COVER SHEET FOR
RIDGEMONT ESTATES NO. 3
2ND ADDITION
STREET AND STORM DRAINAGE PLANS
NE 1/4, SEC. 25, T. 25 N., R. 44 E, W.M.
SPOKANE COUNTY, WASHINGTON

RECORD DRAWINGS

STREET GENERAL NOTES

THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT TO CONSTRUCT AND INSTALL TO PROPER WORKING ORDER ALL IMPROVEMENTS AS DETAILED OR CALLED OUT ON THESE PLANS.

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 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, MARK L. KRIGBAUM, P.E., @ 458-6840, THE SITE/PROJECT INSPECTING ENGINEER OR HIS REPRESENTATIVE, BUDINGER & ASSOCIATES, STEVE BURCHETT, P.E., @ 535-8841 AND THE SPOKANE COUNTY ENGINEER'S OFFICE, CONSTRUCTION ENGINEER, @ 477-3600.

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 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 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 CONCRETE GUTTER.

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

11. FOR ANY CURB GRADES LESS THAN 0.8 % (0.008 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.

STORM DRAINAGE GENERAL NOTES

1. SEE STREET PLAN AND PROFILE SHEETS FOR DRYWELL AND CATCH BASIN TYPES AND LOCATIONS.

2. PONDS SHALL BE CONSTRUCTED PER THE REQUIREMENTS OF THESE DRAWINGS INCLUDING GRADING, SOD, AND DRYWELL INSTALLATION. ALL PONDS WITHIN TRACTS SHALL INCLUDE AN IRRIGATION SYSTEM. ALL IRRIGATION SHALL CONFORM TO SPOKANE COUNTY POND IRRIGATION SYSTEM GUIDELINES.

3. ALL "208" PONDS SHOWN SHALL BE ROUGH GRADED PRIOR TO PAVING OF ADJACENT ROADWAY.

4. CONTRACTOR SHALL PROVIDE SPOKANE COUNTY WITH RECORD DRAWINGS OF THE IRRIGATION PLANS UPON COMPLETION OF ALL POND CONSTRUCTION.

5. INSTALL "AMOCO" #4545 FILTER FABRIC (OR APPROVED EQUAL) IN ALL DRYWELLS. SEE SPOKANE COUNTY STANDARDS SHEET B-1a FOR INSTALLATION LOCATIONS.

6. ALL PONDS WITHIN THE COUNTY RIGHT-OF-WAY, IN THE AREA ASSOCIATED WITH THIS PROJECT, SHALL BE COMPLETED DURING THE CONSTRUCTION OF THE ROADWAY. THE CONTRACTOR SHALL PERFORM THE POND GRADE WORK, INSTALL THE IRRIGATION SYSTEM, AND PLACE THE SOD WITHIN THE PONDS FOLLOWING THE ROAD PAVING WORK.

7. THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL DRAINAGE STRUCTURES 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 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.

8. ALL LANDSCAPE AREAS ("208" PONDS) ARE TO BE IRRIGATED BY AN AUTOMATIC IRRIGATION SYSTEM INSTALLED BY OR UNDER THE DIRECTION OF THE LANDSCAPE CONTRACTOR. THE IRRIGATION SYSTEM SHALL COMPLY WITH ALL LOCAL CODES AND ORDINANCES (90 DAY GUARANTEE). AN APPROVED BACKFLOW DEVICE SHALL BE INSTALLED TO PREVENT WATER FROM GOING BACK INTO THE WATER SUPPLY.

SLEEVING: PROVIDE SLEEVING AS REQUIRED UNDER SIDEWALKS, PATHS, CURBING, PAVING, ETC. AS NEEDED FOR IRRIGATION ACCESS. ALL SLEEVING TO BE 4" PVC. WITH AT LEAST 12" OF COVER (1) FOOT BELOW FINISH GRADE. THE OWNER/GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING SLEEVING BEFORE CURBING, SIDEWALKS, PAVING, ETC. IS INSTALLED. PATCH ASPHALT AS NEEDED.

LAWN AREAS: LAWN AREAS ARE TO BE IRRIGATED WITH TORO POP-UP HEADS OR EQUIVALENT. (TEST SYSTEM BEFORE BACKFILLING).

ADJUSTMENT: AFTER INSTALLATION, ADJUST VALVES, HEADS, EMITTERS, ETC. TO PROVIDE UNIFORM COVERAGE AND TO MINIMIZE OVER SPRAY ON WALLS, FENCES, WALKS, DRIVES, ETC.

WATER POWER SUPPLY: THE OWNER/ GENERAL CONTRACTOR IS TO SUPPLY WATER TAPS FOR HOOK-UP AND SUPPLY POWER FOR CONTROLLER.

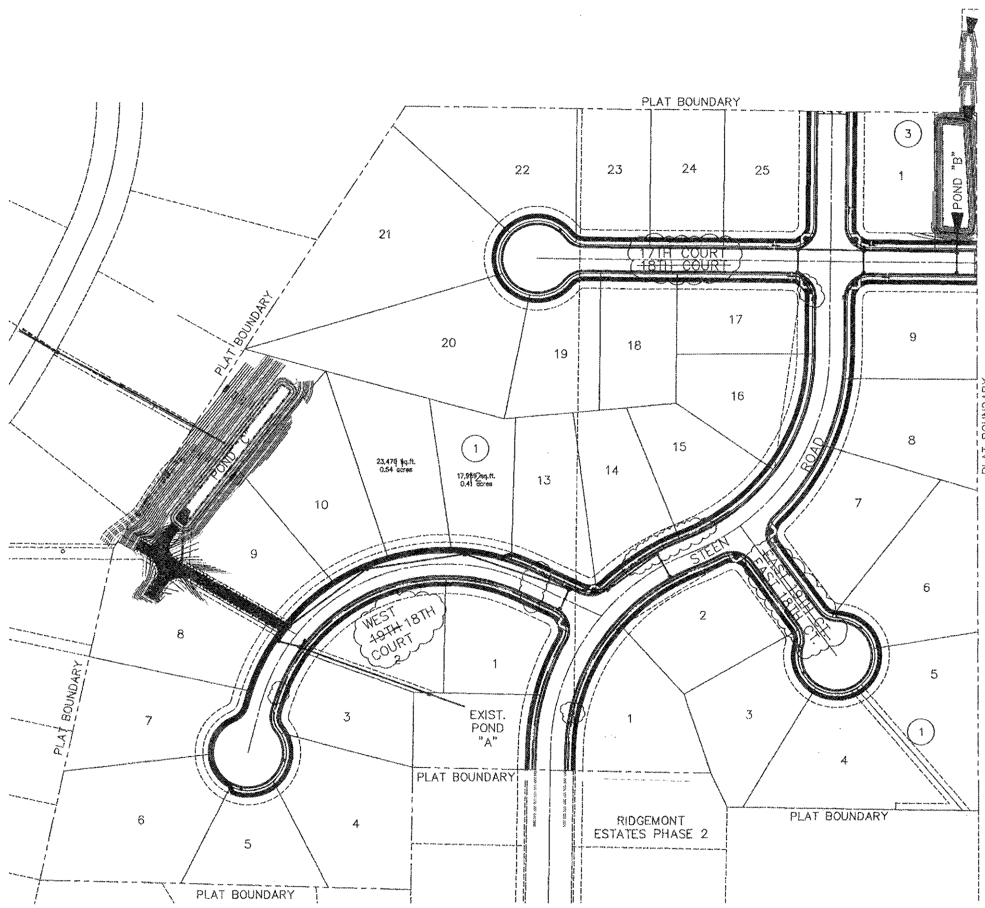
9. THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, AND THE SIDE SLOPES OF THE SWALE UP TO THE GPA OVERFLOW ELEVATION OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA SWALE SHALL BE A MEDIUM TO WELL-DRAINING MATERIAL, WITH A MINIMUM 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 AND PRIOR TO FINAL ACCEPTANCE, THE SWALE FLOOR MATERIAL SHALL BE INSTALLED TO A NATIVE SOIL STRATUM WHICH ALSO MEETS OR EXCEEDS THIS MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR.

NAVD 88 DATUM
PROJECT TBM
RR SPIKE IN POWER POLE
ALONG 32ND AVENUE
ELEV=2247.64

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

CAUTION: NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



NORTH 100 0 50 100
SCALE: 1" = 100'-0"

I have reviewed the constuction of this project and to my knowledge find it to be in substantial conformance with the accepted plans and Spokane County Standards except as noted.

Surveying was provided by CLC Associates.

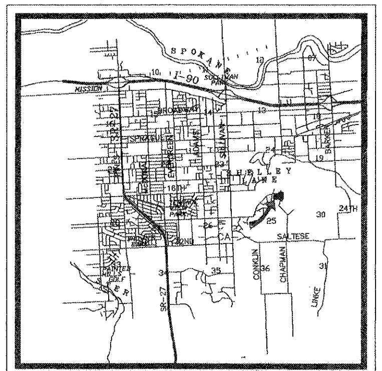
STEPHEN DEREK BURCHETT — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
EXPIRES: 9/24/07

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1437C
DATE ACCEPTED: 11/15/07

LEGEND

EXISTING	GENERAL	PROPOSED
	ROADWAY CENTER LINE	
	RIGHT OF WAY LINE	
	PROPERTY LINE	
	EASEMENT LINE	
	FENCE	
	CURB	
	PAVEMENT	
	GRAVEL	
	PLAT BOUNDARY	
	BUILDINGS & STRUCTURES	
	SANITARY SEWER	
	SANITARY SEWER	
	MANHOLE	
	CLEANOUT	
	SEWER SERVICE	
	WATER	
	WATER LINE	
V	VALVE	V
FH	FIRE HYDRANT	FH
WS	SERVICE	WS
WM	METER	WM
BLOWOFF	BLOWOFF	BLOWOFF
AVRS	AIR VACUUM RELIEF STATION	AVRS
	STORM DRAINAGE	
	DRAINAGE LINE	
MH	MANHOLE	MH
DW	DRYWELL	DW
CB	CATCH BASIN	CB
	DITCH	

Curb Inlet, Type 1
Spokane County Standards



VICINITY MAP

TABLE OF CONTENTS

COVER SHEET . . . . SHEET 1
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WEST ~~19TH~~ 18TH COURT . . . . SHEET 3
EAST ~~19TH~~ 18TH COURT . . . . SHEET 4
~~18TH~~ 17TH AVENUE . . . . SHEET 5
STREET DETAILS . . . . SHEET 6
DRAINAGE DETAILS . . . . SHEET 7
DRAINAGE LINE "A" . . . . SHEET 8

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

DEVELOPER'S APPROVAL DATE

street and storm drainage plans
RIDGEMONT ESTATES NO. 3
2ND ADDITION
COVER SHEET
SPOKANE COUNTY, WA

DATE	DESCRIPTION
08/27/03	ORIGINAL PREPARATION
11/07/03	SPOKANE COUNTY REVISIONS
02/06/04	SPOKANE COUNTY/CITY OF SPOKANE VALLEY REVISIONS

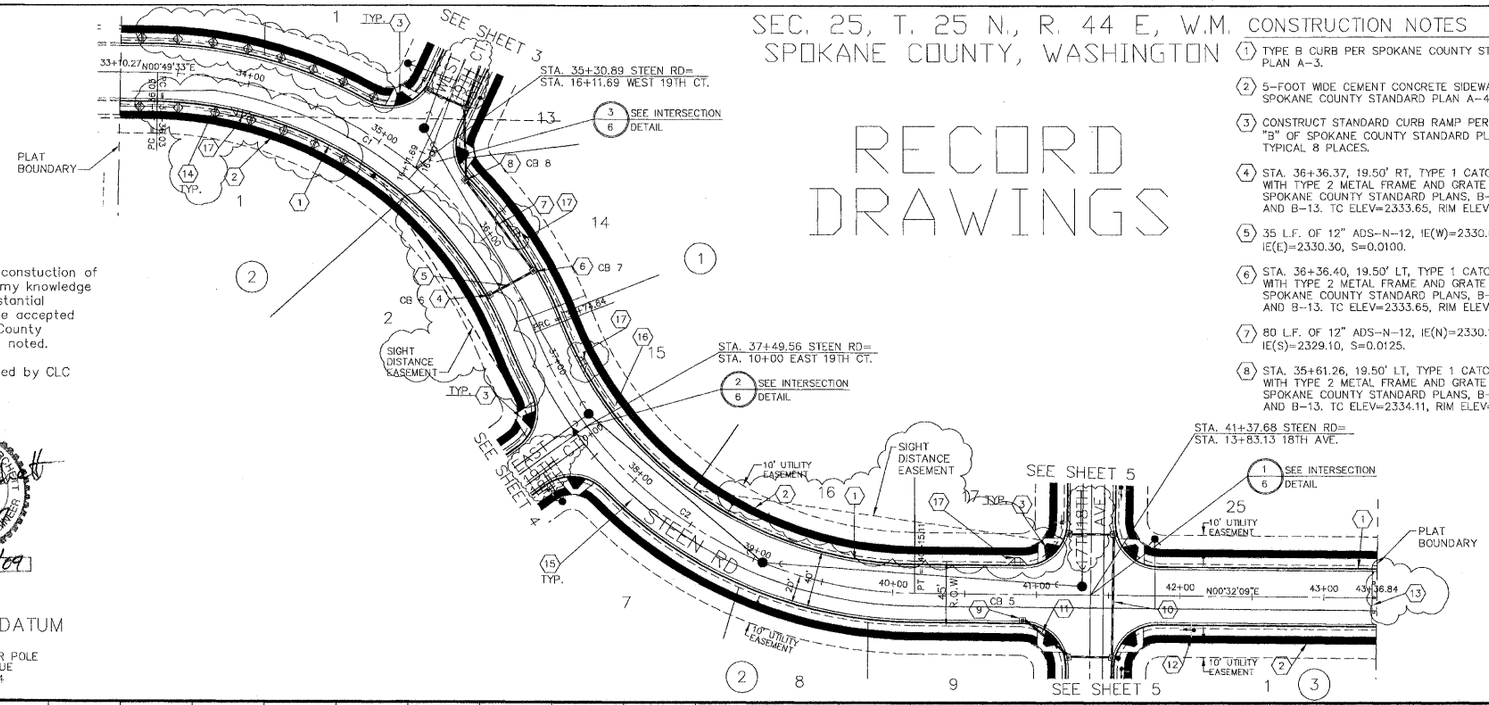
COVER SHEET

PROJECT #: 03103
DRAWN BY: DCJ
DESIGNED BY: BAH
CHECKED BY: MLK

P-1437C Eng As Builts

SEC. 25, T. 25 N., R. 44 E, W.M.
SPOKANE COUNTY, WASHINGTON

RECORD DRAWINGS



CONSTRUCTION NOTES

1. TYPE B CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
2. 5-FOOT WIDE CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-4.
3. CONSTRUCT STANDARD CURB RAMP PER DESIGN "B" OF SPOKANE COUNTY STANDARD PLAN A-5. TYPICAL 8 PLACES.
4. STA. 36+36.37, 19.50' RT, TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS, B-4, B-11 AND B-13. TC ELEV=2333.65, RIM ELEV=2333.15.
5. 35 L.F. OF 12" ADS-N-12, IE(W)=2330.65, IE(E)=2330.30, S=0.0100.
6. STA. 36+36.40, 19.50' LT, TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS, B-4, B-11 AND B-13. TC ELEV=2333.65, RIM ELEV=2333.15.
7. 80 L.F. OF 12" ADS-N-12, IE(N)=2330.10, IE(S)=2329.10, S=0.0125.
8. STA. 35+61.26, 19.50' LT, TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS, B-4, B-11 AND B-13. TC ELEV=2334.11, RIM ELEV=2333.61.
9. STA. 40+90.82, 19.50' RT, W.S.D.O.T. GRATE INLET, TYPE 2 PER W.S.D.O.T. STANDARD PLAN B-4C. TC ELEV=2330.35, RIM ELEV=2329.85.
10. 86 L.F. OF 15" ADS-N-12, IE(E)=2324.60, IE(W)=2325.90, S=0.0151.
11. 39 L.F. OF 12" ADS-N-12, IE(E)=2326.50, IE(W)=2327.35, S=0.0217.
12. PROVIDE AND INSTALL "DEAD END" SIGN W14-1 PER SPOKANE COUNTY AND M.U.T.C.D. STANDARDS.
13. PROVIDE AND INSTALL TYPE 1 TRAFFIC BARRICADE WITH (3) OM4-3 END OF ROADWAY SIGNS.
14. SWALE BERMS AS REQUIRED TO MAINTAIN 1.0% BOTTOM SLOPE. APPLY GRASS SEED MIX PER TABLE ON SHEET 7 OF 8.
15. SEE SHEET 6 FOR STEEN ROAD TYPICAL CROSS SECTION.
16. STA. 37+50, END ROADSIDE SWALES.
17. TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARDS.

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

NORTH 50 0 25 50
SCALE: 1" = 50'-0"

GENERAL NOTES

1. ALL FILL 2 FEET BELOW PROPOSED FINISHED ROAD GRADE SHALL BE APPROVED BY THE PROJECT ENGINEER AND COMPACTED TO 92% MAXIMUM DENSITY PER SPOKANE COUNTY GUIDELINES.

I have reviewed the constuction of this project and to my knowledge find it to be in substantial conformance with the accepted plans and Spokane County Standards except as noted.

Surveying was provided by CLC Associates.

STEPHEN DEREK BURCH
STATE OF WASHINGTON
PROFESSIONAL ENGINEER
EXPIRES: 9/24/09

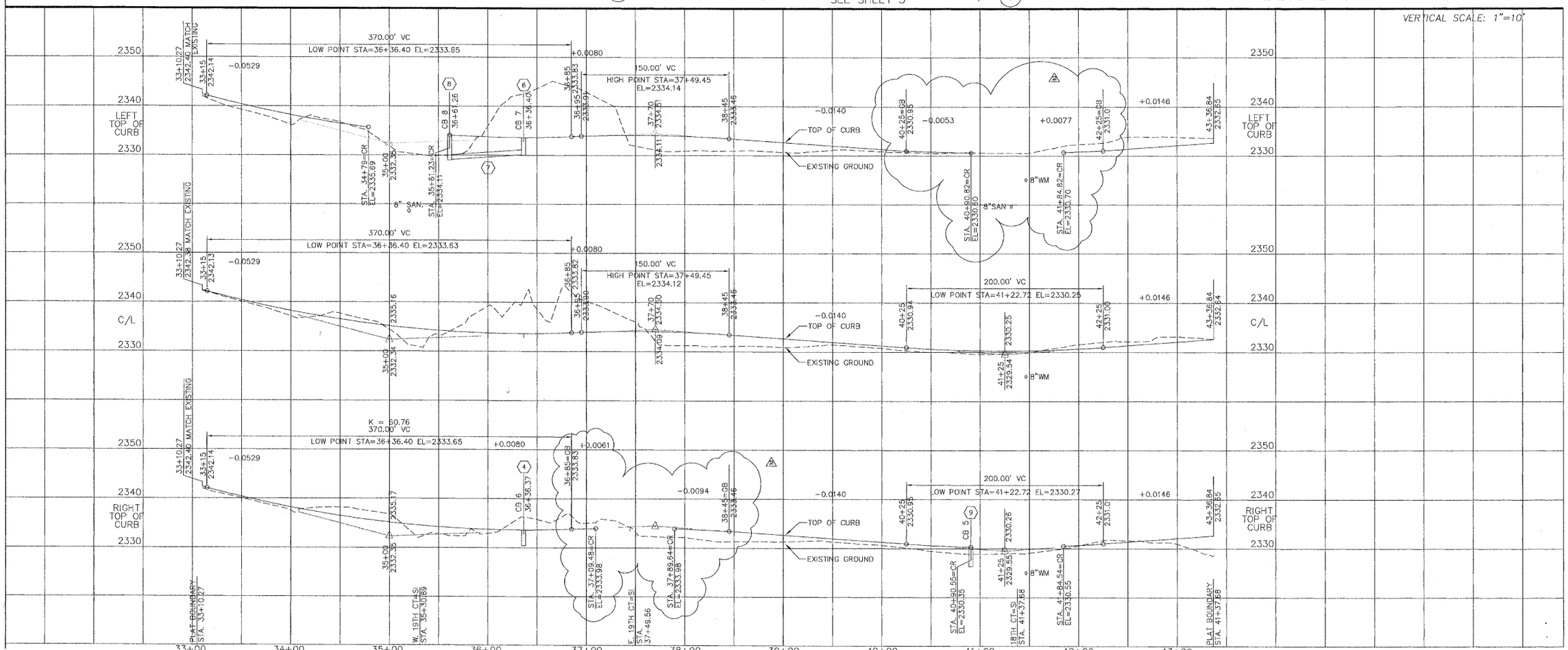
NAVD '88 DATUM
PROJECT TBM
RR SPIKE IN POWER POLE
ALONG 32ND AVENUE
ELEVATION=2247.64

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1437C
DATE ACCEPTED: 11/15/07

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	338.82'	286.00'	192.46'	319.35'	67°52'36"
C2	340.26'	286.00'	193.52'	320.55'	68°10'00"
C3	30.56'	30.50'	33.06'	44.83'	94°36'22"
C4	36.69'	30.50'	20.93'	34.52'	68°55'17"
C5	43.64'	30.50'	26.50'	40.01'	81°58'16"
C6	43.64'	30.50'	26.50'	40.01'	81°58'16"
C7	47.82'	30.50'	30.42'	43.07'	89°50'29"
C8	47.99'	30.50'	30.58'	43.19'	90°09'31"
C9	47.82'	30.50'	30.42'	43.07'	89°50'29"
C10	47.99'	30.50'	30.58'	43.19'	90°09'31"

DEVELOPER'S APPROVAL DATE

VERTICAL SCALE: 1"=10'



STREET PLANS
RIDGEMONT ESTATES #3
2ND ADDITION
STA. 33+10.27 TO
STA. 43+36.84
SPOKANE COUNTY, WASHINGTON

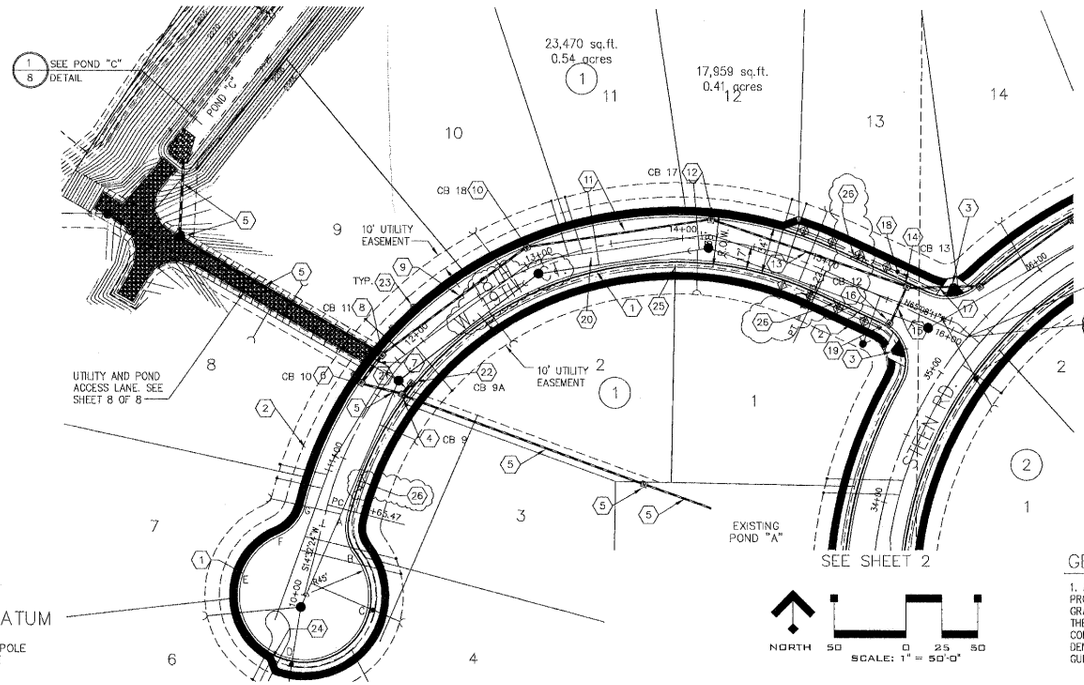
DATE	DESCRIPTION
08/27/03	ORIGINAL PREPARATION
11/07/03	SPOKANE COUNTY REVISIONS
02/06/04	SPOKANE COUNTY/CITY OF SPOKANE VALLEY REVISIONS
05/30/06	CURB REVISIONS

STEEN ROAD PLAN AND PROFILE

PROJECT #: S030103
DRAWN BY: DCJ
DESIGNED BY: BAH
CHECKED BY: MLK

P-1437C Erratic Built

SEC. 25, T. 25 N., R. 44 E, W.M.
SPOKANE COUNTY, WASHINGTON



NAVD '88 DATUM
PROJECT TBM IS
RR SPIKE IN POWER POLE
ALONG 32ND AVENUE
ELEVATION=2047.64

CONSTRUCTION NOTES

1. TYPE 8 CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
2. 5-FOOT WIDE CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-4.
3. CONSTRUCT STANDARD CURB RAMP PER DESIGN "B" OF SPOKANE COUNTY STANDARD PLAN A-5.
4. SEE SHEET 8.
5. SEE SHEET 8.
6. STA. 11+50.00, 16.00 LT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS, B-4, B-11 AND B-13. TC ELEV=2314.02, RIM ELEV=2313.52.
7. 24 L.F. OF 18" ADS-N-12, IE(SW)=2309.10, IE(NE)=2308.50, S=0.0250.
8. STA. 11+73.88, 16.00 LT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS, B-4, B-11 AND B-13. TC ELEV=2314.10, RIM ELEV=2313.60.
9. 126 L.F. OF 12" ADS-N-12, IE(SW)=2313.60, IE(NE)=2309.50, S=0.0235.
10. STA. 12+94.42, 16.00 LT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS, B-4, B-11 AND B-13. TC ELEV=2317.04, RIM ELEV=2316.54.
11. 127 L.F. OF 12" ADS-N-12, IE(W)=2313.75, IE(E)=2321.40, S=0.0602.
12. STA. 14+18.41, 16.00 LT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS, B-4, B-11 AND B-13. TC ELEV=2325.01, RIM ELEV=2324.51.
13. 144 L.F. OF 12" ADS-N-12, IE(W)=2321.50, IE(E)=2328.20, S=0.0465.
14. STA. 15+58.62, 16.00 LT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS, B-4, B-11 AND B-13. TC ELEV=2332.86, RIM ELEV=2332.36.
15. CB12 TO CB13, 28 L.F. OF 12" ADS-N-12, IE(N)=2329.30, IE(S)=2330.10.
16. STA. 15+58.15, 16.50 RT., W.S.D.O.T. GRATE INLET PER W.S.D.O.T. STANDARD PLANS, B-4C, TC ELEV=2332.83, RIM ELEV=2332.33.
17. 51 L.F. OF 12" ADS-N-12, IE(W)=2328.50, IE(E)=2329.00, S=0.0098.
18. PROVIDE AND INSTALL "DEAD END" SIGN W14-1 PER SPOKANE COUNTY AND M.U.T.C.D. STANDARDS.
19. PROVIDE AND INSTALL "STOP" SIGN R1-1 AND (2) "PUBLIC ROAD" SIGNS PER SPOKANE COUNTY STANDARD PLAN A-16 AND M.U.T.C.D. STANDARDS.
20. SEE SHEET 6 FOR TYPICAL WEST 19TH COURT CROSS SECTION.
21. 10 L.F. OF 15" ADS-N-12, IE(S)=2310.70, IE(N)=2310.90.
22. STA. 12+59.61 16.00 RT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS, B-4, B-11 AND B-13. TC ELEV=2310.50, RIM ELEV=2310.00.
23. SWALE BERMS AS REQUIRED TO MAINTAIN 1.0% BOTTOM SLOPE. APPLY GRASS SEED MIX PER TABLE ON SHEET 7 OF 8.
24. CUL-DE-SAC STA. 1+47.70, END ROADSIDE SWALE.
25. STA. 13+95.00, END ROADSIDE SWALE.
26. TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARDS.

GENERAL NOTES

1. ALL FILL 2 FEET BELOW PROPOSED FINISHED ROAD GRADE SHALL BE APPROVED BY THE PROJECT ENGINEER AND COMPACTED TO 92% MAXIMUM DENSITY PER SPOKANE COUNTY GUIDELINES.

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

CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	30.50'	27.25'	14.61'	26.36'	51°11'43"
C2	44.50'	219.32'	35.78'	55.77'	282°23'27"
C3	30.50'	27.25'	14.61'	26.36'	51°11'43"
C4	250.00'	437.74'	299.65'	383.93'	100°19'24"
C5	30.50'	36.69'	20.93'	34.52'	68°55'17"
C6	30.50'	50.36'	33.06'	44.83'	94°36'22"

DEVELOPER'S APPROVAL DATE

RECORD DRAWINGS

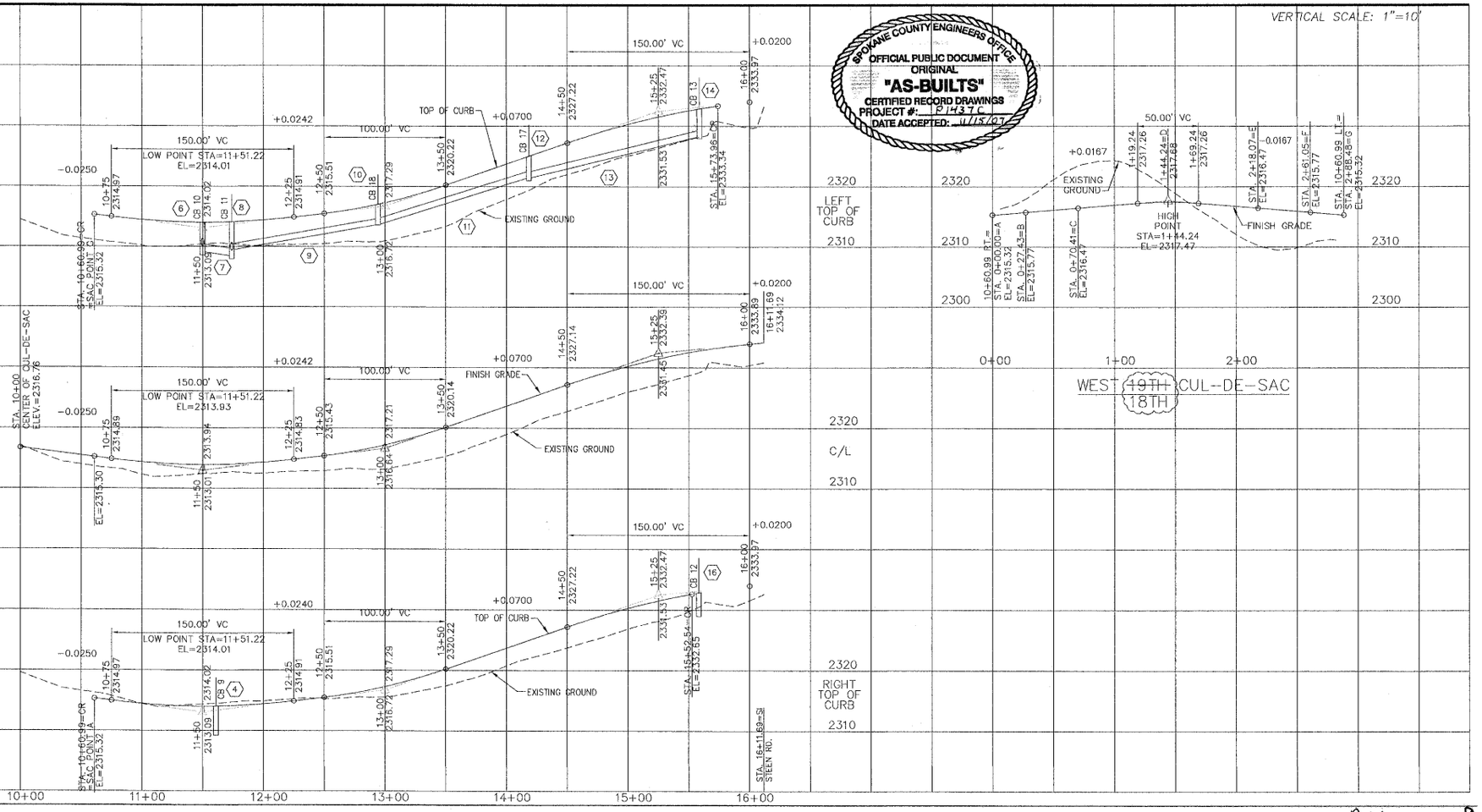
I have reviewed the constuction of this project and to my knowledge find it to be in substantial conformance with the accepted plans and Spokane County Standards except as noted.

Surveying was provided by CLC Associates.

STEPHEN DEREK BURNETT
STATE OF WASHINGTON
PROFESSIONAL ENGINEER
EXPIRES: 9/24/07

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1437C
DATE ACCEPTED: 11/15/07

VERTICAL SCALE: 1"=10'



STREET PLANS
RIDGEMONT ESTATES #3
2ND ADDITION
STA. 10+00 TO STA. 16+11.69
SPOKANE COUNTY, WASHINGTON

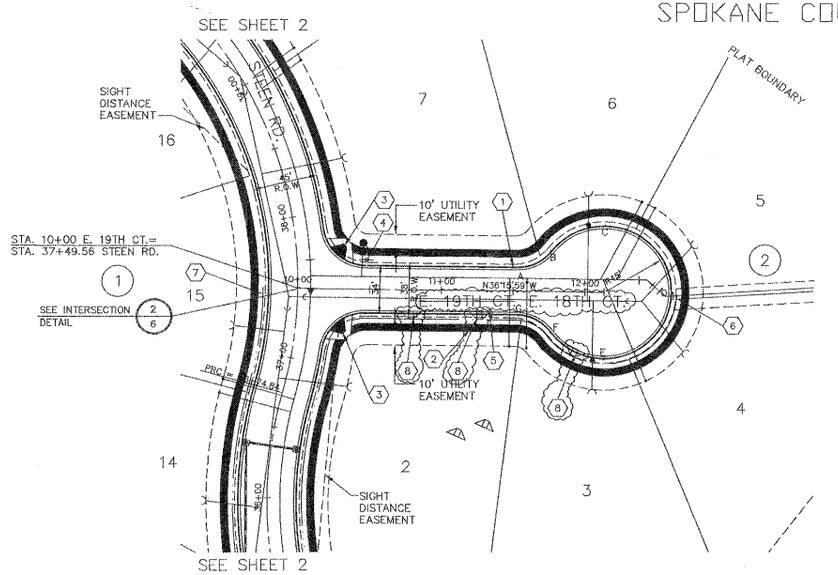
DATE	DESCRIPTION
08/27/03	ORIGINAL PREPARATION
11/07/03	SPOKANE COUNTY REVISIONS
02/06/04	SPOKANE COUNTY/CITY OF SPOKANE VALLEY REVISIONS

W. 18TH CT. PLAN AND PROFILE

PROJECT #: S030103
DRAWN BY: DCJ
DESIGNED BY: BAH
CHECKED BY: MLK

P-1437C Orig As Built

SEC. 25, T. 25 N., R. 44 E, W.M.
SPOKANE COUNTY, WASHINGTON



NAVD '88 DATUM
PROJECT TBM IS
RR SPIKE IN POWER POLE
ALONG 32ND AVENUE
ELEVATION=2247.64

RECORD DRAWINGS

I have reviewed the constuction of this project and to my knowledge find it to be in substantial conformance with the accepted plans and Spokane County Standards except as noted.

Surveying was provided by CLC Associates.

STEPHEN DEREK BURGETT
STATE OF WASHINGTON
PROFESSIONAL ENGINEER
EXPIRES: 9/24/07

CONSTRUCTION NOTES

1. TYPE B CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
2. 5-FOOT WIDE CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-4.
3. CONSTRUCT STANDARD CURB RAMP PER DESIGN "B" OF SPOKANE COUNTY STANDARD PLAN A-5.
4. PROVIDE AND INSTALL "STOP" SIGN R1-1 AND (2) "PUBLIC ROAD" SIGNS PER SPOKANE COUNTY STANDARD PLAN A-16 AND M.U.T.C.D. STANDARDS.
5. SEE SHEET 6 FOR TYPICAL EAST 19TH COURT CROSS SECTION.
6. CUL-DE-SAC STA. 11+38.00, END ROADSIDE SWALES.
7. STA. 37+50.00, END ROADSIDE SWALES.
8. TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARDS.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1437C
DATE ACCEPTED: 11/15/07

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

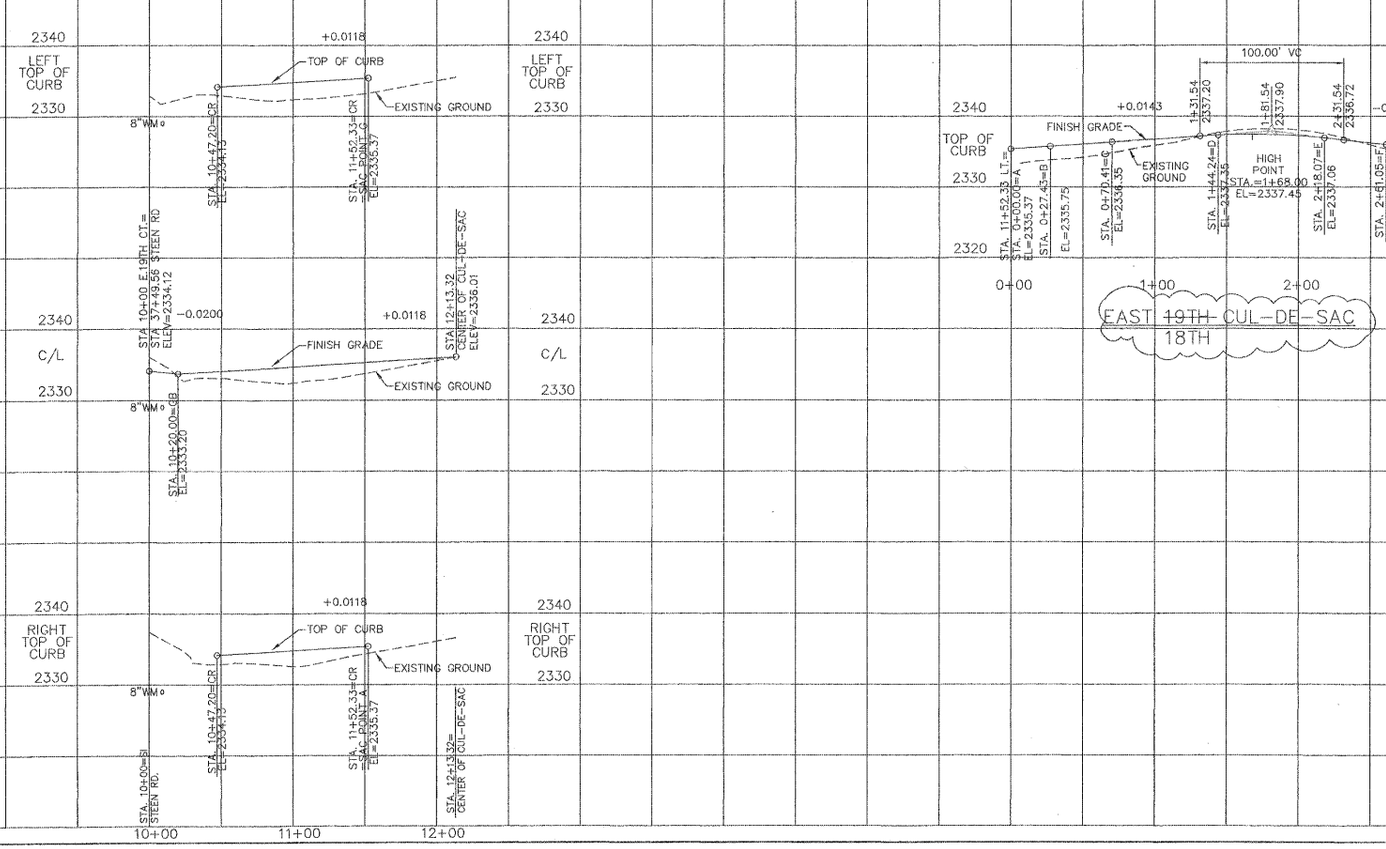
NORTH 50 0 25 50
SCALE: 1" = 50'-0"

GENERAL NOTES

1. ALL FILL 2 FEET BELOW PROPOSED FINISHED ROAD GRADE SHALL BE APPROVED BY THE PROJECT ENGINEER AND COMPACTED TO 92% MAXIMUM DENSITY PER SPOKANE COUNTY GUIDELINES.

DEVELOPER'S APPROVAL DATE

VERTICAL SCALE: 1"=10'



STREET PLANS
RIDGEMONT ESTATES #3
2ND ADDITION
STA. 10+00 TO STA. 12+13.32
SPOKANE COUNTY, WASHINGTON

DATE	DESCRIPTION
08/27/03	ORIGINAL PREPARATION
11/07/03	SPOKANE COUNTY REVISIONS
02/06/04	SPOKANE COUNTY/CITY OF SPOKANE VALLEY REVISIONS

PROJECT #:S030103
DRAWN BY: DCJ
DESIGNED BY: BAH
CHECKED BY: MLK

E. 18TH CT. PLAN AND PROFILE

P1437C Eng As Built

RECORD DRAWINGS

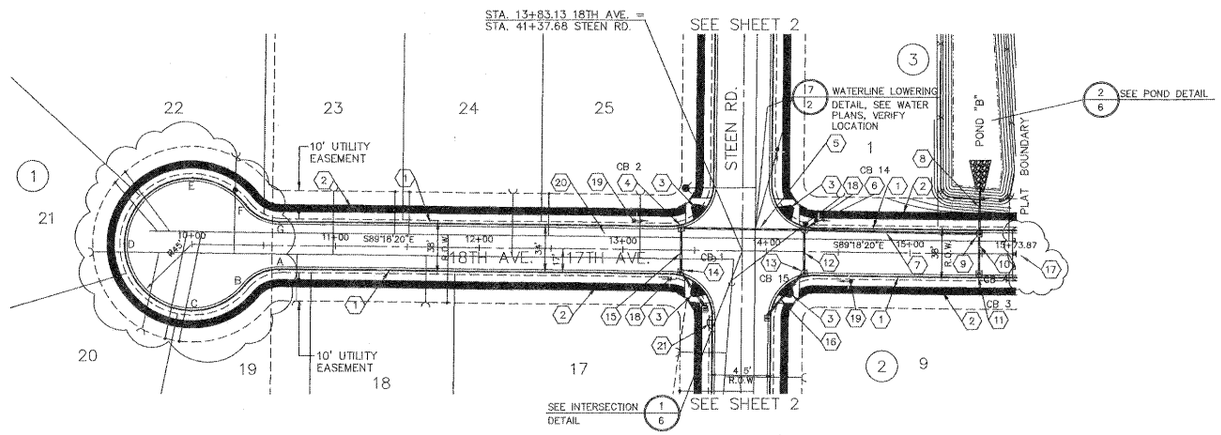
I have reviewed the constuction of this project and to my knowledge find it to be in substantial conformance with the accepted plans and Spokane County Standards except as noted.

Surveying was provided by CLC Associates.

STEVEN DEREK PURCHASE — STATE OF WASHINGTON — 34893 — REGISTERED PROFESSIONAL ENGINEER

EXPIRES: 9/24/07

SEC. 25, T. 25 N., R. 44 E, W.M.
SPOKANE COUNTY, WASHINGTON



NORTH — SCALE: 1" = 50'-0"

CONSTRUCTION NOTES

1. TYPE B CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
2. 5-FOOT WIDE CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-4.
3. CONSTRUCT STANDARD CURB RAMP PER DESIGN "B" OF SPOKANE COUNTY STANDARD PLAN A-5.
4. STA. 13+40.00, 16.90 LT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-13. TC ELEV=2330.40, RIM ELEV=2329.80.
5. 86 L.F. OF 15" ADS-N-12, IE(W)=2325.90, IE(E)=2324.60, S=0.0151.
6. STA. 14+27.00, 16.75 LT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-13. TC ELEV=2329.39, RIM ELEV=2328.89.
7. 121 L.F. OF 18" ADS-N-12, IE(W)=2324.50, IE(E)=2320.05, S=0.0368.
8. 30 L.F. OF 21" ADS-N-12, IE(S)=2319.80, IE(N)=2316.00, S=0.1267.
9. STA. 15+48.00, 16.00 LT., W.S.D.O.T. GRATE INLET, TYPE 2 PER W.S.D.O.T. STANDARD PLAN B-4C. TC ELEV=2324.86, RIM ELEV=2324.36.
10. 28 L.F. OF 12" ADS-N-12, IE(N)=2321.30, IE(S)=2322.20, S=0.0321.
11. STA. 15+48.00, 16.00 RT., W.S.D.O.T. GRATE INLET, TYPE 2 PER W.S.D.O.T. STANDARD PLAN B-4C. TC ELEV=2324.86, RIM ELEV=2324.36.
12. 31 L.F. OF 12" ADS-N-12, IE(N)=2325.60, IE(S)=2326.30, S=0.0225.
13. STA. 14+27.00, 16.75 RT., W.S.D.O.T. GRATE INLET, TYPE 2 PER W.S.D.O.T. STANDARD PLAN B-4C. TC ELEV=2329.39, RIM ELEV=2328.89.
14. STA. 13+40.00, 16.90 RT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-13. TC ELEV=2330.30, RIM ELEV=2329.70.
15. 31 L.F. OF 12" ADS-N-12, IE(N)=2326.00, IE(S)=2326.55, S=0.0177.
16. 39 L.F. OF 12" ADS-N-12, IE(N)=2326.50, IE(S)=2327.35, S=0.0218.
17. PROVIDE AND INSTALL TYPE 1 TRAFFIC BARRICADE WITH (3) OM4-3 END OF ROADWAY SIGNS.
18. PROVIDE AND INSTALL "STOP" SIGN R1-1 AND (2) "PUBLIC ROAD" SIGNS PER SPOKANE COUNTY STANDARD PLAN A-16 AND M.U.T.C.D. STANDARDS.
19. PROVIDE AND INSTALL "DEAD END" SIGN W14-1 PER SPOKANE COUNTY AND M.U.T.C.D. STANDARDS.
20. SEE SHEET 6 FOR TYPICAL 18TH AVENUE CROSS SECTION.
21. TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARDS.

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

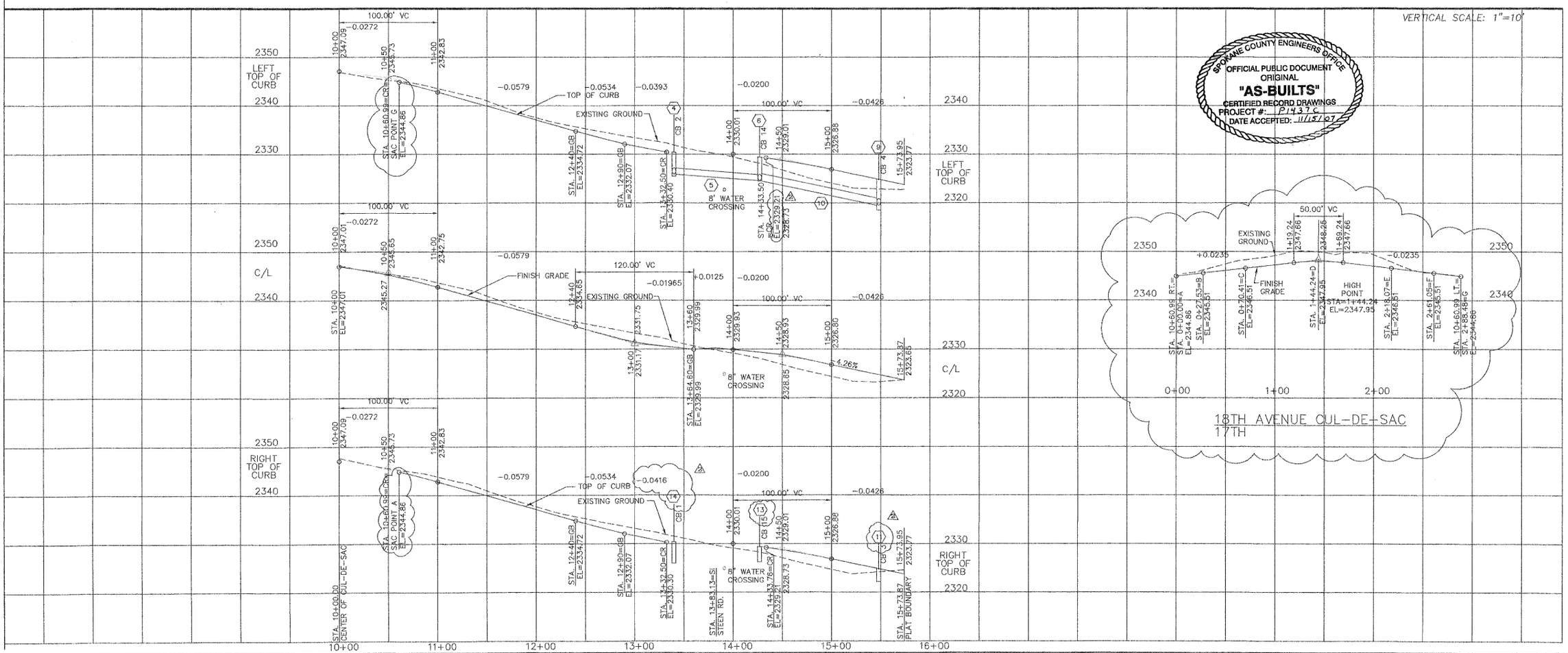
GENERAL NOTES

1. ALL FILL 2 FEET BELOW PROPOSED FINISHED ROAD GRADE SHALL BE APPROVED BY THE PROJECT ENGINEER AND COMPACTED TO 92% MAXIMUM DENSITY PER SPOKANE COUNTY GUIDELINES.

NAVD '88 DATUM
PROJECT TBM IS RR SPIKE IN POWER POLE ALONG 32ND AVENUE ELEVATION=2247.64

DEVELOPER'S APPROVAL — DATE

VERTICAL SCALE: 1"=10'



SPOKANE COUNTY ENGINEERS OFFICE — OFFICIAL PUBLIC DOCUMENT ORIGINAL "AS-BUILTS" CERTIFIED RECORD DRAWINGS PROJECT #: P1437C DATE ACCEPTED: 11/15/07

STREET PLANS
RIDGEMONT ESTATES #3 2ND ADDITION
STA. 10+00 TO STA. 15+73.87
SPOKANE COUNTY, WASHINGTON

PREPARED UNDER THE DIRECT SUPERVISION OF MARK L. KRIEBAUM WASHINGTON REGISTRATION NO. 39335 FOR AND ON BEHALF OF CLC ASSOCIATES

DATE		DESCRIPTION
09/27/03	-	ORIGINAL PREPARATION
11/07/03	-	SPOKANE COUNTY REVISIONS
02/06/04	-	SPOKANE COUNTY/CITY OF SPOKANE VALLEY REVISIONS
05/30/06	-	CURB REVISIONS

PROJECT #:8030103
DRAWN BY: DDJ
DESIGNED BY: BAH
CHECKED BY: MLK

17TH AVE. PLAN AND PROFILE

P-1437C Eng As Built

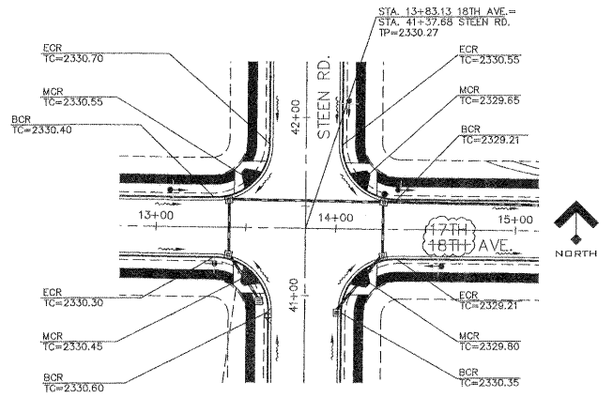
RECORD DRAWINGS

I have reviewed the constuction of this project and to my knowledge find it to be in substantial conformance with the accepted plans and Spokane County Standards except as noted.

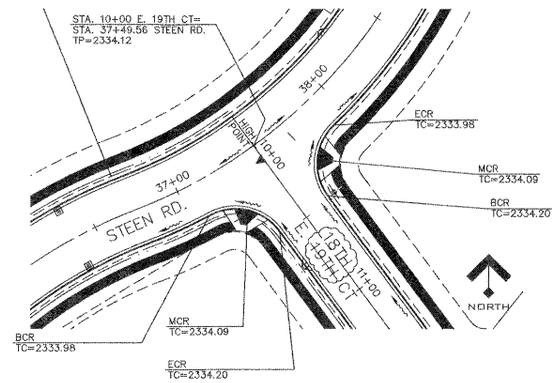
Surveying was provided by CLC Associates.

STEPHEN PARKER BURGESS — STATE OF WASHINGTON — 18400 — PROFESSIONAL ENGINEER

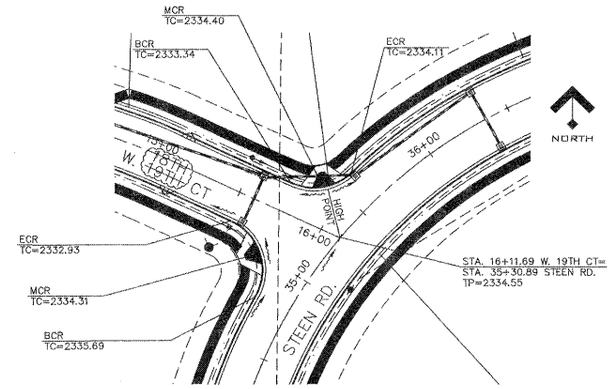
9/24/09



INTERSECTION 1
SCALE: 1"=40'

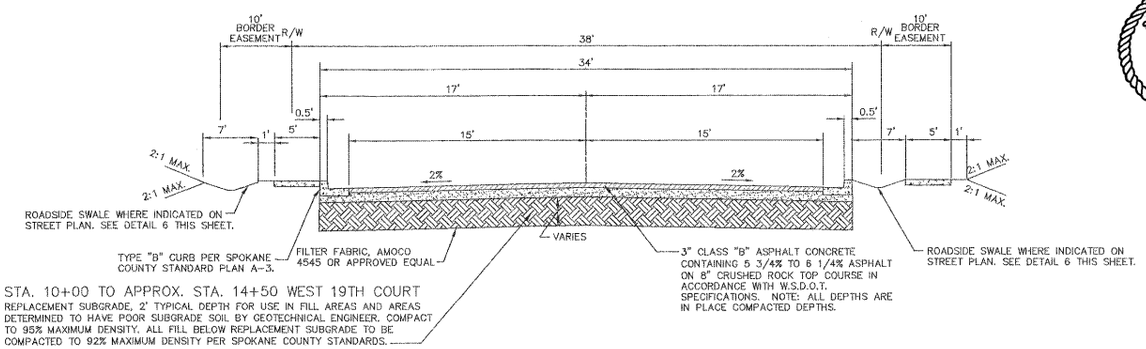


INTERSECTION 2
SCALE: 1"=40'

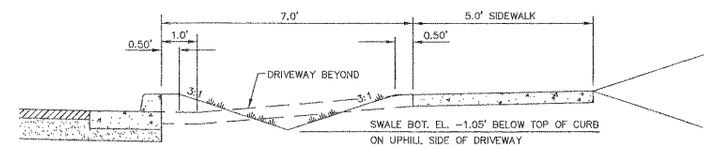


INTERSECTION 3
SCALE: 1"=40'

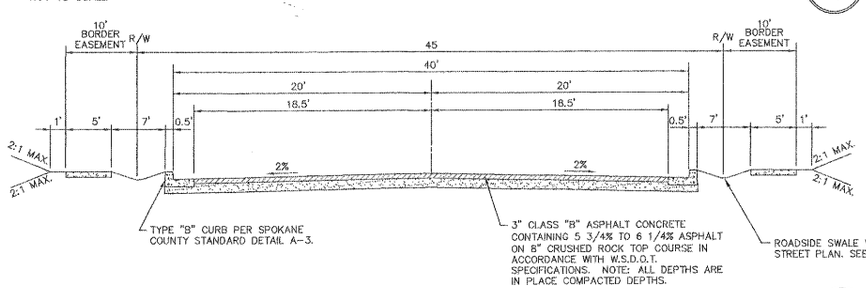
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1437C
DATE ACCEPTED: 11/15/07



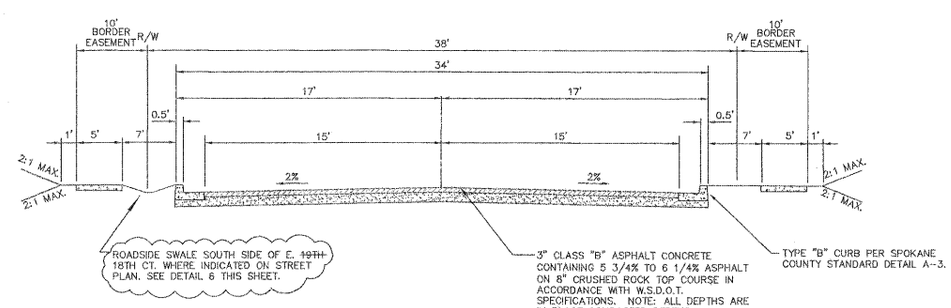
TYPICAL W. (18TH) ~~(19TH)~~ COURT CROSS SECTION 4
NOT TO SCALE



DRIVEWAY "208" TREATMENT SWALE SECTION 5
NOT TO SCALE



TYPICAL STEEN ROAD CROSS SECTION 6
NOT TO SCALE



TYPICAL (~~18TH AND E. 19TH~~ 17TH AND E. 18TH) COURT CROSS SECTION 7
NOT TO SCALE

NAVD '88 DATUM
PROJECT TBM
RR SPIKE IN POWER POLE
ALONG 32ND AVENUE
ELEV=2247.64

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

CAUTION: NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

DEVELOPER'S APPROVAL DATE

STREET AND STORM DRAINAGE PLANS

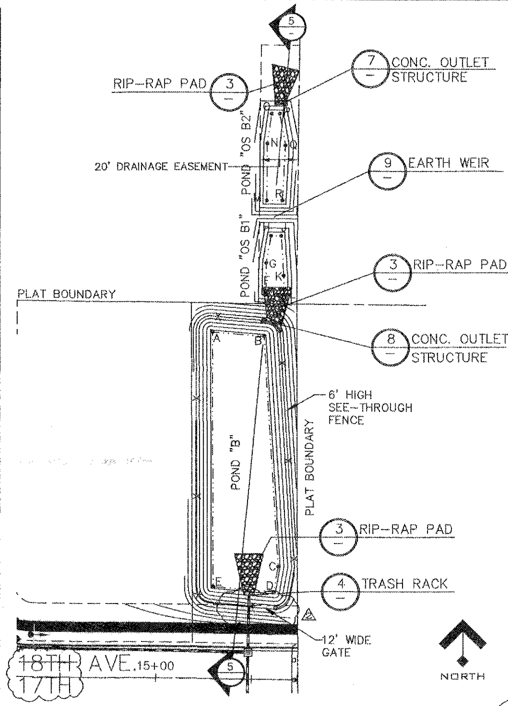
RIDGEMONT ESTATES NO. 3
2ND ADDITION
DETAIL SHEET
SPOKANE COUNTY, WA

DATE	DESCRIPTION
08/27/03	ORIGINAL PREPARATION
11/07/03	SPOKANE COUNTY REVISIONS
02/06/04	SPOKANE COUNTY/CITY OF SPOKANE VALLEY REVISIONS

STREET DETAILS

PROJECT #S030103
DRAWN BY: JCR
DESIGNED BY: SAH
CHECKED BY: MLK

P-1437C Eng As Built



POND "B", "OS-B1", "OS-B2" PLAN (1)

SCALE: 1"=40'

POND B
POND BOTTOM ELEV. = 2315.50
POND BOTTOM AREA = 4140 S.F.
PERIMETER = 329 L.F.
REQUIRED '208' VOLUME = 2554 C.F.
TOP OF BERM = 2319.00

POND OS-B1
POND BOTTOM ELEV. = 2312.00
POND BOTTOM AREA = 245 S.F.
PERIMETER = 75 L.F.

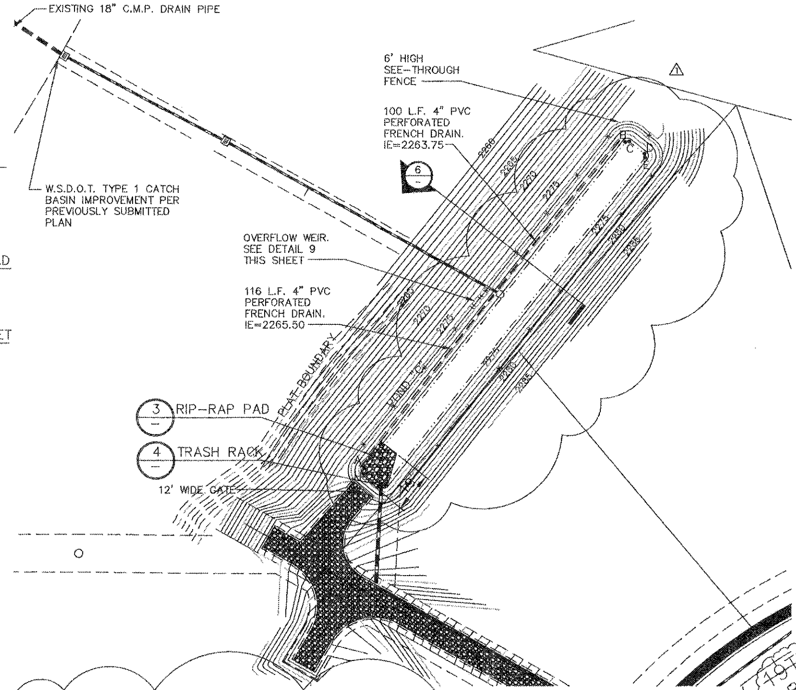
POND OS-B2
POND BOTTOM ELEV. = 2308.00
POND BOTTOM AREA = 375 S.F.
PERIMETER = 103 L.F.

POND BOTTOM DIMENSION TABLE

POINTS	LENGTH
A-B	27.00'
B-C	122.29'
C-D	13.68'
D-E	31.62'
E-A	134.86'
F-G	15.20'
G-H	14.78'
H-J	5.27'
J-K	21.27'
K-L	10.01'
L-F	7.49'
M-N	30.19'
N-O	16.04'
O-P	4.23'
P-Q	17.16'
Q-R	29.24'
R-M	8.14'

POND BOTTOM LOCATION TABLE (18TH COURT STATION & OFFSET)

POINT	STATION	OFFSET
A	15+27.43	183.55' LT.
B	15+54.36	181.59' LT.
C	15+63.33	59.64' LT.
D	15+61.04	46.14' LT.
E	15+29.52	48.70' LT.
F	15+55.13	205.79' LT.
G	15+55.06	220.77' LT.
H	15+57.43	235.35' LT.
J	15+62.71	235.36 LT.
K	15+64.27	214.15' LT.
L	15+64.29	204.14' LT.
M	15+54.84	254.00' LT.
N	15+54.77	284.19 LT.
O	15+56.89	300.08' LT.
P	15+61.12	300.09' LT.
Q	15+64.26	283.22' LT.
R	15+62.98	245.01' LT.



POND "C" PLAN (2)

SCALE: 1"=40'

POND BOTTOM ELEV. = 2273.25
POND BOTTOM AREA = 2927 S.F.
PERIMETER = 471 L.F.
TOP OF BERM = 2277.00
REQUIRED '208' VOLUME = 2083 C.F.

POND BOTTOM DIMENSION TABLE

POINTS	LENGTH
A-B	220.6'
B-C	2.2'
C-D	10.1'
D-E	2.2'
E-F	220.6'
F-G	2.2'
G-H	10.1'
H-A	2.2'

POND BOTTOM LOCATION TABLE (WEST 19TH CT. STATION & OFFSET)

POINT	STATION	OFFSET
A	11+83.75	218.76' LT.
B	12+90.80	281.39' LT.
C	12+91.77	280.75' LT.
D	12+93.96	271.77 LT.
E	12+93.67	269.76' LT.
F	11+84.38	205.71' LT.
G	11+83.50	207.15' LT.
H	11+83.29	217.24' LT.

* DRYLAND GRASS SEED MIX

SPOKANE COUNTY PUBLIC WORKS, FEBRUARY 1998

GRASS SEED: PROVIDE FRESH, CLEAN, NEW CROP SEED COMPLYING WITH TOLERANCE OF PURITY AND GERMINATION ESTABLISHED BY THE OFFICIAL SEED ANALYSIS OF NORTH AMERICA. PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES AND PERCENTAGES AS FOLLOWS:

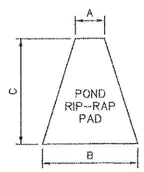
20 PERCENT	ELKA PERENNIAL RYE
20 PERCENT	DURAR HARD FESCUE
45 PERCENT	COVAR SHEEP/FESCUE
15 PERCENT	RUBE'S CANADIAN BLUEGRASS

PROVIDE MIXTURE COMPOSED OF GRASS SEED AND FERTILIZER IN PERCENTAGES AS FOLLOWS:

GRASS SEED: 90 LBS. PER ACRE
FERTILIZER: 16-16-16 TIMED RELEASE COMPOSITION, 300 LBS. PER ACRE.

ALL SEEDING OF SLOPES SHALL BE DONE IN ACCORDANCE WITH THE W.S.D.O.T. STANDARD SPECIFICATIONS, SEC. 8-01.

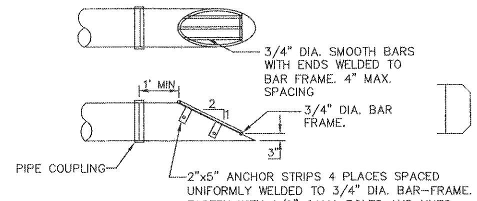
POND	A	B	C	RIP (MIN. DIA.)	MIN. THICKNESS
B	5'	15'	22	8"	1.5'
C	5'	15'	24'	10"	2.0'
B-OUTFALL	10'	15'	18'	5"	1.0'



NOTE
PROVIDE A GEOTEXTILE FABRIC UNDER EACH RIP PAD. FABRIC SHALL BE NORTH AMERICAN GREEN FLEXIBLE LINING FABRIC.

TYPICAL RIP-RAP PAD (3)

NOT TO SCALE



NOTE: ALL STEEL PARTS MUST BE GALVANIZED AND ASPHALT COATED (TREATMENT 1 OR BETTER) REFER TO FIGURE 39 IN SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT.

TRASH RACK DETAIL (4)

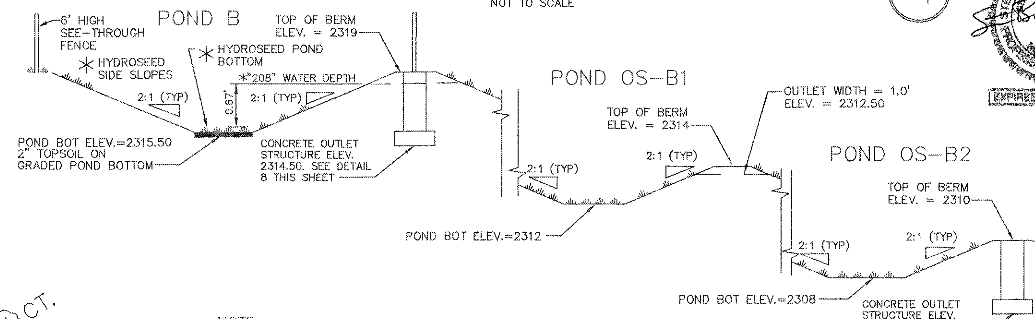
NOT TO SCALE

RECORD DRAWINGS

I have reviewed the constuction of this project and to my knowledge find it to be in substantial conformance with the accepted plans and Spokane County Standards except as noted.

Surveying was provided by CLC Associates.

STEPHEN DEREK BURCHETT, STATE OF WASHINGTON, PROFESSIONAL ENGINEER
EXPIRES: 9/24/09

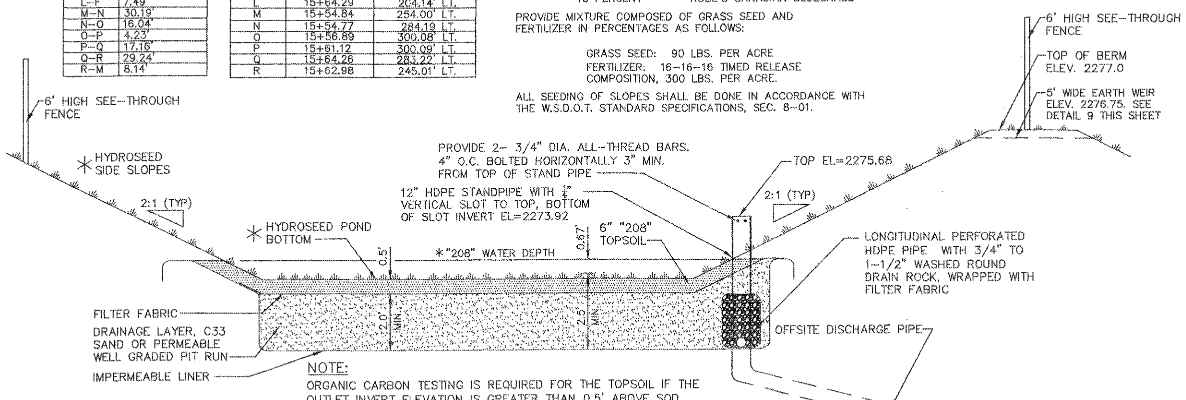


NOTE:
ORGANIC CARBON TESTING IS REQUIRED FOR THE TOPSOIL IF THE GRATE IS GREATER THAN 0.5' ABOVE SOD.

THE USE OF SILTY LOAM IS PROHIBITED AS A POND BOTTOM MATERIAL.

TYPICAL POND B, OS B1 AND OS B2 CROSS SECTION (5)

NOT TO SCALE



NOTE:
ORGANIC CARBON TESTING IS REQUIRED FOR THE TOPSOIL IF THE OUTLET INVERT ELEVATION IS GREATER THAN 0.5' ABOVE SOD.

THE USE OF SANDY LOAM IS PROHIBITED AS A POND BOTTOM MATERIAL.

TYPICAL POND C CROSS SECTION (6)

NOT TO SCALE

NAVD '88 DATUM
PROJECT TBM RR SPIKE IN POWER POLE ALONG 32ND AVENUE ELEV=2247.64

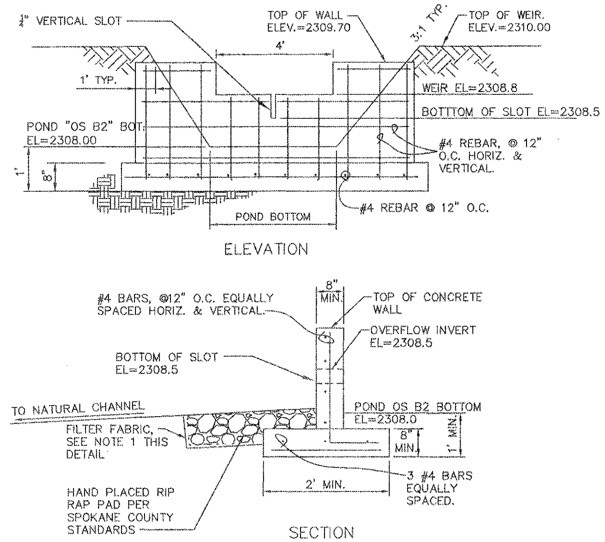
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

CAUTION: NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

GENERAL NOTES

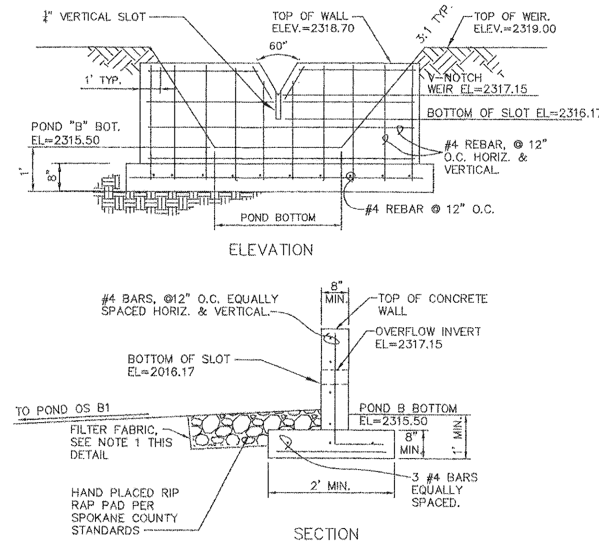
1. RIP-RAP PAD MUST BE INSTALLED WITH FILTER FABRIC (AMOCO 4545 OR EQUIVALENT) BETWEEN THE NATIVE SOIL AND THE RIP-RAP.



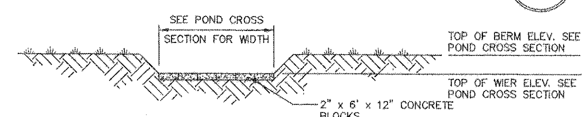
POND "OS-B2" CONCRETE OUTLET STRUCTURE DETAIL (7)

GENERAL NOTES

1. RIP-RAP PAD MUST BE INSTALLED WITH FILTER FABRIC (AMOCO 4545 OR EQUIVALENT) BETWEEN THE NATIVE SOIL AND THE RIPRAP.



POND "B" CONCRETE OUTLET STRUCTURE DETAIL (8)



OVERFLOW EARTH WEIR DETAIL (9)

* NOTE:

DUE TO THE PROPOSAL TO UTILIZE 8 INCHES VERSUS 6 INCHES OF PONDED WATER QUALITY TREATMENT DEPTH, PRIOR TO FINAL CERTIFICATION OF THESE ROAD AND DRAINAGE FACILITIES, THE WATER TREATMENT SOIL NEEDS TO BE TESTED. THE SOIL IN THE 208 TREATMENT AREA(S) MUST HAVE AN AVERAGE CATION EXCHANGE CAPACITY OF 15 MILLIEQUIVALENTS/100 GRAMS OR MUST BE A MINIMUM OF 2% ORGANIC CARBON. ONE TEST FOR CEC AND ORGANIC MATTER SHALL BE PERFORMED FOR THE FIRST 1500 S.F. OF POND BOTTOM AREA, AND AN ADDITIONAL SET OF TESTS IS REQUIRED FOR EACH ADDITIONAL 2000 S.F. OF POND BOTTOM AREA, OR FRACTION THEREOF. TESTS SHALL BE PERFORMED ON A WELL-MIXED COMPOSITE SAMPLE CONSISTING OF THE TOP SIX (6) INCHES OF SOIL FROM AT LEAST FOUR (4) CORES UNIFORMLY DISTRIBUTED OVER THE AREA BEING TESTED (I.E., FOR A 9,500 S.F. POND BOTTOM, FOUR SETS OF TESTS OR 16 CORES WOULD BE REQUIRED). NOTE THAT IF THE SOIL IS AMENDED DURING CONSTRUCTION, SOIL CEC AND ORGANIC MATTER DATA MUST BE SUBMITTED FROM THE SOIL SUPPLIER AS PART OF THE CERTIFICATION PACKAGE; IF THE SOIL TESTED POST-CONSTRUCTION, THOSE TESTS SHALL BE SUBMITTED AS PART OF THE CERTIFICATION PACKAGE.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1437C
DATE ACCEPTED: 11/15/07

DEVELOPER'S APPROVAL DATE

STREET AND STORM DRAINAGE PLANS
RIDGEMONT ESTATES NO. 3 2ND ADDITION DETAIL SHEET
SPOKANE COUNTY, WA

DATE	△	DESCRIPTION
08/27/03	-	ORIGINAL PREPARATION
11/07/03	-	SPOKANE COUNTY REVISIONS
02/06/04	-	SPOKANE COUNTY/CITY OF SPOKANE VALLEY REVISIONS
05-31-05	1	POND 'C' REVISION FOR CONSTRUCTION
05-22-06	2	POND 'B' GATE REVISION

DRAINAGE DETAILS

PROJECT #SD30103
DRAWN BY: DCJ
DESIGNED BY: BAH
CHECKED BY: MLK

P-1437C Eng As Builts

RECORD DRAWINGS

I have reviewed the constuction of this project and to my knowledge find it to be in substantial conformance with the accepted plans and Spokane County Standards except as noted.

Surveying was provided by CLC Associates.

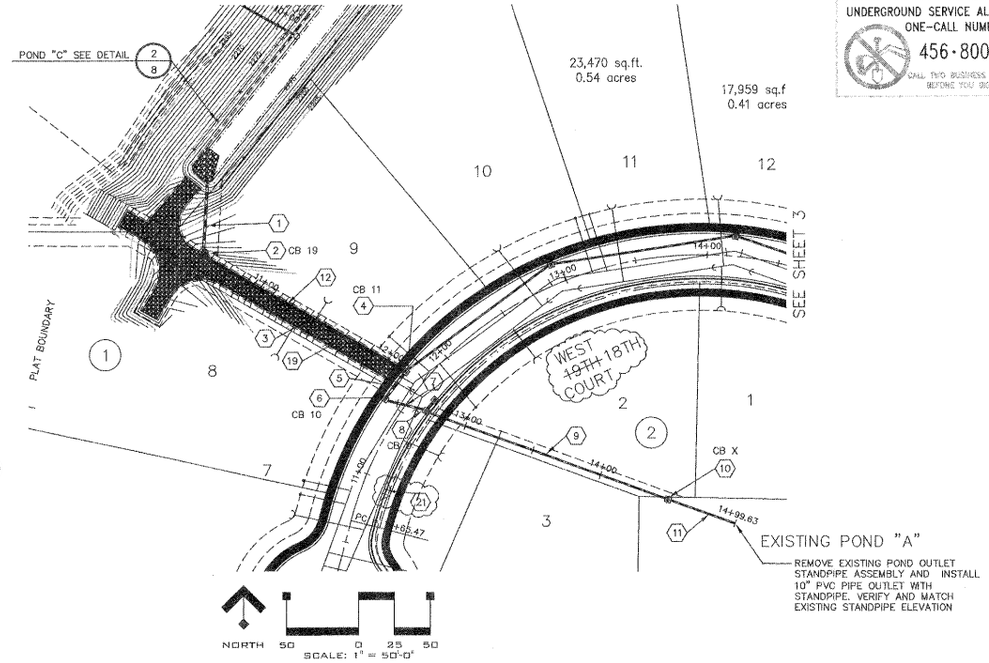
STEPHEN DEREK BAUER — STATE OF WASHINGTON — 34616 — REGISTERED PROFESSIONAL ENGINEER

Date 9/24/07

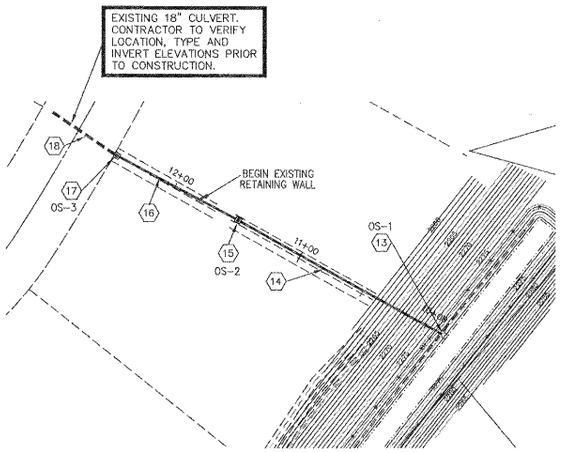
SEC. 25, T. 25 N., R. 44 E, W.M.
SPOKANE COUNTY, WASHINGTON

CONSTRUCTION NOTES

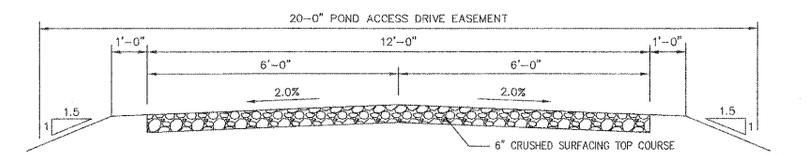
1. 52 L.F. OF 18" ADS-N-12, IE(W)=2274.00, IE(E)=2280.00, S=0.115.
2. STA. 10+51.95, TYPE I-48 MANHOLE WITH SOLID LID PER SPOKANE COUNTY STANDARD PLAN U-2. RIM ELEV=2290.00.
3. 164 L.F. OF 18" ADS-N-12, IE(W)=2281.00, IE(E)=2308.00, S=0.1643.
4. STA. 12+14.69, 16.00' LT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-13. TC ELEV=2314.10, RIM ELEV=2313.60.
5. 24 L.F. OF 18" ADS-N-12, IE(N)=2309.10, IE(S)=2308.50, S=0.0250.
6. STA. 12+39.78, 16.00 LT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-13. TC ELEV=2313.82, RIM ELEV=2313.32, NOTE: EQUATION STA. 12+39.78 FOR THIS SHEET = STA. 11+50.00 ON SHEET 3.
7. 30 L.F. OF 15" ADS-N-12, IE(W)=2309.50, IE(E)=2309.70, S=0.0067.
8. STA. 12+69.51, 16.00 RT., TYPE 1 CATCH BASIN WITH TYPE 2 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-13. TC ELEV=2314.03, RIM ELEV=2313.53.
9. 181 L.F. OF 12" PVC, IE(W)=2310.52, IE(E)=2322.00, S=0.0634.
10. STA. 14+50.00, TYPE I-48 MANHOLE WITH SOLID LID PER SPOKANE COUNTY STANDARD PLAN U-2. RIM ELEV=2333.57.
11. 50 L.F. OF 12" PVC, IE(W)=2323.00, IE(E)=2335.00, S=0.2420.
12. INSTALL CONCRETE PIPE ANCHORS AS SHOWN ON PROFILE THIS SHEET. SEE DETAIL 1, THIS SHEET.
13. STA. 9+85.37, 12" H.D.P.E. STAND PIPE. RIM ELEV=2275.68. SEE DETAIL 6 ON SHEET 7.
14. 165 L.F. (STATION LENGTH), 171' ACTUAL LENGTH OF 12" ADS-N-12, IE(SE)=2266.62, IE(NW)=2220.30, S=0.2814.
15. STA. 11+50, TYPE 1 CATCH BASIN WITH SOLID LID PER SPOKANE COUNTY STANDARD PLANS B-4 AND B-10. RIM ELEV=2224.70.
16. 96 L.F. OF 12" ADS-N-12, IE(SE)=2220.00, IE(NW)=2205.80, S=0.1486.
17. STA. 12+45.59, W.S.D.O.T. TYPE 1 CATCH BASIN WITH TYPE B METAL FRAME AND GRATE PER PREVIOUSLY SUBMITTED PLAN DATED 08/28/01. RIM ELEV=2210.00.
18. 50+/- L.F. OF EXISTING 18" CMP, DESIGN IE(SE)=2205.50, DESIGN IE(NW)=2203.70, DESIGN S=0.0360. CONTRACTOR TO FIELD VERIFY PIPE SIZE, MATERIAL AND INVERT LOCATIONS.
19. POND ACCESS DRIVE, MAXIMUM 5:1 SLOPE. SEE CROSS SECTION A THIS SHEET.
20. SEE SHEET 6 FOR TYPICAL CROSS SECTION.
21. TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARDS.



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



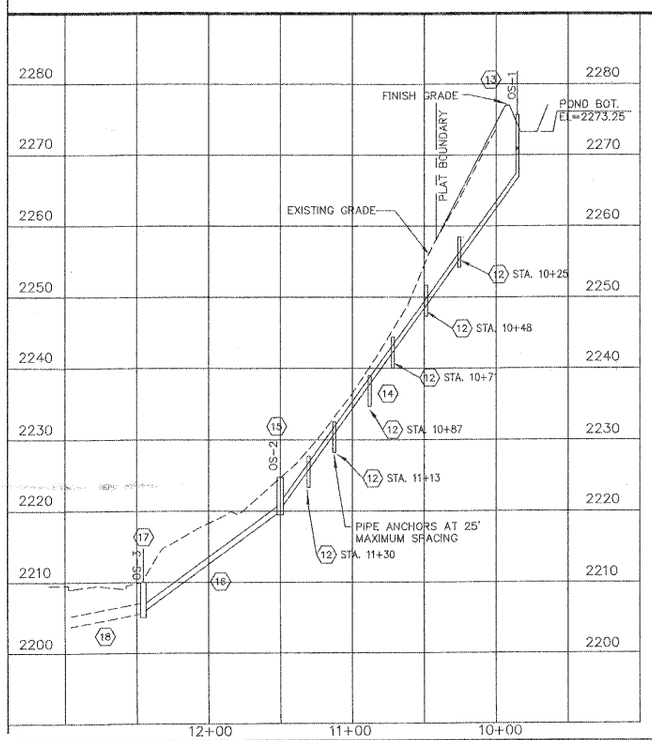
NAVD '88 DATUM
PROJECT TBM IS RR SPIKE IN POWER POLE ALONG 32ND AVENUE ELEVATION=2247.64



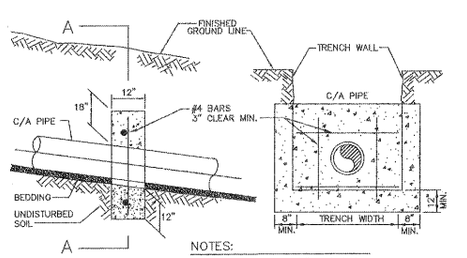
POND ACCESS DRIVE CROSS SECTION
NOT TO SCALE

A

DEVELOPER'S APPROVAL DATE



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-14370
DATE ACCEPTED: 11/15/07

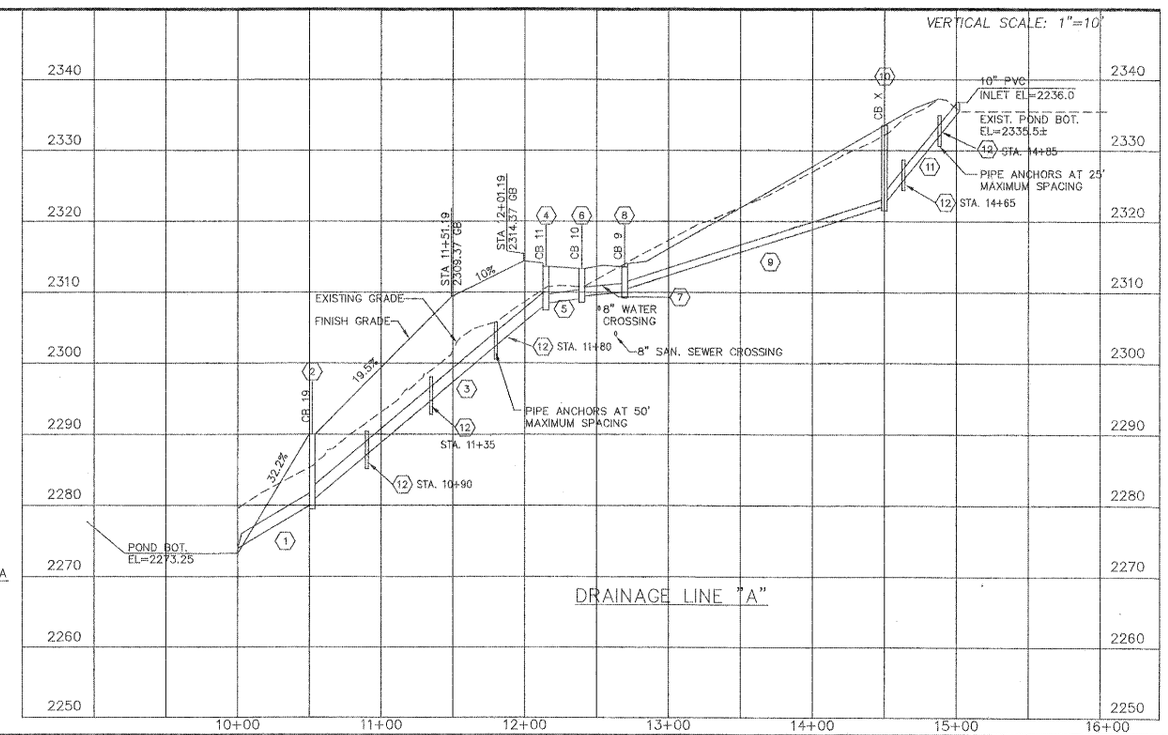


PROFILE VIEW

NOTES:
1. CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 P.S.I.
2. REINFORCEMENT BARS SHALL BE GRADE 60.
3. ANCHORS TO BE INSTALLED AT 50' MAXIMUM SPACING.

SECTION A-A

ANCHOR BLOCK PIPE SUPPORT
NOT TO SCALE



STREET PLANS
RIDGEMONT ESTATES #3
2ND ADDITION
STA. 10+00 TO STA. 14+99.63
SPOKANE COUNTY, WASHINGTON

DATE	DESCRIPTION
08/27/03	ORIGINAL PREPARATION
11/07/03	SPOKANE COUNTY REVISIONS
02/06/04	SPOKANE COUNTY/CITY OF THE SPOKANE VALLEY REVISIONS

DRAINAGE LINE "A" PLAN AND PROFILE

PROJECT #:S030103
DRAWN BY: DDJ
DESIGNED BY: BAH
CHECKED BY: MLK

P-14370 Eng As Builts