

COVER SHEET FOR FRASER ESTATES FIRST ADDITION STREET AND DRAINAGE PLANS

SW. 1/4 SEC. 32, T. 26 N., R.44 E., W.M.
SPOKANE COUNTY, WASHINGTON

RECORD DRAWING

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

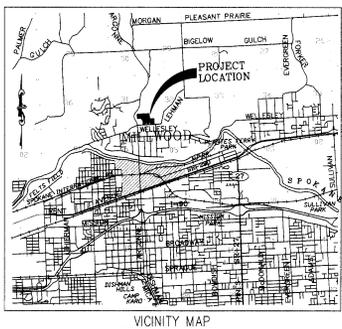
Planning
Engineering
Architecture
Landscape Architecture
Civil Surveying

Associates, Inc.

700 N. 7th Avenue, Suite 200
Spokane, Washington 99204
Phone: 509-452-5840
Fax: 509-452-5844

PREPARED UNDER THE DIRECT
SUPERVISION OF
DAVID N. RANDALL, P.E.
WASHINGTON REGISTRATION
NO. 26184
FOR AND ON BEHALF OF
CLC ASSOCIATES, INC.

LEGEND		
EXISTING	GENERAL	PROPOSED
---	ROADWAY CENTER LINE	---
---	RIGHT OF WAY LINE	---
---	PROPERTY LINE	---
---	EASEMENT LINE	---
---	FENCE	---
---	CURB	---
---	PAVEMENT	---
---	CONCRETE	---
---	BUILDINGS & STRUCTURES	---
---	SANITARY SEWER	---
---	SANITARY SEWER MANHOLE	---
---	SEWER SERVICE MANHOLE COORDINATE	---
---	WATER	---
---	WATER LINE VALVE	---
---	FIRE HYDRANT SERVICE	---
---	METER	---
---	AIR VACUUM RELIEF STATION	---
---	HOSE BIBB	---
---	TELEPHONE - POWER	---
---	POWER OR TELEPHONE POLE	---
---	TRANSFORMER PAD	---
---	GUY ANCHOR	---
---	TELEPHONE RISER	---



INDEX TO PLAN SHEETS	
SHEET C1.00	COVER SHEET
SHEET C1.00A	DRAINAGE-STREET GENERAL NOTES
SHEET C1.01	OVERALL STREET PLAN
SHEET C1.02	SECTIONS AND DETAILS
SHEET C1.02A	GRADING PLAN
SHEET C1.03	PRINCETON AVENUE, STA. 14+49.13 TO STA.22+14.78
SHEET C1.04	FARR ROAD, STA. 10+40.00 TO STA. 13+63.81
SHEET C1.05	BOEING ROAD, STA. 10+00.00 TO STA. 13+29.22
SHEET C1.06	DRAINAGE DETAILS
SHEET C1.07	DRAINAGE DETAILS
EROSION AND SEDIMENT CONTROL	
SHEET C1.08	EROSION CONTROL
SHEET C1.09	EROSION CONTROL

Date: 9/22/08
Description: RECORD DRAWING
BY ALLIEST TESTING
AD ENGINEERING

Spokane County No. P-1084
CLC Ass Number: 5900258
Down By: RLM
Designed By: RLM
Checked By: GBT



THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO APPLICABLE EDITIONS OF THE SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION AND THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT. ALL DESIGN DEVIATIONS HAVE BEEN APPROVED BY THE SPOKANE COUNTY ENGINEER. I APPROVE THESE PLANS FOR CONSTRUCTION.

OWNER/DEVELOPER MIKE HUME 8205 NORTH DIVISION STREET SPOKANE, WASHINGTON 99208 PHONE: 509-467-7400 FAX: 509-467-9771	ENGINEER/PLANNER CLC ASSOCIATES, INC. 707 W. 7TH AVE., SUITE 200 SPOKANE, WASHINGTON 99204 PHONE: 509-458-6840 FAX: 509-458-6844 CONTACT: DAVID N. RANDALL, P.E.	SURVEYOR CLC ASSOCIATES, INC. 707 W. 7TH AVE., SUITE 200 SPOKANE, WASHINGTON 99204 PHONE: 509-458-6840 FAX: 509-458-6844 CONTACT: KERREL BELL, L.S.
LANDSCAPE ARCHITECT CLC ASSOCIATES, INC. 707 W. 7TH AVE., SUITE 200 SPOKANE, WASHINGTON 99204 PHONE: 509-458-6840 FAX: 509-458-6844 CONTACT: SUSAN M. MOSS, A.S.L.A.	GEOTECHNICAL ENGINEER S.T.I. NORTHWEST 2214 EAST RIVERSIDE AVENUE SPOKANE, WASHINGTON 99202 PHONE: 509-534-9711 FAX: 509-534-9755 CONTACT: PAUL T. NELSON, P.E.	

AGENCY REFERRALS		
ENGINEERING SPOKANE COUNTY ENGINEERS 1026 W. BROADWAY AVE. SPOKANE, WASHINGTON 99260-0170 PHONE: 509-477-3650 FAX: 509-477-7655 CONTACT: JOHN HOGMAN, P.E.	WASTEWATER SPOKANE COUNTY UTILITIES 1026 W. BROADWAY AVE. SPOKANE, WASHINGTON 99260-0170 PHONE: 509-477-3604 FAX: 509-477-4715 CONTACT: KEVIN COOK, P.E.	SOLID WASTE WASTE MANAGEMENT P.O. BOX 14000 SPOKANE, WASHINGTON 99214-4000 PHONE: 509-466-3400
ELECTRIC/GAS AVISTA UTILITIES 1411 EAST MISSION AVENUE SPOKANE, WASHINGTON 99220 PHONE: 509-495-8961 CONTACT: CHRIS FRAZC	TELEPHONE WEST NORTH 904 COLUMBUS SPOKANE, WASHINGTON 99202 PHONE: 509-455-2717 CONTACT: KEVIN HUMPHREY	CABLE A.T.T. BROAD BAND 1717 E. BUCKEYE SPOKANE, WASHINGTON 99207 PHONE: 509-484-4931 CONTACT: JIM SMITH

DEVELOPER'S APPROVAL	
THE UNDERSIGNED DEVELOPER OR HIS AGENTS AGREES TO CONSTRUCT IMPROVEMENTS IN ACCORDANCE WITH THIS PLAN, AND UPON COMPLETION THE DEVELOPER IS RESPONSIBLE FOR SUBMITTING REPRODUCIBLE RECORD DRAWINGS TO BE COMPLETED BY A PROFESSIONAL ENGINEER AND/OR PROFESSIONAL LAND SURVEYOR FOR REVIEW AND APPROVAL BY SPOKANE COUNTY UTILITIES DEPARTMENT AT THE COMPLETION OF CONSTRUCTION.	
DEVELOPER'S APPROVAL _____	DATE _____
THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.	
RECORD DRAWING APPROVAL(ENGINEER/SURVEYOR) _____	DATE _____



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

COUNTY DATUM
BASED ON INVERT ELEVATION OF SEWER MANHOLE NO. 31 AS SHOWN ON "MILLWOOD-NORTHWOOD SEWER EXTENSION PLAN" SHEET 8 OF 21. ELEVATION=1556.64

DEVELOPER'S APPROVAL _____ DATE _____

STREET AND DRAINAGE CONSTRUCTION PLANS
FRASER ESTATES FIRST ADDITION
COVER SHEET
SPOKANE COUNTY, WASHINGTON

C1.00
STREET AND DRAINAGE COVER SHEET

RECORD DRAWING

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

CLC ASSOCIATES, INC.
Planning
Engineering
Architecture
Land Surveying
Spokane, WA 99201-5476
Phone 509-486-0000
Fax 509-486-0044



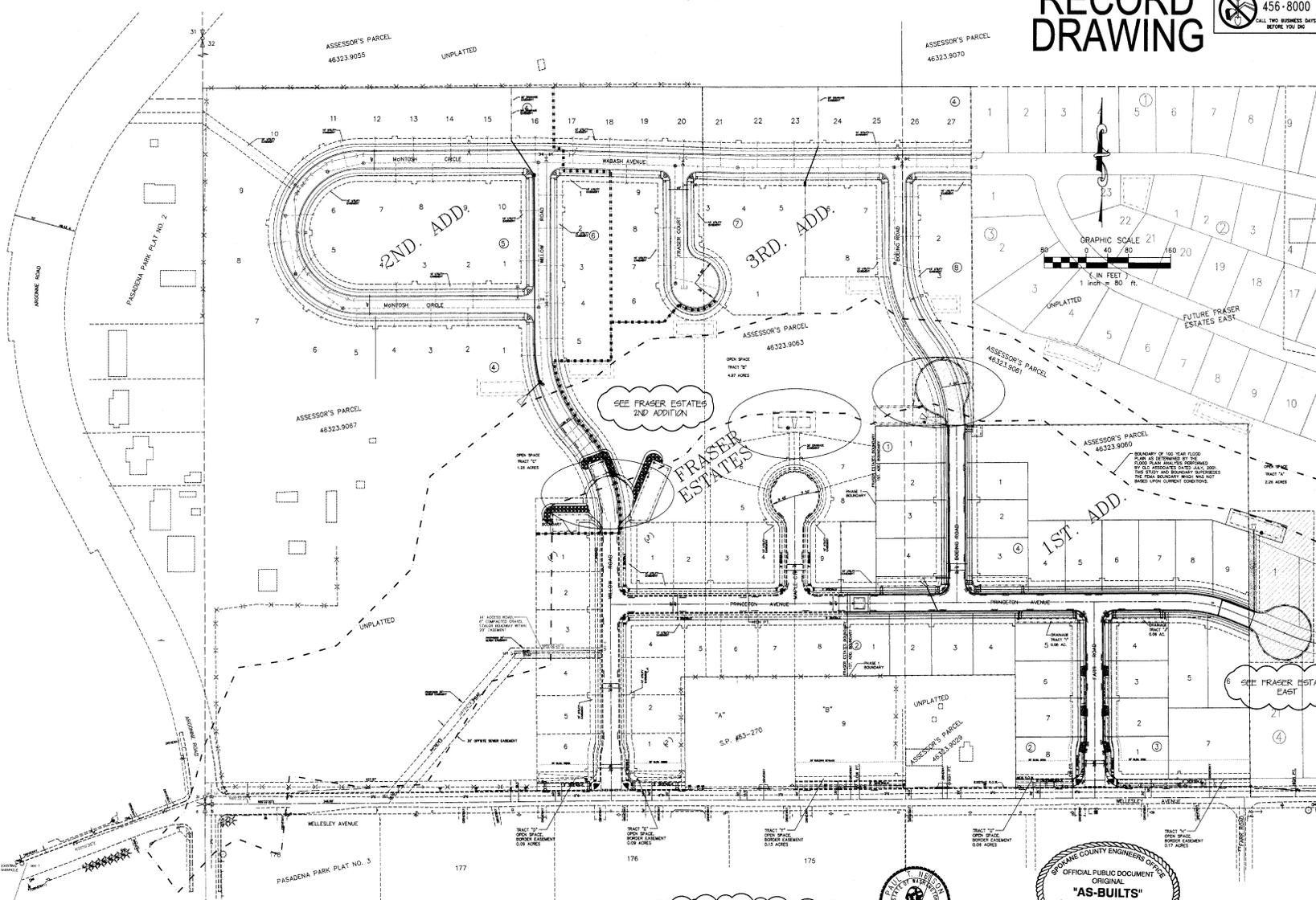
PREPARED UNDER THE DIRECT
SUPERVISION OF
DAVID V. RANSFORD, P.E.
WASHINGTON REGISTRATION
NO. 12345
FOR AND ON BEHALF OF
CLC ASSOCIATES, INC.

DATE: 07/27/07
DRAWN BY: RUM
CHECKED BY: DNR
PROJECT: FRASER ESTATES
CONSTRUCTION PLANS
STREET AND DRAINAGE
EXTENSION PLAN

Spokane County No. P-1864
CLC Job Number: S9901268
Drawn By: RUM
Designed By: RUM
Checked By: DNR

STREET AND DRAINAGE CONSTRUCTION PLANS
FRASER ESTATES FIRST ADDITION
OVERALL STREET PLAN
SPOKANE COUNTY, WASHINGTON

PROJECT TITLE
OVERALL STREET PLAN
C1.01
Sheet Number



COUNTY DATUM
BASED ON INVERT ELEVATION OF SEWER
MANHOLE NO. 31 AS SHOWN ON
"MILLWOOD-NORTHWOOD SEWER
EXTENSION PLAN" SHEET B OF 21.
ELEVATION=1956.64

I HAVE REVIEWED THE CONSTRUCTION AND TO MY
KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE
WITH THE APPROVED CERTIFIED PLANS AND STANDARD
SPECIFICATIONS EXCEPT AS NOTED.



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT # P-1864
DATE ACCEPTED: 10/23/06

EXPRES 11/21/07

DEVELOPER'S APPROVAL

DATE

P-1864A C1.01 As-Built

L:\308-135\Fraser Estates - info\spokane\sheet c.dwg, C1.01, 06/27/2006 3:52:56 PM, 11

RECORD DRAWING

COUNTY DATUM
BASED ON INVERT ELEVATION OF SEWER
MANHOLE NO. 31 AS SHOWN ON
MILLWOOD-NORTHWOOD SEWER
EXTENSION PLAN SHEET 8 OF 21,
ELEVATION=1956.64

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

Associates, Inc.
Planning
Architecture
Landscape Architecture
Land Surveying
901 N. 7th Avenue, Suite 200
Spokane, WA 99201
Ph: 1509-662-8441

DAVID N. RANDALL
REGISTERED PROFESSIONAL ENGINEER
EXPIRES: 07/04/04

PREPARED UNDER THE DIRECT
SUPERVISION OF
DAVID N. RANDALL, P.E.
MEMBER OF REGISTRATION
NO. 30068
FOR AND ON BEHALF OF
OLC ASSOCIATES, INC.

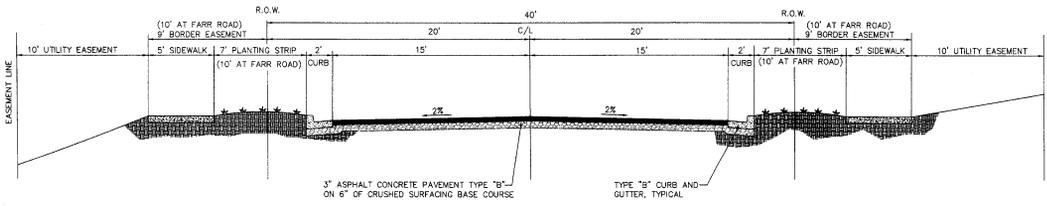
DATE: 07/20/03
REVISION: 08/21/03
DESCRIPTION: ORIGINAL PREPARATION
BY: J.P./J.P./J.P.
BY: ALLWEST TESTING
AND ENGINEERING

Spokane Co. No. P-1854
OLC Job Number: S9921268
Drawn By: RLM
Designed By: RLM
Checked By: DHR
DATE: 07/20/03

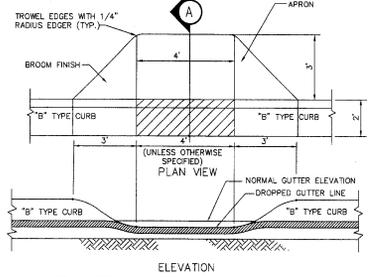
THIS IS AN SET AGREEMENT OF PROFESSIONAL
FEES AND SERVICES OF ASSOCIATES, INC.
FOR THE DESIGN AND CONSTRUCTION OF
THE PROJECT. THE PROJECT IS SUBJECT TO
THE TERMS AND CONDITIONS OF THE
ASSOCIATES, INC. CONTRACT NO. 03-001

STREET AND DRAINAGE CONSTRUCTION PLANS
FRASER ESTATES FIRST ADDITION
SECTIONS AND DETAILS
SPOKANE COUNTY, WASHINGTON

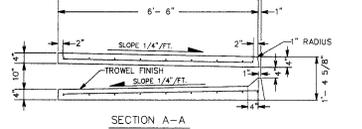
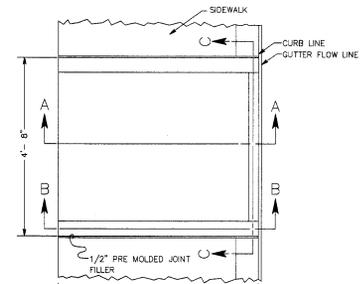
STREET
SECTIONS
AND DETAILS
C1.02
Sheet Number



TYPICAL SECTION (INTERIOR OF PLAT)
NOT TO SCALE

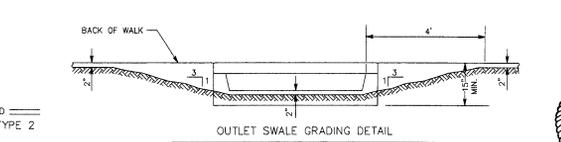
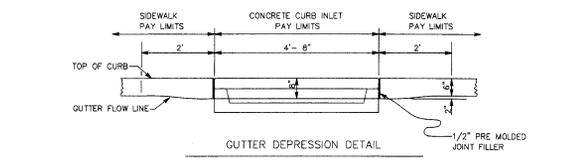
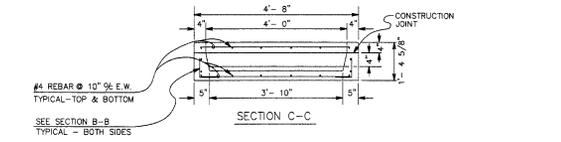


ELEVATION
SECTION A
CURB INLET - "B" TYPE CURB DETAIL
NOT TO SCALE



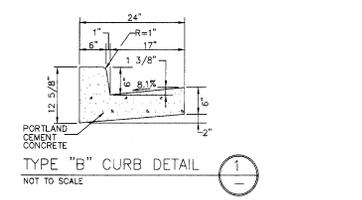
SECTION A-A
SECTION B-B
REBAR PLACEMENT
SPECIAL CURB INLET
STANDARD
CURB INLET TYPE 2

GENERAL NOTES
1. CURB INLET SHALL BE CONSTRUCTED IN ACCORDANCE WITH A.S.T.M. C 478 (A.A.S.H.T.O. M 195) & A.S.T.M. C 890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE PROJECT SPECIAL PROVISIONS.
2. TOP SURFACE TO BE BROOM FINISHED.
3. ALL EXTERNAL EDGES NOT LABELED SHALL BE TROWELED WITH 1/4" RADIUS EDGER.



SECTION C-C
GUTTER DEPRESSION DETAIL
OUTLET SWALE GRADING DETAIL

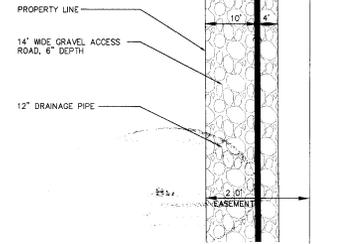
CURB INLET TYPE "2" DETAIL
NOT TO SCALE



TYPE "B" CURB DETAIL
NOT TO SCALE



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.



ACCESS ROAD FOR MAINTENANCE VEHICLES
NOT TO SCALE

DEVELOPER'S APPROVAL

DATE

P884A Eng HS Build

RECORD DRAWING

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
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ASSOCIATES, INC.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
200 W. W. RAY
Spokane, WA 99201
Phone: (509) 425-2000
Fax: (509) 425-2000
Fax: (509) 425-2044



PREPARED UNDER THE DIRECT
SUPERVISION OF
TRACY W. RASMUSSEN, P.E.
WASHINGTON REGISTRATION NO. 12345
FOR AND ON BEHALF OF
CLC ASSOCIATES, INC.

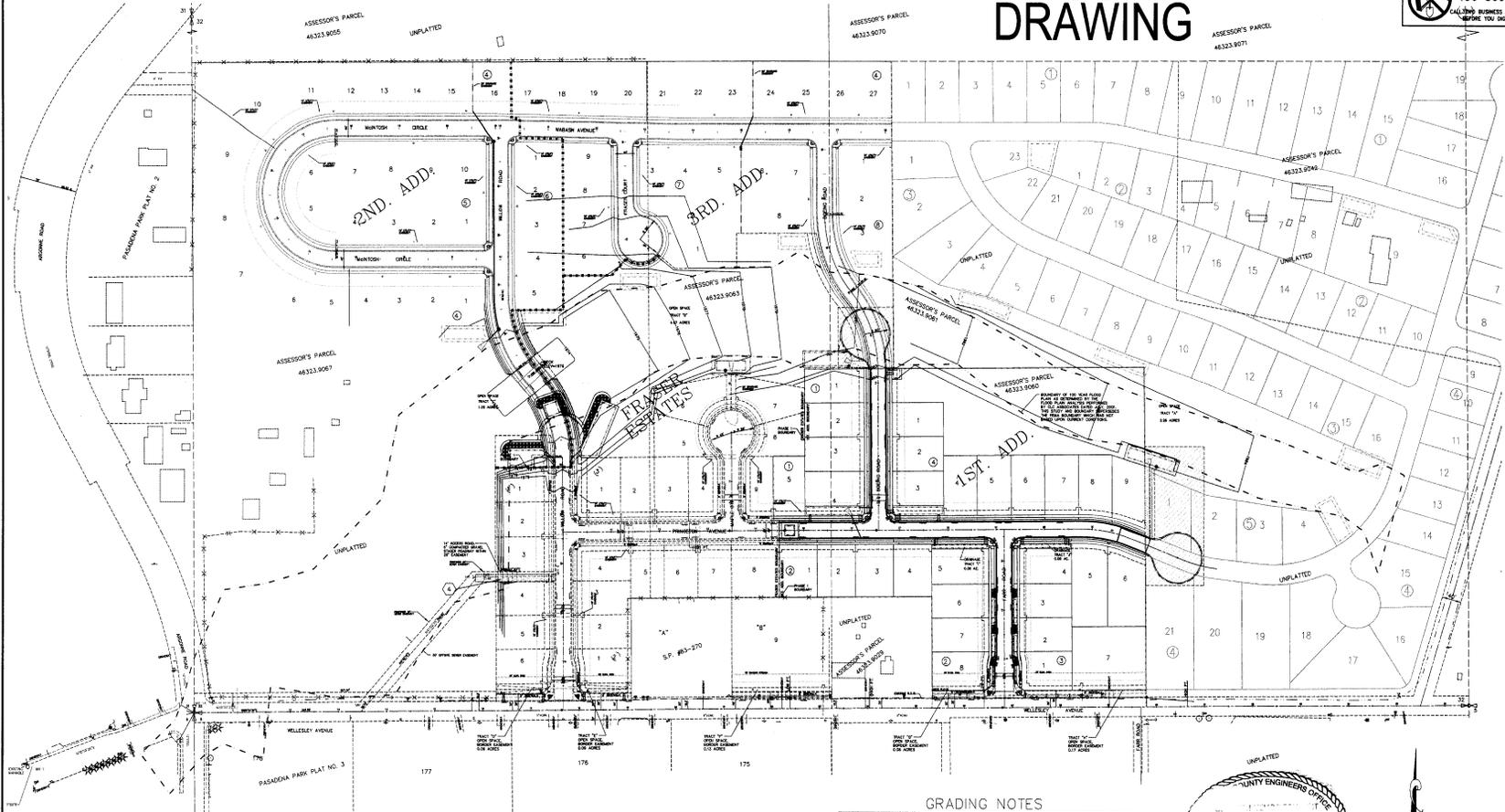
DATE: 02/21/04
DESIGNED BY: MUM
CHECKED BY: DNR
PROJECT: FRASER ESTATES
BY: ALAN GUST TESTINO
AND ENGINEERING

Spokane County No. P-1864
CLC Job Number: S9901268
Drawn By: RLM MUM
Checked By: DNR

THIS PLAN AND SPECIFICATIONS TO ACCOMPANY THEREON ARE HEREBY SUBMITTED TO THE SPOKANE COUNTY ENGINEERING DEPARTMENT FOR REVIEW AND RECORD. THE SPOKANE COUNTY ENGINEERING DEPARTMENT WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS PLAN OR SPECIFICATIONS OR FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS PLAN OR SPECIFICATIONS.

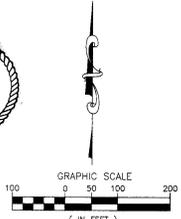
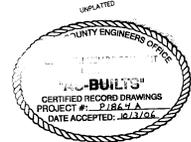
STREET CONSTRUCTION PLANS
FRASER ESTATES FIRST ADDITION
GRADING PLAN
SPOKANE COUNTY, WASHINGTON

Street Title
GRADING
PLAN
C1.02A
Sheet Number



GRADING NOTES

- EXCAVATION AND EMBANKMENT BANKS AND ALL DISTURBED AREAS WILL REQUIRE STABILIZATION WITH HYDROSEEDING METHODS. THE SEED MIXTURE SHALL CONSIST OF THE FOLLOWING GRASS SPECIES:
10% ELKA PERENNIAL RYE
20% DURAN HARD FESCUE
45% COVAR SHEEP / FESCUE
10% REUBENS CANADIAN BLUEGRASS
GRASS SEED: 90 LBS. / ACRE
FERTILIZER: 16-16-16- TIMED RELEASE AT 300 LBS. / ACRE
- ALL SEEDING OF SLOPES SHALL BE PERFORMED IN ACCORDANCE WITH W.S.D.T. STANDARD SPECIFICATIONS SECTION 8-01, AND APPENDIX "E" OF THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT.
- THE BANK AREAS WITH SLOPES OF 2:1 OR GREATER SHALL BE PLANTED WITH NATURALLY OCCURRING SHRUBS TO PREVENT EROSION DURING A STORM EVENT.
- GRADING OF THE ACCESS ROAD SHALL PROVIDE FOR ROADWAY SLOPES OF 10:1 MAXIMUM AT THE LOCATION SHOWN.



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

COUNTY DATUM
BASED ON INVERT ELEVATION OF SEWER
MANHOLE NO. 31 AS SHOWN ON
MILLWOOD-NORTHWOOD SEWER
EXTENSION PLAN SHEET 8 OF 21,
ELEVATION=1956.64

DEVELOPER'S APPROVAL

DATE

P 1804A Eng As Built

SW. 1/4 SECTION 32, T.26 N., R.44 E., W.M.
SPOKANE COUNTY, WASHINGTON

CONSTRUCTION NOTES

- 1 PROVIDE AND INSTALL CURB RAMP "DESIGN B" PER SPOKANE COUNTY STANDARD PLAN A-5.
- 2 PROVIDE AND INSTALL STREET SIGN PER SPOKANE COUNTY STANDARD PLAN "A-16" AND M.U.T.C.D.
- 3 REMOVE EXISTING 20B SWALE. REMOVE EXISTING DRYWELL METAL FRAME AND COVER. BREAK DOWN EXISTING DRYWELL WALLS AND BACKFILL WITH GRAVEL.
- 4 PROVIDE AND INSTALL CURB INLET TYPE "1" AND "2" PER SPOKANE COUNTY STANDARD PLANS "B-5" AND "B-7". SEE SHEET C1.02 AND SECTION "B" SHEET C1.06.
- 5 PROVIDE AND INSTALL CONCRETE INLET TYPE "1" WITH METAL FRAME TYPE "2" AND GRATE TYPE "3" PER SPOKANE COUNTY STANDARD PLAN "B-5", "B-11", AND "B-14."
- 6 PROVIDE AND INSTALL S1.57 L.F. OF 12" N-12 ADS, OR EQUAL, I.E.(S)-1982.65, I.E.(N)-1982.40. S=-0.0050.
- 7 PROVIDE AND INSTALL CONCRETE INLET TYPE "1" WITH METAL FRAME TYPE "2" AND GRATE TYPE "1" PER SPOKANE COUNTY STANDARD PLAN "B-5", "B-11" AND "B-12."
- 8 SEE THIS SHEET FOR PROFILE OF TEMPORARY-GRAVEL-CUL-DE-SAC.
- 9 PROVIDE AND INSTALL W.S.D.O.T. GRATE INLET TYPE "2" PER STANDARD PLAN B-4c.
- 10 PROVIDE AND INSTALL 1.00' DEEP DITCH WITH 2:1 SIDE SLOPES. LINE DITCH WITH 50D OR GRASS TURF.

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

Associates, Inc.
Planning
Architecture
Landscape Architecture
Land Surveying
200 N. W. 20th, Suite 200
Spokane, WA 99201
Phone: (509) 486-1900
Fax: (509) 486-9344

SPokane County
SEWER & WATER
DIVISION
EXPRES 07/24/04

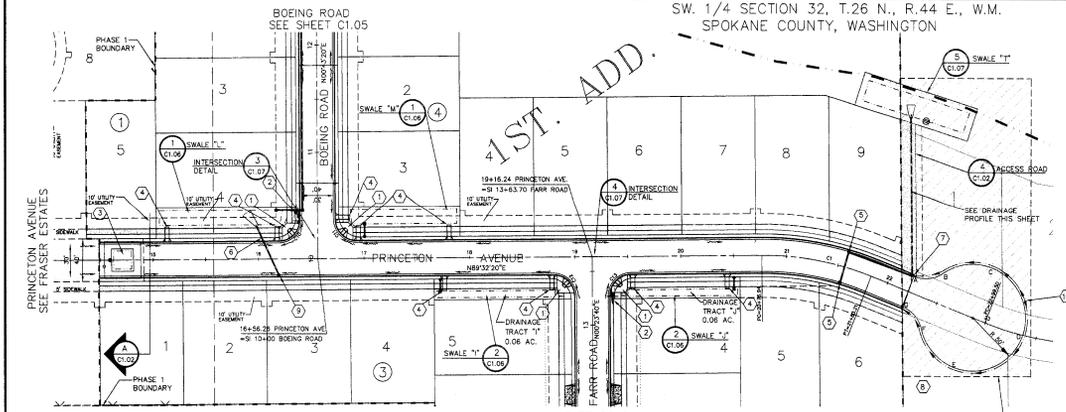
PREPARED UNDER THE DIRECT SUPERVISION OF THE DESIGN PROFESSIONAL ENGINEER
WASHINGTON REGISTRATION NO. 20884
7/26 AND ON BEHALF OF
CIC ASSOCIATES, INC.

DATE: 7/21/04
DESIGNER: RDM
DRAWN BY: RDM
CHECKED BY: DNR
DATE ACCEPTED: 08/23/04

Spokane County No. P-1884
CLC Job Number: WJ00126
Drawn By: RDM
Designed By: DNR
Checked By: DNR
DATE: 7/21/04

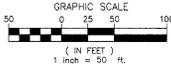
STREET AND DRAINAGE CONSTRUCTION PLANS
FRASER ESTATES, FIRST ADDITION
PRINCETON AVENUE
STA. 14+48.66 TO STA. 22+14.78
SPOKANE COUNTY, WASHINGTON

Street Title
PRINCETON AVENUE
PLAN AND PROFILE
C1.03
Street Number



CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	275.00	106.27	53.61	105.61	22°08'28"
C10	20.00	31.39	19.98	28.27	88°26'00"
C11	20.00	31.44	20.02	28.30	90°33'50"
C12	20.00	31.44	20.02	28.30	90°34'00"
C13	20.00	31.39	19.98	28.27	88°26'00"



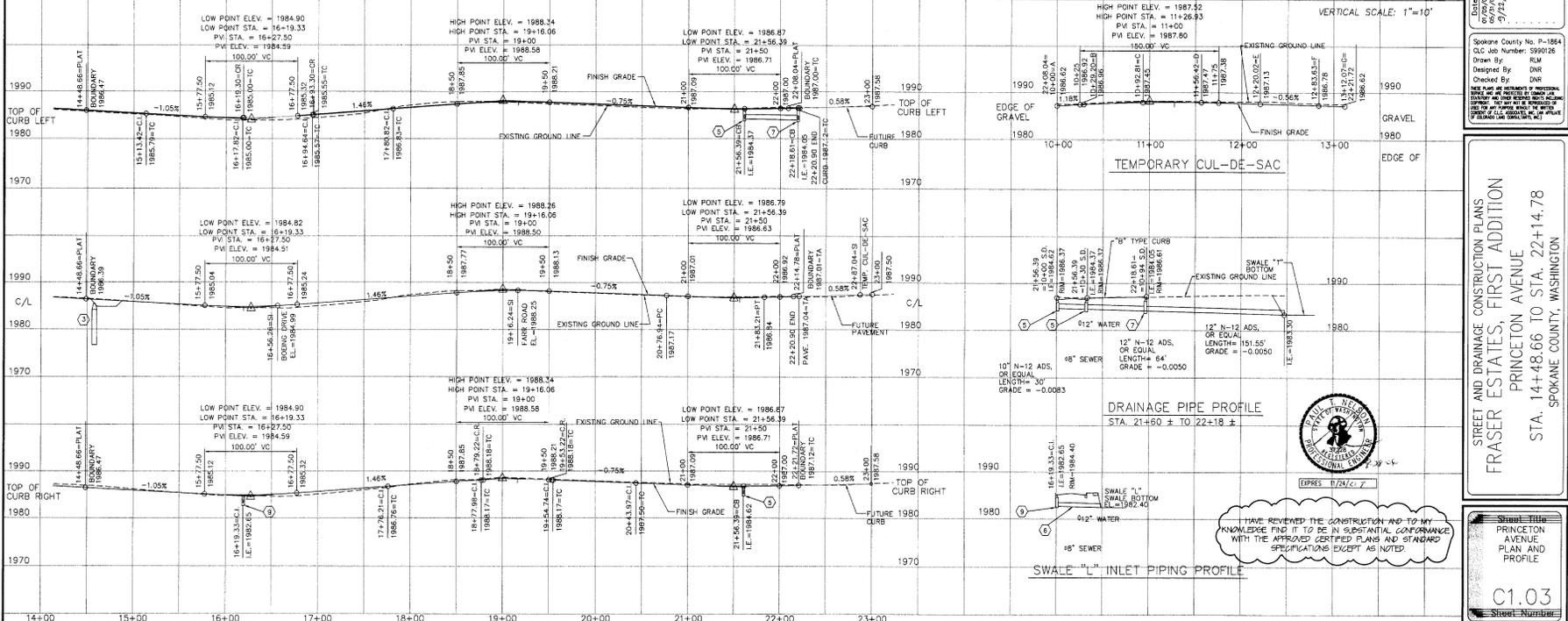
TEMPORARY TURN AROUND:
SEWER AND DRAINAGE EASEMENT
DOCUMENT RECORD NO. 43584-1
SEE FRASER ESTATES EAST

RECORD DRAWING

Spokane County ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILT'S"
CERTIFIED RECORD DRAWINGS
PROJECT # P 1884
DATE ACCEPTED: 08/23/04

DEVELOPER'S APPROVAL _____ DATE _____

COUNTY DATUM
BASED ON INVERT ELEVATION OF SEWER MANHOLE NO. 31 AS SHOWN ON MILLWOOD-NORTHWOOD SEWER EXTENSION PLAN SHEET 8 OF 21. ELEVATION=1956.64



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED

SPokane County
SEWER & WATER
DIVISION
EXPRES 07/24/04

RECORD DRAWING

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ONE-CALL NUMBER
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BEFORE YOU DIG

Associates, Inc.
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Land Surveying
200 W. 1st Avenue, Suite 200
Spokane, WA 99201
Tel: (509) 48-9844

TRAYLOR N. NEIBOLD
REGISTERED PROFESSIONAL ENGINEER
EXPIRES: 07/24/04

PREPARED UNDER THE DIRECT
SUPERVISION OF
TRAYLOR N. NEIBOLD
REGISTERED PROFESSIONAL ENGINEER
WASHINGTON REGISTRATION
NO. 11777
FOR AND ON BEHALF OF
CLC ASSOCIATES, INC.

DATE: 07/24/04
DESIGNATION: ORIGINAL PREPARATION
REVISIONS PER SPOKANE COUNTY ENGINEERS
STANDARD PLAN A-16
BY: ALLWEST TESTING
AND ENGINEERING

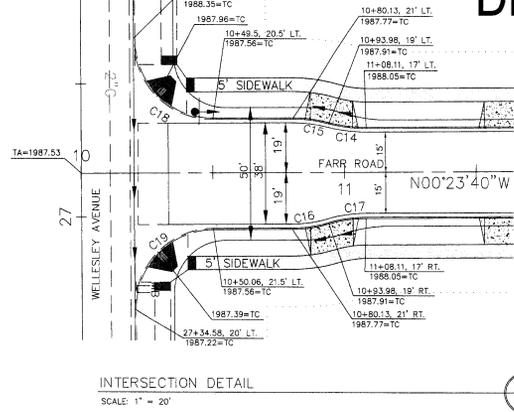
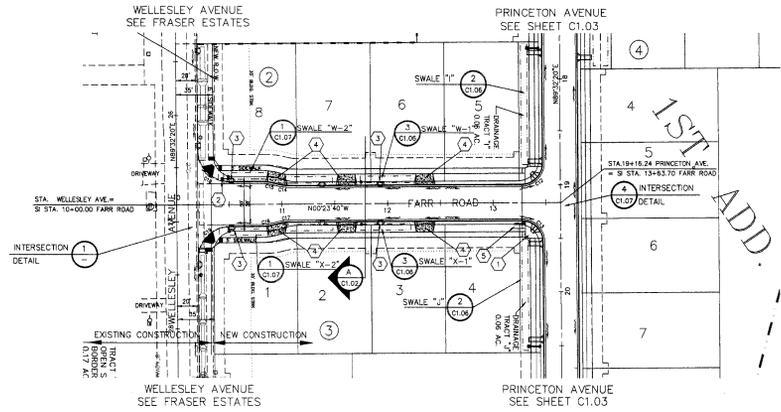
Spokane County No. P-1864
CLC Job Number: S9901268
Drawn by: RLM
Designed by: RLM
Checked by: DNR

THIS PLAN AND ALL ATTACHMENTS IF APPLICABLE
HAVE BEEN REVIEWED BY SPOKANE COUNTY ENGINEERS
AND FOUND TO BE IN SUBSTANTIAL CONFORMANCE
WITH THE APPROVED CERTIFIED PLANS AND STANDARD
SPECIFICATIONS EXCEPT AS NOTED

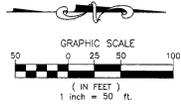
STREET AND DRAINAGE CONSTRUCTION PLANS
FRASER ESTATES, FIRST ADDITION
FARR ROAD
STA. 10+00 TO STA. 13+63.70
SPOKANE COUNTY, WASHINGTON

Sheet Title
FARR ROAD
PLAN AND
PROFILE
C1.04
Sheet Number

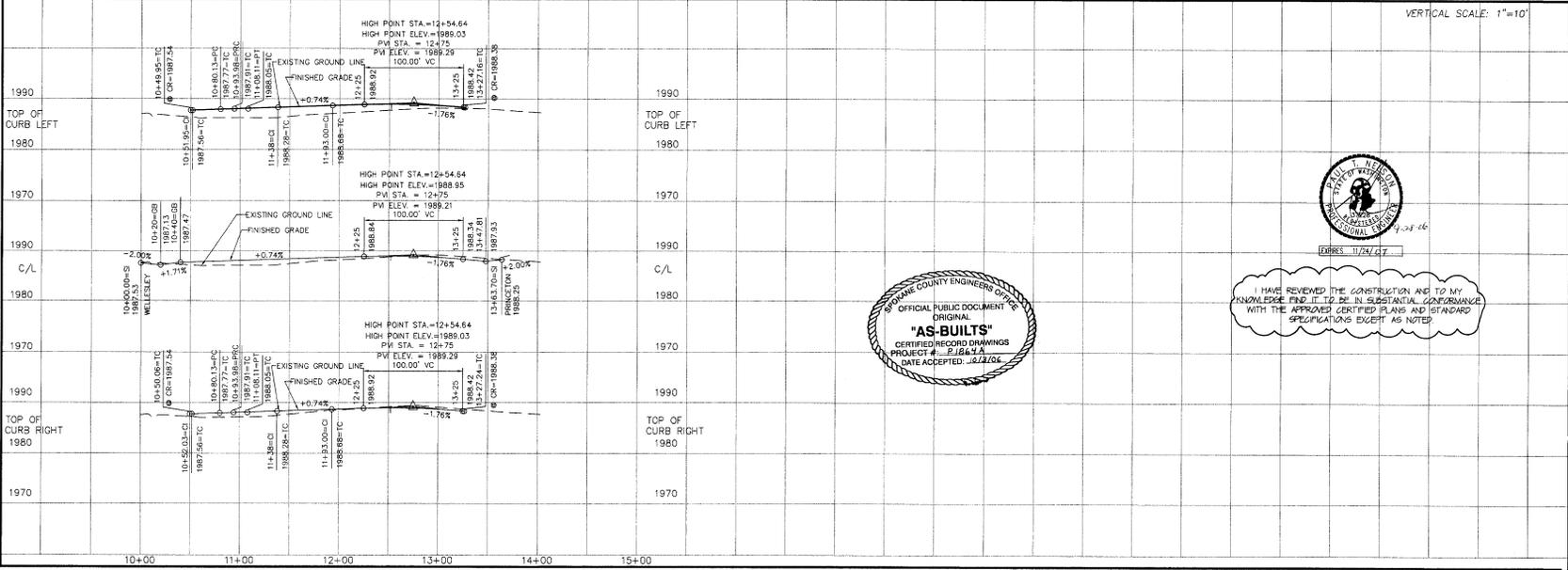
- ### CONSTRUCTION NOTES
- SEE SHEET C1.03 FOR CURB RAMP CALLOUT
 - PROVIDE AND INSTALL STOP/STREET SIGN PER M.U.T.C.D. AND SPOKANE COUNTY STANDARD PLAN A-16.
 - PROVIDE AND INSTALL CURB INLET TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-6. SEE DETAIL 2, SHEET C1.02.
 - CENTERLINES OF THE DRIVEWAYS FOR LOTS 6, 7 AND 8 OF BLOCK 2 AND LOTS 1, 2 AND 3 OF BLOCK 3 ARE SHOWN DUE TO CONFIGURATION OF PROPOSED SWALES.
 - PROVIDE AND INSTALL STREET SIGN PER M.U.T.C.D. AND SPOKANE COUNTY STANDARD PLAN A-16.



CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C12	20.00	31.44	20.02	28.30	90°04'00"
C13	20.00	31.39	19.98	28.27	89°56'01"
C14	50.00	14.32	7.31	14.27	161°14'56"
C15	49.50	14.04	7.07	13.99	161°15'31"
C16	49.50	14.05	7.07	14.01	161°16'01"
C17	50.00	14.34	7.32	14.29	161°16'19"
C18	30.00	47.09	29.57	42.40	89°56'18"
C19	30.00	47.16	30.03	42.45	90°03'42"



COUNTY DATUM
BASED ON INVERT ELEVATION OF SEWER
MANHOLE NO. 31 AS SHOWN ON
MILWOOD-NORTHWOOD SEWER
EXTENSION PLAN SHEET 8 OF 21,
ELEVATION=1956.64



TRAYLOR N. NEIBOLD
REGISTERED PROFESSIONAL ENGINEER
EXPIRES: 07/24/04

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT # 21864.2
DATE ACCEPTED: 08/24/04

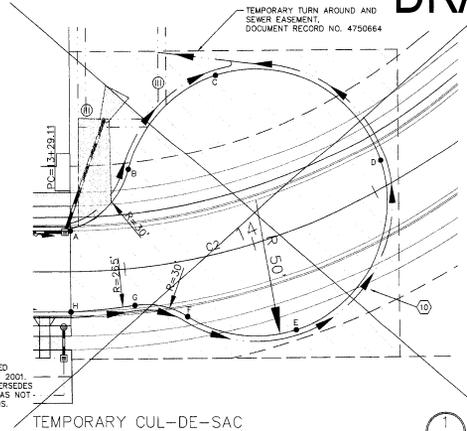
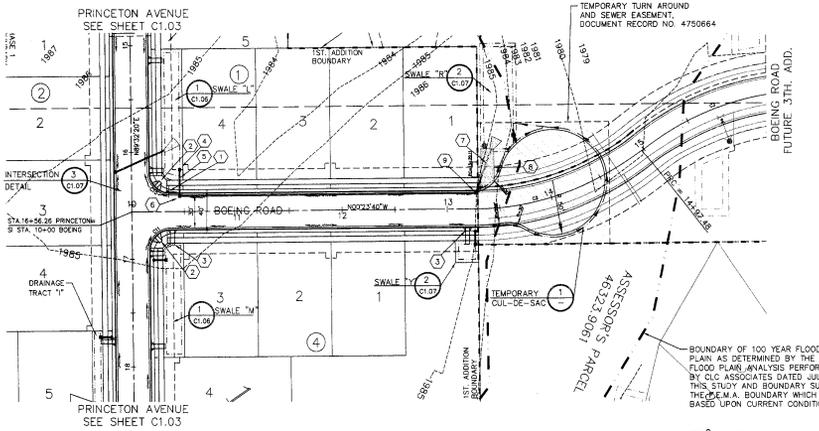
I HAVE REVIEWED THE CONSTRUCTION AND TO MY
KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE
WITH THE APPROVED CERTIFIED PLANS AND STANDARD
SPECIFICATIONS EXCEPT AS NOTED

L:\006-135 Fraser Estates 1stAddition.dwg, C1.04, 8/27/2006, 3:53:34 PM, 11

RECORD DRAWING

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

Associates, Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
1000 N. 10th Ave. 200
Spokane, WA 99207-5400
Ph: (509) 486-5400
Fax: (509) 486-0044

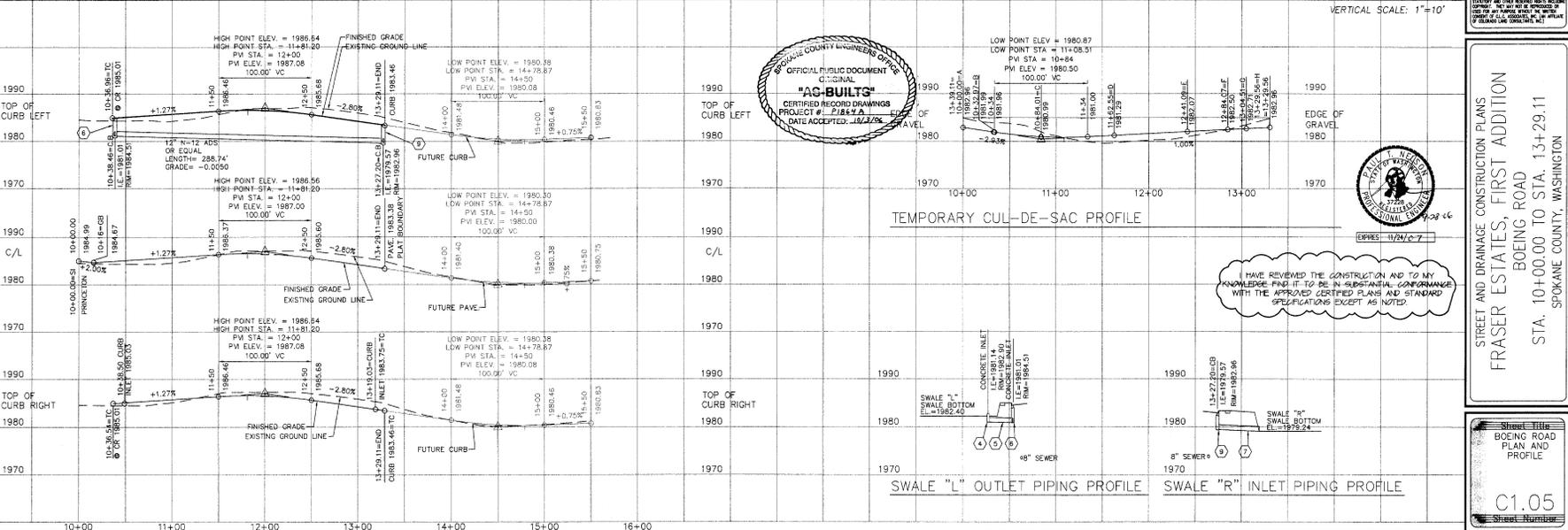


- ### CONSTRUCTION NOTES
- SEE SHEET C1.03, PRINCETON AVENUE FOR SIGN CALLOUTS.
 - SEE SHEET C1.03 PRINCETON AVENUE FOR CURB RAMP CALLOUTS.
 - PROVIDE AND INSTALL CURB INLET TYPE "1" AND TYPE "2" PER SPOKANE COUNTY STANDARD PLAN B-8 AND B-9. SEE SECTION 7.1, SHEET C1.06, AND DETAIL 3, SHEET C1.02.
 - PROVIDE AND INSTALL CONCRETE INLET TYPE "1", FRAME TYPE "2" AND GRATE TYPE "2" PER SPOKANE COUNTY STANDARD PLAN B-8, B-11, AND B-13.
 - PROVIDE AND INSTALL 25 L.F. OF 12" N-12 ADS, OR EQUAL I.E.(W)=1981.14, I.E.(E)=1981.01.
 - PROVIDE AND INSTALL CONCRETE INLET TYPE "1", FRAME TYPE "1" AND GRATE TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-8, B-11, AND B-14.
 - PROVIDE AND INSTALL 46 L.F. OF 12" N-12 ADS, OR EQUAL I.E.(SE)=1979.57, I.E.(NW)=1979.24.
 - ACCESS ROAD-SEE DETAIL 4.0-SHEET C1.02
 - PROVIDE AND INSTALL W.S.D.O.T. GRATE INLET TYPE "2" PER STANDARD PLAN B-4C.
 - PROVIDE AND INSTALL 100' DEEP DITCH WITH 2:1 SLOPES- LINE DITCH WITH 500' OR GRASS-TURN-

DITCH ELEVATIONS

POINT	ELEVATION
A	1982.46
B	1981.49
C	1980.49
LOW POINT	1980.37
D	1980.79
E	1981.37
F	1982.00
G	1982.21
H	1982.46

COUNTY DATUM
BASED ON INVERT ELEVATION OF SEWER MANHOLE NO. 31 AS SHOWN ON "MILLWOOD-NORTHWOOD SEWER EXTENSION PLAN" SHEET 8 OF 21, ELEVATION=1958.64



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED



DEVELOPER'S APPROVAL _____ DATE _____

STREET AND DRAINAGE CONSTRUCTION PLANS
FRASER ESTATES, FIRST ADDITION
BOEING ROAD
STA. 10+00.00 TO STA. 13+29.11
SPOKANE COUNTY, WASHINGTON

Sheet Title
BOEING ROAD PLAN AND PROFILE
C1.05
Sheet Number

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

ASSESSOR'S
46323.9061
**RECORD
DRAWING**

Assoc. Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
1118 N. Regis, Suite 300
Spokane, WA 99204
Phone (509) 325-8844
Fax (509) 325-8844



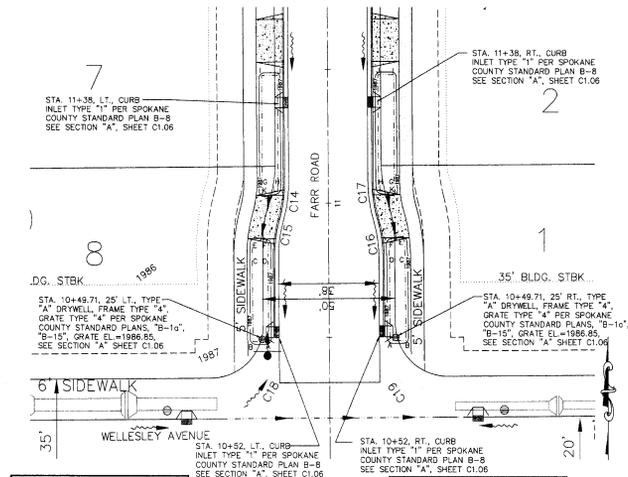
PREPARED UNDER THE DIRECT
SUPERVISION OF
PATRICK A. RANDALL, P.E.
WASHINGTON REGISTRATION
NO. 23848
FOR AND ON BEHALF OF
CFC ASSOCIATES, INC.

DATE Description
07/27/02 ORIGINAL PREPARATION
07/25/04 RECORDED DRAWING
07/25/04 BY ALLIEST TESTING
AND ENGINEERING

Spokane Co. No. P-1864
CLC Job Number: 59901268
Drawn By: RLM
Designed By: RLM
Checked By: DNR
Reviewed By: DNR

STREET AND DRAINAGE CONSTRUCTION PLANS
FRASER ESTATES FIRST ADDITION
DRAINAGE SWALES AND DETAILS
SPOKANE COUNTY, WASHINGTON

Street Title
DRAINAGE
SWALES AND
DETAILS
C1.07
Street Number



SWALE BOTTOM LOCATION TABLE
FARR ROAD STATION & OFFSET

POINT	STATION	OFFSET
A	10+49.50	13.00 L.T.
B	10+49.50	23.00 L.T.
C	10+49.50	33.00 L.T.
D	10+49.50	43.00 L.T.
E	10+49.50	53.00 L.T.
F	10+49.50	63.00 L.T.
G	10+49.50	73.00 L.T.
H	11+08.00	13.00 L.T.
I	11+08.00	23.00 L.T.
J	11+47.98	13.00 L.T.
K	11+47.98	23.00 L.T.
L	11+47.98	33.00 L.T.
M	11+47.98	43.00 L.T.
N	11+47.98	53.00 L.T.
O	11+47.98	63.00 L.T.
P	11+47.98	73.00 L.T.
Q	11+47.98	83.00 L.T.
R	11+47.98	93.00 L.T.
S	11+47.98	103.00 L.T.
T	11+47.98	113.00 L.T.
U	11+47.98	123.00 L.T.
V	11+47.98	133.00 L.T.
W	11+47.98	143.00 L.T.
X	11+47.98	153.00 L.T.
Y	11+47.98	163.00 L.T.
Z	11+47.98	173.00 L.T.
AA	11+47.98	183.00 L.T.
AB	11+47.98	193.00 L.T.
AC	11+47.98	203.00 L.T.
AD	11+47.98	213.00 L.T.
AE	11+47.98	223.00 L.T.
AF	11+47.98	233.00 L.T.
AG	11+47.98	243.00 L.T.
AH	11+47.98	253.00 L.T.
AI	11+47.98	263.00 L.T.
AJ	11+47.98	273.00 L.T.
AK	11+47.98	283.00 L.T.
AL	11+47.98	293.00 L.T.
AM	11+47.98	303.00 L.T.
AN	11+47.98	313.00 L.T.
AO	11+47.98	323.00 L.T.
AP	11+47.98	333.00 L.T.
AQ	11+47.98	343.00 L.T.
AR	11+47.98	353.00 L.T.
AS	11+47.98	363.00 L.T.
AT	11+47.98	373.00 L.T.
AU	11+47.98	383.00 L.T.
AV	11+47.98	393.00 L.T.
AW	11+47.98	403.00 L.T.
AX	11+47.98	413.00 L.T.
AY	11+47.98	423.00 L.T.
AZ	11+47.98	433.00 L.T.
BA	11+47.98	443.00 L.T.
BB	11+47.98	453.00 L.T.
BC	11+47.98	463.00 L.T.
BD	11+47.98	473.00 L.T.
BE	11+47.98	483.00 L.T.
BF	11+47.98	493.00 L.T.
BG	11+47.98	503.00 L.T.
BH	11+47.98	513.00 L.T.
BI	11+47.98	523.00 L.T.
BJ	11+47.98	533.00 L.T.
BK	11+47.98	543.00 L.T.
BL	11+47.98	553.00 L.T.
BM	11+47.98	563.00 L.T.
BN	11+47.98	573.00 L.T.
BO	11+47.98	583.00 L.T.
BP	11+47.98	593.00 L.T.
BQ	11+47.98	603.00 L.T.
BR	11+47.98	613.00 L.T.
BS	11+47.98	623.00 L.T.
BT	11+47.98	633.00 L.T.
BU	11+47.98	643.00 L.T.
BV	11+47.98	653.00 L.T.
BW	11+47.98	663.00 L.T.
BX	11+47.98	673.00 L.T.
BY	11+47.98	683.00 L.T.
BZ	11+47.98	693.00 L.T.
CA	11+47.98	703.00 L.T.
CB	11+47.98	713.00 L.T.
CC	11+47.98	723.00 L.T.
CD	11+47.98	733.00 L.T.
CE	11+47.98	743.00 L.T.
CF	11+47.98	753.00 L.T.
CG	11+47.98	763.00 L.T.
CH	11+47.98	773.00 L.T.
CI	11+47.98	783.00 L.T.
CJ	11+47.98	793.00 L.T.
CK	11+47.98	803.00 L.T.
CL	11+47.98	813.00 L.T.
CM	11+47.98	823.00 L.T.
CN	11+47.98	833.00 L.T.
CO	11+47.98	843.00 L.T.
CP	11+47.98	853.00 L.T.
CQ	11+47.98	863.00 L.T.
CR	11+47.98	873.00 L.T.
CS	11+47.98	883.00 L.T.
CT	11+47.98	893.00 L.T.
CU	11+47.98	903.00 L.T.
CV	11+47.98	913.00 L.T.
CW	11+47.98	923.00 L.T.
CX	11+47.98	933.00 L.T.
CY	11+47.98	943.00 L.T.
CA	11+47.98	953.00 L.T.
CB	11+47.98	963.00 L.T.
CC	11+47.98	973.00 L.T.
CD	11+47.98	983.00 L.T.
CE	11+47.98	993.00 L.T.
CF	11+47.98	1003.00 L.T.
CG	11+47.98	1013.00 L.T.
CH	11+47.98	1023.00 L.T.
CI	11+47.98	1033.00 L.T.
CJ	11+47.98	1043.00 L.T.
CK	11+47.98	1053.00 L.T.
CL	11+47.98	1063.00 L.T.
CM	11+47.98	1073.00 L.T.
CN	11+47.98	1083.00 L.T.
CO	11+47.98	1093.00 L.T.
CP	11+47.98	1103.00 L.T.
CQ	11+47.98	1113.00 L.T.
CR	11+47.98	1123.00 L.T.
CS	11+47.98	1133.00 L.T.
CT	11+47.98	1143.00 L.T.
CU	11+47.98	1153.00 L.T.
CV	11+47.98	1163.00 L.T.
CW	11+47.98	1173.00 L.T.
CX	11+47.98	1183.00 L.T.
CY	11+47.98	1193.00 L.T.
CA	11+47.98	1203.00 L.T.
CB	11+47.98	1213.00 L.T.
CC	11+47.98	1223.00 L.T.
CD	11+47.98	1233.00 L.T.
CE	11+47.98	1243.00 L.T.
CF	11+47.98	1253.00 L.T.
CG	11+47.98	1263.00 L.T.
CH	11+47.98	1273.00 L.T.
CI	11+47.98	1283.00 L.T.
CJ	11+47.98	1293.00 L.T.
CK	11+47.98	1303.00 L.T.
CL	11+47.98	1313.00 L.T.
CM	11+47.98	1323.00 L.T.
CN	11+47.98	1333.00 L.T.
CO	11+47.98	1343.00 L.T.
CP	11+47.98	1353.00 L.T.
CQ	11+47.98	1363.00 L.T.
CR	11+47.98	1373.00 L.T.
CS	11+47.98	1383.00 L.T.
CT	11+47.98	1393.00 L.T.
CU	11+47.98	1403.00 L.T.
CV	11+47.98	1413.00 L.T.
CW	11+47.98	1423.00 L.T.
CX	11+47.98	1433.00 L.T.
CY	11+47.98	1443.00 L.T.
CA	11+47.98	1453.00 L.T.
CB	11+47.98	1463.00 L.T.
CC	11+47.98	1473.00 L.T.
CD	11+47.98	1483.00 L.T.
CE	11+47.98	1493.00 L.T.
CF	11+47.98	1503.00 L.T.
CG	11+47.98	1513.00 L.T.
CH	11+47.98	1523.00 L.T.
CI	11+47.98	1533.00 L.T.
CJ	11+47.98	1543.00 L.T.
CK	11+47.98	1553.00 L.T.
CL	11+47.98	1563.00 L.T.
CM	11+47.98	1573.00 L.T.
CN	11+47.98	1583.00 L.T.
CO	11+47.98	1593.00 L.T.
CP	11+47.98	1603.00 L.T.
CQ	11+47.98	1613.00 L.T.
CR	11+47.98	1623.00 L.T.
CS	11+47.98	1633.00 L.T.
CT	11+47.98	1643.00 L.T.
CU	11+47.98	1653.00 L.T.
CV	11+47.98	1663.00 L.T.
CW	11+47.98	1673.00 L.T.
CX	11+47.98	1683.00 L.T.
CY	11+47.98	1693.00 L.T.
CA	11+47.98	1703.00 L.T.
CB	11+47.98	1713.00 L.T.
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CD	11+47.98	1733.00 L.T.
CE	11+47.98	1743.00 L.T.
CF	11+47.98	1753.00 L.T.
CG	11+47.98	1763.00 L.T.
CH	11+47.98	1773.00 L.T.
CI	11+47.98	1783.00 L.T.
CJ	11+47.98	1793.00 L.T.
CK	11+47.98	1803.00 L.T.
CL	11+47.98	1813.00 L.T.
CM	11+47.98	1823.00 L.T.
CN	11+47.98	1833.00 L.T.
CO	11+47.98	1843.00 L.T.
CP	11+47.98	1853.00 L.T.
CQ	11+47.98	1863.00 L.T.
CR	11+47.98	1873.00 L.T.
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CT	11+47.98	1893.00 L.T.
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CY	11+47.98	1943.00 L.T.
CA	11+47.98	1953.00 L.T.
CB	11+47.98	1963.00 L.T.
CC	11+47.98	1973.00 L.T.
CD	11+47.98	1983.00 L.T.
CE	11+47.98	1993.00 L.T.
CF	11+47.98	2003.00 L.T.
CG	11+47.98	2013.00 L.T.
CH	11+47.98	2023.00 L.T.
CI	11+47.98	2033.00 L.T.
CJ	11+47.98	2043.00 L.T.
CK	11+47.98	2053.00 L.T.
CL	11+47.98	2063.00 L.T.
CM	11+47.98	2073.00 L.T.
CN	11+47.98	2083.00 L.T.
CO	11+47.98	2093.00 L.T.
CP	11+47.98	2103.00 L.T.
CQ	11+47.98	2113.00 L.T.
CR	11+47.98	2123.00 L.T.
CS	11+47.98	2133.00 L.T.
CT	11+47.98	2143.00 L.T.
CU	11+47.98	2153.00 L.T.
CV	11+47.98	2163.00 L.T.
CW	11+47.98	2173.00 L.T.
CX	11+47.98	2183.00 L.T.
CY	11+47.98	2193.00 L.T.
CA	11+47.98	2203.00 L.T.
CB	11+47.98	2213.00 L.T.
CC	11+47.98	2223.00 L.T.
CD	11+47.98	2233.00 L.T.
CE	11+47.98	2243.00 L.T.
CF	11+47.98	2253.00 L.T.
CG	11+47.98	2263.00 L.T.
CH	11+47.98	2273.00 L.T.
CI	11+47.98	2283.00 L.T.
CJ	11+47.98	2293.00 L.T.
CK	11+47.98	2303.00 L.T.
CL	11+47.98	2313.00 L.T.
CM	11+47.98	2323.00 L.T.
CN	11+47.98	2333.00 L.T.
CO	11+47.98	2343.00 L.T.
CP	11+47.98	2353.00 L.T.
CQ	11+47.98	2363.00 L.T.
CR	11+47.98	2373.00 L.T.
CS	11+47.98	2383.00 L.T.
CT	11+47.98	2393.00 L.T.
CU	11+47.98	2403.00 L.T.
CV	11+47.98	2413.00 L.T.
CW	11+47.98	2423.00 L.T.
CX	11+47.98	2433.00 L.T.
CY	11+47.98	2443.00 L.T.
CA	11+47.98	2453.00 L.T.
CB	11+47.98	2463.00 L.T.
CC	11+47.98	2473.00 L.T.
CD	11+47.98	2483.00 L.T.
CE	11+47.98	2493.00 L.T.
CF	11+47.98	2503.00 L.T.
CG	11+47.98	2513.00 L.T.
CH	11+47.98	2523.00 L.T.
CI	11+47.98	2533.00 L.T.
CJ	11+47.98	2543.00 L.T.
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CL	11+47.98	2563.00 L.T.
CM	11+47.98	2573.00 L.T.
CN	11+47.98	2583.00 L.T.
CO	11+47.98	2593.00 L.T.
CP	11+47.98	2603.00 L.T.
CQ	11+47.98	2613.00 L.T.
CR	11+47.98	2623.00 L.T.
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CT	11+47.98	2643.00 L.T.
CU	11+47.98	2653.00 L.T.
CV	11+47.98	2663.00 L.T.
CW	11+47.98	2673.00 L.T.
CX	11+47.98	2683.00 L.T.
CY	11+47.98	2693.00 L.T.
CA	11+47.98	2703.00 L.T.
CB	11+47.98	2713.00 L.T.
CC	11+47.98	2723.00 L.T.
CD	11+47.98	2733.00 L.T.
CE	11+47.98	2743.00 L.T.
CF	11+47.98	2753.00 L.T.
CG	11+47.98	2763.00 L.T.
CH	11+47.98	2773.00 L.T.
CI	11+47.98	2783.00 L.T.
CJ	11+47.98	2793.00 L.T.
CK	11+47.98	2803.00 L.T.
CL	11+47.98	2813.00 L.T.
CM	11+47.98	2823.00 L.T.
CN	11+47.98	2833.00 L.T.
CO	11+47.98	2843.00 L.T.
CP	11+47.98	2853.00 L.T.
CQ	11+47.98	2863.00 L.T.
CR	11+47.98	2873.00 L.T.
CS	11+47.98	2883.00 L.T.
CT	11+47.98	2893.00 L.T.
CU	11+47.98	2903.00 L.T.
CV	11+47.98	2913.00 L.T.
CW	11+47.98	2923.00 L.T.
CX	11+47.98	2933.00 L.T.
CY	11+47.98	2943.00 L.T.
CA	11+47.98	2953.00 L.T.

RECORD DRAWING

COUNTY DATUM
BASED ON INVERT ELEVATION OF SEWER
MANHOLE NO. 31 AS SHOWN ON
"MILWOOD-NORTHWOOD SEWER
EXTENSION PLAN" SHEET "B" OF 21,
ELEVATION=1056.64



Associates, Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying

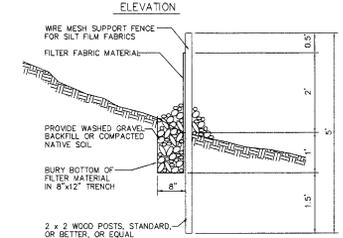
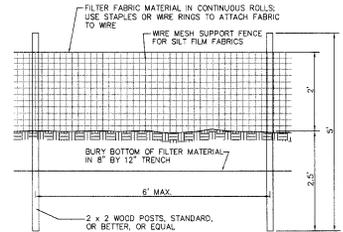
707 W. 7th Avenue, Suite 200
Spokane, WA 99201-4940
Tel: (509) 646-8444
Fax: (509) 646-8444

EROSION & SEDIMENT CONTROL GENERAL NOTES AND INFORMATION

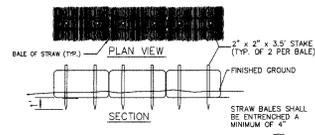
1. AN EROSION/SEDIMENT CONTROL (E.S.C.) PLAN IS REQUIRED FOR THIS PROJECT. IMPLEMENTATION OF THE E.S.C. PLAN, AND CONSTRUCTION, MAINTENANCE, AND UPGRADING OF THE E.S.C. FACILITIES ARE THE RESPONSIBILITY OF THE DEVELOPER UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED BY SPOKANE COUNTY, OR UNTIL VEGETATION IS ESTABLISHED THROUGHOUT THE SITE, AND ACCEPTED BY SPOKANE COUNTY, WHICHEVER IS LATER.
2. APPROVAL OF THE E.S.C. PLAN DOES NOT CONSTITUTE APPROVAL OF ANY OF THE PROPOSED ROAD, STORM DRAINAGE, GRADING OR UTILITY DESIGN ELEMENTS SHOWN ON THE E.S.C. PLAN.
3. THE EROSION/SEDIMENT CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THESE E.S.C. MEASURES DAILY AND SHALL MAINTAIN AND IMPROVE THEM AS NECESSARY TO PREVENT SEDIMENT-LADEN WATER FROM EITHER FLOWING OFF SITE, OR INTO NEW/EXISTING STORM DRAINAGE FACILITIES, SUCH AS DITCHES, CULVERTS, OR GRAVEL COLLECTIONS.
4. GEOTEXTILE FABRIC IS TO BE PLACED ON THE RIMS, CATCH BASINS AND INLETS UNTIL SUCH TIME THAT THE VEGETATION ON THE SITE IS ESTABLISHED AND THE THREAT OF SEDIMENT DEPOSITION INTO THE DRAINAGE SYSTEM IS MITIGATED.
5. THE SILT FENCES SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO OTHER SITE WORK, AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION ENTRANCES AT ANY AND ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE.
7. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A LOCATION WHERE CONCRETE TRUCKS AND EQUIPMENT CAN BE WASHED OUT, NOT LOCATED NEAR OR DRAINING INTO A STORM DRAINAGE AREA.
8. PROPERTY OWNER: KINNEY/MATRESON, INC. (509)922-5557
PERMIT APPLICANT: KINNEY/MATRESON, INC. (509)922-5507
CONTACT PERSON ON SITE: KINNEY/MATRESON, INC. (509)922-5557
9. PROJECT LOCATION: IN THE SPOKANE VALLEY, NORTH OF WELLESLEY AVENUE AND EAST OF ARGONNE ROAD, IN SECTION 32, TOWNSHIP 26 N., RANGE 44 E.W.M.
10. PROJECT DESCRIPTION: FRASER ESTATES FIRST ADDITION IS A RESIDENTIAL SUBDIVISION CONSISTING OF 29 LOTS AND WILL REQUIRE CONSTRUCTION OF SEWER, WATER, ROADS, STORM DRAINAGE, GAS, AND ELECTRICAL FACILITIES. THE IMPROVEMENTS CONSIST OF APPROXIMATELY 1,419 LINEAR FEET OF NEW PUBLIC STREETS AND CURBS, WITH ASSOCIATED STORM DRAINAGE.
11. DESCRIPTION OF E.S.C. MEASURES: USE OF SILT FENCES AND ROCK CONSTRUCTION ENTRANCES. ALL E.S.C. MEASURES MENTIONED ABOVE ARE TEMPORARY AND WILL BE REMOVED AFTER YARDS ARE LANDSCAPED.
12. EXISTING VEGETATION: FIELD GRASS AND PONDEROSA PINES.
13. PLAN PREPARATION DATE: JANUARY 8, 2002.
14. SOILS: ON SITE SOILS INCLUDE GARRISON GRAVELLY LOAM (Gsa), GARRISON GRAVELLY LOAM (Gsb) SPOKANE COUNTY GUIDELINES INDICATES THESE TO BE TYPE "B" SOILS.
15. STABILIZATION OF DENIED AREAS:
ANY DISTURBED AREAS, WHICH WOULD BE LEFT BARE FOR MORE THAN 7 DAYS AND ARE NOT INTENDED TO BE REWORKED WITHIN 30-DAYS SHALL BE SEEDED WITH A FAST STARTING NATIVE DRYLAND GRASS SUCH AS ANNUAL RYE, OR APPROVED EQUAL, AT A RATE OF 60 LBS./ACRE.
16. CONTROL OF POLLUTANTS:
ANY SPILLS WILL BE HANDLED ACCORDING TO O.D.C. AND D.D.M. GUIDELINES.

MAINTENANCE

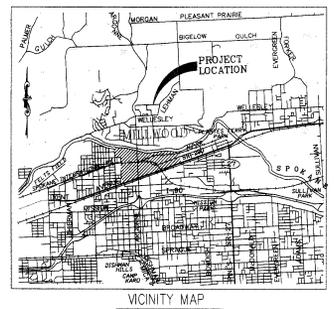
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF THE TEMPORARY E.S.C. MEASURES.
2. SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RUNOFF-PRODUCING RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
3. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF FILTER FABRIC SHALL BE ACCOMPLISHED PROMPTLY.
4. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RUNOFF-PRODUCING RAINFALL. DEPOSITS MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY 1/2 THE HEIGHT OF THE BARRIER.
5. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE E.S.C. STRUCTURE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
6. ALL TEMPORARY AND PERMANENT E.S.C. PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
7. ALL TEMPORARY E.S.C. MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY E.S.C. MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE RESEEDED.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DIRT, MUD AND OTHER CONSTRUCTION DEBRIS WHICH MAY ACCUMULATE ON PAVED STREETS ADJACENT TO THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY. CLEANING SHALL BE ON AN "AS NEEDED" BASIS USING SWEEPING AND WATER TO WASH THE CONSTRUCTION DEBRIS FROM THE STREET.
9. ON-SITE DUST CONTROL SHALL BE ACCOMPLISHED BY USING WATER APPLICATIONS OF WATER MAY BE REQUIRED SEVERAL TIMES PER DAY DURING CONSTRUCTION ACTIVITY.



SECTION
SILT FENCE DETAIL
NOT TO SCALE



SECTION
STRAW BALE DETAIL
NOT TO SCALE



LEGAL DESCRIPTION

THAT PORTION OF THE SOUTHWEST QUARTER OF SECTION 32, TOWNSHIP 26 NORTH, RANGE 44 EAST, W.M. IN SPOKANE COUNTY, WASHINGTON MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHWEST QUARTER; THENCE NORTH 89°32'20" EAST ALONG THE SOUTH LINE OF SAID SOUTHWEST QUARTER 1533.77 FEET; THENCE NORTH 00°23'58" WEST 20.00 FEET TO THE NORTH LINE OF WELLESLEY AVENUE, BEING THE POINT OF BEGINNING;
ENCOMPASSING 437,722 SQUARE FEET OR 10.05 ACRES, MORE OR LESS.



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED

LEGEND
—X— X —X— SILT FENCE



CERTIFICATION STATEMENT: I CERTIFY THAT THIS EROSION AND SEDIMENT CONTROL PLAN MEETS THE E.S.C. REQUIREMENTS AS LISTED IN CHAPTER 4.5 OF THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT.

EXPIRES 01/24/04

DAVID N. RANDALL, P.E.

THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO APPLICABLE EDITIONS OF THE SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION AND THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT. ALL DESIGN DEVIATIONS HAVE BEEN APPROVED BY THE SPOKANE COUNTY ENGINEER. I APPROVE THESE PLANS FOR CONSTRUCTION.

DEVELOPER'S APPROVAL _____ DATE _____

PREPARED UNDER THE DIRECT SUPERVISION OF
DAVID N. RANDALL, P.E.
WASHINGTON REGISTRATION NO. 2134
FOR AND ON BEHALF OF
CLC ASSOCIATES, INC.

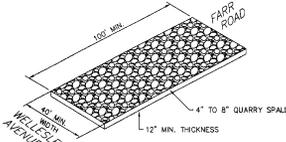
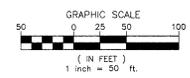
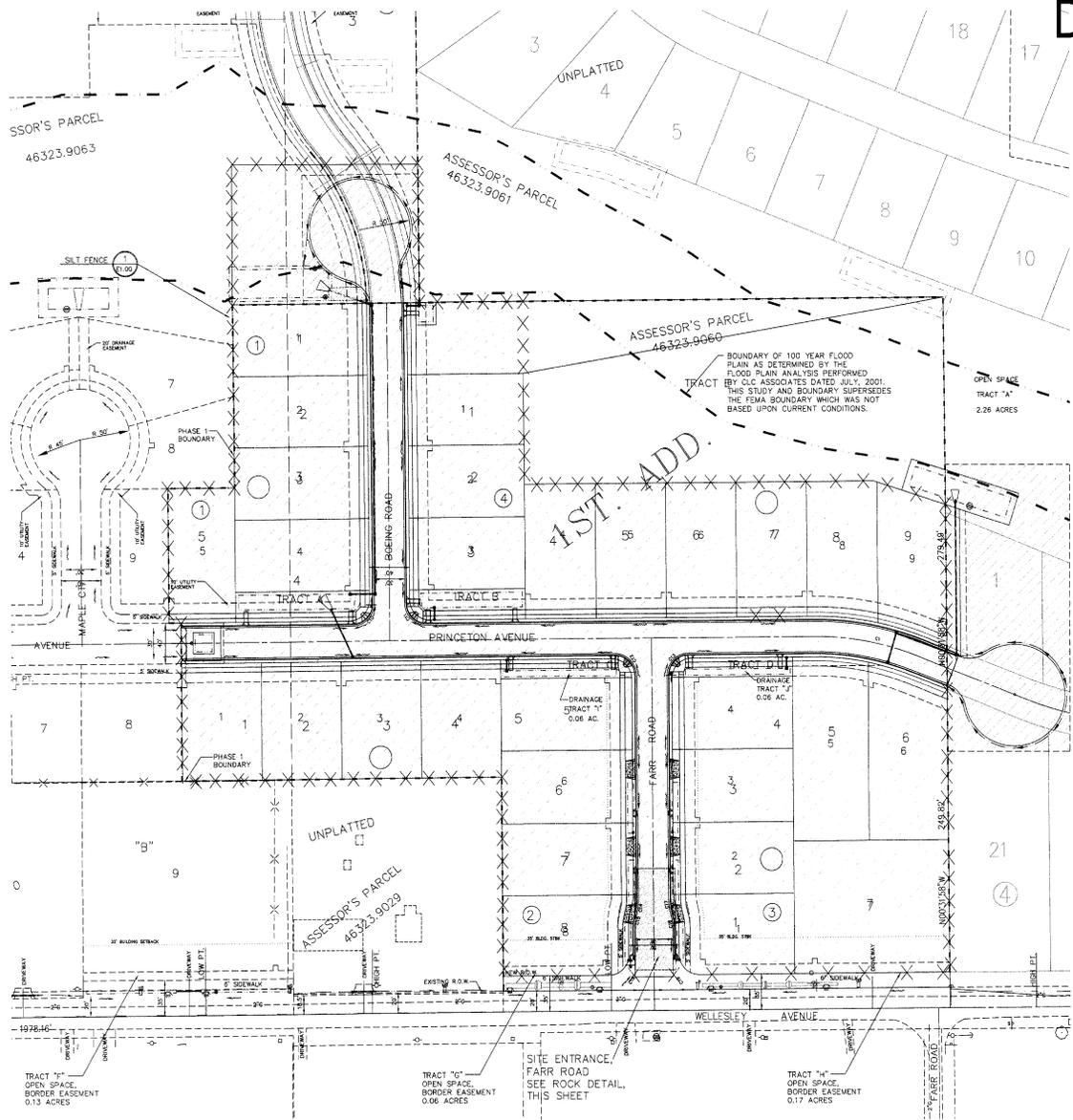
DESCRIPTION:
DESIGNATION: EROSION CONTROL DRAWING
DATE: 01/24/04
BY: ALBERT TESTING AND ENGINEERING

Spokane County No. P-1844
CLC Job Number: S990126B
Drawn By: RLM
Designed By: DNR
Checked By: DNR

STREET AND DRAINAGE CONSTRUCTION PLANS
FRASER ESTATES FIRST ADDITION
EROSION CONTROL
SPOKANE COUNTY, WASHINGTON

Sheet Title
EROSION
SEDIMENTATION
CONTROL

C1.08
Sheet Number



ROCK CONSTRUCTION ENTRY
NOT TO SCALE



I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

DEVELOPER'S APPROVAL DATE

COUNTY DATUM
BASED ON INVERT ELEVATION OF SEWER
MANHOLE NO. 31 AS SHOWN ON
"MILLWOOD-NORTHWOOD SEWER
EXTENSION PLAN" SHEET 8 OF 21,
ELEVATION=1956.64

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P-18644
Eric S. Ranford