

**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.

- ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 2001", AND AS AMENDED.
- 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.
- 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.
- 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.
- 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.
- 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-1c.
- 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.
- 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.
- 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.
- ALL DRYWELL CONNECTION PIPES SHALL BE PLACED BELOW THE DRYWELL CONE AND SHALL FLOW AS DIRECTED IN THE PLANS.
- 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.
- 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 CONTRACTORS RESPONSIBILITY TO COORDINATE WORK WITH THESE OTHER PROJECTS.

**STORM DRAINAGE NOTES**

- SEE STREET PLAN AND PROFILE SHEETS FOR DRYWELL AND CATCH BASIN TYPES AND LOCATIONS.
- 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.
- ALL "208" PONDS SHOWN SHALL BE ROUGH GRADED PRIOR TO PAVING OF ADJACENT ROADWAY.
- CONTRACTOR SHALL PROVIDE SPOKANE COUNTY WITH AS-BUILT IRRIGATION PLANS UPON COMPLETION OF ALL POND CONSTRUCTION.
- INSTALL "AMOCO" #4545 FILTER FABRIC (OR APPROVED EQUAL) IN ALL DRYWELLS. SEE SPOKANE COUNTY STANDARDS (2001 EDITION) SHEET B-1c FOR INSTALLATION LOCATIONS.
- 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.
- 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.
- ALL LANDSCAPE AREAS ("208" PONDS) ARE TO BE IRRIGATED BY AN AUTOMATIC IRRIGATION SYSTEM INSTALLED BY OR UNDER THE DIRECTION OF THE LANDSCAPE CONTRACTOR. THE IRRIGATION SYSTEM SHALL COMPLY WITH ALL LOCAL CODES AND ORDINANCES (90 DAY GUARANTEE). AN APPROVED BACKFLOW DEVICE SHALL BE INSTALLED TO PREVENT WATER FROM GOING BACK INTO THE WATER SUPPLY.
- SLEEVING: PROVIDE SLEEVING AS REQUIRED UNDER SIDEWALKS, PATHS, CURBING, PAVING, ETC. AS NEEDED FOR IRRIGATION ACCESS. ALL SLEEVING TO BE 4" PVC WITH AT LEAST 12" OF COVER (1) FOOT BELOW FINISH GRADE. THE OWNER/GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING SLEEVING BEFORE CURBING, SIDEWALKS, PAVING, ETC. IS INSTALLED. PATCH ASPHALT AS NEEDED.
- LAWN AREAS: LAWN AREAS ARE TO BE IRRIGATED WITH TORO POP-UP HEADS OR EQUIVALENT. (TEST SYSTEM BEFORE BACKFILLING).
- ADJUSTMENT: AFTER INSTALLATION, ADJUST VALVES, HEADS, EMITTERS, ETC. TO PROVIDE UNIFORM COVERAGE AND TO MINIMIZE OVER SPRAY ON WALLS, FENCES, WALKS, DRIVES, ETC.
- WATER POWER SUPPLY: THE OWNER/ GENERAL CONTRACTOR IS TO SUPPLY WATER TAPS FOR HOOK-UP AND SUPPLY POWER FOR CONTROLLER.
- 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.

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

**CAUTION: NOTICE TO CONTRACTOR**

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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.

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

Surveying was provided by Jeff Mackleit of Century Survey.

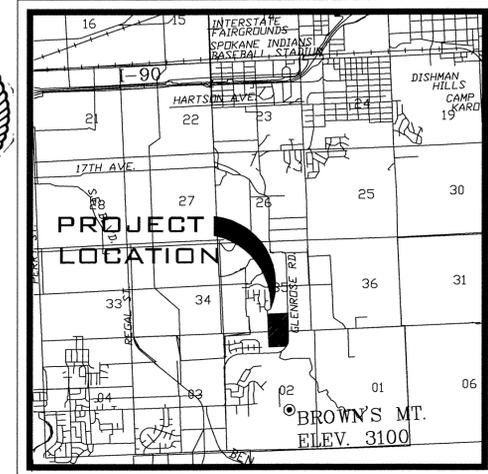


**COVER SHEET**  
FOR

**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

**RECORD DRAWINGS**



**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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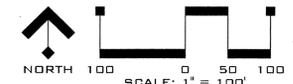
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**LEGEND**

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	

**DEVELOPER'S APPROVAL**

**DATE**



1906 A Eng As-Built

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



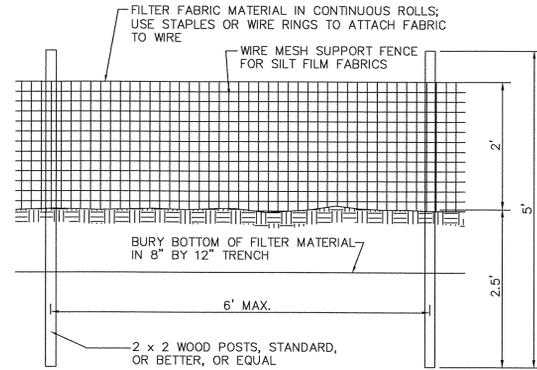
EXPIRES 6/14/07  
PREPARED UNDER THE DIRECT SUPERVISION OF MARK L. KRIGBAUM, WASHINGTON REGISTRATION NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES

ORIGINAL PREPARATION 11-15-05

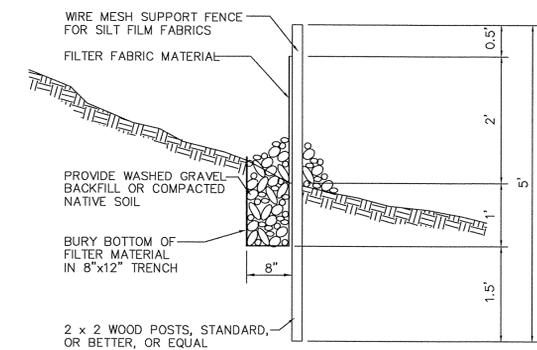
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# COVER SHEET FOR TRICKLE CREEK 1ST ADDITION P.U.D. TEMPORARY EROSION & SEDIMENT CONTROL PLAN SECTIONS 2 & 35, T. 24 & 25 N., R. 43 E, W.M. SPOKANE COUNTY, WASHINGTON

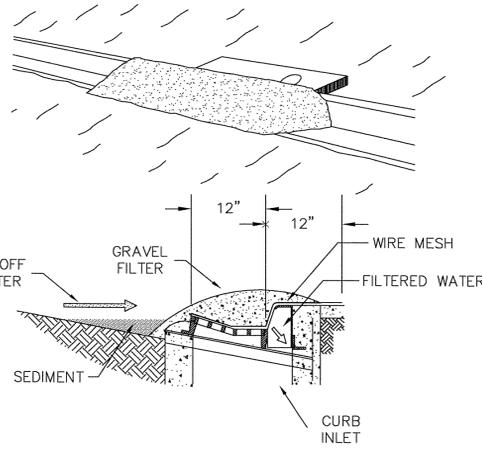


ELEVATION

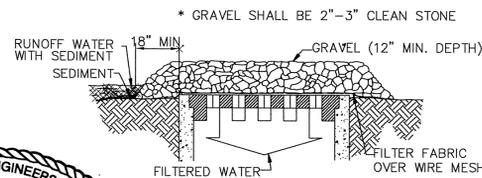


SECTION

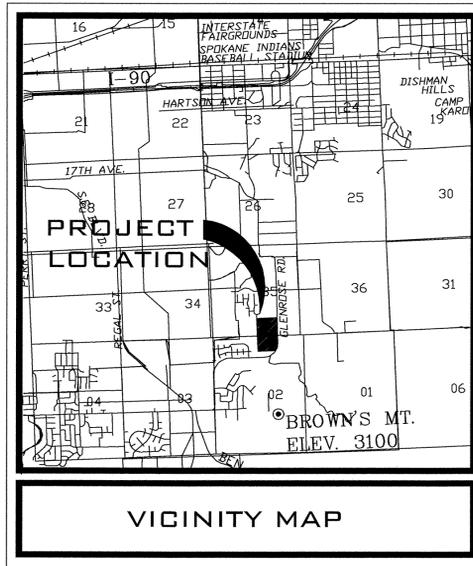
SILT FENCE DETAIL  
NOT TO SCALE



GRAVEL FILTER DETAIL  
NOT TO SCALE



GRAVEL AND WIRE MESH  
INLET SEDIMENT FILTER  
NOT TO SCALE



VICINITY MAP

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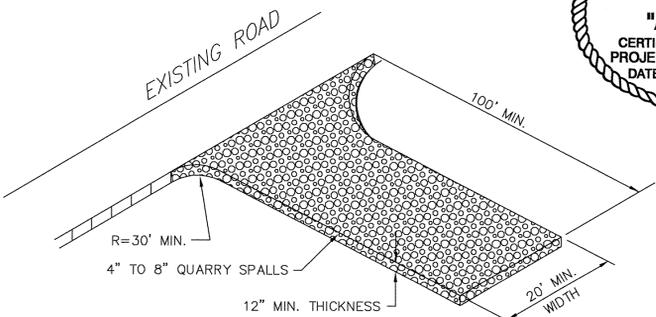
### LEGAL DESCRIPTION

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;

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- 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

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

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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



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### 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 (Psa AND Psb)
- STABILIZATION OF DENUED 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. / ACRE
- 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.

### MAINTENANCE

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF THE TEMPORARY E.S.C. MEASURES.
- SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RUNOFF-PRODUCING RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
- NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF FILTER FABRIC SHALL BE ACCOMPLISHED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RUNOFF-PRODUCING RAINFALL. DEPOSITS MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY 1/2 THE HEIGHT OF THE BARRIER.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE E.S.C. STRUCTURE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDDED.
- ALL TEMPORARY AND PERMANENT E.S.C. PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
- ALL TEMPORARY E.S.C. MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMP'S ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DIRT, MUD AND OTHER CONSTRUCTION DEBRIS WHICH MAY ACCUMULATE ON PAVED STREETS ADJACENT TO THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY. CLEANING SHALL BE ON AN "AS NEEDED" BASIS USING SWEEPING AND WATER TO WASH THE CONSTRUCTION DEBRIS FROM THE STREET.
- ON-SITE DUST CONTROL SHALL BE ACCOMPLISHED BY USING WATER. APPLICATIONS OF WATER MAY BE REQUIRED SEVERAL TIMES PER DAY DURING CONSTRUCTION ACTIVITY.

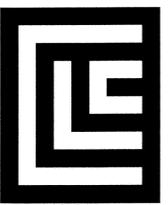
CERTIFICATION STATEMENT: I CERTIFY THAT THIS EROSION AND SEDIMENT CONTROL PLAN MEETS THE E.S.C. REQUIREMENTS AS LISTED IN CHAPTER 4.5 OF THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT.

MARK L. KRIGBAUM

# RECORD DRAWINGS

DEVELOPER'S APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

1906-04 Eng As-Built



12730 EAST 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

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

ORIGINAL PREPARATION  
11-15-05  
T.E.S.C. COVER SHEET

5050338  
M.L.  
M.L.  
M.L.K.

# 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

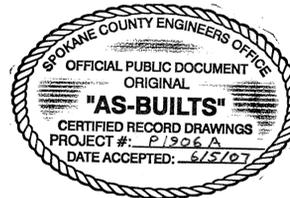
# RECORD DRAWINGS

### 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

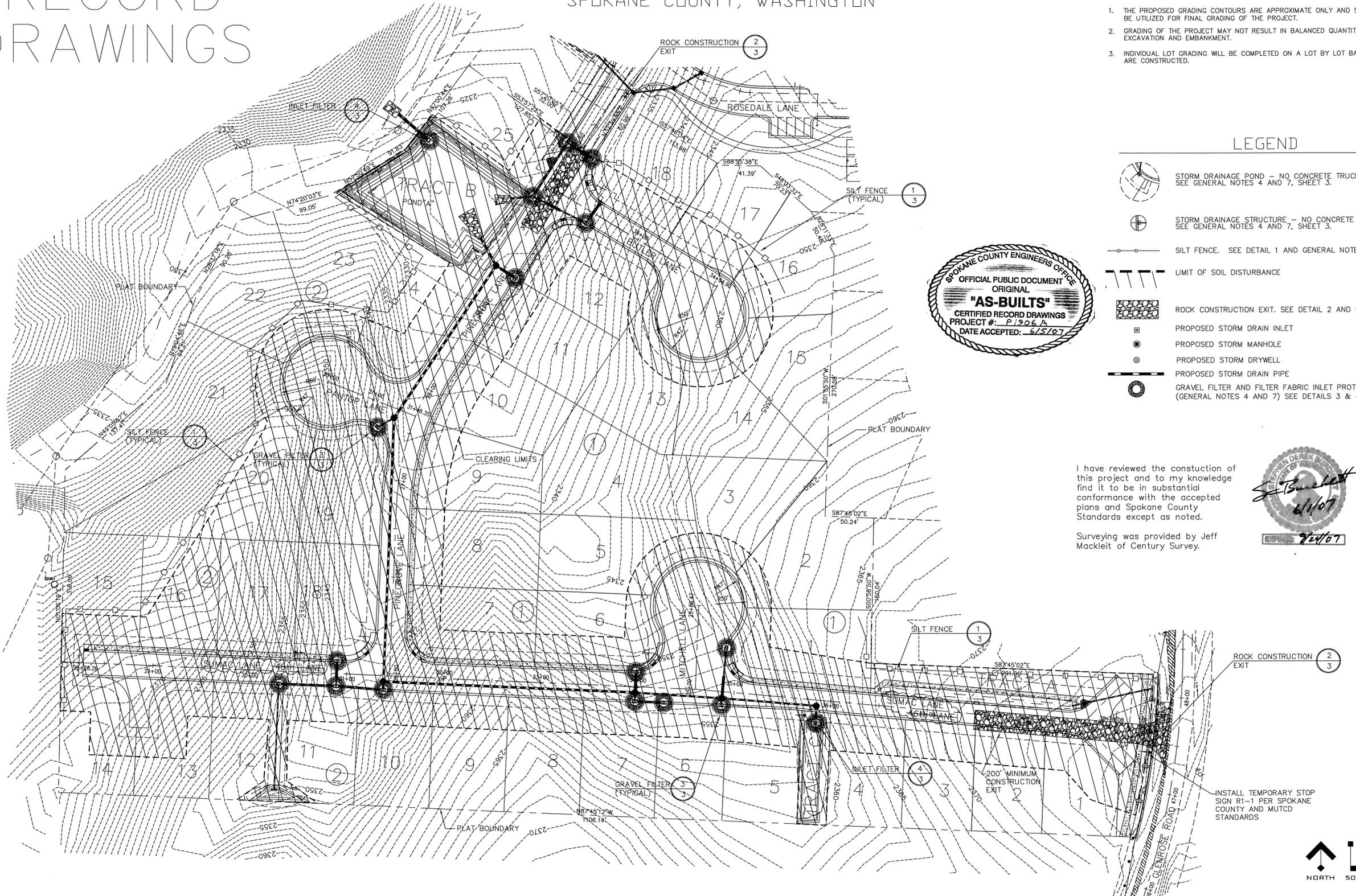
-  STORM DRAINAGE POND - NO CONCRETE TRUCK WASHOUT. SEE GENERAL NOTES 4 AND 7, SHEET 3.
-  STORM DRAINAGE STRUCTURE - NO CONCRETE TRUCK WASHOUT. SEE GENERAL NOTES 4 AND 7, SHEET 3.
-  SILT FENCE. SEE DETAIL 1 AND GENERAL NOTE 5, SHEET 3.
-  LIMIT OF SOIL DISTURBANCE
-  ROCK CONSTRUCTION EXIT. SEE DETAIL 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.



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



Surveying was provided by Jeff Mackleit of Century Survey.



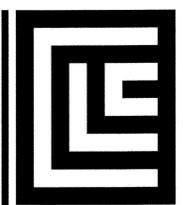
THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO APPLICABLE EDITIONS OF THE SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION AND THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT. ALL DESIGN DEVIATIONS HAVE BEEN APPROVED BY THE SPOKANE COUNTY ENGINEER. I APPROVE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

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.

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

DEVELOPER'S APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_



12730 EAST 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

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

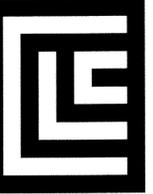


EXPIRES 6/14/07  
PREPARED UNDER THE DIRECT SUPERVISION OF MARK L. KRIGBAUM WASHINGTON REGISTRATION NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES

ORIGINAL PREPARATION  
11-15-05  
EROSION CONTROL PLAN

8050235  
MEJ  
MLK

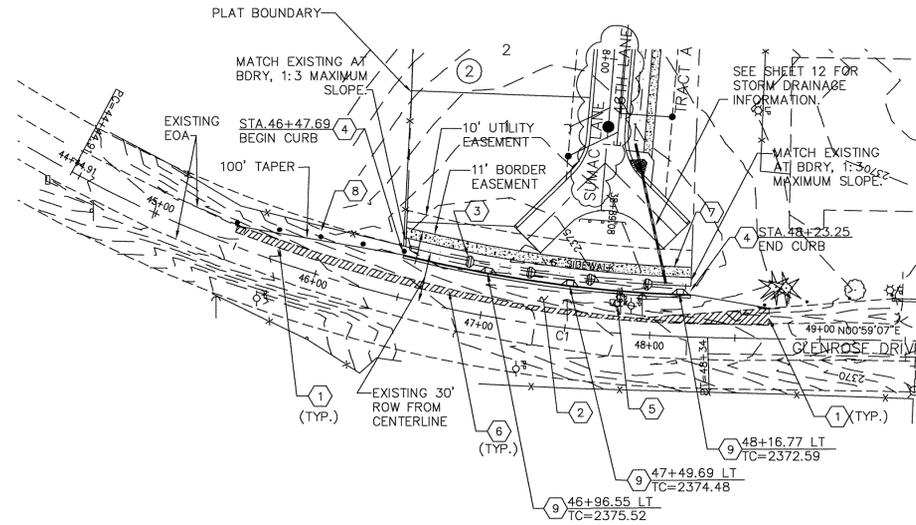
1906-A Eng As-Built



12730 EAST MIRABEAU  
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SUITE 100  
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WASHINGTON 99216  
P 509 458 6840  
F 509 458 6844  
CLCASSOC.COM  
ARCHITECTURE  
ENGINEERING PLANNING  
LANDSCAPE ARCHITECTURE  
LAND SURVEYING

**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**



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

Surveying was provided by Jeff Mackleit of Century Survey.



CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	818.51'	389.09'	198.29'	385.44'	27°14'11"

**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.

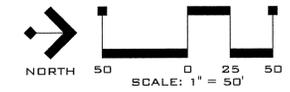
**UNDERGROUND SERVICE ALERT**  
ONE-CALL NUMBER  
**456-8000**  
CALL TWO BUSINESS DAYS BEFORE YOU DIG

**CAUTION: NOTICE TO CONTRACTOR**

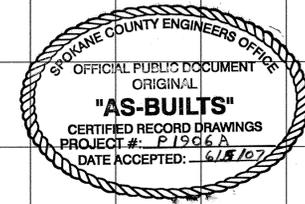
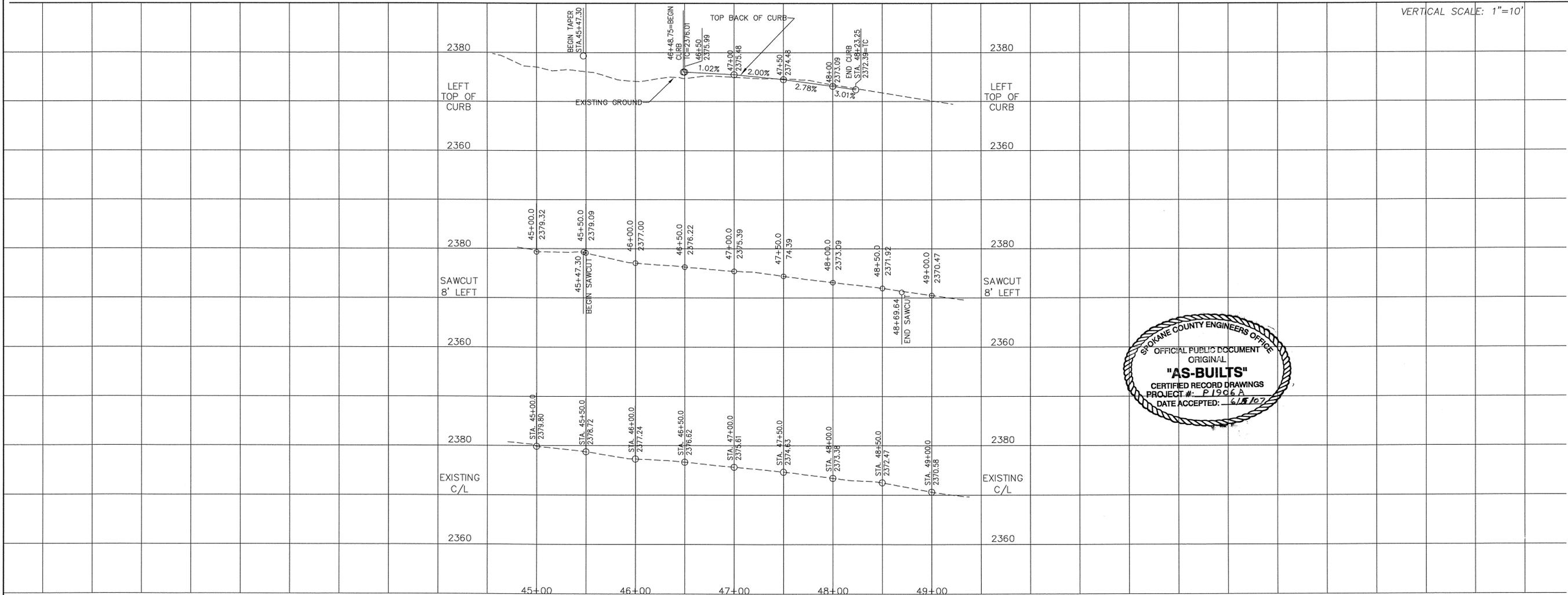
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DEVELOPER'S APPROVAL

DATE



VERTICAL SCALE: 1"=10'



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

ORIGINAL PREPARATION  
11/15/05  
M.G.J.  
M.E.L.  
M.L.K.

8050235  
M.G.J.  
M.E.L.  
M.L.K.

SECTIONS 2 & 35, T.24 & 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".

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

Surveying was provided by Jeff Mackleit of Century Survey.



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.

# RECORD DRAWINGS

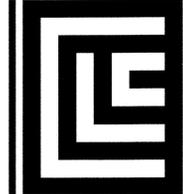
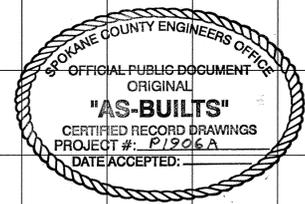
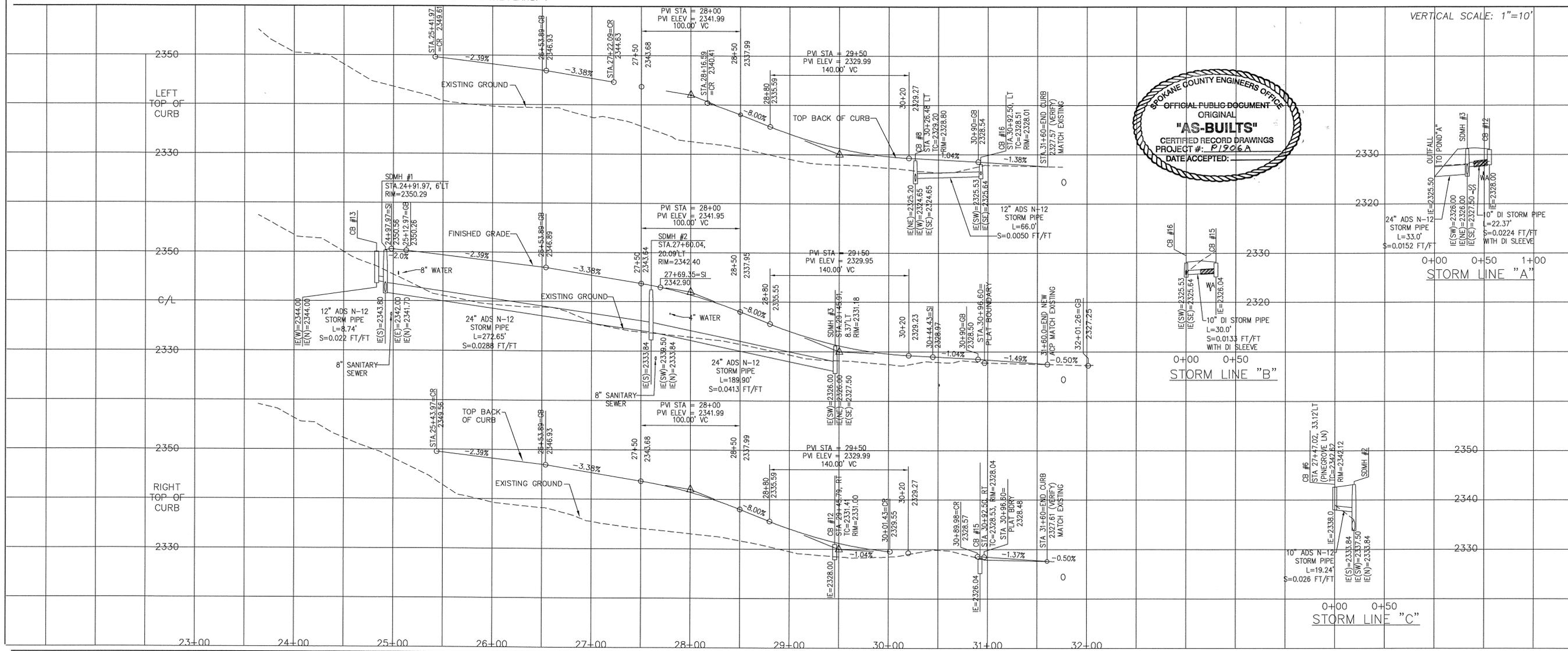
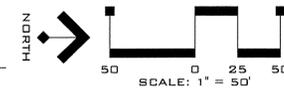
NAVD '88 DATUM  
BASED ON 57TH & GLENROSE COUNTY ROAD PROJECT (CRP 2879) NOTES FROM COUNTY SURVEYOR DATED 12-12-00. USED COUNTY TBM'S 11-15 AS BASIS FOR VERTICAL DATUM.



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DEVELOPER'S APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_



CLC ASSOCIATES  
12730 EAST MIRABEAU PARKWAY  
SUITE 100  
SPOKANE VALLEY WASHINGTON 99216  
P 509 458 6840  
F 509 458 8841  
CLC@SPOKANE.COM

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

11/15/05 ORIGINAL PREPARATION  
PINEGROVE LANE

8050235  
MGL  
MLK

# RECORD DRAWINGS

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

Surveying was provided by Jeff Mackleit of Century Survey.



CURVE TABLE				
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.

## 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.

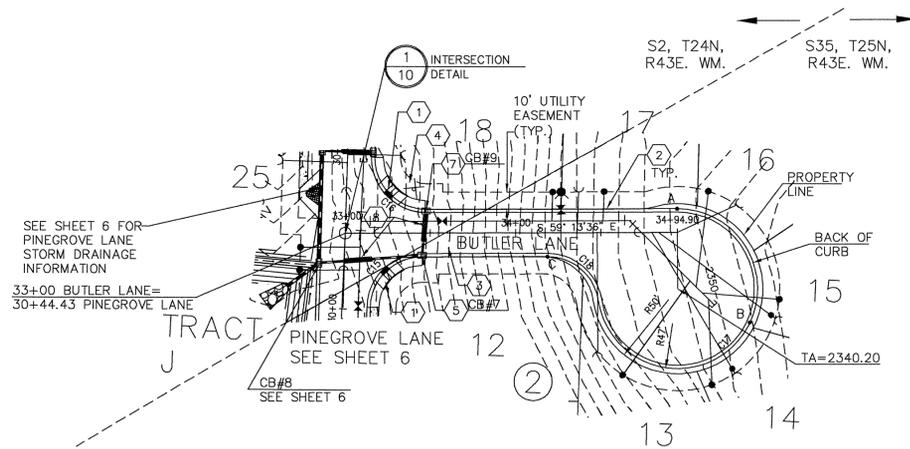


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SECTION 35, T.25 N., R 43 E., W.M.  
CITY OF SPOKANE, WASHINGTON

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

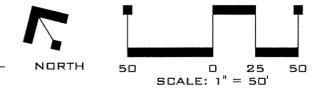


### CONSTRUCTION NOTES

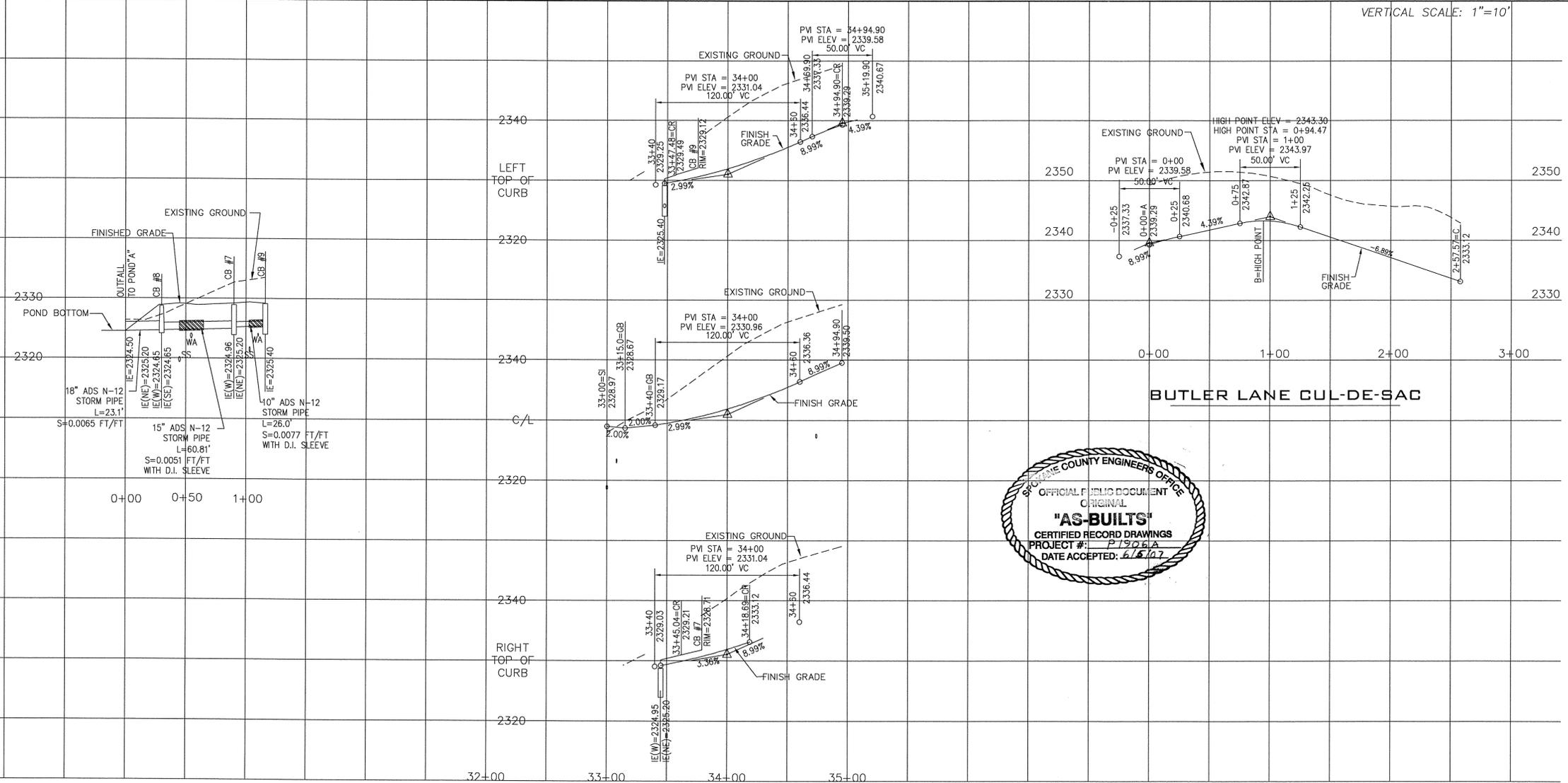
- CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "A".
- INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
- CONSTRUCT PAVEMENT SECTION. SEE DETAIL 6, SHEET 11 FOR TYPICAL PINEGROVE LANE CROSS SECTION.
- INSTALL (2) "PRIVATE LANE" STREET SIGNS PER SPOKANE COUNTY STANDARD PLAN A-16 AND M.U.T.C.D. STANDARDS.
- 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=2329.20, RIM ELEV.=2328.70.
- INSTALL TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
- 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.
- SLEEVE STORMWATER PIPE AT WATER LINE CROSSING FOR 10' EITHER SIDE OF WATER LINE, PER SPOKANE COUNTY STD. DWG W111.

DEVELOPER'S APPROVAL

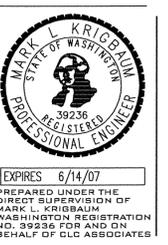
DATE



VERTICAL SCALE: 1"=10'



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



ORIGINAL PREPARATION  
11/07/05  
△ . . . . .  
.....  
.....

8050235  
MGJ  
MEJ  
MLK

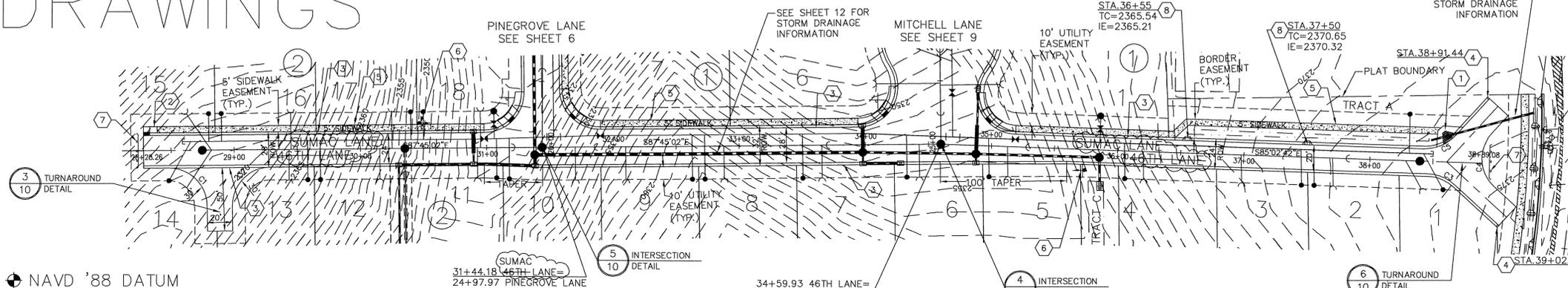
1906-A Eng. Co. - Built

# RECORD DRAWINGS

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

## CONSTRUCTION NOTES

- CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "B".
- CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "A".
- INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
- END CURB, NOSE DOWN CURB IN 1' AT CURB END.
- INSTALL 5' SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-4.
- INSTALL "DEAD END" SIGN PER M.U.T.C.D AND SPOKANE COUNTY STANDARDS.
- PROVIDE AND INSTALL TYPE 1 TRAFFIC BARRICADE, WSDOT STANDARD PLAN C-1, WITH (3) OM4-3 END OF ROADWAY SIGNS.
- INSTALL TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-8.



NAV D '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.

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"

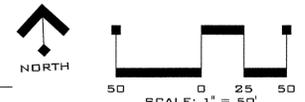
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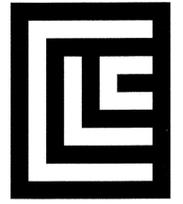
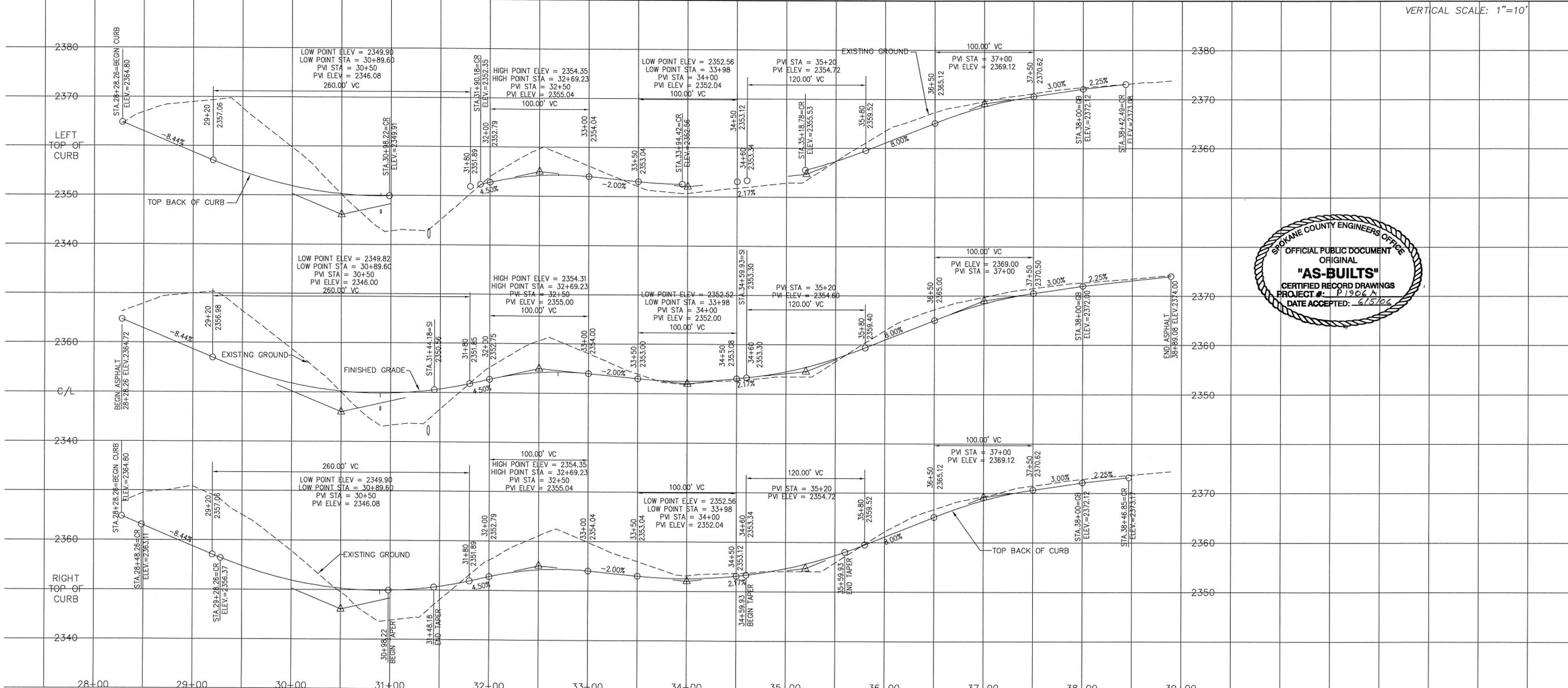
Surveying was provided by Jeff Mackleit of Century Survey.

DEVELOPER'S APPROVAL

DATE



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12730 EAST MIRABEAU PARKWAY  
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P 509 458 6800  
F 509 458 0844  
CLC@SPOKANE.COM

STREET PLANS  
**TRICKLE CREEK 1ST ADDITION**  
**SUMAC LANE**  
STA. 28+28.26 TO STA. 38+89.08  
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

11/15/05 ORIGINAL PREPARATION

8050235  
MBJ  
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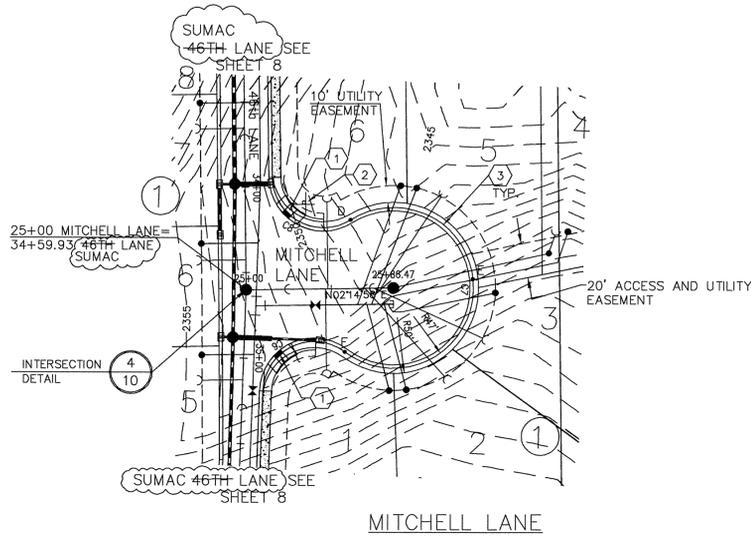
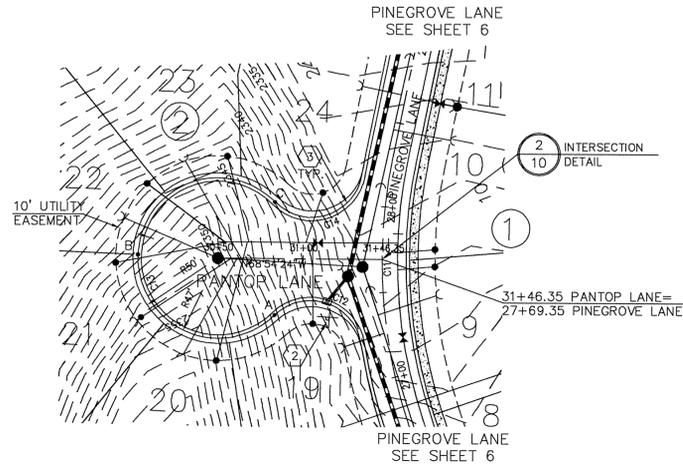
SECTION 2, T.24 N., R 43 E., W.M.  
CITY OF SPOKANE, WASHINGTON

CONSTRUCTION NOTES

- ① CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN "A".
- ② PROVIDE AND INSTALL (2) "PRIVATE ROAD" SIGNS PER SPOKANE COUNTY STANDARD PLAN A-16 AND M.U.T.C.D. STANDARDS.
- ③ INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARD PLAN A-3.

CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C6	65.55'	30.00'	57.86'	53.27'	125°11'07"
C7	204.74'	47.00'	67.63'	77.19'	249°35'41"
C8	63.72'	30.00'	53.79'	52.40'	121°42'13"
C12	66.06'	30.00'	59.09'	53.50'	126°09'59"
C13	221.79'	47.00'	46.69'	66.25'	270°22'47"
C14	66.06'	30.00'	59.09'	53.50'	126°09'59"

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



# RECORD DRAWINGS

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

Surveying was provided by Jeff Mackleit of Century Survey.



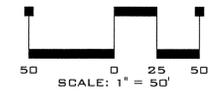
NAVD '88 DATUM  
BASED ON 57TH & GLENROSE COUNTY ROAD PROJECT (CRP 2879) NOTES FROM COUNTY SURVEYOR DATED 12-12-00. USED COUNTY TBM'S 11-15 AS BASIS FOR VERTICAL DATUM.



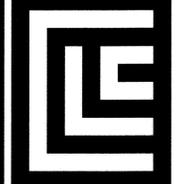
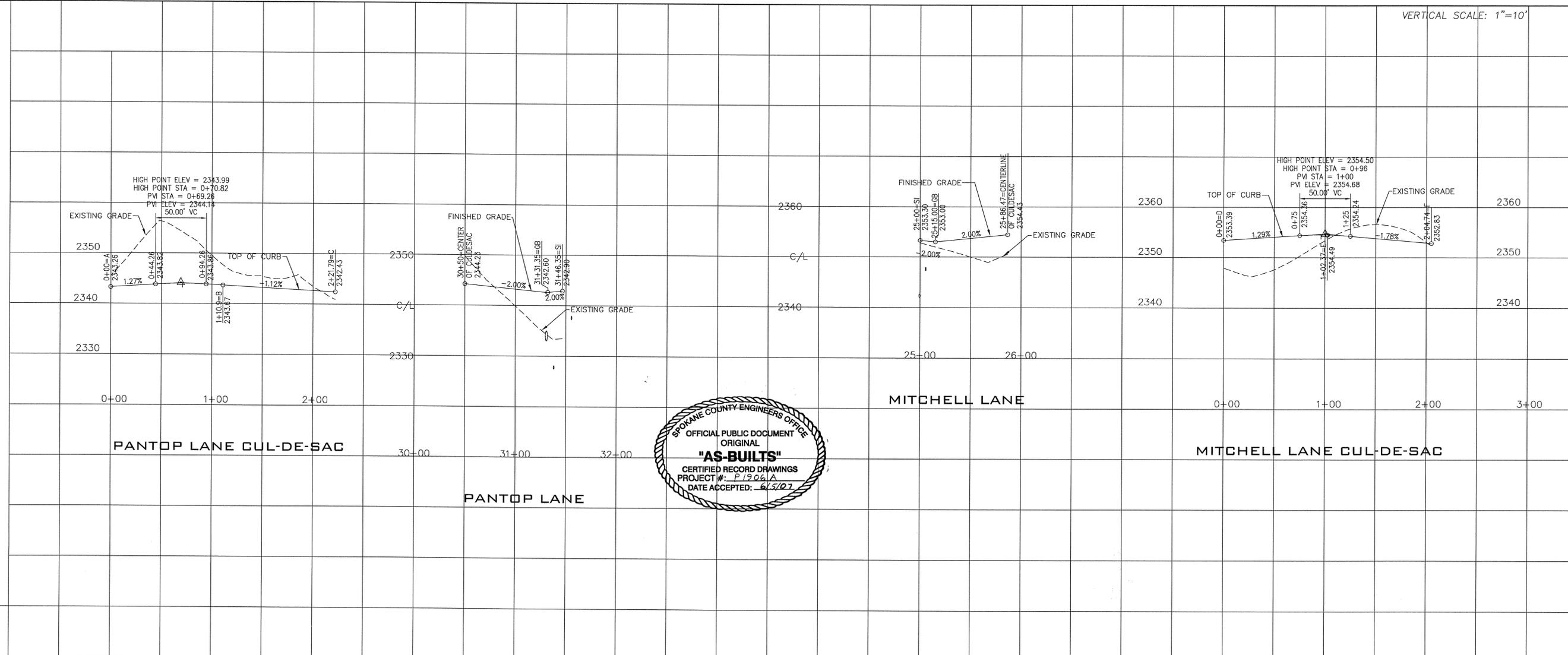
CAUTION: NOTICE TO CONTRACTOR

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DEVELOPER'S APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_



VERTICAL SCALE: 1"=10'



CLC ASSOCIATES  
12730 EAST 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  
PANTOP AND MITCHELL LANES**  
STA. 30+50.00 TO PINEGROVE LANE  
SUMAC LANE TO STA. 25+86.47  
SPOKANE COUNTY, WASHINGTON

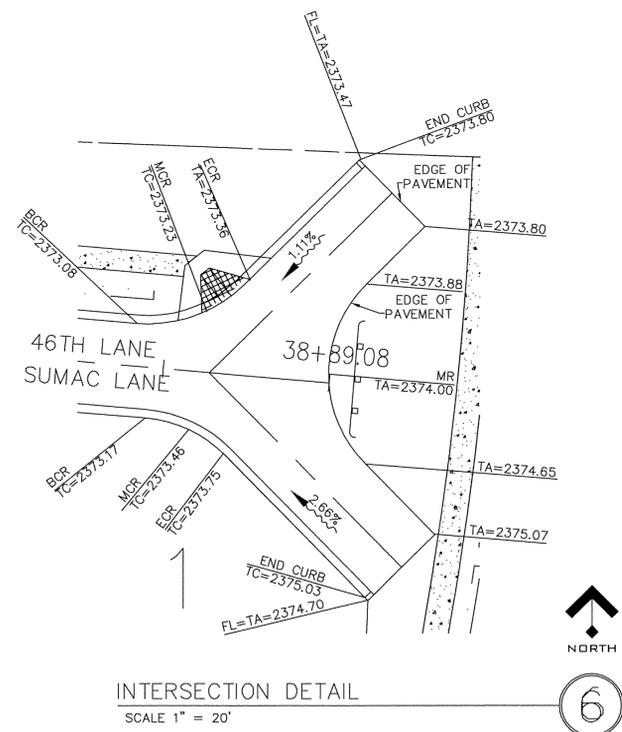
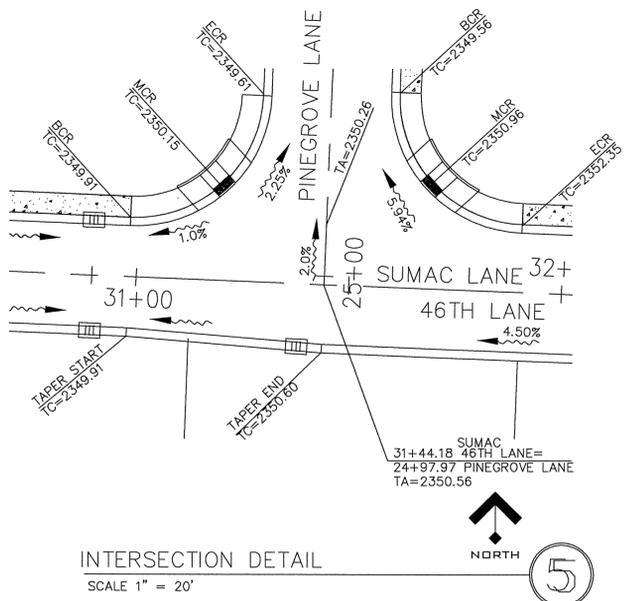
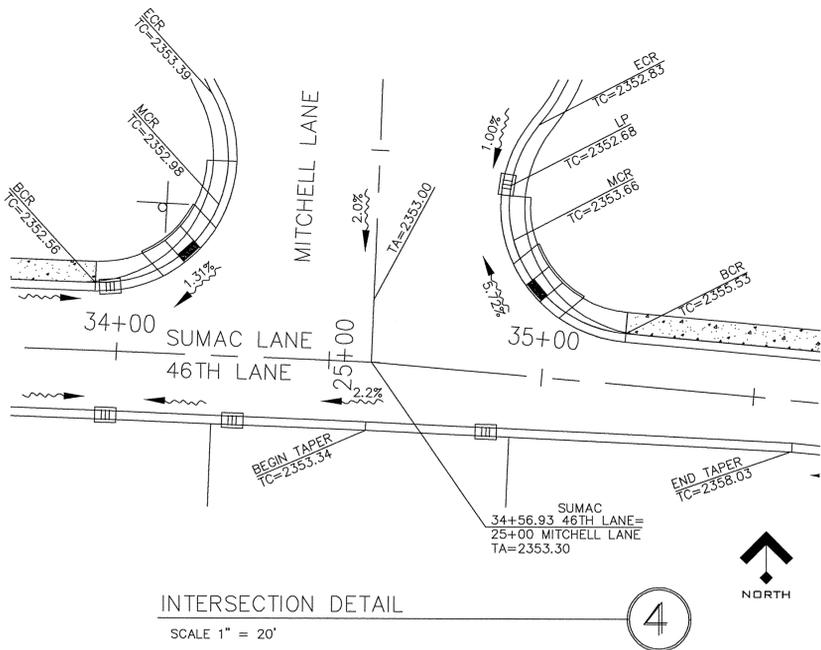
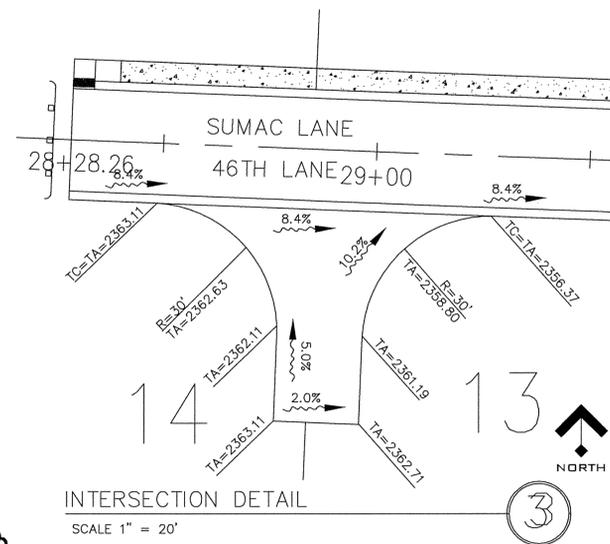
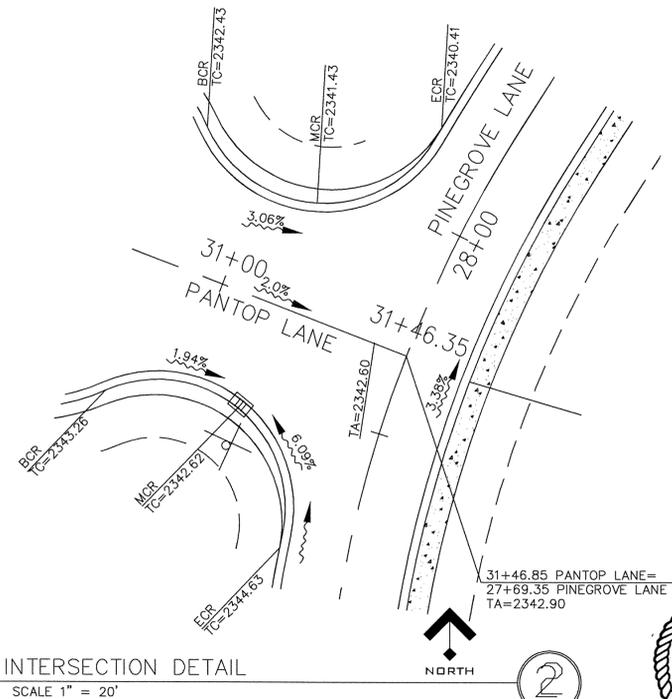
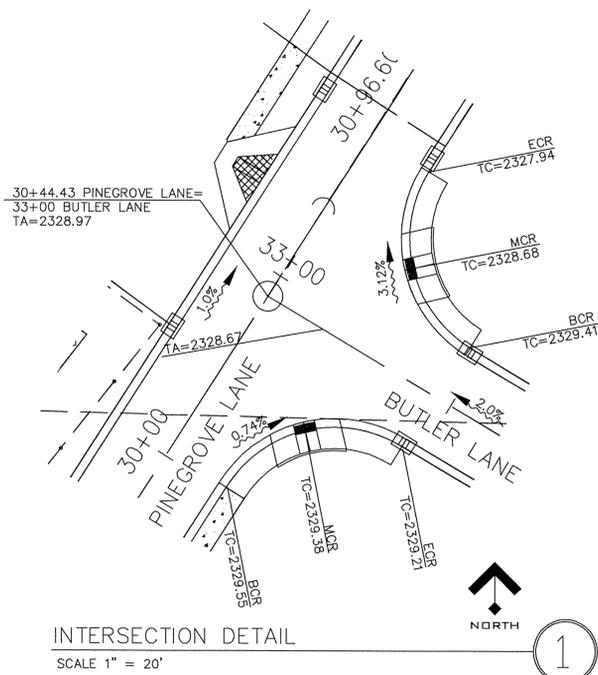


EXPIRES 6/14/07  
PREPARED UNDER THE DIRECT SUPERVISION OF MARK L. KRIBBAUM  
WASHINGTON REGISTRATION NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES

ORIGINAL PREPARATION  
11/15/05

5050235  
MEU  
MLK

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



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

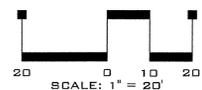
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RECORD  
DRAWINGS

I have reviewed the construction of  
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conformance with the accepted  
plans and Spokane County  
Standards except as noted.

Surveying was provided by Jeff  
Mackleit of Century Survey.

DEVELOPER'S APPROVAL  
DATE  
9/24/07



CLC ASSOCIATES  
12730 EAST MIRABEAU  
PARKWAY  
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WASHINGTON 99216  
P 509 458 6840  
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CLC@BCC.COM  
ARCHITECTURE  
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LANDSCAPE ARCHITECTURE  
LAND SURVEYING

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



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

11/15/05 ORIGINAL PREPARATION

9050235  
MJB  
MEJ  
MLK



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



CLC ASSOCIATES  
12730 EAST MIRABEAU PARKWAY  
SUITE 100  
SPOKANE VALLEY WASHINGTON 99216  
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STREET PLANS  
TRICKLE CREEK 1ST ADDITION  
P.U.D.  
STREET SECTIONS  
SPOKANE COUNTY, WASHINGTON

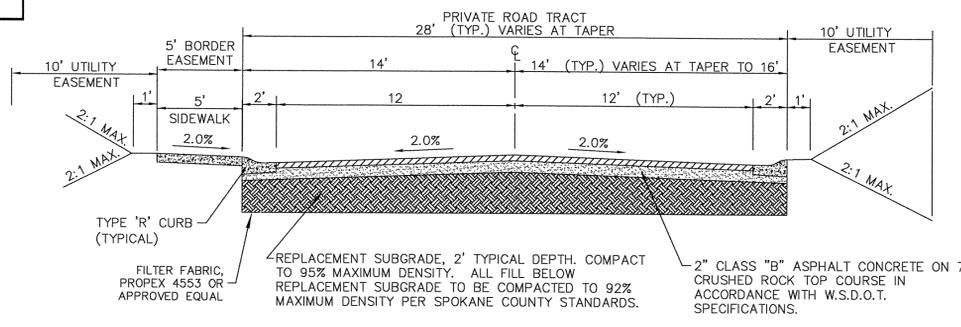


EXPIRES 6/14/07  
PREPARED UNDER THE DIRECT SUPERVISION OF MARK L. KRIGBAUM WASHINGTON REGISTRATION NO. 39236 FOR AND ON BEHALF OF CLC ASSOCIATES

DESCRIPTION  
INITIAL PREPARATION  
DATE  
11/15/05

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

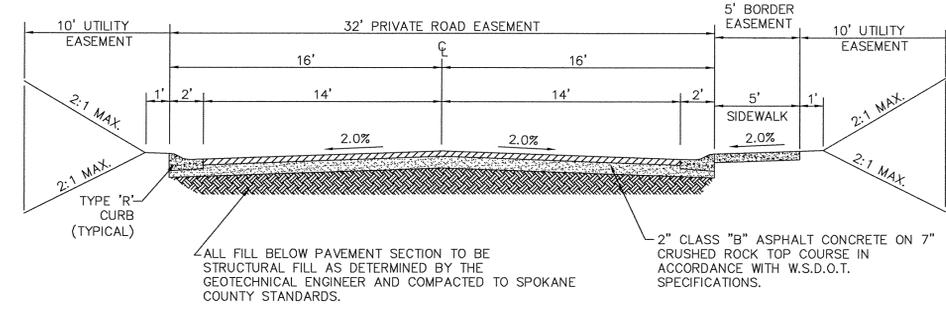
11 OF 14



TYPICAL CROSS SECTION

NOT TO SCALE  
46TH LANE (SUMAC) STA. 28+28.26 TO STA. 31+44.18

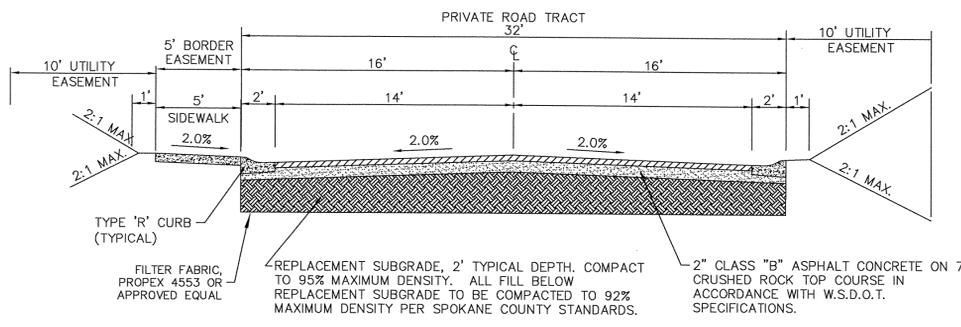
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TYPICAL CROSS SECTION

NOT TO SCALE  
PINGROVE LANE STA. 24+97.97 TO STA. 30+96.60

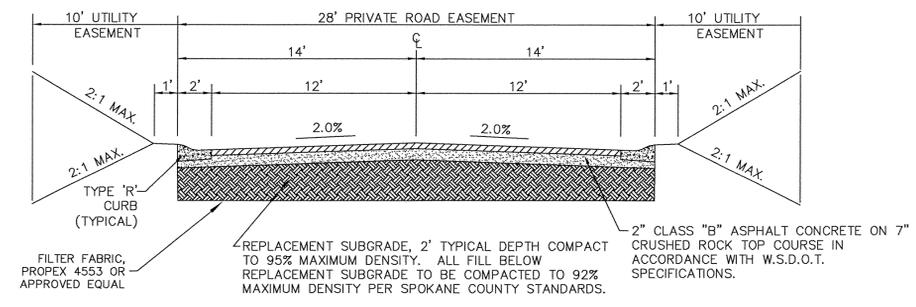
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TYPICAL CROSS SECTION

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46TH LANE (SUMAC) STA. 31+44.18 TO STA. 34+59.93

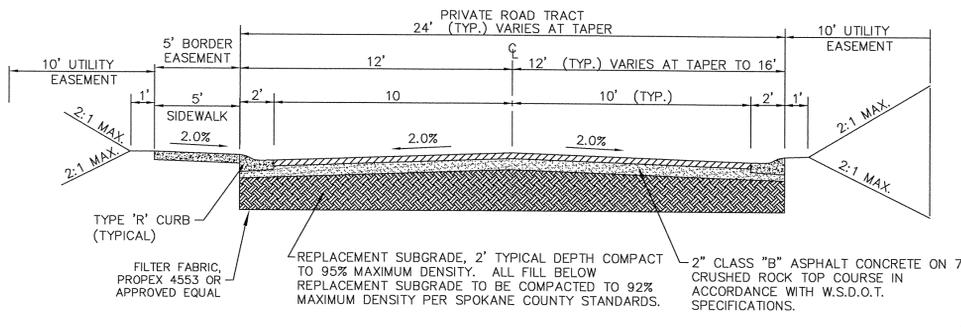
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TYPICAL CROSS SECTION

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

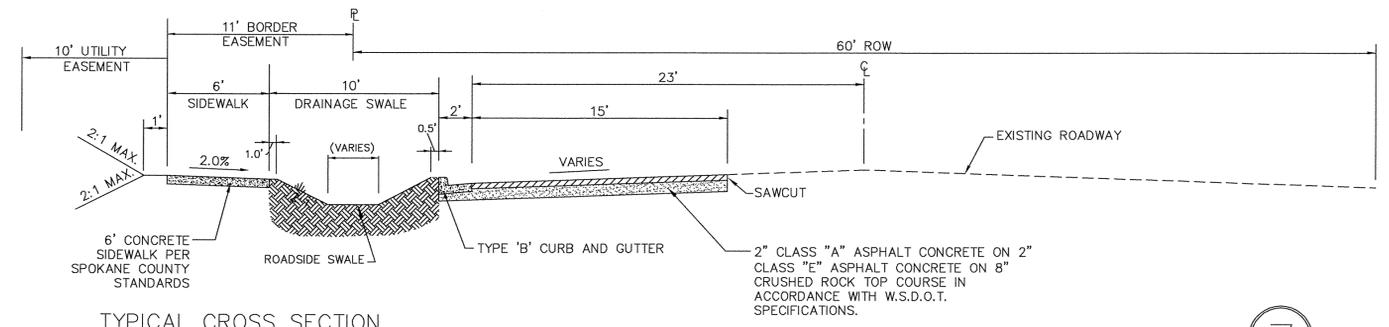
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TYPICAL CROSS SECTION

NOT TO SCALE  
46TH LANE (SUMAC) STA. 34+59.93 TO STA. 36+50

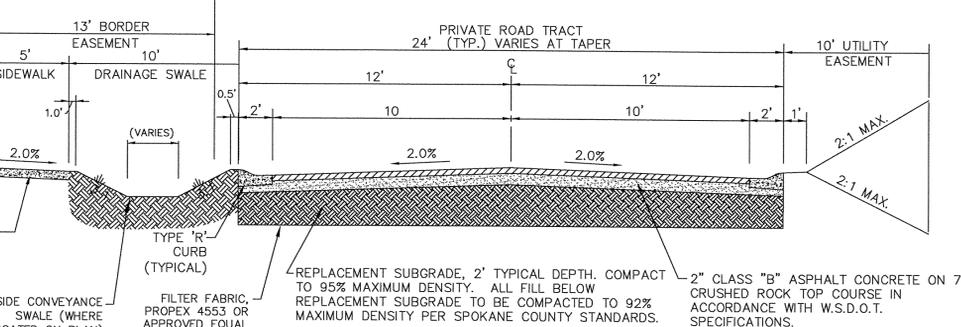
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TYPICAL CROSS SECTION

NOT TO SCALE  
GLENROSE ROAD STA. 46+47.69 TO STA. 48+23.25

7



TYPICAL CROSS SECTION

NOT TO SCALE  
46TH LANE (SUMAC) STA. 36+50 TO STA. 38+89.09

4

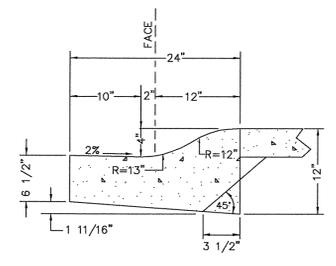
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Surveying was provided by Jeff Mackleit of Century Survey.



RECORD DRAWINGS

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.



TYPE "R" CURB DETAIL

NOT TO SCALE

8

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DEVELOPER'S APPROVAL DATE

1906-H Eng Co-Built

# RECORD DRAWINGS

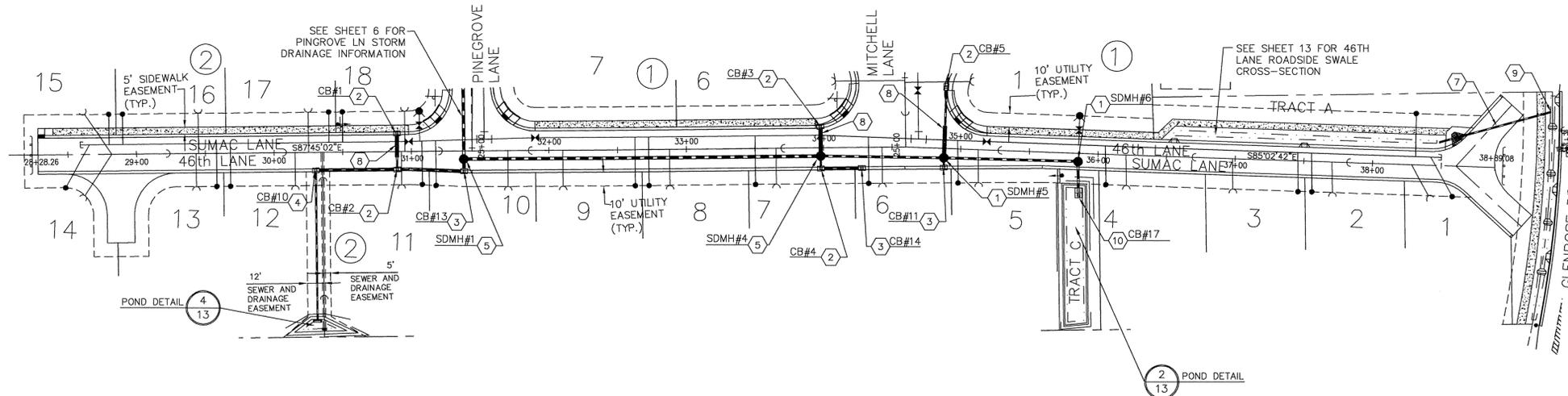
SECTION 2, T.24 N., R. 43 E., W.M.  
SPOKANE COUNTY, WASHINGTON

## 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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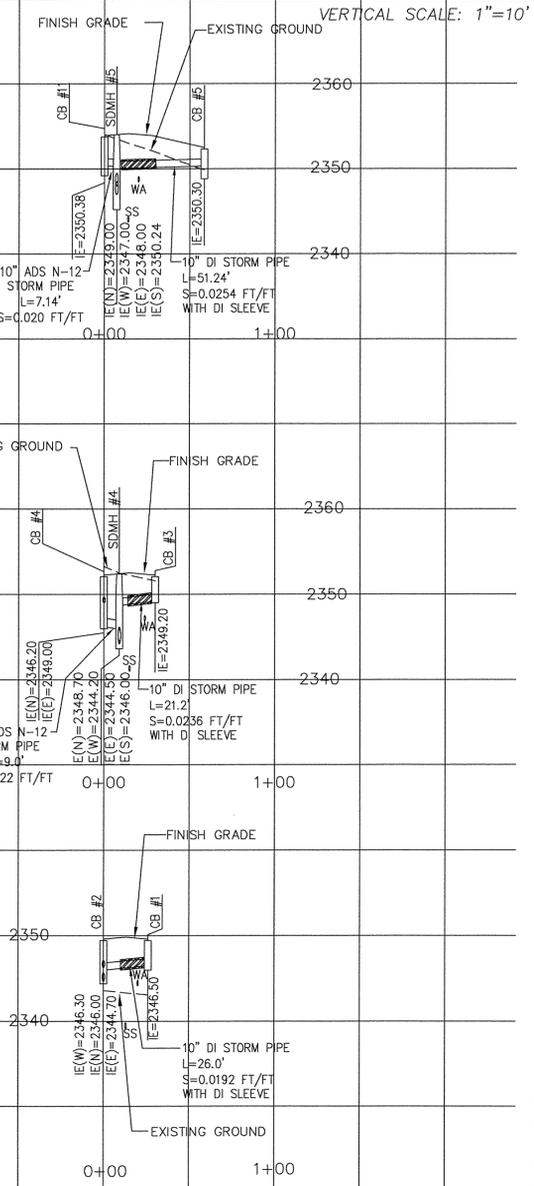
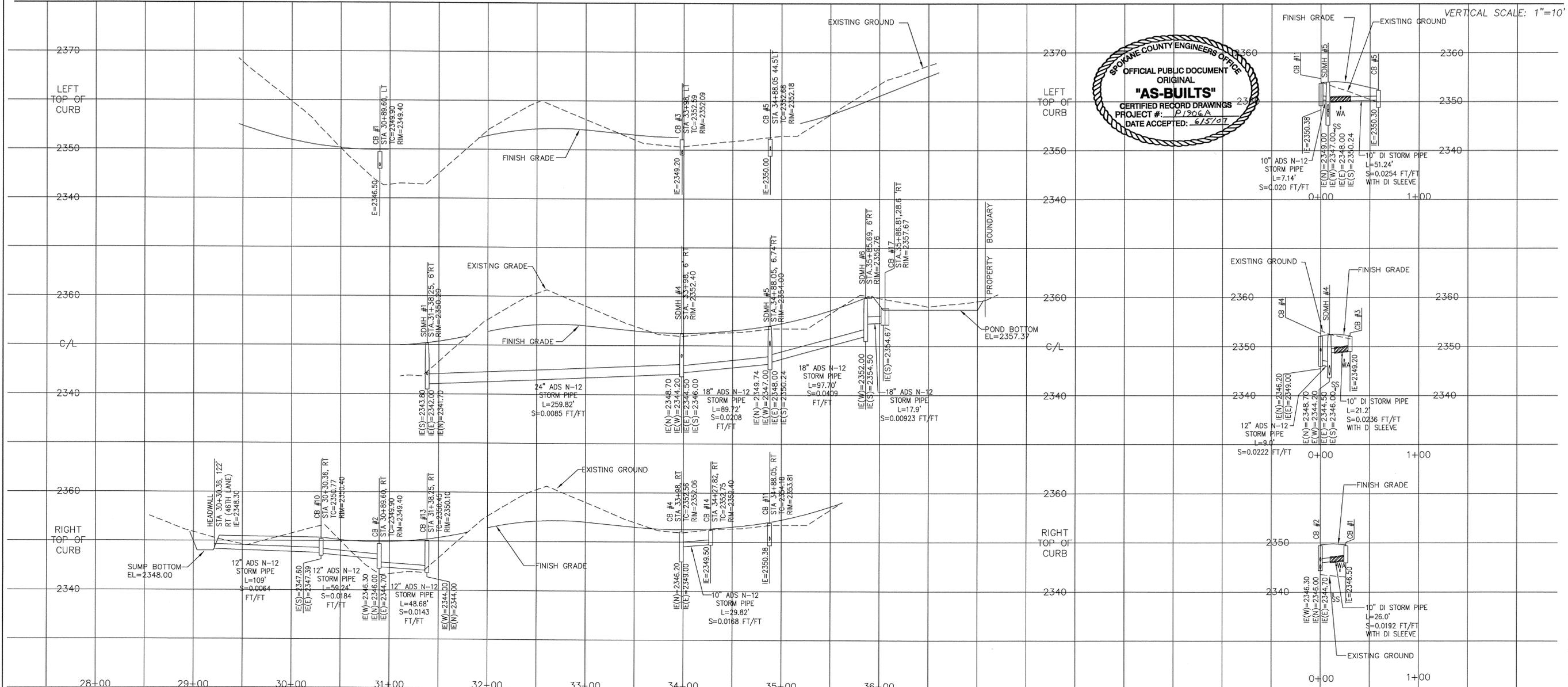
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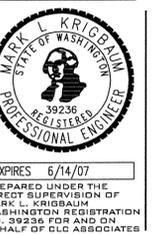


DEVELOPER'S APPROVAL

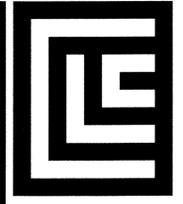
DATE



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



11/15/05 ORIGINAL PREPARATION  
1906-A Eng As-Built  
12 OF 14



**CLC ASSOCIATES**  
 12730 EAST 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 AND STORM DRAINAGE CONSTRUCTION PLANS  
**TRICKLE CREEK 1ST ADDITION**  
**P.U.D.**  
**POND DETAILS**  
 SPOKANE COUNTY, WA

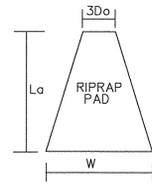


EXPIRES 6/14/07  
 PREPARED UNDER THE  
 DIRECT SUPERVISION OF  
 MARK L. KRIGBAUM  
 WASHINGTON REGISTRATION  
 NO. 39236 FOR AND ON  
 BEHALF OF CLC ASSOCIATES

DESCRIPTION  
 ORIGINAL PREPARATION  
 DATE 12/15/05

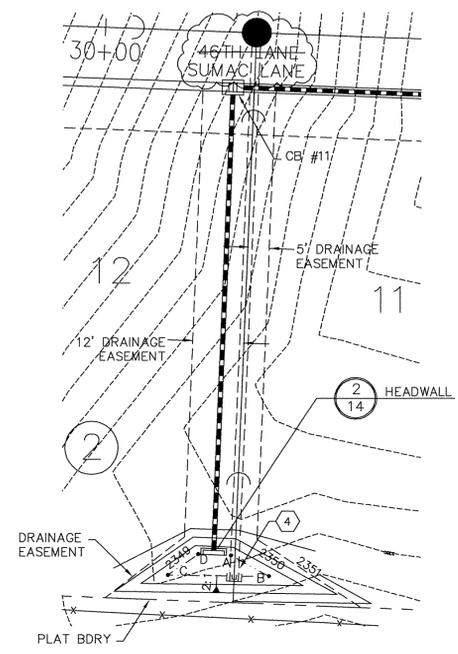
PROJECT #S050235  
 DRAWN BY: MEJ  
 DESIGNED BY: MEJ  
 CHECKED BY: MLK

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	Lo	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



**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

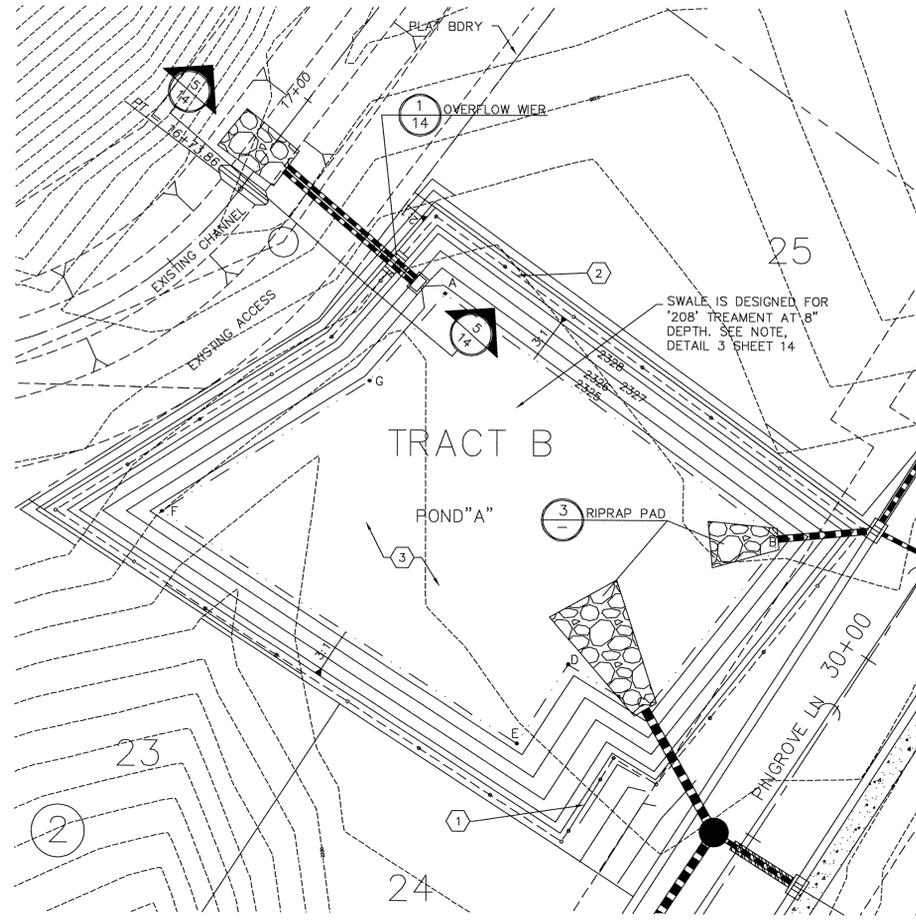
POND BOTTOM DIMENSION TABLE	
POINTS	LENGTH
A-B	10.2'
B-C	25.7'
C-D	8.6'
D-A	7.7'

WEST INLET POND  
 SCALE: 1"= 20'

**CONSTRUCTION NOTES**

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

**RECORD DRAWINGS**

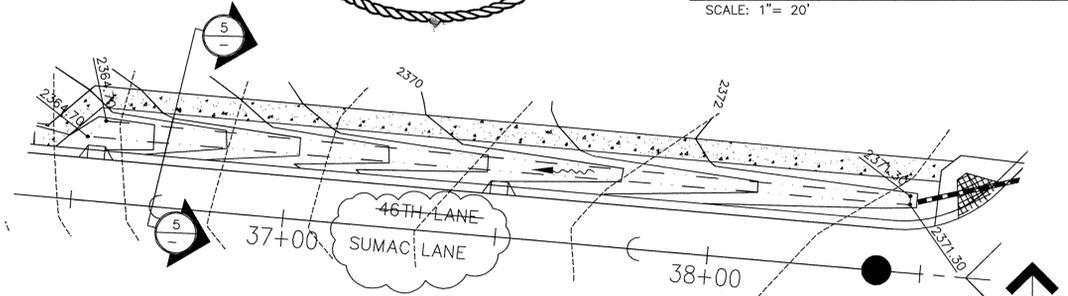


**TRACT "C"**  
 FINISHED GRADE POND BOTTOM EL= 2357.37  
 POND BOTTOM AREA PROVIDED = 1160 S.F.  
 MINIMUM BERM ELEV.= 2358.37  
 PERIMETER = 217 L.F.  
 RIM ELEVATION = 2357.67

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'

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



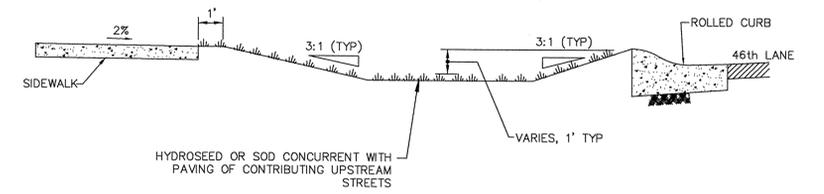
SUMAC  
 46TH LANE ROADSIDE CONVEYANCE SWALE  
 SCALE: 1"= 20'

**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 (PINEGROVE 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	158.18' 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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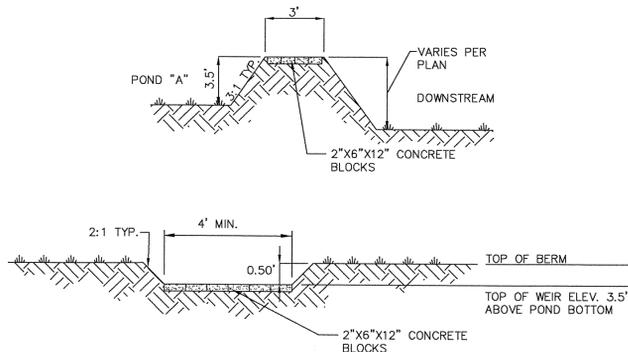
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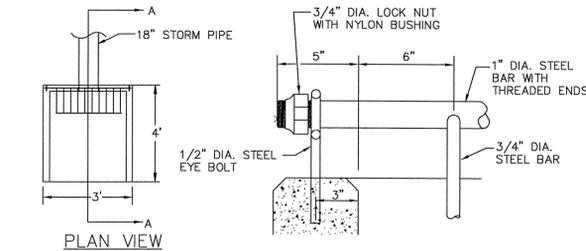
1986-A Eng As-Built



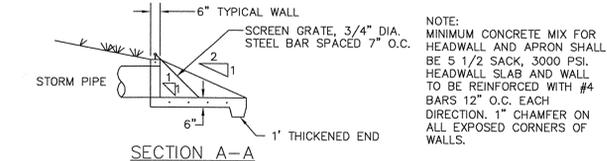
POND "A" 100-YR OVERFLOW WEIR DETAIL

NOT TO SCALE

1



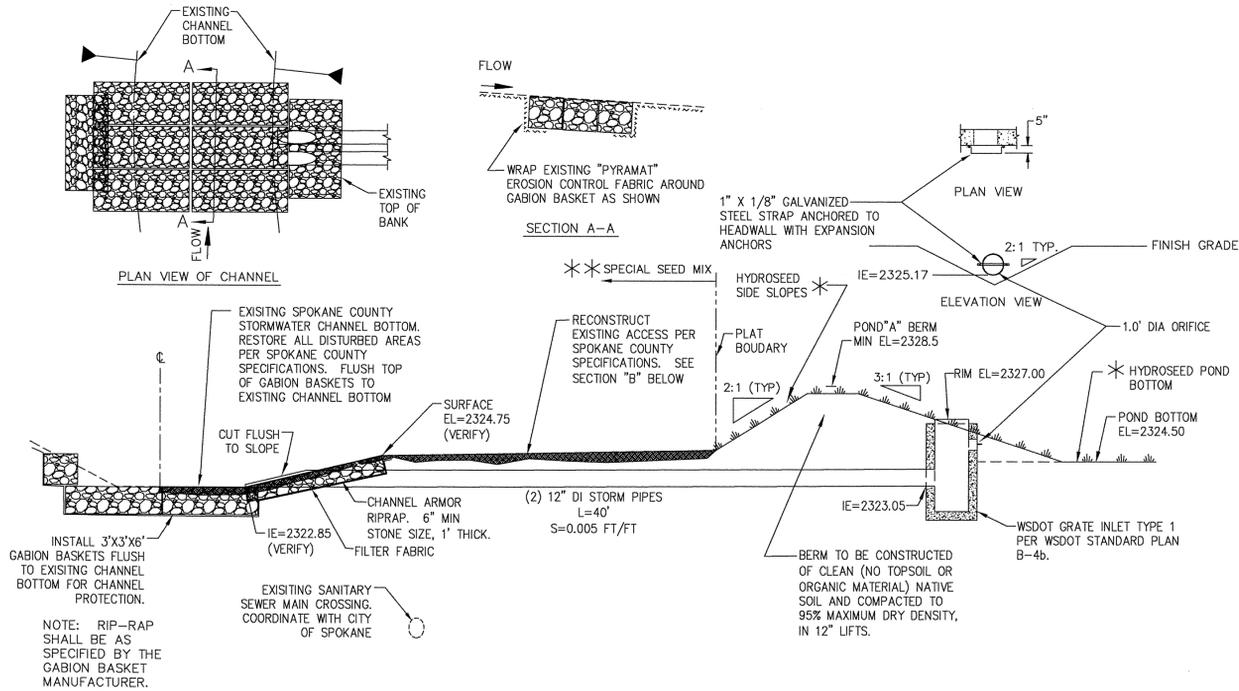
SCREEN GRATE



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.

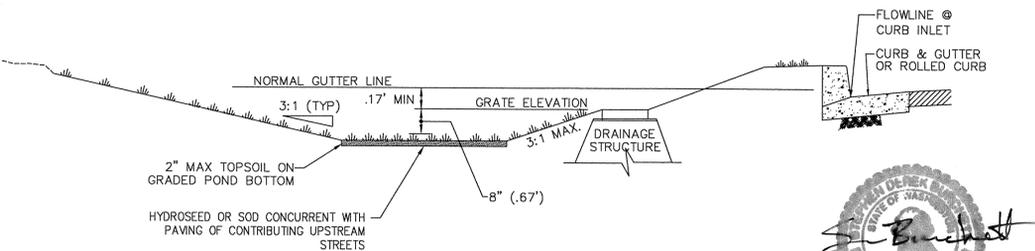
\*\*SPECIAL SEED MIX FOR EXISTING CHANNEL AND ACCESS



.2005\5050235 Trickle Creek 1st Addition\dwg\cross-section.tif

EXISTING CHANNEL AND ACCESS SECTION "B"

# RECORD DRAWINGS



**\* 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.

TYPICAL '208' POND WITH DRAINAGE STRUCTURE

NOT TO SCALE

3

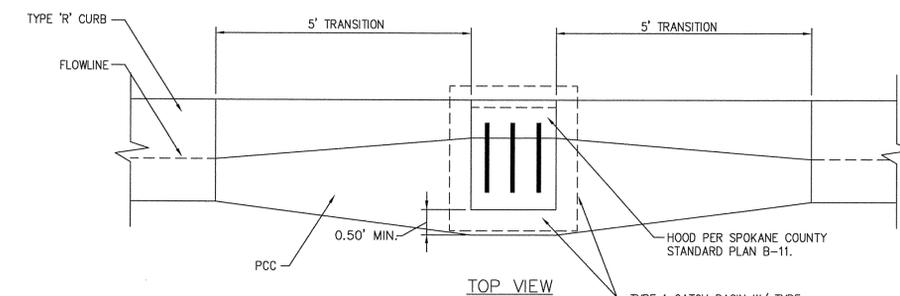
**NAVD '88 DATUM**

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.

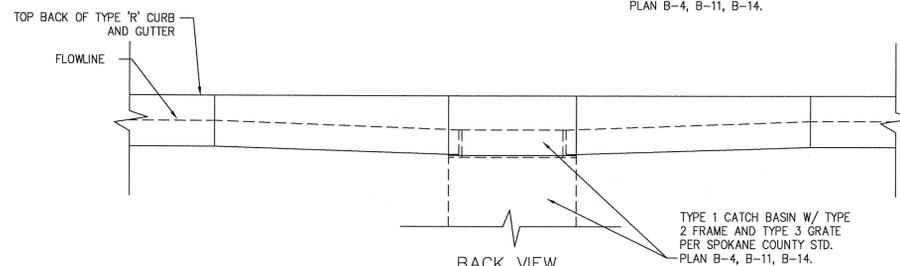
NOT USED

NOT TO SCALE

4



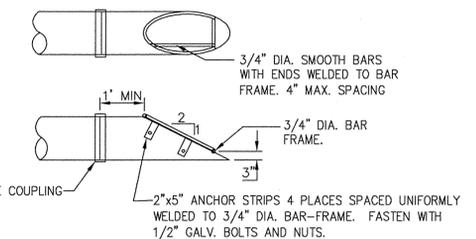
TOP VIEW



BACK VIEW

SUMP GRATE TRANSITION DETAIL

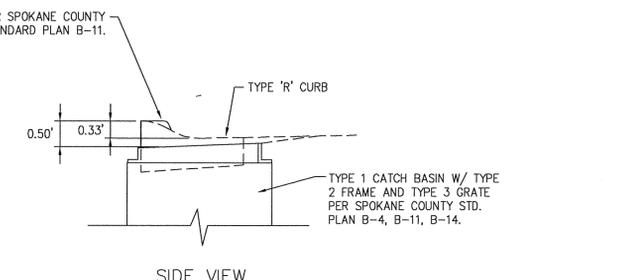
NOT TO SCALE



TRASH RACK DETAIL

NOT TO SCALE

6



SIDE VIEW

7

**UNDERGROUND SERVICE ALERT**

ONE-CALL NUMBER

456-8000

CALL TWO BUSINESS DAYS BEFORE YOU DIG

**CAUTION: NOTICE TO CONTRACTOR**

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

DEVELOPER'S APPROVAL

DATE

1906-A Eng As-Built



CLC ASSOCIATES  
12730 EAST MIRABEAU PARKWAY  
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SPOKANE VALLEY WASHINGTON 99216  
P 509 458 6840  
F 509 458 6844  
GLASB@G.COM  
ARCHITECTURE  
ENGINEERING PLANNING  
LANDSCAPE ARCHITECTURE  
LAND SURVEYING

STREET AND STORM DRAINAGE CONSTRUCTION PLANS  
TRICKLE CREEK 1ST ADDITION  
P.U.D.  
DRAINAGE DETAILS  
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

ORIGINAL PREPARATION  
11/15/05

5050235  
MGJ  
MLK