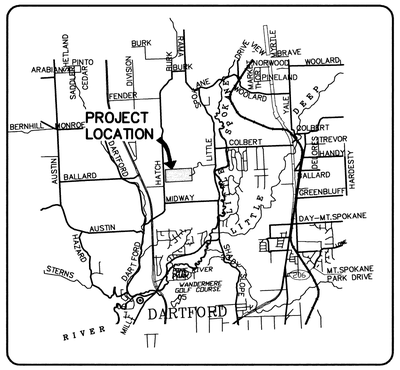
P-17448

LOCATED IN THE SE 1/4 OF SEC. 20
AND THE NE 1/4 OF SEC. 29
T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON

CANTERBURY TERRACE PHASE III

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P17448
DATE ACCEPTED: 4/4/2002
ACCEPTANCE EXPIRES: 4/4/2004
PROJECT LANE MILES PUBLIC: 0.70
PROJECT LANE MILES PRIVATE: 0.02
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



VICINITY MAP

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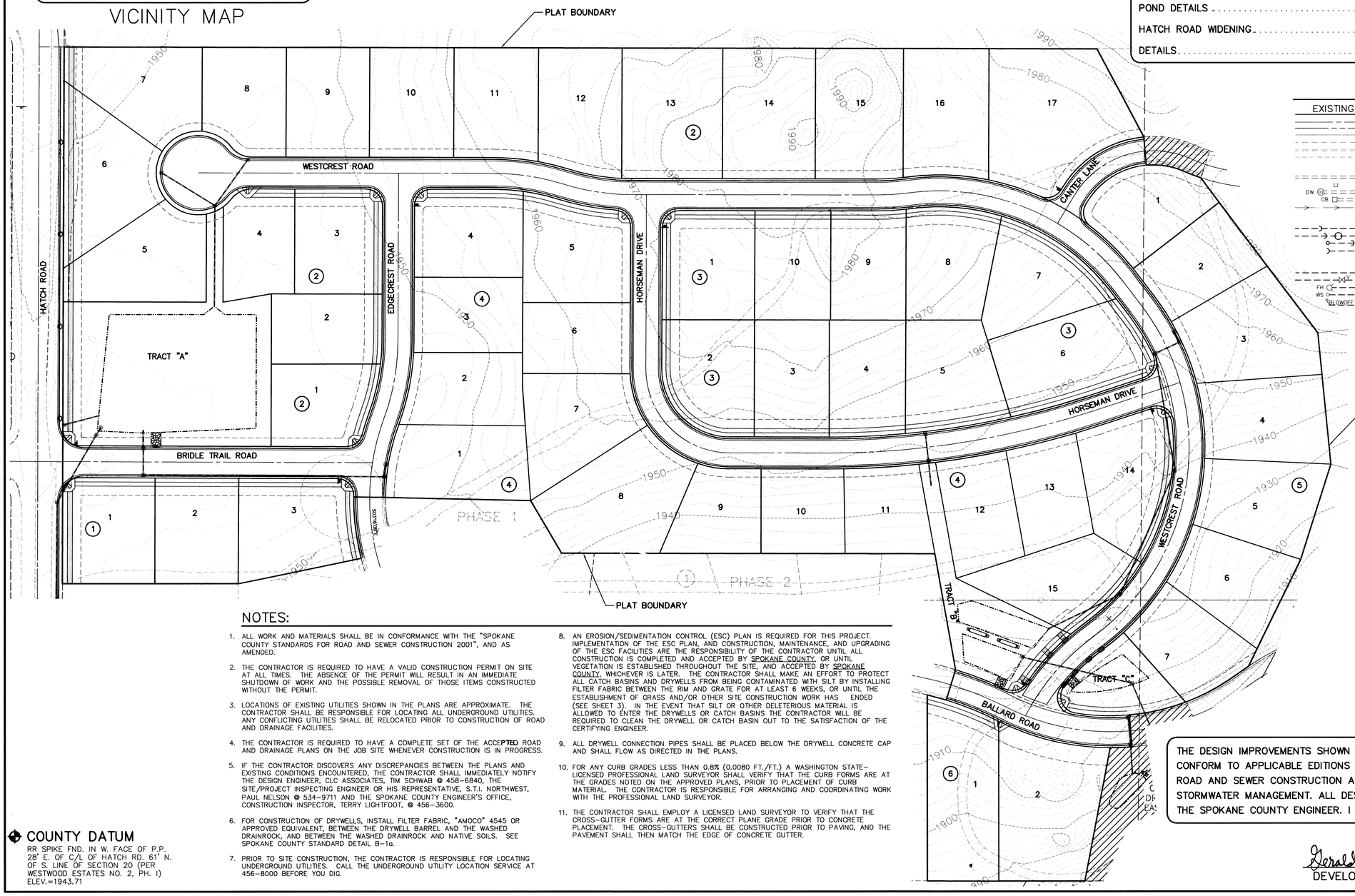
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456·8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

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

TIMOTHY A. SCHWAB
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/21/03



LEGEND

EXISTING	GENERAL	PROPOSED
	ROADWAY CENTER LINE	
	RIGHT OF WAY LINE	
	PROPERTY LINE	
	EASEMENT LINE	
	CURB	
	PAVEMENT	
	STORM DRAINAGE	
	DRAINAGE LINE	
DW	DRYWELL	DW
CB	CATCH BASIN	CB
	DITCH	
	SANITARY SEWER	
	SANITARY SEWER	
	MANHOLE	
	CLEANOUT	
	SEWER SERVICE	
	WATER	
	WATER LINE	
V	VALVE	V
FH	FIRE HYDRANT	FH
WS	SERVICE	WS
BLOWOFF	BLOWOFF	BLOWOFF

GRAPHIC SCALE
60 0 30 60 120
(IN FEET)
1 inch = 60 ft.

NOTES:

1. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 2001", 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 SHALL BE 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 THE ACCEPTED 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, CLC ASSOCIATES, TIM SCHWAB @ 458-6840, THE SITE/PROJECT INSPECTING ENGINEER OR HIS REPRESENTATIVE, S.T.I. NORTHWEST, PAUL NELSON @ 534-9711 AND THE SPOKANE COUNTY ENGINEER'S OFFICE, CONSTRUCTION INSPECTOR, TERRY LIGHTFOOT, @ 456-3600.
6. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC, "AMOCO" 4545 OR APPROVED EQUIVALENT, BETWEEN THE DRYWELL BARREL AND THE WASHED DRAINROCK, AND BETWEEN THE WASHED DRAINROCK AND NATIVE SOILS. SEE SPOKANE COUNTY STANDARD DETAIL B-1a.
7. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.
8. AN EROSION/SEDIMENTATION 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 CONTRACTOR 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. THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL CATCH BASINS AND DRYWELLS FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC BETWEEN THE RIM AND GRATE FOR AT LEAST 6 WEEKS, OR UNTIL THE ESTABLISHMENT OF GRASS AND/OR OTHER SITE CONSTRUCTION WORK HAS ENDED (SEE SHEET 3). 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. ALL DRYWELL CONNECTION PIPES SHALL BE PLACED BELOW THE DRYWELL CONCRETE CAP AND SHALL FLOW AS DIRECTED IN THE PLANS.
10. 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.
11. THE CONTRACTOR SHALL EMPLOY A LICENSED LAND SURVEYOR TO VERIFY THAT THE CROSS-GUTTER FORMS ARE AT 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 CONCRETE GUTTER.

COUNTY DATUM

RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. I) ELEV.=1943.71

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.

Gerald R. Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

Date	Description

Project Number:	S990.394
CLC Job Number:	99-394
Drawn By:	MJP
Designed By:	MJP
Checked By:	TAS

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 C.L.C. ASSOCIATES, INC. (AN AFFILIATE OF COLORADO LAND CONSULTANTS, INC.)

STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
STREET COVER SHEET
SPOKANE COUNTY, WASHINGTON

Sheet Title
STREET COVER SHEET

P-17448 Eng Road-Drainage

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P-17448

SEC. 20 & 29, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON

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

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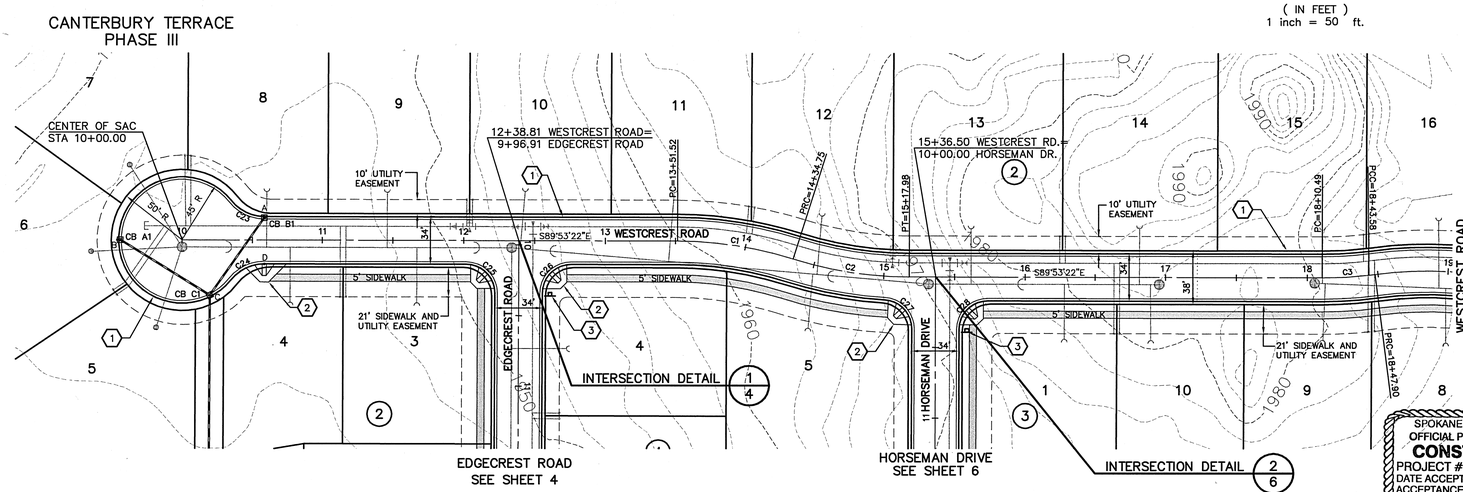
Fax: (509) 458-6844

TIMOTHY A. SCHULTZ
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/21/03

CONSTRUCTION NOTES:

1. TYPE B CURB PER SPOKANE COUNTY STANDARD DETAIL A-3 (TYP).
2. CURB RAMP PER SPOKANE COUNTY STANDARD DETAIL A-5 (TYP).
3. STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.



SPOKANE COUNTY ENGINEERS OFFICE
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PROJECT #: P17448
DATE ACCEPTED: 4/4/2002
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PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

FOR STORM DRAIN RIM ELEV, PIPE LENGTHS AND INVERT ELEVATIONS, SEE STORM DRAIN PLAN AND PROFILE SHEETS

CURVE TABLE

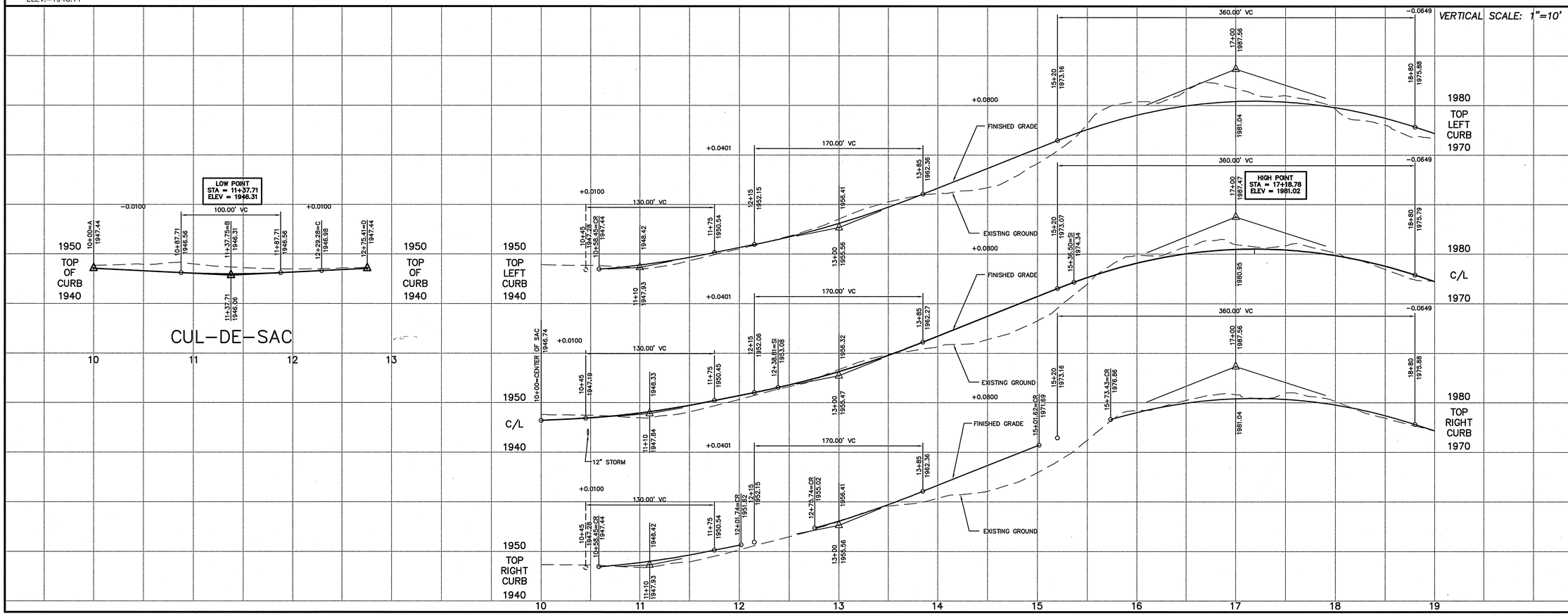
NUMBER	RADIUS	LENGTH (FT)	TANGENT	CHORD	DELTA
C1	275.00	83.23	41.94	82.92	17°20'29"
C2	275.00	83.23	41.94	82.92	17°20'29"
C3	275.00	37.40	18.73	37.37	7°47'35"
C23	30.50	27.25	14.61	26.36	51°11'43"
C24	30.50	27.25	14.61	26.36	51°11'43"
C25	20.50	32.24	20.54	29.02	90°06'47"
C26	20.50	32.16	20.46	28.96	89°53'13"
C27	20.50	31.02	19.35	28.15	86°42'11"
C28	20.50	32.16	20.46	28.96	89°53'13"

COUNTY DATUM

RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. I) ELEV.=1943.71

Gerald R Canter
DEVELOPER'S APPROVAL

2/20/02
DATE



Date	Description

Project Number: S990394
CLC Job Number: 99-394
Drawn By: MJP
Designed By: EMT
Checked By: TAS

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STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
WESTCREST ROAD
STA 10+00 TO STA 19+00
SPOKANE COUNTY, WASHINGTON

Sheet Title
STREET PLAN AND PROFILE

2 of 15
Sheet Number

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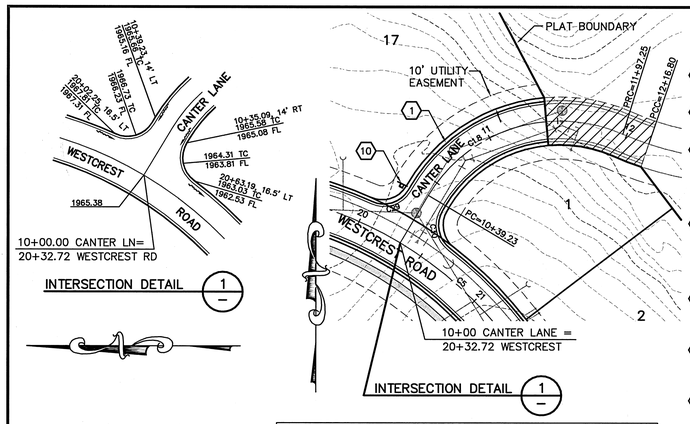
P-17448 Eng Road & Drainage

SEC. 29, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON



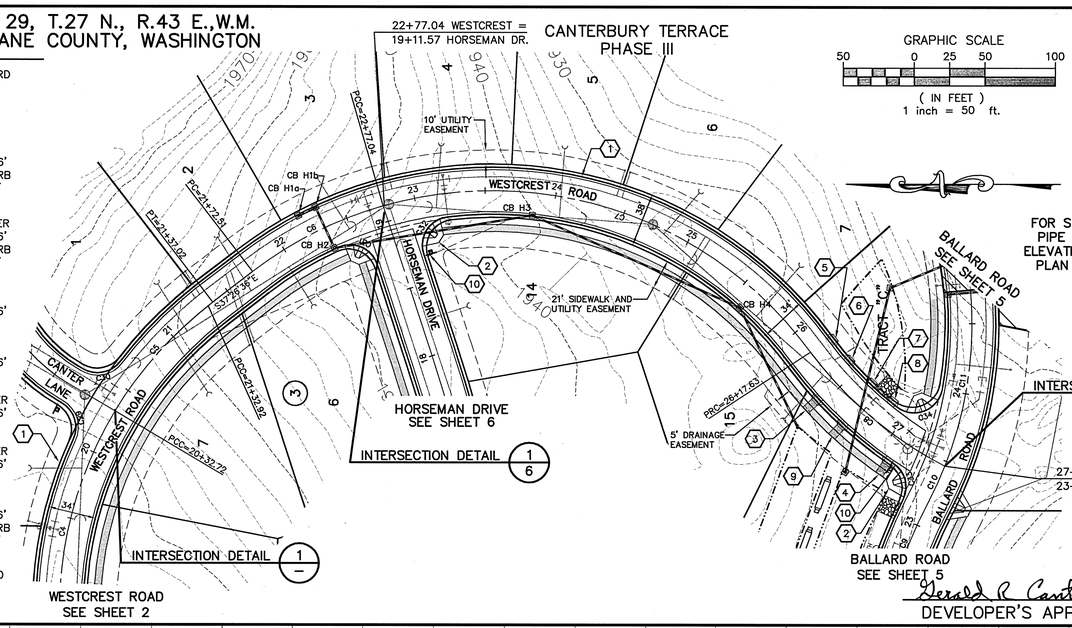
CONSTRUCTION NOTES:

1. TYPE B CURB PER SPOKANE COUNTY STANDARD DETAIL A-3 (TYP).
2. CURB RAMP PER SPOKANE COUNTY STANDARD DETAIL A-5 (TYP).
3. STA 26+46, 15' RT, TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD DETAIL B-8, L=6' WITH 2" GUTTER DEPRESSION AND TYPE 2 CURB INLET UNDER SIDEWALK PER SPOKANE COUNTY STANDARD DETAIL B-9.
4. STA 27+08.33, 15' RT, TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD DETAIL B-8, L=6' WITH 2" GUTTER DEPRESSION AND TYPE 2 CURB INLET UNDER SIDEWALK PER SPOKANE COUNTY STANDARD DETAIL B-9.
5. STA 26+20, 15' LT, TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD DETAIL B-8. L=6' WITH 2" GUTTER DEPRESSION.
6. STA 26+40, 15' LT, TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD DETAIL B-8. L=6' WITH 2" GUTTER DEPRESSION.
7. STA 26+64.40, 15' LT, TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD DETAIL B-8. L=6' WITH 2" GUTTER DEPRESSION.
8. STA 26+85.40, 15' LT, TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD DETAIL B-8. L=6' WITH 2" GUTTER DEPRESSION.
9. STA 26+70, 15' RT, TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD DETAIL B-8, L=6' WITH 2" GUTTER DEPRESSION AND TYPE 2 CURB INLET UNDER SIDEWALK PER SPOKANE COUNTY STANDARD DETAIL B-9.
10. STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.

CURVE TABLE					
NUMBER	RADIUS	LENGTH (FT)	TANGENT	CHORD	DELTA
C4	275.00	184.82	96.05	181.36	38°30'24"
C5	275.00	104.31	52.79	103.68	21°43'57"
C6	280.00	104.53	52.88	103.93	21°23'26"
C7	280.00	340.59	194.95	319.98	69°41'38"
C8	275.00	125.74	63.99	124.65	26°11'54"
C10	275.00	26.50	13.26	26.49	5°31'18"
C11	275.00	127.29	64.81	126.16	26°31'14"
C29	20.50	29.93	18.35	27.34	83°39'05"
C30	20.50	29.93	18.35	27.34	83°39'05"
C31	20.50	34.47	22.90	30.55	96°19'43"
C32	20.50	36.21	24.96	31.68	101°12'13"
C33	20.50	29.33	17.81	26.89	81°58'04"
C34	20.50	42.32	34.31	35.19	118°16'36"

COUNTY DATUM

RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. I) ELEV.=1943.71



GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

FOR STORM DRAIN RIM ELEV, PIPE LENGTHS AND INVERT ELEVATIONS, SEE STORM DRAIN PLAN AND PROFILE SHEETS

Gerald R Canter 2/20/02
DEVELOPER'S APPROVAL DATE

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
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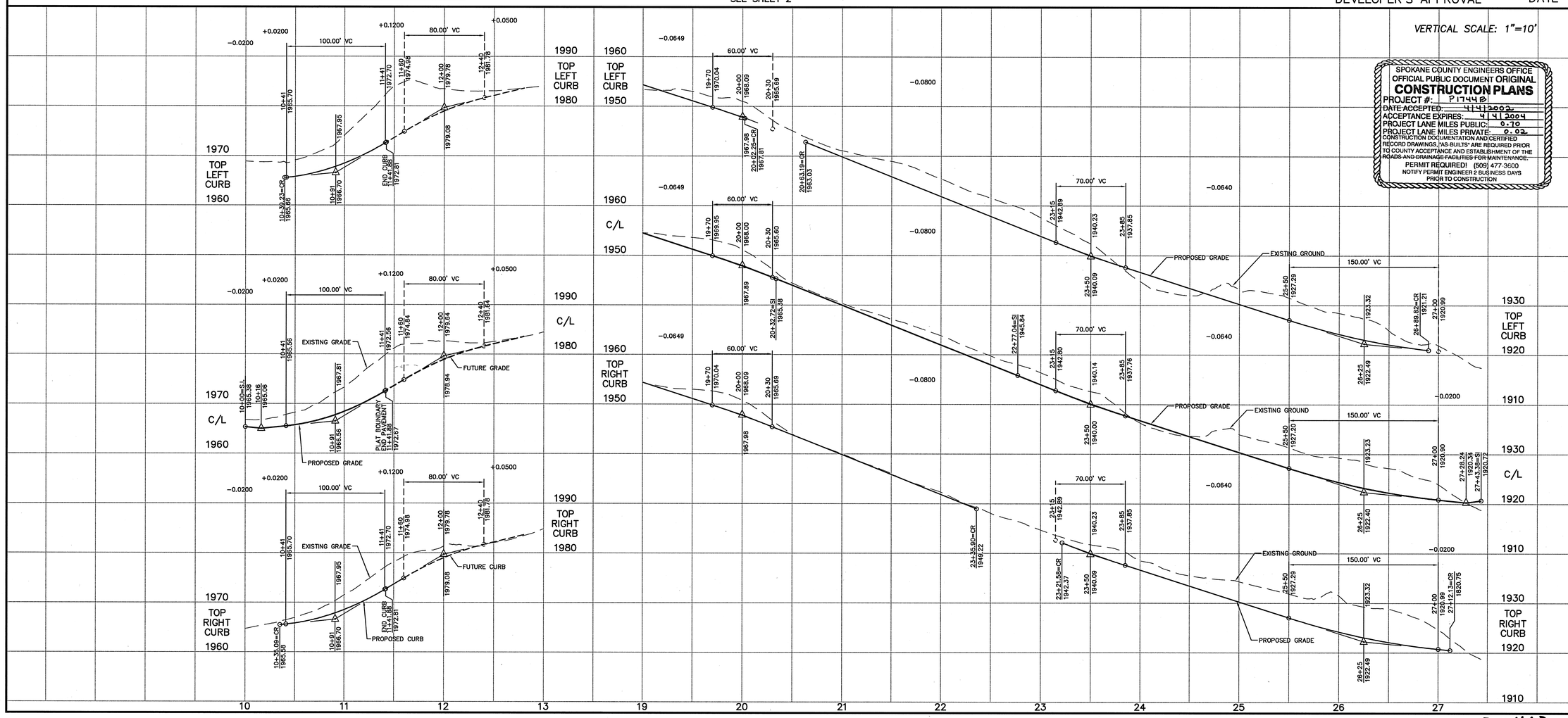
TIMOTHY A. SCHICK
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
2/20/02
EXPIRES 9/21/03

Date	Description

VERTICAL SCALE: 1"=10'



SPOKANE COUNTY ENGINEERS OFFICE
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PROJECT #: P1744B
DATE ACCEPTED: 4/4/2002
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Project Number:	S990394
CLC Job Number:	S990394
Drawn By:	MJP
Designed By:	EMT
Checked By:	TAS

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STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
WESTCREST ROAD
STA 19+00 TO STA 27+43.38
SPOKANE COUNTY, WASHINGTON

Sheet Title
STREET PLAN AND PROFILE

P-1744B Eng Road & Drainage

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P 1744 B

SEC. 29, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON

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50 0 25 50 100
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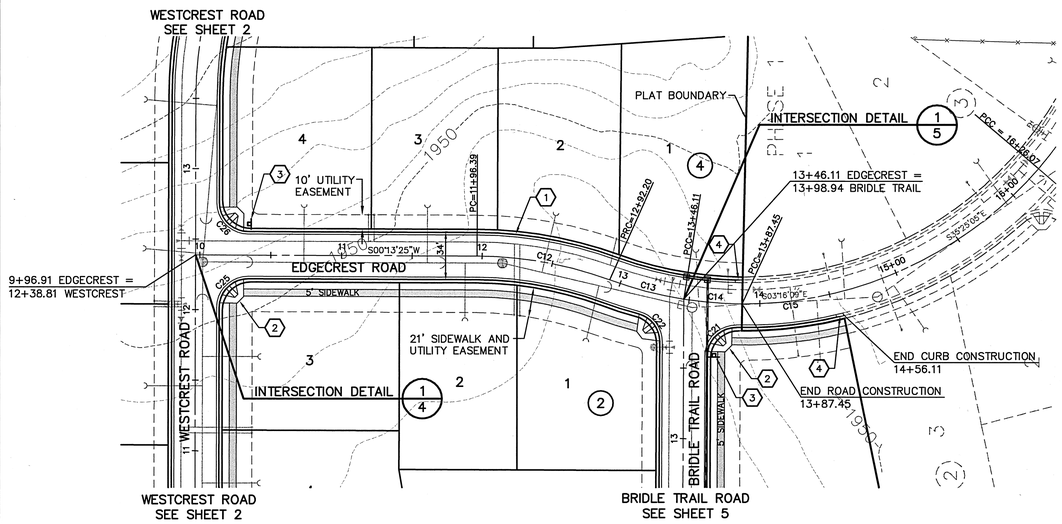

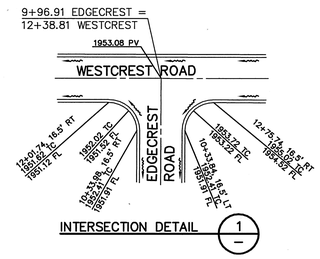

CONSTRUCTION NOTES:

1. TYPE B CURB PER SPOKANE COUNTY STANDARD DETAIL A-3 (TYP).
2. CURB RAMP PER SPOKANE COUNTY STANDARD DETAIL A-5 (TYP).
3. STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
4. CURB TRANSITION, SEE DETAIL 1, SHEET 15.

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CURVE TABLE					
NUMBER	RADIUS	LENGTH (FT)	TANGENT	CHORD	DELTA
C12	275.00	95.82	48.40	95.33	19°57'48"
C13	275.00	53.90	27.04	53.82	11°13'51"
C14	275.00	41.35	20.71	41.31	8°36'52"
C15	275.00	68.66	34.51	68.48	14°18'19"
C21	20.50	32.51	20.81	29.21	90°52'22"
C22	20.50	26.97	15.84	25.07	75°22'47"
C25	20.50	32.24	20.54	29.02	90°06'47"
C26	20.50	32.16	20.46	28.96	89°53'13"

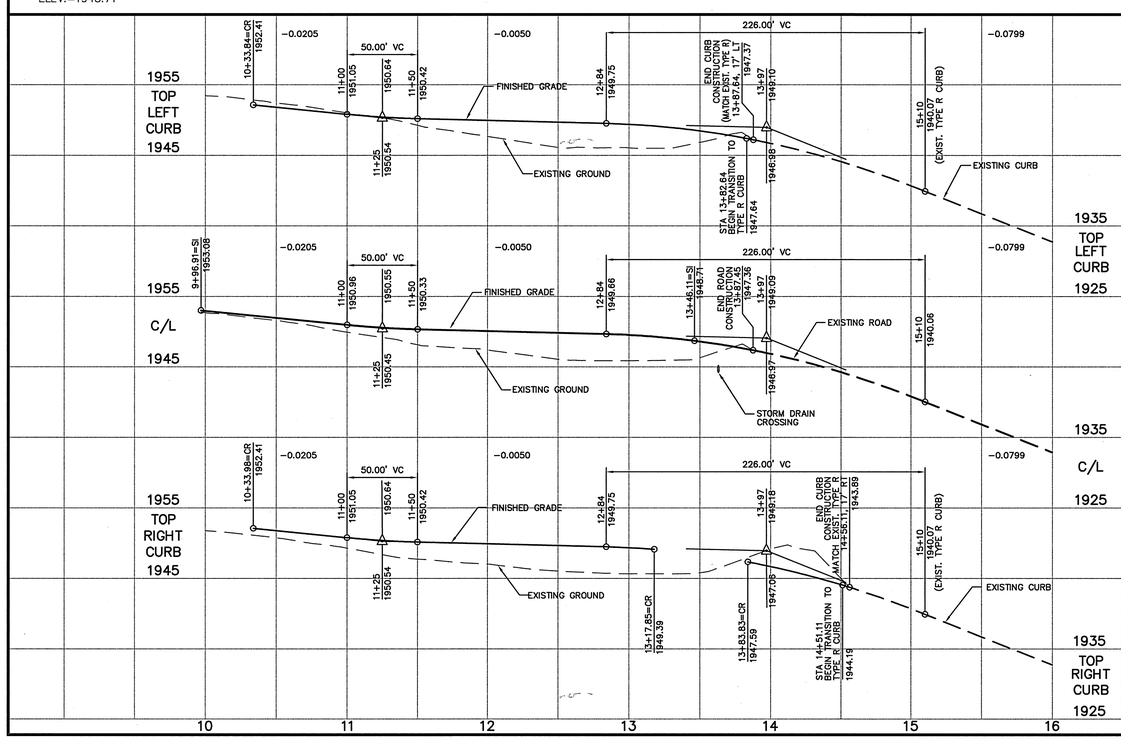
FOR STORM DRAIN RIM ELEV, PIPE LENGTHS AND INVERT ELEVATIONS, SEE STORM DRAIN PLAN AND PROFILE SHEETS

⊕ COUNTY DATUM
RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. I) ELEV.=1943.71

Gerald R Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

VERTICAL SCALE: 1"=10'



Date	Description

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CLC Job Number: 99-394
Drawn By: MJP
Designed By: EMT
Checked By: TAS

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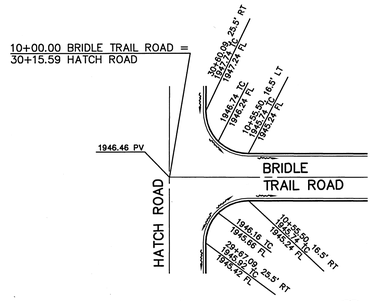
STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
EDGECREST ROAD
STA 9+96.91 TO STA 13+87.45
SPOKANE COUNTY, WASHINGTON

Sheet Title
STREET PLAN AND PROFILE

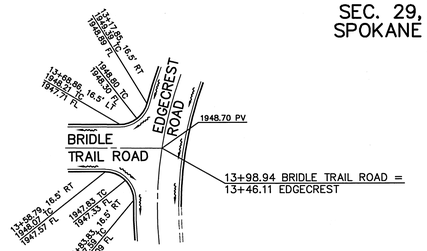
P-1744B Eng Road & Drainage

J:\Land Projects\99394\dwg\EDGECREST.dwg, 02/19/2002 02:53:48 PM, MJP

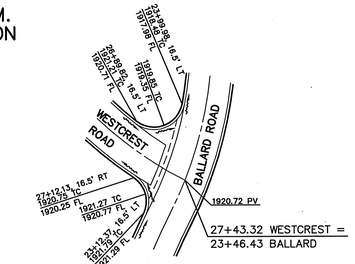
SEC. 29, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON



INTERSECTION DETAIL 1



INTERSECTION DETAIL 2



INTERSECTION DETAIL 3

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

UNDERGROUND SERVICE ALERT
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SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1744B
DATE ACCEPTED: 4/4/2002
ACCEPTANCE EXPIRES: 4/4/2004
PROJECT LANE MILES PUBLIC: 0.70
PROJECT LANE MILES PRIVATE: 0.02
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
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Spokane, WA 99204
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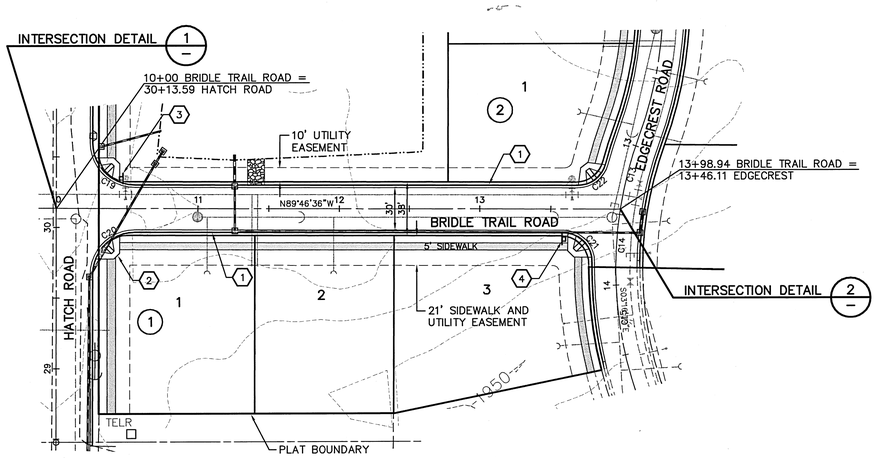
Fax: (509) 458-6844

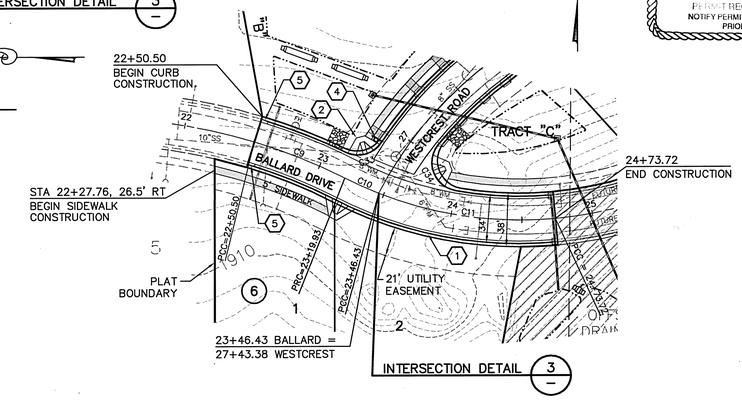
TIMOTHY A. SCHWIN
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/21/03



CONSTRUCTION NOTES:

1. TYPE B CURB PER SPOKANE COUNTY STANDARD DETAIL A-3 (TYP).
2. CURB RAMP PER SPOKANE COUNTY STANDARD DETAIL A-5 (TYP).
3. STREET AND STOP SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
4. STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
5. CURB TRANSITION, SEE DETAIL 1 SHEET 15.

FOR STORM DRAIN RIM ELEV, PIPE LENGTHS AND INVERT ELEVATIONS, SEE STORM DRAIN PLAN AND PROFILE SHEETS



CURVE TABLE					
NUMBER	RADIUS	LENGTH (FT)	TANGENT	CHORD	DELTA
C9	400.00	69.43	34.80	69.34	9°56'42"
C10	275.00	26.50	13.26	26.49	5°31'18"
C11	275.00	127.29	64.81	126.16	26°31'14"
C13	275.00	53.90	27.04	53.82	11°13'51"
C14	275.00	41.35	20.71	41.31	8°36'52"
C15	275.00	68.66	34.51	68.48	14°18'19"
C19	30.00	47.12	30.00	42.43	90°00'00"
C20	30.00	47.12	30.00	42.43	90°00'00"
C21	20.50	32.51	20.81	29.21	90°52'22"
C22	20.50	26.97	15.84	25.07	75°22'47"
C33	20.50	29.33	17.81	26.89	81°58'04"
C34	20.50	42.32	34.31	35.19	118°16'36"

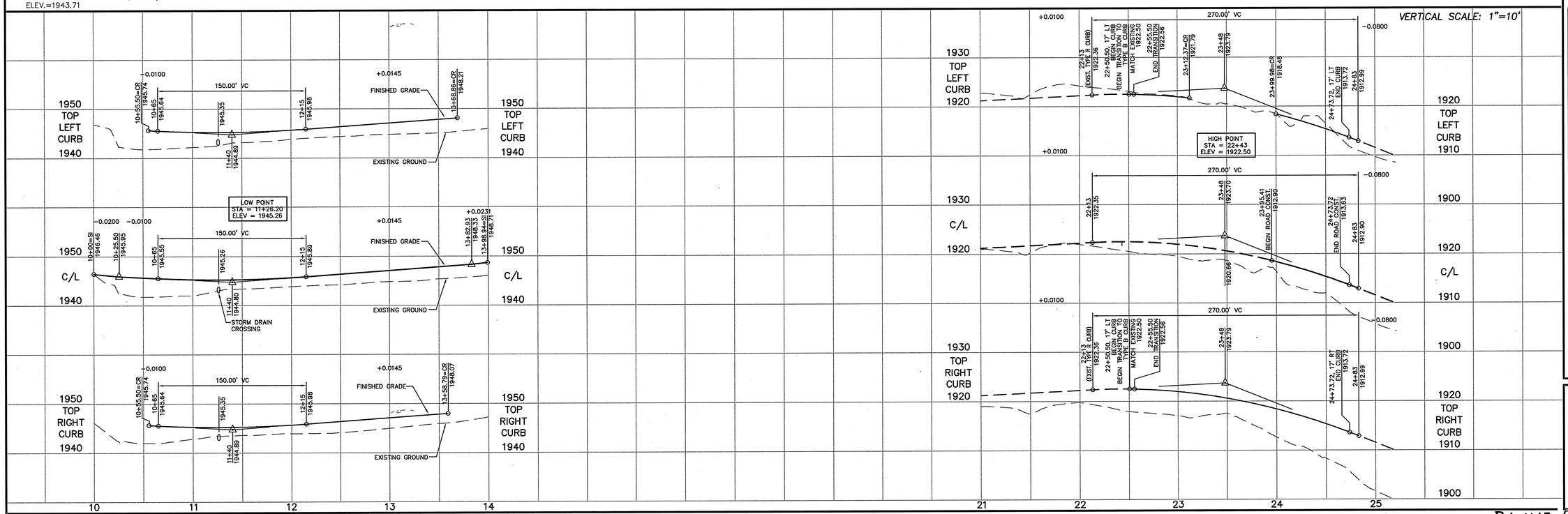
⊕ COUNTY DATUM

RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. 1) ELEV.=1943.71

Gerald R Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

VERTICAL SCALE: 1"=10'



Date	Description

Project Number: S990394
CLC Job Number: 99-394
Drawn By: MJP
Designed By: EMT
Checked By: TAS

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STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
BRIDLE TRAIL ROAD STA 10+00 TO STA 13+98.94
BALLARD DRIVE STA 22+50.50 TO STA 24+83
SPOKANE COUNTY, WASHINGTON

Sheet Title
STREET PLAN AND PROFILE

5 of 15
Sheet Number

P-1744B Eng Road & Drainage

J:\Land Projects\99394\dwg\BRIDLE TRAIL.dwg, 02/20/2002 08:52:05 AM, MJP

SEC. 29, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P 17448
DATE ACCEPTED: 4/4/2002
ACCEPTANCE EXPIRES: 4/4/2004
PROJECT LANE MILES PUBLIC: 0.70
PROJECT LANE MILES PRIVATE: 0.02
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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UNDERGROUND SERVICE ALERT
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GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

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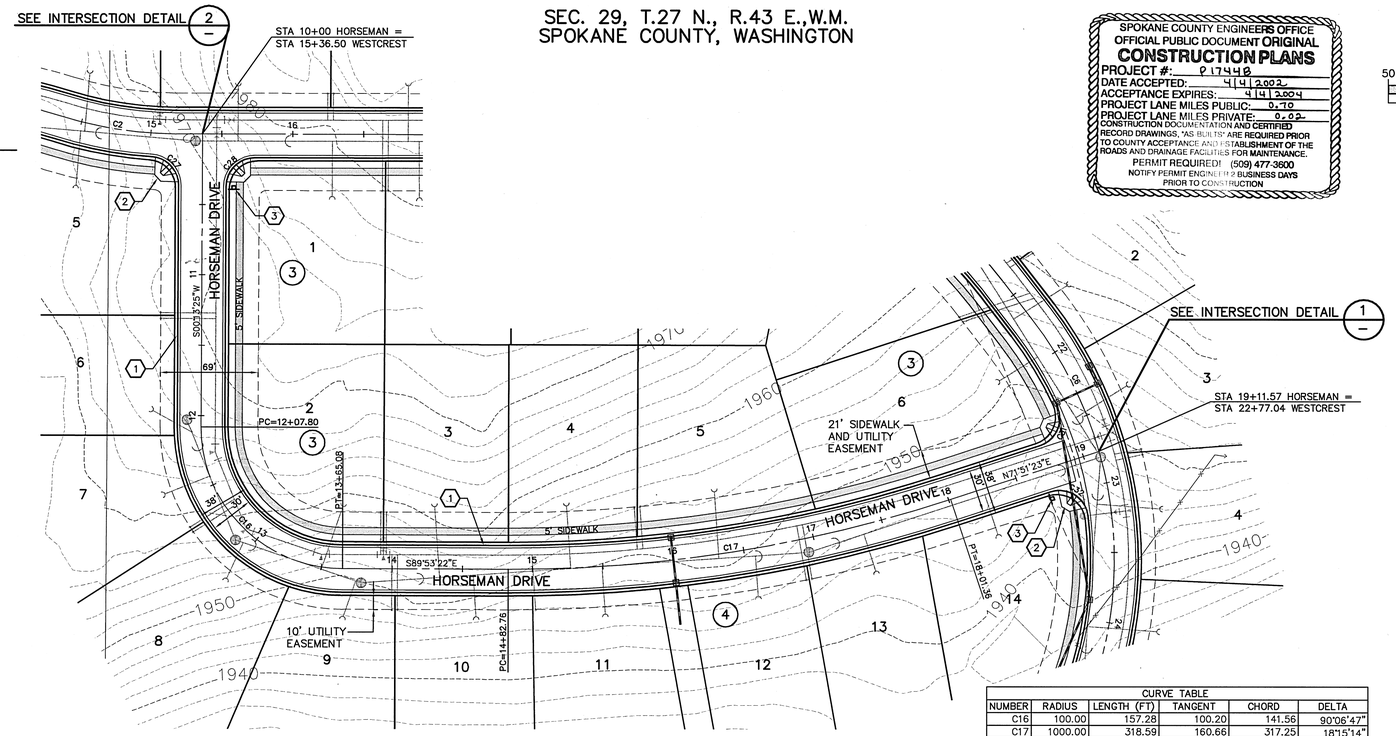
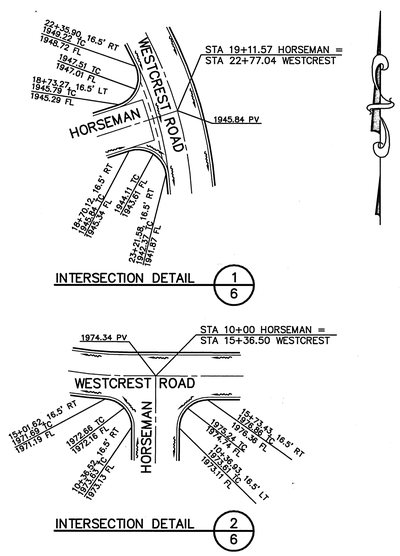
Fax: (509) 458-6844

NATHAN A. SCHWAB
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
2/20/02
EXPIRES 9/21/03

CONSTRUCTION NOTES:

1. TYPE B CURB PER SPOKANE COUNTY STANDARD DETAIL A-3 (TYP).
2. CURB RAMP PER SPOKANE COUNTY STANDARD DETAIL A-5 (TYP).
3. STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.





⊕ COUNTY DATUM

RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. I) ELEV.= 1943.71

FOR STORM DRAIN RIM ELEV, PIPE LENGTHS AND INVERT ELEVATIONS, SEE STORM DRAIN PLAN AND PROFILE SHEETS

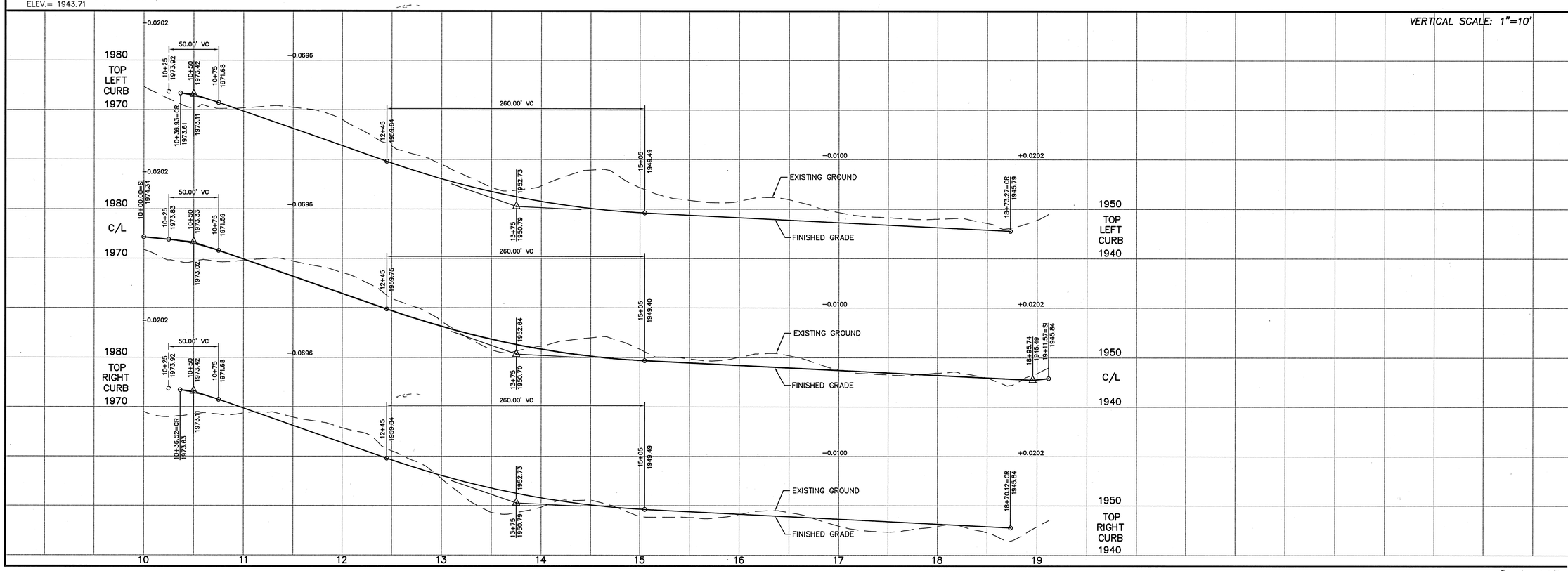
CURVE TABLE

NUMBER	RADIUS	LENGTH (FT)	TANGENT	CHORD	DELTA
C16	100.00	157.28	100.20	141.56	90°06'47"
C17	1000.00	318.59	160.66	317.25	18°15'14"
C27	20.50	31.02	19.35	28.15	86°42'11"
C28	20.50	32.16	20.46	28.96	89°53'13"
C31	20.50	34.47	22.90	30.55	96°19'43"
C32	20.50	36.21	24.96	31.68	101°12'13"

Gerald R Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

VERTICAL SCALE: 1"=10'



Date | Description

Project Number: S990394
CLC Job Number: 99394
Drawn By: MJP
Designed By: EMT
Checked By: TAS

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STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
HORSEMAN DRIVE
STA 10+00 TO STA 19+11.57
SPOKANE COUNTY, WASHINGTON

Sheet Title
STREET PLAN AND PROFILE

6 of 15
Sheet Number

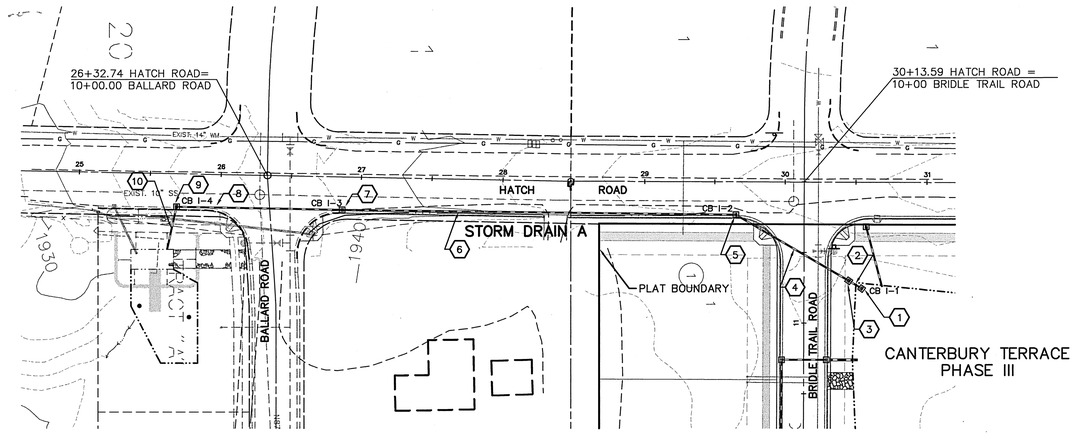
J:\Land Projects\99394\dwg\HORSEMAN.dwg, 02/19/2002 03:47:48 PM, MJP

P-17448 Eng Road & Drainage

SEC. 20 & 29, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON

CONSTRUCTION NOTES

1. STA 30+54, 75' RT. (HATCH), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12. GRATE ELEV=1942.20. SEE POND DETAIL SHEET 12 FOR ORIFICE DETAILS.
2. 10 L.F., 12" PVC STORM DRAIN PIPE @ S=0.0200. IE(NE)=1940.20, IE(SW)=1940.00.
3. STA 30+45, 70' RT. (HATCH), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12. GRATE ELEV=1943.20.
4. 92 L.F., 12" PVC STORM DRAIN PIPE @ S=0.0189. IE(NE)=1939.90, IE(SW)=1938.16.
5. STA 29+65, RT. (HATCH), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. GRATE ELEV=1945.42.
6. 278 L.F., 12" PVC STORM DRAIN PIPE @ S=0.0095. IE(N)=1938.07, IE(S)=1935.43.
7. STA 26+87, RT. (HATCH), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. GRATE ELEV=1937.93.
8. 118 L.F., 12" PVC STORM DRAIN PIPE @ S=0.0321. IE(N)=1935.13, IE(S)=1931.34.
9. STA 25+69, RT. (HATCH), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. GRATE ELEV=1933.74.
10. 30 L.F., 12" PVC STORM DRAIN PIPE @ S=0.1013. IE(W)=1931.04, IE(E)=1928.00.



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

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

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1744B
DATE ACCEPTED: 4/4/2002
ACCEPTANCE EXPIRES: 4/4/2004
PROJECT LANE MILES PUBLIC: 0.10
PROJECT LANE MILES PRIVATE: 0.02
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

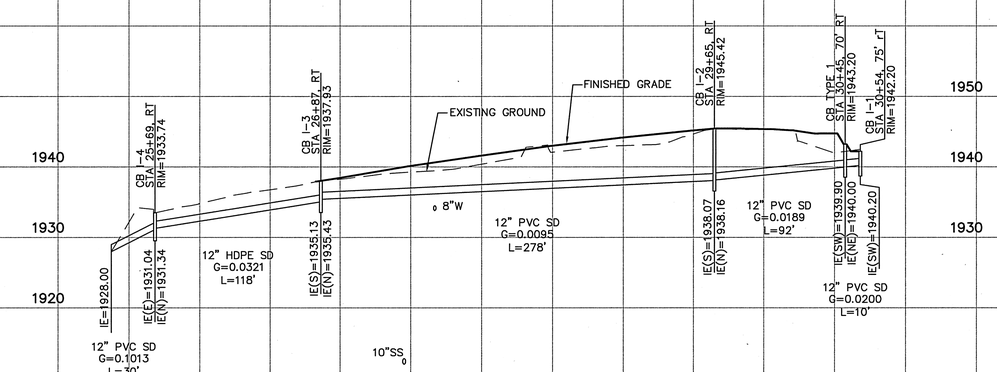
Gerald R Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

COUNTY DATUM

RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. I) ELEV.=1943.71

VERTICAL SCALE: 1"=10'



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Fax: (509) 458-6844

TIMOTHY A. SCHM... STATE OF WASHINGTON 22916 REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/21/03

Date	Description

Project Number: S990394
CLC Job Number: 99-394
Drawn By: MJP
Designed By: EMT
Checked By: TAS

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STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
STORM DRAIN
SPOKANE COUNTY, WASHINGTON

Sheet Title
STORM DRAIN PLAN AND PROFILE

P-1744B Eng Road & Drainage

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SEC. 20 & 29, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1744B
DATE ACCEPTED: 4/4/2002
ACCEPTANCE EXPIRES: 4/4/2004
PROJECT LANE MILES PUBLIC: 0.70
PROJECT LANE MILES PRIVATE: 0.02
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GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

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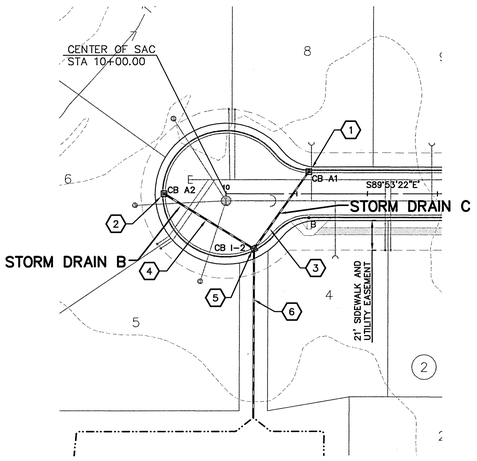
TIMOTHY A. SCHWAB
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
2/20/02
EXPIRES 9/21/03

CANTERBURY TERRACE PHASE III

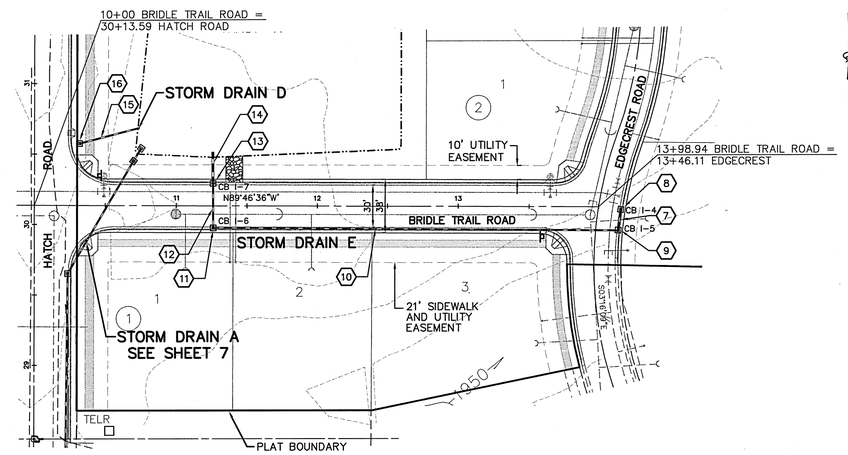


CONSTRUCTION NOTES

1. STA 10+58.45, LT. (WESTCREST), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. GRATE ELEV=1946.67.
2. STA 11+37.71 (CUL-DE-SAC), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. GRATE ELEV=1945.54
3. 66 L.F., 12" HDPE STORM DRAIN PIPE @ S=0.0124. IE(NE)=1944.60, IE(SW)=1943.78.
4. 73 L.F., 12" HDPE STORM DRAIN PIPE @ S=0.0052. IE(NW)=1943.47, IE(SE)=1943.09.
5. STA 12+29.15 (CUL-DE-SAC), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. GRATE ELEV=1946.21.
6. 60 L.F., 15" PVC STORM DRAIN PIPE @ S=0.0050. IE(N)=1942.50, IE(S)=1942.20.

CONSTRUCTION NOTES

7. 15 L.F., 10" HDPE STORM DRAIN PIPE @ S=0.0260. IE(N)=1946.22, IE(S)=1945.83.
8. STA 13+45.54, LT. (EDGECREST), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. GRATE ELEV=1948.30.
9. STA 13+61.34, LT. (EDGECREST), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. GRATE ELEV=1947.86.
10. 287 L.F., 12" HDPE STORM DRAIN PIPE @ S=0.0089. IE(E)=1945.33, IE(W)=1942.77.
11. STA 11+26, RT. (BRIDLE TRAIL), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. GRATE ELEV=1944.84.
12. 32 L.F., 12" HDPE STORM DRAIN PIPE @ S=0.0072. IE(S)=1942.61, IE(N)=1942.38.
13. STA 11+26, LT. (BRIDLE TRAIL), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. GRATE ELEV=1944.84.
14. 18 L.F., 15" PVC STORM DRAIN PIPE @ S=0.0100. IE(S)=1942.38, IE(N)=1942.20.
15. 42 L.F., 12" PVC STORM DRAIN PIPE @ S=0.0476. IE(W)=1944.20, IE(E)=1942.20.
16. STA 30+55, 31.6' RT. (HATCH), TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12. GRATE ELEV=1946.70.



COUNTY DATUM

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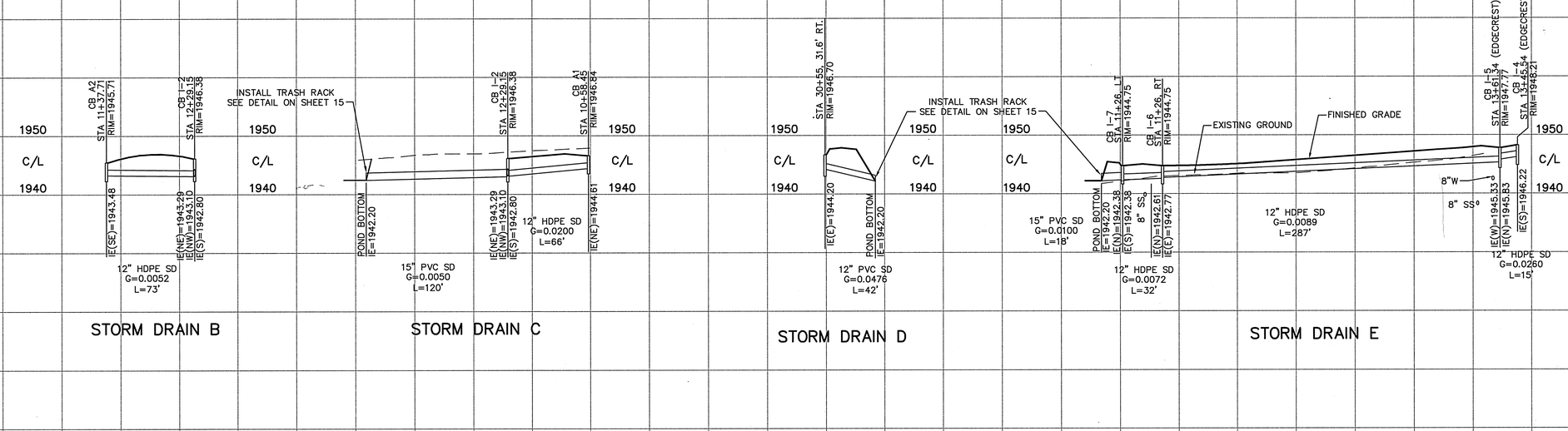
Gerald R. Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

VERTICAL SCALE: 1"=10'



Project Number:	S990394
CLC Job Number:	99-394
Drawn By:	MJP
Designed By:	EMT
Checked By:	TAS

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Date	Description

STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
STORM DRAIN
SPOKANE COUNTY, WASHINGTON

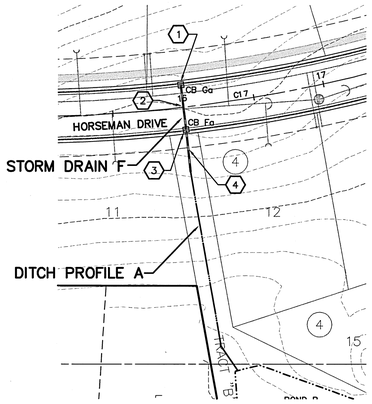
Sheet Title
STORM DRAIN PLAN AND PROFILE

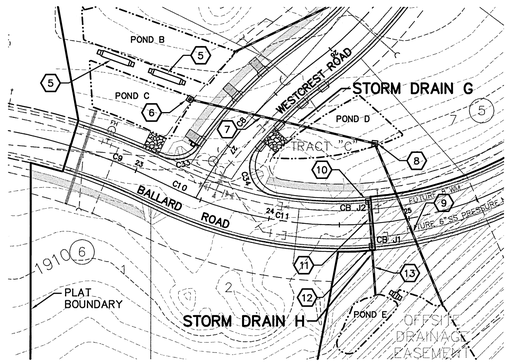
8 of 15
Sheet Number

P-1744B Eng Road + Drainage

J:\Land Projects\99394\dwg\SD_WEST.dwg, 02/20/2002 08:53:46 AM, MJP

SEC. 20 & 29, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON





SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
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PROJECT #: P1744B
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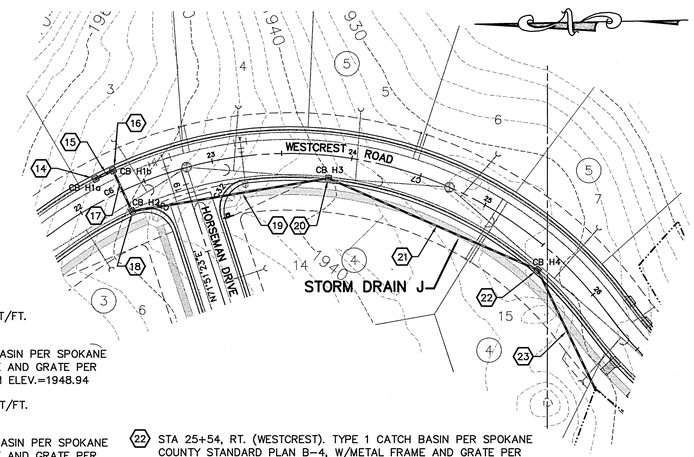
TIMOTHY A. SCHWA
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
4/20
EXPIRES 9/21/03



CONSTRUCTION NOTES

1. STA 16+00, LT. (HORSEMAN). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. RIM ELEV=1948.03.
2. 32 L.F. OF 10" PVC STORM PIPE @ S=0.0141 FT/FT. IE(S)=1945.41, IE(S)=1944.96
3. STA 16+00, RT. (HORSEMAN). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. RIM ELEV=1948.03.
4. 30 L.F. OF 10" PVC STORM PIPE @ S=0.0587 FT/FT. IE(S)=1944.76, IE(S)=1943.00
5. OVERFLOW BERM. SEE POND DETAIL, SHEET 12.
6. STA 26+91, 42' RT. (WESTCREST). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12. RIM ELEV=1919.83.
7. 132 L.F. OF 18" PVC STORM PIPE @ S=0.0100 FT/FT. IE(W)=1917.33, IE(E)=1916.00
8. STA 26+15, 72' LT. (WESTCREST). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12. RIM ELEV.=1919.50.
9. 124 L.F. OF 18" PVC STORM PIPE @ S=0.1984 FT/FT. IE(S)=1912.60, IE(N)=1888.00
10. STA 24+72, LT. (BALLARD). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. RIM ELEV.=1913.34
11. 30 L.F. OF 10" PVC STORM PIPE @ S=0.0450 FT/FT. IE(S)=1910.77, IE(N)=1909.42
12. STA 24+72, RT. (BALLARD). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. RIM ELEV.=1913.34
13. 35 L.F. OF 12" PVC STORM PIPE @ S=0.1971 FT/FT. IE(N)=1906.90, IE(S)=1900.00
14. STA 22+20, LT. (WESTCREST). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. RIM ELEV.=1949.98
15. 13 L.F. OF 10" PVC STORM PIPE @ S=0.0808 FT/FT. IE(S)=1947.41, IE(N)=1946.36
16. STA 22+33, LT. (WESTCREST). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. RIM ELEV.=1948.94
17. 30 L.F. OF 10" PVC STORM PIPE @ S=0.0267 FT/FT. IE(E)=1946.26, IE(W)=1945.46
18. STA 22+33, RT. (WESTCREST). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. RIM ELEV.=1948.94
19. 140 L.F. OF 12" PVC STORM PIPE @ S=0.0756 FT/FT. IE(N)=1945.36, IE(S)=1934.77
20. STA 23+85, RT. (WESTCREST). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. RIM ELEV.=1937.34
21. 162 L.F. OF 12" PVC STORM PIPE @ S=0.0680 FT/FT. IE(N)=1934.67, IE(S)=1923.65
22. STA 25+54, RT. (WESTCREST). TYPE 1 CATCH BASIN PER SPOKANE COUNTY STANDARD PLAN B-4, W/METAL FRAME AND GRATE PER PLAN B-12 WITH 0.1' GUTTER DEPRESSION. RIM ELEV.=1926.53
23. 94 L.F. OF 12" PVC STORM PIPE @ S=0.0324 FT/FT. IE(N)=1923.55, IE(S)=1920.50

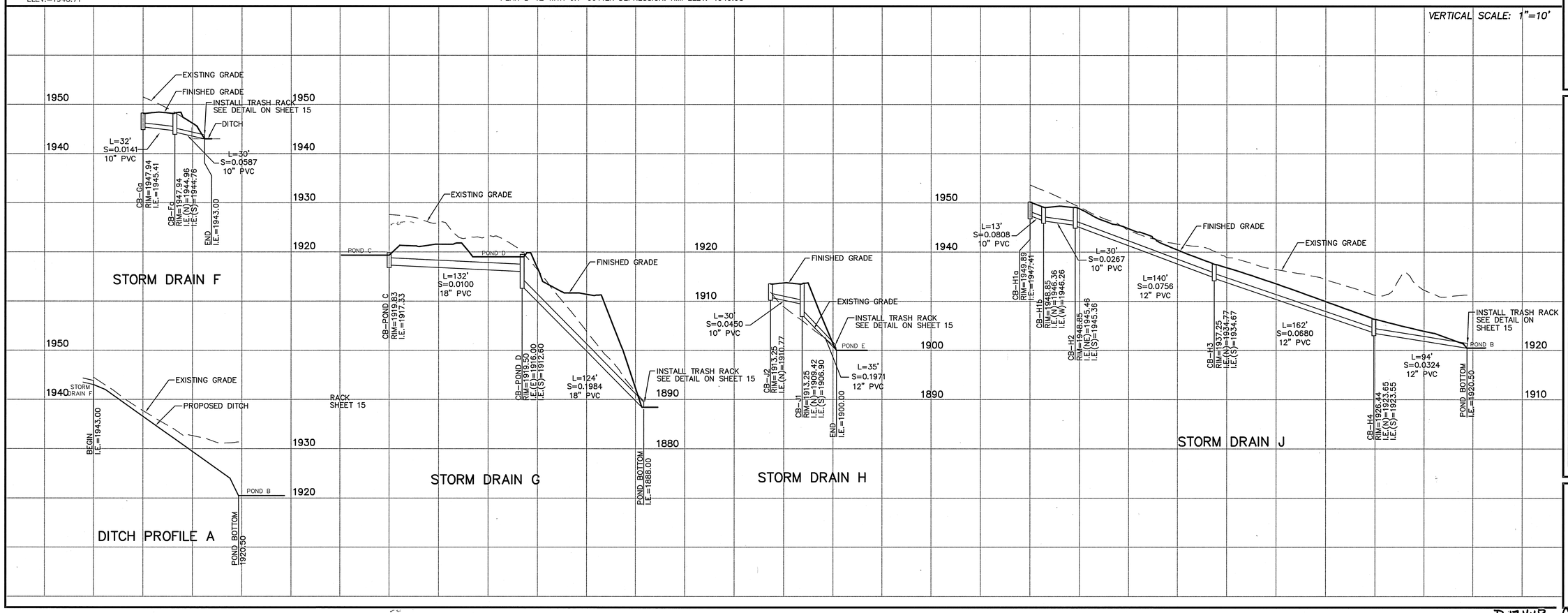
COUNTY DATUM

RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. I) ELEV.=1943.71

Gerald R. Carter
DEVELOPER'S APPROVAL

2/20/02
DATE

VERTICAL SCALE: 1"=10'



Date	Description

Project Number: S990394
CLC Job Number: 99-394
Drawn By: MJP
Designed By: EMT
Checked By: TAS

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STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
STORM DRAIN
SPOKANE COUNTY, WASHINGTON

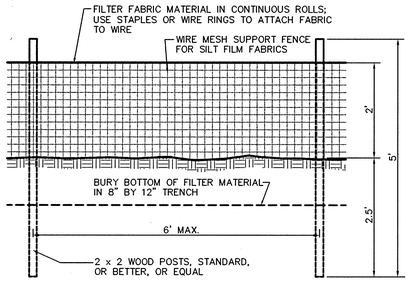
Sheet Title
STORM DRAIN PLAN AND PROFILE

P-1744B Eng Road & Drainage

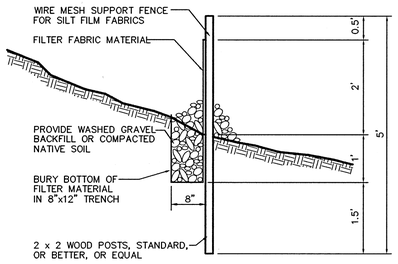
J:\Land Projects\99394\dwg\SD_EAST.dwg, 02/19/2002 03:53:09 PM, MJP

SECTION 20 & 29, T.27 N., R43 E., W.M.
SPOKANE COUNTY, WASHINGTON

CANTERBURY TERRACE
PHASE III



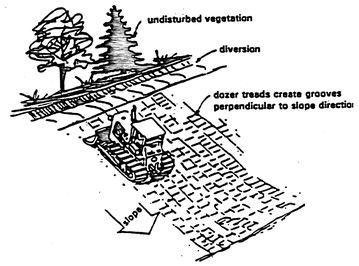
ELEVATION



SECTION

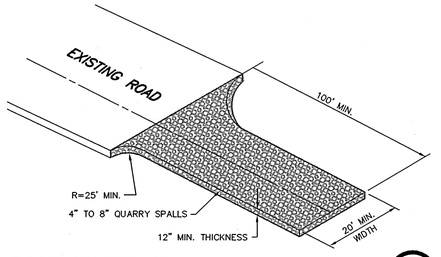
SILT FENCE DETAIL (1)

NOT TO SCALE



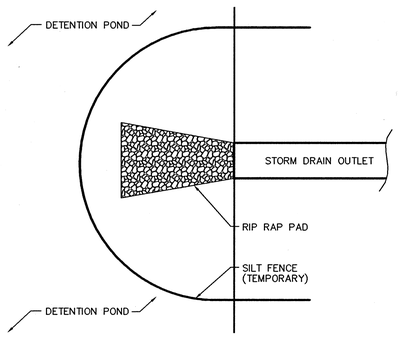
SURFACE ROUGHENING (3)

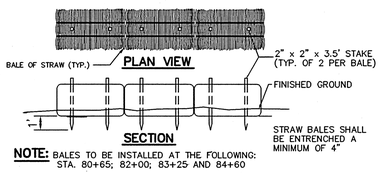
NOT TO SCALE



ROCK CONSTRUCTION ENTRY (2)

NOT TO SCALE

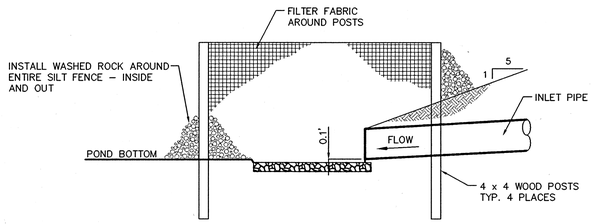




NOTE: BALES TO BE INSTALLED AT THE FOLLOWING: STA. 80+65; 82+00; 83+25 AND 84+60

STRAW BALE DETAIL (4)

NOT TO SCALE



NOTE: ALL ITEMS FOR SEDIMENT TRAP ARE TEMPORARY AND ARE TO BE REMOVED WHEN GRASS IS ESTABLISHED.

SEDIMENT TRAP DETAIL (5)

NOT TO SCALE

COUNTY DATUM

RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. I) ELEV.=1943.71

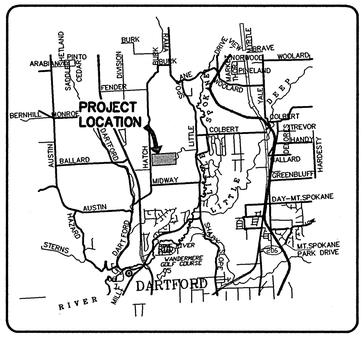
EROSION & SEDIMENT CONTROL

GENERAL NOTES AND INFORMATION

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 ESC 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, CULVERTS, OR GRAVEL GALLERIES.
4. GEOTEXTILE FABRIC IS TO BE PLACED ON THE RIMS 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. 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 ENTRIES 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 TO BE LOCATED NEAR OR DRAINING INTO A STORM DRAINAGE AREA.
8. PROPERTY OWNER: CANTERBURY TERRACE LLC.
9. PROJECT LOCATION: IN NORTH SPOKANE, EAST OF THE INTERSECTION OF BALLARD RD. AND HATCH RD., IN THE S 1/2 OF THE S 1/2 OF THE SE 1/4 OF SECTION 20 AND THE N 1/2 OF THE N 1/2 OF THE NE 1/4 OF SECTION 29, ALL IN TOWNSHIP 27 N., RANGE 43 E.W.M.
10. PROJECT DESCRIPTION: CANTERBURY TERRACE – PHASE II IS A RESIDENTIAL DEVELOPMENT OF 10 LOTS AND APPROXIMATELY 460 LINEAR FEET OF NEW STREET, CURB AND SIDEWALK, AND A 50' RADIUS TEMPORARY TURN–AROUND.
11. DESCRIPTION OF ESC MEASURES: USE OF SILT FENCES, AND A ROCK CONSTRUCTION ENTRANCE. ALL ESC MEASURES MENTIONED ABOVE ARE TEMPORARY AND WILL BE REMOVED AFTER YARDS ARE LANDSCAPED.
12. EXISTING VEGETATION: SPARSE DENSITY OF PINE TREES AND BUNCH GRASS UNDERSTORY COVER.
13. PLAN PREPARATION DATE: 8–15–01
14. SOILS: ON SITE SOILS INCLUDE HAGEN LOAMY FINE SAND, BONNER MEDIUM TEXTURED SANDY LOAM AND HESSELTINE VERY ROCKY COMPLEX.
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 UNVEGETATED SLOPES STEEPER THAN 3:1 AND GREATER THAN 5 VERTICAL FEET SHALL BE MECHANICALLY SCARIFIED AS SHOWN ON SURFACE ROUGHENING DETAIL 3, THIS SHEET.

MAINTENANCE

1. SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RUNOFF–PRODUCING RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
2. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF FILTER FABRIC SHALL BE ACCOMPLISHED PROMPTLY.
3. 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.
4. 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.
5. ALL TEMPORARY AND PERMANENT ESC PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
6. ALL TEMPORARY ESC MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMP'S ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.
7. 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 AT CANTERBURY TERRACE PHASE III. 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.
8. ON–SITE DUST CONTROL SHALL BE ACCOMPLISHED BY USING WATER. APPLICATIONS OF WATER MAY BE REQUIRED SEVERAL TIMES PER DAY DURING CONSTRUCTION ACTIVITY.



VICINITY MAP

Gerald R. Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

P-1744B

Eng Road & Drainage

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

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1744B
DATE ACCEPTED: 4/4/2002
ACCEPTANCE EXPIRES: 4/4/2004
PROJECT LANE MILES PUBLIC: 0.70
PROJECT LANE MILES PRIVATE: 0.02
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

STATE OF WASHINGTON
TIMOTHY A. SCHULTZ
22916
REGISTERED PROFESSIONAL ENGINEER
2/20/02
EXPIRES 9/21/03

Date	Description

Project Number: S990394
CLC Job Number:
Drawn By: EMT
Designed By: TAS
Checked By: TAS

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EROSION & SEDIMENT CONTROL PLAN
CANTERBURY TERRACE - PHASE III
EROSION PLAN AND DETAILS
SPOKANE COUNTY, WASHINGTON

Sheet Title
EROSION NOTES AND DETAILS

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SECTION 20 & 29, T.27 N., R43 E., W.M.
SPOKANE COUNTY, WASHINGTON

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1744B
DATE ACCEPTED: 4/4/2002
ACCEPTANCE EXPIRES: 4/4/2004
PROJECT LANE MILES PUBLIC: 0.70
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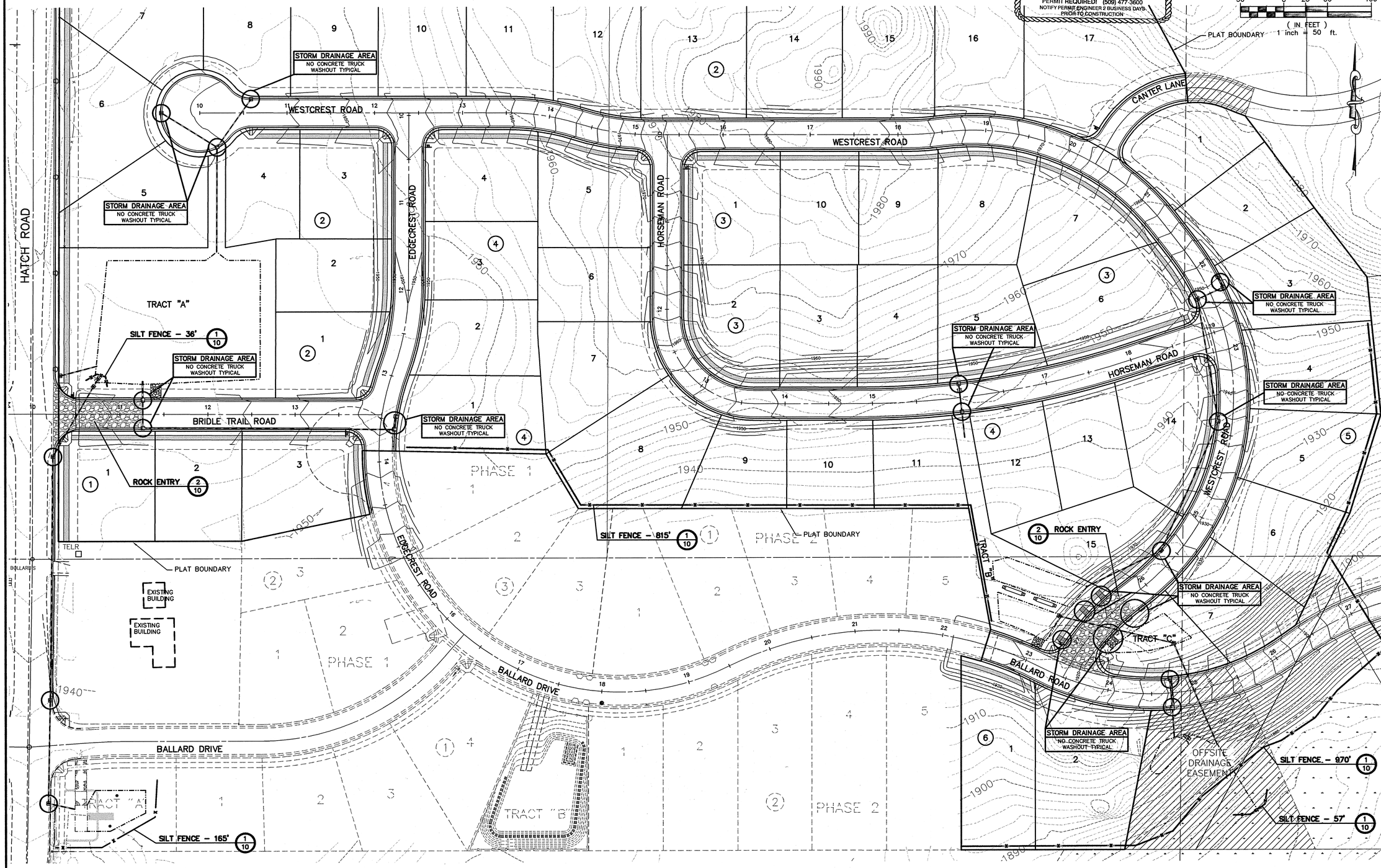
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

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



Gerald R Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

P-1744B Eng Road & Drainage

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

TIMOTHY A. SCHMIDT
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/21/03

Date	Description

Project Number: S990394
CLC Job Number:
Drawn By: EMT
Designed By: TAS
Checked By: TAS

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EROSION & SEDIMENT CONTROL PLAN
CANTERBURY TERRACE - PHASE III
EROSION PLAN AND DETAILS
SPOKANE COUNTY, WASHINGTON

Sheet Title
EROSION PLAN AND DETAILS

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SECTION 29, T.27 N., R43 E., W.M.
SPOKANE COUNTY, WASHINGTON

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 717448
DATE ACCEPTED: 4/4/2002
ACCEPTANCE EXPIRES: 4/4/2004
PROJECT LANE MILES PUBLIC: 0.70
PROJECT LANE MILES PRIVATE: 0.02
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

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.

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

CLC Associates, Inc.
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Land Surveying
707 W. 7th Avenue, Suite 200
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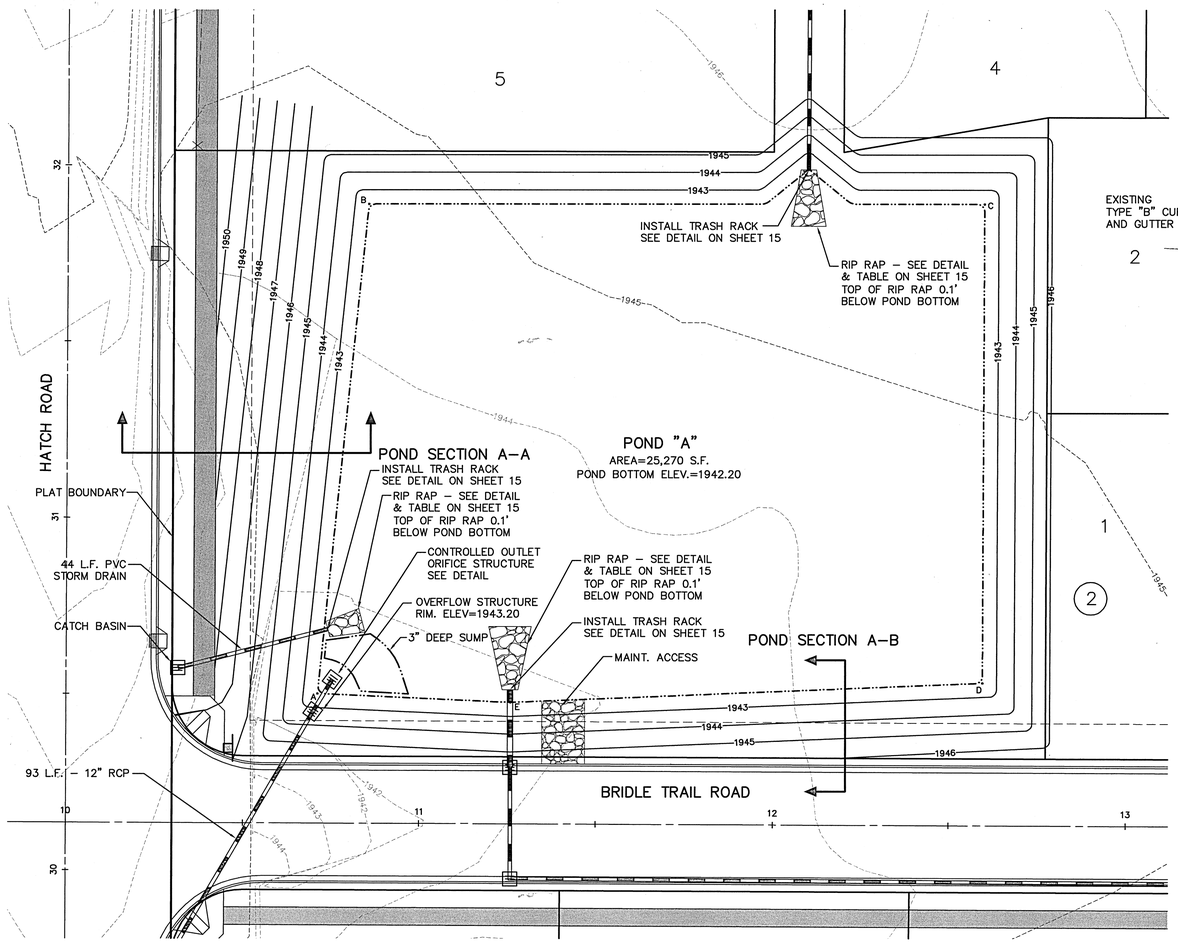
TIMOTHY A. SCHOLTZ
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/21/03



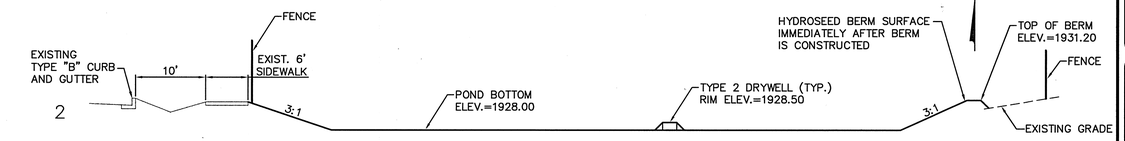
POND "A" DETAIL

SCALE: 1"=20'

POND BOTTOM LOCATION TABLE
(BRIDLE TRAIL ROAD STATION & OFFSET)

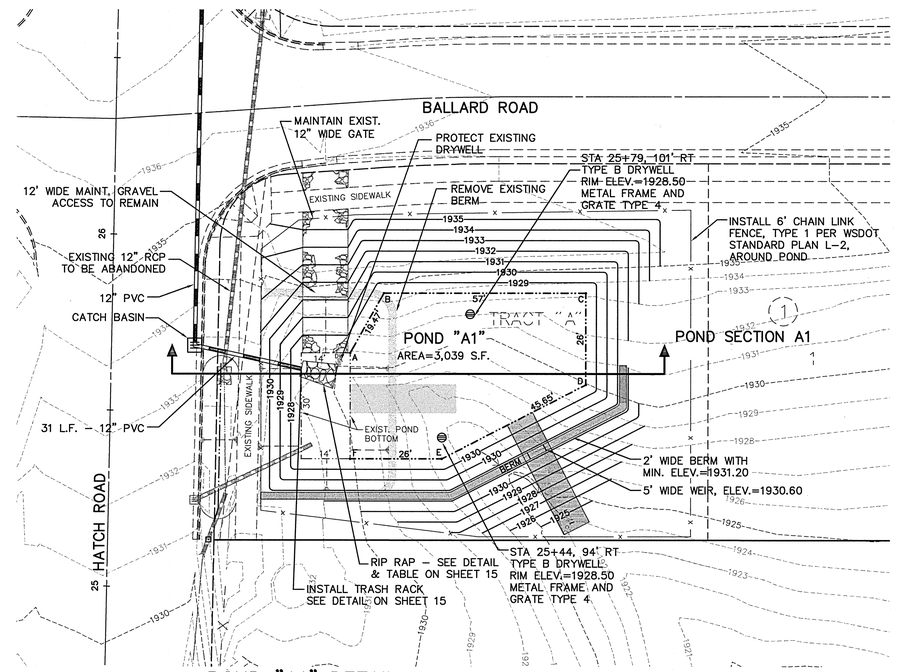
POINT	STATION	OFFSET
A	10+71.00	38.70' LT
B	10+85.00	175.74' LT
C	12+59.50	176.42' LT
D	12+59.52	40.42' LT
E	11+25.88	34.38' LT

POND "A"
POND BTM EL=1942.20
POND VOLUME PROVIDED AT 1.0' DEEP = 26,972 C.F.



POND A1 CROSS SECTION

NOT TO SCALE



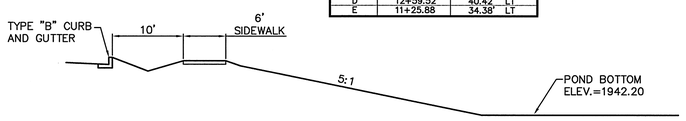
POND "A1" DETAIL

SCALE: 1"=20'

POND BOTTOM LOCATION TABLE
(HATCH ROAD STATION & OFFSET)

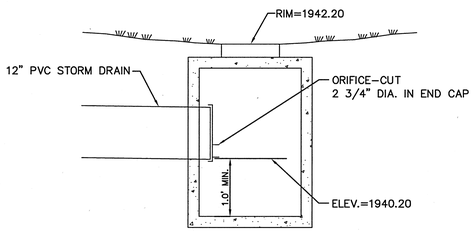
POINT	STATION	OFFSET
A	25+67.51	67.73' RT
B	25+84.65	76.86' RT
C	25+85.73	133.95' RT
D	25+59.74	134.45' RT
E	25+38.01	94.29' RT
F	25+37.52	68.30' RT

POND "A1"
POND BTM EL=1928.00
POND VOLUME PROVIDED AT 2.6' DEEP = 10,480 C.F.
MIN. BERM ELEV.=1931.20

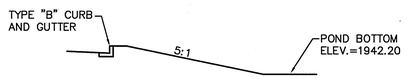


POND A CROSS SECTION–A

NOT TO SCALE



CONTROLLED OUTLET ORFICE DETAIL



POND A CROSS SECTION–B

NOT TO SCALE

HYDROSEEDING INFORMATION

DRYLAND GRASS MIX SHALL BE AS FOLLOWS:

SEED MIX:

HARD FESCUE	35%
SHEEP FESCUE	35%
CANADA BLUEGRASS	10%
ANNUAL RYE	20%

FERTILIZER:
THE CONTRACTOR SHALL APPLY A COMMERCIALLY PREPARED FERTILIZER WITH THE ANALYSIS OF 16–20–0–14 CLEARLY MARKED ON THE BAGS. THE APPLICATION RATE SHALL BE 250 LBS. PER ACRE

MULCH:
MULCH SHALL BE VIRGIN WOOD CELLULOSE FIBER SPECIALLY PROCESSED AS A HYDROSEEDING MULCH AND CONTAINING NO GROWTH OR GERMINATION INHIBITING FACTORS. MULCH SHALL BE APPLIED AT THE RATE OF 2,000 LBS. PER ACRE.

TACKIFIER:
TACKIFIER SHALL B J–TAC OR APPROVED EQUAL APPLIED AT THE RATE OF 40 LBS. PER ACRE ON ALL SLOPES 3:1 OR STEEPER.

NOTE: CONTRACTOR TO INSTALL AND OPERATE A TEMPORARY IRRIGATION SYSTEM AS NEEDED, UNTIL THE DRYLAND GRASS IS ESTABLISHED.

COUNTY DATUM

RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. I)
ELEV.= 1943.71

Gerald R. Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

Date	Description

Project Number:	S990394
CLC Job Number:	99-394
Drawn By:	MJP
Designed By:	TAS
Checked By:	TAS

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STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
POND DETAILS
SPOKANE COUNTY, WASHINGTON

Sheet Title
POND DETAILS

J:\Land Projects\99394\dwg\POND\DET.dwg, 02/19/2002 03:05:19 PM, MJP

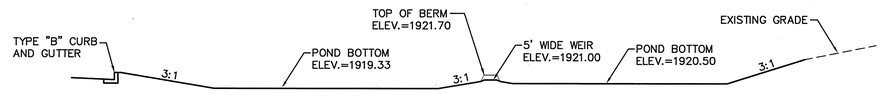
P-1744B Eng Roads & Drainage

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

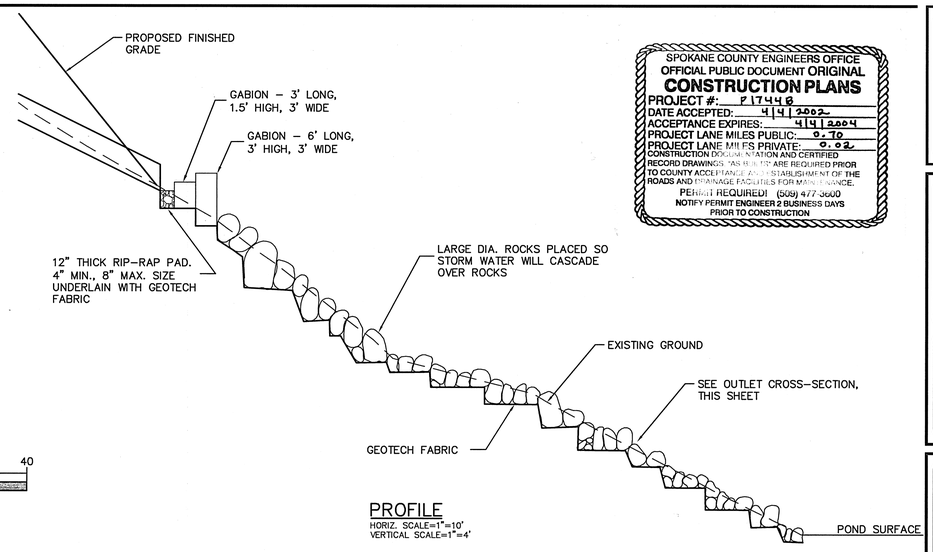
SECTION 29, T.27 N., R43 E., W.M.
SPOKANE COUNTY, WASHINGTON

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P17448
DATE ACCEPTED: 4/4/2002
ACCEPTANCE EXPIRES: 4/4/2004
PROJECT LANE MILES PUBLIC: 0.70
PROJECT LANE MILES PRIVATE: 0.02
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

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

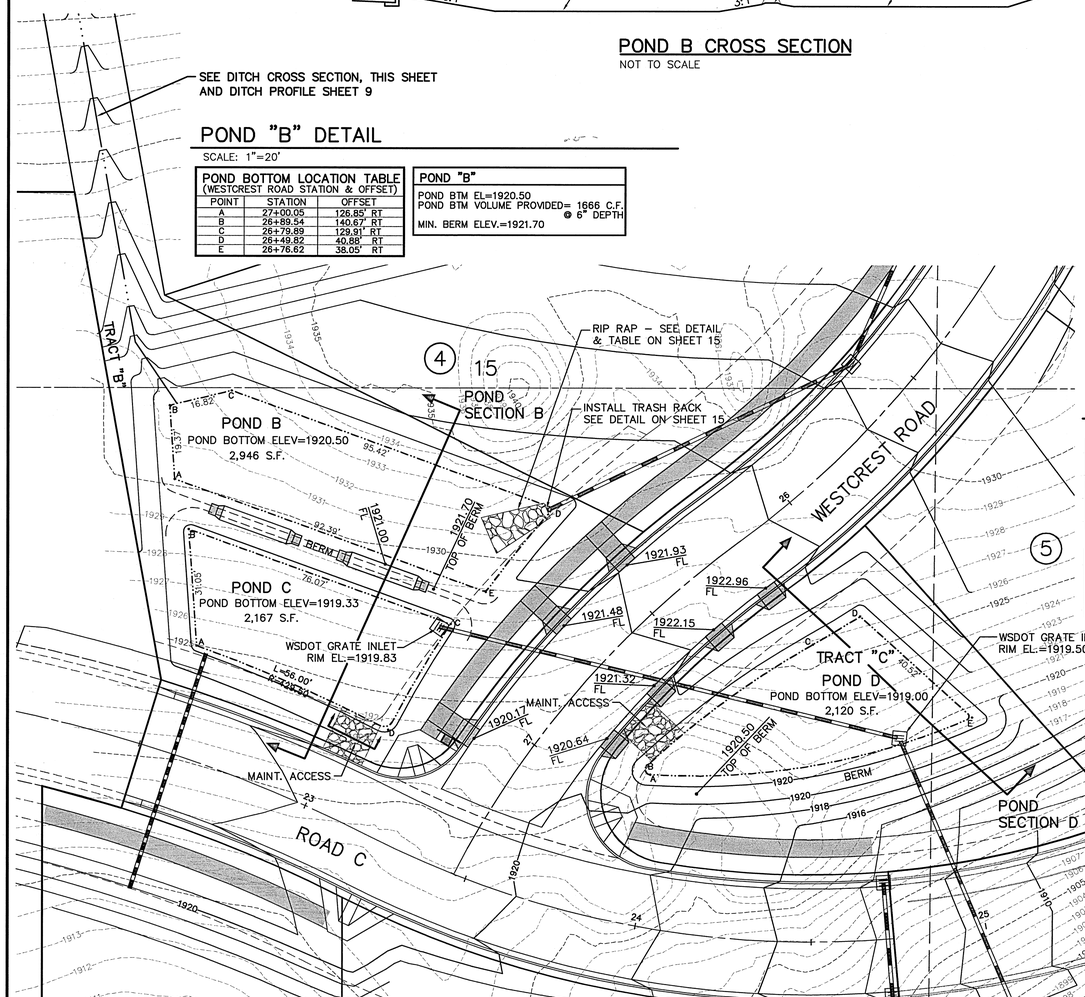


POND B CROSS SECTION
NOT TO SCALE



PROFILE
HORIZ. SCALE=1"=10'
VERTICAL SCALE=1"=4'

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.



POND "B" DETAIL
SCALE: 1"=20'

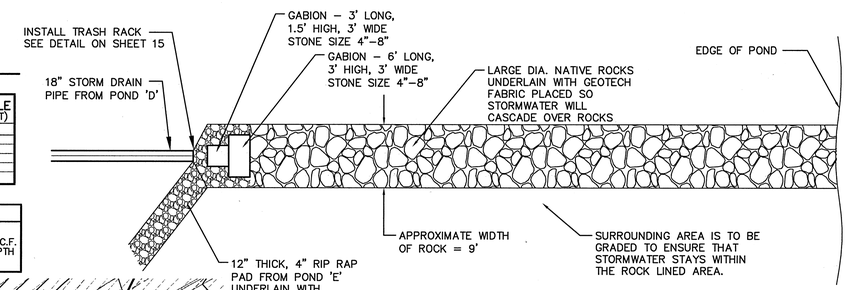
POND BOTTOM LOCATION TABLE (WESTCREST ROAD STATION & OFFSET)		
POINT	STATION	OFFSET
A	27+00.05	126.85' RT
B	26+89.54	140.67' RT
C	26+79.89	129.91' RT
D	26+49.82	40.88' RT
E	26+76.62	38.05' RT

POND "B"
POND BTM EL=1920.50
POND BTM VOLUME PROVIDED= 1666 C.F. @ 6" DEPTH
MIN. BERM ELEV.=1921.70

POND "D" DETAIL
SCALE: 1"=20'

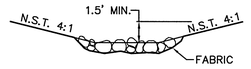
POND BOTTOM LOCATION TABLE (WESTCREST ROAD STATION & OFFSET)		
POINT	STATION	OFFSET
A	26+85.71	31.00' LT
B	26+84.13	28.62' LT
C	26+18.78	35.91' LT
D	26+04.68	37.78' LT
E	25+99.43	80.12' LT

POND "D"
POND BTM EL=1919.00
POND BTM VOLUME PROVIDED= 1045 C.F. @ 6" DEPTH
MIN. BERM ELEV.=1920.50

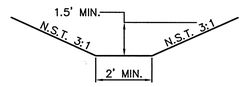


PLAN
SCALE=1"=10'

OUTFALL DETAIL
SCALE=1"=10'



OUTLET CROSS SECTION
NOT TO SCALE



DITCH CROSS SECTION
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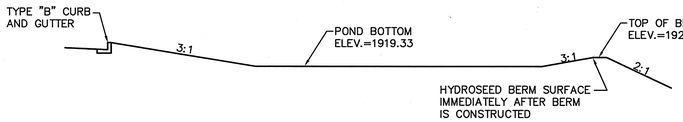
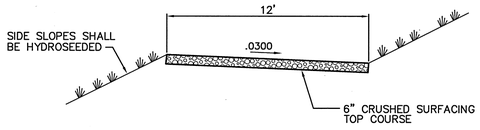


POND D CROSS SECTION
NOT TO SCALE

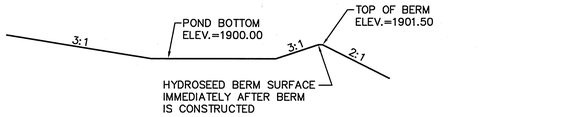
POND "C" DETAIL
SCALE: 1"=20'

POND BOTTOM LOCATION TABLE (WESTCREST ROAD STATION & OFFSET)		
POINT	STATION	OFFSET
A	27+25.62	95.25' RT
B	27+06.44	115.30' RT
C	26+88.39	39.84' RT
D	27+18.86	36.76' RT

POND "C"
POND BTM EL=1919.33
POND BTM VOLUME PROVIDED= 1235 C.F. @ 6" DEPTH
MIN. BERM ELEV.=1920.03



TYPICAL MAINT. ACCESS CROSS SECTION



POND E CROSS SECTION
NOT TO SCALE

POND "E" DETAIL
SCALE: 1"=20'

POND "E"
POND BTM EL=1900.00
POND BTM VOLUME PROVIDED= 480 C.F. @ 6" DEPTH
MIN. BERM ELEV.=1901.20

COUNTY DATUM
RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. I)
ELEV.= 1943.71

Gerald R. Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

P-17448 Eng Road & Drainage

Date	Description

Project Number: S990394
CLC Job Number: 99-394
Drawn By: MJP
Designed By: TAS
Checked By: TAS

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STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
POND DETAILS
SPOKANE COUNTY, WASHINGTON

Sheet Title
POND DETAILS

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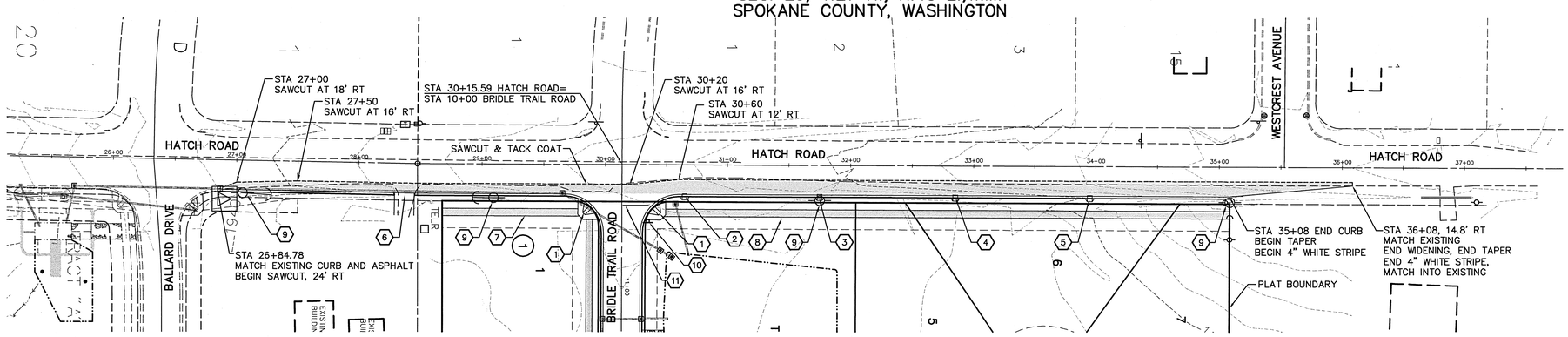
SEC. 29, T.27 N., R.43 E.,W.M.
SPOKANE COUNTY, WASHINGTON



CONSTRUCTION NOTES:

1. CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN A.
2. STA 30+65 RT., TYPE I CURB INLET PER SPOKANE COUNTY STD. PLAN B-8. TOP OF CURB ELEV=1947.87, CURB DROP ELEV.=1947.20
3. STA 31+75 RT., TYPE I CURB INLET PER SPOKANE COUNTY STD. PLAN B-8. TOP OF CURB ELEV=1949.99, CURB DROP ELEV.=1949.32
4. STA 32+85 RT., TYPE I CURB INLET PER SPOKANE COUNTY STD. PLAN B-8. TOP OF CURB ELEV=1952.11, CURB DROP ELEV.=1951.44
5. STA 33+95 RT., TYPE I CURB INLET PER SPOKANE COUNTY STD. PLAN B-8. TOP OF CURB ELEV=1952.26, CURB DROP ELEV.=1953.59
6. RESIDENTIAL DRIVEWAY ACCESS PER SPOKANE COUNTY STD. PLAN A-4.
7. STA 26+70 TO STA 29+80, 6' SIDEWALK.
8. STA 30+50 TO STA 35+08, 6' SIDEWALK.
9. EXISTING POWER POLE TO BE RELOCATED BY POWER COMPANY.
10. STREET AND STOP SIGN PER SPOKANE COUNTY STD. PLAN A-16.
11. 12" STOP BAR.

COUNTY DATUM

RR SPIKE FND. IN W. FACE OF P.P. 28' E. OF C/L OF HATCH RD. 61' N. OF S. LINE OF SECTION 20 (PER WESTWOOD ESTATES NO. 2, PH. 1) ELEV.=1943.71

FOR STORM DRAIN RIM ELEV, PIPE LENGTHS AND INVERT ELEVATIONS, SEE STORM DRAIN PLAN AND PROFILE SHEETS

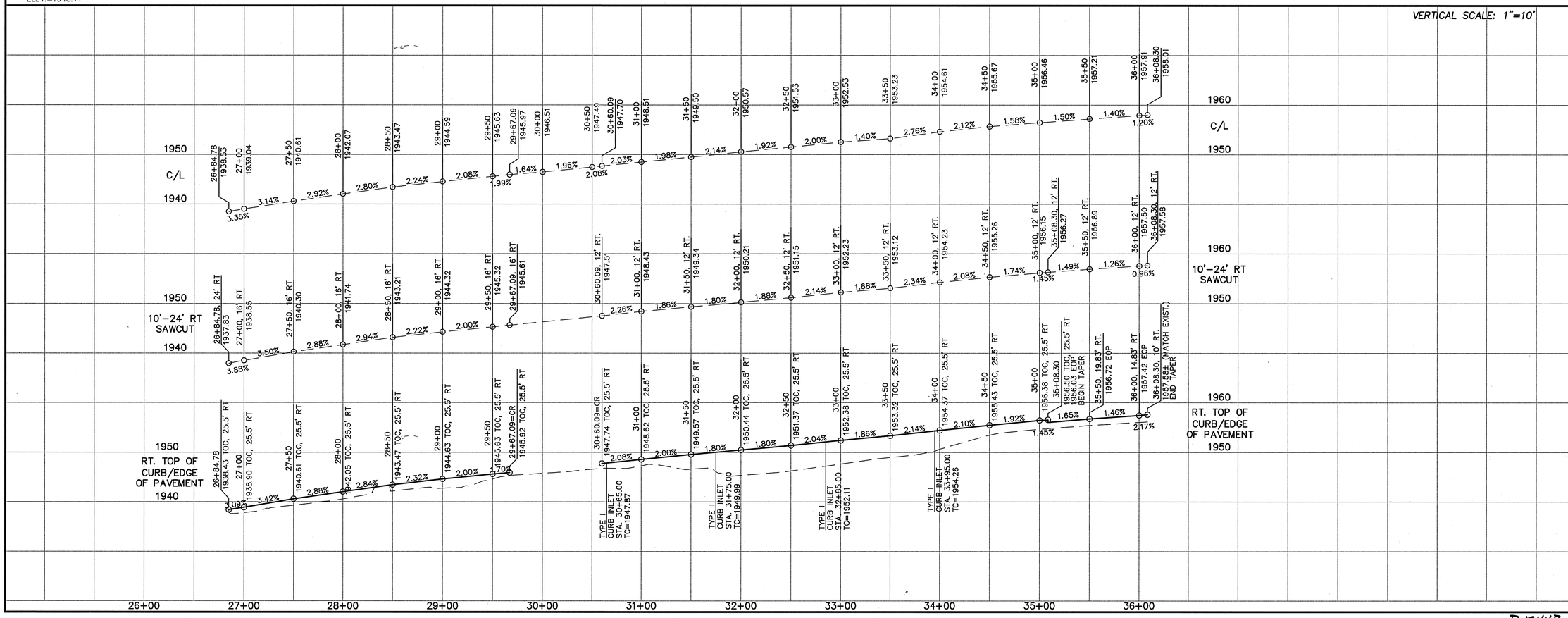
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456·8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1744B
DATE ACCEPTED: 4/4/2003
ACCEPTANCE EXPIRES: 4/4/2004
PROJECT LANE MILES PUBLIC: 0.70
PROJECT LANE MILES PRIVATE: 0.02
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

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

Gerald R Carter
DEVELOPER'S APPROVAL

2/20/02
DATE



Project Number: S990394
CLC Job Number: 99-394
Drawn By: MJP
Designed By: EMT
Checked By: TAS

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

TIMOTHY A. SCHIMKE
STATE OF WASHINGTON
22916
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/21/03

Date	Description

STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
HATCH ROAD
STA 26+84.78 TO STA 36+08.30
SPOKANE COUNTY, WASHINGTON

Sheet Title
STREET PLAN AND PROFILE

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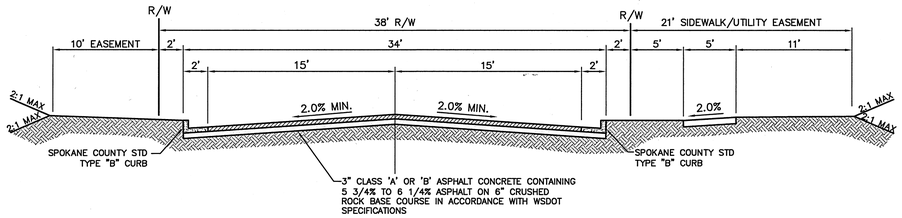
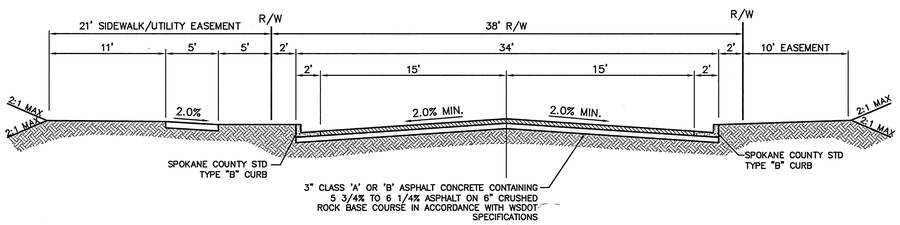
P-1744B Eng Road & Drainage



TYPICAL CROSS SECTION

NOT TO SCALE

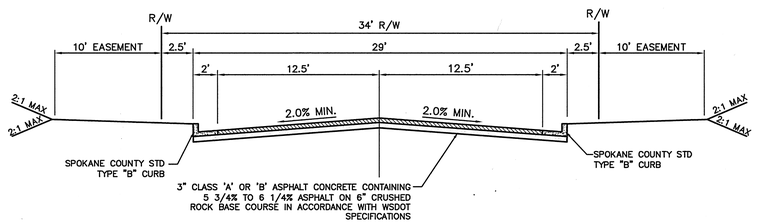
WESTCREST ROAD
EDGECREST ROAD
BALLARD ROAD
BRIDLE TRAIL ROAD



TYPICAL CROSS SECTION

NOT TO SCALE

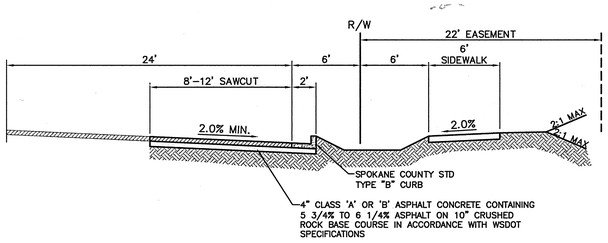
HORSEMAN ROAD



TYPICAL CROSS SECTION

NOT TO SCALE

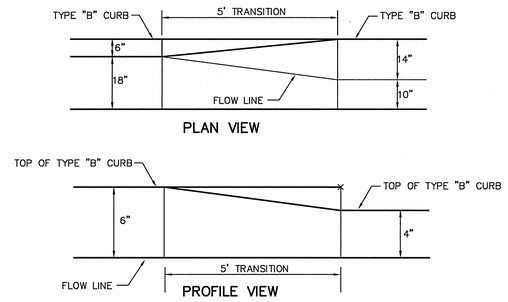
CANTER LANE



TYPICAL CROSS SECTION

NOT TO SCALE

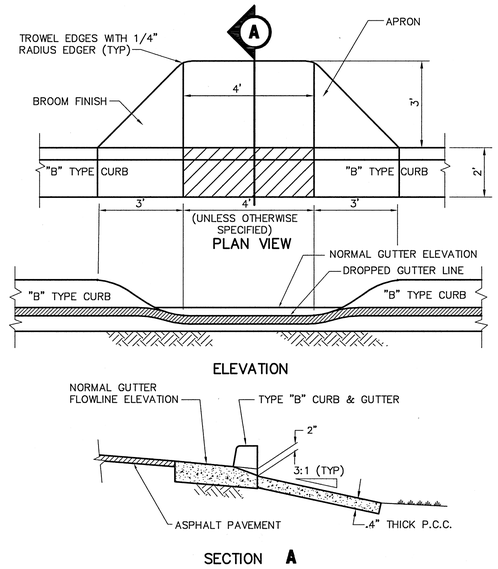
HATCH ROAD



CURB TRANSITION DETAIL

NOT TO SCALE

1 / –



CURB INLET – "B" TYPE CURB DETAIL

NOT TO SCALE

2 / –

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1744B
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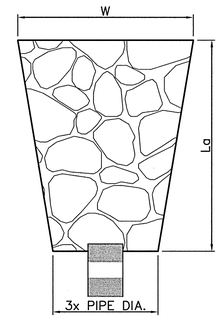


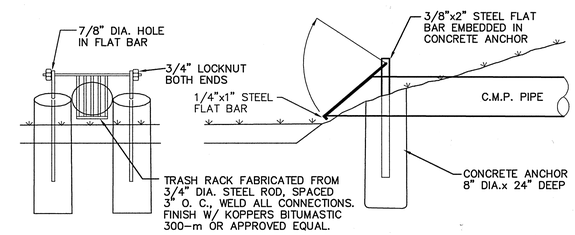
RIP RAP TABLE				
STORM DRAIN	La	W	ROCK SIZE	DEPTH OF ROCK
A	10'	7'	4"	8"
C	16'	10'	4"	8"
D	10'	7'	5"	10"
E	18'	11'	4"	8"
F	10'	7'	4"	8"
J	18'	10'	5"	10"
H	8.5'	6.5'	4"	8"

TOP OF RIP RAP SHALL BE 0.1' BELOW POND BOTTOM

RIP RAP DETAIL

NOT TO SCALE

3 / –



TRASH RACK DETAIL

NOT TO SCALE

4 / –

Gerald R Canter
DEVELOPER'S APPROVAL

2/20/02
DATE

P-1744 B

Eng Roads & Drainage

UNDERGROUND SERVICE ALERT
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STREET CONSTRUCTION PLANS
CANTERBURY TERRACE - PHASE III
STREET DETAILS
SPOKANE COUNTY, WASHINGTON

Sheet Title
STREET DETAILS

15 of 15
Sheet Number

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