COVER SHEET FOR

VISTA PLACE 1ST ADDITION - WOODLAND ESTATES

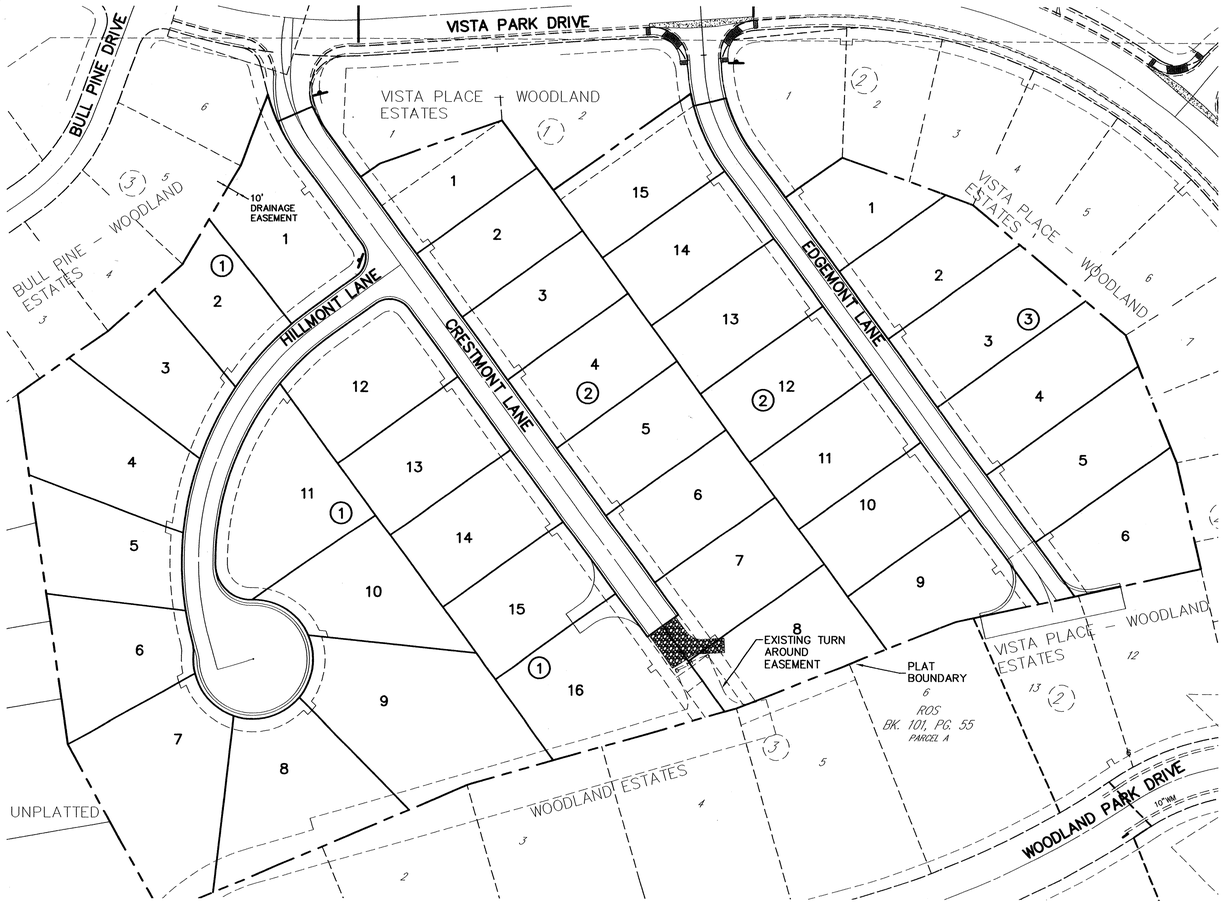
STREET AND STORM DRAINAGE PLANS

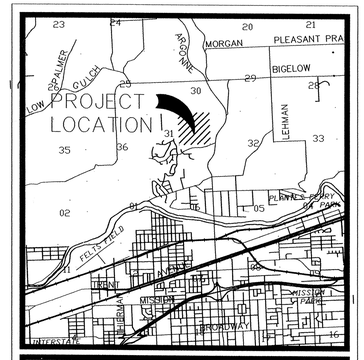
SEC. 31, T. 26 N., R. 44 E, W.M.

SPOKANE COUNTY, WASHINGTON

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1729N
DATE ACCEPTED: 2/11/08

NORTH 60 0 30 60
SCALE: 1" = 60'





VICINITY MAP

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, TODD R. WHIPPLE, P.E., @ 458-6840, THE SITE/PROJECT INSPECTING ENGINEER OR HIS REPRESENTATIVE, S.T.I., PAUL NELSON, P.E., @ 534-9711 AND THE SPOKANE COUNTY ENGINEER'S OFFICE, CONSTRUCTION ENGINEER, @ 477-3600.

6. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC, "AMOCO" 4545 OR APPROVED EQUIVALENT, PER SPOKANE COUNTY STANDARD DETAIL B-1A REVISED AS OF JUNE 6, 2003.

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. NO QUANTITIES HAVE BEEN CALCULATED TO DETERMINE VOLUMES OF EXCAVATION AND EMBANKMENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE OR DISPOSE OF ALL EMBANKMENT AND/OR EXCAVATED MATERIALS.

12. 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.

LEGEND

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

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HILLMONT LANE STA. 10+00 TO STA. 14+08.61	SHEET 3
EDGEMONT LANE STA. 10+00 TO STA. 16+05.41	SHEET 4
STREET DETAILS	SHEET 5
STORM DRAINAGE DETAILS	SHEET 6

STORM DRAINAGE 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 DRAWING IRRIGATION PLANS UPON COMPLETION OF ALL POND CONSTRUCTION.

5. INSTALL "AMOCO" #4545 FILTER FABRIC (OR APPROVED EQUAL) IN ALL DRYWELLS. SEE SPOKANE COUNTY STANDARDS (2001 EDITION) SHEET B-1a REVISED AS OF JUNE 6, 2003 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.

9. SOIL TESTS ARE REQUIRED IN POND A FOR WATER QUALITY TREATMENT DEPTHS OF 8". WHERE SOIL TESTS ARE REQUIRED, ONE (1) TEST EACH FOR CATION EXCHANGE AND SOIL ORGANIC MATTER SHALL BE PERFORMED FOR EACH GRASSED PERCOLATION AREA OF 1500 S.F. OR LESS. AN ADDITIONAL SET OF TESTS MAY BE REQUIRED FOR EACH ADDITIONAL 2,000 S.F. 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 PERCOLATION AREA. IF THE AVERAGE CATION EXCHANGE CAPACITY IF 15 MILLEQUIVALENTS/100 G. OR MORE OR THE SOIL IS 2% ORGANIC CARBON OR MORE, THE SOIL WILL BE CONSIDERED SUITABLE FOR STORMWATER TREATMENT.

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 ARE TO BE IRRIGATED WITH TORO POP-UP

LAWN AREAS: HEADS OR EQUIVALENT. (TEST SYSTEM BEFORE BACKFILLING). AFTER INSTALLATION, ADJUST VALVES, HEADS, EMITTERS,

ADJUSTMENT: 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.

NAVD'88 DATUM
ESTABLISHED ON-SITE BY GPS
SURVEY PERFORMED 11/21/00
BASED ON WSDOT MONUMENT
GP 32290-143 AND GP 33290-147

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.

ROBERT R. GALLINGER
STATE OF WASHINGTON
16377
REGISTERED
PROFESSIONAL ENGINEER
2-8-08
EXPIRES 6/28/08

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

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 2/5/08

P-1729N Eng As Built

CLC ASSOCIATES
707 WEST 7TH AVENUE
SUITE 200
SPOKANE
WASHINGTON 99204
P 509 458 6840
F 509 458 6844
CLCASSOC.COM

ARCHITECTURE
ENGINEERING PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

STREET AND STORM DRAINAGE PLANS
VISTA PLACE 1ST ADDITION - WOODLAND ESTATES
COVER SHEET
SPOKANE COUNTY, WA

JOHN FRANK SAYWERS
STATE OF WASHINGTON
36212
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES 5/18/

PREPARED UNDER THE DIRECT SUPERVISION OF JOHN FRANK SAYWERS WASHINGTON REGISTRATION NO. 36212 FOR AND ON BEHALF OF CLC ASSOCIATES

DATE	DESCRIPTION
04/09/03	ORIGINAL PREPARATION
12/10/03	SECOND SUBMITTAL
01/26/04	FINAL SUBMITTAL
02/08/08	RECORD DRAWING

COVER SHEET

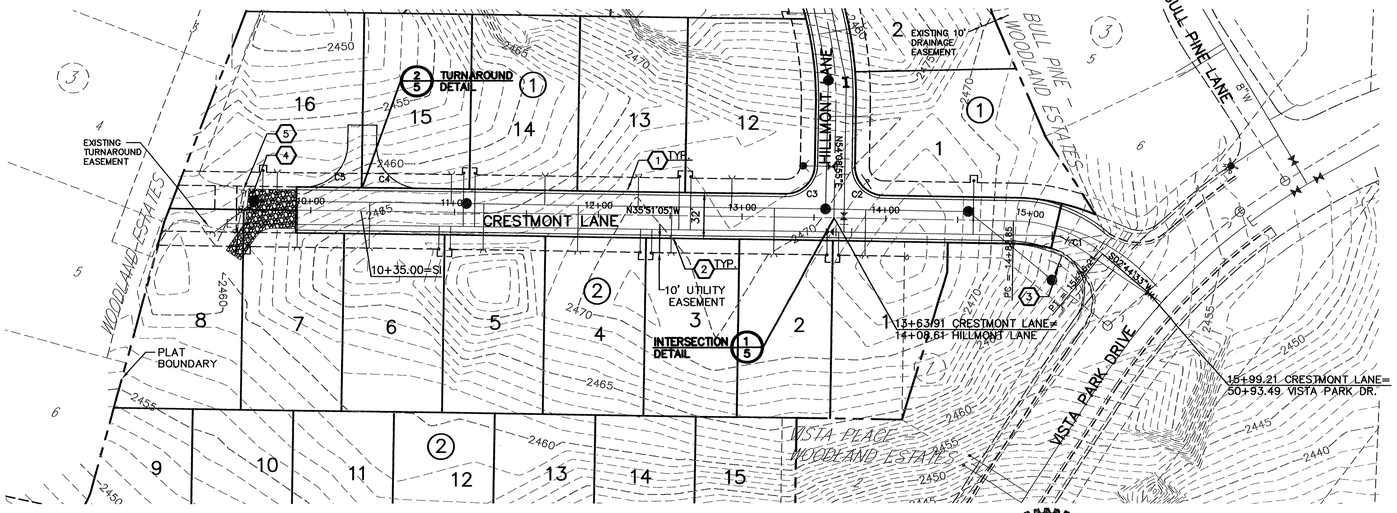
PROJECT #S030076
DRAWN BY: JCR
DESIGNED BY: AKF
CHECKED BY: JFS

1 OF 6

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

SECTION 31, T.26 N., R44 E., W.M.
SPOKANE COUNTY, WASHINGTON

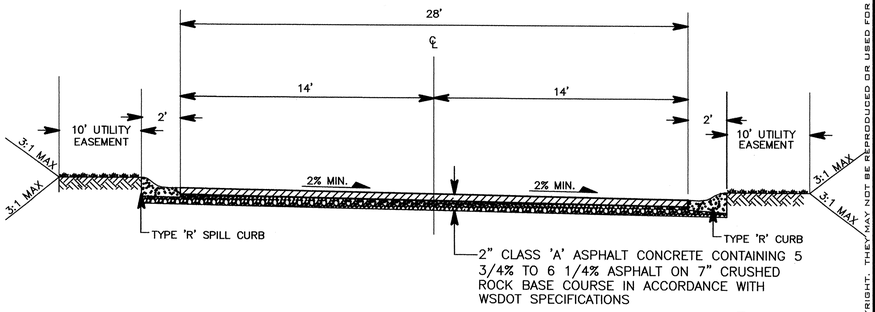
SCALE: 1" = 50'-0"



CONSTRUCTION NOTES

1. TYPE 'R' SPILL CURB PER SPOKANE COUNTY STANDARD DETAIL A-3.
2. TYPE 'R' CATCH CURB PER SPOKANE COUNTY STANDARD DETAIL A-3.
3. STREET AND STOP SIGN PER MUTCD AND SPOKANE COUNTY STANDARD PLAN A-16.
4. CONSTRUCT 20' WIDE PRIVATE DRIVE WITH 6" THICK GRAVEL BASE.
5. 6' HIGH CHAINLINK GATE.

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	67.36	100.00	35.01	66.09	38°35'37"
C2	31.42	20.00	20.00	28.28	90°00'00"
C3	31.42	20.00	20.00	28.28	90°00'00"
C4	47.12	30.00	30.00	42.43	90°00'00"
C5	47.12	30.00	30.00	42.43	90°00'00"



CRESTMONT LANE

NOT TO SCALE
10+00-14+50
14+50 – TRANSITION TO MATCH EXISTING PAVEMENT

2

NAVD 88 DATUM
ESTABLISHED ON-SITE BY GPS SURVEY PERFORMED 11/21/00 BASED ON WSDOT MONUMENTS GP32290-143 AND GP33290-147

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

CAUTION: NOTICE TO CONTRACTOR

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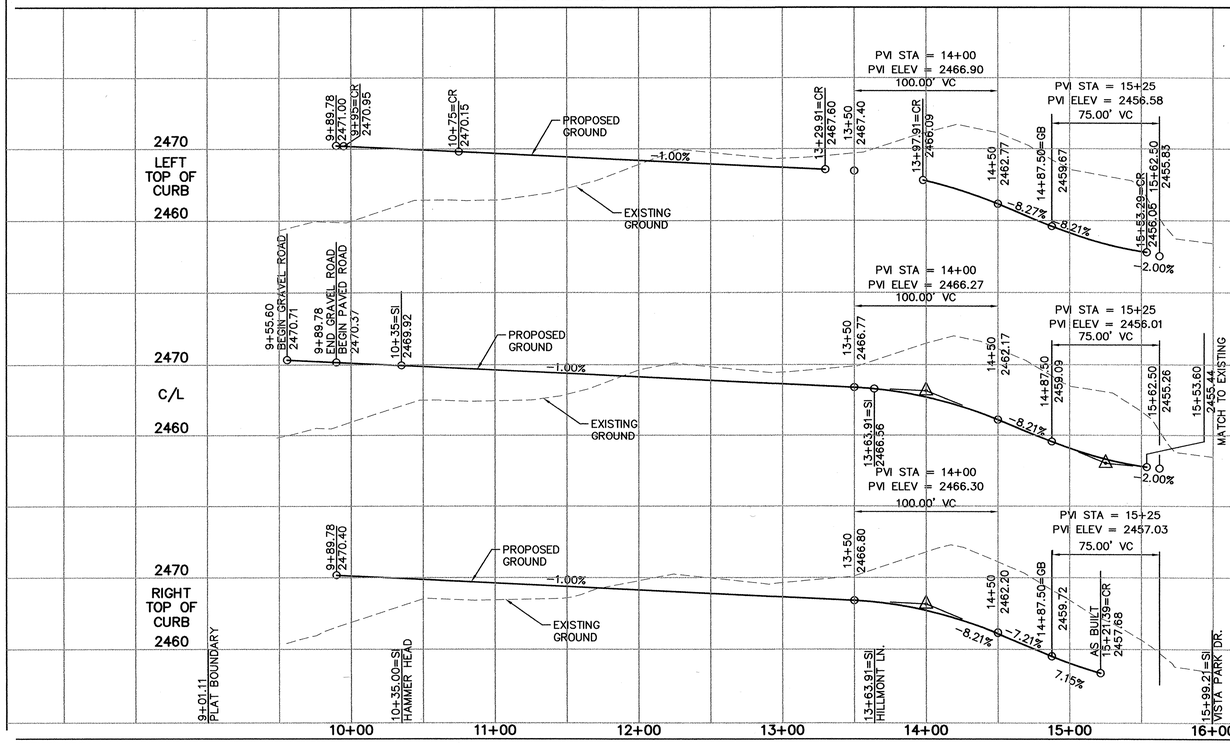
CADE R. GALLINGER — STATE OF WASHINGTON — 46177 — REGISTERED PROFESSIONAL ENGINEER
2-8-08
EXPIRES 6/28/08

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

DEVELOPER'S APPROVAL — 2/8/08 DATE

VERTICAL SCALE: 1"=10'



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-17299
DATE ACCEPTED: 2/11/08

CLC ASSOCIATES
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F 509 458 6844
CLCASSOC.COM
ARCHITECTURE
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LANDSCAPE ARCHITECTURE
LAND SURVEYING

STREET IMPROVEMENT PLANS
VISTA PLACE 1ST ADDITION-WOODLAND ESTATES
CRESTMONT LANE STA 10+00 TO STA 15+99.21
SPOKANE COUNTY, WA

JOHN FRANK SAYWERS — STATE OF WASHINGTON — 36212 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 5/18/

PREPARED UNDER THE DIRECT SUPERVISION OF JOHN FRANK SAYWERS WASHINGTON REGISTRATION NO. 36212 FOR AND ON BEHALF OF CLC ASSOCIATES

DATE	DESCRIPTION
04/11/03	ORIGINAL PREPARATION
12/10/03	SECOND SUBMITTAL
01/26/04	FINAL SUBMITTAL
02-08-08	RECORD DRAWING

PROJECT #:S030076
DRAWN BY: JCR
DESIGNED BY: AKF
CHECKED BY: JFS

CRESTMONT LANE P & P SHEET

2 OF 6

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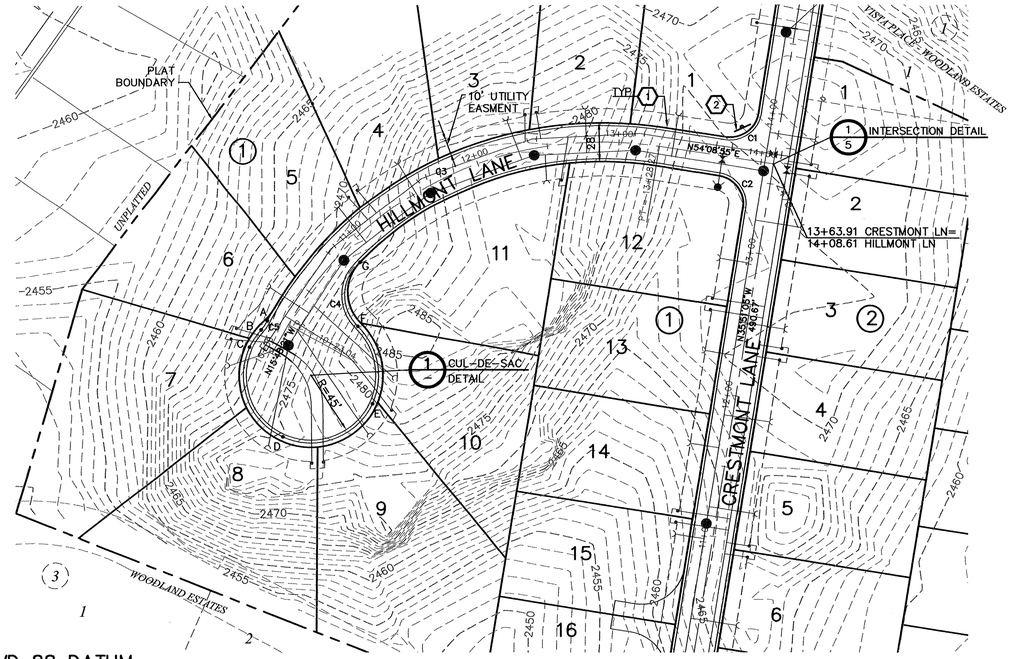
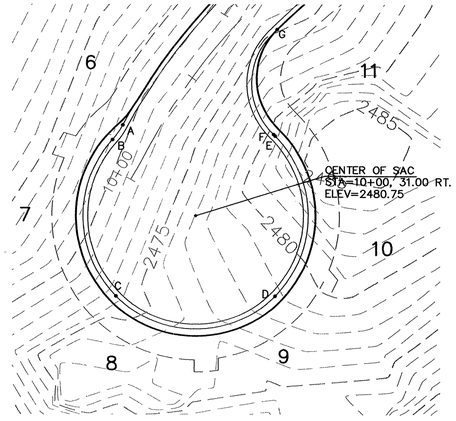
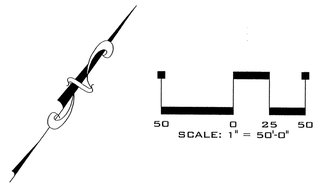
P-17299 Eng As Built

SECTION 31, T.26 N., R44 E., W.M.
SPOKANE COUNTY, WASHINGTON





HILLMONT CUL DE SAC
1"=30'



CONSTRUCTION NOTES

1. TYPE 'R' CURB AND GUTTER PER SPOKANE COUNTY STANDARD PLAN A-3 (TYPICAL).
2. STREET SIGN PER MUTCD AND SPOKANE COUNTY STANDARD PLAN A-16.

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	31.42	20.00	20.00	28.28	90°00'00"
C2	31.42	20.00	20.00	28.28	90°00'00"
C3	305.23	250.00	174.90	286.63	69°57'16"
C4	47.00	30.00	29.88	42.34	89°46'15"
C5	7.49	30.00	3.76	7.47	14°18'01"

NAVD 88 DATUM
ESTABLISHED ON-SITE BY GPS SURVEY PERFORMED 11/21/00 BASED ON WSDOT MONUMENTS GP32290-143 AND GP33290-147

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BABE R. GALLINGER — STATE OF WASHINGTON — 10377 — REGISTERED PROFESSIONAL ENGINEER — 2-8-08
EXPIRES 6/28/08

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1729N
DATE ACCEPTED: 2/11/08

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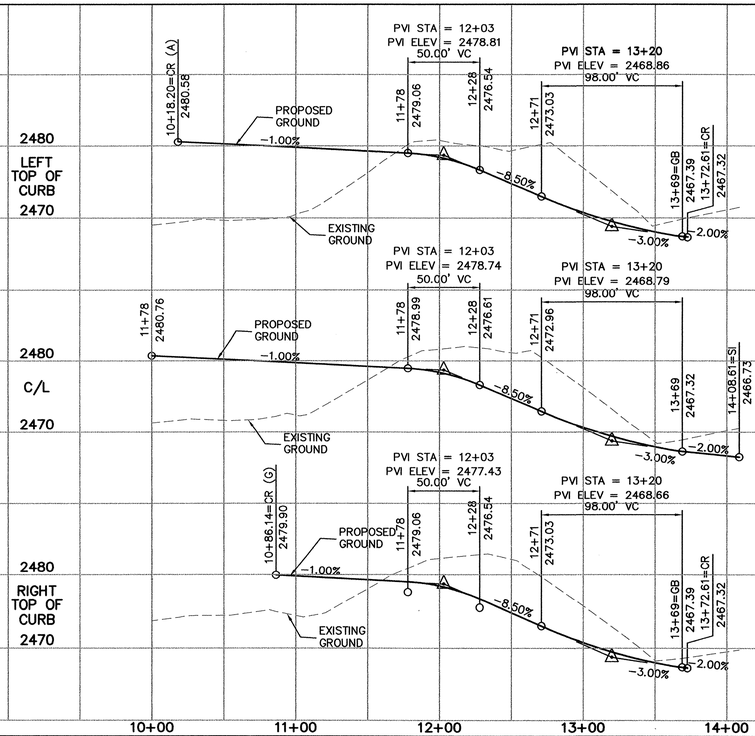
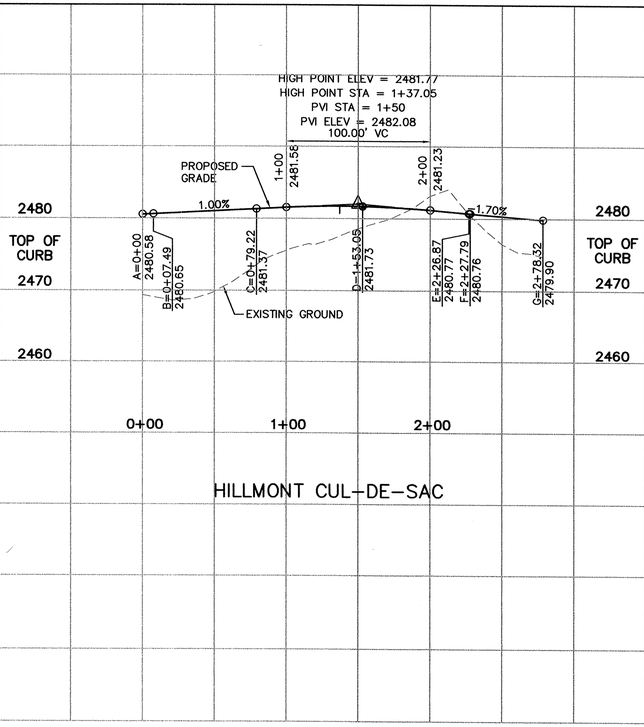
DEVELOPER'S APPROVAL — DATE 2/8/08

VERTICAL SCALE: 1"=10'





HILLMONT CUL-DE-SAC

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VISTA PLACE 1ST ADDITION-WOODLAND ESTATES
HILLMONT LANE PLAN AND PROFILE
STA. 10+00 TO STA. 14+08.61
SPOKANE COUNTY, WA

JOHN FRANK SAWYERS — STATE OF WASHINGTON — 36212 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 5/18/

PREPARED UNDER THE DIRECT SUPERVISION OF JOHN FRANK SAWYERS WASHINGTON REGISTRATION NO. 36212 FOR AND ON BEHALF OF CLC ASSOCIATES

DATE	DESCRIPTION
04/09/03	ORIGINAL PREPARATION
12/10/03	SECOND SUBMITTAL
01/26/04	FINAL SUBMITTAL
02/08/08	RECORD DRAWING
. .	. .

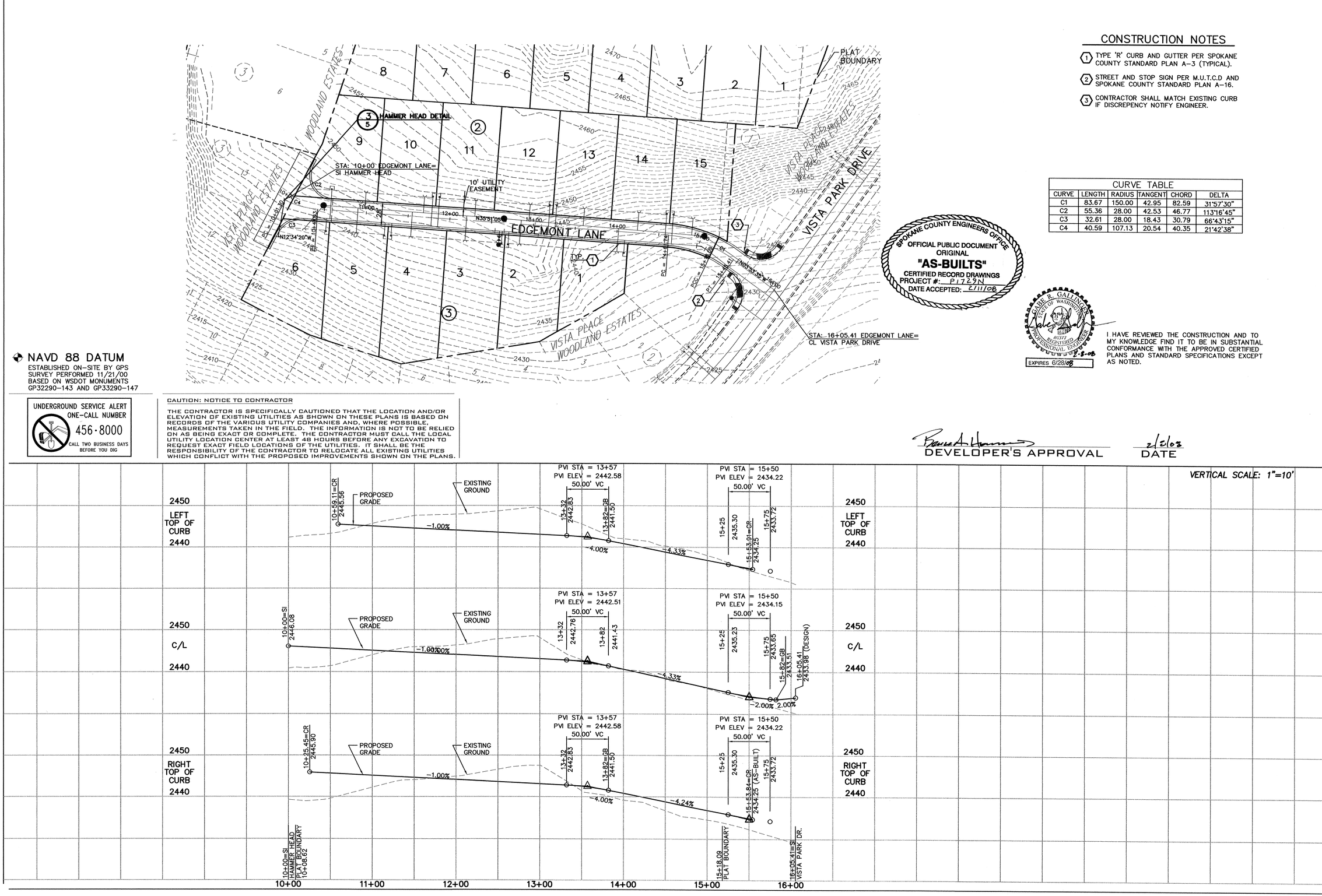
PROJECT #:S0300076
DRAWN BY: JCR
DESIGNED BY: AKF
CHECKED BY: JFS

HILLMONT LANE P & P SHEET

3 OF 6

P-1729N Eng As Builts

SECTION 31, T.26 N., R44 E., W.M.
SPOKANE COUNTY, WASHINGTON



CONSTRUCTION NOTES

1. TYPE 'R' CURB AND GUTTER PER SPOKANE COUNTY STANDARD PLAN A-3 (TYPICAL).
2. STREET AND STOP SIGN PER M.U.T.C.D AND SPOKANE COUNTY STANDARD PLAN A-16.
3. CONTRACTOR SHALL MATCH EXISTING CURB IF DISCREPENCY NOTIFY ENGINEER.

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	83.67	150.00	42.95	82.59	31°57'30"
C2	55.36	28.00	42.53	46.77	113°16'45"
C3	32.61	28.00	18.43	30.79	66°43'15"
C4	40.59	107.13	20.54	40.35	21°42'38"

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1729N
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JEANE R. GALLINATI
STATE OF WASHINGTON
40377
REGISTERED
PROFESSIONAL ENGINEER
2-8-08
EXPIRES 6/28/08

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

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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.

Bruce A. Hammes
DEVELOPER'S APPROVAL

2/26/08
DATE

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STREET IMPROVEMENT PLANS
VISTA PLACE 1ST ADDITION-WOODLAND ESTATES
EDGEMONT LANE PLAN AND PROFILE
STA. 10+00 TO STA. 16+05.41
SPOKANE COUNTY, WA

JOHN FRANK SAYWERS
STATE OF WASHINGTON
36212
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES 5/18/

PREPARED UNDER THE DIRECT SUPERVISION OF JOHN FRANK SAYWERS WASHINGTON REGISTRATION NO. 36212 FOR AND ON BEHALF OF CLC ASSOCIATES

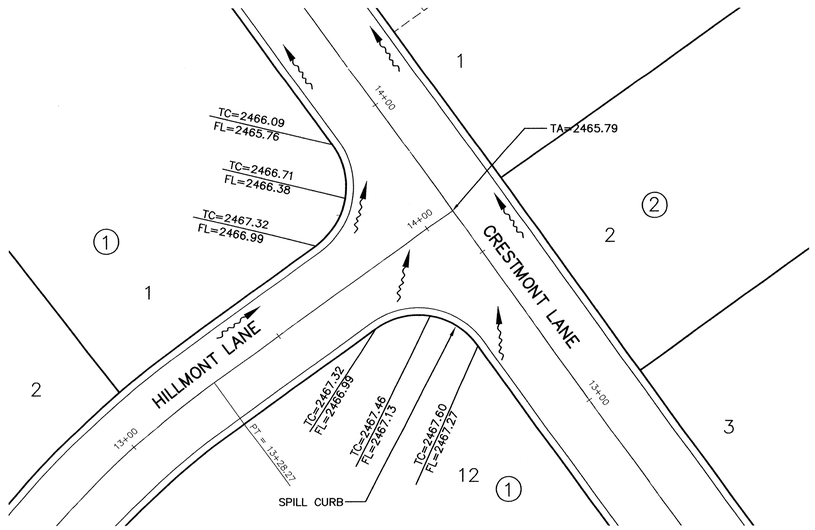
DATE	DESCRIPTION
04/09/03	PRELIM PREPARATION
12/10/03	SECOND SUBMITTAL
01/26/04	FINAL SUBMITTAL
02/08/08	RECORD DRAWING

EDGEMONT LANE P & P SHEET

PROJECT #:S030076
DRAWN BY: JCR
DESIGNED BY: AKF
CHECKED BY: JFS

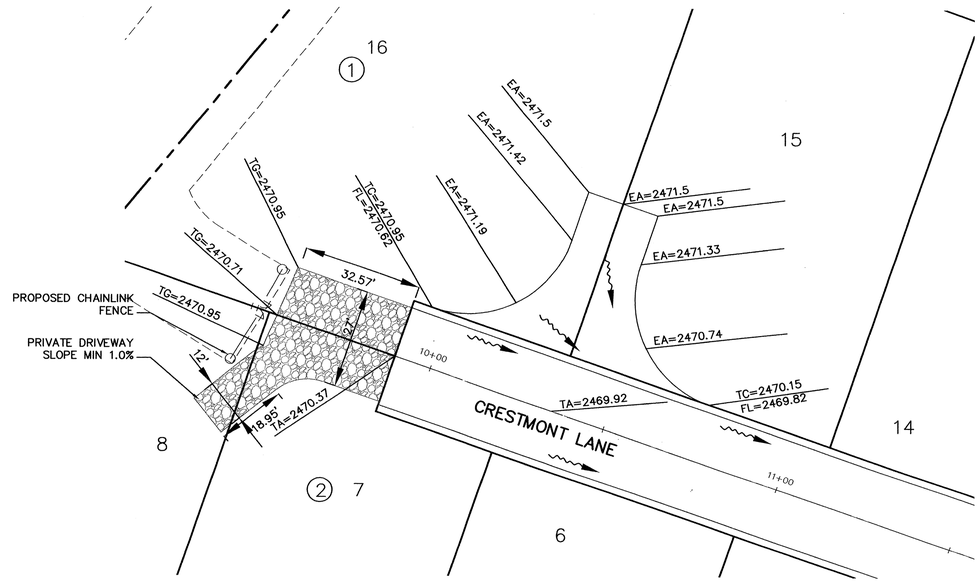
P-1729N Eng As Built

SECTION 31, T.26 N., R44 E., W.M.
SPOKANE COUNTY, WASHINGTON



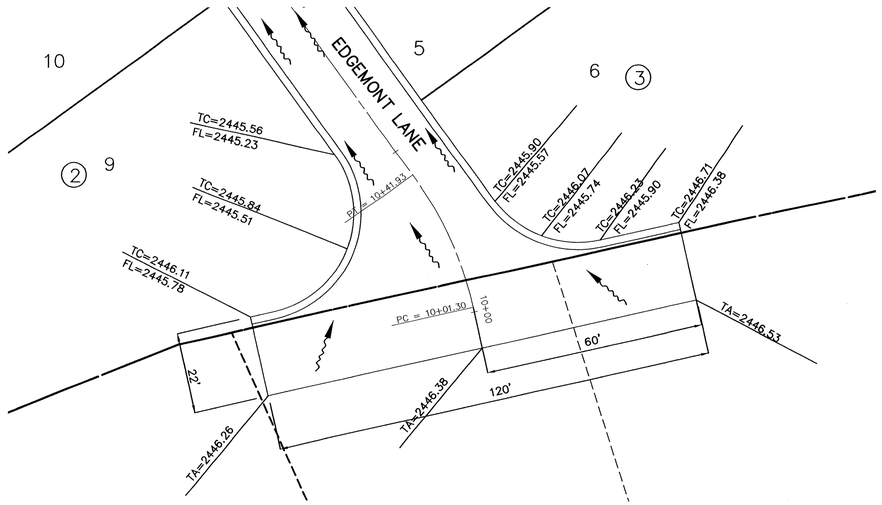
INTERSECTION DETAIL 1
1"=20'

NORTH



NORTH

TURN AROUND DETAIL 2
1"=20'



NAVD 88 DATUM
ESTABLISHED ON-SITE BY GPS
SURVEY PERFORMED 11/21/00
BASED ON WSDOT MONUMENTS
GP32290-143 AND GP33290-147

NORTH

TURN AROUND DETAIL 3
1"=20'

UNDERGROUND SERVICE ALERT
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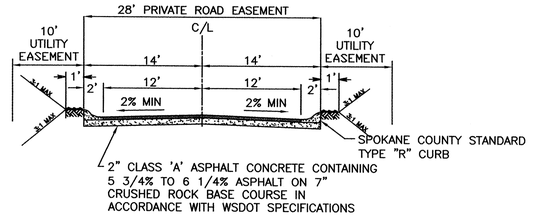
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P 1729 N
DATE ACCEPTED: 2/11/08



EDGEMONT LANE AND HILLMONT LANE 4
NOT TO SCALE

CABE R. GALLAGHER
STATE OF WASHINGTON
40377
REGISTERED
PROFESSIONAL ENGINEER
1-8-08
EXPIRES 6/28/08

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

DEVELOPER'S APPROVAL — DATE 2/8/08

P-1729 N
Eng As Built

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STREET AND STORM DRAINAGE PLANS
VISTA PLACE- 1 ST ADDITION-
WOODLAND ESTATES
STREET DETAILS
SPOKANE, WA

JOHN FRANK SAYWERS
STATE OF WASHINGTON
36212
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES 5/18/

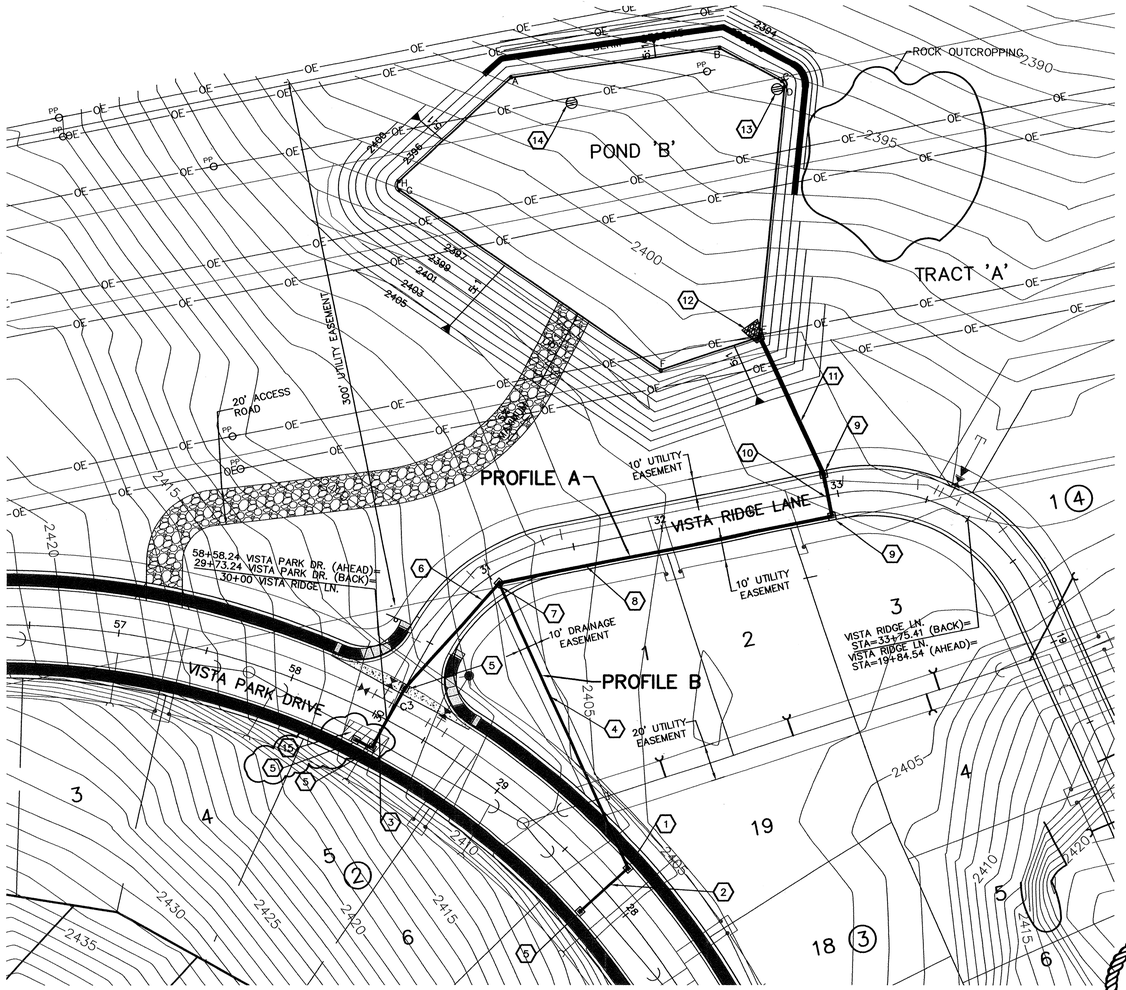
PREPARED UNDER THE DIRECT SUPERVISION OF JOHN F. SAYWERS
WASHINGTON REGISTRATION NO. 36212
FOR AND ON BEHALF OF CLC ASSOCIATES

DATE	DESCRIPTION
07/01/03	ORIGINAL PREPARATION
12/10/03	SECOND SUBMITTAL
01/26/04	FINAL SUBMITTAL
02/08/08	RECORD DRAWING

STREET DETAILS

PROJECT #:S030076
DRAWN BY: AKF
DESIGNED BY: AKF
CHECKED BY: JFS

SEC. 31, T.26 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

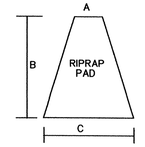


CONSTRUCTION NOTES

1. CONCRETE INLET TYPE 2 PER SPOKANE COUNTY STD. PLAN B-6, WITH TYPE 2 METAL FRAME WITH TYPE 3 GRATE PER SPOKANE COUNTY STD. PLAN B-11 AND B-14.
2. 39 L.F. OF 12" CPEP S=0.0077 FT/FT IE(W)=2404.20, IE(E)=2403.90.
3. 40 L.F. OF 15" CPEP S=0.0200 FT/FT IE(S)=2406.70, IE(N)=2405.90.
4. 176 L.F. OF 15" CPEP S=0.0063 FT/FT IE(S)=2403.70, IE(N)=2402.60.
5. W.S.D.O.T. GRATE INLET TYPE 2 PER W.S.D.O.T. STANDARD PLANS B-4C. SEE DETAIL 2 THIS SHEET.
6. 78 L.F. OF 15" CPEP S=0.0394 FT/FT IE(W)=2405.70, IE(E)=2402.60.
7. CONCRETE INLET TYPE 2 PER SPOKANE COUNTY STD. PLAN B-6, WITH TYPE 2 METAL FRAME WITH SOLID LID PER SPOKANE COUNTY STD. PLAN B-16.
8. 189 L.F. OF 18" CPEP S=0.0233 FT/FT IE(W)=2402.40, IE(E)=2398.00.
9. CONCRETE INLET TYPE 2 PER SPOKANE COUNTY STD. PLAN B-6, WITH TYPE 2 METAL FRAME AND HOOD AND TYPE 3 GRATE PER SPOKANE COUNTY STD. PLANS B-11 AND B-14. PROVIDE CURB TRANSITION PER, GUTTER INLET DETAIL B SHEET 2.
10. 24 L.F. OF 18" CPEP S=0.0688 FT/FT IE(S)=2397.90, IE(N)=2396.25.
11. 84 L.F. OF 24" CPEP S=0.0071 FT/FT IE(S)=2395.85, IE(N)=2395.25.
12. RIPRAP OUTFALL: 1' THICKNESS, 11" MINIMUM STONE SIZE. SEE DETAIL 5, THIS SHEET FOR DIMENSIONS.
13. TYPE "B" DRYWELL W/ TYPE 4 METAL FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLAN B-15. VISTA RIDGE LANE STA 33+02.45, 230.91' LT., RIM ELEV=2395.25.
14. TYPE "B" DRYWELL W/ TYPE 4 METAL FRAME AND SOLID LID PER SPOKANE COUNTY STANDARD PLAN B-15. VISTA RIDGE LANE STA 31+97.27, 244.76' LT., RIM ELEV=2395.25.
15. CONTRACTOR SHALL SAWCUT, PATCH, AND REMOVE AND REPLACE CURB AS NECESSARY.

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

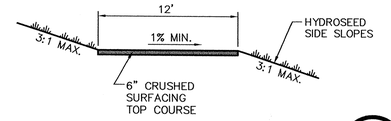
GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40' ft.



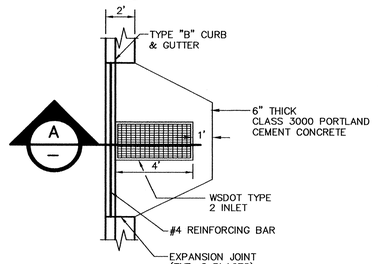
RIPRAP PAD DIMENSIONS			
	A	B	C
POND 'B'	6'	25'	16'

PLAN VIEW– RIPRAP PAD 5
NOT TO SCALE

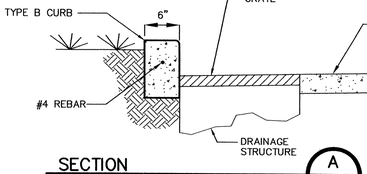
NOTE:
RIPRAP PAD MUST BE INSTALLED WITH FILTER FABRIC (AMOCO OR EQUAL) BETWEEN THE NATIVE SOIL AND THE WASHED DRAIN ROCK.



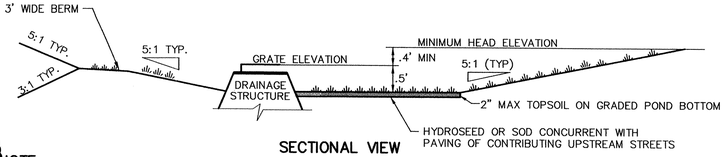
GRAVEL ACCESS ROAD 4
NOT TO SCALE



GRATE INLET APRON DETAIL 2
NOT TO SCALE



SECTION A
NOT TO SCALE



SECTIONAL VIEW

NOTE:
1. PROVIDE FILTER FABRIC (AMOCO 4545 OR EQUAL) BETWEEN THE NATIVE SOIL AND THE WASHED DRAIN ROCK AND BETWEEN THE WASHED DRAIN ROCK AND THE DRYWELL BARREL.
2. SANDY LOAM IS PROHIBITED AS A POND BOTTOM MATERIAL.

TYPICAL '208' POND WITH DRAINAGE STRUCTURE – POND B 3
NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1729N
DATE ACCEPTED: 2/11/08

POND 'B'

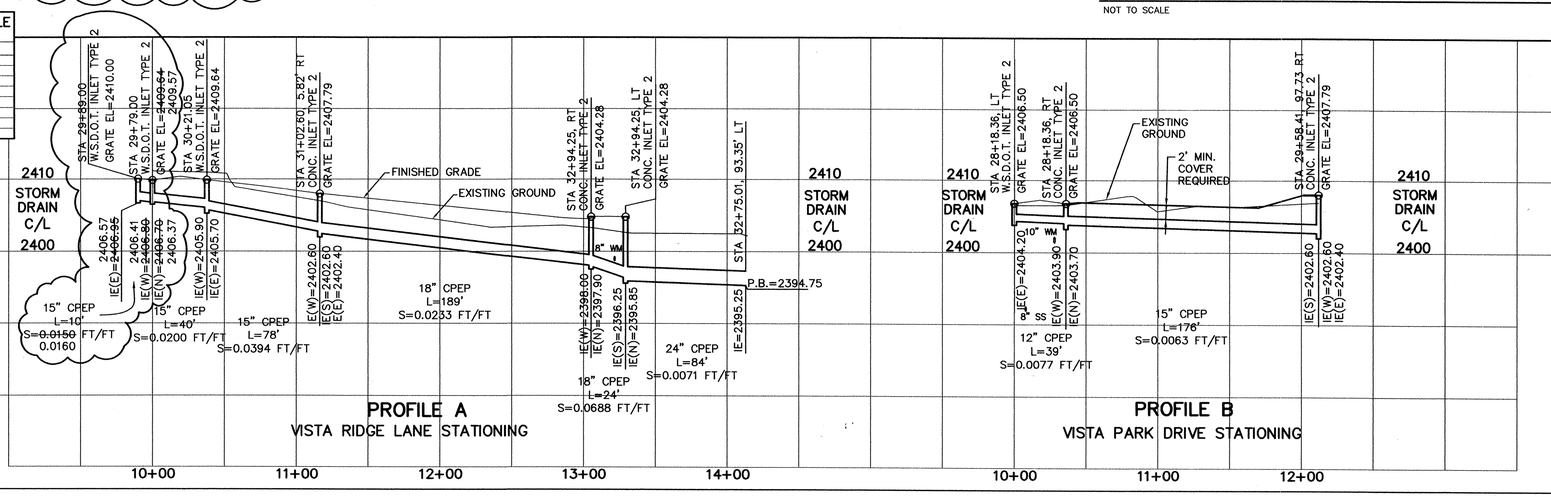
SCALE: 1"=40'
POND BOTTOM ELEV = 2394.75
POND BOTTOM AREA = 25,505 SQ FT
PERIMETER = 627 FT

MINIMUM TOP OF BERM = 2397.00
REQUIRED '208' VOLUME = 7,799 CF
PROVIDED '208' VOLUME = 12,753 CF (6" DEPTH)

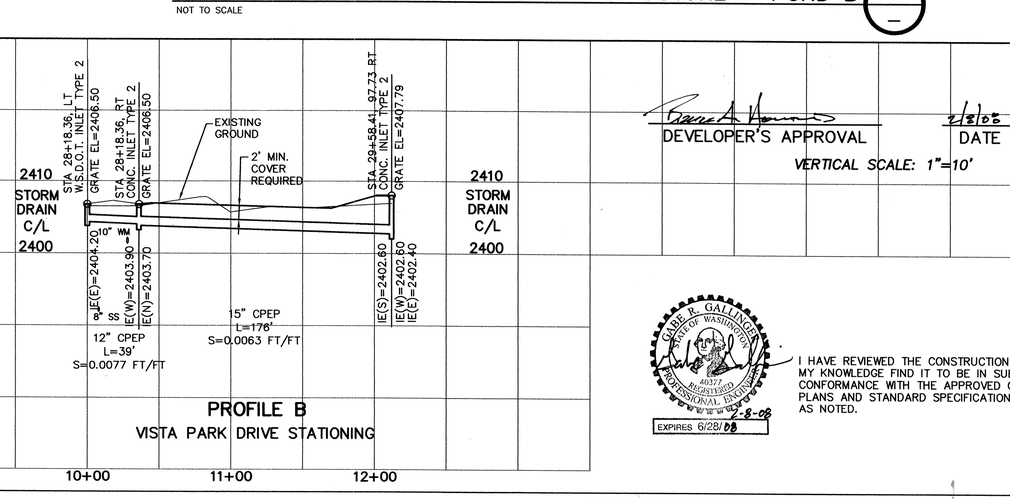
POND 'B' 1

POND B BOTTOM LOCATION TABLE (VISTA RIDGE LN. STATION & OFFSET)		
POINT	STATION	OFFSET
A	31+67.15	265.33' LT.
B	32+84.10	259.06' LT.
C	33+03.44	234.23' LT.
D	33+03.77	230.97' LT.
E	32+74.02	95.67' LT.
F	32+16.79	87.65' LT.
G	31+24.75	218.77' LT.
H	31+25.13	223.28' LT.

POND B BOTTOM DIMENSION TABLE	
POINTS	LENGTH
A–B	117.1'
B–C	39.5'
C–D	3.5', 3' RAD.
D–E	141.2'
E–F	57.8'
F–G	177.4'
G–H	5.3', 3' RAD.
H–A	85.5'



PROFILE A
VISTA RIDGE LANE STATIONING



PROFILE B
VISTA PARK DRIVE STATIONING

NAVD 88 DATUM
ESTABLISHED ON–SITE BY GPS
SURVEY PERFORMED 11/21/00
BASED ON WSDOT MONUMENTS
GP 32290–143 AND GP 33290–147

Dave A. Hammes
DEVELOPER'S APPROVAL
2/8/08
DATE

VERTICAL SCALE: 1"=10'

GABE R. GALLINGER
STATE OF WASHINGTON
40377
REGISTERED PROFESSIONAL ENGINEER
2-8-08
EXPIRES 6/28/08

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DATE	DESCRIPTION
04/09/03	ORIGINAL PREPARATION
02/08/08	RECORD DRAWING

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STA. 10+00 TO STA. 16+05.41
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JOHN FRANK SAYWERS
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36212
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 5/18/04
PREPARED UNDER THE DIRECT SUPERVISION OF JOHN FRANK SAYWERS WASHINGTON REGISTRATION NO. 36212 FOR AND ON BEHALF OF CLC ASSOCIATES

STORM DRAINAGE DETAILS

PROJECT #:S030076
DRAWN BY: JGR
DESIGNED BY: AKF
CHECKED BY: JFS

6 OF 6

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P.1729N
Eng As Builts