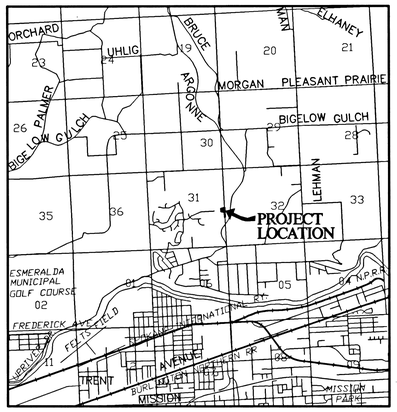
COVER SHEET FOR

COLTON COURT

STREET AND DRAINAGE PLANS

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

SPOKANE COUNTY, WASHINGTON



VICINITY MAP

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

NORTH

30 0 15 30
SCALE: 1" = 30'-0"

GENERAL NOTES

1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED SITE WORK STANDARDS AND THE STANDARDS AND SPECIFICATIONS SET FORTH IN SPOKANE COUNTY REGULATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK WITHIN PUBLIC R.O.W. OR EASEMENTS SHALL BE INSPECTED AND APPROVED BY THE SPOKANE COUNTY INSPECTOR. INSPECTION SERVICES AND CONSTRUCTION CERTIFICATION TO BE PROVIDED BY ENGINEER OF RECORD.

2. 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 UPON 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. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT THE CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE SPOKANE COUNTY INSPECTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITY, OR CONSTRUCTION ON ANY AND ALL PUBLIC IMPROVEMENTS.

4. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE SPOKANE COUNTY AND ALL UTILITY COMPANIES INVOLVED WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.

5. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS, AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB, ON-SITE AT ALL TIMES.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.

7. IF, DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED BY THE CONTRACTOR, HIS SUBCONTRACTORS, OR OTHER AFFECTED PARTIES, WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.

8. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.

9. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH M.U.T.C.D. TO THE APPROPRIATE RIGHT-OF-WAY AUTHORITY SPOKANE COUNTY , FOR APPROVAL, PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN, OR AFFECTING, THE RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY THE CONSTRUCTION ACTIVITIES.

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

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING RECORD INFORMATION ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE, AND AVAILABLE TO THE SPOKANE COUNTY INSPECTOR AT ALL TIMES.

13. DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. IF PERTINENT DIMENSIONS ARE NOT SHOWN, CONTACT THE CONSULTANT ENGINEER FOR CLARIFICATION, AND ANNOTATE THE DIMENSION ON THE RECORD DRAWINGS.

14. ALL STRUCTURAL EROSION CONTROL MEASURES SHALL BE INSTALLED, AT THE LIMITS OF CONSTRUCTION, PRIOR TO ANY OTHER GROUND-DISTURBING ACTIVITY. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR, UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREAS ARE STABILIZED WITH HARD SURFACE OR LANDSCAPING.

15. THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF WATER LINES AND DRY UTILITIES.

16. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE SPOKANE COUNTY ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.

17. THE CONTRACTOR SHALL SUBMIT A PHASING PLAN FOR ALL WORK IN PUBLIC ROADS AND R.O.W.'S TO THE SPOKANE COUNTY BEFORE BEGINNING ANY WORK ON THESE ROADS. CONTRACTOR SHALL BEGIN WORK ONLY AFTER THE SPOKANE COUNTY APPROVES THE PHASING PLAN, AND A PRECONSTRUCTION MEETING IS HELD BETWEEN THE SPOKANE COUNTY THE ENGINEER AND THE CONTRACTOR.

18. ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTH MOVING EQUIPMENT, CONSTRUCTION EQUIPMENT AND ANY OTHER ASSOCIATED EQUIPMENT SHALL GENERALLY BE LIMITED TO THE PERIOD BETWEEN 6:00 A.M. AND 10:00 P.M. EVERYDAY UNLESS OTHERWISE APPROVED BY THE SPOKANE COUNTY .

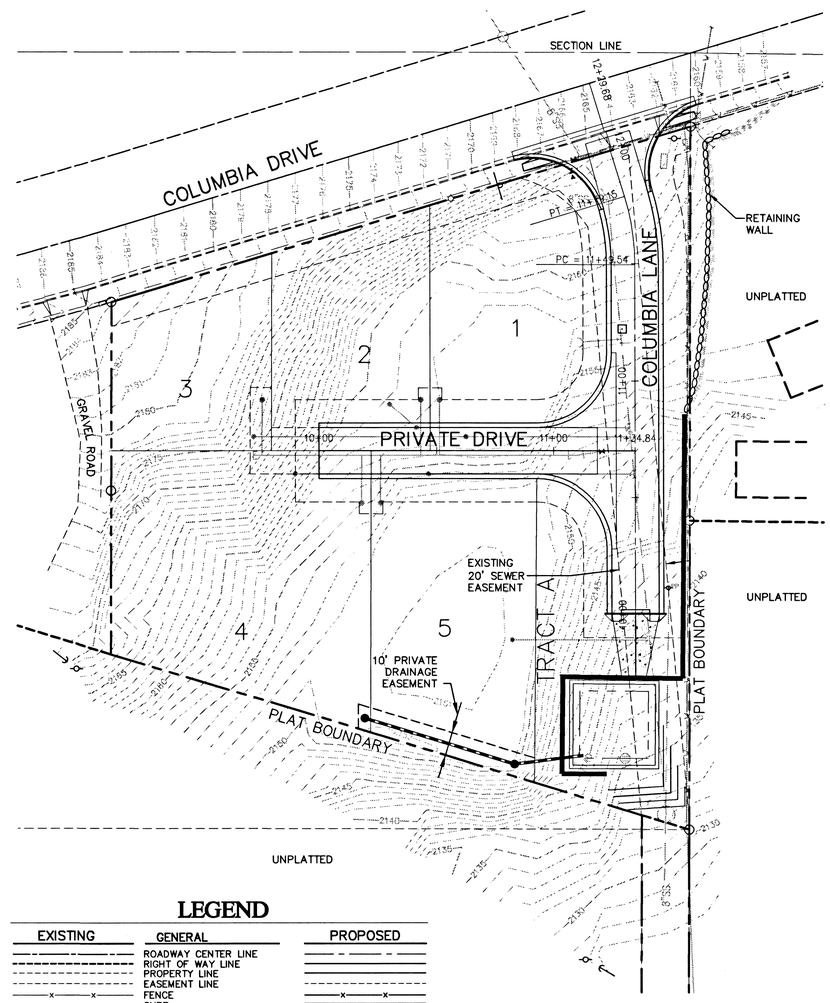
19. BASED ON A REQUIREMENT FROM A LOCAL JURISDICTION THE ENGINEER OR HIS DESIGNEE SHALL PERFORM MATERIALS TESTING AND QUALITY CONTROL ON THE PROJECT AND SHALL SUBMIT COPIES OF DAILY REPORTS, TEST REPORTS, PROJECT CERTIFICATION AND RECORD DRAWINGS TO THE SPOKANE COUNTY ENGINEER.

20. NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE SPOKANE COUNTY ENGINEER AND NOTIFICATION OF THE ENGINEER OF RECORD.

21. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL UTILITY RELOCATIONS CONSISTENT WITH THE CONTRACTORS SCHEDULE FOR THIS PROJECT, WHETHER SHOWN OR NOT SHOWN, AS IT RELATES TO THE CONSTRUCTION ACTIVITIES CONTEMPLATED IN THESE PLANS.

NAVD 88

A RAILROAD SPIKE IN THE NORTHWEST FACE OF A POWER POLE SOUTH OF COLUMBIA DRIVE NEAR THE WEST LINE OF THE PLAT. ELEVATION = 2185.06 FEET.



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	
	PROPOSED PAVEMENT	
	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	
MH	DRAINAGE LINE	
	MANHOLE	MH
DW	DRYWELL	DW
CB	CATCH BASIN	CB
	DITCH	

STREET NOTES

1. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" LATEST EDITION, 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. 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.
4. 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.
5. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000, BEFORE YOU DIG.
6. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THEY SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER, CLC ASSOCIATES, TODD WHIPPLE ● 458-6840, AND THE SPOKANE COUNTY ENGINEER'S OFFICE ● 477-3600.
7. 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 DETAILS B-1 AND B-1A.
8. 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. IN THE EVENT THAT SILT OR OTHER DELETERIOUS MATERIAL IS ALLOWED TO ENTER A DRYWELL OR CATCH BASIN, THE CONTRACTOR WILL BE REQUIRED TO CLEAN THE DRYWELL OR CATCH BASIN 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. ALL CURB INLETS ARE TO HAVE A 2" DEPRESSION PER FIGURE 48, PAGE 6-84 OF THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT. ALL GUTTER INLETS SHALL BE CONSTRUCTED PER STANDARD DETAIL B-18.
11. 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 THE CONSTRUCTION ACTIVITY. CLEANING SHALL BE ON AN "AS NEEDED" BASIS USING WATER UNDER PRESSURE. SWEEPING AND WATER SHALL BE USED WHEN WATER PRESSURE ALONE WILL NOT WASH THE CONSTRUCTION DEBRIS FROM THE STREET.
12. FOR ANY CURB GRADE LESS THAN 0.8% (0.0080 FT/FT), A WASHINGTON STATE PROFESSIONAL LAND SURVEYOR SHALL VERIFY THAT THE CURB FORMS ARE AT THE GRADES NOTED ON THE APPROVED PLANS, PRIOR TO PLACEMENT OF CURB CONCRETE. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND COORDINATING WORK WITH THE PROFESSIONAL LAND SURVEYOR.
13. THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO VERIFY THAT THE CROSS-GUTTER FORMS ARE AT THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT. THE CROSS-GUTTER SHALL BE CONSTRUCTED PRIOR TO PAVING, AND THE PAVEMENT SHALL THEN MATCH THE EDGE OF THE CONCRETE GUTTER.
14. THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE AND THE SIDESTEPS 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 AND PRIOR TO FINAL ACCEPTANCE. THE SWALE FLOOR MATERIAL SHALL BE INSTALLED TO A NATIVE SOIL STRATUM WHICH ALSO MEETS OR EXCEED THIS MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR.
15. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED, INSTALLED OR CONSTRUCTED, UNLESS SPECIFICALLY NOTED OTHERWISE.
16. ALL STORM DRAIN PIPES TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1909
DATE ACCEPTED: 01-08-04
ACCEPTANCE EXPIRES: 01-08-06
PROJECT LANE MILES PUBLIC: N/A
PROJECT LANE MILES PRIVATE: .29
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

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.

Gary Gunning
DEVELOPER'S APPROVAL

12/23/03
DATE

P-1909 Eng Road Drainage

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

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

STREET PLANS
COLTON COURT
COVER SHEET
SPOKANE COUNTY, WASHINGTON

TODD R. WHIPPLE STATE OF WASHINGTON 25462 REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/2004

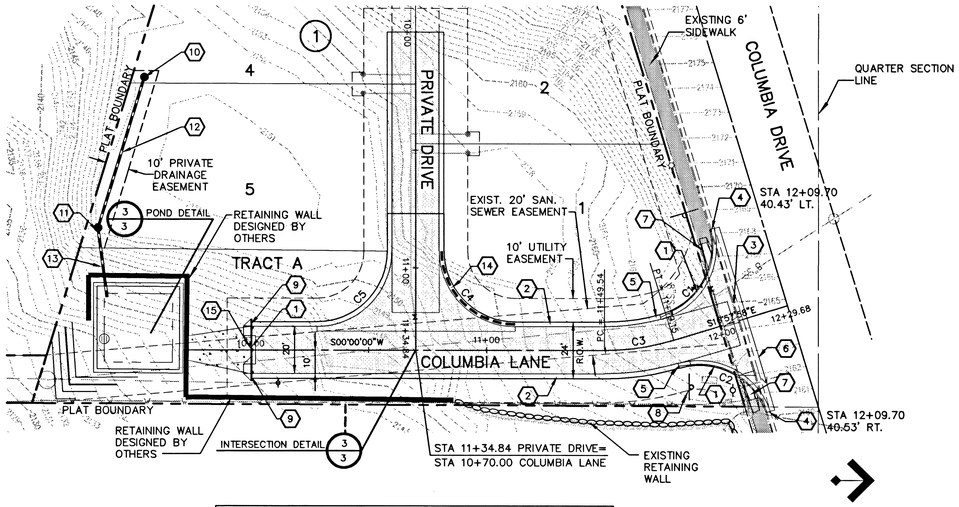
PREPARED UNDER THE DIRECT SUPERVISION OF TODD R. WHIPPLE, P.E. WASHINGTON REGISTRATION NO. 25462 FOR AND ON BEHALF OF CLC ASSOCIATES

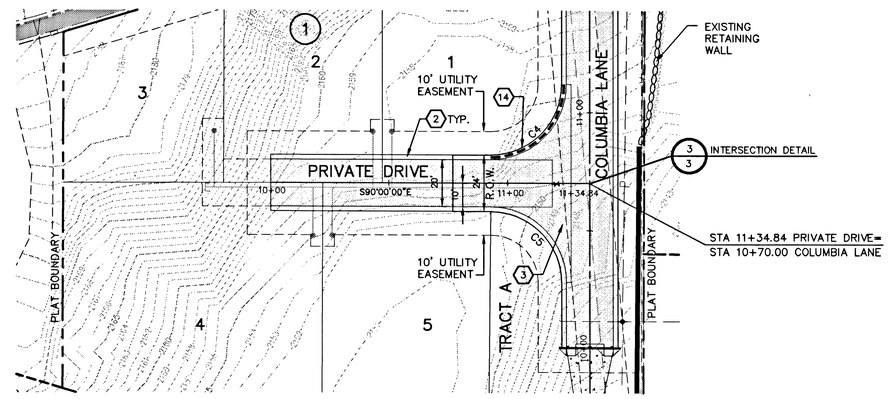
△	DATE	DESCRIPTION
1	11/06/03	FIRST SUBMITTAL
2	12/16/03	FINAL SUBMITTAL

COVER SHEET

PROJECT #: S020215
DRAWN BY: LDR
DESIGNED BY: AKF
CHECKED BY: TRW

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





**FOR LEGEND SEE COVER SHEET

CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	30.00'	46.43'	29.31	41.93'	88°40'05"
C2	30.00'	45.42'	28.34	41.20'	86°44'45"
C3	100.00'	29.61'	14.91	29.50'	16°57'58"
C4	30.00'	47.12'	30.00	42.43'	90°00'00"
C5	30.00'	47.12'	30.00	42.43'	90°00'00"

NAVD 88
A RAILROAD SPIKE IN THE NORTHWEST FACE OF A POWER POLE SOUTH OF COLUMBIA DRIVE NEAR THE WEST LINE OF THE PLAT. ELEVATION = 2185.06 FEET.

30 0 15 30
SCALE: 1" = 30'-0"

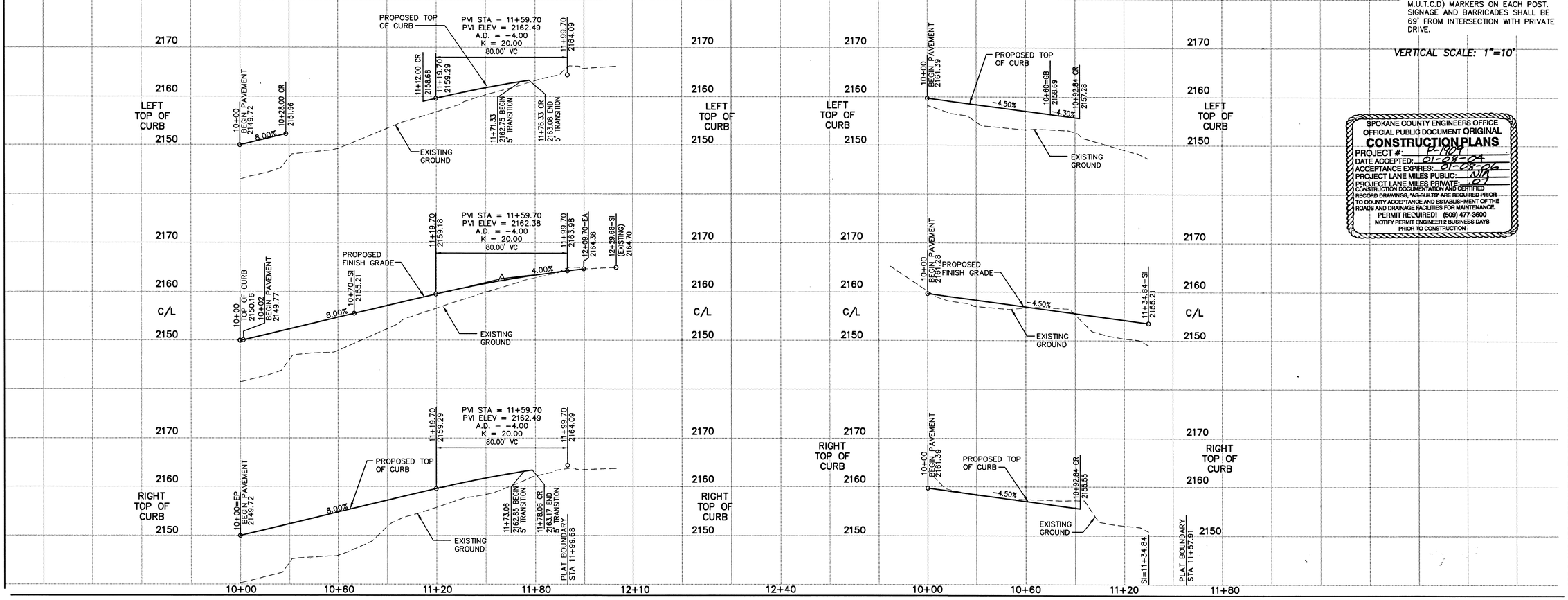
DEVELOPER'S APPROVAL — DATE 12/23/03

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

CONSTRUCTION NOTES

1. TYPE B CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
2. TYPE R CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
3. CONCRETE CROSS GUTTER TYPE 1 PER SPOKANE COUNTY STANDARD PLAN B-18. SEE SHEET 3, DETAIL 4.
4. SAWCUT AND REMOVE EXISTING CURB AND GUTTER. TACK COAT EDGE PRIOR TO PAVING
5. CURB TRANSITION. SEE DETAIL 2 SHEET 3.
6. SAWCUT AND REMOVE EXISTING PAVEMENT AND SIDEWALK TO INSTALL CROSS GUTTER.
7. INSTALL CURB RAMPS PER SPOKANE COUNTY STANDARD DETAIL A-5.
8. PROVIDE AND INSTALL STREET NAME AND STOP SIGN PER SPOKANE COUNTY AND STANDARDS M.U.T.C.D STANDARDS.
9. CURB INLET TYPE 1 PER SPOKANE COUNTY STANDARD PLAN B8, TC=2150.00.
10. 8" NYLOPLAST INLINE DRAIN OR EQUAL BY ADVANCED DRAINAGE SYSTEMS. RIM=2151.50.
11. 8" NYLOPLAST INLINE DRAIN OR EQUAL BY ADVANCED DRAINAGE SYSTEMS. RIM=2150.50.
12. 6" PVC, L=67 LF, IE(W)=2146.30, IE(E)=2139.60.
13. 6" PVC, L=30 LF, IE(W)=2139.50, IE(E)=2136.50.
14. SPILL CURB PER DETAIL 8 SHEET 3.
15. INSTALL END OF ROAD SIGNAGE. SIGNAGE SHALL CONSIST OF (3) SIGN POSTS WITH (3) OM4-1 (PER M.U.T.C.D) MARKERS ON EACH POST. SIGNAGE AND BARRICADES SHALL BE 69' FROM INTERSECTION WITH PRIVATE DRIVE.

VERTICAL SCALE: 1"=10'



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: E-1004
DATE ACCEPTED: 01-08-04
ACCEPTANCE EXPIRES: 01-08-06
PROJECT LANE MILES PUBLIC: N/A
PROJECT LANE MILES PRIVATE: 0.07
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

CLC ASSOCIATES
707 WEST 7TH AVENUE
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WASHINGTON 99204
P 509 458 6840
F 509 458 6844
CLCASSOC.COM
ARCHITECTURE
ENGINEERING PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

STREET PLANS
COLTON COURT
COLUMBIA LANE
SPOKANE COUNTY, WASHINGTON

TODD R. WHIPPLE, STATE OF WASHINGTON, 25462, REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/2004

PREPARED UNDER THE DIRECT SUPERVISION OF TODD R. WHIPPLE, P.E. WASHINGTON REGISTRATION NO. 25462 FOR AND ON BEHALF OF CLC ASSOCIATES

DATE	DESCRIPTION
11/06/03	FIRST SUBMITTAL
12/16/03	SECOND SUBMITTAL

COLUMBIA LANE AND PRIVATE DRIVE PLAN AND PROFILES

PROJECT #: 8020215
DRAWN BY: DCJ
DESIGNED BY: AKF
CHECKED BY: TRW

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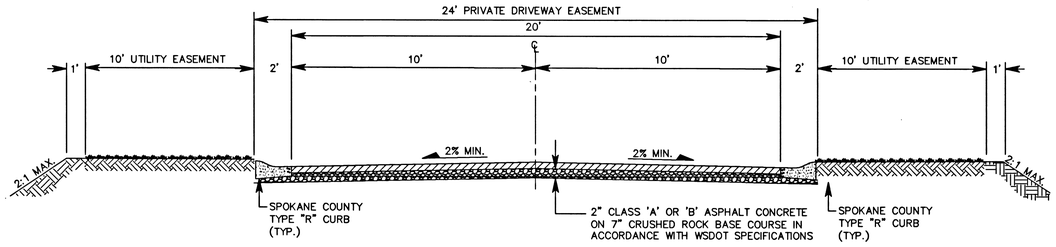
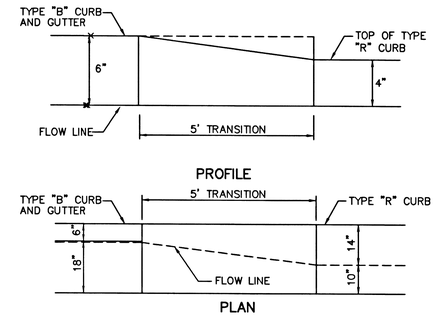
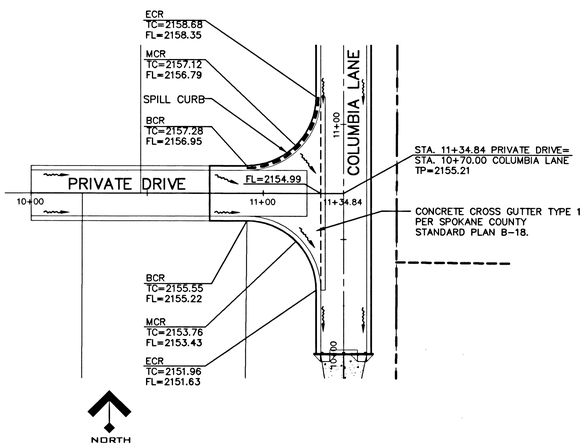


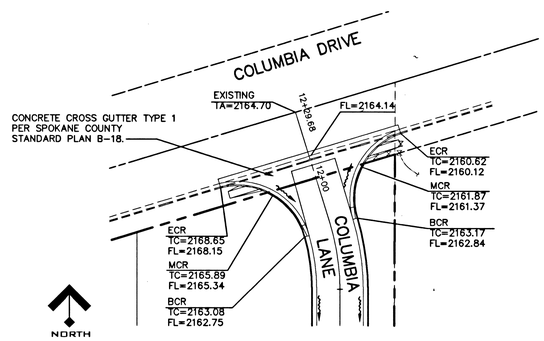
COLUMBIA LANE SECTION (PRIVATE ROAD) — 1
NOT TO SCALE



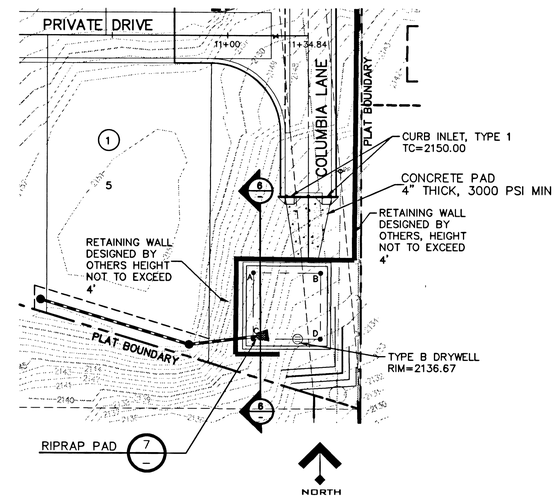
"B" TO "R" CURB TRANSITION DETAIL — 2
NOT TO SCALE



PRIVATE ROAD INTERSECTION DETAIL — 3
SCALE: 1"=30'



COLUMBIA LANE INTERSECTION DETAIL — 4
SCALE: 1"=30'



POND DETAIL — 5
SCALE: 1"=30'

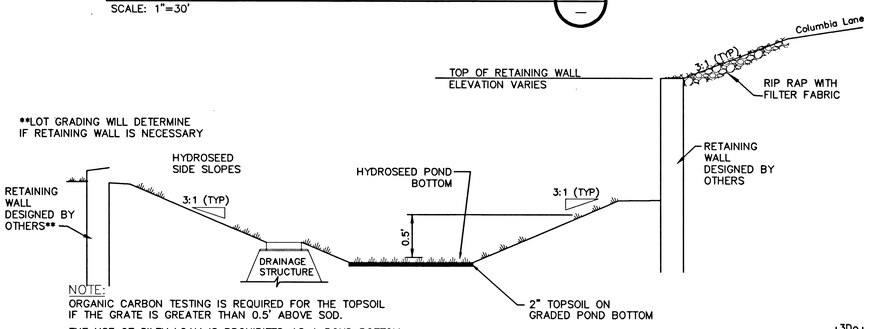
POND BOTTOM ELEV = 2136.00
POND BOTTOM AREA = 836.21 S.F.
PERIMETER = 115.67 L.F.

TOP OF BERM = 2137.00
'208' VOLUME PROVIDED = 560 C.F.

POND BOTTOM DIMENSION TABLE	
POINTS	LENGTH
A–B	29.12'
A–C	28.82'
C–D	29.08'
B–D	28.65'

POND BOTTOM LOCATION TABLE (PRIVATE ROAD STATION & OFFSET)		
POINT	STATION	OFFSET
A	11+11.07	102.87' RT.
B	11+40.19	103.04' RT.
C	11+10.90	131.69' RT.
D	11+39.99	131.69' RT.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1909
DATE ACCEPTED: 01-08-04
ACCEPTANCE EXPIRES: 01-08-06
PROJECT LANE MILES PUBLIC: N/A
PROJECT LANE MILES PRIVATE: .07
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

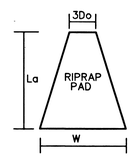


NOTE:
ORGANIC CARBON TESTING IS REQUIRED FOR THE TOPSOIL IF THE GRATE IS GREATER THAN 0.5' ABOVE SOD.

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

SECTIONAL VIEW

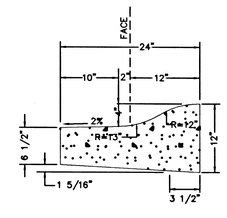
TYPICAL POND CROSS SECTION — 6
NOT TO SCALE



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

RIPRAP PAD DIMENSIONS					
POND	3Do	La	W	STONE SIZE	THICK.
1	3'	5'	5'	3" MIN.	1'

TYPICAL RIPRAP PAD — 7
NOT TO SCALE



TYPE "R" SPILL CURB — 8
NOT TO SCALE

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	REUBENS 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 WSDOT STANDARD SPECIFICATIONS, SEC. 8-01.

Gary Gunning
DEVELOPER'S APPROVAL

12/23/03
DATE

NAVD 88
A RAILROAD SPIKE IN THE NORTHWEST FACE OF A POWER POLE SOUTH OF COLUMBIA DRIVE NEAR THE WEST LINE OF THE PLAT. ELEVATION = 2185.06 FEET.

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

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

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ENGINEERING PLANNING
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STREET PLANS
COLTON COURT
COLUMBIA LANE
SPOKANE COUNTY, WASHINGTON

TODD R. WHIPPLE STATE OF WASHINGTON #25462 REGISTERED PROFESSIONAL ENGINEER
1-7-04
EXPIRES 9/24/2004

PREPARED UNDER THE DIRECT SUPERVISION OF TODD R. WHIPPLE, P.E., WASHINGTON REGISTRATION NO. 25462 FOR AND ON BEHALF OF CLC ASSOCIATES

DATE	DESCRIPTION
11/06/03	FIRST SUBMITTAL

STREET/STORM DETAILS

PROJECT #: S020215
DRAWN BY: DCJ
DESIGNED BY: AKF
CHECKED BY: TRW

P-1909 Eng Road Drainage