

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 AND 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 WASHED DRAINROCK AND NATIVE SOILS PER SPOKANE COUNTY STANDARD DETAIL B-1g.
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 ANY 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.
12. SPOKANE COUNTY HAS CONSTRUCTED DRAINAGE CHANNEL MODIFICATIONS AND AN ACCESS ROAD ON THE WEST EDGE OF THIS PROJECT. IN ADDITION, THE CITY OF SPOKANE HAS CONSTRUCTED SANITARY SEWER IN THE SAME AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WORK WITH THESE OTHER PROJECTS.

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 AS-BUILT 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-1g 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.

STORM DRAINAGE NOTES

1. 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.
2. LAWN AREAS: LAWN AREAS ARE TO BE IRRIGATED WITH TORO POP-UP HEADS OR EQUIVALENT. (TEST SYSTEM BEFORE BACKFILLING).
3. ADJUSTMENT: AFTER INSTALLATION, ADJUST VALVES, HEADS, EMITTERS, ETC. TO PROVIDE UNIFORM COVERAGE AND TO MINIMIZE OVER SPRAY ON WALLS, FENCES, WALKS, DRIVES, ETC.
4. 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 SIDESLOPES 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.

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.

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

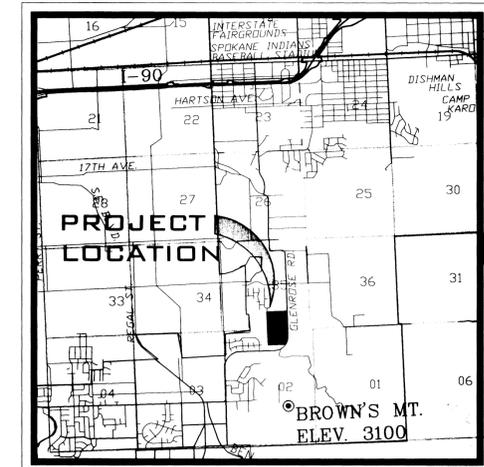
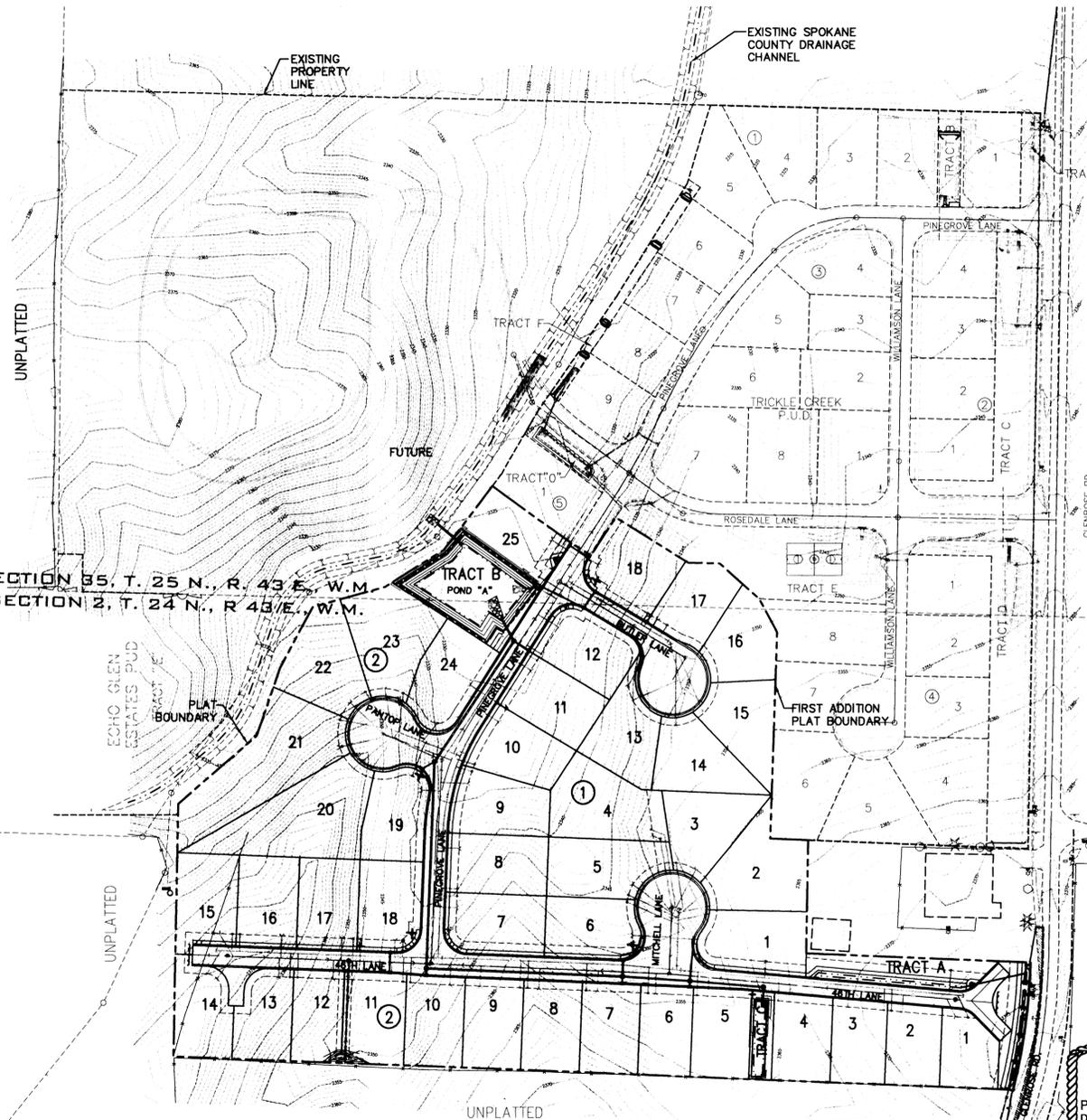
THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO APPLICABLE EDITIONS OF THE SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION AND THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT. ALL DESIGN DEVIATIONS HAVE BEEN APPROVED BY THE SPOKANE COUNTY ENGINEER. I APPROVE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

NAVD '88 DATUM
BASED ON 57TH & GLENROSE COUNTY ROAD PROJECT (CRP 2879) NOTES FROM COUNTY SURVEYOR DATED 12-12-00. USED COUNTY TBM'S 11-15 AS BASIS FOR VERTICAL DATUM.

**COVER SHEET
FOR**

TRICKLE CREEK 1ST ADDITION

**P.U.D.
STREET AND STORM DRAINAGE PLANS
SECTION 2 & 35, T. 24 & 25 N., R. 43 E., W.M.
SPOKANE COUNTY, WASHINGTON**



VICINITY MAP

ABBREVIATIONS

- ACT. L.....ACTUAL LENGTH
- BDRY.....BOUNDARY
- CO.....SEWER CLEANOUT
- CT.....COURT
- DIA.....DIAMETER
- EL.....ELEVATION
- EOA.....EDGE OF ASPHALT
- EXIST.....EXISTING
- G.....GRADE
- HYD.....HYDRANT
- I.E.....INVERT ELEVATION
- LN.....LANE
- LT.....LEFT
- MH.....MANHOLE
- PC.....POINT OF CURVE
- PT.....POINT OF TANGENCY
- PRC.....POINT OF REV. CURVE
- RD.....ROAD
- RIM EL.....RIM ELEVATION
- RT.....RIGHT
- SAN.....SANITARY SEWER
- SI.....STREET INTRSCN
- STA.....STATION
- STA L.....STATION LENGTH
- WM.....WATER MAIN
- W/.....WITH

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LEGEND

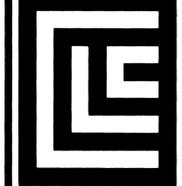
EXISTING	GENERAL	PROPOSED
	ROADWAY CENTER LINE	
	RIGHT OF WAY LINE	
	PROPERTY LINE	
	EASEMENT LINE	
	FENCE	
	CURB	
	PAVEMENT	
	GRAVEL	
	PLAT BOUNDARY	
	BUILDINGS & STRUCTURES	
	SANITARY SEWER	
	SANITARY SEWER	
	MANHOLE	
	CLEANOUT	
	SEWER SERVICE	
	WATER	
	WATER LINE	
	VALVE	
	FIRE HYDRANT	
	SERVICE	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

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1906A
DATE ACCEPTED: 5/30/06
ACCEPTANCE EXPIRES: 5/30/08
PROJECT LANE MILES PUBLIC: 0.39
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) 477-3300
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.

DEVELOPER'S APPROVAL

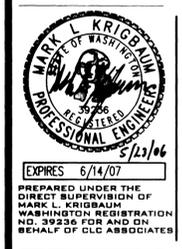
5-23-06 DATE



12730 E. MIRABELLE PKWY
SUITE 100
SPOKANE VALLEY
WASHINGTON 99216
P 509 458 6840
F 509 458 6844
CLCASSOC.COM

ARCHITECTURE
ENGINEERING PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

STREET AND STORM DRAINAGE CONSTRUCTION PLANS
TRICKLE CREEK 1ST ADDITION
P.U.D.
COVER SHEET
SPOKANE COUNTY, WASHINGTON



PREPARED UNDER THE DIRECT SUPERVISION OF
MARK L. KRIGBAUM
WASHINGTON REGISTRATION NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES

DESCRIPTION ORIGINAL PREPARATION
DATE 11-15-05

PROJECT #: S050235
DRAWN BY: MEJ
DESIGNED BY: MEJ
CHECKED BY: MLK

P-19061T Engr'd - Drainage

TRICKLE CREEK 1ST ADDITION P.U.D.

STREET AND STORM DRAINAGE PLANS

SECTION 2 & 35, T. 24 & 25 N., R. 43 E., W.M.
SPOKANE COUNTY, WASHINGTON



CLC ASSOCIATES
12730 E. HARBOR PKWY
SUITE 100
SPOKANE VALLEY
WASHINGTON 99216
P 509 458 6840
F 509 458 6844
CLCASSOC.COM

ARCHITECTURE
ENGINEERING PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

STREET AND STORM DRAINAGE CONSTRUCTION PLANS
TRICKLE CREEK 1ST ADDITION
P.U.D.
OVERALL STREET PLAN
SPOKANE COUNTY, WASHINGTON



EXPIRES 6/14/07
PREPARED UNDER THE
DIRECT SUPERVISION OF
MARK L. KRIGBAUM
WASHINGTON REGISTRATION
NO. 39236 FOR AND ON
BEHALF OF CLC
ASSOCIATES

DESCRIPTION
ORIGINAL PREPARATION

DATE
11-15-05

PROJECT # 5050235
DRAWN BY: M.G.J.
DESIGNED BY: M.E.J.
CHECKED BY: M.L.K.

GENERAL NOTES

- 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 SPECIFICATION, OR ANY APPLICABLE STANDARD, 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 OR HIS/HER DESIGNEE.
- 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.
- 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.
- THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE SPOKANE COUNTY AND ALL UTILITY COMPANIES INVOLVED WITH 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.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
- 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.
- ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISIONS OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
- 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.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
- 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.
- 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.
- 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.
- 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.
- ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE SPOKANE COUNTY ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL SUBMIT A PHASING PLAN FOR ALL WORK IN PUBLIC ROADS AND R.O.W.'S TO SPOKANE COUNTY BEFORE BEGINNING ANY WORK ON THESE ROADS. CONTRACTOR SHALL BEGIN WORK ONLY AFTER SPOKANE COUNTY APPROVES THE PHASING PLAN, AND A PRE-CONSTRUCTION MEETING IS HELD BETWEEN SPOKANE COUNTY THE ENGINEER AND THE CONTRACTOR.
- 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 SPOKANE COUNTY.
- 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.
- NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE SPOKANE COUNTY ENGINEER AND NOTIFICATION OF THE ENGINEER OF RECORD.
- 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.



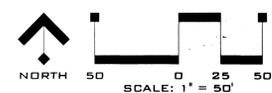
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS
BEFORE YOU DIG

CAUTION: NOTICE TO CONTRACTOR
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NAVD '88 DATUM
BASED ON 57TH & GLENROSE COUNTY ROAD
PROJECT (CRP 2879) NOTES FROM COUNTY
SURVEYOR DATED 12-12-00. USED COUNTY
TBM'S 11-15 AS BASIS FOR VERTICAL DATUM.

K.B.P.
DEVELOPER'S APPROVAL
5-23-06
DATE

SPOKANE COUNTY ENGINEERS OFFICE	
OFFICIAL PUBLIC DOCUMENT ORIGINAL	
CONSTRUCTION PLANS	
PROJECT #:	P 1906
DATE ACCEPTED:	5/30/06
ACCEPTANCE EXPIRES:	5/30/10
PROJECT LANE MILES PUBLIC:	0.00
PROJECT LANE MILES PRIVATE:	0.37
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) 477-3500	
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION!	

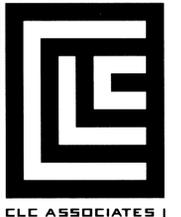


P-1906A Eng Road Drainage

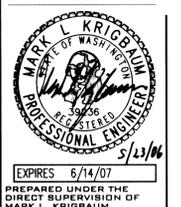
COVER SHEET FOR TRICKLE CREEK 1ST ADDITION P.U.D. TEMPORARY EROSION & SEDIMENT CONTROL PLAN SECTIONS 2 & 35, T. 24 & 25 N., R. 43 E, W.M. SPOKANE COUNTY, WASHINGTON

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS

PROJECT #:
DATE ACCEPTED: 5/20/06
ACCEPTANCE EXPIRES: 5/20/10
PROJECT LANE MILES PUBLIC: ---
PROJECT LANE MILES PRIVATE: 0.29
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) 477-3300
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION!



EROSION CONTROL PLAN
TRICKLE CREEK 1ST ADDITION P.U.D. COVER SHEET
SPOKANE COUNTY, WA



EXPIRES 6/14/07
PREPARED UNDER THE DIRECT SUPERVISION OF
MARK L. KRIGBAUM
WASHINGTON REGISTRATION NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES

DESCRIPTION ORIGINAL PREPARATION
DATE 11-15-05

PROJECT #S050235
DRAWN BY: MJB
DESIGNED BY: MLK
CHECKED BY: MLK

EROSION & SEDIMENT CONTROL GENERAL NOTES AND INFORMATION

- A TEMPORARY EROSION/SEDIMENT CONTROL (E.S.C.) PLAN IS REQUIRED FOR THIS PROJECT. IMPLEMENTATION OF THE T.E.S.C. PLAN AND CONSTRUCTION, MAINTENANCE, AND UPGRADING OF THE T.E.S.C. FACILITIES ARE THE RESPONSIBILITY OF THE DEVELOPER UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED BY SPOKANE COUNTY, OR UNTIL VEGETATION IS ESTABLISHED THROUGHOUT THE SITE, AND ACCEPTED BY SPOKANE COUNTY, WHICHEVER IS LATER.
- APPROVAL OF THE T.E.S.C. PLAN DOES NOT CONSTITUTE APPROVAL OF ANY OF THE PROPOSED ROAD, STORM DRAINAGE, GRADING OR UTILITY DESIGN ELEMENTS SHOWN ON THE T.E.S.C. PLAN.
- THE EROSION/SEDIMENT CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THESE T.E.S.C. MEASURES DAILY, AND SHALL MAINTAIN AND UPGRADE THESE MEASURES AS NECESSARY TO PREVENT SEDIMENT-LADEN WATER FROM EITHER FLOWING OFF SITE, OR INTO NEW/EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRYWELLS, CULVERTS, OR GRAVEL GALLERIES.
- GEOTEXTILE FABRIC IS TO BE PLACED ON THE RIMS, CATCH BASINS AND INLETS UNTIL SUCH TIME THAT THE VEGETATION ON THE SITE IS ESTABLISHED AND THE THREAT OF SEDIMENT DEPOSITION INTO THE DRAINAGE SYSTEM IS MITIGATED.
- THE SILT FENCES SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO OTHER SITE WORK, AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION EXITS AT ANY AND ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE. SEE DETAIL 2 THIS SHEET.
- THE CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A LOCATION WHERE CONCRETE TRUCKS AND EQUIPMENT CAN BE WASHED OUT, NOT LOCATED NEAR OR DRAINING INTO A STORM DRAINAGE AREA.
- PROPERTY OWNER: GEORGE PARAS, PCI PROPERTIES, (509)535-8377
PERMIT APPLICANT: GEORGE PARAS, PARAS CONSTRUCTION, (509)535-8377
CONTACT PERSON ON SITE: KURT PARAS, PARAS CONSTRUCTION, (509) 535-8377
- PROJECT LOCATION: IN SPOKANE COUNTY, SOUTH OF ROSEDALE LANE AND WEST OF GLENROSE ROAD, IN SECTIONS 2 & 35, TOWNSHIPS 24 & 25 N., RANGE 43 E.W.M.
- PROJECT DESCRIPTION: TRICKLE CREEK 1ST ADDITION IS A RESIDENTIAL SUBDIVISION CONSISTING OF 43 LOTS AND WILL REQUIRE CONSTRUCTION OF SEWER, WATER, ROADS AND STORM DRAINAGE FACILITIES. THE IMPROVEMENTS CONSIST OF APPROXIMATELY 2038 LINEAR FEET OF NEW PRIVATE STREETS AND CURBS, WITH ASSOCIATED STORM DRAINAGE.
- DESCRIPTION OF T.E.S.C. MEASURES: USE OF SILT FENCES, GRAVEL FILTERS AND ROCK CONSTRUCTION EXITS. ALL T.E.S.C. MEASURES MENTIONED ABOVE ARE TEMPORARY AND WILL BE REMOVED AFTER YARDS ARE LANDSCAPED.
- EXISTING VEGETATION: FIELD GRASS AND TILLED FIELD.
- PLAN PREPARATION DATE: NOVEMBER 15, 2005.
- SOILS: ON SITE SOILS INCLUDE PHOEBE SANDY LOAM (P8A AND P8B)
- STABILIZATION OF DENUDED AREAS: ANY DISTURBED AREAS, WHICH WOULD BE LEFT BARE FOR MORE THAN 7 DAYS AND ARE NOT INTENDED TO BE REWORKED WITHIN 30-45 DAYS SHALL BE SEEDDED WITH A FAST STARTING NATIVE DRYLAND GRASS SUCH AS ANNUAL RYE, OR APPROVED EQUAL, AT A RATE OF 60 LBS./ACRE.
- CONTROL OF POLLUTANTS: ANY SPILLS SHALL BE HANDLED ACCORDING TO D.O.E. AND D.O.H. GUIDELINES.
- SEED MIX: EXCAVATION AND EMBANKMENT BANKS AND ALL DISTURBED AREAS WILL REQUIRE STABILIZATION WITH HYDROSEEDING METHODS. THE SEED MIXTURE SHALL CONSIST OF THE FOLLOWING GRASS SPECIES:

20% ELKA PERENNIAL RYE
20% DURAN HARD FESCUE
45% COVAR SHEEP / FESCUE
15% REUBENS CANADIAN BLUEGRASS

GRASS SEED: 90 LBS. / ACRE
FERTILIZER: 16-16-16 TIMED RELEASE AT 300 LBS. / ACRES
- ALL SEEDING OF SLOPES SHALL BE PERFORMED IN ACCORDANCE WITH W.S.D.O.T. STANDARD SPECIFICATIONS SECTION 8-01, AND APPENDIX "E" OF THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT.

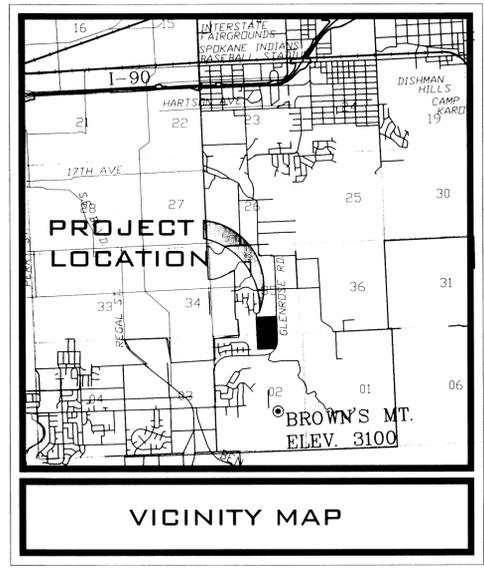
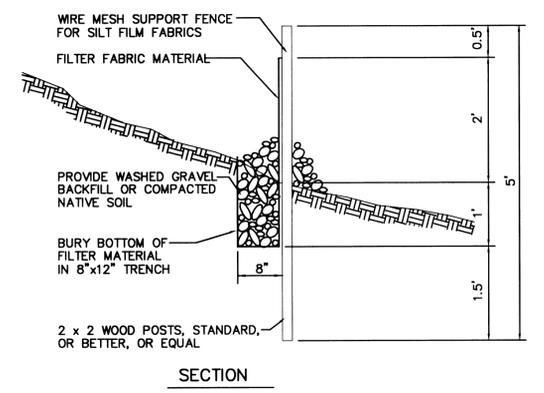
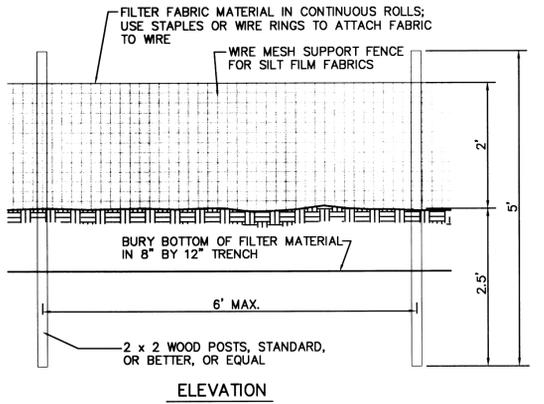


TABLE OF CONTENTS	
EROSION CONTROL COVER SHEET.....	SHEET 3
EROSION CONTROL PLAN	SHEET 4

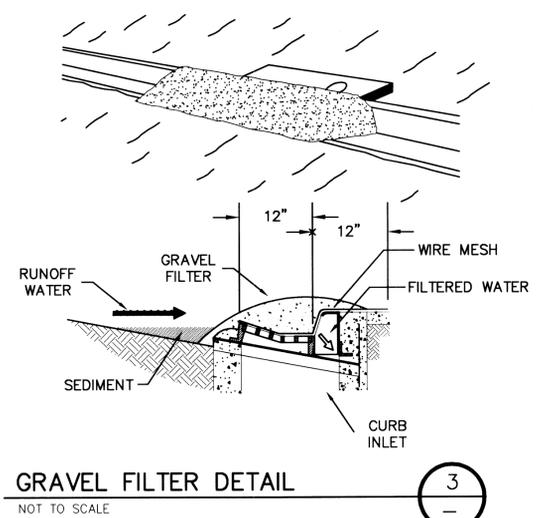
LEGAL DESCRIPTION

COMMENCING AT THE SOUTH ONE-QUARTER CORNER OF SAID SECTION 35 MARKED BY A 10 INCH BY 6 INCH STONE WITH AN 'X' ON THE NORTH SIDE, SAID 'X' BEARS SOUTH 18°51'11" WEST A DISTANCE OF 0.04 FEET FROM A 1-INCH REBAR; THENCE SOUTH 88°33'56" EAST ALONG THE SOUTH LINE OF SAID SOUTHEAST ONE-QUARTER A DISTANCE OF 935.78 FEET TO THE TRUE POINT OF BEGINNING; THENCE THROUGH THE FOLLOWING 7 COURSES: 1) NORTH 28°11'33" WEST A DISTANCE OF 15.51 FEET; 2) NORTH 48°03'32" WEST A DISTANCE OF 70.23 FEET; 3) NORTH 88°55'38" WEST A DISTANCE OF 41.39 FEET; 4) NORTH 57°46'34" WEST A DISTANCE OF 113.98 FEET; 5) SOUTH 32°39'55" WEST A DISTANCE OF 60.98 FEET; 6) NORTH 57°20'05" WEST A DISTANCE OF 32.00 FEET; 7) NORTH 53°57'22" WEST A DISTANCE OF 127.85 FEET TO A POINT ON THE EASTERLY LINE OF A STORMWATER AND SANITARY SEWER EASEMENT RECORDED UNDER AUDITOR'S FILE NUMBER 4468684, RECORDS OF SPOKANE COUNTY; THENCE ALONG SAID EASTERLY LINE THROUGH THE FOLLOWING 5 COURSES: 1) NORTH 37°00'44" EAST A DISTANCE OF 20.87 FEET; 2) NORTH 30°18'28" EAST A DISTANCE OF 94.00 FEET; 3) NORTH 34°40'18" EAST A DISTANCE OF 183.94 FEET; 4) NORTH 31°58'42" EAST A DISTANCE OF 176.74 FEET; 5) NORTH 16°53'13" EAST A DISTANCE OF 106.35 FEET TO A POINT ON THE LINE ACCEPTED AS THE NORTH LINE OF THE SOUTH HALF OF THE SOUTHWEST ONE-QUARTER OF SAID SOUTHEAST ONE QUARTER AS SHOWN ON A RECORD OF SURVEY RECORDED IN BOOK 86 OF SURVEYS, PAGE 61 RECORDS OF SPOKANE COUNTY; THENCE SOUTH 88°39'13" EAST ALONG SAID NORTH LINE A DISTANCE OF 436.63 FEET TO A 1/2" REBAR WITH YELLOW PLASTIC CAP MARKED "7317" MARKING A POINT ON THE WESTERLY LINE OF GLENROSE ROAD C.P.H. NO 69 RIGHT-OF-WAY; THENCE SOUTH 00°58'50" WEST ALONG SAID WESTERLY LINE A DISTANCE OF 968.62 FEET TO A 1/2" REBAR WITH YELLOW PLASTIC CAP MARKED "7317" MARKING A POINT ON THE SOUTH LINE OF SAID GOVERNMENT LOT 2 AND AS SHOWN ON SAID RECORD OF SURVEY; THENCE NORTH 87°45'02" WEST ALONG SAID SOUTH LINE A DISTANCE OF 341.31 FEET; THENCE NORTH 01°55'50" EAST A DISTANCE OF 270.58 FEET; THENCE NORTH 28°11'33" WEST A DISTANCE OF 34.98 FEET TO THE TRUE POINT OF BEGINNING;

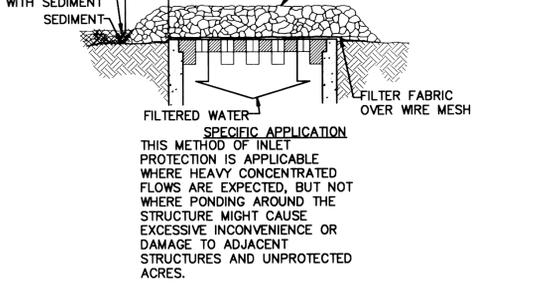
THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO APPLICABLE EDITIONS OF THE SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION AND THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT. ALL DESIGN DEVIATIONS HAVE BEEN APPROVED BY THE SPOKANE COUNTY ENGINEER. I APPROVE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



SILT FENCE DETAIL
NOT TO SCALE

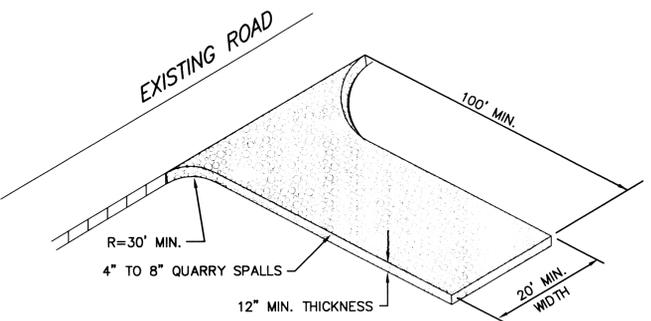


GRAVEL FILTER DETAIL
NOT TO SCALE



GRAVEL AND WIRE MESH INLET SEDIMENT FILTER
NOT TO SCALE

- ### LEGEND
- STORM DRAINAGE POND - NO CONCRETE TRUCK WASHOUT. SEE GENERAL NOTES 4 AND 7.
 - STORM DRAINAGE STRUCTURE - NO CONCRETE TRUCK WASHOUT. SEE GENERAL NOTES 4 AND 7.
 - SILT FENCE. SEE DETAIL 1 AND GENERAL NOTE 5.
 - LIMIT OF SOIL DISTURBANCE
 - ROCK CONSTRUCTION EXIT. SEE DETAIL 2 AND GENERAL NOTE 6.
 - PROPOSED STORM DRAIN INLET
 - PROPOSED STORM MANHOLE
 - PROPOSED STORM DRYWELL
 - PROPOSED STORM DRAIN PIPE
 - GRAVEL FILTER AND FILTER FABRIC INLET PROTECTION (GENERAL NOTES 4 AND 7) SEE DETAILS 3 AND 4.



ROCK CONSTRUCTION EXIT
NOT TO SCALE

NAVD '88 DATUM
BASED ON 57TH & GLENROSE COUNTY ROAD PROJECT (CRP 2879) NOTES FROM COUNTY SURVEYOR DATED 12-12-00. USED COUNTY TBM'S 11-15 AS BASIS FOR VERTICAL DATUM

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.

MARK L. KRIGBAUM

DEVELOPER'S APPROVAL **5-23-06**
DATE

TRICKLE CREEK 1ST ADDITION P.U.D.

TEMPORARY EROSION & SEDIMENT CONTROL PLAN

SECTIONS 2 & 35, T. 24 & 25 N., R. 43 E, W.M.
SPOKANE COUNTY, WASHINGTON

NOTES

1. THE PROPOSED GRADING CONTOURS ARE APPROXIMATE ONLY AND SHOULD NOT BE UTILIZED FOR FINAL GRADING OF THE PROJECT.
2. GRADING OF THE PROJECT MAY NOT RESULT IN BALANCED QUANTITIES OF EXCAVATION AND EMBANKMENT.
3. INDIVIDUAL LOT GRADING WILL BE COMPLETED ON A LOT BY LOT BASIS AS HOMES ARE CONSTRUCTED.

LEGEND

- STORM DRAINAGE POND - NO CONCRETE TRUCK WASHOUT. SEE GENERAL NOTES 4 AND 7, SHEET 3.
- STORM DRAINAGE STRUCTURE - NO CONCRETE TRUCK WASHOUT. SEE GENERAL NOTES 4 AND 7, SHEET 3.
- SILT FENCE. SEE DETAIL 1 AND GENERAL NOTE 5, SHEET 3.
- LIMIT OF SOIL DISTURBANCE
- ROCK CONSTRUCTION EXIT. SEE DETAIL 2 AND GENERAL NOTE 6, SHEET 3.
- PROPOSED STORM DRAIN INLET
- PROPOSED STORM MANHOLE
- PROPOSED STORM DRYWELL
- PROPOSED STORM DRAIN PIPE
- GRAVEL FILTER AND FILTER FABRIC INLET PROTECTION (GENERAL NOTES 4 AND 7) SEE DETAILS 3 & 4, SHEET 3.

EROSION CONTROL PLANS
 TRICKLE CREEK 1ST ADDITION P.U.D.
 EROSION CONTROL PLAN
 SPOKANE COUNTY, WA

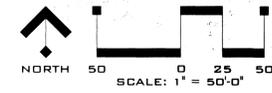
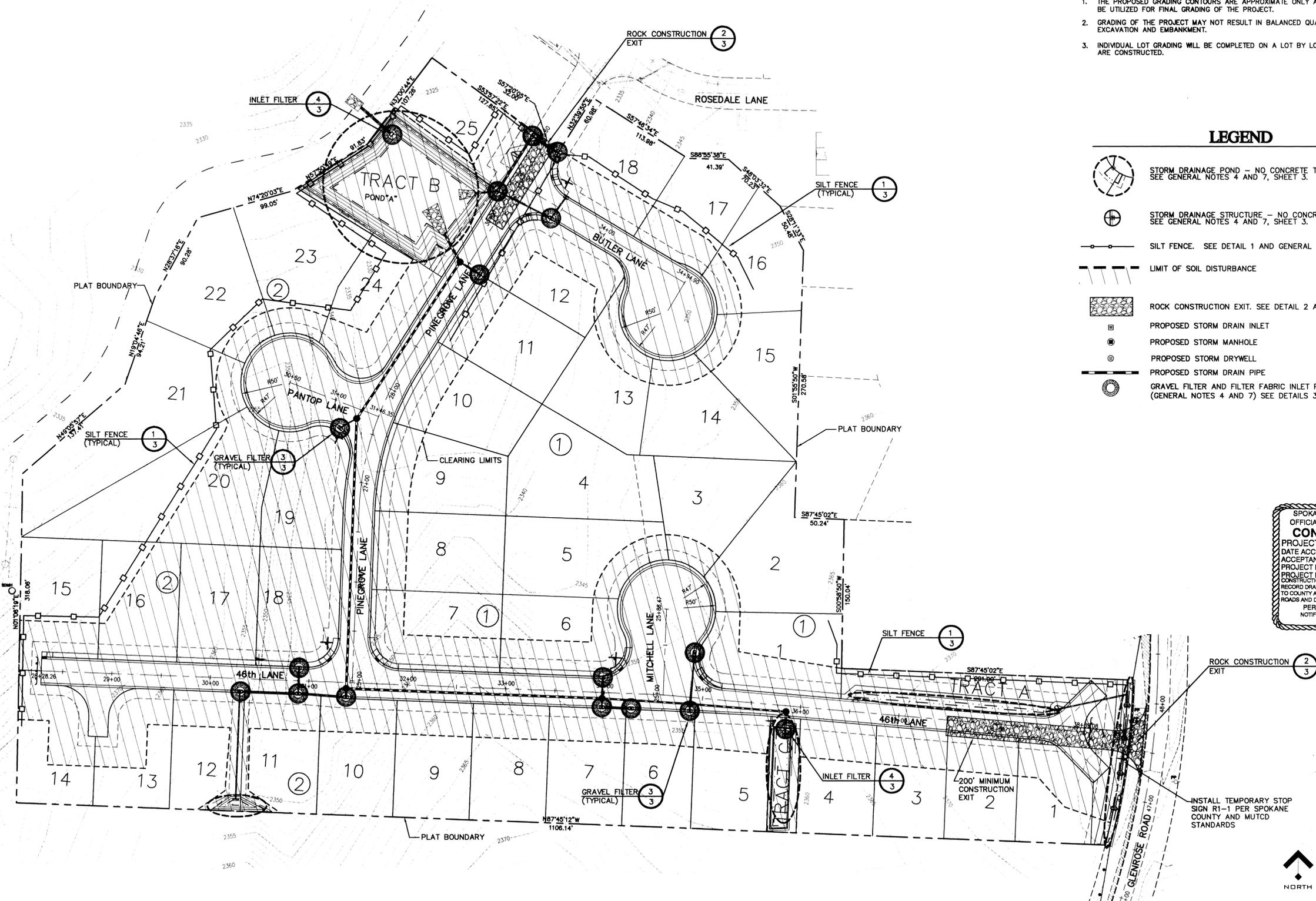


SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT # 51906A
 DATE ACCEPTED: 5/22/06
 ACCEPTANCE EXPIRES: 5/22/08
 PROJECT LANE MILES PRIVATE: 0.89
 PROJECT LANE MILES PUBLIC: 0.00
 PREPARED UNDER THE DIRECT SUPERVISION OF
 MARK L. KRIGBAUM
 WASHINGTON REGISTRATION NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES
 PERMIT REQUIRED! (509) 477-3900
 NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION!

EXPIRES 6/14/07
 PREPARED UNDER THE DIRECT SUPERVISION OF
 MARK L. KRIGBAUM
 WASHINGTON REGISTRATION NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES

EROSION CONTROL PLAN
 DESCRIPTION ORIGINAL PREPARATION
 DATE 11-15-05

PROJECT #5050235
 DRAWN BY: MEJ
 DESIGNED BY: MEJ
 CHECKED BY: MLK



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 5-23-06

NAVD '88 DATUM
 BASED ON 57TH & GLENROSE COUNTY ROAD PROJECT (GRP 2879) NOTES FROM COUNTY SURVEYOR DATED 12-12-00. USED COUNTY TBM'S 11-15 AS BASIS FOR VERTICAL DATUM

CAUTION: NOTICE TO CONTRACTOR
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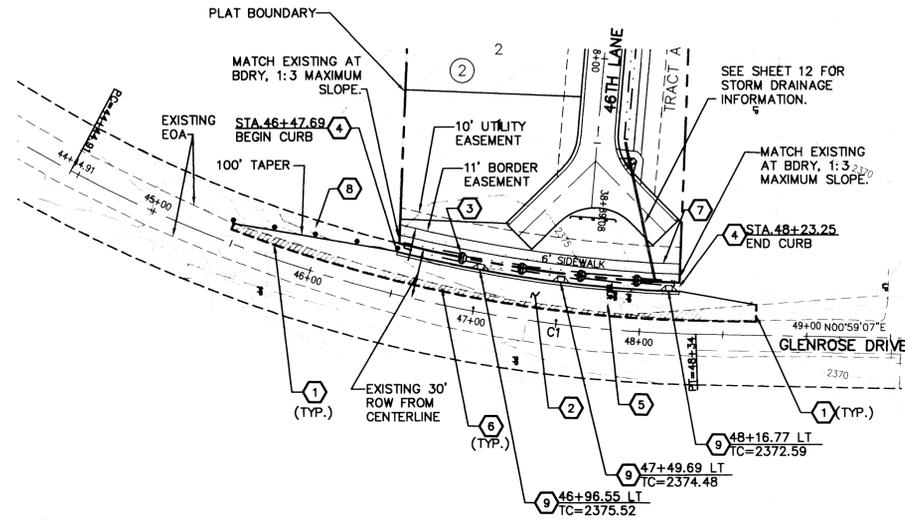
UNDERGROUND SERVICE ALERT
 ONE-CALL NUMBER
 456-8000
 CALL TWO BUSINESS DAYS BEFORE YOU DIG

P-1906A Eng'nd In'g'nr

SECTION 2, T.24 N., R. 43 E., W.M.
SPOKANE COUNTY, WASHINGTON

CONSTRUCTION NOTES

- 1 SAWCUT EXISTING ACP FOR REMOVAL, A MINIMUM OF TWO FEET FROM EXISTING EDGE OF PAVEMENT. TACK COAT VERTICAL SURFACE PRIOR TO PAVING.
- 2 REMOVE EXISTING ACP SURFACE AND ROADWAY BEDDING TO DEPTH SUFFICIENT TO CONSTRUCT NEW ROADWAY. SEE DETAIL 7, SHEET 11. COMPACT SUBGRADE PRIOR TO ROADWAY CONSTRUCTION.
- 3 BERM SWALE AS NECESSARY TO MAINTAIN 1% MAXIMUM BOTTOM SLOPE. BERM EL=0.5' ABOVE UPSTREAM SWALE BOTTOM.
- 4 CONSTRUCT TYPE "B" CURB & GUTTER, PER SPOKANE COUNTY STANDARD PLAN, SHEET A-3
- 5 COORDINATE RELOCATION AND ADJUSTMENT OF OVERHEAD AND UNDERGROUND UTILITIES, CONDUITS, POLES AND CABINETS AS REQUIRED BY CONSTRUCTION AND THE UTILITIES. ADJUST ALL UTILITY LIDS AND COVERS TO FINISH GRADE. COORDINATE RELOCATION OF MAIL BOXES, IF ANY, WITH THE POSTAL SERVICE.
- 6 MATCH EXISTING ACP SURFACE AT SAWCUT LINE. TACK COAT AND SEAL.
- 7 CONSTRUCT 6 FOOT WIDE CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-4
- 8 INSTALL FLEXIBLE GUIDE POSTS (GROUND MOUNT) EVERY 25' ALONG TAPER. SEE WSDOT STD. PLAN H-1.
- 9 INSTALL TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-8.



LEGEND

PAVEMENT REMOVAL AREA

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	818.51'	389.09'	198.29'	385.44'	271°4'11"

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # P-1906A
DATE ACCEPTED: 5/20/06
ACCEPTANCE EXPIRES: 5/20/08
PROJECT LANE MILES PRIVATE: 0.29
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3900
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

NAVD '88 DATUM

BASED ON 57TH & GLENROSE COUNTY ROAD PROJECT (CRP 2879) NOTES FROM COUNTY SURVEYOR DATED 12-12-00. USED COUNTY TBM'S 11-15 AS BASIS FOR VERTICAL DATUM.

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

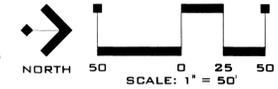
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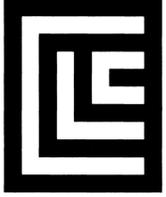
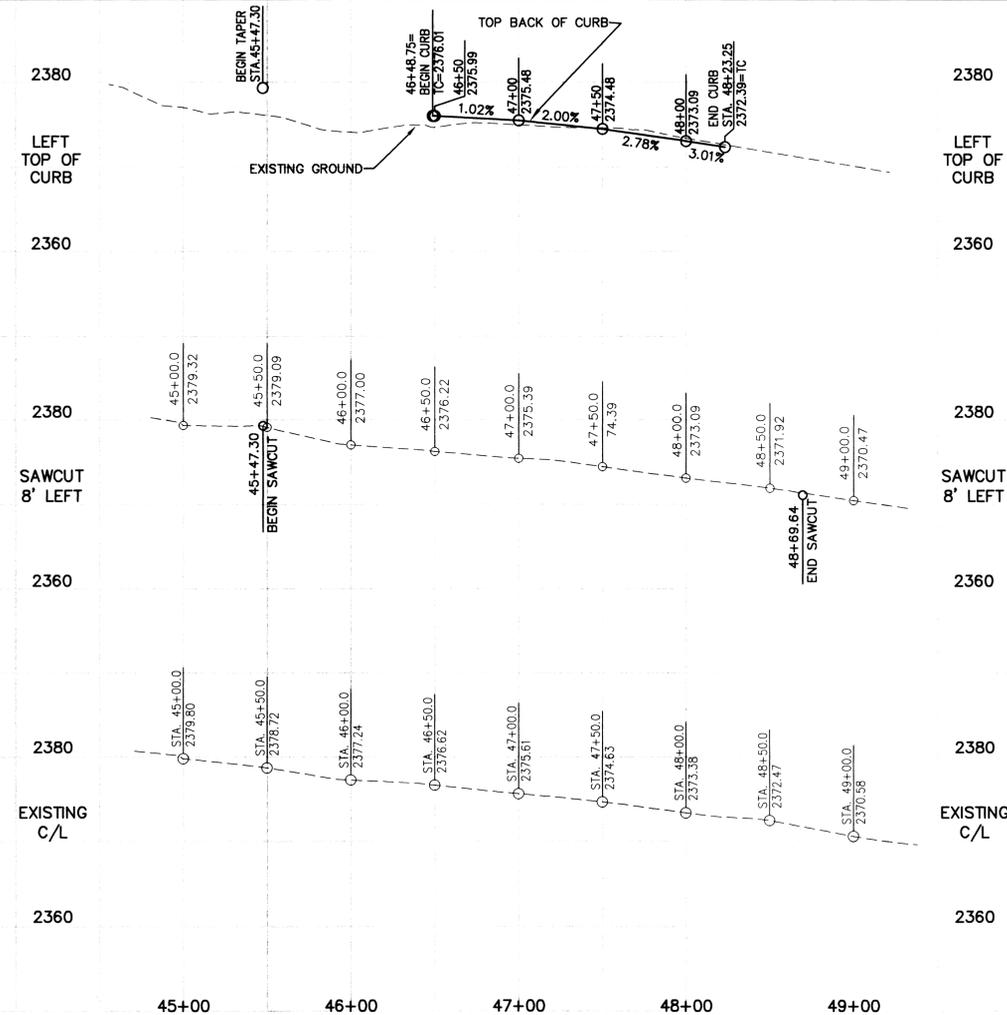
KRB

DEVELOPER'S APPROVAL

5-23-06
DATE



VERTICAL SCALE: 1"=10'



CLC ASSOCIATES
12730 E. MIRABEAU PARKWAY
SUITE 100
SPOKANE VALLEY
WASHINGTON 99216
P 509 458 6840
F 509 458 6844
CLCASSOC.COM
ARCHITECTURE
ENGINEERING PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

STREET PLANS
TRICKLE CREEK 1ST ADDITION
GLENROSE ROAD
STA. 44+44.91 TO STA. 52+80.0
SPOKANE COUNTY, WASHINGTON



PREPARED UNDER THE DIRECT SUPERVISION OF
MARK L. KRIGBAUM
WASHINGTON REGISTRATION NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES

DESCRIPTION ORIGINAL PREPARATION

DATE	DESCRIPTION
11/15/05	ORIGINAL PREPARATION

PROJECT #: S050235
DRAWN BY: MGL
DESIGNED BY: MGL
CHECKED BY: MLK

P-1906A Eng Road Drawings

SECTIONS 2 & 35, T24 & 25 N, R. 43 E, W.M.
SPOKANE COUNTY, WASHINGTON

LEGEND

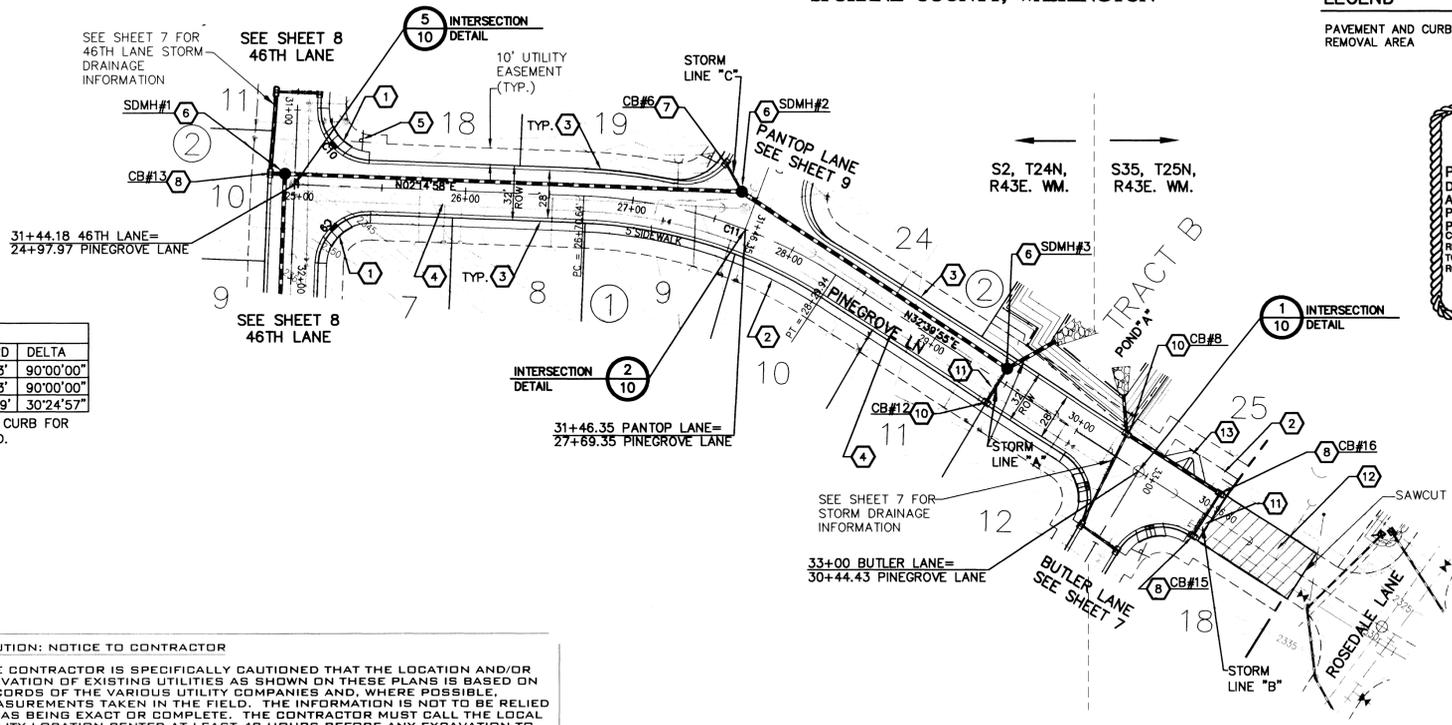
PAVEMENT AND CURB
REMOVAL AREA



CONSTRUCTION NOTES

- 1 CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "A".
- 2 INSTALL 5' WIDE SIDEWALK PER SPOKANE COUNTY STANDARDS.
- 3 INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
- 4 SEE DETAIL 5 SHEET 11 FOR TYPICAL PINEGROVE LANE CROSS SECTION.
- 5 INSTALL (2) "PRIVATE LANE" STREET SIGNS PER SPOKANE COUNTY STANDARD PLAN A-16 AND M.U.T.C.D. STANDARDS.
- 6 INSTALL 54" WSDOT CATCH BASIN TYPE 2 WITH SOLID LID PER WSDOT STANDARD PLANS B-1e AND B-25.
- 7 INSTALL TYPE 1 CATCH BASIN WITH TYPE 2 FRAME AND TYPE 3 GRATE WITH HOOD PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-14. TC=2342.62, RIM=2342.12
- 8 INSTALL TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
- 9 NOT USED.
- 10 INSTALL WSDOT TYPE 2 GRATE INLET WITH FRAME AND VANED GRATE PER WSDOT STANDARD PLANS B-4c AND B-4d. INSTALL LONG DIMENSION PERPENDICULAR TO ROAD CENTERLINE.
- 11 SLEEVE STORMWATER PIPE AT WATER LINE CROSSING FOR 10' EITHER SIDE OF WATER LINE, PER SPOKANE COUNTY STD. DWG W111.
- 12 SAWCUT AND REMOVE EXISTING ASPHALT & CURB AND REPLACE WITH ASPHALT & CURB PER STD. SECTION FOR PINEGROVE LANE. TACK COAT VERTICAL EDGE PRIOR TO PAVING.
- 13 CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "B".

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1906A
DATE ACCEPTED: 5/30/06
ACCEPTANCE EXPIRES: 5/30/08
PROJECT LANE MILES PUBLIC:
PROJECT LANE MILES PRIVATE: 0.39
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILT" 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!



CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C9	47.12'	30.00'	30.00'	42.43'	90°00'00"
C10	47.12'	30.00'	30.00'	42.43'	90°00'00"
C11	159.26'	300.00'	81.55'	157.39'	30°24'57"

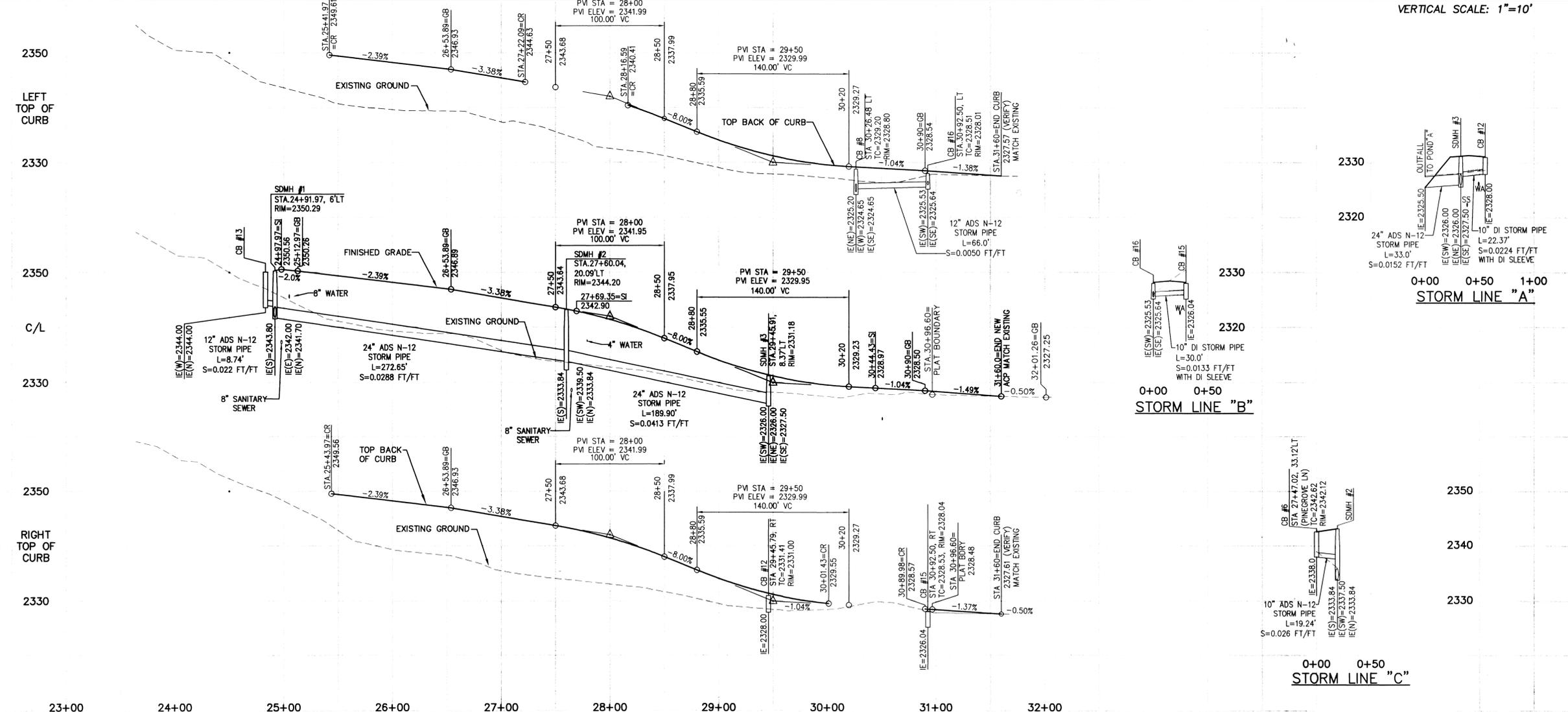
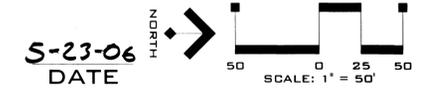
NOTE: CURB RADII ARE TO TOP BACK OF CURB FOR TYPE "R" CURB UNLESS OTHERWISE NOTED.

NAVD '88 DATUM
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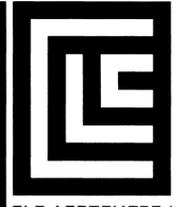
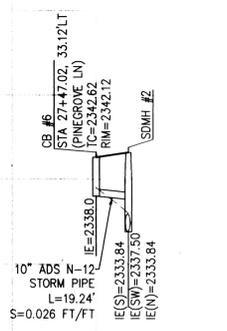
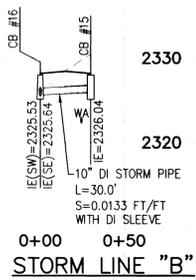
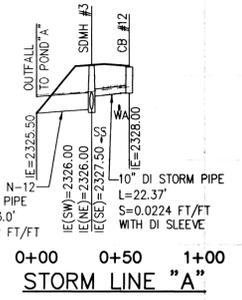
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ONE-CALL NUMBER
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CALL TWO BUSINESS DAYS BEFORE YOU DIG

CAUTION: NOTICE TO CONTRACTOR
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KTB
DEVELOPER'S APPROVAL



VERTICAL SCALE: 1"=10'



CLC ASSOCIATES
12730 E. MIRABEAU PKWY. SUITE 100
SPOKANE VALLEY WASHINGTON 99216
P 509 458 6840
F 509 458 6844
CLC@SBC.COM

ARCHITECTURE
ENGINEERING PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

STREET PLANS
TRICKLE CREEK 1ST ADDITION
PINEGROVE LANE
STA. 24+97.97 TO STA. 30+96.60
SPOKANE COUNTY, WASHINGTON



PREPARED UNDER THE DIRECT SUPERVISION OF
MARK L. KRIGBAUM
WASHINGTON REGISTRATION
NO. 39236 FOR AND ON
BEHALF OF CLC ASSOCIATES

DATE	DESCRIPTION
11/15/05	ORIGINAL PREPARATION

PROJECT # 8050235
DRAWN BY: MEJ
DESIGNED BY: MEJ
CHECKED BY: MLK

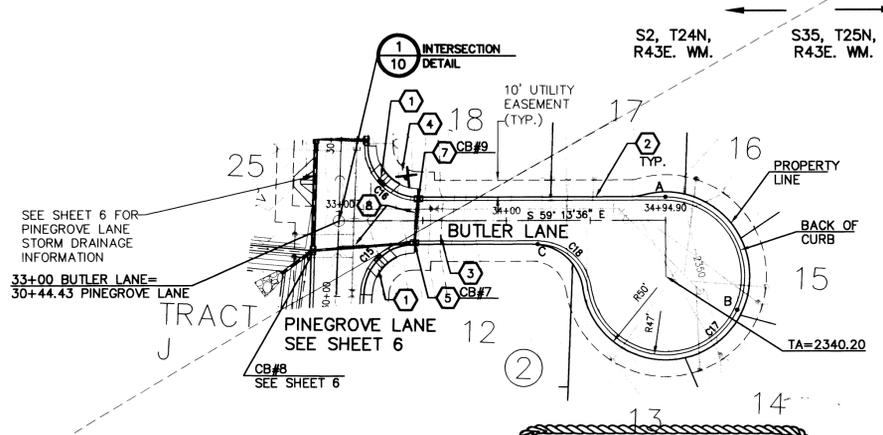
P-1906A *Eng Road Drains*

SECTION 35, T.25 N., R. 43 E., W.M.
CITY OF SPOKANE, WASHINGTON

SECTION 2, T.24 N., R. 43 E., W.M.
CITY OF SPOKANE, WASHINGTON

CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C15	46.13'	30.00'	29.03'	41.72'	88°06'28"
C16	48.11'	30.00'	31.01'	43.12'	91°53'32"
C17	214.74'	47.00'	54.27'	71.06'	261°47'12"
C18	42.82'	30.00'	25.98'	39.28'	81°47'12"

NOTE: ALL CURVE RADII ARE FROM TOP BACK OF CURB FOR TYPE "R" CURB, UNLESS OTHERWISE NOTED.



SEE SHEET 6 FOR PINEGROVE LANE STORM DRAINAGE INFORMATION

33+00 BUTLER LANE = 30+44.43 PINEGROVE LANE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS

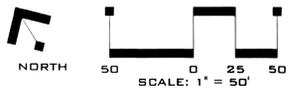
PROJECT # 1906A
DATE ACCEPTED: 5/30/06
ACCEPTANCE EXPIRES: 5/30/08
PROJECT LANE MILES PUBLIC: 0.29
PROJECT LANE MILES PRIVATE: 0.29

CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS AS-BUILT ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE. PERMIT REQUIRED! (509) 477-3000
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION!

KRB

DEVELOPER'S APPROVAL

5-23-06 DATE



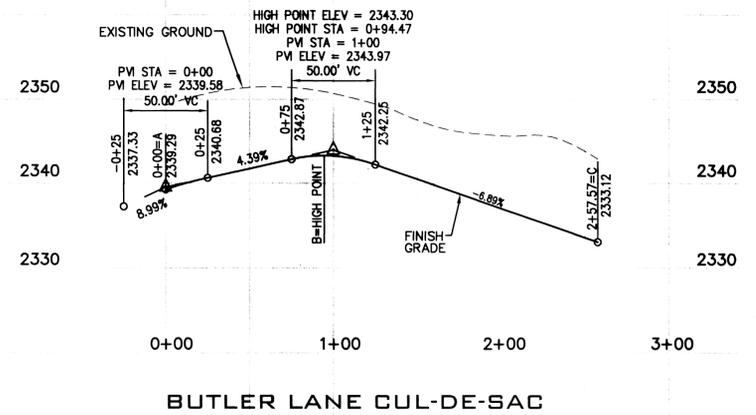
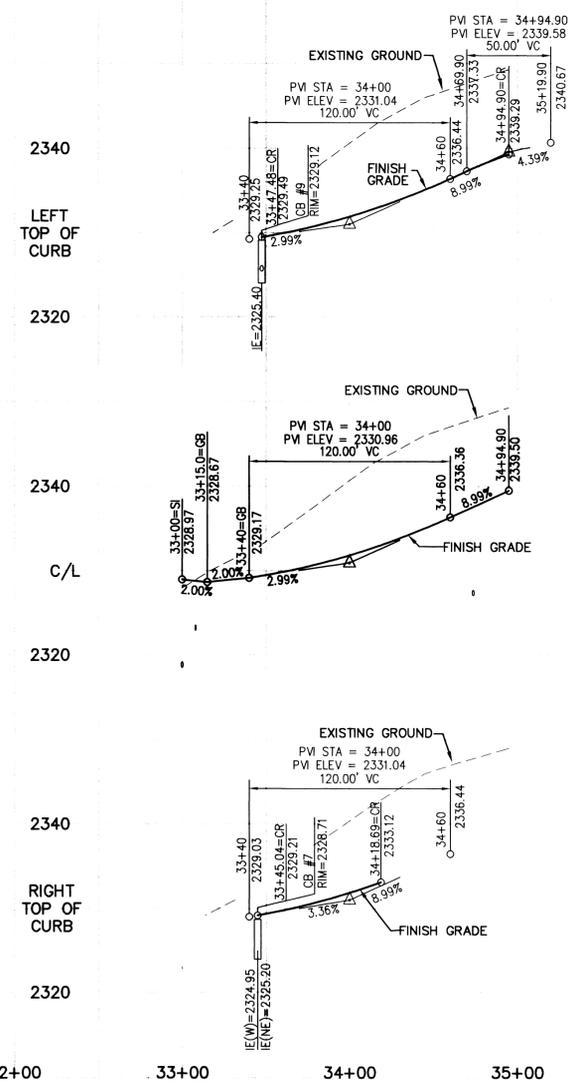
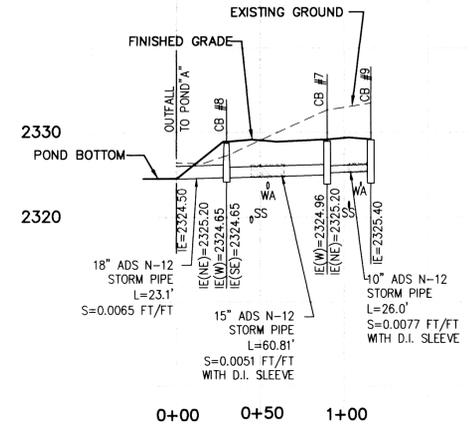
NAVD '88 DATUM

BASED ON 57TH & GLENROSE COUNTY ROAD PROJECT (CRP 2879) NOTES FROM COUNTY SURVEYOR DATED 12-12-00, USED COUNTY TBM'S 11-15 AS BASIS FOR VERTICAL DATUM.

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

CAUTION: NOTICE TO CONTRACTOR

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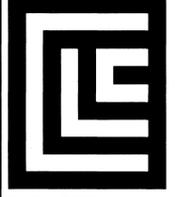


MARK L. KRIGBAUM
REGISTERED PROFESSIONAL ENGINEER
NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES
EXPIRES 6/14/07

DATE	DESCRIPTION
11/07/05	ORIGINAL PREPARATION

PROJECT #: S050235
DRAWN BY: MGB
DESIGNED BY: MGL
CHECKED BY: MLK

STREET PLANS
TRICKLE CREEK 1ST ADDITION
BUTLER LANE
 STA. 33+00 TO STA. 34+94.90
 SPOKANE COUNTY, WASHINGTON



CLC ASSOCIATES
12730 E. MIRABEAU PKWY.
SUITE 100
SPOKANE VALLEY
WASHINGTON 99216
P 509 458 6840
F 509 458 6844
CLC@CLC.COM

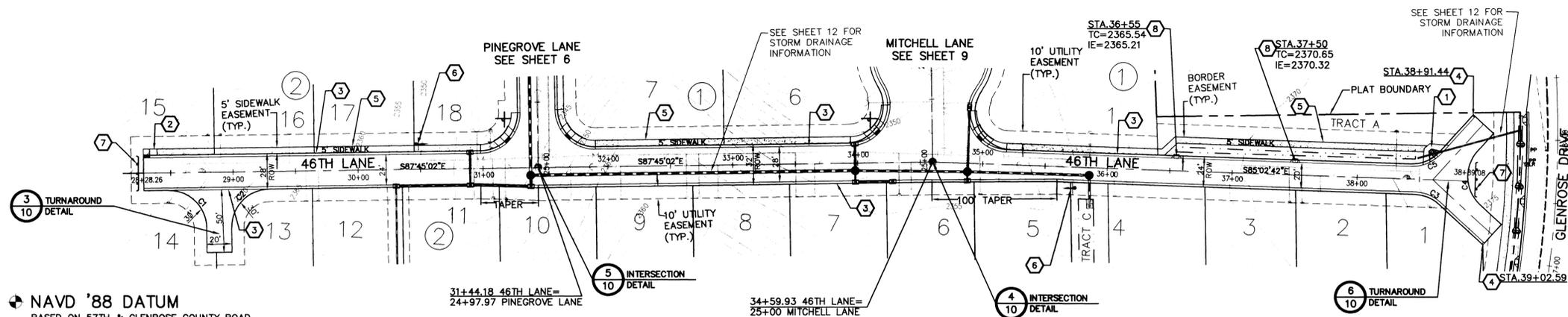
ARCHITECTURE
ENGINEERING PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

P1906A *Emp Bad Troney*

SECTION 2, T24 N., R. 43 E., W.M.
SPOKANE COUNTY, WASHINGTON

CONSTRUCTION NOTES

- 1 CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "B".
- 2 CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "A".
- 3 INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
- 4 END CURB, NOSE DOWN CURB IN 1' AT CURB END.
- 5 INSTALL 5' SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-4.
- 6 INSTALL "DEAD END" SIGN PER M.U.T.C.D AND SPOKANE COUNTY STANDARDS.
- 7 PROVIDE AND INSTALL TYPE 1 TRAFFIC BARRICADE, WSDOT STANDARD PLAN C-1, WITH (3) OMA-3 END OF ROADWAY SIGNS.
- 8 INSTALL TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-8.



NAVD '88 DATUM
BASED ON 57TH & GLENROSE COUNTY ROAD PROJECT (CRP 2879) NOTES FROM COUNTY SURVEYOR DATED 12-12-00. USED COUNTY TBM'S 11-15 AS BASIS FOR VERTICAL DATUM.

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
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CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	47.12'	30.00'	30.00'	42.43'	90°00'00"
C2	47.12'	30.00'	30.00'	42.43'	90°00'00"
C3	21.22'	30.00'	11.07'	20.78'	40°31'24"
C4	47.12'	30.00'	30.00'	42.43'	90°00'00"
C5	25.91'	30.00'	13.82'	25.11'	49°28'36"

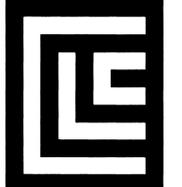
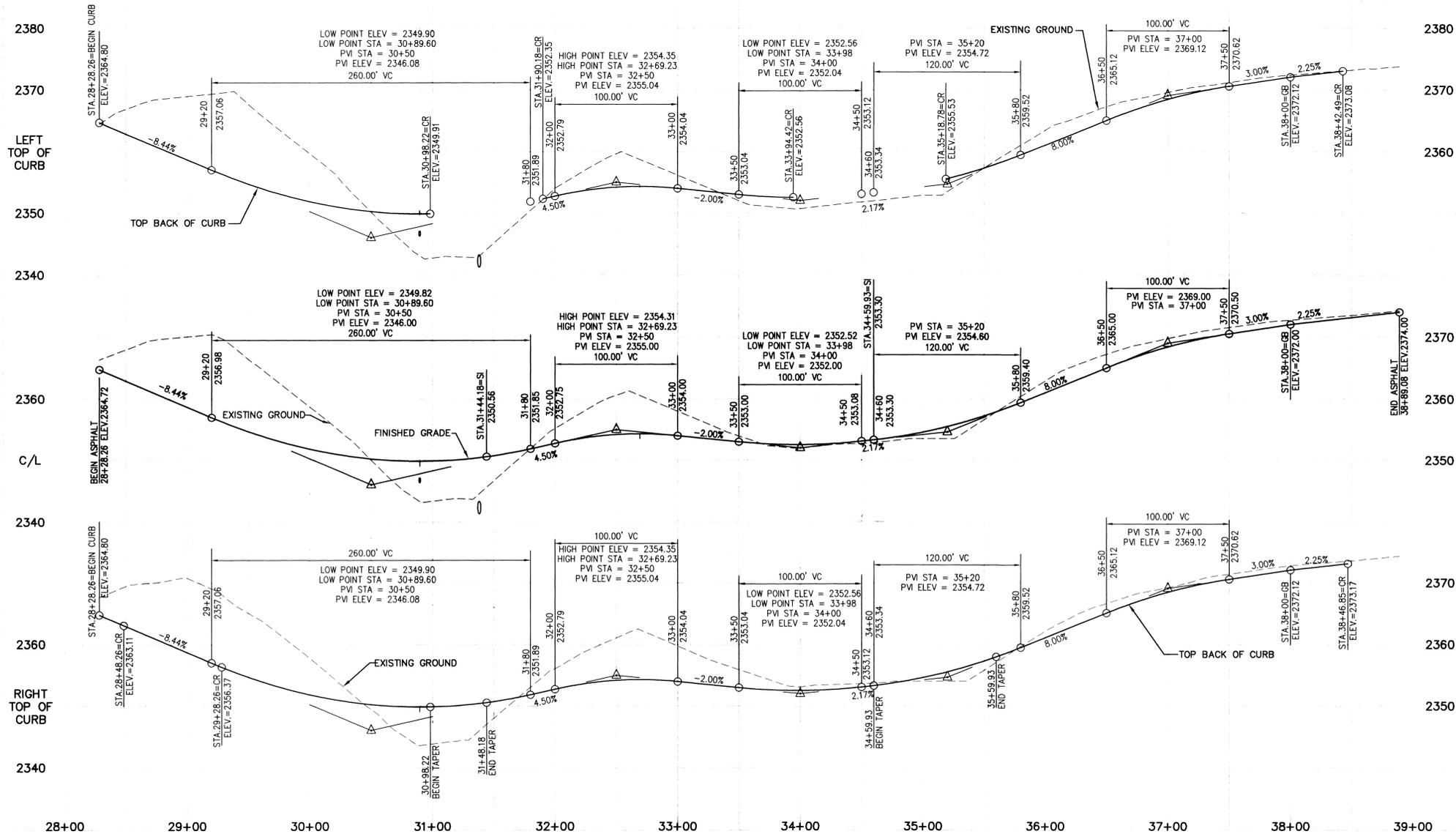
NOTE: CURB RADII FOR TYPE "R" CURB ARE TO TOP BACK OF CURB. RADII FOR CURVES C4 AND C5 ARE TO EDGE OF ASPHALT.

DEVELOPER'S APPROVAL

5-23-06 DATE

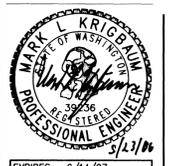
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1906A
DATE ACCEPTED: 5/23/06
ACCEPTANCE EXPIRES: 5/23/08
PROJECT LANE MILES PUBLIC: 0.39
PROJECT LANE MILES PRIVATE: 2.39
CONSTRUCTION DOCUMENTATION AND CERTIFIED
RECORD DRAWINGS, "AS-BUILT" ARE REQUIRED TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE AND REPAIRS.
PERMIT REQUIRED! (509) 477-2222
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

VERTICAL SCALE: 1"=10'



CLC ASSOCIATES
12730 E. MIRABEAU PKWY.
SUITE 100
SPOKANE VALLEY
WASHINGTON 99216
P 509 458 6840
F 509 458 6844
CLC@CLC.COM

STREET PLANS
TRICKLE CREEK 1ST ADDITION
46TH LANE
STA. 28+28.26 TO STA. 38+89.08
SPOKANE COUNTY, WASHINGTON



PREPARED UNDER THE DIRECT SUPERVISION OF
MARK L. KRIGBAUM
WASHINGTON REGISTRATION NO. 39236 PDR AND ON BEHALF OF CLC ASSOCIATES

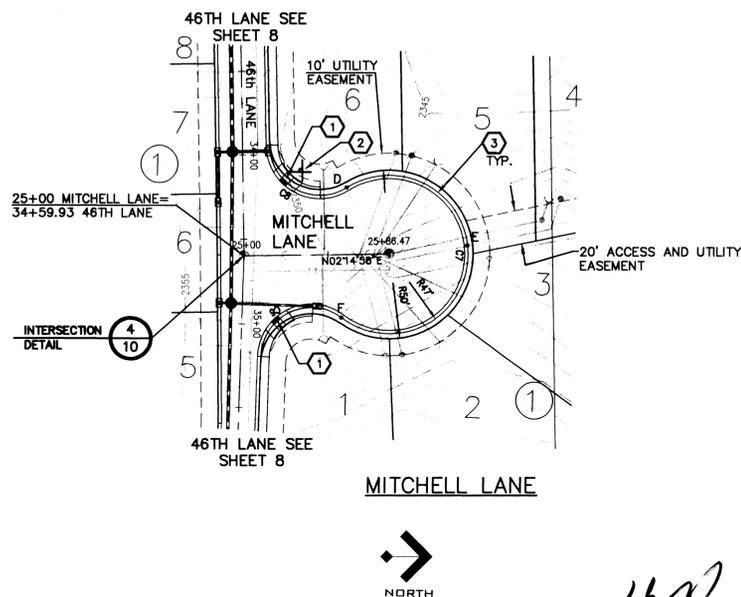
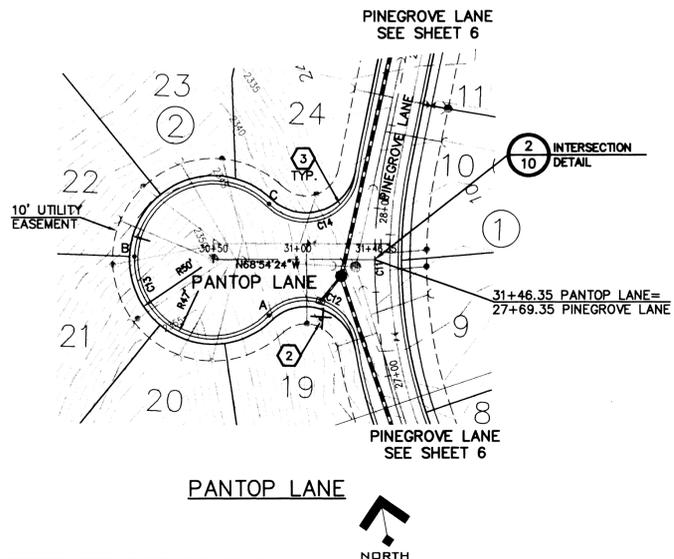
DATE: 11/15/05
DESCRIPTION: ORIGINAL PREPARATION
DRAWN BY: MJD
DESIGNED BY: MEL
CHECKED BY: MLK

P-1906A Emb Road Drainage

SECTION 2, T24 N, R 43 E, WM.
CITY OF SPOKANE, WASHINGTON

CURVE TABLE				
CURVE	LENGTH	RADIUS	TANGENT	DELTA
C6	65.55'	30.00'	57.86'	125°11'07"
C7	204.74'	47.00'	67.63'	249°35'41"
C8	63.72'	30.00'	53.79'	121°42'13"
C12	66.06'	30.00'	59.09'	126°09'59"
C13	221.79'	47.00'	46.69'	270°22'47"
C14	66.06'	30.00'	59.09'	126°09'59"

NOTE: ALL CURVE RADII ARE FROM TOP BACK OF CURB FOR TYPE "R" CURB, UNLESS OTHERWISE NOTED.



CONSTRUCTION NOTES

- CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "A".
- PROVIDE AND INSTALL (2) "PRIVATE ROAD" SIGNS PER SPOKANE COUNTY STANDARD PLAN A-16 AND M.U.T.C.D. STANDARDS.
- INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD PLAN A-3.

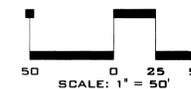
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # P1906A
DATE ACCEPTED: 5/23/06
ACCEPTANCE EXPIRES: 5/30/08
PROJECT LANE MILES PUBLIC: -
PROJECT LANE MILES PRIVATE: 0.39
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE. PERMIT REQUIRED! (509) 477-3800 NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

NAVD '88 DATUM
BASED ON 57TH & GLENROSE COUNTY ROAD PROJECT (CRP 2879) NOTES FROM COUNTY SURVEYOR DATED 12-12-00. USED COUNTY TBM'S 11-15 AS BASIS FOR VERTICAL DATUM.

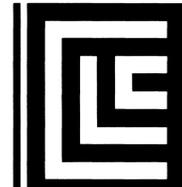
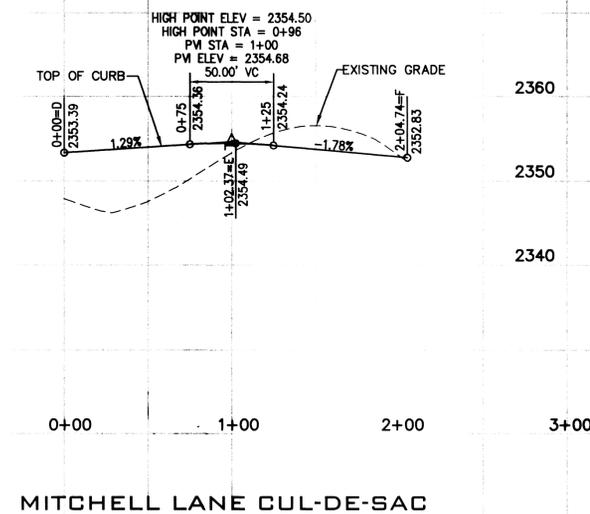
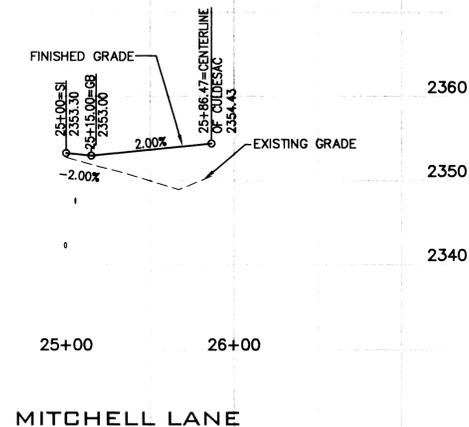
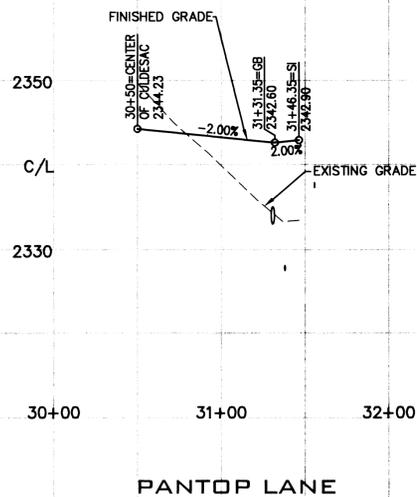
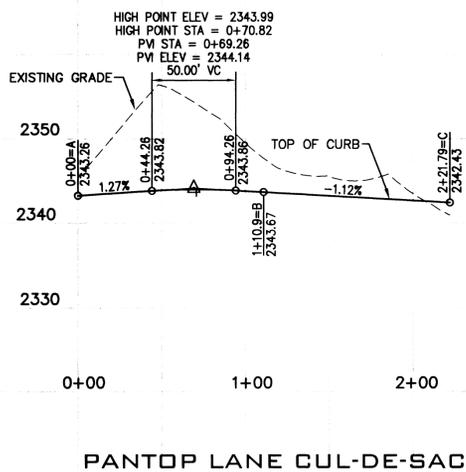
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
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DEVELOPER'S APPROVAL: *KAB*
DATE: 5-23-06



VERTICAL SCALE: 1"=10'



CLC ASSOCIATES
12730 E. MIRABEAU PKWY.
SUITE 100
SPOKANE VALLEY
WASHINGTON 99216
P 509 458 6840
F 509 458 6844
CLC@SPOC.COM

STREET PLANS
TRICKLE CREEK 1ST ADDITION
PANTOP AND MITCHELL LANES
STA. 30+50.00 TO PINEGROVE LANE
46TH LANE TO STA. 25+86.47
SPOKANE COUNTY, WASHINGTON



PREPARED UNDER THE DIRECT SUPERVISION OF
MARK L. KRIGBAUM
WASHINGTON REGISTRATION NO. 39226 FOR AND ON BEHALF OF CLC ASSOCIATES

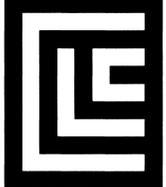
DATE: 11/15/05
DESCRIPTION: ORIGINAL PREPARATION

PROJECT # 8050235
DRAWN BY: M6J
DESIGNED BY: MEJ
CHECKED BY: MLK

P1906a Eng/Plan/Drainage

SECTION 235, T.2425 N., R. 43 E., W.M.
CITY OF SPOKANE, WASHINGTON

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1906A
DATE ACCEPTED: 5/30/06
ACCEPTANCE EXPIRES: 5/30/11
PROJECT LANE MILES PUBLIC: 0.39
PROJECT LANE MILES PRIVATE: 0.39
CONSTRUCTION DOCUMENTATION AND CERTIFIED
RECORD DRAWINGS, "AS-BUILT" 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
12730 E MIRABEAU PKWY
SUITE 100
SPOKANE VALLEY
WASHINGTON 99216
P 509 458 6842
F 509 458 6844
CLC@SBOC.COM

ARCHITECTURE
ENGINEERING PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

STREET PLANS
TRICKLE CREEK 1ST ADDITION
INTERSECTION DETAILS
SPOKANE COUNTY, WASHINGTON



PREPARED UNDER THE
DIRECT SUPERVISION OF
MARK L. KRIGBAUM
WASHINGTON REGISTRATION
NO. 39236 FOR AND ON
BEHALF OF CLC
ASSOCIATES
EXPIRES 6/14/07

DATE 11/15/05

DESCRIPTION ORIGINAL PREPARATION

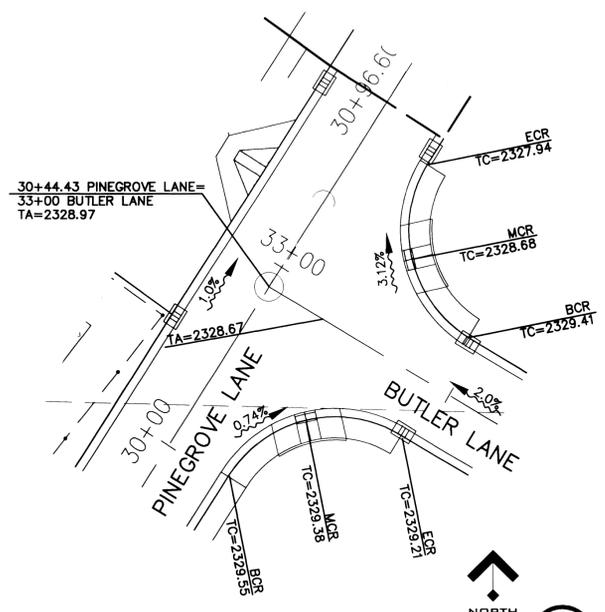
PROJECT # S050235

DRAWN BY: MGL

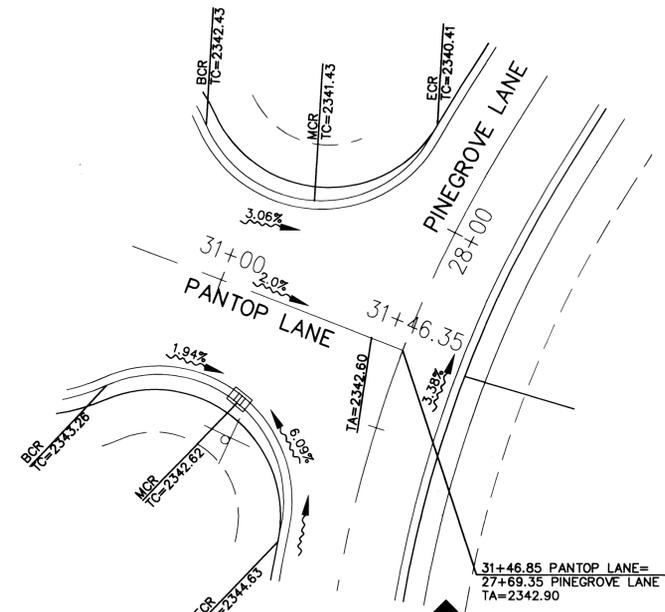
DESIGNED BY: MGL

CHECKED BY: MLK

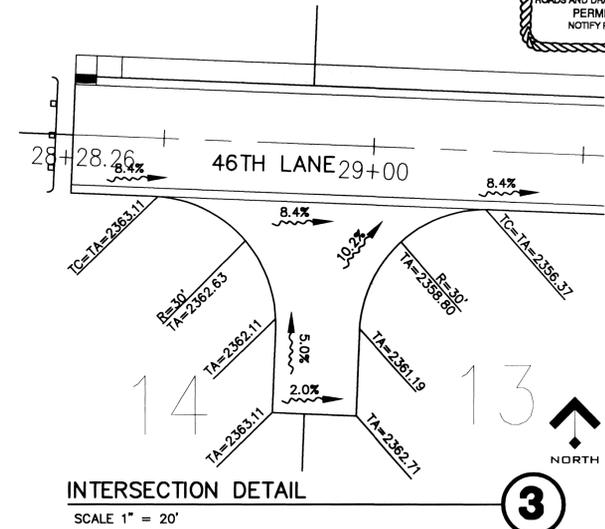
10 OF 14



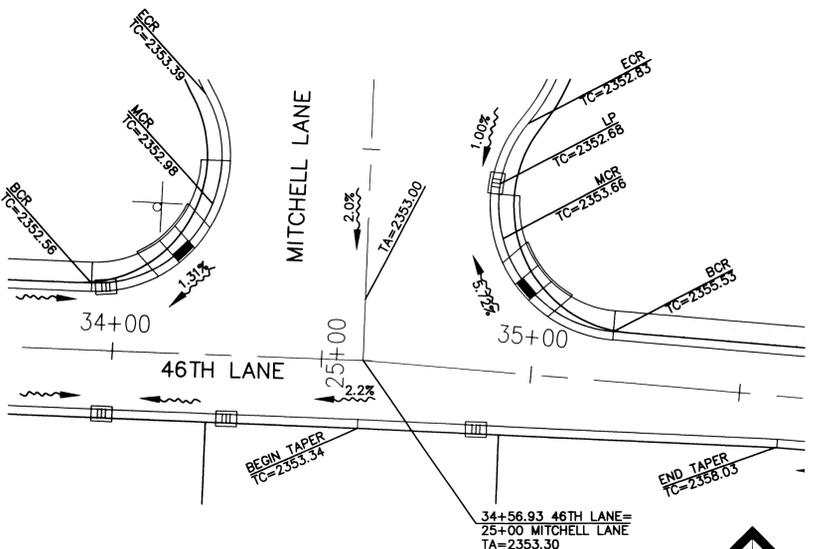
INTERSECTION DETAIL
SCALE 1" = 20'



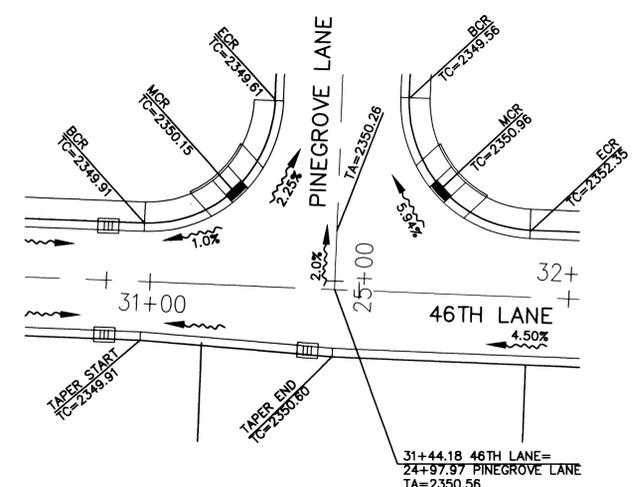
INTERSECTION DETAIL
SCALE 1" = 20'



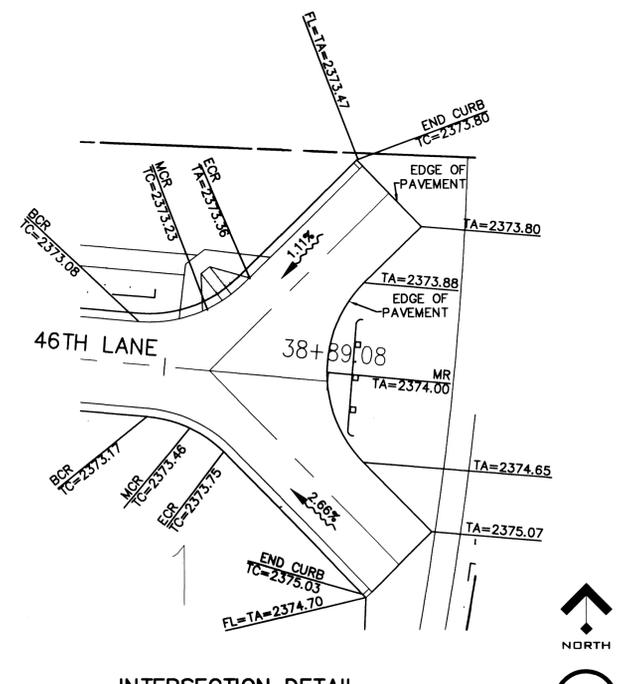
INTERSECTION DETAIL
SCALE 1" = 20'



INTERSECTION DETAIL
SCALE 1" = 20'



INTERSECTION DETAIL
SCALE 1" = 20'



INTERSECTION DETAIL
SCALE 1" = 20'

NAVD '88 DATUM

BASED ON 57TH & GLENROSE COUNTY ROAD
PROJECT (CRP 2879) NOTES FROM COUNTY
SURVEYOR DATED 12-12-00. USED COUNTY
TBM'S 11-15 AS BASIS FOR VERTICAL DATUM.

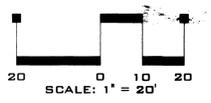
UNDERGROUND SERVICE ALERT
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DEVELOPER'S APPROVAL

DATE 5-23-06



P1906A Engineer's name



SECTION 2 & 35, T24 & 25 N, R 43 E, W.M.
CITY OF SPOKANE, WASHINGTON



CLC ASSOCIATES
12730 EAST MIRABEAU PARKWAY
SUITE 100
SPOKANE VALLEY
WASHINGTON 99216
P 509 458 8840
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CLC@CLC.COM
ARCHITECTURE
ENGINEERING PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

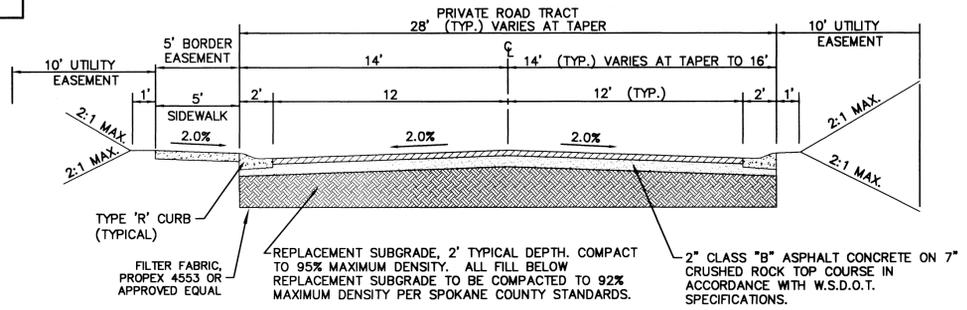
STREET PLANS
TRICKLE CREEK 1ST ADDITION
P.U.D.
STREET SECTIONS
SPOKANE COUNTY, WASHINGTON



EXPIRES 6/14/07
PREPARED UNDER THE DIRECT SUPERVISION OF
MARK L. KRIGBAUM
WASHINGTON REGISTRATION NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES

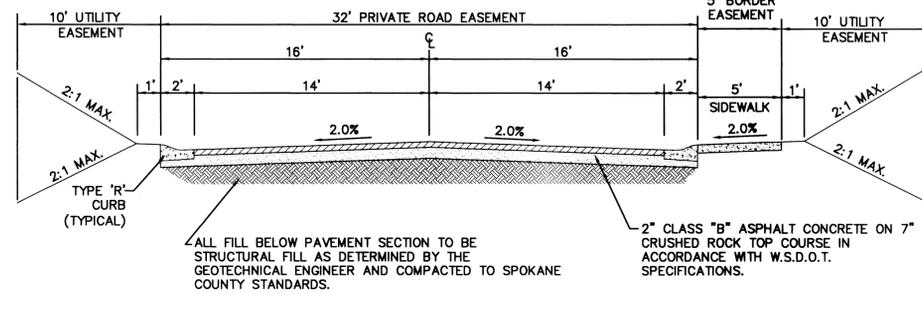
DESCRIPTION
INITIAL PREPARATION
DATE 11/15/05

PROJECT # 050235
DRAWN BY MEJ
DESIGNED BY MEJ
CHECKED BY MLK



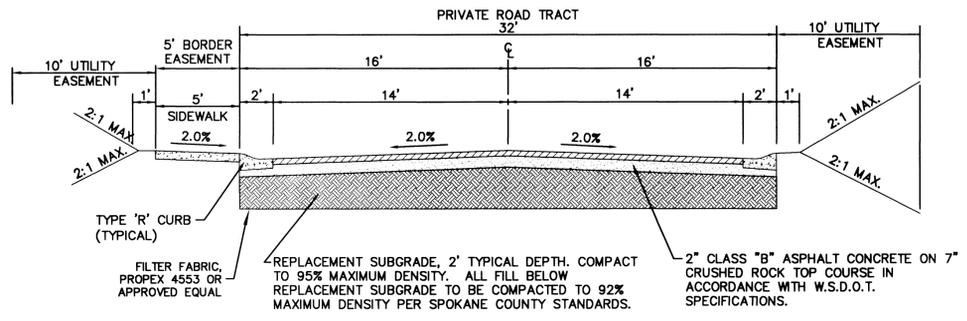
TYPICAL CROSS SECTION
NOT TO SCALE
46TH LANE STA. 28+28.26 TO STA. 31+44.18

1



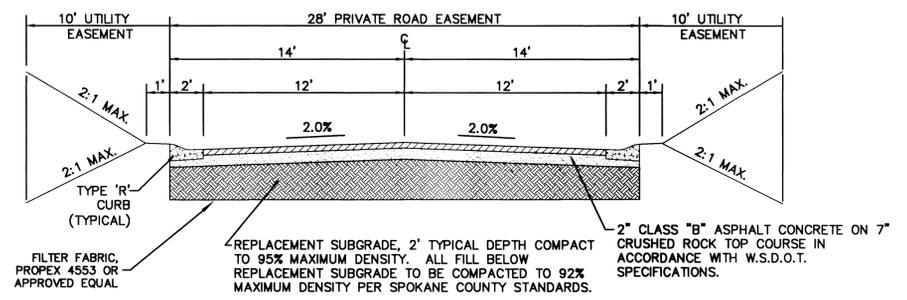
TYPICAL CROSS SECTION
NOT TO SCALE
PINEGROVE LANE STA. 24+97.97 TO STA. 30+96.60

5



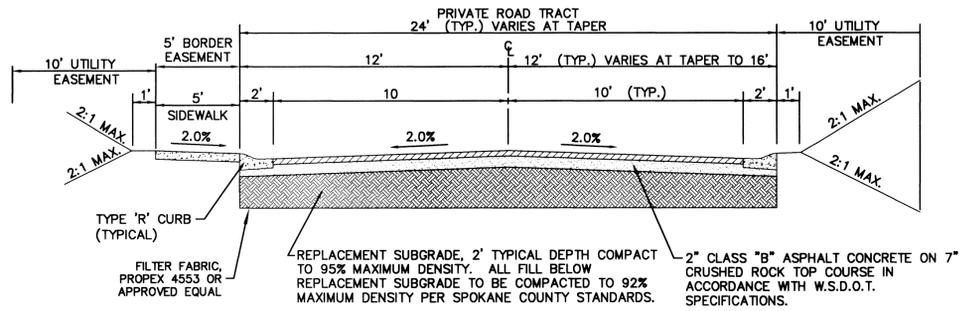
TYPICAL CROSS SECTION
NOT TO SCALE
46TH LANE STA. 31+44.18 TO STA. 34+59.93

2



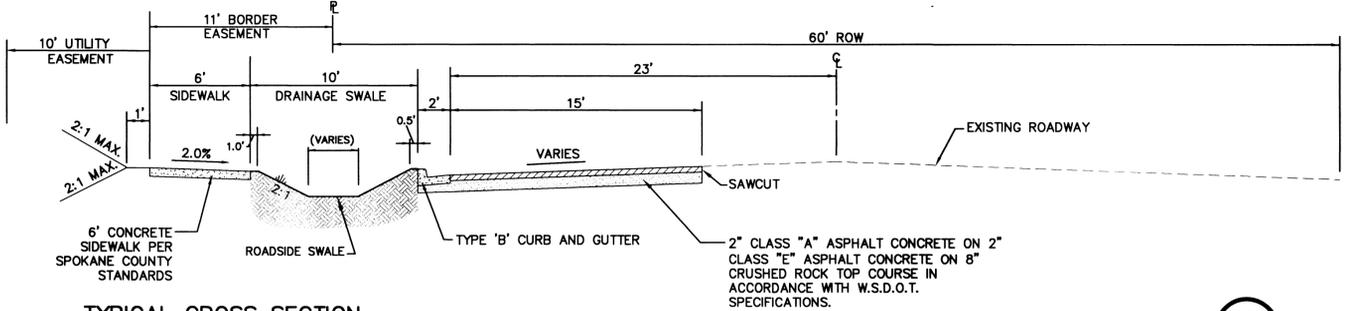
TYPICAL CROSS SECTION
NOT TO SCALE
BUTLER LANE STA. 33+00 TO STA. 34+94.90

6



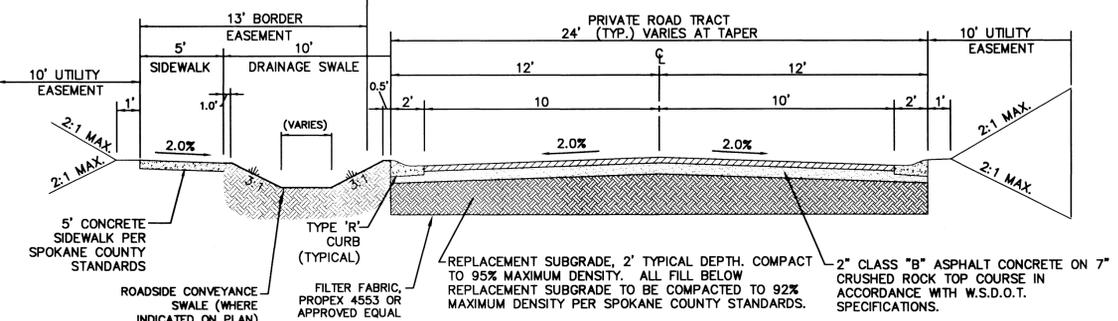
TYPICAL CROSS SECTION
NOT TO SCALE
46TH LANE STA. 34+59.93 TO STA. 36+50

3



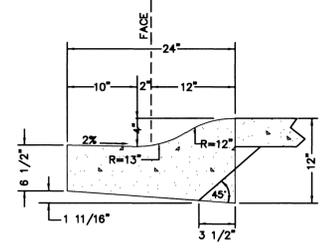
TYPICAL CROSS SECTION
NOT TO SCALE
GLENROSE ROAD STA. 46+47.89 TO STA. 48+23.25

7



TYPICAL CROSS SECTION
NOT TO SCALE
46TH LANE STA. 36+50 TO STA. 38+89.09

4



TYPE "R" CURB DETAIL
NOT TO SCALE

8

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1906A
DATE ACCEPTED: 5/20/06
ACCEPTANCE EXPIRES: 5/20/08
PROJECT LANE MILES PUBLIC: 2.39
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:
ROADWAY STRUCTURAL SECTION SHALL BE VERIFIED WITH ENGINEER AFTER SUBGRADE PREPARATION IS COMPLETE AND PRIOR TO PLACEMENT OF CRUSHED SURFACING TOP COURSE, TYPICAL FOR ALL ROADWAYS.

DEVELOPER'S APPROVAL
DATE 5-23-06

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.

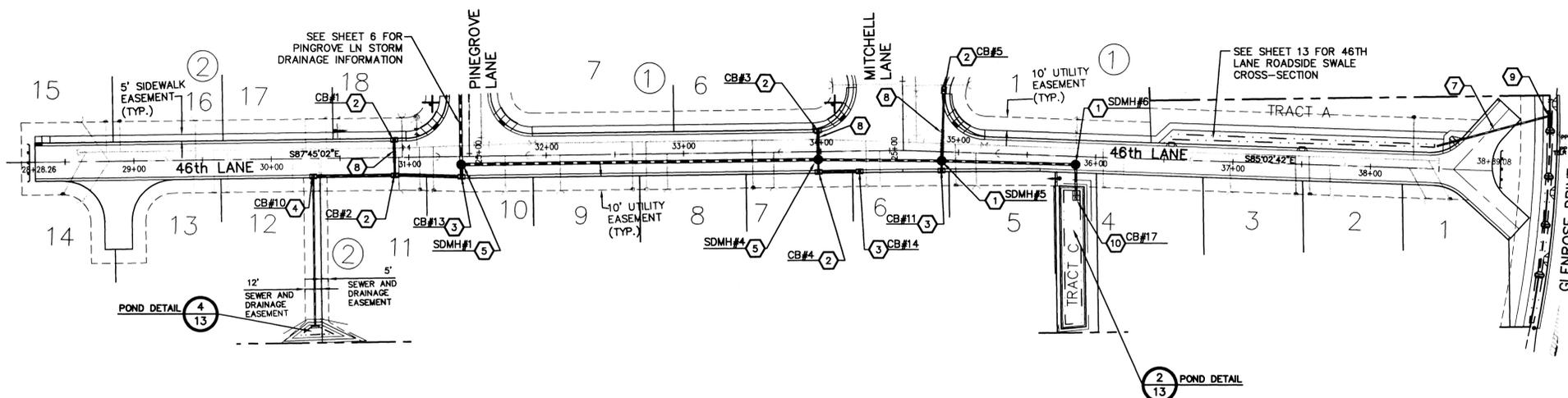
NAVD '88 DATUM
BASED ON 57TH & GLENROSE COUNTY ROAD PROJECT (CRP 2879) NOTES FROM COUNTY SURVEYOR DATED 12-12-00. USED COUNTY TBM'S 11-15 AS BASIS FOR VERTICAL DATUM.

P-1906A Eng Paul Drummey

SECTION 2, T24 N, R. 43 E, W.M.
SPOKANE COUNTY, WASHINGTON

CONSTRUCTION NOTES

- ① INSTALL TYPE 1-48 STORM MANHOLE WITH SOLID LID PER SPOKANE COUNTY STANDARD PLAN U-2.
- ② INSTALL TYPE 1 CATCH BASIN WITH TYPE 2 FRAME AND TYPE 3 GRATE WITH HOOD PER SPOKANE COUNTY STANDARD PLANS B-4, B-11 AND B-14. RIM ELEV.=2344.16, INV. ELEV.=2341.00
- ③ INSTALL TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
- ④ INSTALL WSDOT TYPE 2 GRATE INLET WITH FRAME AND VANED GRATE PER WSDOT STANDARD PLANS B-4c AND B-4d. INSTALL WITH LONG DIMENSION PERPENDICULAR TO ROAD CENTERLINE.
- ⑤ INSTALL 54" WSDOT CATCH BASIN TYPE 2 WITH SOLID LID PER WSDOT STANDARD PLAN B-1e AND B-25.
- ⑥ NOT USED.
- ⑦ INSTALL APPROX. 85.0 LF OF 12" DI STORM PIPE. IE(TRASH RACK)=2371.75, IE(OUTFLOW)=2371.30, S=0.0053 FT/FT.
- ⑧ SLEEVE STORM PIPE PER CITY OF SPOKANE STD. PLAN W-111.
- ⑨ INSTALL TRASH RACK PER DETAIL 6, SHEET 14.
- ⑩ INSTALL (2) WSDOT TYPE 1 GRATE INLETS PER WSDOT STANDARD PLAN B-4b. CONNECT WITH 18" MIN DIAMETER PIPE.

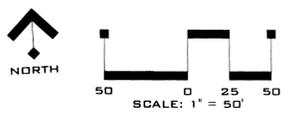


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RECORD DRAWINGS, "AS-BUILT" ARE REQUIRED PRIOR
TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE
ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3500
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PRIOR TO CONSTRUCTION

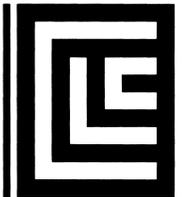
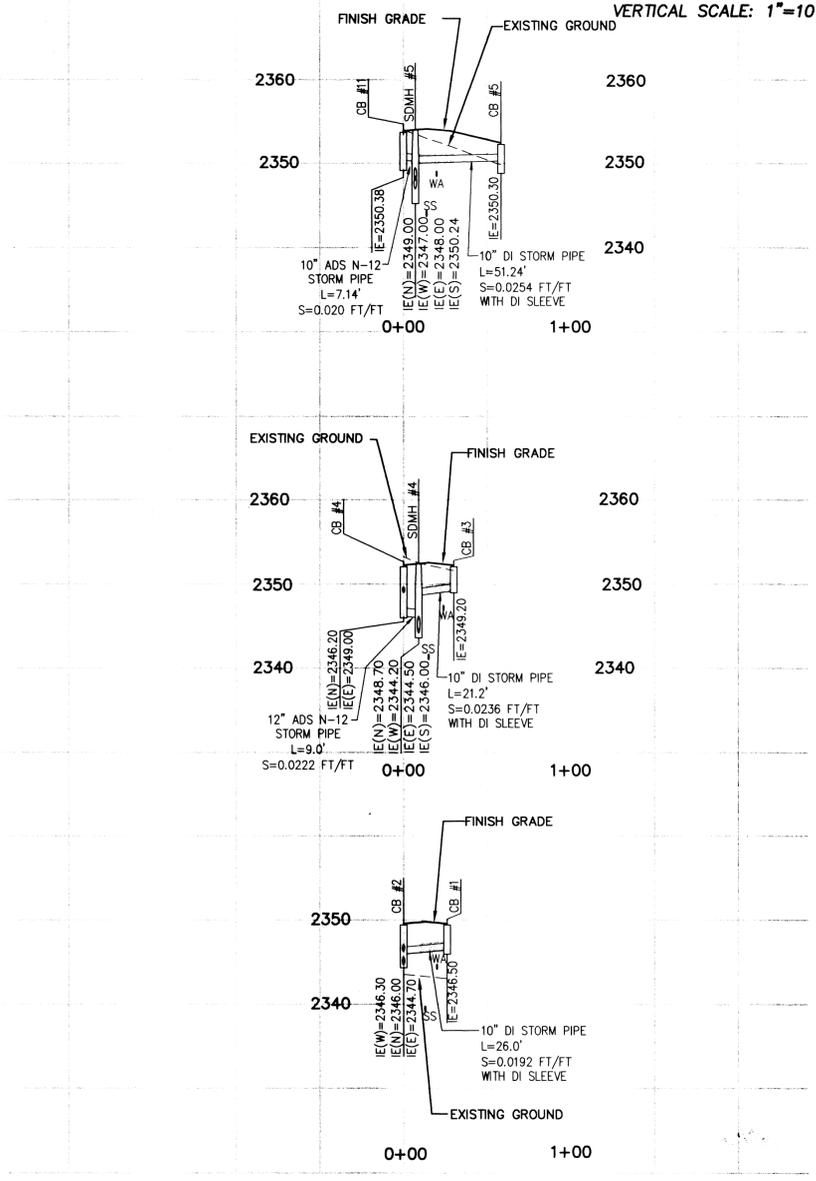
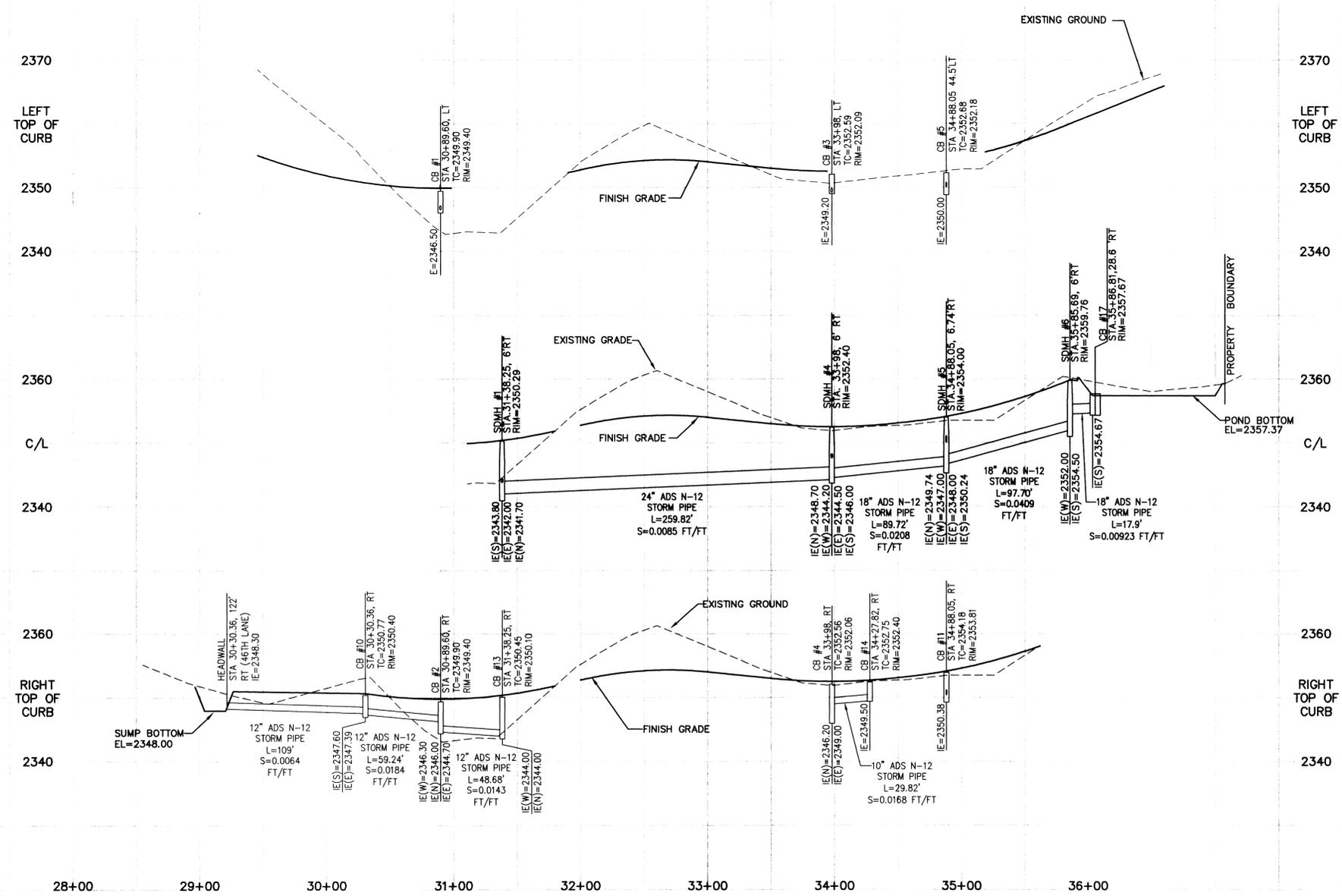
UNDERGROUND SERVICE ALERT
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BEFORE YOU DIG

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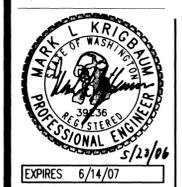
DEVELOPER'S APPROVAL: *[Signature]*
DATE: 5-23-06



CLC ASSOCIATES
12730 E. MIRABEAU PKWY.
SUITE 100
SPOKANE VALLEY
WASHINGTON 99216
P 509 458 6840
F 509 458 6844
CLC@SBC.COM

ARCHITECTURE
ENGINEERING PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

STREET AND STORM DRAINAGE CONSTRUCTION PLANS
**TRICKLE CREEK 1ST ADDITION
46TH LANE**
STA. 28+28.26 TO STA. 38+89.08
SPOKANE COUNTY, WASHINGTON



PREPARED UNDER THE
DIRECT SUPERVISION OF
MARK L. KRIGBAUM
WASHINGTON REGISTRATION
NO. 39236 FOR AND ON
BEHALF OF CLC
ASSOCIATES

DESCRIPTION ORIGINAL PREPARATION

DATE	DESCRIPTION
11/15/05	ORIGINAL PREPARATION

PROJECT #S050235
DRAWN BY: MEL
DESIGNED BY: MEL
CHECKED BY: MLK

P-1906A Englund, Drury



CLC ASSOCIATES
 12730 EAST MIRABEAU PARKWAY
 SUITE 100
 SPOKANE VALLEY
 WASHINGTON 99216
 P. 509 458 6840
 F. 509 458 6844
 CLC@CLC.COM

ARCHITECTURE
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STREET AND STORM DRAINAGE CONSTRUCTION PLANS
TRICKLE CREEK 1ST ADDITION
P.U.D.
POND DETAILS
 SPOKANE COUNTY, WA

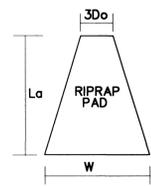


EXPIRES 6/14/07
 PREPARED UNDER THE DIRECT SUPERVISION OF
 MARK L. KRIGBAUM
 WASHINGTON REGISTRATION NO. 29236 FOR AND ON BEHALF OF CLC ASSOCIATES

DESCRIPTION ORIGINAL PREPARATION
 DATE 12/15/05

PROJECT #S050235
 DRAWN BY: MEJ
 DESIGNED BY: MEJ
 CHECKED BY: MLK

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

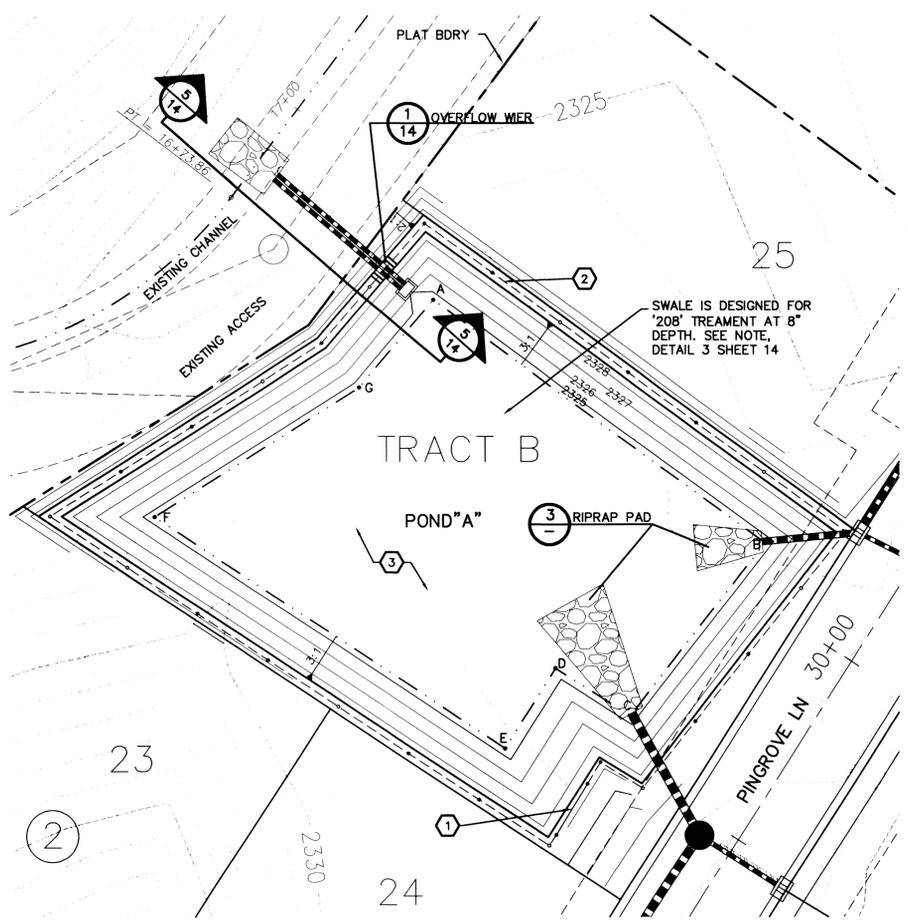


RIPRAP PAD DIMENSIONS					
POND	3Do	La	W	STONE SIZE	THICK.
A (NORTH)	5'	16'	11'	7" MIN.	1.0'
A (SOUTH)	6'	30'	18'	7" MIN.	1.5'

TYPICAL RIPRAP PAD
 NOT TO SCALE

CONSTRUCTION NOTES

1. INSTALL 12' WIDE ACCESS GATE.
2. INSTALL 6' HIGH "SEE THROUGH" FENCE.
3. POND BOTTOM IS DESIGNED FOR INFILTRATION. HEAVY EQUIPMENT TRAFFIC SHOULD BE MINIMIZED ON POND BOTTOM. SCARIFY FINISH GRADE PRIOR TO HYDROSEEDING OR SODDING.
4. HYDROSEED OR SOD ALL DISTURBED AREAS SEE DRYLAND GRASS SEED MIX, SHEET 14.



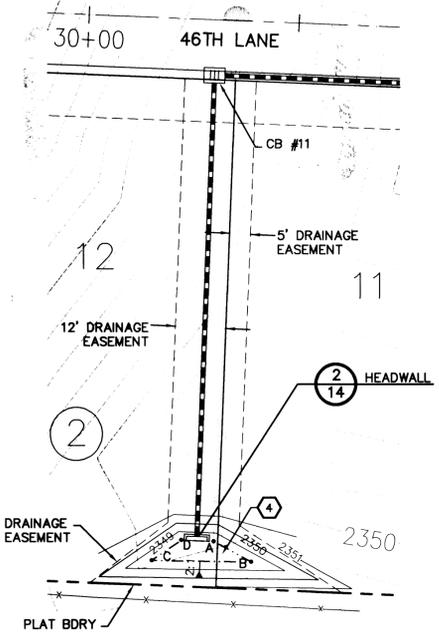
SWALE IS DESIGNED FOR '208' TREATMENT AT 8" DEPTH. SEE NOTE, DETAIL 3 SHEET 14

TRACT "C"
 FINISHED GRADE POND BOTTOM EL= 2357.37
 POND BOTTOM AREA PROVIDED = 1160 S.F.
 MINIMUM BERM ELEV. = 2358.37
 PERIMETER = 217 L.F.
 RIM ELEVATION = 2357.67

POND BOTTOM LOCATION TABLE (46TH LANE STATION & OFFSET)		
POINT	STATION	OFFSET
A	35+89.64	25.0' RT
B	35+94.17	120.8' RT
C	35+82.23	122.3' RT
D	35+77.63	25.0' RT

POND BOTTOM DIMENSION TABLE	
POINTS	LENGTH
A-B	95.9'
B-C	12.0'
C-D	97.4'
D-A	12.0'

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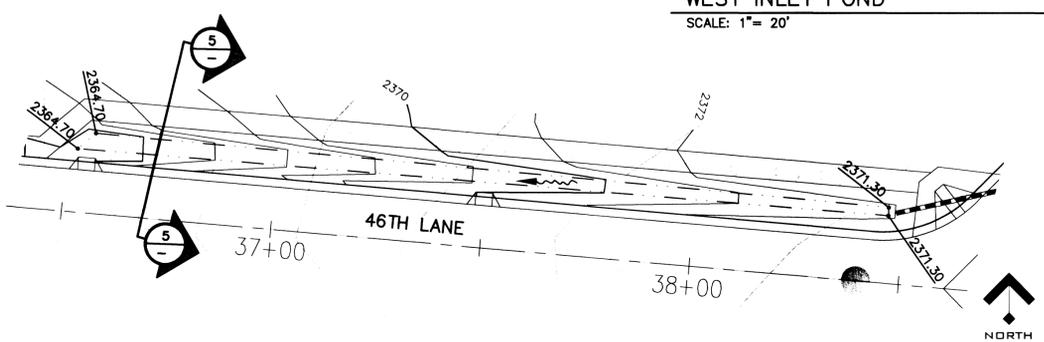
TRACT C DETAIL (EAST INLET POND)
 SCALE: 1" = 20'

CULVERT INLET SUMP
 FINISHED GRADE POND BOTTOM EL= 2348.00
 POND BOTTOM AREA PROVIDED = 76 S.F.
 MINIMUM BERM ELEV. = 2350.00
 PERIMETER = 50 L.F.
 CULVERT INVERT ELEVATION = 2348.30

POND BOTTOM LOCATION TABLE (46TH LANE STATION & OFFSET)		
POINT	STATION	OFFSET
A	30+34.41	123.0' RT
B	30+43.52	127.5' RT
C	30+19.83	128.1' RT
D	30+26.69	123.0' RT

POND BOTTOM DIMENSION TABLE	
POINTS	LENGTH
A-B	10.2'
B-C	23.7'
C-D	8.6'
D-A	7.7'

WEST INLET POND
 SCALE: 1" = 20'



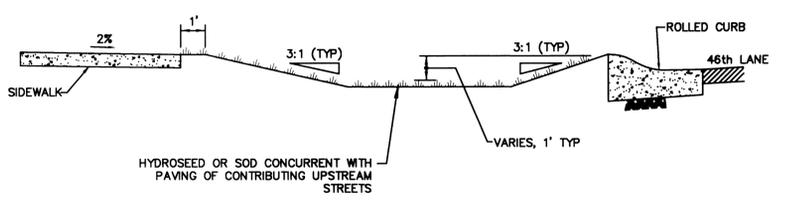
46TH LANE ROADSIDE CONVEYANCE SWALE
 SCALE: 1" = 20'

POND A
 FINISHED GRADE POND BOTTOM EL= 2324.50
 POND BOTTOM AREA PROVIDED = 7664 S.F.
 MINIMUM BERM ELEV. = 2328.50
 PERIMETER = 377 L.F.
 REQUIRED '208' VOLUME = 5080 C.F.
 PROVIDED '208' VOLUME = 5390 C.F.

POND BOTTOM LOCATION TABLE (PINGROVE LANE STATION & OFFSET)		
POINT	STATION	OFFSET
A	30+18.19	130.01' LT
B	30+12.43	32.54' LT
C	29+60.77	37.49' LT
D	29+60.58	58.50' LT
E	29+38.30	58.50' LT
F	29+39.16	159.18' LT
G	29+91.37	133.81' LT

POND BOTTOM DIMENSION TABLE	
POINTS	LENGTH
A-B	97.67'
B-C	51.90'
C-D	21.00'
D-E	22.28'
E-F	99.68'
F-G	57.62'
G-A	27.08'

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



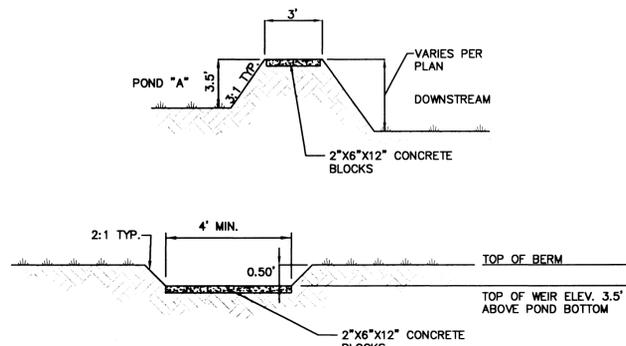
ROADSIDE CONVEYANCE SWALE DETAIL, TRACT "A"
 NOT TO SCALE

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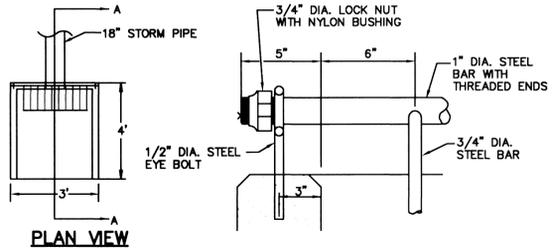
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 ONE-CALL NUMBER
456-8000
 CALL TWO BUSINESS DAYS BEFORE YOU DIG

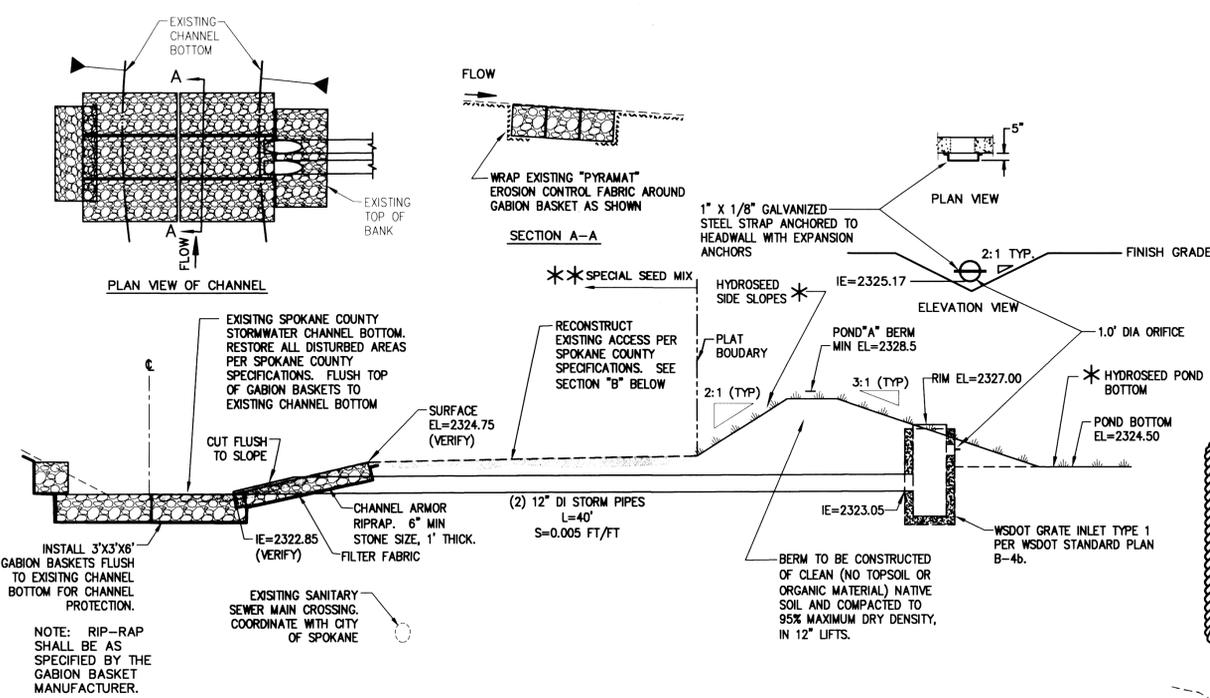
KLK
DEVELOPER'S APPROVAL
 DATE 5-23-06



POND "A" 100-YR OVERFLOW WEIR DETAIL
NOT TO SCALE **1**



CONCRETE HEADWALL WITH TRASH RACK
NOT TO SCALE **2**



POND "A" CROSS SECTION
NOT TO SCALE **5**

*** 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.

Hydroseeding, Hydroseeding, mulching, soil binder, tackling agent, etc. shall be in accordance with the provisions of Section 8-02.3(1)(c) EXCEPT for the seed mixture and rate the mixture will be applied which shall be as follows:

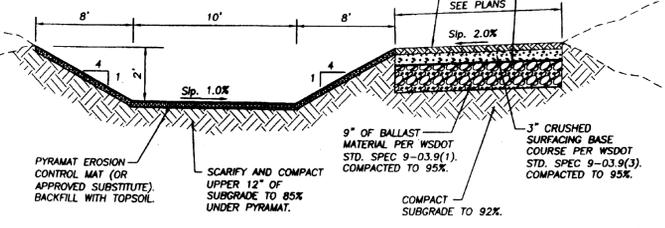
SPECIES	SEED PER LB	SEED RATE	SEEDS PER ACRE	SEED PER SQ FT	IN MIX
Slender Wheatgrass	150,000.00	8	1,200,000.00	27.54	26
Bluebunch Wheatgrass	117,500.00	6	705,000.00	16.18	20
Streambank Wheatgrass	142,000.00	6	852,000.00	19.55	20
Wheatgrass (dura fescue)	450,000.00	4	1,800,000.00	41.13	
Basin Wildrye	130,500.00	2	261,000.00	6	6.95
Big Bluegrass	900,000.00	2	1,800,000.00	41	6.95
Blue Flax	295,000.00	2	590,000.00	13.54	6.95
Nebraska Sedge	240,000.00	0.2	48,000.00	2	0.07
Beaked Sedge	525,000.00	0.2	105,000.00	2.41	0.07
Baltic Rush	110,000.00	0.05	5,500.00	1.26	0.01
TOTAL				295.22	100

The seeding rate as shown in the table above is 30.45 PLS (Pure Live Seed). The hydroseeding shall cover the entire width of excavated and disturbed area along the sewer installation and all maintenance roadway excavated and disturbed areas not part of the sewer pipe installation.

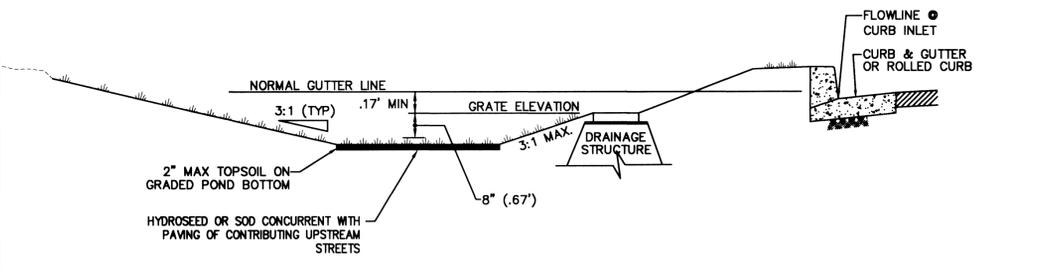
****SPECIAL SEED MIX FOR EXISTING CHANNEL AND ACCESS**

SPOKANE COUNTY ENGINEERS OFFICE
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NOTIFY PERMIT ENGINEER 30 DAYS PRIOR TO CONSTRUCTION.



EXISTING CHANNEL AND ACCESS SECTION "B"
STA. 11+00 - STA. 30+75

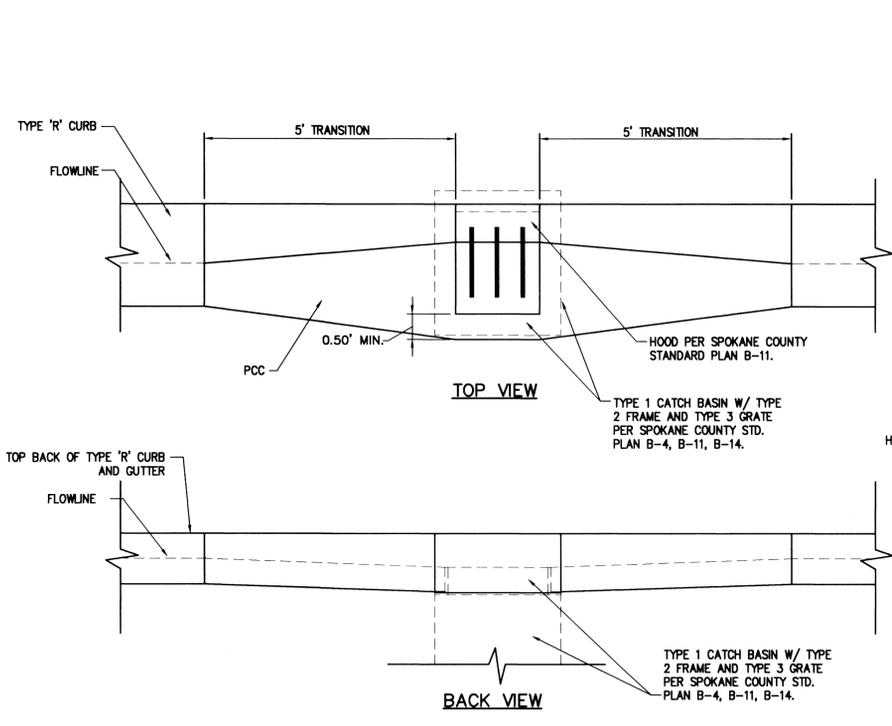


TYPICAL '208' POND WITH DRAINAGE STRUCTURE
NOT TO SCALE **3**

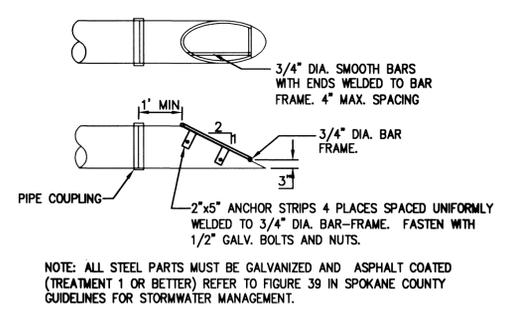
*** NOTE:**
DUE TO THE PROPOSAL TO UTILIZE 8 INCHES VERSUS 6 INCHES OF PONDED WATER QUALITY TREATMENT DEPTH, PRIOR TO FINAL CERTIFICATION OF THESE ROAD AND DRAINAGE FACILITIES, THE WATER TREATMENT SOIL NEEDS TO BE TESTED. THE SOIL IN THE 208 TREATMENT AREA(S) MUST HAVE AN AVERAGE CATION EXCHANGE CAPACITY 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.

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NOT USED
NOT TO SCALE **4**



SUMP GRATE TRANSITION DETAIL
NOT TO SCALE **7**



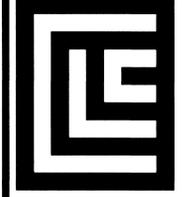
TRASH RACK DETAIL
NOT TO SCALE **6**

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.

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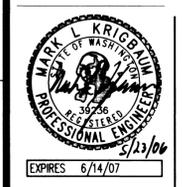
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STREET AND STORM DRAINAGE CONSTRUCTION PLANS
TRICKLE CREEK 1ST ADDITION
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DRAINAGE DETAILS
SPOKANE COUNTY, WASHINGTON



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