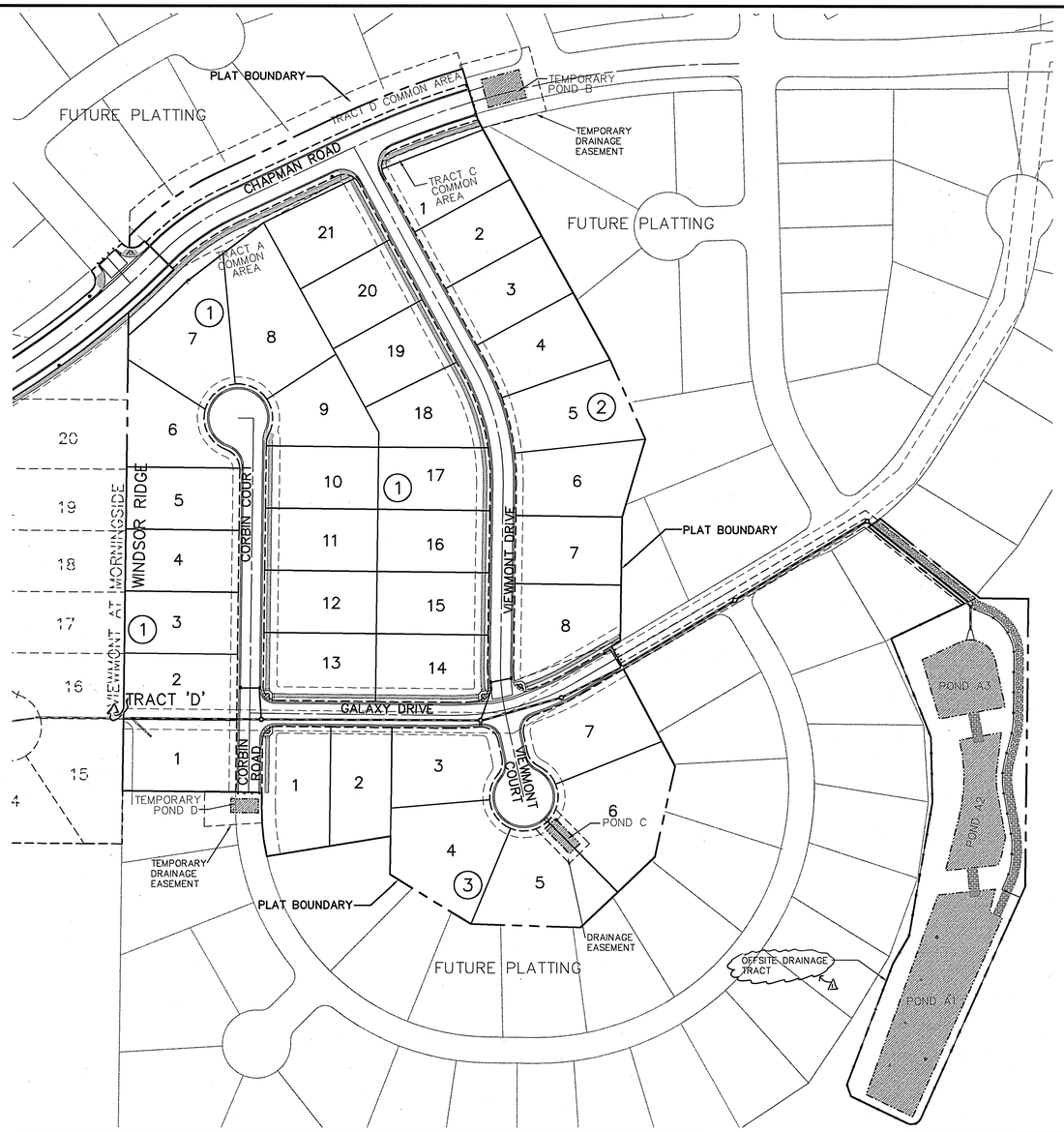
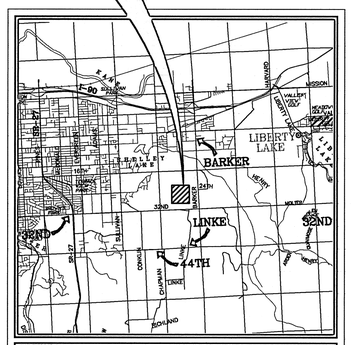


STREET PLANS FOR WINDSOR RIDGE

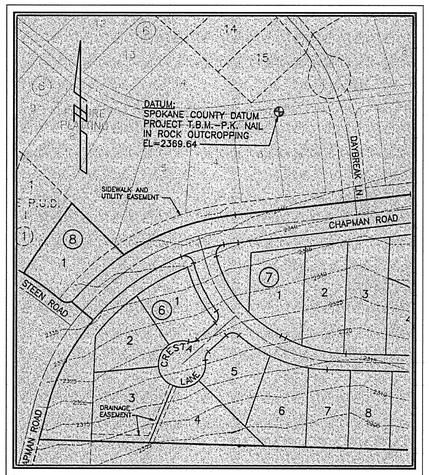
LOCATED IN SEC 30, T.25 N., R.45E., W.M.
SPOKANE, WASHINGTON

GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
1 inch = 100 ft.

PROJECT LOCATION



VICINITY MAP



DATUM LOCATION MAP

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

CLC Associates, Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
707 W. 7th Avenue, Suite 200
Spokane, WA 99204
Phone: (509) 458-6840
Fax: (509) 458-6844

SCOTT A. RIVAS — STATE OF WASHINGTON — REG. 36605 — PROFESSIONAL ENGINEER
EXPIRES 01/26/02
10-15-01

PREPARED UNDER THE DIRECT SUPERVISION OF SCOTT A. RIVAS, P.E. WASHINGTON REGISTRATION NO. 36605 FOR AND ON BEHALF OF CLC ASSOCIATES, INC.

Date	Description
05/16/01	COUNTY SUBMITTAL
08/01/01	COUNTY RESUBMITTAL
09/20/01	MAYLAR
10/15/01	Revised Pond Tract, add Fence

Project Number:	S980320
CLC Job Number:	S980320
Drawn By:	EMT/JCR
Designed By:	SAR
Checked By:	SAR

THESE PLANS ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROTECTED BY COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS INCLUDING COPYRIGHT. THEY MAY NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF CLC ASSOCIATES, INC. (AN AFFILIATE OF COLORADO LAND CONSULTANTS, INC.)

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(07-29-03) 2nd Revision: Plan Expiration Date: 09-25-04

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769
DATE ACCEPTED: 09-25-01
ACCEPTANCE EXPIRES: 09-25-03 04
PROJECT LANE MILES PUBLIC: 0.57
PROJECT LANE MILES PRIVATE: —
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

✳ REVISED ✳ 10-18-01

⊕ COUNTY DATUM
PROJECT T.B.M. – P.K. NAIL IN ROCK OUTCROPPING
ELEV=2369.84

GENERAL NOTES

1) ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 1999", AND AS AMENDED.

2) THE CONTRACTOR IS REQUIRED TO HAVE A VALID CONSTRUCTION PERMIT ON SITE AT ALL TIMES. THE ABSENCE OF THE PERMIT WILL RESULT IN AN IMMEDIATE SHUTDOWN OF WORK AND THE POSSIBLE REMOVAL OF THOSE ITEMS CONSTRUCTED WITHOUT THE PERMIT.

3) LOCATIONS OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

4) THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF APPROVED ROAD AND DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

5) IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER, SCOTT RIVAS @ 458-6840, THE SITE/PROJECT INSPECTING ENGINEER OR HIS REPRESENTATIVE, STI NORTHWEST BRUCE HOWARD @ 534-9711, AND THE SPOKANE COUNTY ENGINEER'S OFFICE, @ 477-3600.

6) FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC, "AMOCO" 4545 OR APPROVED EQUIVALENT, BETWEEN THE DRYWELL BARREL AND THE WASHED DRAIN ROCK AND BETWEEN THE WASHED DRAIN ROCK AND NATIVE SOILS PER SPOKANE COUNTY STANDARD DETAIL B-1A.

7) PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.

8) THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL CATCH BASINS AND DRYWELLS FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC UNDER THE LID FOR AT LEAST 6 WEEKS, OR UNTIL THE ESTABLISHMENT OF GRASS AND/OR OTHER SITE SITE CONSTRUCTION WORK HAS ENDED. IN THE EVENT THAT SILT OR OTHER DELETERIOUS MATERIAL IS ALLOWED TO ENTER THE DRYWELLS OR CATCH BASINS THE CONTRACTOR WILL BE REQUIRED TO CLEAN THE DRYWELL OR CATCH BASIN OUT TO THE SATISFACTION OF THE CERTIFYING ENGINEER.

9) THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO VERIFY THAT THE CROSS-GUTTER FORMS ARE THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT. THE CROSS-GUTTERS SHALL BE CONSTRUCTED PRIOR TO PAVING, AND THE PAVEMENT SHALL THEN MATCH THE EDGE OF THE CONCRETE GUTTER.

10) ALL DRYWELL CONNECTION PIPES SHALL BE PLACED BELOW THE DRYWELL CONE AND SHALL FLOW AS DIRECTED IN THE PLANS.

11) ALL STORM DRAIN PIPES SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.

12) FOR ANY CURB GRADES LESS THAN 0.8% (0.0080 FT/FT), A WASHINGTON STATE LICENSED PROFESSIONAL LAND SURVEYOR SHALL VERIFY THAT THE CURB FORMS ARE AT THE GRADES NOTED ON THE APPROVED PLANS, PRIOR TO PLACEMENT OF CURB MATERIAL. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND COORDINATING WORK WITH THE PROFESSIONAL LAND SURVEYOR.

13) THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, AND THE SIDESLOPES OF THE SWALE UP TO THE GPA OVERFLOW ELEVATION OR TOP OF THE DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA SWALE SHALL BE A MEDIUM TO WELL-DRAINING MATERIAL, WITH A MINIMUM INFILTRATION RATE OF 0.5 INCHES PER HOUR. THE ENGINEER SHALL PROVIDE A WRITTEN STATEMENT WHICH VERIFIES THAT ALL GPA SWALES CONFORM TO THIS REQUIREMENT. THIS WRITTEN STATEMENT SHALL BE SUBMITTED TO THE SPOKANE COUNTY ENGINEER'S OFFICE PRIOR TO INSTALLING FINISHED LANDSCAPING/SOD OR SEED AND PRIOR TO FINAL ACCEPTANCE. THE SWALE FLOOR MATERIAL SHALL BE INSTALLED TO A NATIVE SOILS STRATUM WHICH ALSO MEETS OR EXCEEDS THIS MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR.

14) ALL CURB DROP INLETS ARE TO HAVE A 2" DEPRESSION PER FIGURE 48, PAGE 6-84 OF THE SPOKANE COUNTY GUIDELINES FOR STORM WATER MANAGEMENT. ALL GUTTER INLETS SHALL BE CONSTRUCTED PER STANDARD DETAIL B-18.

15) THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED, INSTALLED OR CONSTRUCTED, UNLESS SPECIFICALLY NOTED OTHERWISE.

16) WHERE DRYWELL GRATE IS GREATER THAN 0.5' ABOVE GRASS, CATION EXCHANGE TESTING AND/OR ORGANIC CARBON CONTENT TESTING IS REQUIRED FOR THE TOPSOIL. THE CONTRACTOR MUST PROVIDE SPOKANE COUNTY WITH AN ACCEPTABLE TEST REPORT OF THE CATION EXCHANGE CAPACITY OR ORGANIC CARBON CONTENT OF THE SOIL IN THE POND BOTTOM PRIOR TO ACCEPTANCE FOR BUILDING PERMIT.

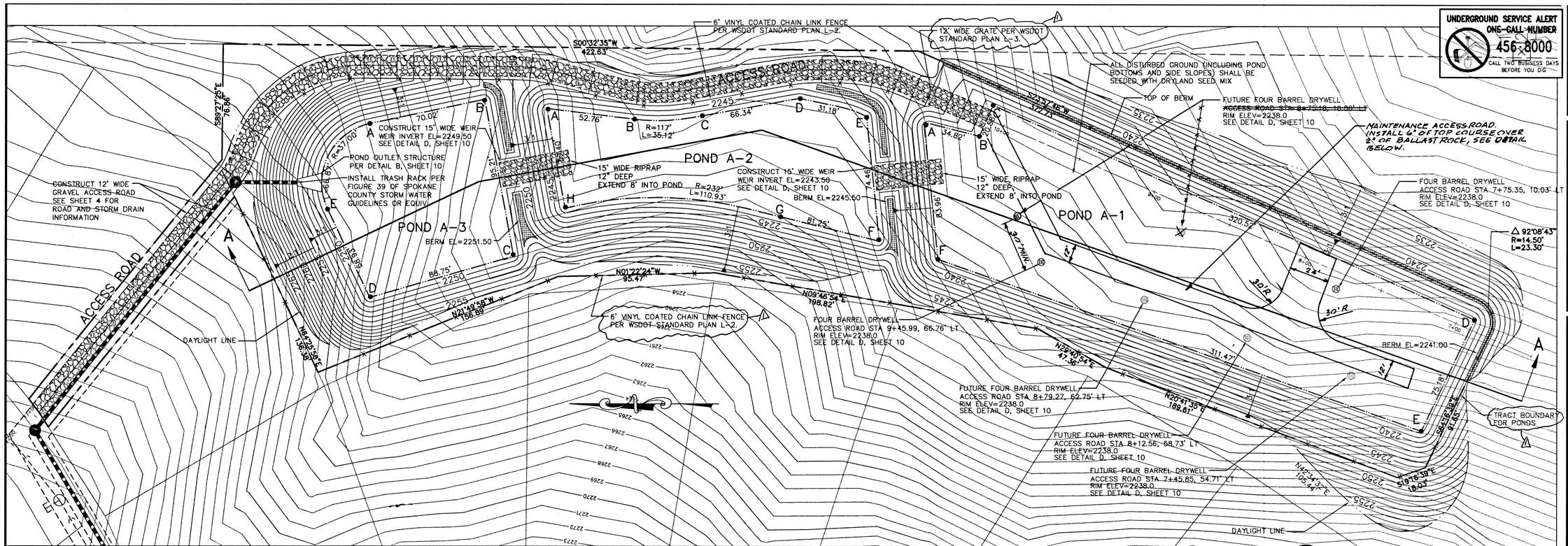
17) THIS PLAN MAY NOT SHOW ALL EXISTING UTILITIES. EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE AND ACTUAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND ONE-CALL SERVICE SHALL BE USED TO ASSIST IN THIS DELINEATION.

DEVELOPER'S APPROVAL — DATE 10/15/01

STREET CONSTRUCTION PLANS
WINDSOR RIDGE
COVER SHEET
SPOKANE COUNTY, WASHINGTON

Sheet Title: STREET AND DRAINAGE PLAN
1 OF 10
Sheet Number

LP1769-COV-REV-1.TIF P1769 Revised Eng Road + Drainage



POND A-3

SCALE: 1"=30'

A

POND "A-3"
POND BOTTOM ELEV= 2249.00
POND BOTTOM AREA = 9996.0 S.F.
PERIMETER= 384 L.F.
TOP OF BERM= 2251.50
REQUIRED '208' VOLUME = 3976 C.F.
'208' PROVIDED = 5144 C.F.

POND BOTTOM LOCATION TABLE (ACCESS ROAD STATION & OFFSET)

POINT	STATION	OFFSET
A	13+93.88	35.56' LT
B	13+25.53	20.32' LT
C	12+78.81	114.35' LT
D	15+15.75	113.54' LT
E	15+02.73	61.44' LT

POND A-2

SCALE: 1"=30'

B

POND "A-2"
POND BOTTOM ELEV= 2243.00
POND BOTTOM AREA = 11,611.0 S.F.
PERIMETER= 528 L.F.
TOP OF BERM= 2245.50
REQUIRED '208' VOLUME = 4641 C.F.
'208' PROVIDED = 6005 C.F.

POND BOTTOM LOCATION TABLE (ACCESS ROAD STATION & OFFSET)

POINT	STATION	OFFSET
A	12+81.17	22.98' LT
B	12+29.64	17.00' LT
C	11+99.62	17.00' LT
D	11+32.34	17.00' LT
E	10+83.95	26.59' LT
F	10+41.05	94.49' LT
G	11+76.70	77.49' LT
H	12+55.36	79.15' LT

POND A-1

SCALE: 1"=30'

C

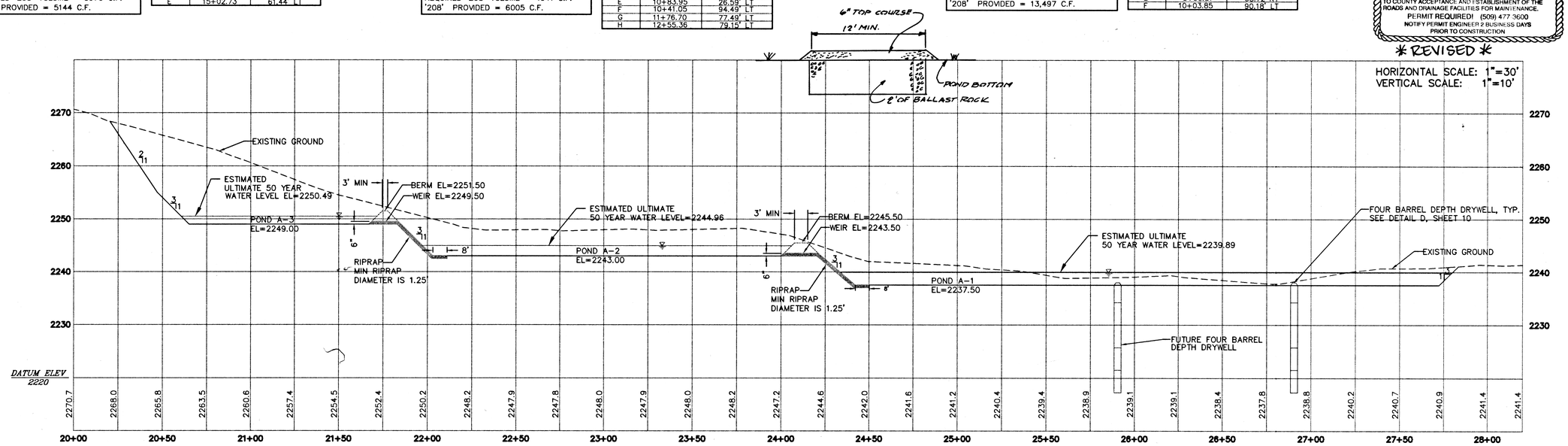
POND "A-1"
POND BOTTOM ELEV= 2237.50
POND BOTTOM AREA = 28,985 S.F.
PERIMETER= 846.50 L.F.
TOP OF BERM= 2241.00
REQUIRED '208' VOLUME = 10,431 C.F.
'208' PROVIDED = 13,497 C.F.

POND BOTTOM LOCATION TABLE (ACCESS ROAD STATION & OFFSET)

POINT	STATION	OFFSET
A	10+44.44	17.38' LT
B	10+10.84	11.50' LT
C	10+10.84	9.09' RT
D	6+90.57	6.50' RT
E	6+90.57	68.72' RT
F	10+03.85	90.18' LT

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769
DATE ACCEPTED: 09-25-01
ACCEPTANCE EXPIRES: 09-25-03
PROJECT LANE MILES PUBLIC: 0.67
PROJECT LANE MILES PRIVATE: —
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

REVISED



NOTE: SECTION STATIONING DOES NOT MATCH ACCESS ROAD STATIONING SHOWN IN PLAN VIEW ABOVE.

SECTION A-A

Richard D. Dahm Mgr 10/15/01
DEVELOPER'S APPROVAL DATE

COUNTY DATUM
PROJECT T.B.M. - P.K. NAIL IN ROCK OUTCROPPING ELEV=2369.64 (SEE COVER SHEET FOR LOCATION)

10-15-01

Revised 5-01-02 P1769 Revised Engineering Dwgs

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

CLC Associates, Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
707 W. 7th Avenue, Suite 200
Spokane, WA 99204
Phone: (509) 458-6840
Fax: (509) 458-6844

SCOTT A. RIVAS STATE OF WASHINGTON 36605 REGISTERED PROFESSIONAL ENGINEER
10-15-01
EXPIRES 01/26/

PREPARED UNDER THE DIRECT SUPERVISION OF SCOTT A. RIVAS, P.E. WASHINGTON REGISTRATION NO. 36605 FOR AND ON BEHALF OF CLC ASSOCIATES, INC.

Date	Description
05/16/01	COUNTY SUBMITTAL
08/24/01	COUNTY RESUBMITTAL
09/24/01	MYLARS
10/15/01	Revised Pond Text, add text
05/01/02	ADD ACCESS ROAD IN POND PER CO.

Project Number:	S980320
CLC Job Number:	98-320
Drawn By:	JCR
Designed By:	SAR
Checked By:	SAR

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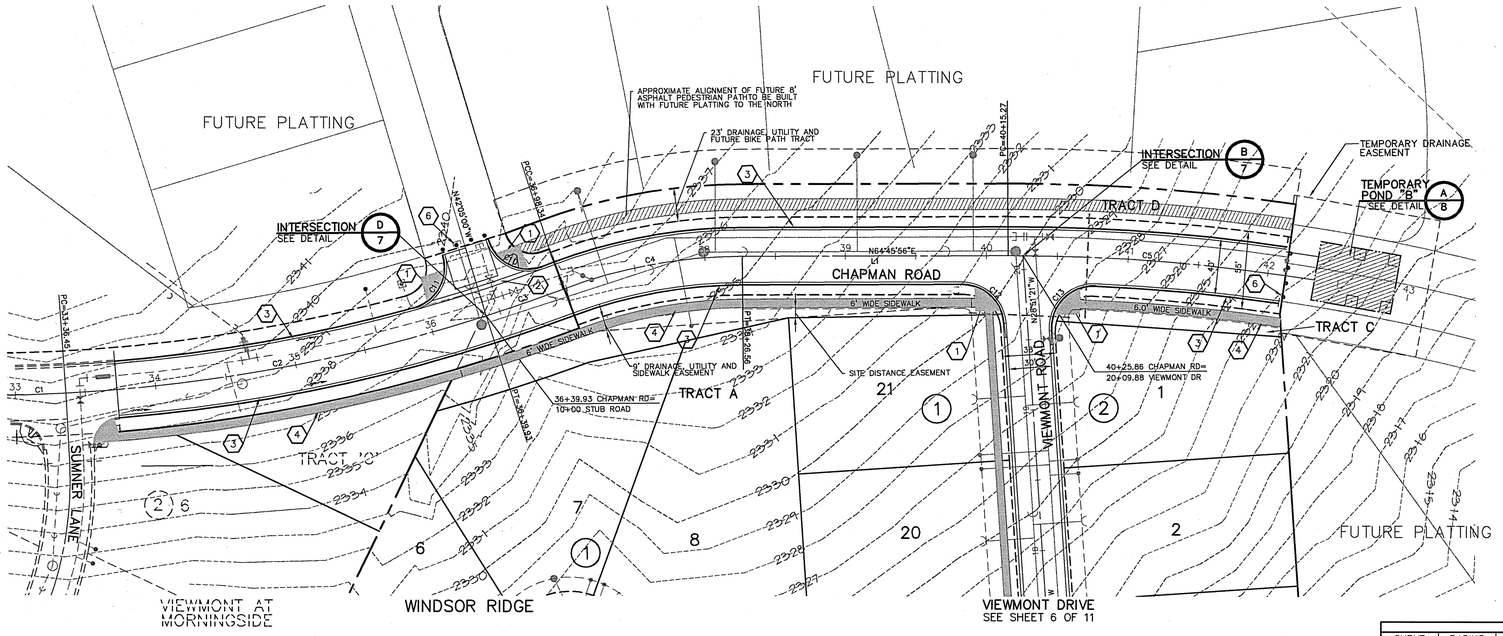
STREET CONSTRUCTION PLANS
WINDSOR RIDGE
POND DETAILS
SPOKANE COUNTY, WASHINGTON

Sheet Title: POND DETAILS

Sheet Number: 9 OF 10

SEC. 30, T.25 N., R.45 E.,W.M.
SPOKANE COUNTY, WASHINGTON



GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

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

CLC Associates, Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
707 W. 7th Avenue, Suite 200
Spokane, WA 99204
Phone: (509) 458-6840
Fax: (509) 458-6844

CONSTRUCTION NOTES

1. CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN B.
2. CONSTRUCT TYPE "1", CONCRETE CROSS GUTTER PER SPOKANE COUNTY STANDARD PLAN B-18.
3. CONSTRUCT TYPE "B" CURB AND GUTTER PER SPOKANE COUNTY STANDARD PLAN A-3
4. CONSTRUCT CONCRETE SIDEWALK PER ROAD SECTION "G", SHEET 7.
5. NOT USED.
6. INSTALL FLEXIBLE GUIDE POSTS (GROUND MOUNT) AT 5' SPACING MINIMUM FOR ENTIRE ROAD WIDTH. SEE WSDOT STANDARD PLAN H-1.
7. NOT USED.

SCOTT A. RIVAS
STATE OF WASHINGTON
36605
REGISTERED PROFESSIONAL ENGINEER
9-24-01
EXPIRES 01/26/

PREPARED UNDER THE DIRECT SUPERVISION OF SCOTT A. RIVAS, P.E. WASHINGTON REGISTRATION NO. 36605 FOR AND ON BEHALF OF CLC ASSOCIATES, INC.

LINE TABLE		
LINE	BEARING	LENGTH
L1	N64°45'56"E	188.71'

CURVE TABLE					
CURVE	RADIUS		CHORD BRG	CHORD	DELTA
*C1	1180.00'		N67°35'03"E	237.03'	11°31'43"
*C2	1180.00'		N54°27'08"E	302.63'	14°44'06"
*C3	1180.00'	58.41'	N45°40'00"E	58.40'	2°50'09"
*C4	358.11'	128.24'	S54°30'26"W	127.55'	20°31'01"
*C5	1334.46'	197.36'	S69°00'09"W	197.18'	8°28'26"
C10	30.00'	48.06'	S87°58'38"E	43.08'	91°47'15"
C11	30.01'	47.91'	N03°40'26"E	42.98'	91°29'31"

* RADIUS MEASURED FROM FLOWLINE OF TYPE "B" CURB.

Date	Description
05/16/01	COUNTY SUBMITTAL
08/01/01	COUNTY RESUBMITTAL
09/24/01	MYLARS

Project Number: S980320
CLC Job Number: XX-XXX
Drawn By: EMT/JCR
Designed By: EMT/JCR
Checked By: SAR

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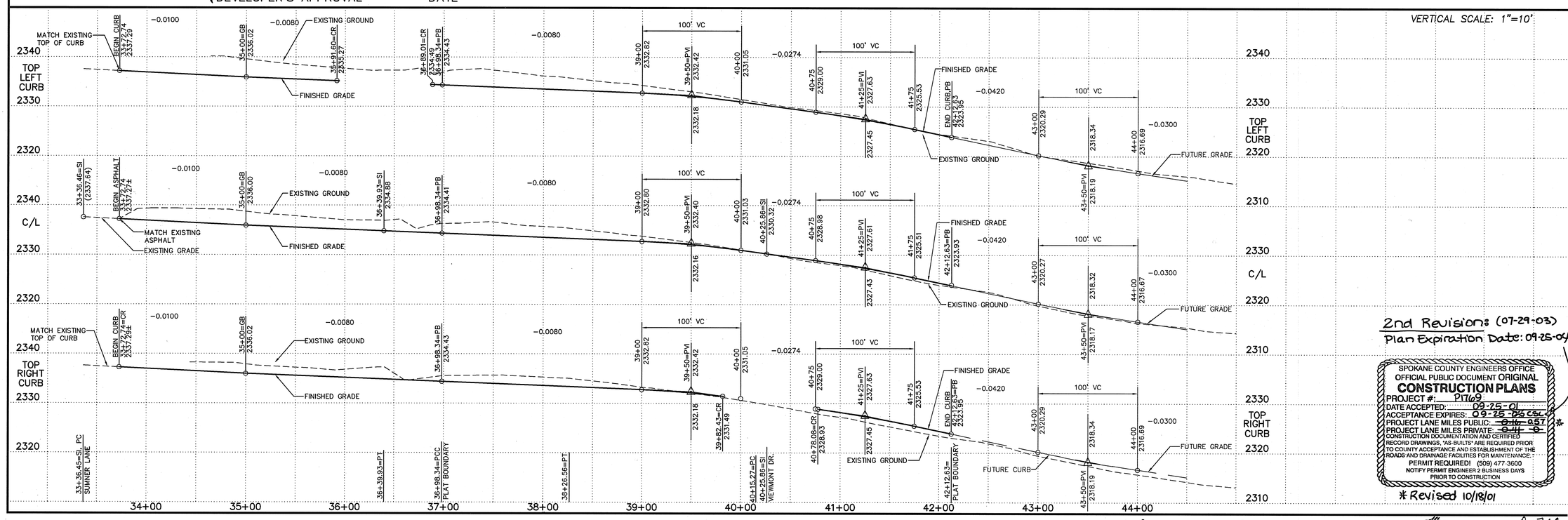
COUNTY DATUM
PROJECT T.B.M. – P.K.
NAIL IN ROCK OUTCROPPING
ELEV=2369.64 (SEE COVER SHEET FOR LOCATION)

DEVELOPER'S APPROVAL — DATE 9/24/01



2nd Revision: (07-29-03)
Plan Expiration Date: 09-25-04

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769
DATE ACCEPTED: 09-25-01
ACCEPTANCE EXPIRES: 09-25-03 ~~04~~
PROJECT LANE MILES PUBLIC: ~~0.57~~ 0.57 *
PROJECT LANE MILES PRIVATE: ~~0.41~~ 0
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

* Revised 10/18/01

STREET CONSTRUCTION PLANS
WINDSOR RIDGE
CHAPMAN ROAD
STA. 33+72.73 TO STA. 42+12.63
SPOKANE COUNTY, WASHINGTON

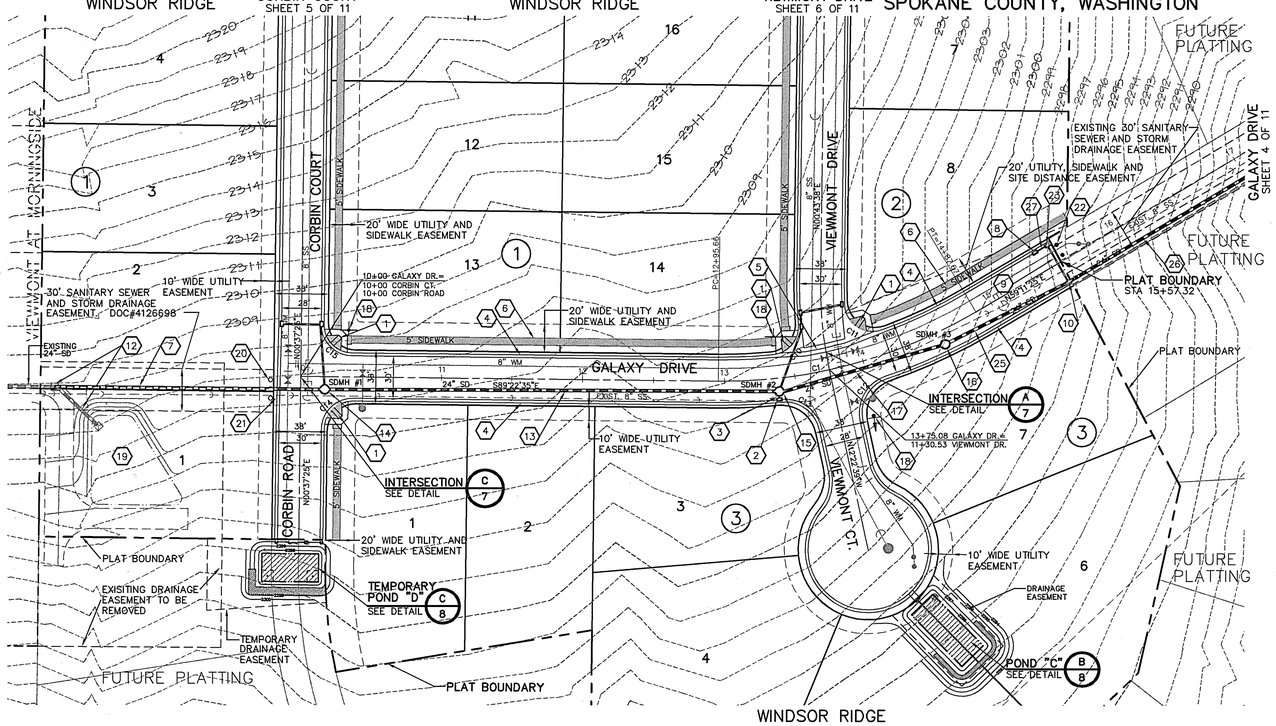
Sheet Title
STREET PLAN AND PROFILE

2 OF 10
Sheet Number

LP1769-PP-REV-2.TIF

P-1769 Eng Road & Drainage

SEC. 30, T.25 N., R.45 E.,W.M.
SPOKANE COUNTY, WASHINGTON



CONSTRUCTION NOTES

1. WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN 'B'.
2. INLET #5-WSDOT GRATE INLET TYPE 2 WITH GRATE "A" PER WSDOT STANDARD PLAN B-4c; STA 13+37.50, 14.5' RT. SEE INLET APRON DETAIL (H/7)
3. PIPE #26, SEE PROFILE BELOW.
4. CONSTRUCT TYPE "R" CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
5. CROSS GUTTER TYPE 1 PER SPOKANE COUNTY STANDARD PLAN B-18.
6. CONSTRUCT SIDEWALK PER ROAD SECTION DETAIL "F", SHEET 7 OF 11.
7. PIPE #3, SEE PROFILE BELOW.
8. INLET #6-INSTALL WSDOT GRATE INLET TYPE 2 WITH GRATE "A" PER WSDOT STANDARD PLAN B-4c; STA 15+45, 14.5' LT. SEE INLET APRON DETAIL (H/7)
9. PIPE #22, SEE PROFILE BELOW.
10. INLET 6A-INSTALL WSDOT TYPE 2 CATCH BASIN PER WSDOT STANDARD PLAN B-1E WITH TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4; STA 15+54.66, 14.5' RT; SEE INLET APRON DETAIL. (H/7)
11. NOT USED.
12. REMOVE EXISTING TYPE 2 CATCH BASIN AND PIPE AND CONNECT TO EXISTING 24" PVC STORM DRAIN PIPE. NOTE THAT THIS CATCH BASIN AND PIPE CANNOT BE REMOVED UNTIL THE ENTIRE STORM DRAIN SYSTEM AND POND HAVE BEEN BUILT SINCE IT CONVEYS THE RUNOFF FROM THE EXISTING VIEWMONT SUBDIVISION TO THE WEST.
13. PIPE #4, SEE PROFILE BELOW.
14. SDMH #1-INSTALL (TYPE III-54), STA 10+17, 9' RT;
15. SDMH #2-INSTALL (TYPE III-54), STA 13+38, 9.34' RT;
16. SDMH #3-INSTALL (TYPE III-54), STA 14+58, 10' RT;
17. PIPE #11, SEE PROFILE BELOW.
18. INSTALL STREET AND STOP SIGN PER M.U.T.C.D. R1-1 AND SPOKANE COUNTY STANDARD PLAN A-16.
19. FILL EXISTING POND IN 1' LIFTS AND COMPACT TO 80%.
20. INSTALL 3 BOLLARDS PER WSDOT STANDARD PLAN H-13.
21. CONSTRUCT 25 FT. SECTION OF REINFORCED ROLLED CURB CENTERED ON MAINTENANCE ACCESS. SEE DETAIL 2, THIS SHEET.
22. INSTALL FLEXIBLE GUIDE POSTS (GROUND MOUNT) AT 5' SPACING MINIMUM FOR ENTIRE ROAD WIDTH. SEE WSDOT STANDARD PLAN H-1.
23. INLET 6B-INSTALL SPOKANE COUNTY GRATE INLET TYPE 1 WITH TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-4. STA 15+55, 14.5' RT. SEE INLET APRON DETAIL (H/7)
24. NOT USED.
25. PIPE #12, SEE PROFILE BELOW.
26. PIPE #16, SEE PROFILE BELOW.
27. PIPE #28, SEE PROFILE BELOW.

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

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

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Land Surveying
707 W. 7th Avenue, Suite 200
Spokane, WA 99204
Phone: (509) 458-6840
Fax: (509) 458-6844

SCOTT A. RIVAS, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, #36605
9-24-01
EXPIRES 01/26/02

PREPARED UNDER THE DIRECT SUPERVISION OF SCOTT A. RIVAS, P.E. WASHINGTON REGISTRATION NO. 36605 FOR AND ON BEHALF OF CLC ASSOCIATES, INC.

Date	Description
05/16/01	COUNTY SUBMITTAL
08/01/01	COUNTY RE-SUBMITTAL
09/24/01	MYLARS

CLC Job Number: 98320
Drawn By: EMT/JCR
Designed By: MBZ
Checked By: SAR

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COUNTY DATUM

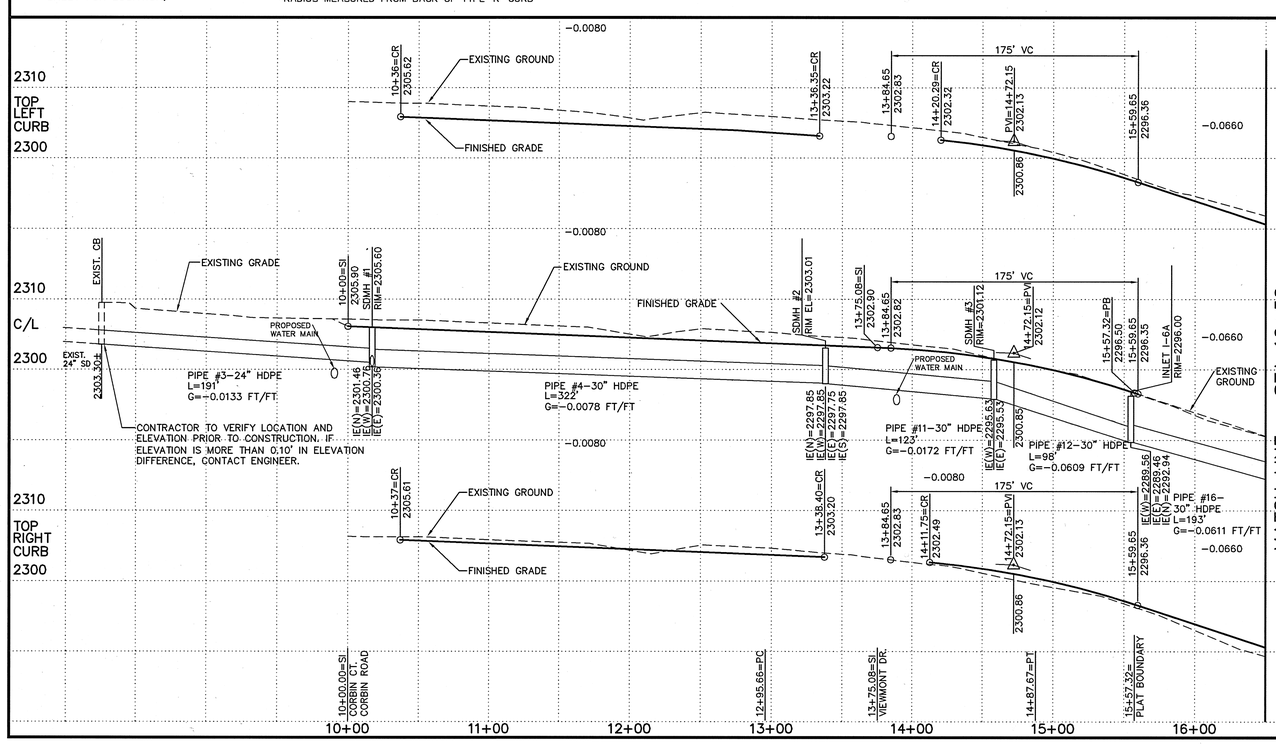
PROJECT T.B.M. - P.K. NAIL IN ROCK OUTCROPPING ELEV=2369.64 (SEE COVER SHEET FOR LOCATION)

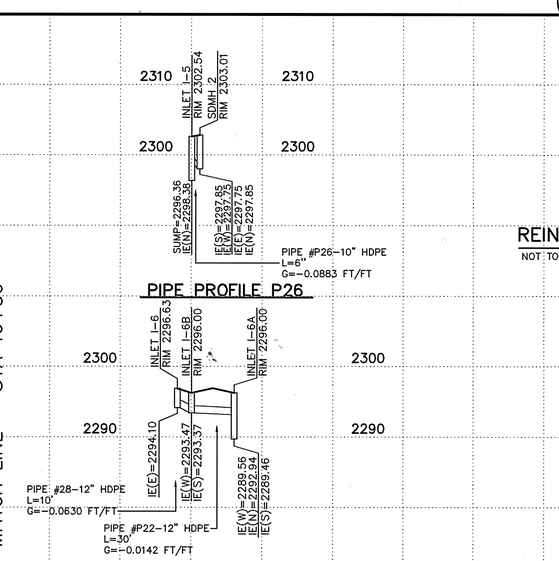
CURVE INFORMATION

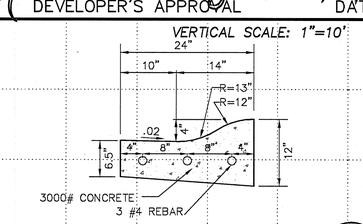
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	350.00'	192.01'	98.49'	189.62'	31°26'00"
*C10	20.00'	33.59'	22.30'	29.78'	96°13'35"
*C11	20.00'	37.34'	27.02'	32.15'	106°58'51"
*C12	25.00'	36.59'	22.45'	33.41'	83°50'58"
*C13	25.00'	36.59'	22.45'	33.41'	83°50'58"
*C14	20.00'	31.42'	20.00'	28.28'	90°00'00"
*C15	20.00'	31.42'	20.00'	28.28'	90°00'00"

*RADIUS MEASURED FROM BACK OF TYPE 'R' CURB

DEVELOPER'S APPROVAL — DATE







REINFORCED ROLLED CURB DETAIL (2/1)
NOT TO SCALE

2nd Revision: (07-29-03)
Plan Expiration Date: 09-25-04

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769
DATE ACCEPTED: 09-25-01
ACCEPTANCE EXPIRES: ~~09-26-03~~ 06
PROJECT LANE MILES PUBLIC: ~~0.46~~ 0.57
PROJECT LANE MILES PRIVATE: ~~0.44~~ 0
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
* Revised 10/18/01

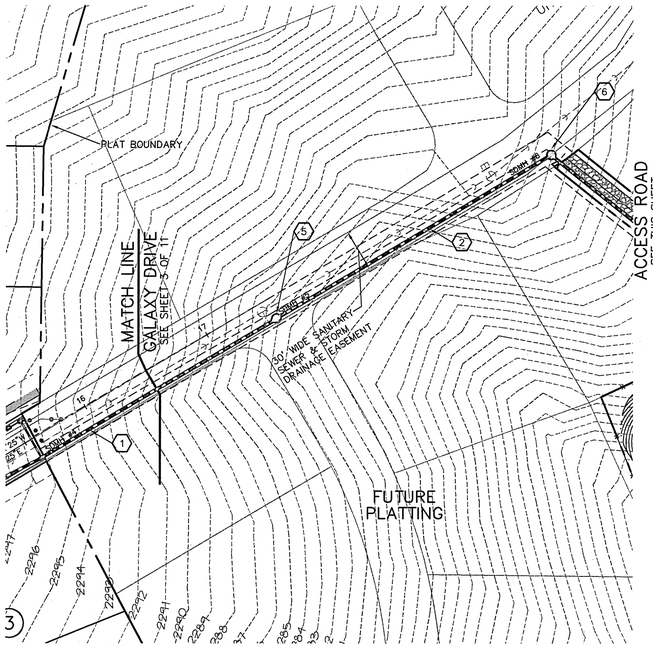
STREET CONSTRUCTION PLANS
WINDSOR RIDGE
GALAXY DRIVE
STA. 10+00.00 TO STA. 16+50
SPOKANE COUNTY, WASHINGTON

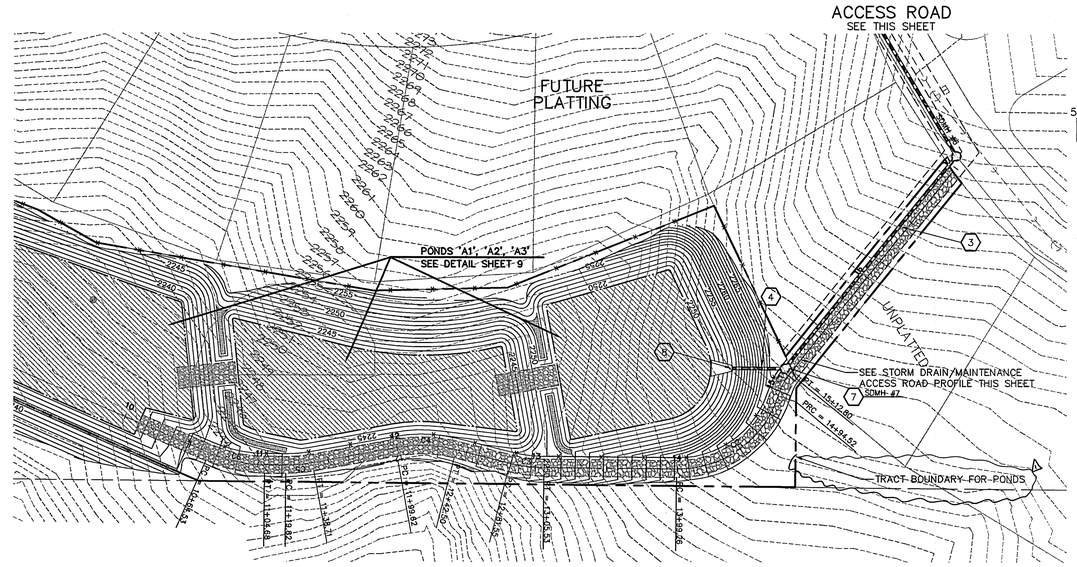
Sheet Title: STREET PLAN AND PROFILE

LP1769-PP-REV-3-TIF

P-1769 Eng Road + Drainage

SEC. 30, T.25 N., R.45 E.,W.M.
SPOKANE COUNTY, WASHINGTON





GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456·8000
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Planning
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707 W. 7th Avenue, Suite 200
Spokane, WA 99204
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Fax: (509) 458-6844

STATE OF WASHINGTON
SCOTT A. RIVAS
36605
REGISTERED PROFESSIONAL ENGINEER
10-15-01
EXPIRES 01/26/02

PREPARED UNDER THE DIRECT SUPERVISION OF
SCOTT A. RIVAS, P.E.
WASHINGTON REGISTRATION
NO. 36605
FOR AND ON BEHALF OF
CLC ASSOCIATES, INC.

Date	Description
05/16/01	COUNTY SUBMITTAL
08/01/01	COUNTY RESUBMITTAL
09/24/01	MYLARS
10/15/01	Revised Pond Trail, add fence

Project Number: S98320
CLC Job Number: XX-XXX
Drawn By: EMT/JCR
Designed By: EMT/SAR
Checked By: SAR

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CONSTRUCTION NOTES

1. PIPE #16, SEE PROFILE BELOW.
2. PIPE #16A, SEE PROFILE BELOW.
3. PIPE #13, SEE PROFILE BELOW.
4. PIPE #13A, SEE PROFILE BELOW.
5. SDMH #5–INSTALL WSDOT TYPE 2 CATCH BASIN PER WSDOT STANDARD PLAN B–1E WITH TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B–4, STA 17+48, 14.5' RT.
6. SDMH #6–INSTALL WSDOT TYPE 2 CATCH BASIN PER WSDOT STANDARD PLAN B–1E WITH TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B–4, STA 19+74, 14.5' RT.
7. SDMH #7–INSTALL (TYPE III–54), STA 15+13, 14.5' RT.
8. END STORM DRAIN, STA 14+97, 48.8' RT. SEE SHEET 10 FOR OUTLET STRUCTURE DETAIL.

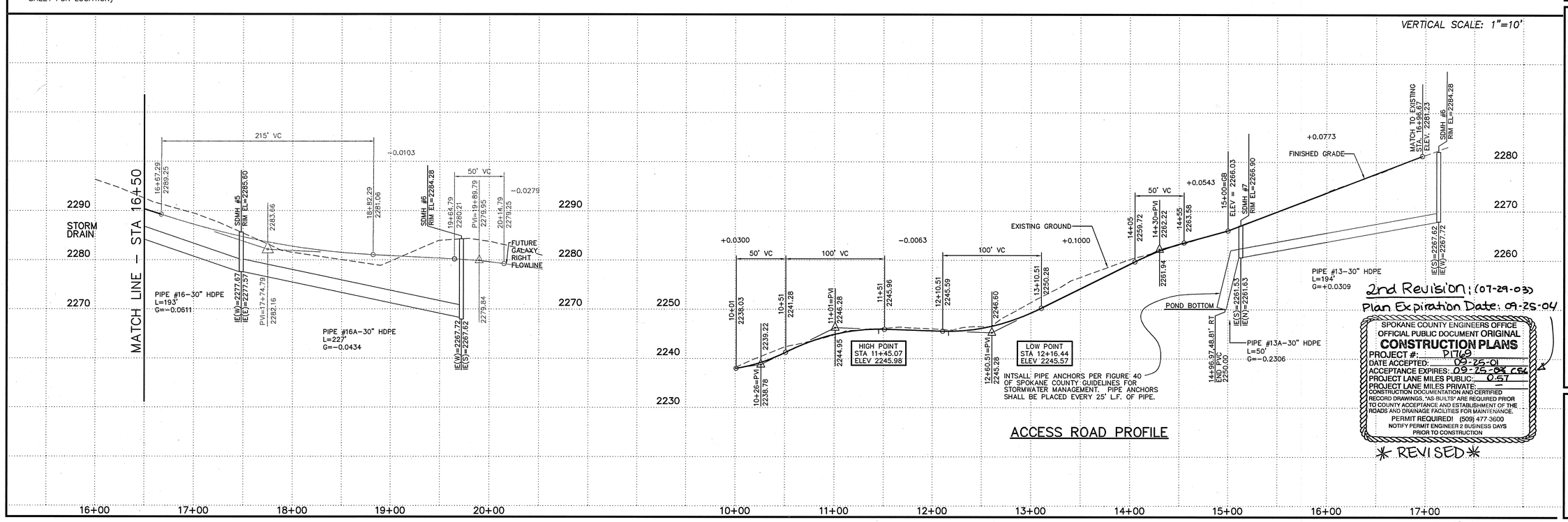
CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD BRG	CHORD	DELTA
C1	50.00'	18.28'	S61°44'47"E	18.18'	20°57'09"
C2	75.00'	95.25'	N35°50'24"W	88.98'	72°45'57"
C3	100.00'	23.98'	N07°24'47"E	23.92'	13°44'24"
C4	100.00'	42.88'	S02°00'00"W	42.55'	24°33'59"
C5	100.00'	18.90'	N04°52'12"W	18.87'	10°49'34"
C6	100.00'	40.15'	N12°02'41"E	39.88'	23°00'12"

COUNTY DATUM
PROJECT T.B.M. – P.K.
NAIL IN ROCK OUTCROPPING
ELEV=2369.64 (SEE COVER SHEET FOR LOCATION)

Richard Dalton M.D.
DEVELOPER'S APPROVAL

10/15/01
DATE

VERTICAL SCALE: 1"=10'



ACCESS ROAD PROFILE

2nd Revision: (07-29-03)
Plan Expiration Date: 09-25-04

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769
DATE ACCEPTED: 09-25-01
ACCEPTANCE EXPIRES: 09-25-03 CSC
PROJECT LANE MILES PUBLIC: 0.67
PROJECT LANE MILES PRIVATE: –
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

* REVISED *

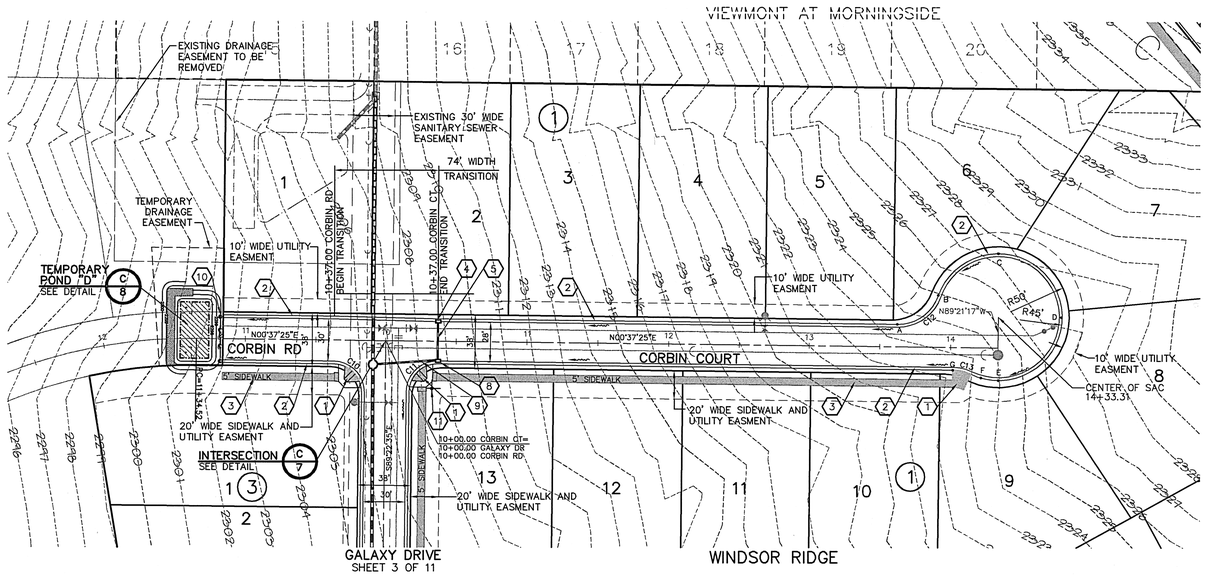
STORM DRAIN CONSTRUCTION PLANS
WINDSOR RIDGE
GALAXY DRIVE
STA. 16+50 TO 21+00
SPOKANE COUNTY, WASHINGTON

Sheet Title
STORM DRAIN PLAN AND PROFILE

4 OF 10
Sheet Number

LP1769-PP-REV-4.TIF P1769 Revised Engineering

SEC. 30, T.25 N., R.45 E.,W.M.
SPOKANE COUNTY, WASHINGTON



GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

UNDERGROUND SERVICE ALERT
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Spokane, WA 99204
Phone: (509) 458-6840
Fax: (509) 458-6844

SCOTT A. RIVAS
36605
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 01/26/02

PREPARED UNDER THE DIRECT SUPERVISION OF SCOTT A. RIVAS, P.E. WASHINGTON REGISTRATION NO. 36605 FOR AND ON BEHALF OF CLC ASSOCIATES, INC.

CONSTRUCTION NOTES

1. CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN 'B'.
2. CONSTRUCT TYPE "R" CURB PER SPOKANE COUNTY STANDARD PLAN A-3
3. CONSTRUCT CONCRETE SIDEWALK PER DETAIL "E", SHEET 7
4. INLET #2A-INSTALL WSDOT GRATE INLET TYPE 2 WITH GRATE "A" PER WSDOT STANDARD PLAN B-4c; STA 10+37, 13.5' LT.; SEE INLET APRON DETAIL. (H/7)
5. PIPE #P17-SEE PROFILE BELOW.
6. NOT USED
7. NOT USED
8. INLET #2- INSTALL WSDOT GRATE INLET TYPE 2 WITH GRATE "A" PER WSDOT STANDARD PLAN B-4c; STA 10+37, 13.5' RT.; RIM ELEV=2307.16; IE(W)=2303.55, IE(S)=2303.45. SEE INLET APRON DETAIL.
9. PIPE #P2-SEE PROFILE BELOW. (H/7)
10. INSTALL FLEXIBLE GUIDE POSTS (GROUND MOUNT) AT 5' SPACING MINIMUM FOR ENTIRE ROAD WIDTH. SEE WSDOT STANDARD PLAN H-1.
11. INSTALL STREE & STOP SIGN PER M.U.T.C.D. R1-1 AND SPOKANE COUTNY STANDARD PLAN A-16.

CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C10	20.00'	31.42'	20.00'	28.28'	90°00'00"
C11	20.00'	31.42'	20.00'	28.28'	90°00'00"
C12	30.00'	37.35'	53.00'	99.00'	71°20'23"
C13	30.00'	13.06'	64.00'	96.00'	24°56'45"

*RADIUS MEASURED FROM BACK OT TYPE 'R' CURB

DEVELOPER'S APPROVAL — DATE 9/24/01

Date	Description
05/16/01	COUNTY SUBMITTAL
08/01/01	COUNTY RE-SUBMITTAL
09/24/01	MYLARS

Project Number: S98320
CLC Job Number: S98320
Drawn By: EMT
Designed By: MBZ
Checked By: SAR

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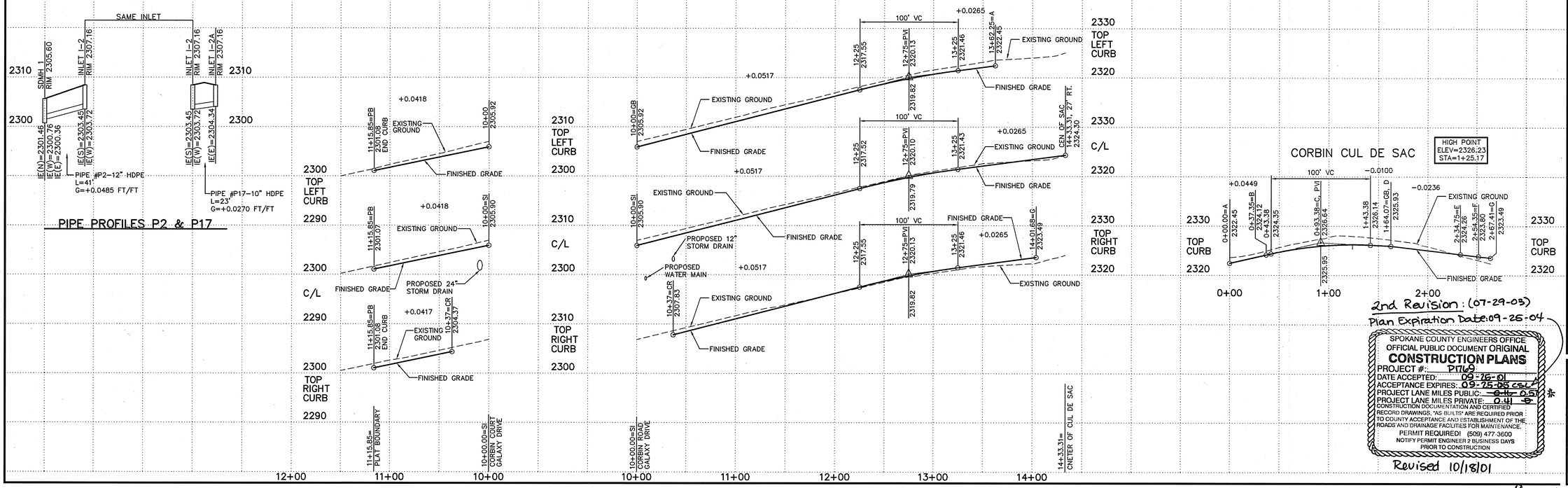
⊕ COUNTY DATUM
PROJECT T.B.M. – P.K. NAIL IN ROCK OUTCROPPING ELEV=2369.64 (SEE COVER SHEET FOR LOCATION)

VERTICAL SCALE: 1"=10'



2nd Revision: (07-29-03)
Plan Expiration Date: 09-26-04

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769
DATE ACCEPTED: 09-26-01
ACCEPTANCE EXPIRES: 09-26-03 ~~04~~
PROJECT LANE MILES PUBLIC: ~~0.46~~ 0.51 *
PROJECT LANE MILES PRIVATE: 0.41 ~~0~~
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

Revised 10/18/01

STREET CONSTRUCTION PLANS
WINDSOR RIDGE
CORBIN ROAD STA. 10+00.00 TO STA. 14+33.13
CORBIN COURT STA. 10+00 TO STA. 11+15.85
SPOKANE COUNTY, WASHINGTON

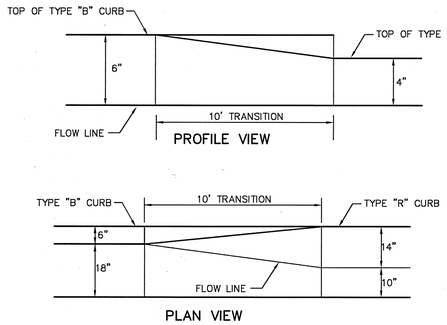
Sheet Title
STORM DRAIN PLAN AND PROFILE

5 OF 10
Sheet Number

LP1769-PP-REV-5.TIF

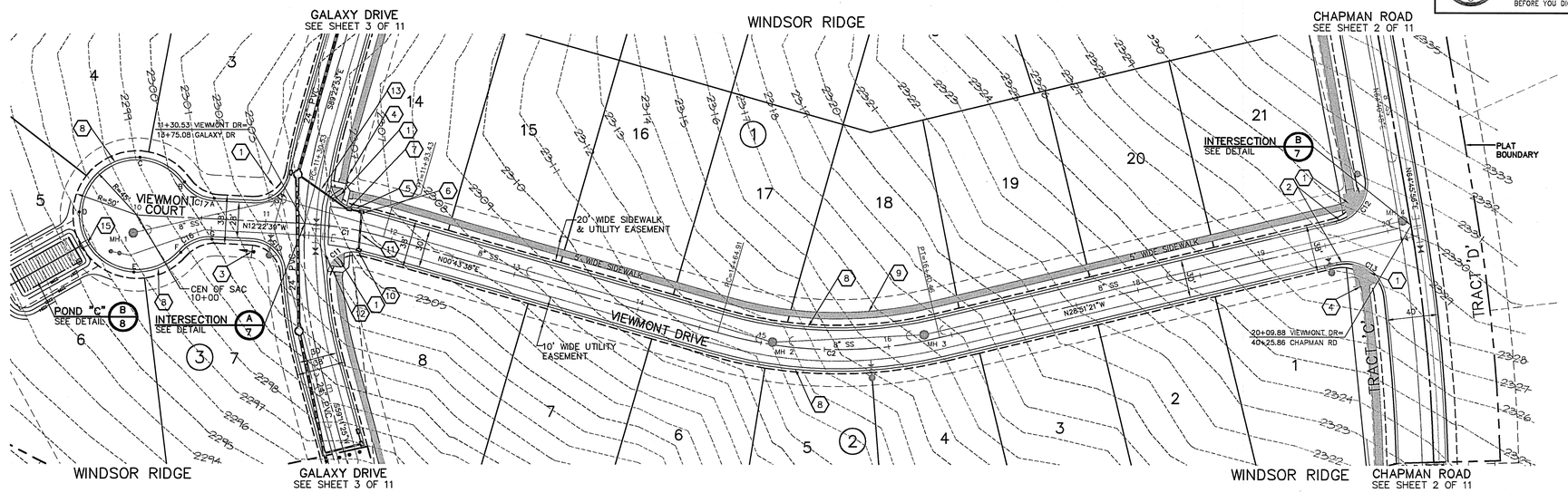
P-1769 Eng Road + Drainage

SEC. 30, T.25 N., R.45 E.,W.M.
SPOKANE COUNTY, WASHINGTON



CURB TRANSITION DETAIL (1/–)

TYPE "R" CURB TO TYPE "B" CURB
NTS



GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

CONSTRUCTION NOTES

1. INSTALL WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN 'B'.
2. CURB TRANSITION PER DETAIL 1, THIS SHEET.
3. INSTALL STOP SIGN (R1-1) PER MUTCD AND SPOKANE COUNTY STANDARDS AND SPECIFICATIONS. COORDINATE WITH SPOKANE COUNTY ON EXACT SIGN LOCATION.
4. INSTALL STREET & STOP SIGN PER MUTCD (R1-1) AND SPOKANE COUNTY STANDARDS (A-16) AND SPECIFICATIONS. COORDINATE WITH SPOKANE COUNTY ON EXACT SIGN LOCATION.
5. PIPE #15, SEE PROFILE BELOW.
6. INLET #4B-INSTALL TYPE 2 INLET WITH GRATE "A" PER WSDOT STANDARD PLAN B-4c, STA 11+75, 13.5' LT, SEE INLET APRON DETAIL H/7
7. INLET #4-INSTALL SPOKANE COUNTY GRATE INLET, TYPE 1 WITH TYPE 1 GRATE PER COUNTY STANDARD PLAN B-4c, STA 11+65, 13.5' LT, SEE INLET APRON DETAIL H/7
8. CONSTRUCT TYPE "R" CURB PER SPOKANE COUNTY STANDARD PLAN A-3
9. CONSTRUCT SIDEWALK PER DETAIL "E", SHEET 7.
10. INLET #4A-INSTALL TYPE "2" INLET WITH GRATE "A" PER WSDOT STANDARD PLAN B-4c, STA 11+77, 13.5' RT, SEE INLET APRON DETAIL H/7
11. PIPE #20, SEE PROFILE BELOW.
12. CROSS GUTTER TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-18
13. PIPE #14, SEE PROFILE BELOW.
14. ALL ELEVATIONS UPSTATION OF THE CURB TRANSITION WILL BE 0.17' HIGHER THAN SHOWN ON PROFILE.
15. INSTALL 3' CURB INLET, TYPE 1 AT STA 1+64 PER SPOKANE COUNTY STANDARD DRAWING B-8.

COUNTY DATUM

PROJECT T.B.M. – P.K. NAIL IN ROCK OUTCROPPING ELEV=2369.64 (SEE COVER SHEET FOR LOCATION)

CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	275.00'	62.90'	31.59'	62.76'	13°06'17"
C2	340.00'	175.55'	89.78'	173.61'	29°34'59"
*C10	20.00'	33.59'	22.30'	29.78'	96°13'35"
*C11	20.00'	37.34'	27.02'	32.15'	106°58'51"
**C12	30.00'	45.23'	28.16'	41.06'	86°22'43"
**C13	30.00'	50.42'	33.49'	44.69'	96°17'46"
*C14	25.00'	36.59'	22.45'	33.41'	83°50'58"
*C15	25.00'	36.59'	22.45'	33.41'	83°50'58"
*C16	30.00'	27.32'	14.69'	26.38'	52°10'08"
*C17	30.00'	27.32'	14.69'	26.38'	52°10'08"

* RADIUS MEASURED TO FLOWLINE OF TYPE "R" CURB.
** RADIUS MEASURED TO FLOWLINE OF TYPE "B" CURB.

DEVELOPER'S APPROVAL — DATE 9/25/01

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Fax: (509) 458-6844

SCOTT A. RIVAS, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, No. 36605
9-24-01
EXPIRES 01/26/02

PREPARED UNDER THE DIRECT SUPERVISION OF SCOTT A. RIVAS, P.E. WASHINGTON REGISTRATION NO. 36605 FOR AND ON BEHALF OF CLC ASSOCIATES, INC.

Date	Description
05/16/01	CITY SUBMITTAL
08/01/01	COUNTY RESUBMITTAL
09/24/01	MYLARS

Project Number: S98320
CLC Job Number: XX-XXX
Drawn By: EMT/JCR
Designed By: EMT/JCR
Checked By: SAR

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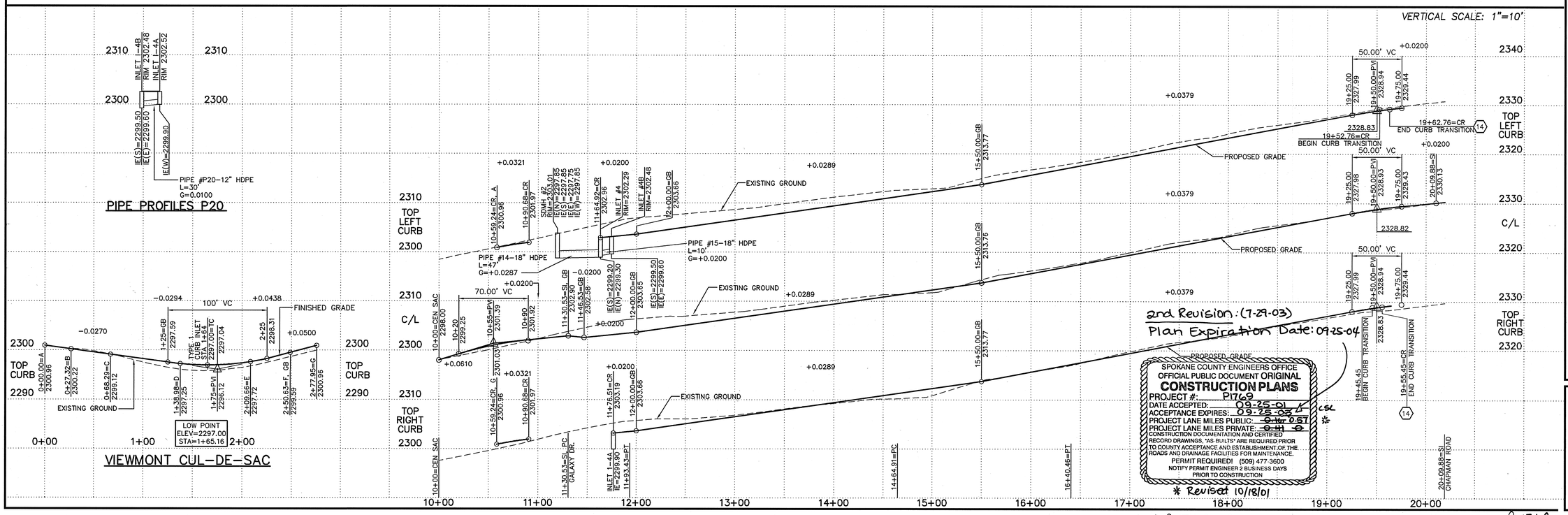
VERTICAL SCALE: 1"=10'



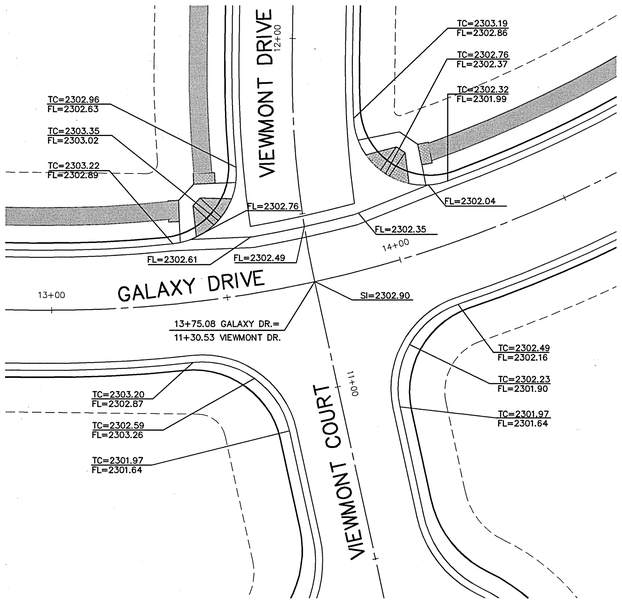
STREET CONSTRUCTION PLANS
WINDSOR RIDGE
VIEWMONT DRIVE AND VIEWMONT COURT
STA. 10+00.00 TO STA. 20+09.88
SPOKANE COUNTY, WASHINGTON

Sheet Title: STORM DRAIN PLAN AND PROFILE

6 OF 10
Sheet Number

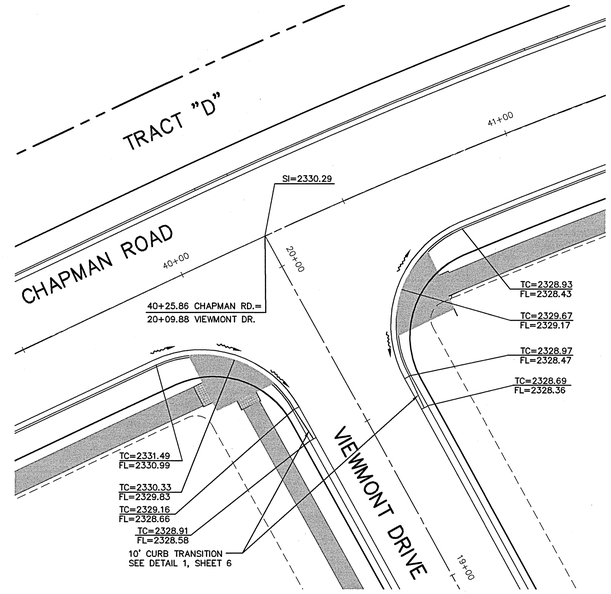
LP1769-PP-REV-6.TIF

P-1769 Eng Roads Drainage



INTERSECTION DETAIL—GALAXY DR. & VIEWMONT CT. (A/—)

SCALE: 1"=20'



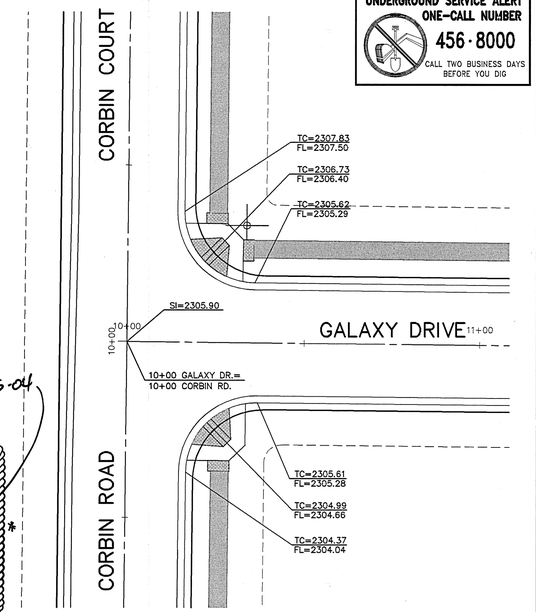
INTERSECTION DETAIL—CHAPMAN RD. & VIEWMONT DR. (B/—)

SCALE: 1"=20'

2nd Revision: (07-29-03)
Plan Expiration Date: 09-25-04

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769
DATE ACCEPTED: 09-25-01
ACCEPTANCE EXPIRES: 09-25-04 CSC
PROJECT LANE MILES PUBLIC: ~~0.47~~ 0.57 *
PROJECT LANE MILES PRIVATE: ~~0.41~~ 0
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

*REVISED 10/18/01



INTERSECTION DETAIL—CORBIN RD./CT. & GALAXY DR. (C/—)

SCALE: 1"=20'

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Spokane, WA 99204
Phone: (509) 458-6840
Fax: (509) 458-6844

SCOTT A. RIVAS — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — R.E. 36605
EXPIRES 01/26/02

PREPARED UNDER THE DIRECT SUPERVISION OF SCOTT A. RIVAS, P.E. WASHINGTON REGISTRATION NO. 36605 FOR AND ON BEHALF OF CLC ASSOCIATES, INC.

Date	Description
05/16/01	COUNTY SUBMITTAL
08/01/01	COUNTY RE-SUBMITTAL
09/24/01	MYLARS

Project Number: S980320
CLC Job Number: 98-320
Drawn By: JCR
Designed By: SAR/JCR
Checked By: SAR

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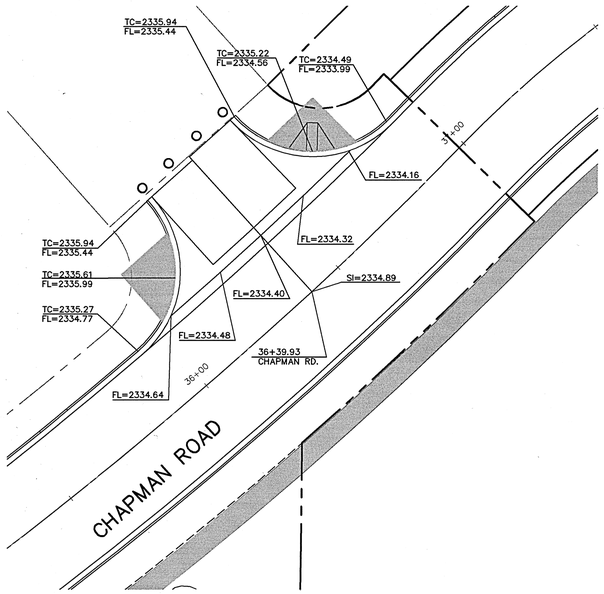
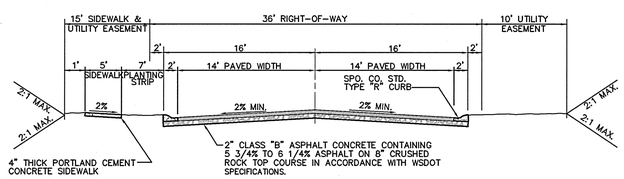


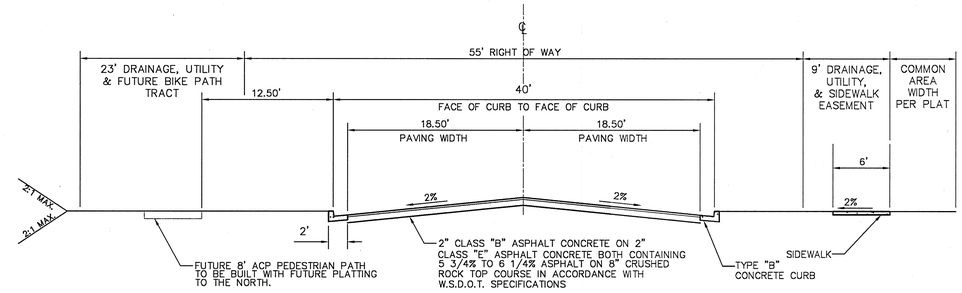
INTERSECTION DETAIL—CHAPMAN RD. & STUB RD. (D/—)

SCALE: 1"=20'



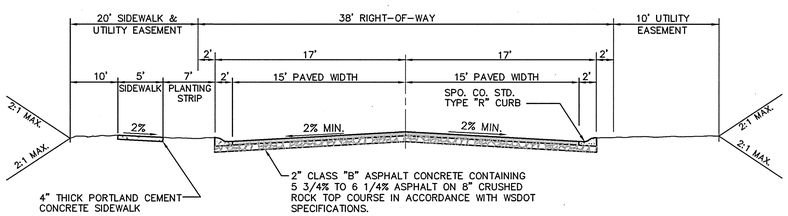
TYPICAL ROAD SECTION – CORBIN CT, VIEWMONT CT. (E/—)

NOT TO SCALE



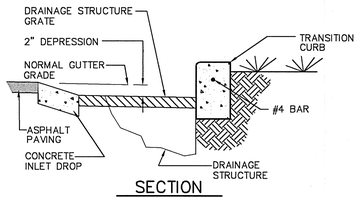
TYPICAL ROAD SECTION – CHAPMAN ROAD (G/—)

NOT TO SCALE

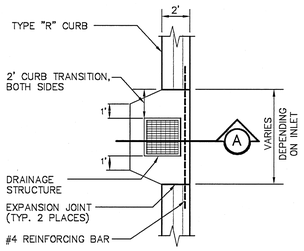


TYPICAL ROAD SECTION – VIEWMONT DR, GALAXY DR, CORBIN RD (F/—)

NOT TO SCALE



SECTION



PLAN

NOTE: GRATE SHALL BE PLACED WITH LONG SIDE PERPENDICULAR TO ROAD CENTERLINE.

INLET APRON DETAIL (H/—)

NOT TO SCALE

⊕ COUNTY DATUM
PROJECT T.B.M. – P.K. NAIL IN ROCK OUTCROPPING ELEV=2369.64 (SEE COVER SHEET FOR LOCATION)

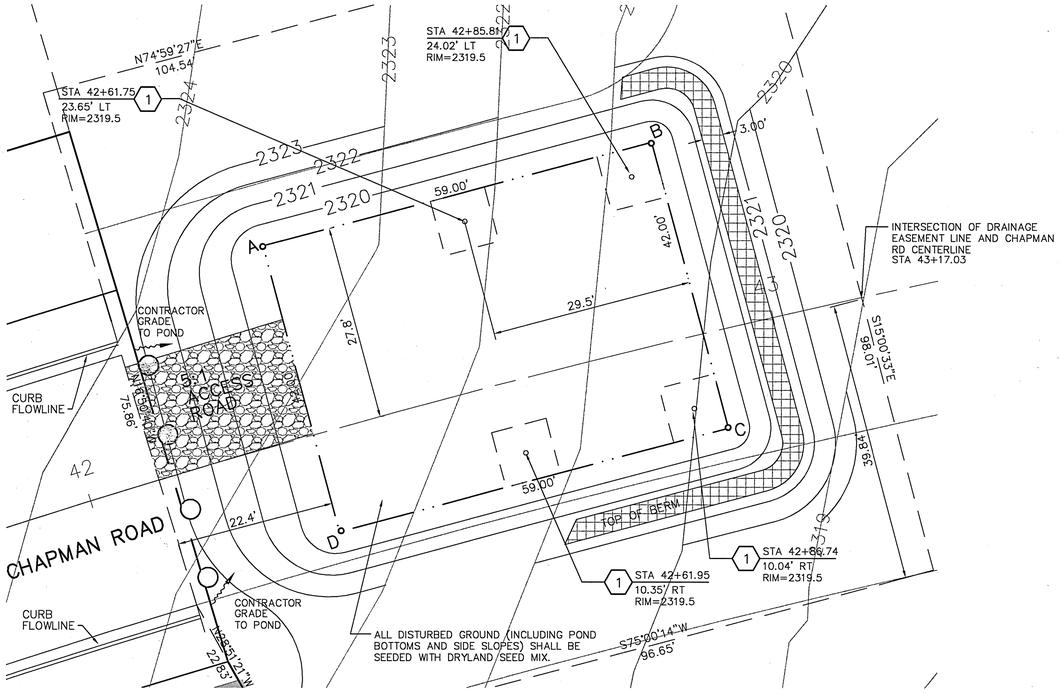
DEVELOPER'S APPROVAL — DATE

STREET CONSTRUCTION PLANS
WINDSOR RIDGE
STREET INTERSECTION DETAILS
SPOKANE COUNTY, WASHINGTON

Sheet Title: ROAD AND INTERSECTION DETAILS

LP1769-XSEC-REV-7.TIF

P1769 Eng Road & Drainage



TEMPORARY POND B

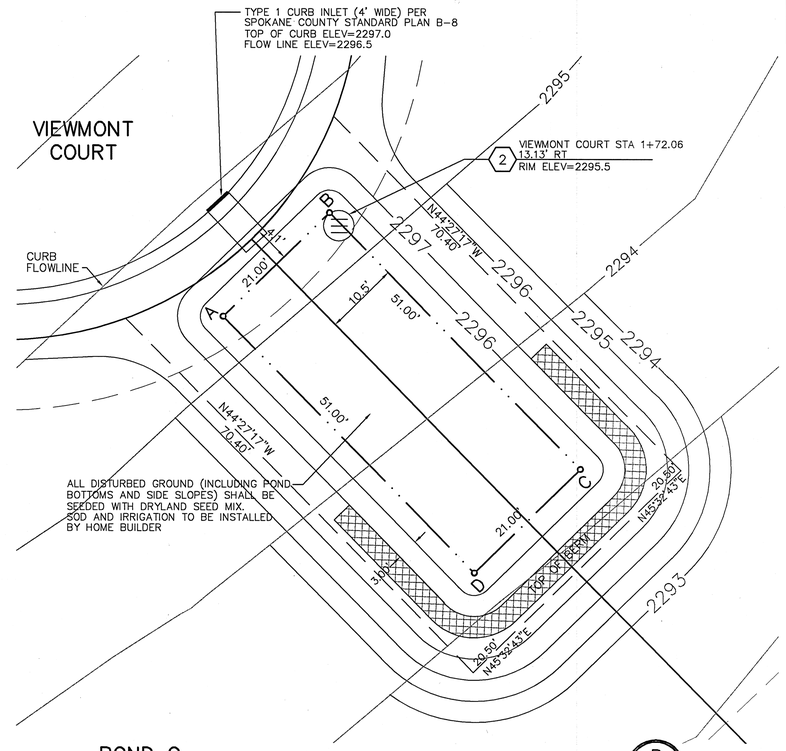
SCALE 1"–10'

A

TEMPORARY POND "B"
POND BOTTOM ELEV= 2319.0
POND BOTTOM AREA = 2478.0 S.F.
PERIMETER= 202 L.F.
TOP OF BERM= 2321.70
REQUIRED '208' VOLUME = 1,159 C.F.
'208' VOLUME PROVIDED = 1,239 C.F.

POND BOTTOM LOCATION TABLE
(CHAPMAN ROAD STATION & OFFSET)

POINT	STATION	OFFSET
A	42+33.80	27.77' LT
B	42+89.63	28.13' LT
C	42+90.78	13.86' RT
D	42+33.17	14.22' RT



POND C

SCALE 1"–10'

B

POND "C"
POND BOTTOM ELEV = 2295.0
POND BOTTOM AREA = 1071 S.F.
PERIMETER = 144 L.F.
TOP OF BERM = 2297.2
REQUIRED '208' VOLUME= 531 C.F.
'208' VOLUME PROVIDED = 536 C.F.

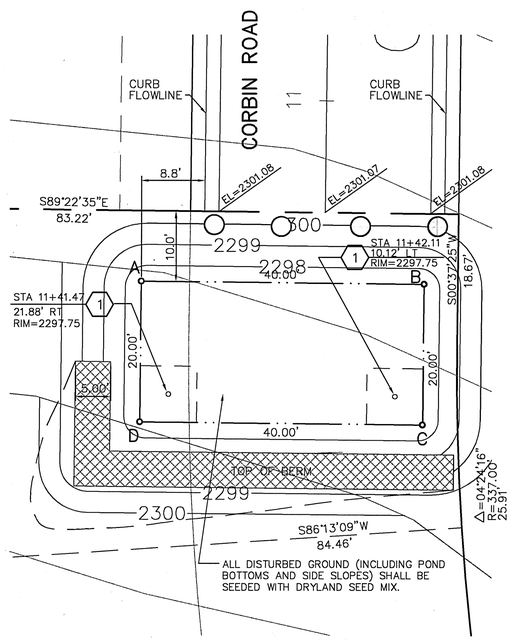
POND BOTTOM LOCATION TABLE
(VIEWMONT COURT STATION & OFFSET)

POINT	STATION	OFFSET
A	1+55.68	10.99' RT.
B	1+72.66	10.99' RT
C	1+68.61	61.52' RT
D	1+59.73	61.52' RT

2nd Revision: (07-29-03)
Plan Expiration Date:
09-25-04

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: D1769
DATE ACCEPTED: 09-25-01
ACCEPTANCE EXPIRES: 09-25-03 04
PROJECT LANE MILES PUBLIC: 0.47 0.57 *
PROJECT LANE MILES PRIVATE: 0.47 0
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

* Revised 10/10/01



TEMPORARY POND D

SCALE 1"–10'

C

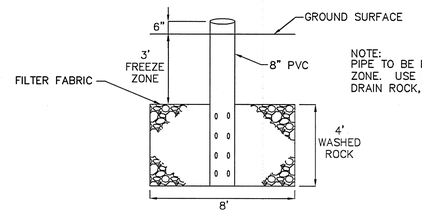
TEMPORARY POND "D"
POND BOTTOM ELEV = 2297.25
POND BOTTOM AREA = 800 S.F.
PERIMETER = 120 L.F.
TOP OF BERM = 2298.75
REQUIRED '208' VOLUME = 221 C.F.
'208' VOLUME PROVIDED = 447 C.F.

POND BOTTOM LOCATION TABLE
(SOUTH CORBIN ROAD STATION & OFFSET)

POINT	STATION	OFFSET
A	11+25.89	25.81' RT
B	11+25.89	14.19' LT
C	11+45.12	25.98' RT
D	11+46.36	14.01' LT

CONSTRUCTION NOTES

1. TEMPORARY DRYWELL, TYPICAL. SEE DETAIL D, THIS SHEET.
2. TYPE B DRYWELL, PER SPOKANE COUNTY STANDARD DRAWING B-1A WITH TYPE 4 METAL FRAME AND GRATE, PER SPOKANE COUNTY STANDARD DRAWING B-15.



NOTE:
PIPE TO BE PERFORATED BELOW FREEZE ZONE. USE MINIMUM 1" TO 3" WASHED DRAIN ROCK, WRAPPED WITH FILTER FABRIC.

TEMPORARY DRYWELL

NOT TO SCALE

D

DEVELOPER'S APPROVAL — DATE

COUNTY DATUM
PROJECT T.B.M. – P.K.
NAIL IN ROCK OUTCROPPING
ELEV=2369.64 (SEE COVER SHEET FOR LOCATION)

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

CLC Associates, Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
707 W. 7th Avenue, Suite 200
Spokane, WA 99204
Phone: (509) 458-6840
Fax: (509) 458-6844

STATE OF WASHINGTON — SCOTT A. RIVAS — 36605 — REGISTERED PROFESSIONAL ENGINEER
9-24-01
EXPIRES 01/26/03

PREPARED UNDER THE DIRECT SUPERVISION OF
SCOTT A. RIVAS, P.E.
WASHINGTON REGISTRATION NO. 36605
FOR AND ON BEHALF OF
CLC ASSOCIATES, INC.

Date	Description
05/16/01	COUNTY SUBMITTAL
08/01/01	COUNTY RESUBMITTAL
09/24/01	MYLARS

Project Number:	S980320
CLC Job Number:	98-320
Drawn By:	JCR
Designed By:	SAR/JCR
Checked By:	SAR

THESE PLANS ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROTECTED BY COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS INCLUDING COPYRIGHT. THEY MAY NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF CLC ASSOCIATES, INC. (AN AFFILIATE OF COLORADO LAND CONSULTANTS, INC.)

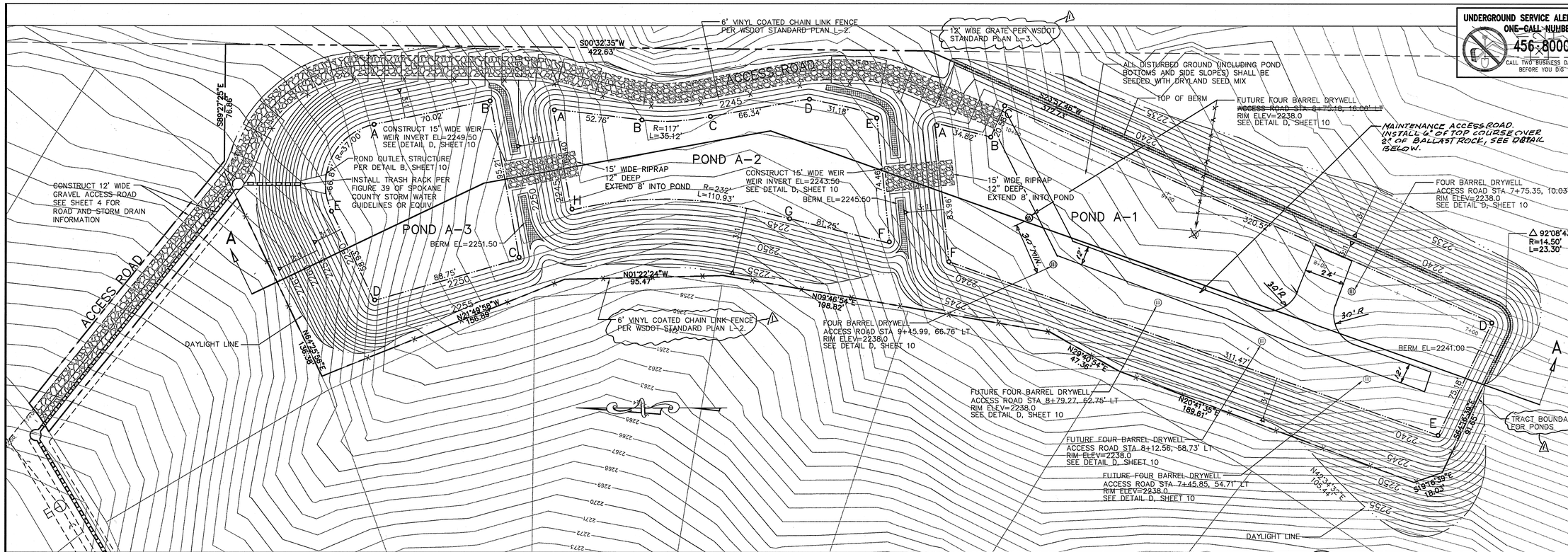
STREET CONSTRUCTION PLANS
WINDSOR RIDGE
POND DETAILS
SPOKANE COUNTY, WASHINGTON

Sheet Title
POND DETAILS

8 OF 10
Sheet Number

LP1769-DT-REV-8.TIF

P-1769 Eng Road + Drainage



POND A-3

SCALE: 1"=30'

POND "A-3"

POND BOTTOM ELEV= 2249.00
POND BOTTOM AREA = 9996.0 S.F.
PERIMETER= 384 L.F.
TOP OF BERM= 2251.50
REQUIRED '208' VOLUME = 3976 C.F.
'208' PROVIDED = 5144 C.F.

POND BOTTOM LOCATION TABLE (ACCESS ROAD STATION & OFFSET)

POINT	STATION	OFFSET
A	13+93.88	35.56' LT
B	13+25.53	20.32' LT
C	12+78.81	114.35' LT
D	15+15.75	113.54' LT
E	15+02.73	61.44' LT

POND A-2

SCALE: 1"=30'

POND "A-2"

POND BOTTOM ELEV= 2243.00
POND BOTTOM AREA = 11,611.0 S.F.
PERIMETER= 528 L.F.
TOP OF BERM= 2245.50
REQUIRED '208' VOLUME = 4641 C.F.
'208' PROVIDED = 6005 C.F.

POND BOTTOM LOCATION TABLE (ACCESS ROAD STATION & OFFSET)

POINT	STATION	OFFSET
A	12+81.17	22.98' LT
B	12+29.64	17.00' LT
C	11+99.62	17.00' LT
D	11+32.34	17.00' LT
E	10+83.95	26.59' LT
F	10+41.05	94.49' LT
G	11+76.70	77.49' LT
H	12+55.36	79.15' LT

POND A-1

SCALE: 1"=30'

POND "A-1"

POND BOTTOM ELEV= 2237.50
POND BOTTOM AREA = 28,985 S.F.
PERIMETER= 846.50 L.F.
TOP OF BERM= 2241.00
REQUIRED '208' VOLUME = 10,431 C.F.
'208' PROVIDED = 13,497 C.F.

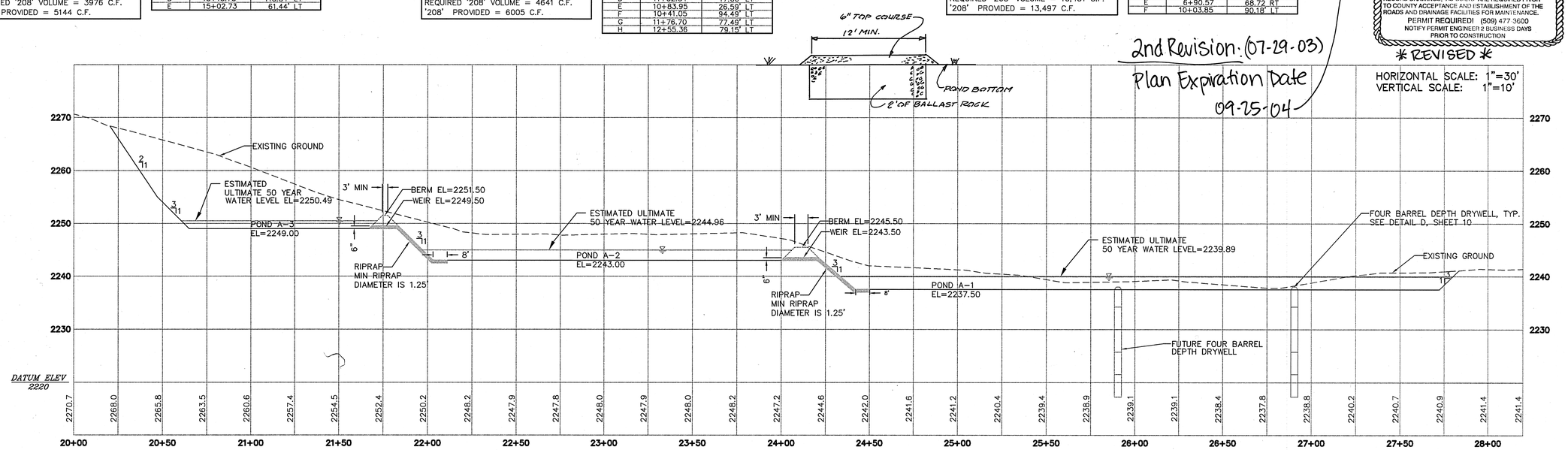
POND BOTTOM LOCATION TABLE (ACCESS ROAD STATION & OFFSET)

POINT	STATION	OFFSET
A	10+44.44	17.38' LT
B	10+10.84	11.50' LT
C	10+10.84	9.09' RT
D	6+90.57	6.50' RT
E	6+90.57	68.72' RT
F	10+03.85	90.18' LT

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769
DATE ACCEPTED: 09-25-01
ACCEPTANCE EXPIRES: 09-25-03 ~~04~~
PROJECT LANE MILES PUBLIC: 0.67
PROJECT LANE MILES PRIVATE: –
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

* REVISED *

2nd Revision: (07-29-03)
Plan Expiration Date
09-25-04



NOTE: SECTION STATIONING DOES NOT MATCH ACCESS ROAD STATIONING SHOWN IN PLAN VIEW ABOVE.

SECTION A-A

DEVELOPER'S APPROVAL — DATE 10/15/01

COUNTY DATUM
PROJECT T.B.M. – P.K.
NAIL IN ROCK OUTCROPPING
ELEV=2369.64 (SEE COVER SHEET FOR LOCATION)

P1769-DRAIN-REV-9.TIF Revised 5-01-02 P1769 Revised 10-15-01 Engineer & 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
707 W. 7th Avenue, Suite 200
Spokane, WA 99204
Phone: (509) 458-6840
Fax: (509) 458-6844

SCOTT A. RIVAS STATE OF WASHINGTON 36605 REGISTERED PROFESSIONAL ENGINEER 10-15-01
EXPIRES 01/26/

PREPARED UNDER THE DIRECT SUPERVISION OF SCOTT A. RIVAS, P.E. WASHINGTON REGISTRATION NO. 36605 FOR AND ON BEHALF OF CLC ASSOCIATES, INC.

Date	Description
05/16/01	COUNTY SUBMITTAL
08/01/01	COUNTY RESUBMITTAL
09/24/01	MYLARS
10/15/01	Revised Pond Trail, add fence
05/01/02	ADD ACCESS ROAD IN POND PER CO.

Project Number: S980320
CLC Job Number: 98-320
Drawn By: JCR
Designed By: SAR
Checked By: SAR

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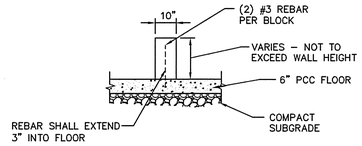
STREET CONSTRUCTION PLANS
WINDSOR RIDGE
POND DETAILS
SPOKANE COUNTY, WASHINGTON

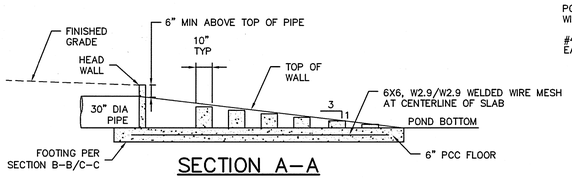
Sheet Title: POND DETAILS



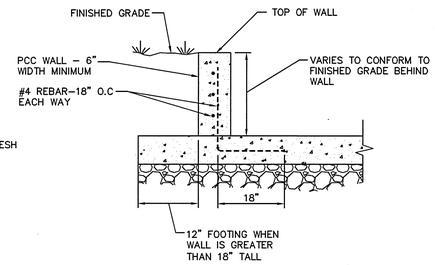
PCC BLOCK DETAIL

NOT TO SCALE

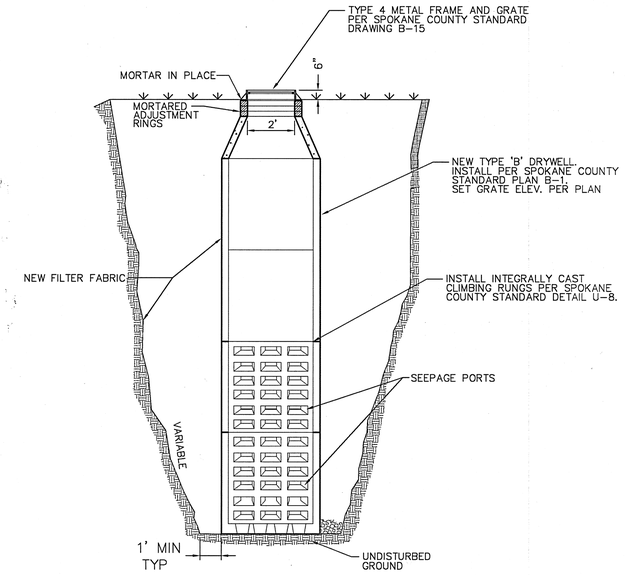
A
–



SECTION A–A



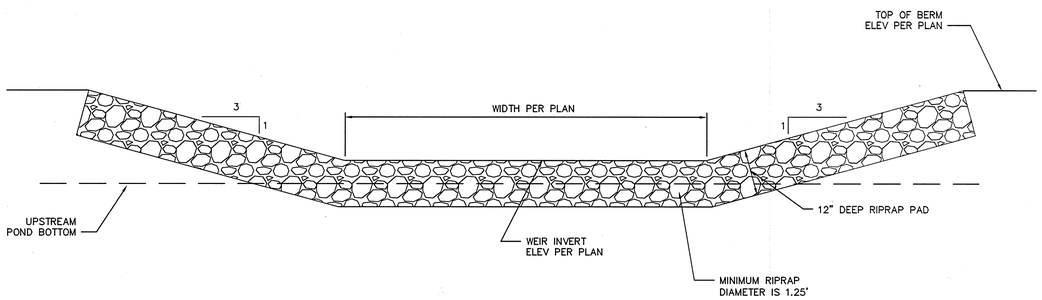
SECTION B–B/C–C



FOUR BARREL DRYWELL

SCALE 1"–10'

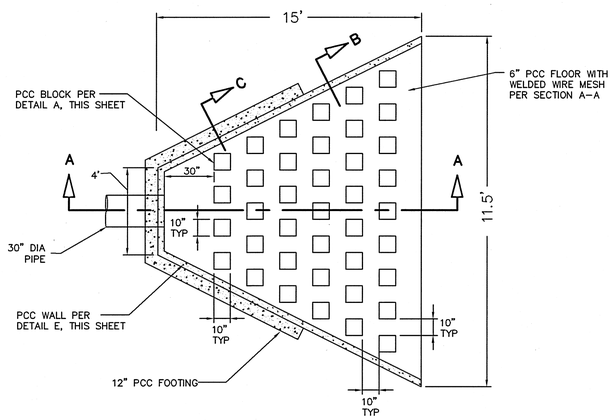
C
–



WEIR SECTION

NOT TO SCALE

D
–



ENERGY DISSIPATER OUTLET PLAN DETAIL

NOT TO SCALE

B
–

2nd Revision: (07-29-03)
Plan Expiration Date: 09-25-04

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769
DATE ACCEPTED: 09-05-01
ACCEPTANCE EXPIRES: 09-26-03 CSL
PROJECT LANE MILES PUBLIC: ~~0.47~~ 0.57 *
PROJECT LANE MILES PRIVATE: ~~0.41~~ 0
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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* Revised 10/18/01

DEVELOPER'S APPROVAL — DATE 9/24/01

UNDERGROUND SERVICE ALERT
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SCOTT A. RIVAS — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — No. 36605
EXPIRES 01/26/02

PREPARED UNDER THE DIRECT SUPERVISION OF SCOTT A. RIVAS, P.E. WASHINGTON REGISTRATION NO. 36605 FOR AND ON BEHALF OF CLC ASSOCIATES, INC.

Date	Description
05/16/01	COUNTY SUBMITTAL
08/01/01	COUNTY RESUBMITTAL
09/24/01	MYLARS

Project Number: S980320
CLC Job Number: 98–320
Drawn By: JCR
Designed By: SAR
Checked By: SAR

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STREET CONSTRUCTION PLANS
WINDSOR RIDGE
POND DETAILS
SPOKANE COUNTY, WASHINGTON

Sheet Title
DRAINAGE DETAILS

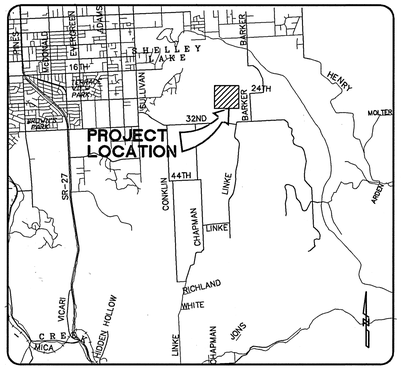
LP1769-DRAIN-REV-10.TIF

P-1769

Eng Road & Drainage

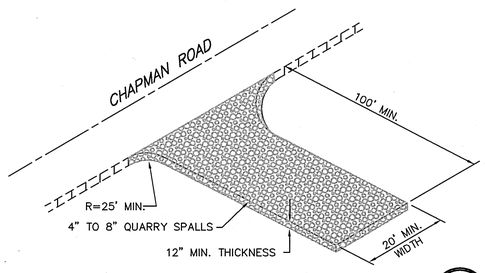
WINDSOR RIDGE

LOCATED IN
SECTION 30, T.25N., R.45E., W.M.
SPOKANE COUNTY, WASHINGTON
OCTOBER 1998



VICINITY MAP

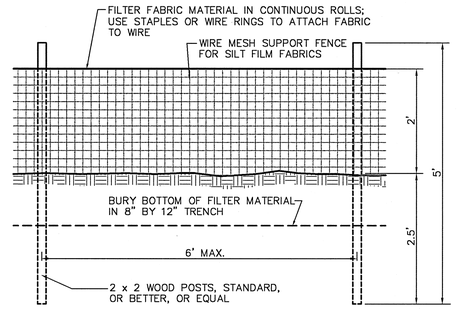
NOT TO SCALE



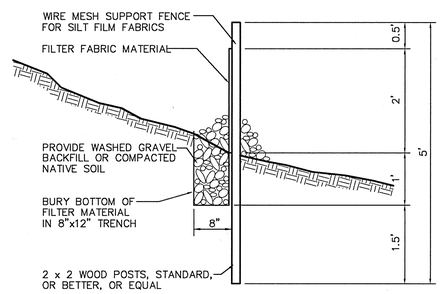
ROCK CONSTRUCTION ENTRY

NOT TO SCALE

1



ELEVATION



SECTION

SILT FENCE DETAIL

NOT TO SCALE

2

LEGEND

STORM DRAINAGE POND – NO CONCRETE TRUCK WASHOUT. SEE GENERAL NOTES 4 AND 7.

STORM DRAINAGE STRUCTURE – NO CONCRETE TRUCK WASHOUT. SEE GENERAL NOTES 4 AND 7.

SILT FENCE. SEE DETAIL 2 AND GENERAL NOTE 5.

ROCK CONSTRUCTION ENTRY. SEE DETAIL 1 AND GENERAL NOTE 6.

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.

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

SCOTT A. RIVAS, P.E.

DEVELOPER'S APPROVAL

DATE

GENERAL NOTES

1. UNLESS SPECIFICALLY EXCEPTED IN THE PLANS OR CONTRACT DOCUMENTS ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND STANDARD PLANS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION PROMULGATED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) AND THE WASHINGTON CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (LATEST EDITION).
2. THE PLANS ARE SCHEMATIC AND ARE NOT INTENDED TO DEPICT ALL DETAILS OF THE WORK REQUIRED THE CONTRACTOR SHALL BE RESPONSIBLE TO FAMILIARIZE HIMSELF WITH ACTUAL SITE CONDITIONS, REQUIREMENTS AND FACTORS AFFECTING THE WORK. WHERE LACK OF DETAIL OR CONFLICTS EXISTS BETWEEN THESE AND OTHER PLANS, THE CONTRACTOR SHALL NOTIFY THE OWNER TO RESOLVE THE ISSUE PRIOR TO PROCEEDING.
3. EXCAVATION AND EMBANKMENT SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SECTION 2-03 OF WSDOT STANDARD SPECIFICATIONS. ALL COMPACTION SHALL BE IN ACCORDANCE WITH SECTION 2-03.3(14)C, METHOD B.
4. THESE PLANS MAY NOT SHOW ALL EXISTING UTILITIES. EXISTING UTILITY LOCATIONS ARE APPROXIMATE. PRIOR TO CONSTRUCTION THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.
5. ALL FINISHED GRADING ELEVATIONS SHALL MATCH EXISTING ELEVATIONS AT THE SITE BOUNDARIES. WHERE CONFLICTS EXIST, THE CONTRACTOR SHALL NOTIFY THE OWNER TO RESOLVE THE ISSUE PRIOR TO PROCEEDING.
6. NO QUANTITIES HAVE BEEN CALCULATED TO DETERMINE VOLUMES OF EXCAVATION AND EMBANKMENT ON THIS PROJECT. THE CONTRACTOR SHALL WORK WITH THE OWNER TO IDENTIFY ONSITE BORROW SITES OR WASTE SITES WHICH MAY BE REQUIRED.
7. THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED GRADING AND EROSION CONTROL PLANS ON THE JOB WHENEVER CONSTRUCTION IS IN PROGRESS.
8. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
9. ALL CONTOURS SHOWN ON THESE PLANS ARE FINISHED GRADE CONTOURS. THE CONTRACTOR SHALL ROUGH GRADE ROADS TO SUBGRADE AS SHOWN ON THE TYPICAL ROADWAY SECTIONS. SEE APPROVED STREET AND DRAINAGE PLANS.
10. ALL EXCESS EXCAVATED SOIL SHALL BE STOCKPILED ON SITE PER THE OWNERS DIRECTION.
11. CUT SLOPES IN SOLID ROCK SHALL NOT EXCEED 1/2:1 (HORIZONTAL:VERTICAL), AND SOIL CUT SLOPES SHALL NOT EXCEED 2:1 (HORIZONTAL:VERTICAL). FILL SLOPES ACROSS THE PROPERTY SHOULD BE DESIGNED FOR A MAXIMUM SLOPE OF 2:1 (HORIZONTAL:VERTICAL).
12. STRUCTURAL FILL PLACED FOR SUBDIVISION DEVELOPMENT SHALL BE COMPACTED TO AT LEAST 92% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 (MODIFIED PROCTOR).

GRAPHIC SCALE

100 0 50 100 200

(IN FEET)
1 inch = 100 ft.

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

EROSION & SEDIMENTATION CONTROL

1. AN EROSION/SEDIMENT CONTROL (ESC) PLAN IS REQUIRED FOR THIS PROJECT. IMPLEMENTATION OF THE ESC PLAN, AND CONSTRUCTION, MAINTENANCE, AND UPGRADING OF THE ESC 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 ESC PLAN DOES NOT CONSTITUTE APPROVAL OF ANY OF THE PROPOSED ROAD, STORM DRAINAGE, GRADING OR UTILITY DESIGN ELEMENTS SHOWN ON THE ESC PLAN.
3. THE EROSION/SEDIMENT CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THESE ESC MEASURES DAILY, AND SHALL MAINTAIN AND UPGRADE THESE MEASURES AS NECESSARY TO PREVENT SEDIMENT-LADEN WATER FROM EITHER FLOWING OFF SITE, OR INTO NEW/EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRYWELLS, INLETS, PIPES OR CULVERTS.
4. GEOTEXTILE FABRIC IS TO BE PLACED BETWEEN THE RIMS AND GRATES OF DRYWELLS, 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. SILT FENCES SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO OTHER SITE WORK, AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. SEE DETAIL 2
6. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION ENTRIES AT ANY AND ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE. SEE DETAIL 1
7. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A LOCATION WHERE CONCRETE TRUCKS AND EQUIPMENT CAN BE WASHED OUT, NOT LOCATED NEAR NOR DRAINING INTO A STORM DRAINAGE STRUCTURE OR TRACT AREA.
8. PROPERTY OWNER: R.T. DEVELOPMENT
9. PROJECT LOCATION: LOCATED IN THE SPOKANE VALLEY BORDERED ON THE NORTH BY CHAPMAN RD., ON THE WEST BY SUMNER LANE, ON THE EAST BY A QUARTER SECTION LINE OF THE S.W. QUARTER OF SECTION 30, ON THE SOUTH BY GALAXY DRIVE. IN THE NW 1/4 OF SECTION 30, T.25N., R.25E. WM
10. PROJECT DESCRIPTION: WINDSOR RIDGE PHASE 1 CONSISTS OF 36 RESIDENTIAL LOTS ZONED SR1, RESIDENTIAL LOTS. SITE DEVELOPMENT INCLUDES APPROXIMATELY 3400 LINEAR FEET OF NEW PUBLIC STREETS, CURB AND SIDEWALK, WITH ASSOCIATED SEWER, WATER, UTILITIES AND STORM DRAINAGE.
11. DESCRIPTION OF ESC MEASURES: USE OF SILT FENCES AND ROCK CONSTRUCTION ENTRANCES. ALL ESC MEASURES MENTIONED ABOVE ARE TEMPORARY AND WILL BE REMOVED AFTER YARDS ARE LANDSCAPED.
12. EXISTING VEGETATION: FIELD GRASS AND PLOWED FIELD.
13. PLAN PREPARATION DATE: MAY 3, 2001.
14. SOILS:

SCS SOILS ON-SITE

BsB – BONG AND PHOEBE LOAMY SANDS, 0 TO 20 PERCENT SLOPES
McB – MARBLE SANDY LOAM, 0 TO 8 PERCENT SLOPES
McC – MARBLE LOAMY SAND, 0 TO 30 PERCENT SLOPES

15. ANY DISTURBED AREAS, WHICH WOULD BE LEFT BARE FOR MORE THAN 7 DAYS AND ARE NOT INTENDED TO BE REWORKED WITHIN 30-45 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. ALL DRAINAGE CHANNELS SHALL BE EVALUATED FOR EROSION POTENTIAL. THOSE DRAINAGE COURSES WHICH ARE TO RECEIVE CONCENTRATED STORM WATER RUNOFF AND ARE FOUND TO BE SUBJECT TO EROSION FROM THE ANTICIPATED POST DEVELOPMENT RUNOFF SHALL BE EITHER LINED OR RIP-RAPPED TO MINIMIZE THE POTENTIAL FOR EXCESSIVE EROSION.

MAINTENANCE

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL TEMPORARY ESC 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 ESC STRUCTURE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
6. ALL TEMPORARY AND PERMANENT ESC PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
7. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.
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 WATER UNDER PRESSURE. SWEEPING AND WATER SHALL BE USED WHEN WATER PRESSURE ALONE WILL NOT WASH THE CONSTRUCTION DEBRIS FROM THE STREET.
9. DUST CONTROL: AN APPROVED METHOD OF DUST CONTROL, MEETING THE REQUIREMENTS OF LOCAL REGULATIONS SHALL BE UTILIZED DURING THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MATERIALS WHICH SPILL ONTO LOCAL STREETS DURING THE TRANSPORTATION OF THE EQUIPMENT. SHOULD A SPILL OCCUR, THE CONTRACTOR SHALL REMOVE THE MATERIAL, BY THE END OF THE WORK DAY. NO MATERIAL SHALL BE ALLOWED TO SET, DRY OR BE WASHED INTO ADJACENT STORMWATER FACILITIES.

2nd Revision: (07-29-2003)
Plan Expiration Date: 09-25-04

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1769
DATE ACCEPTED: 09-25-01
ACCEPTANCE EXPIRES: 09-25-03 CSL
PROJECT LANE MILES PUBLIC: 0.46 057 #
PROJECT LANE MILES PRIVATE: 0.44 0
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.
Revised 10/18/01

CLC Associates, Inc.
Planning
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Architecture
Landscape Architecture
Land Surveying
707 W. 7th Avenue, Suite 200
Spokane, WA 99204
Phone: (509) 458-6840
Fax: (509) 458-6844

STATE OF WASHINGTON
SCOTT A. RIVAS
36605
REGISTERED PROFESSIONAL ENGINEER
9-25-01
EXPIRES 01/26/02

PREPARED UNDER THE DIRECT SUPERVISION OF SCOTT A. RIVAS, P.E. WASHINGTON REGISTRATION NO. 36605 FOR AND ON BEHALF OF CLC ASSOCIATES, INC.

Date	Description
05/03/01	PRELIMINARY SUBMITTAL
05/16/01	COUNTY SUBMITTAL
08/01/01	COUNTY RESUBMITTAL
09/25/01	MYLARS

Project Number:	S980320
CLC Job Number:	98-320
Drawn By:	MJP/JCR
Designed By:	SAR
Checked By:	SAR

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WINDSOR RIDGE
EROSION AND SEDIMENT CONTROL PLAN
TITLE INFO
SPOKANE COUNTY, WASHINGTON

Sheet Title
EROSION CONTROL PLAN

1 of 2
Sheet Number

LP1769-DRAIN-REV-11.TIF

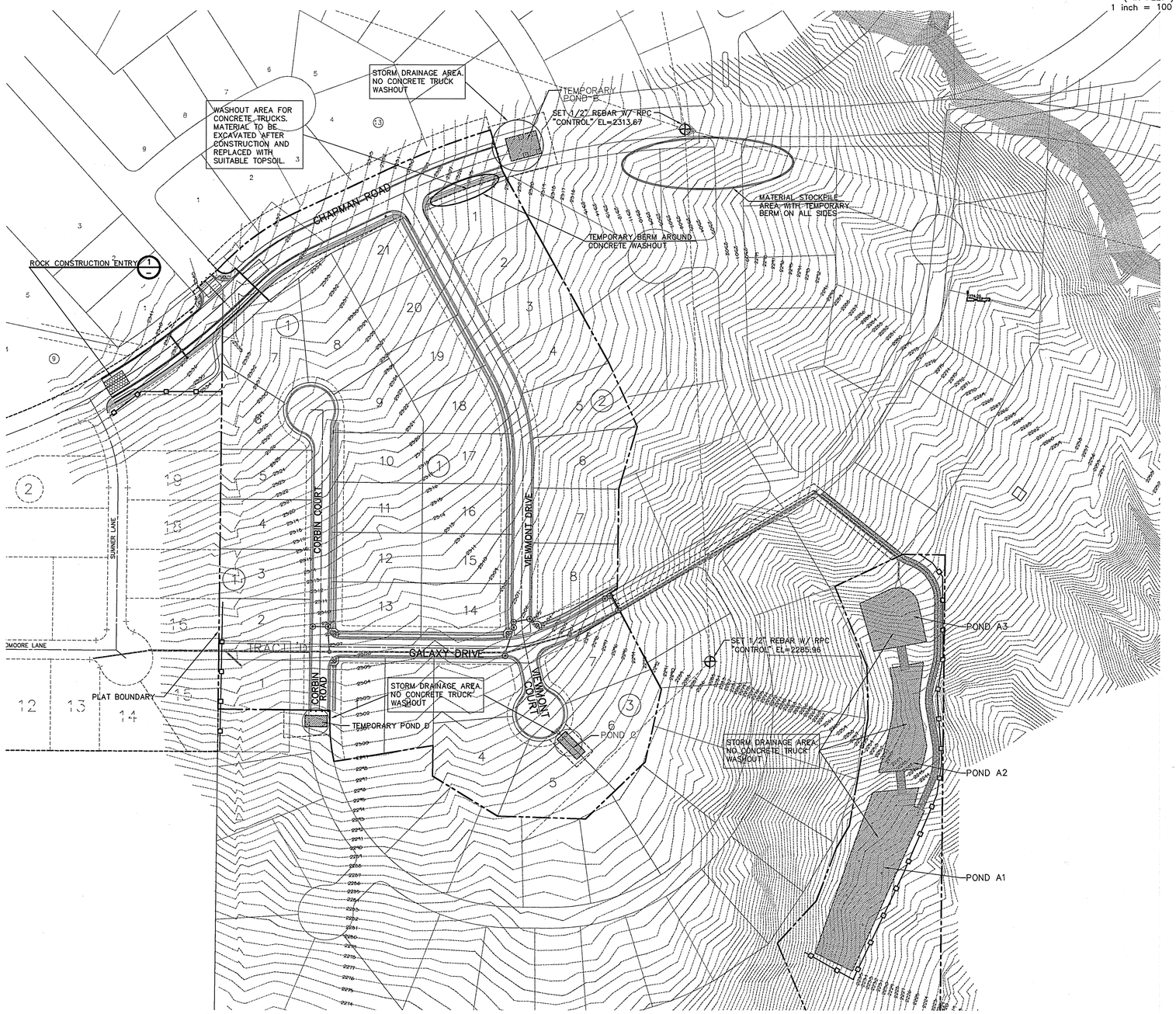
P-1769

Eng Road & Drainage

WINDSOR RIDGE

LOCATED IN
SECTION 30, T.25N., R.45E., W.M.
SPOKANE COUNTY, WASHINGTON

GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
1 inch = 100 ft.



2nd Revision: (07-29-03)
Plan Expiration Date:
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SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
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PROJECT #: P1769
DATE ACCEPTED: 09-25-01
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PROJECT LANE MILES PUBLIC: ~~0.41~~ 0.67 *
PROJECT LANE MILES PRIVATE: ~~0.41~~ 0
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NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

* Revised 10/18/01

DEVELOPER'S APPROVAL — DATE 9/24/01

LP1769-GRAD-REV-12.TIF

P-1769

Eng Road & Drainage

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456·8000
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Associates, Inc.
Planning
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Architecture
Landscape Architecture
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SCOTT A. RIVAS
STATE OF WASHINGTON
36605
REGISTERED PROFESSIONAL ENGINEER
9-25-01
EXPIRES 01/26/02

PREPARED UNDER THE DIRECT SUPERVISION OF
SCOTT A. RIVAS, P.E.
WASHINGTON REGISTRATION
NO. 36605
FOR AND ON BEHALF OF
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Date	Description
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06/01/01	COUNTY SUBMITTAL
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Project Number: S980320
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WINDSOR RIDGE
EROSION AND SEDIMENT CONTROL PLAN
TITLE INFO
SPOKANE COUNTY, WASHINGTON

Sheet Title
EROSION CONTROL PLAN

2 of 2
Sheet Number