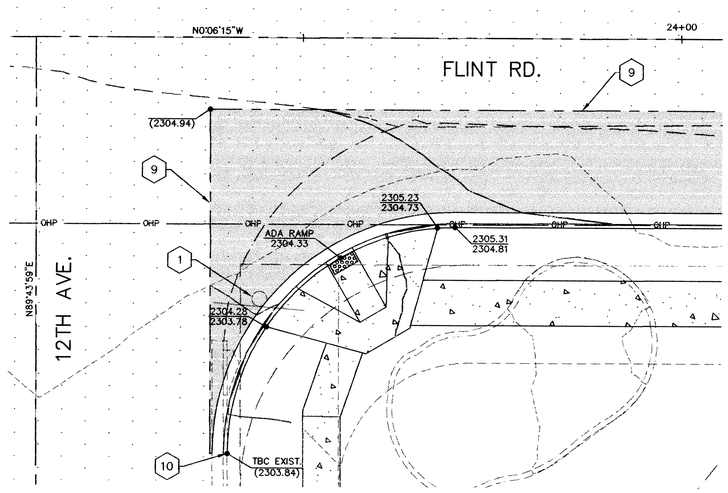
Z:\2009\PF09179\DWG\CIVIL SHEETS\CIVIL09179-C1.DWG





TABLE

1. EXISTING SIGN TO BE REMOVED BY CONTRACTOR AND RELOCATED PER MUTCD SPECIFICATIONS.
2. APPROXIMATE LOCATION OF SAWCUT LINE. SEE DETAIL SHEET FOR MORE INFORMATION.
3. EXISTING EDGE OF PAVEMENT
4. RIGHT OF WAY CENTERLINE
5. RIGHT OF WAY
6. CONTRACTOR TO RELOCATE EXISTING MAILBOX AS NECESSARY FOR SITE IMPROVEMENTS. COORDINATE WITH OWNER.
7. SEE SHEET 7 FOR ROAD SECTION AND SWALE DETAILS.
8. CURB NOSE DOWN. SEE DETAIL SHEET FOR MORE INFORMATION.
9. SAWCUT, REMOVE AND REPLACE FOR WIDENING PER NORTHWEST REGIONAL PAVEMENT PATCH POLICY (TYP.).
10. SAWCUT, REMOVE EXISTING CURB AS NEEDED TO PROVIDE FOR A SMOOTH TRANSITION AND REPLACE WITH CURB RETURN, TYPE "B" CURB AND GUTTER PER SPOKANE COUNTY STD. PLAN A-3 (SEE NOTE 2).
11. SEPARATE SIDEWALK PER SPOKANE COUNTY STD. PLAN A-1, END STA. 2642.40. WIDTH= 6.0'
12. ADA CURB RAMP FOR SEPARATED SIDEWALK PER SPOKANE COUNTY STD. PLAN A-5, DESIGN "B".
13. TRANSITION BACK TO EXISTING EDGE OF ASPHALT. TAPER LENGTH = 110'



FLINT RD & 12TH AVE.
INTERSECTION DETAIL
1" = 10'

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1469A
DATE ACCEPTED: 09-11-14
ACCEPTANCE EXPIRES: 09-11-16
PROJECT LANE MILES PUBLIC: 0
PROJECT LANE MILES PRIVATE: 0.114
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

* Supplemental sheet to originally approved plans to add curb profile.

NOTES

1. SEE CONSTRUCTION SPECIFICATIONS SHOWN ON DETAIL SHEET.
2. ALL CURB RETURNS ARE 30' RADIUS AT BACK OF CURB UNLESS OTHERWISE SHOWN.
3. ALL CURB AND OFFSET DATA IS REFERENCED TO TOP BACK OF CURB, UNLESS OTHERWISE NOTED.
4. 2.0' (MIN.) OF COVER SHALL BE MAINTAINED OVER ALL STORM DRAIN PIPES.
5. CURB INLETS SHALL BE CONSTRUCTED 1" LOWER THAN THE FLOW LINE OF THE CURB. ASPHALT AND CURB TO HAVE SMOOTH TAPER INTO CURB INLETS.
6. W.S.D.O.T. TYPE 2 INLETS SHALL BE PLACED SO THAT THE LONGER SIDE OF THE STRUCTURE IS PERPENDICULAR TO THE EDGE OF PAVEMENT.
7. CONTRACTOR SHALL VERIFY UTILITY SERVICE ELEVATIONS AT ALL CROSSINGS PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE IMPROVEMENTS.
8. IRRIGATION SYSTEM FOR SWALES SHALL BE PROVIDED BY CONTRACTOR/DEVELOPER. IRRIGATION SYSTEM SHALL BE DESIGN/BUILD.
9. LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND AND OVERHEAD UTILITIES, EXISTING OVERHEAD POWER, TELEPHONE AND OTHER EXISTING UTILITIES. UTILITIES SHALL BE RELOCATED AS NEEDED PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE REGULATORY AGENCIES AND UTILITY COMPANIES FOR ALL REQUIREMENTS.

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
HORZ: 1 inch = 50 ft.
VERT: 1 inch = 10 ft.

DEVELOPER DATE

CALL BEFORE YOU DIG 811

No.	DESC. / DATE	BY
5		
4		
3		
2		
1		

storhäug
civil engineering | planning
landscape architecture | surveying
510 east third avenue | spokane, wa | 99202
p 509.242.1000 | f 509.242.1001

SHEET TITLE: FLINT ROAD PLAN & PROFILE
PROJECT TITLE: STA. 23+69.66 TO STA. 26+42.40
PILLAR ROCK
SPOKANE COUNTY, WA

SEAL

DATE	09/10/2014
DRAWN	JAM
CHECKED	ADS
PROJECT NUMBER	14-203
DRAWING NO.	1 OF 1
	STREET

14203-ST.dwg FLINT WIDENING