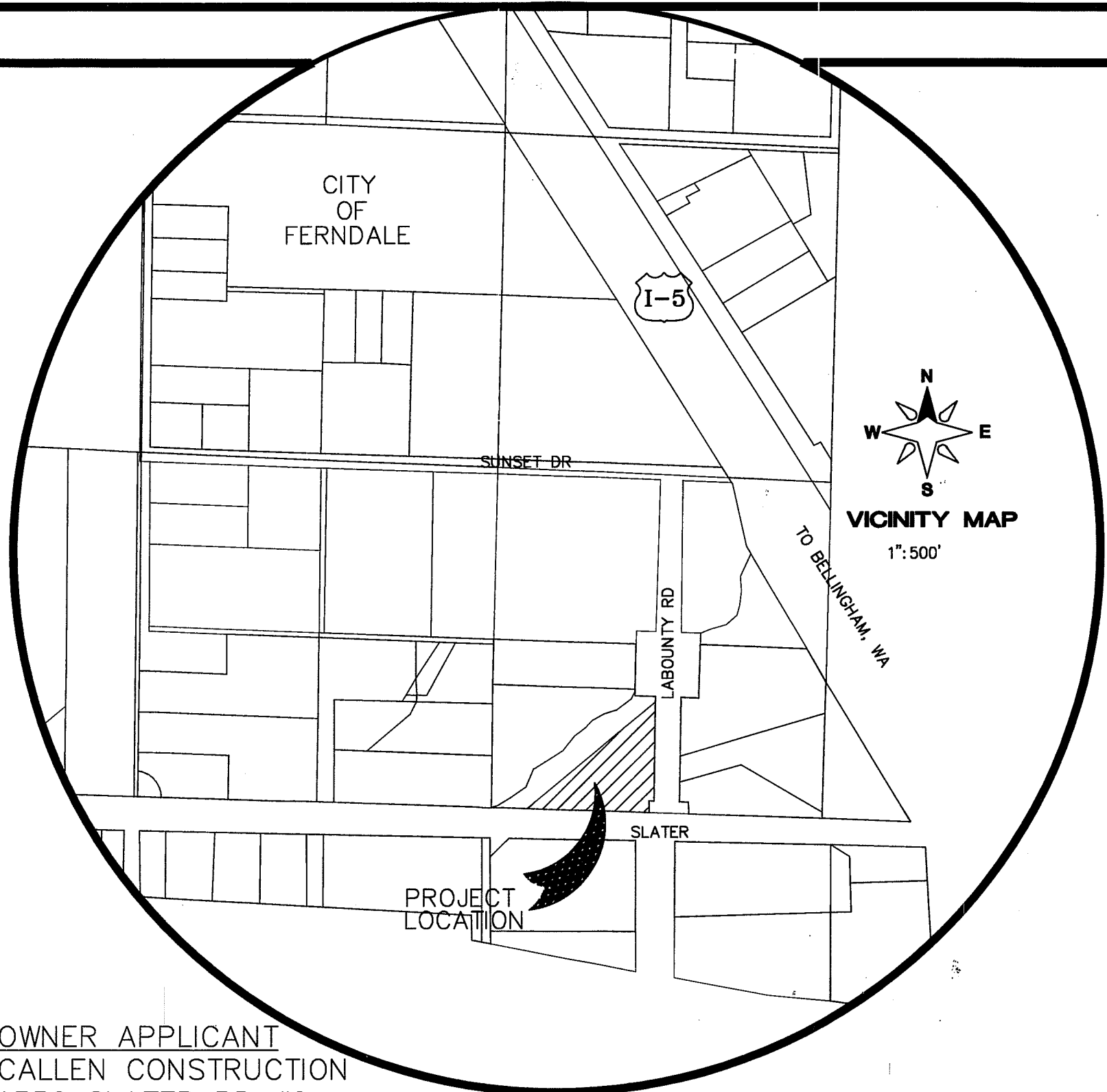


A PORTION OF THE NE 1/4 SECTION 4
TOWNSHIP 38 N., RANGE 2 E. OF THE W.M.
AND THE SE 1/4 OF SEC 33, T39N, R2E, WM
CITY OF FERNDALE, WHATCOM COUNTY, WASHINGTON

SILVER CREEK

AS-BUILT DRAWINGS



OWNER APPLICANT
CALLEN CONSTRUCTION
1350 SLATER RD #6
FERNDALE, WA 98248
360-366-5000

ENGINEER
LDES, INC.
5160 INDUSTRIAL PL #108
FERNDALE, WA 98248
CONTACT: RAMON LLANOS, PE.
(360) 383-0620

SURVEYOR
LDES, INC.
5160 INDUSTRIAL PL #108
FERNDALE, WA 98248
CONTACT: KYLE HAGGITH, PLS.
(360) 383-0620

AS-BUILT DRAWINGS	
SHT #	Sheet Title
01	COVER SHEET
02	STORM DRAINAGE AS-BUILTS
03	SANITARY SEWER & WATER AS-BUILTS

LEGEND

	= AS-BUILT STORM DRAIN CATCHBASIN
	= AS-BUILT STORM DRAIN LINE
	= AS-BUILT SAN. SEWER LINE
	= AS-BUILT WATER LINE
	= AS-BUILT SANITARY SEWER MANHOLE
	= FUTURE FIRE HYDRANT
	= FUTURE CONSTRUCTION WATER LINE
	= EXISTING EASEMENT
	= EXISTING STORM DRAIN LINE
	= EXISTING SANITARY SEWER LINE
	= EXISTING FIRE HYDRANT
	= EXISTING OIL PIPELINE
	= AS-BUILT

SURVEYORS NOTES

- DATA FOR THIS SURVEY WAS GATHERED BY FIELD TRAVERSE UTILIZING ELECTRONIC DATA COLLECTION ON AUGUST 2008 THROUGH OCTOBER 2007.
- EQUIPMENT USED: NIKON DTM522: 00'01.5" ± 2 PPM, ± 2 MM
- BASIS OF BEARING: PER "C.C. LOT LINE ADJUSTMENT" AF# 950210025
- THIS SURVEY MEETS OR EXCEEDS THE ACCURACY STANDARDS SPECIFIED BY WAC 332-130-090

APPROVED

MAR 22 2013
BY P.E.
CITY OF FERNDALE

DRAWN BY SR DATE 1/5/2011

CHECKED BY RL DATE 1/5/2011

SILVER CREEK

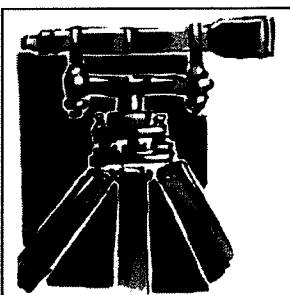
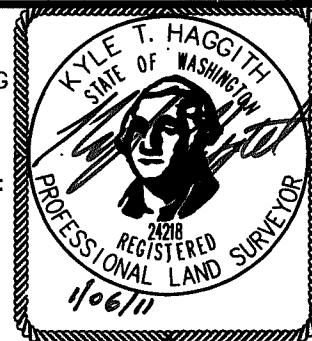
JOB # 6034

FOR: CLEO & MARIA CALLEN

ENGINEER'S CERTIFICATION
"I HEREBY CERTIFY THAT THE IMPROVEMENTS IN SILVER CREEK DEVELOPMENT HAVE BEEN INSPECTED BY LDES AND TO THE BEST OF MY KNOWLEDGE, HAVE BEEN CONSTRUCTED IN CONFORMANCE WITH THE CITY OF FERNDALE DEVELOPMENT STANDARDS, THE CITY OF FERNDALE MUNICIPAL CODE, SUBSEQUENT STANDARDS ADOPTED BY REFERENCE THEREIN, AND STANDARD ENGINEERING PRACTICE."
1/5/11
RAMON LLANOS, P.E.



SURVEYOR'S CERTIFICATION
"I CERTIFY THAT THE LOCATIONS, ELEVATIONS, DEPTHS, AND AS-BUILT COMMENTS REFLECTING MATERIALS ACTUALLY USED DURING CONSTRUCTION ACCURATELY REFLECT EXISTING FIELD CONDITIONS AS DETERMINED BY ME OR UNDER MY DIRECT SUPERVISION ON THIS DATE."
1/06/11
KYLE HAGGITH, PLS.



LDES, INC.
5160 INDUSTRIAL PL #108
FERNDALE, WA 98248
PHONE 360-383-0620
FAX 360-383-0639

**STORM DRAINAGE
AS-BUILT DRAWINGS**

REVISIONS - INITIALS/DATE/COMMENTS		
SR	11/26/2007	SUBMITTAL #1
MF	10/12/2010	SUBMITTAL #2
MF	12/3/2010	SUBMITTAL #3
SR	12/27/2010	SUBMITTAL #4
SR	1/5/2011	FINAL SUBMITTAL

SHEET

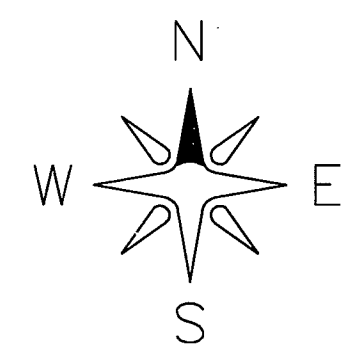
01

OF 03

HS 21/7/13 109 15300

LEGEND

- = AS-BUILT STORM DRAIN CATCHBASIN
- SD—SD— = AS-BUILT STORM DRAIN LINE
- SS—SS— = AS-BUILT SAN. SEWER LINE
- W—W— = AS-BUILT WATER LINE
- = AS-BUILT SANITARY SEWER MANHOLE
- ⦿ = FUTURE FIRE HYDRANT
- = FUTURE CONSTRUCTION WATER LINE
- - - = EXISTING EASEMENT
- - -D- - - = EXISTING STORM DRAIN LINE
- - -S- - - = EXISTING SANITARY SEWER LINE
- ⦿ = EXISTING FIRE HYDRANT
- OPL— = EXISTING OIL PIPELINE
- AB = AS-BUILT



GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.

FUTURE DRAINAGE REQUIREMENTS:

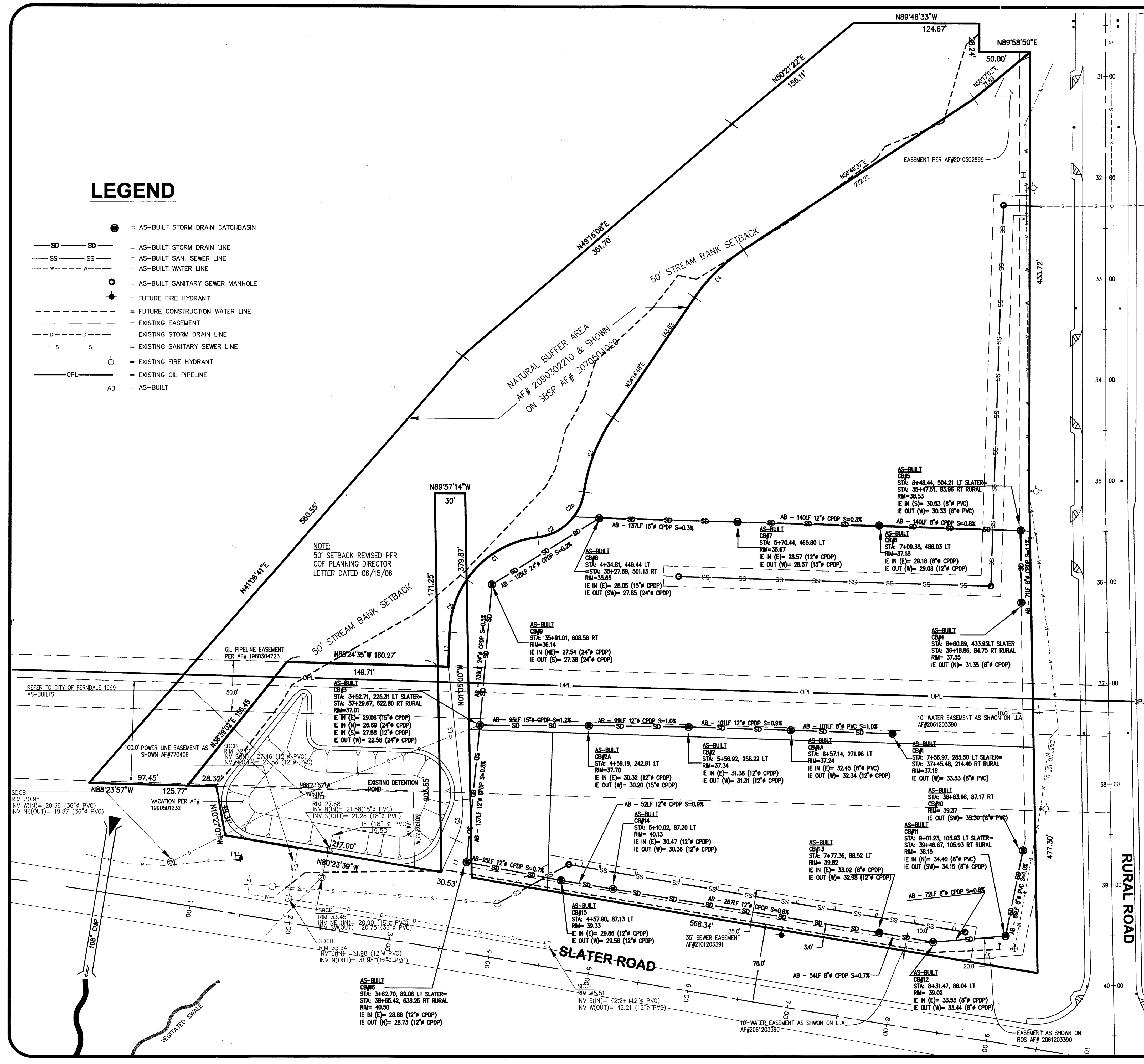
- CATCH BASIN RIM ELEVATIONS MAY REQUIRE FURTHER ADJUSTMENT AT PAVING OPERATIONS.

EASEMENT NOTE:

THE CITY OF FERNDALE RESERVES A RIGHT OF REASONABLE ACCESS TO MAINTAIN WATER AND SEWER FACILITIES WITHIN THE SITE PLAN SHOWN HEREON.

CURVE / LINE SEGMENT TABLE

LABEL	RADIUS	DELTA/BEARING	LENGTH/DIST
C1	R = 98.00'	Δ = 49°34'36"	L = 84.80'
C2	R = 52.00'	Δ = 46°13'31"	L = 41.95'
C2A	R = 52.00'	Δ = 29°34'45"	L = 26.85'
C3	R = 173.00'	Δ = 26°23'04"	L = 79.67'
C4	R = 173.00'	Δ = 22°34'49"	L = 68.18'
C5	R = 77.00'	Δ = 30°24'14"	L = 40.86'
C6	R = 98.00'	Δ = 30°18'36"	L = 55.26'
L1		N24°16'28"E	L = 35.09'
L2		N06°07'46"W	L = 132.11'
L3		N01°46'47"E	L = 34.12'

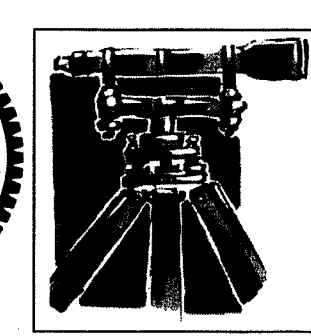
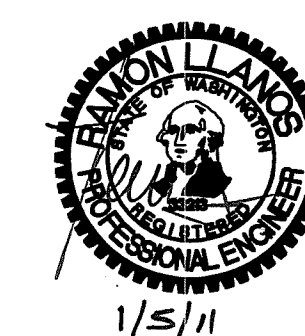


APPROVED

MAR 22 2013

BY *J. M. G.* P.E.
CITY OF FERNDALE

STORM DRAINAGE AS-BUILT DRAWINGS



LDES, INC.
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FERNDAL, WA 98248
PHONE 360-383-0620
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DRAWN BY SR DATE 1/5/2011

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JOB # 6034

SILVER CREEK

FOR:
CLEO & MARIA CALLEN

SHEET

2

OF 03

00551.002 3/26/13 SH

