

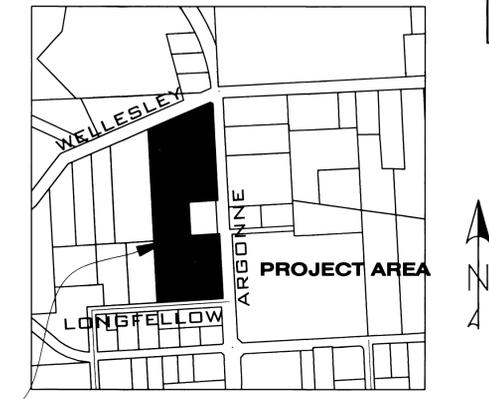
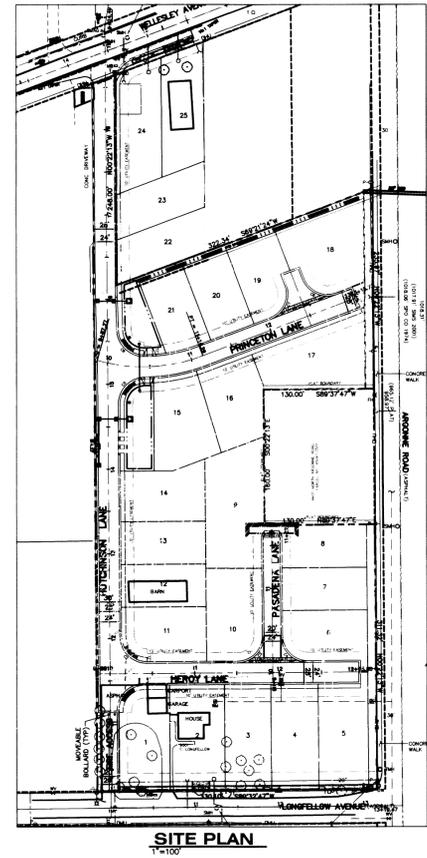
STREET AND DRAINAGE PLANS

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

GENERAL NOTES

PRAIRIE RIDGE SPOKANE COUNTY, WASHINGTON NE. 1/4 S. 06, T. 25 N., R. 44 E., W.M.

- ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED SITE WORK STANDARDS AND THE STANDARDS AND SPECIFICATIONS SET FORTH IN THE SPOKANE COUNTY REGULATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK WITHIN PUBLIC R.O.W. OR EASEMENTS SHALL BE INSPECTED AND APPROVED BY THE SPOKANE COUNTY INSPECTOR. INSPECTION SERVICES AND CONSTRUCTION CERTIFICATION TO BE PROVIDED BY DESIGNEE OF PROJECT SPONSOR/OWNER.
- 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 EXISTING UTILITIES. 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 SPOKANE COUNTY AND ALL UTILITY COMPANIES WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.
- 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 REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
- FOR WORK AFFECTING PUBLIC ROADWAYS OR IF REQUIRED BY SPOKANE COUNTY THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND PHASING PLAN, IN ACCORDANCE WITH M.U.T.C.D. 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 SAID PLANS. PRIOR TO INSTALLATION A PRECONSTRUCTION CONFERENCE SHALL BE HELD WITH SPOKANE COUNTY.
- 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 OR RELOCATED UNLESS SPECIFICALLY NOTED OTHERWISE.
- PER AGENCY STANDARDS 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. FOR ADDITIONAL INFORMATION CONTACT THE ENGINEER FOR CLARIFICATION AND NOTE ON THE RECORD DRAWINGS.
- ALL EROSION AND SEDIMENT CONTROL (E.S.C.) MEASURES SHALL BE INSTALLED AT THE LIMITS OF CONSTRUCTION PRIOR TO GROUND-DISTURBING ACTIVITY. ALL E.S.C. 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. 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.
- ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE SPOKANE COUNTY ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.
- ALL CONSTRUCTION OPERATIONS, 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 TIME PERIOD APPROVED BY SPOKANE COUNTY.
- BASED ON A REQUIREMENT FROM SPOKANE COUNTY, 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 SPOKANE COUNTY ENGINEER.
- NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL BY THE SPOKANE COUNTY ENGINEER AND NOTIFICATION OF THE ENGINEER OF RECORD.



PROJECT LOCATION

VICINITY MAP
NOT TO SCALE

LEGEND

EXISTING	GENERAL	PROPOSED
---	ROADWAY CENTER LINE	---
---	RIGHT OF WAY LINE	---
---	PROPERTY LINE	---
---	EASEMENT LINE	---
---	FENCE	---
---	CURB	---
---	PAVEMENT	---
---	GRAVEL	---
---	CONCRETE	---
---	BUILDINGS & STRUCTURES	---
---	SANITARY SEWER	---
---	SANITARY SEWER	---
---	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	---
---	NATURAL GAS	---
---	GAS LINE	---
---	VALVE	---
---	METER	---
---	TELEPHONE - POWER	---
---	BURIED TELEPHONE	---
---	POWER OR TELEPHONE POLE	---
---	BURIED POWER	---
---	TRANSFORMER PAD	---
---	TELEPHONE RISER	---
---	TELEPHONE VAULT	---
---	OVERHEAD POWER	---
---	GUY ANCHOR	---
---	POWER VAULT	---
---	LIGHT POLE	---

SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: P-1944
 DATE ACCEPTED: 07-22-05
 ACCEPTANCE EXPIRES: 09-22-07
 PROJECT LANE MILES PUBLIC: 0.114
 PROJECT LANE MILES PRIVATE: 0.02
 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.

- WATER PURVEYOR**
 PASADENA PARK
 9227 E. UPRIVER DRIVE
 SPOKANE, WA 99206
 PHONE: 509-926-5535
 FAX: 509-926-3996
 CONTACT: KATHLEEN SMALL
- NATURAL GAS**
 AVISTA UTILITIES
 1411 E. MISSION AVENUE
 SPOKANE, WA 99220
 PHONE: 509-495-4744
 FAX: 509-495-8713
 CONTACT: LOIS McCAIN
- SOLID WASTE**
 WASTE MANAGEMENT
 SPOKANE, WASHINGTON
 PHONE: 509-466-3400
- OWNER**
 PAKIBA
 601 S. DIVISION
 SPOKANE, WA 99201
 PHONE: 509-455-8883
 CONTACT: BRIAN BALOH
- SEWER**
 SPOKANE COUNTY UTILITIES
 1026 WEST BROADWAY AVENUE
 SPOKANE, WASHINGTON 99206
 PHONE: 509-477-3604
 FAX: 509-477-4715
 CONTACT: BILLY URHAUSEN
- INSPECTION**
 ALLWEST
 1010 N. LAKE ROAD
 SPOKANE, WA 99212
 PHONE: 509-534-4411
 FAX: 509-534-9326
 CONTACT: PAUL T. NELSON P.E.
- POWER**
 AVISTA UTILITIES
 1411 E. MISSION AVENUE
 SPOKANE, WA 99220
 PHONE: 509-495-8773
 FAX: 509-777-5223
 CONTACT: DOUG DONAHOO
- SURVEYOR**
 LANDTEK, LLC
 624 NORTH MADALIA STREET
 SPOKANE, WASHINGTON 99202
 PHONE: 509-926-2821
 FAX: 509-926-2736
 CONTACT: BRUCE R. LARSEN, P.L.S.
- TELEPHONE**
 QWEST
 904 NORTH COLUMBUS
 SPOKANE, WA 99202
 PHONE: 509-455-2580
 FAX: 509-455-2104
 CONTACT: DAVE CLARK
- FIRE DEPARTMENT**
 FIRE DISTRICT NO. 1
 EAST 10319 SPRAGUE AVENUE
 SPOKANE VALLEY, WA 99206
 PHONE: 509-328-1700
 FAX: 509-892-4125
 CONTACT: KEVIN MILLER
- CABLE**
 COMCAST BROADBAND
 1717 EAST BUCKEYE
 SPOKANE, WA 99220
 PHONE: 509-484-4931 EXT.53254
 CONTACT: MIKE SMILEY
- DEPT. OF HEALTH**
 SPOKANE COUNTY
 1101 WEST COLLEGE AVENUE
 SPOKANE, WASHINGTON 99201
 PHONE: 509-324-1560 EXT. 1
 CONTACT: DON COPLEY

FIRE DISTRICT CERTIFICATION STATEMENT
 Fire District No. 1 has approved this street plan for PRAIRIE RIDGE. This plan is in conformance with our requirements and will satisfy our needs in providing an adequate water system and facilities for fire protection purposes to all sites in the above named project.
 Bill Clifford Title Sept 20, 2005 Date

ABBREVIATIONS

SS. SANITARY SEWER	PI. POINT OF INTERSECTION	STA. STATION
WM. WATER MAIN	PC. POINT OF CURVE	G. GRADE
MH. MANHOLE	PT. POINT OF TANGENCY	GB. GRADE BREAK
EXIST. EXISTING	PRC. POINT OF REVERSE CURVE	I.E. INVERT ELEVATION
CO. SEWER CLEANOUT	CT. COURT	RIM.EL. RIM ELEVATION
HYD. HYDRANT	RD. ROAD	DIA. DIAMETER
RT. RIGHT	LN. LANE	SI. STREET INTERSECTION
LT. LEFT	STA. L. STATION LENGTH	BDRY. BOUNDARY
ACT L. ACTUAL LENGTH	PET. PETROLEUM	

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.

INDEX TO PLAN SHEETS

- SHEET NO. 1 COVER SHEET
- SHEET NO. 2 NOTES AND DETAILS
- SHEET NO. 3 PLAN AND PROFILE - HUTCHINSON LANE
- SHEET NO. 4 PLAN AND PROFILE - HEROY LANE
- SHEET NO. 5 PLAN AND PROFILE - PASADENA LANE
- SHEET NO. 6 PLAN AND PROFILE - PRINCETON LANE
- SHEET NO. 7 PLAN AND PROFILE - LONGFELLOW AVE.
- SHEET NO. 8 PLAN AND PROFILE - WELLESLEY AVE.
- SHEET NO. 9 SWALE PLAN
- SHEET NO. 10 SWALE PLAN
- SHEET NO. 11 SWALE DETAILS
- SHEET NO. 12 EROSION CONTROL DETAILS
- SHEET NO. 13 EROSION CONTROL DETAILS

COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM. ORIGINATING FROM SPOKANE COUNTY TBM-MN6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL = 1986.87 NAVD-88
 TBM-2 TEMPORARY BENCHMARK ESTABLISHED. RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

Tra Pch
 DEVELOPER'S APPROVAL
 9/20/05
 DATE

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:	PROJ #: 2004-35
HORIZONTAL: N.A.	DATE: 07/01/05
VERTICAL: N.A.	DRAWN: GFR
	APPROVED: TRW

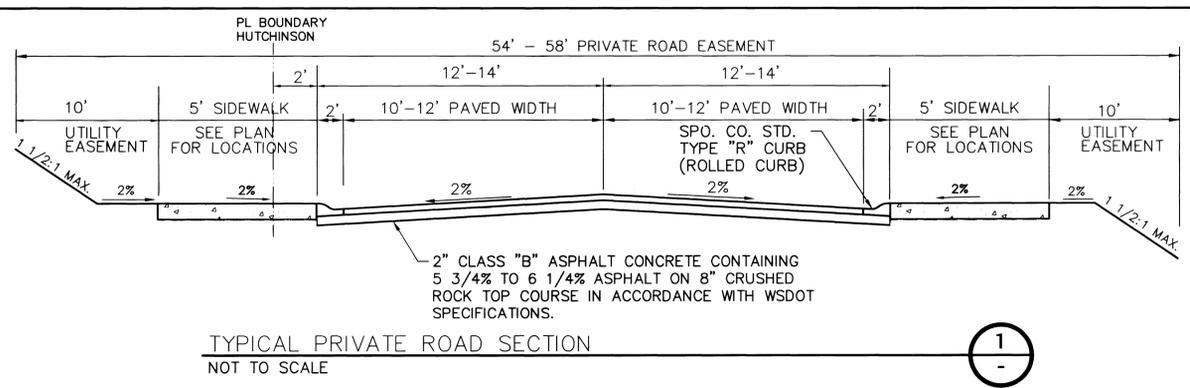
IWCE
 WHIPPLE CONSULTING ENGINEERS
 CIVIL AND TRANSPORTATION ENGINEERING
 13218 E. SPRAGUE AVENUE
 SPOKANE VALLEY, WASHINGTON 99216
 PH: 509-893-2617 FAX: 509-926-0227

**STREET AND DRAINAGE PLANS
 PRAIRIE RIDGE
 COVER SHEET
 SPOKANE COUNTY, WASHINGTON**



**SHEET
 1 OF 13**
 JOB NUMBER
2004-35

P-1944 Eng/Plan Drawings

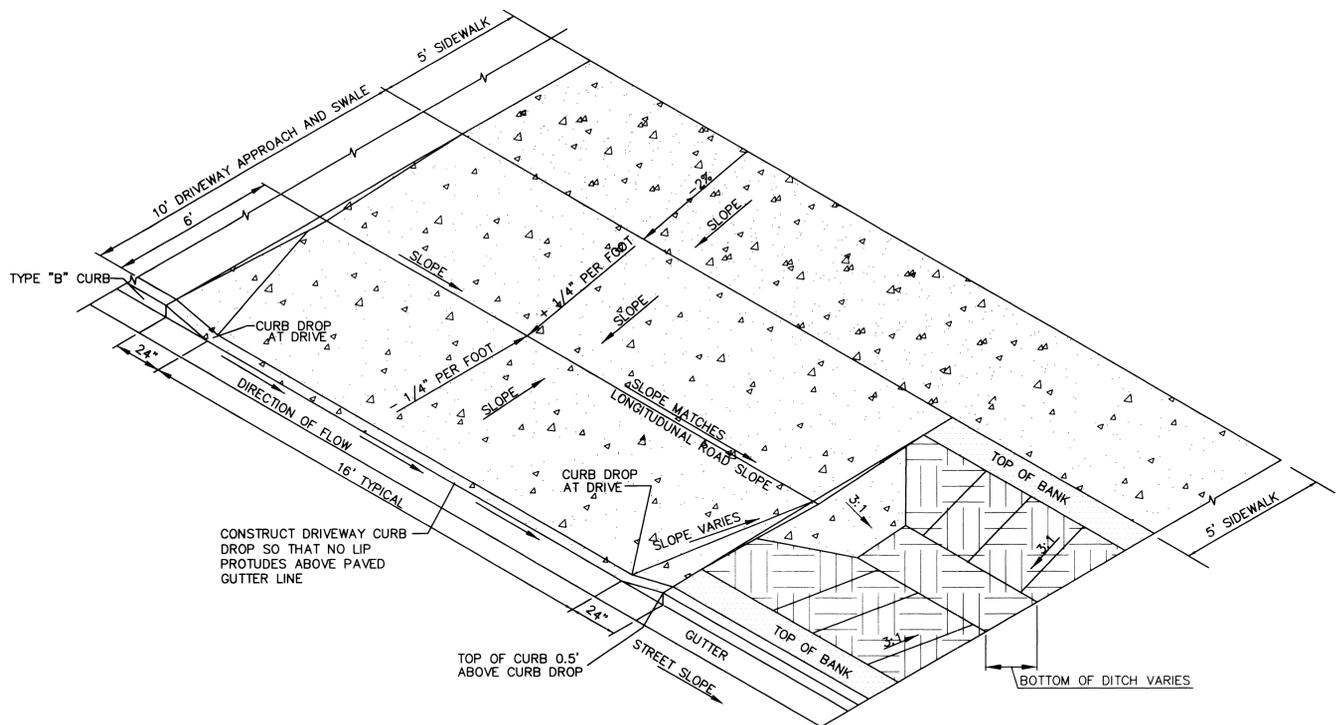


STREET GENERAL NOTES

- THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT TO CONSTRUCT AND INSTALL TO PROPER WORKING ORDER. ALL IMPROVEMENTS AS DETAILED OR CALLED OUT ON THESE PLANS.
- ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION, CURRENT EDITION", 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, TODD R. WHIPPLE, P.E., @ 893-2617, THE SITE/PROJECT INSPECTING ENGINEER OR HIS REPRESENTATIVE, ALLWEST, PAUL T. NELSON, P.E., @ 534-4411 AND THE SPOKANE COUNTY ENGINEER'S OFFICE, CONSTRUCTION ENGINEER, @ 477-3600.
 - FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC, "AMOCO" 4545 OR APPROVED EQUAL, BETWEEN THE DRYWELL BARREL AND THE WASHED DRAINROCK AND BETWEEN THE WASHED DRAINROCK AND NATIVE SOILS PER SPOKANE COUNTY STANDARD DETAIL B-10.
 - 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 OUT THE DRYWELL OR CATCH BASIN TO THE SATISFACTION OF THE CERTIFYING ENGINEER.
 - THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO VERIFY THAT THE CROSS-GUTTER FORMS ARE THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT. THE CROSS-GUTTERS SHALL BE CONSTRUCTED PRIOR TO PAVING, AND THE PAVEMENT SHALL THEN MATCH THE EDGE OF CONCRETE GUTTER.
 - 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.

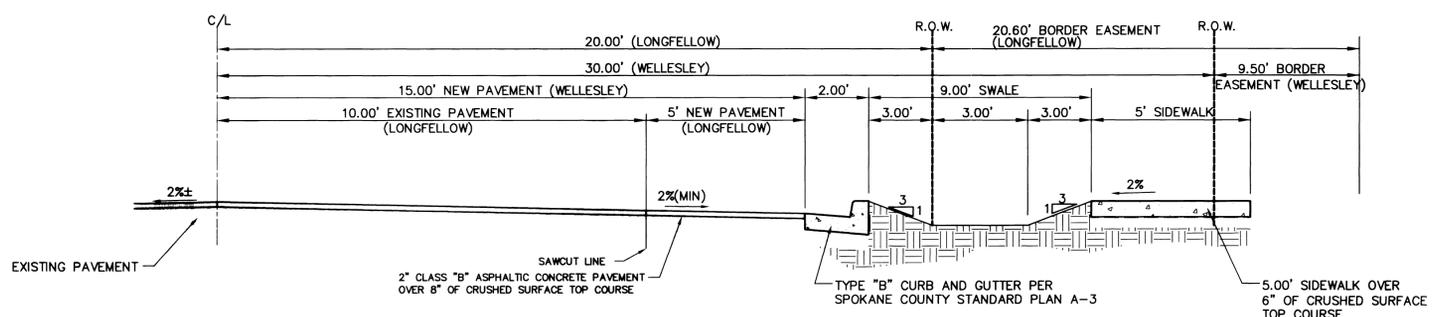
STORM DRAINAGE NOTES

- 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 (1999 EDITION) SHEET B-10 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 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.



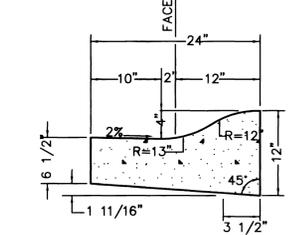
DRIVEWAY DETAIL

NOT TO SCALE



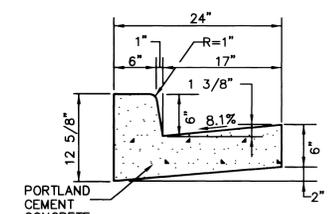
ROADWAY SECTION FOR LONGFELLOW ROAD AND WELLESLEY AVENUE

NOT TO SCALE



TYPE "R" CURB

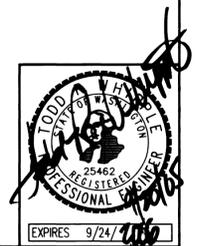
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TYPE "B" CURB DETAIL

NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1944
DATE ACCEPTED: 07-22-05
ACCEPTANCE EXPIRES: 07-22-07
PROJECT LANE MILES PUBLIC: 1.65
PROJECT LANE MILES PRIVATE: 1.65
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
PRIOR TO CONSTRUCTION



COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM, ORIGINATING FROM SPOKANE COUNTY TBM-MING, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL = 1986.87 NAVD-88
TBM-2 TEMPORARY BENCHMARK ESTABLISHED: RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

Tru RL
DEVELOPER'S APPROVAL

9/20/05
DATE

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

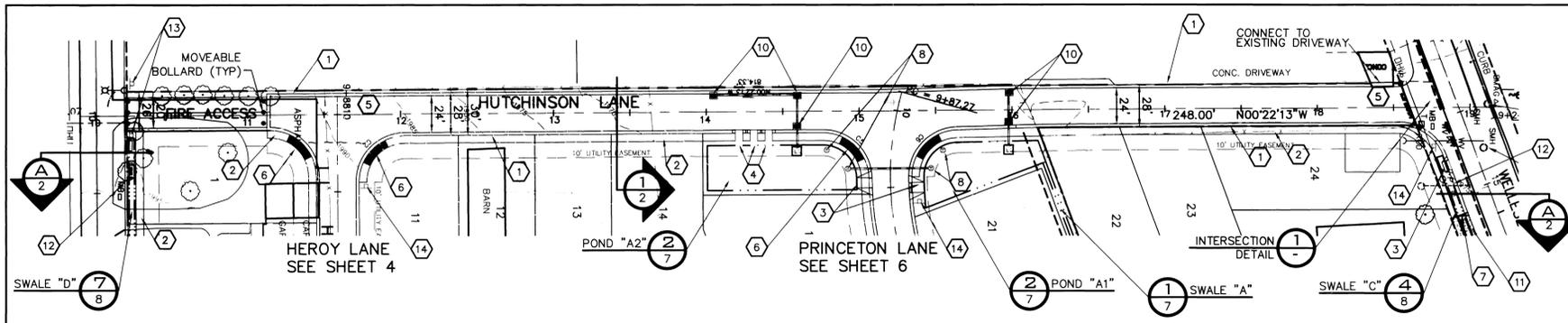
SCALE:	PROJ #: 2004-35
HORIZONTAL: N.A.	DATE: 07/01/05
VERTICAL: N.A.	DRAWN: GFR
	APPROVED: TRW

IWCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
13218 E. SPRAGUE AVENUE
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
NOTES AND DETAILS
SPOKANE COUNTY, WASHINGTON

SHEET
2 OF 13
JOB NUMBER
2004-35

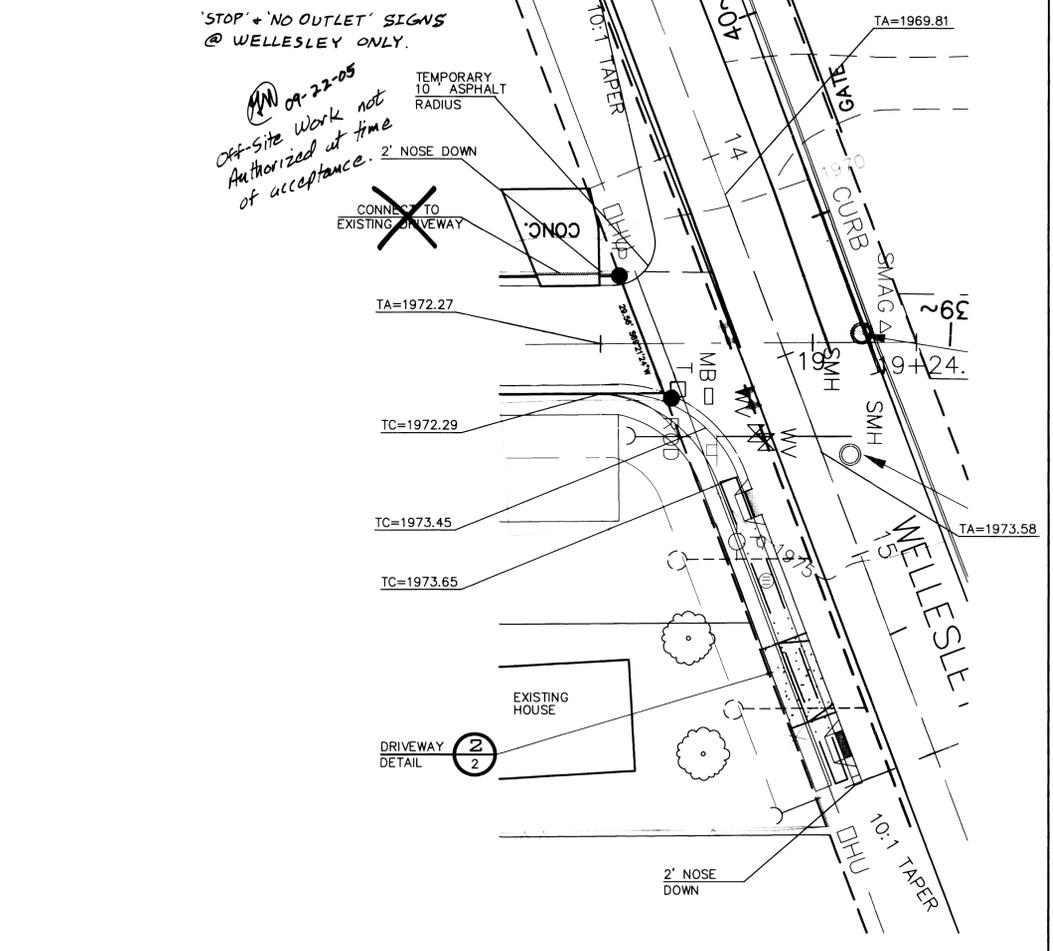
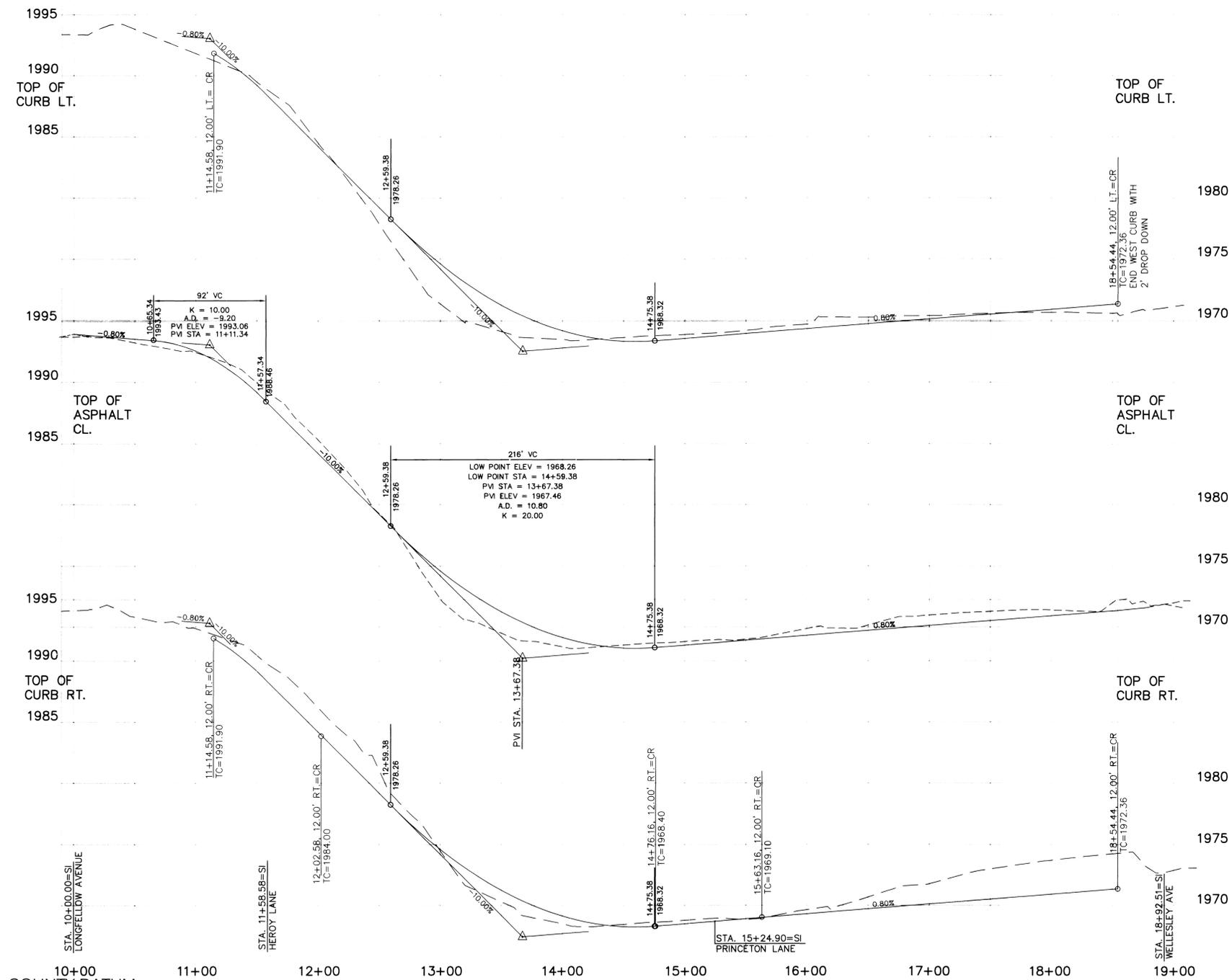
P-1944 Eng Road Drainage



CONSTRUCTION NOTES

- 1 PROVIDE AND INSTALL "R" TYPE CURB PER DETAIL 3 SHEET 2.
- 2 PROVIDE AND INSTALL CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
- 3 PROVIDE AND INSTALL CURB INLET TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL 1 SHEET 7.
- 4 PROVIDE AND INSTALL TYPE "2" CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL 2 SHEET 7.
- 5 PROVIDE AND INSTALL 2" OF ASPHALTIC CONCRETE PAVEMENT OVER 6" OF CRUSHED SURFACE TOP COURSE.
- 6 PROVIDE AND INSTALL CURB RAMP DESIGN "A" PER SPOKANE COUNTY STANDARD PLAN A-5.
- 7 PROVIDE AND INSTALL TYPE "A" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B-1a AND SEE SWALE DETAILS SHEET 7 AND 8.
- 8 PROVIDE AND INSTALL TYPE "B" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B-1a AND SEE SWALE DETAILS SHEET 7 AND 8.
- 9 NOT USED THIS SHEET.
- 10 PROVIDE AND INSTALL WSDOT TYPE "1" GRATE INLETS PER WSDOT STANDARD PLAN B-4b. SEE DRAINAGE DETAIL SHEET 7 FOR INLET AND PIPE INFO.
- 11 PROVIDE AND INSTALL DRIVEWAY PER DETAIL 2 SHEET 2.
- 12 PROVIDE AND INSTALL TYPE "B" CURB PER DETAIL SHEET 2.
- 13 PROVIDE AND INSTALL "NO PARKING ANY TIME" STREET SIGN PER SPOKANE COUNTY STANDARD PLAN R7-1A.
- 14 PROVIDE AND INSTALL STREET NAME SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.

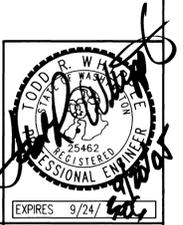
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
 CALL TWO BUSINESS DAYS BEFORE YOU DIG



CURVE TABLE

CURVE	LENGTH	RADIUS	CHORD	DELTA ANGLE
C1	50.27	32.00	45.25	90°00'00"
C2	50.27	32.00	45.25	90°00'00"
C5	50.16	32.00	45.18	89°48'26"
C6	49.51	32.00	44.72	88°38'31"
C9	23.10	12.00	19.69	110°16'22"
C10	42.72	32.48	39.70	75°21'35"

SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #:
 DATE ACCEPTED:
 ACCEPTANCE EXPIRES:
 PROJECT LANE MILES PUBLIC:
 PROJECT LANE MILES PRIVATE:
 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



COUNTY DATUM
 TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM ORIGINATING FROM SPOKANE COUNTY TBM-MN6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL = 1986.87 NAVD-88
 TBM-2 TEMPORARY BENCHMARK ESTABLISHED: RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

TRP
DEVELOPER'S APPROVAL
 DATE: 9/24/05

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:
 HORIZONTAL: N.A.
 VERTICAL: N.A.

PROJ #: 2004-35
DATE: 07/01/05
DRAWN: GFR
APPROVED: TRW

IWCE
 WHIPPLE CONSULTING ENGINEERS
 CIVIL AND TRANSPORTATION ENGINEERING
 13218 E. SPRAGUE AVENUE
 SPOKANE VALLEY, WASHINGTON 99216
 PH: 509-883-2617 FAX: 509-926-0227

STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
HUTCHINSON LANE STA 9+90.07 TO 19+24.49
SPOKANE COUNTY, WASHINGTON

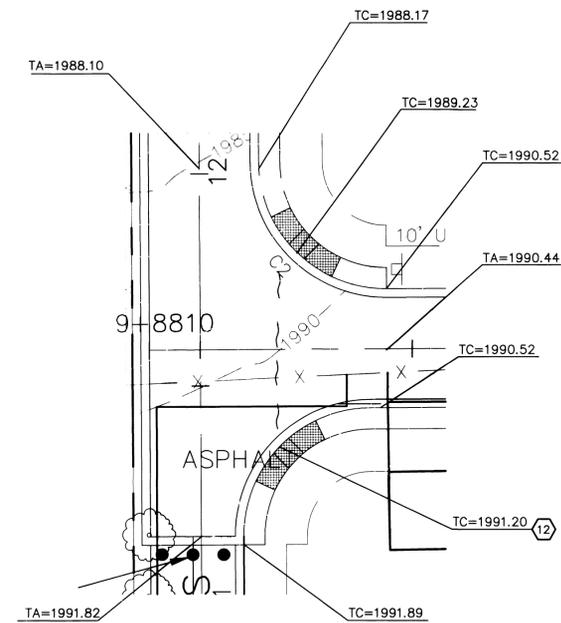
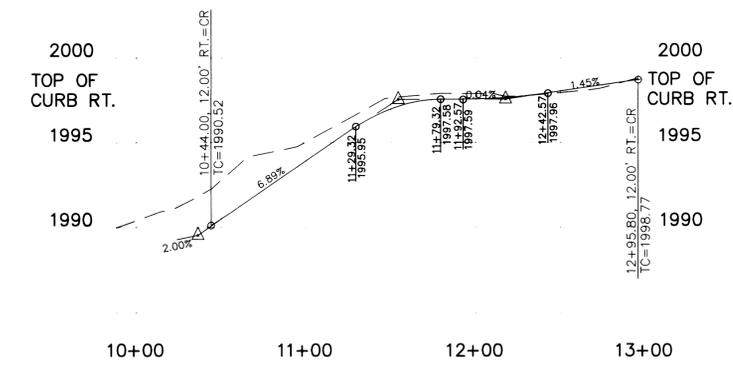
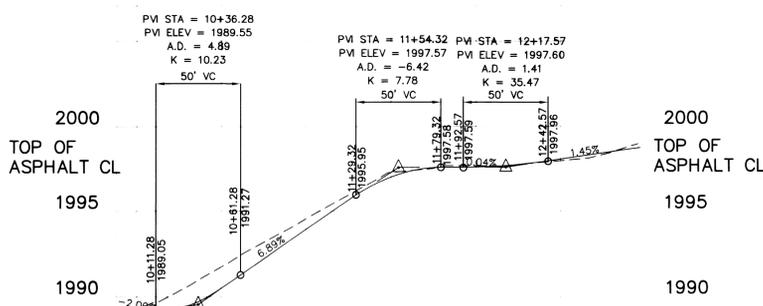
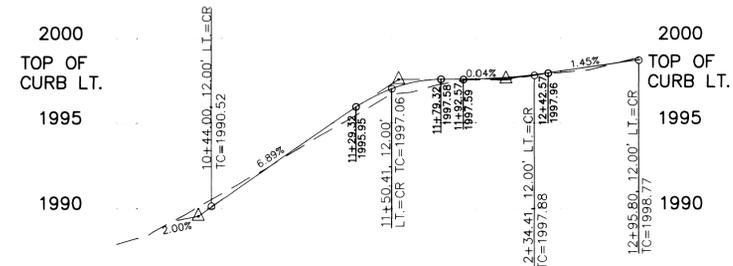
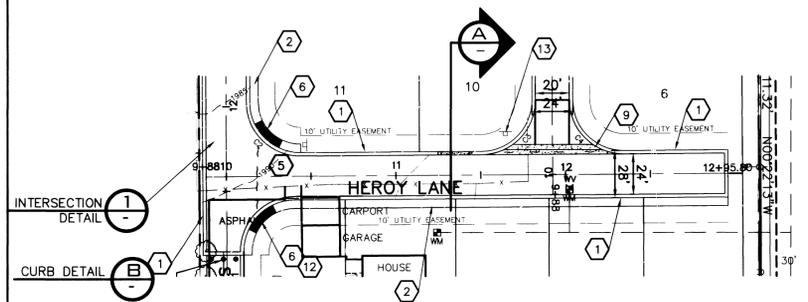
SHEET
3 OF 13
 JOB NUMBER
2004-35

Eng Road Drainage

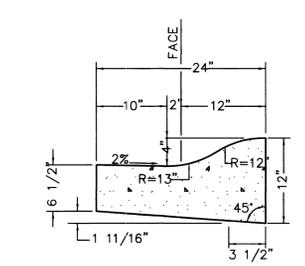
CONSTRUCTION NOTES

- 1 PROVIDE AND INSTALL "R" TYPE CURB PER DETAIL 1 THIS SHEET.
- 2 PROVIDE AND INSTALL CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
- 3 NOT USED.
- 4 NOT USED.
- 5 PROVIDE AND INSTALL 2" OF ASPHALTIC CONCRETE PAVEMENT OVER 6" OF CRUSHED SURFACE TOP COURSE.
- 6 PROVIDE AND INSTALL CURB RAMP DESIGN "A" PER SPOKANE COUNTY STANDARD PLAN A-5.
- 7 NOT USED.
- 8 NOT USED.
- 9 PROVIDE AND INSTALL CROSS GUTTER TYPE 1 PER SPOKANE COUNTY STANDARD PLAN B-18. SEE SHEET 5 FOR DETAILS.
- 10 NOT USED.
- 11 NOT USED.
- 12 TYPE "R" CURB RETURN TO BE "SPILL" TYPE, WITHIN THIS CURB RETURN ONLY.
- 13 PROVIDE AND INSTALL STREET NAME SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.

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

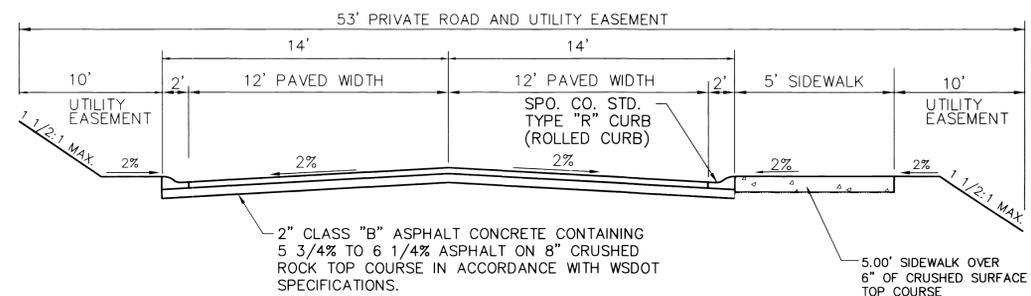


INTERSECTION DETAIL
 SCALE: 1" = 20'



TYPE "R" CURB
 NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: P-1944
 DATE ACCEPTED: 09-22-05
 ACCEPTANCE EXPIRES: 09-22-07
 PROJECT LANE MILES PUBLIC: N/A
 PROJECT LANE MILES PRIVATE: 60
 RECORD DRAWINGS: AS-BUILT'S 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



ROADWAY SECTION HEROY LANE
 NOT TO SCALE

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	DELTA ANGLE
C1	50.27	32.00	45.25	90°00'00"
C2	50.27	32.00	45.25	90°00'00"
C3	50.28	32.00	45.26	90°01'22"
C4	50.25	32.00	45.25	89°58'38"

COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM ORIGINATING FROM SPOKANE COUNTY TBM-MNE, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL = 1986.87 NAVD-88
 TBM-2 TEMPORARY BENCHMARK ESTABLISHED RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

TRK
 DEVELOPER'S APPROVAL

9/20/05
 DATE

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:
 HORIZONTAL: N.A.
 VERTICAL: N.A.

PROJ #: 2004-35
 DATE: 07/01/05
 DRAWN: GFR
 APPROVED: TRW

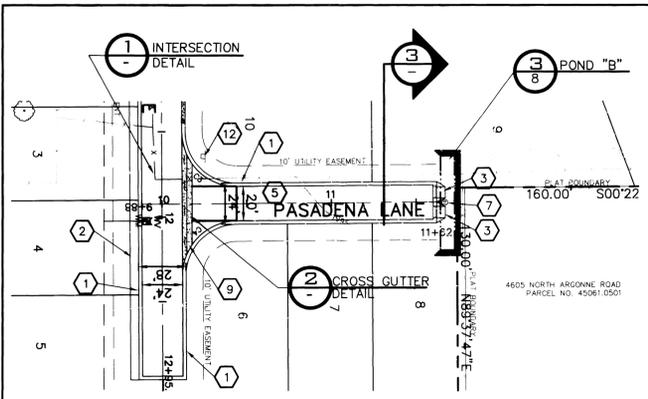
WCE
 WHIPPLE CONSULTING ENGINEERS
 CIVIL AND TRANSPORTATION ENGINEERING
 13218 E. SPRAGUE AVENUE
 SPOKANE VALLEY, WASHINGTON 99216
 PH: 509-893-2617 FAX: 509-926-0227

STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
 HEROY LANE STA 9+88.00 TO 12+95.80
 SPOKANE COUNTY, WASHINGTON

Professional Engineer Seal for Todd Whipple, No. 25462, State of Washington, expires 9/24/2010.

SHEET
 4 OF 13
 JOB NUMBER
 2004-35

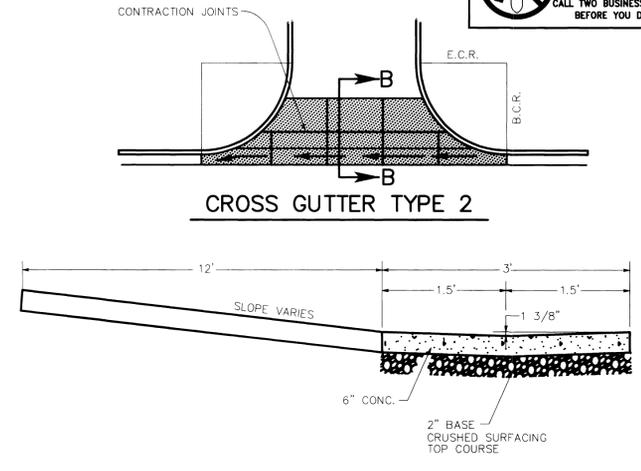
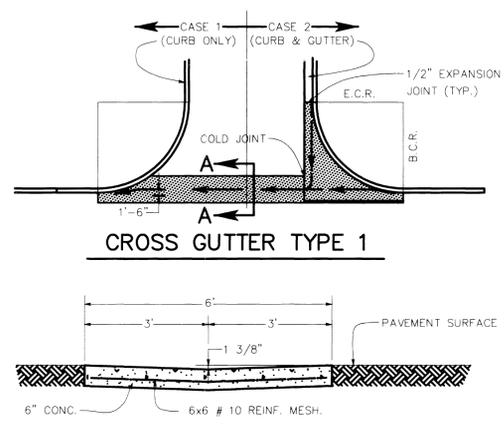
P-1944 *Emp Road-Drainage*



CONSTRUCTION NOTES

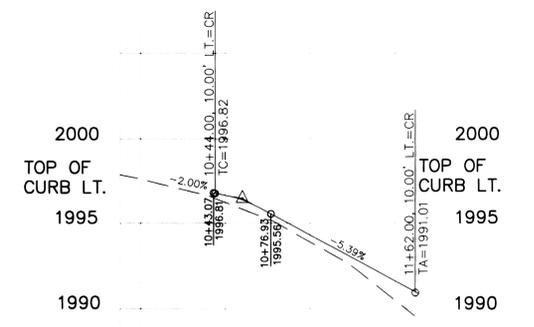
- 1 PROVIDE AND INSTALL "R" TYPE CURB PER DETAIL 1 THIS SHEET.
- 2 PROVIDE AND INSTALL CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
- 3 PROVIDE AND INSTALL CURB INLET TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL "5" SHEET 9.
- 4 NOT USED.
- 5 PROVIDE AND INSTALL 2" OF ASPHALTIC CONCRETE PAVEMENT OVER 6" OF CRUSHED SURFACE TOP COURSE.
- 6 NOT USED.
- 7 PROVIDE AND INSTALL TYPE "A" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B-1a AND SEE SWALE DETAILS SHEET 7 AND 8.
- 8 NOT USED.
- 9 PROVIDE AND INSTALL CROSS GUTTER TYPE 1 PER SPOKANE COUNTY STANDARD PLAN B-18. SEE DETAILS THIS SHEET.
- 10 NOT USED.
- 11 NOT USED.
- 12 PROVIDE AND INSTALL STREET NAME SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.

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

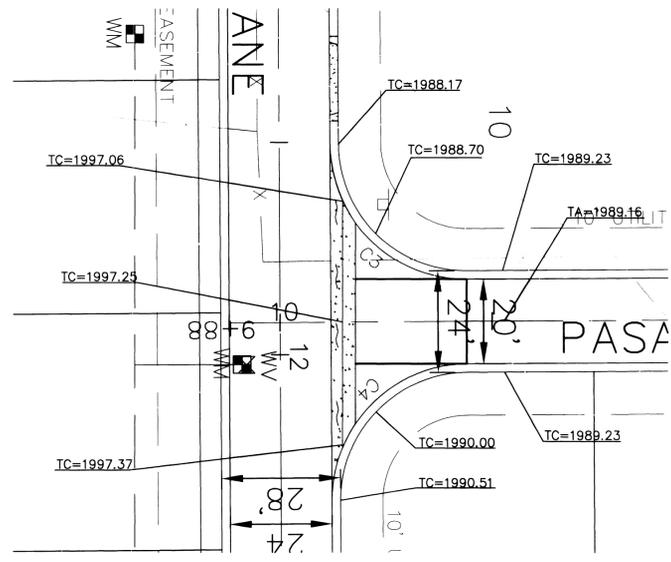
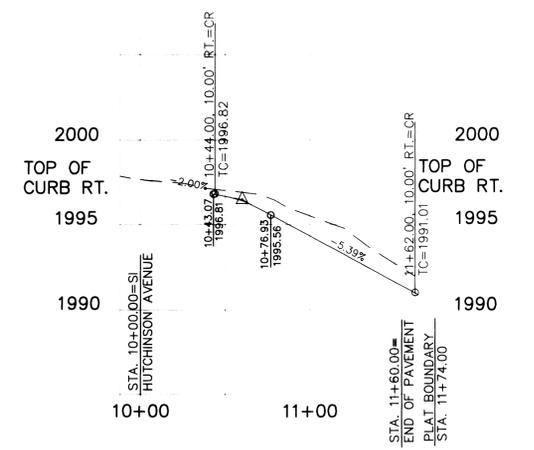
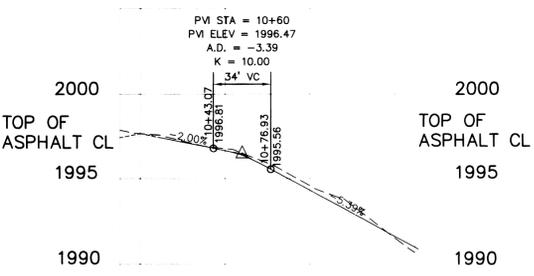


SECTION A-A
 SPOKANE COUNTY STANDARD PLAN B-18
 NOT TO SCALE

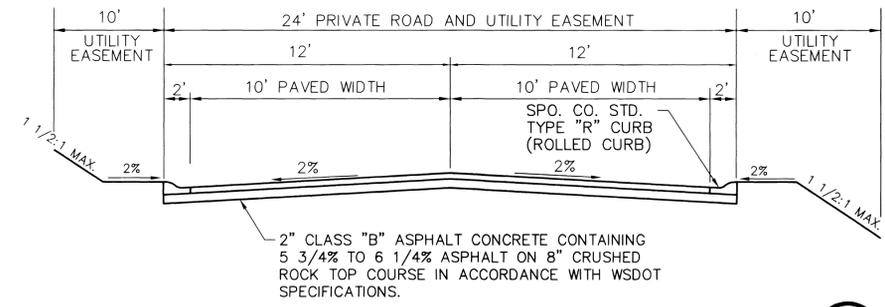
SECTION B-B
 2



CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	DELTA ANGLE
C3	50.28	32.00	45.26	90°01'22"
C4	50.25	32.00	45.25	89°58'38"



INTERSECTION DETAIL
 SCALE: 1" = 20'



PASADENA LANE ROAD SECTION
 NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: P-1944
 DATE ACCEPTED: 07-27-05
 ACCEPTANCE EXPIRES: 07-27-07
 PROJECT LANE MILES PUBLIC: N/A
 PROJECT LANE MILES PRIVATE: 0.22
 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
 NOT TO BE PERMITTED FOR CONSTRUCTION

COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM ORIGINATING FROM SPOKANE COUNTY TBM-MN6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL = 1986.87 NAVD-88
 TBM-2 TEMPORARY BENCHMARK ESTABLISHED: RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

Tru PL
 DEVELOPER'S APPROVAL

9/20/05
 DATE

NO	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:
 HORIZONTAL: N.A.
 VERTICAL: N.A.

PROJ #: 2004-35
 DATE: 07/01/05
 DRAWN: GFR
 APPROVED: TRW

WCE
 WHIPPLE CONSULTING ENGINEERS
 CIVIL AND TRANSPORTATION ENGINEERS
 13218 E SPRAGUE AVENUE
 SPOKANE VALLEY WASHINGTON 99216
 PH: 509-893-2617 FAX: 509-426-0227

STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
 PASADENA LANE STA 9+88.00 TO 11+62.00
 SPOKANE COUNTY, WASHINGTON

Professional Engineer Seal
 25462
 REGISTERED PROFESSIONAL ENGINEER
 EXPIRES 9/24/06

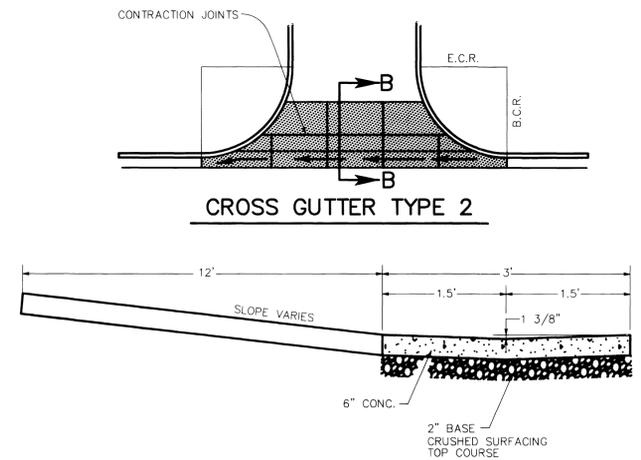
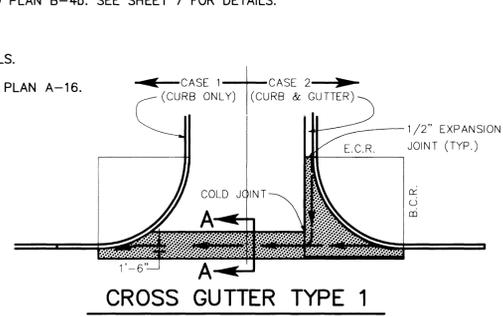
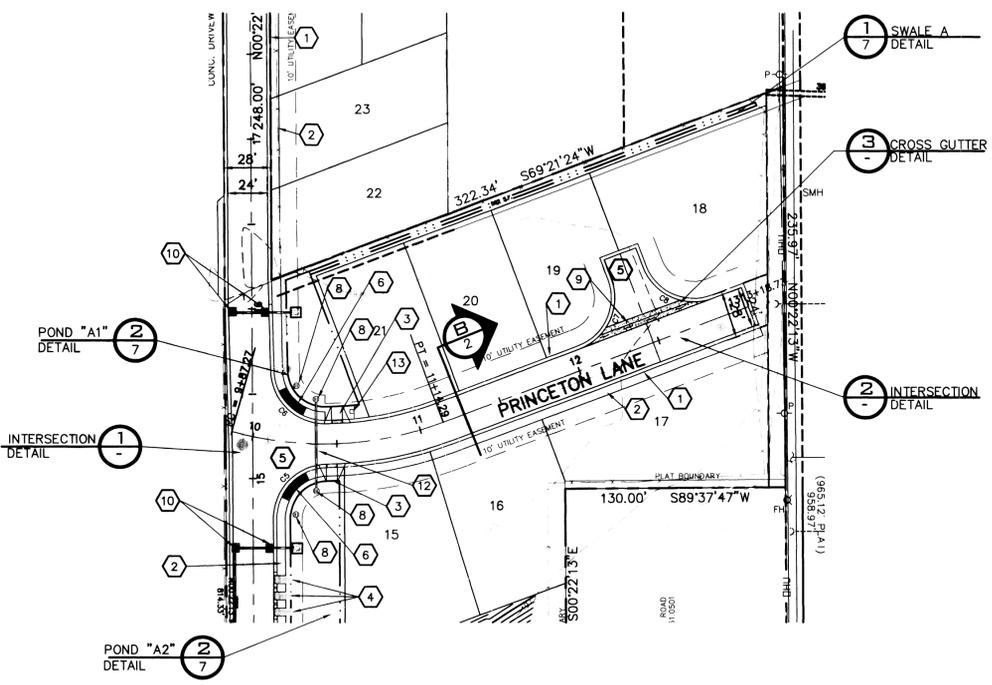
SHEET
 5 OF 13
 JOB NUMBER
 2004-35

P-1944 Eng Road Drainage

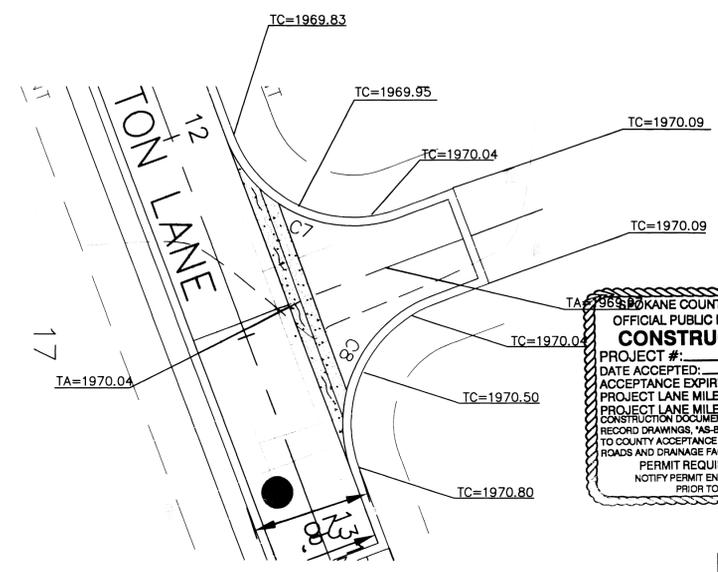
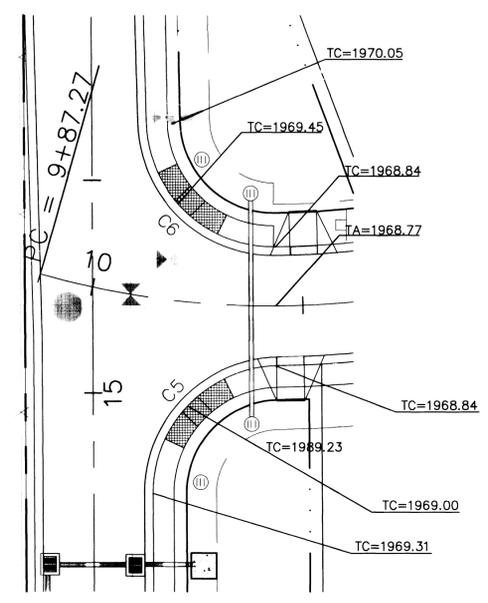
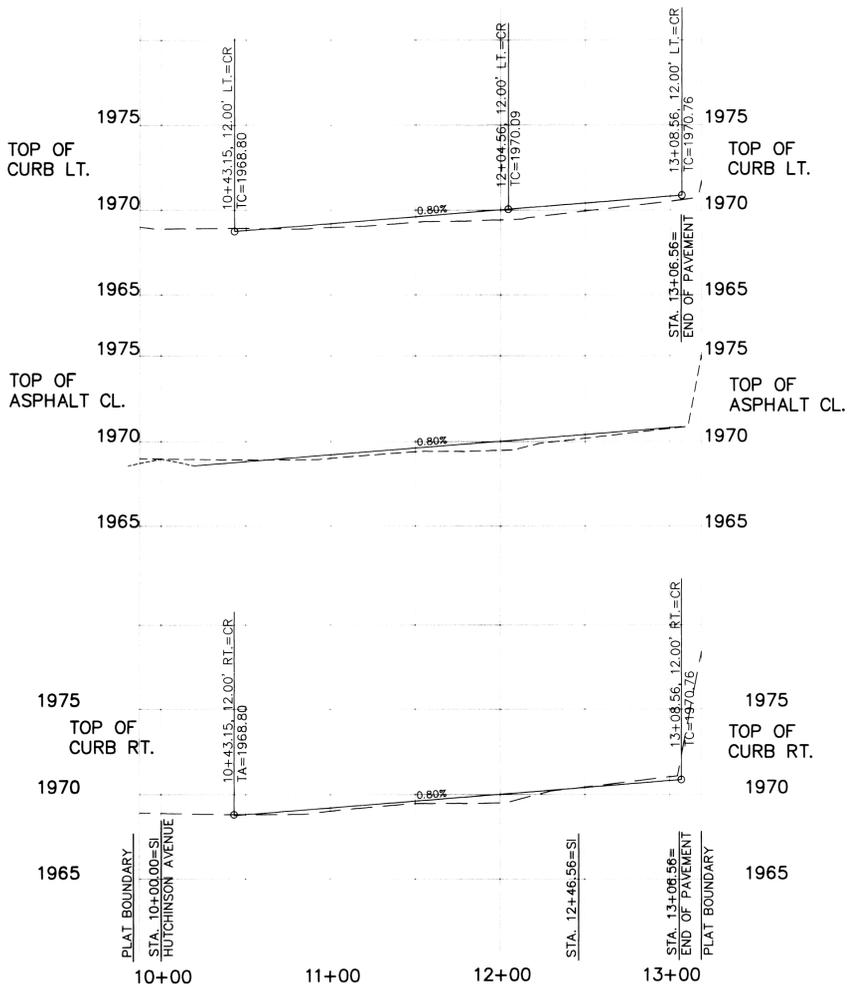
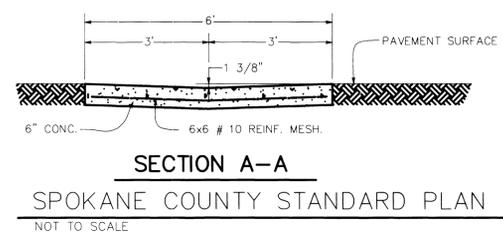


CONSTRUCTION NOTES

- 1 PROVIDE AND INSTALL "R" TYPE CURB PER DETAIL 1 THIS SHEET.
- 2 PROVIDE AND INSTALL CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
- 3 PROVIDE AND INSTALL CURB INLET TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL "5" SHEET 9.
- 4 PROVIDE AND INSTALL CURB INLET TYPE "2" PER SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL "6" SHEET 9.
- 5 PROVIDE AND INSTALL 2" OF ASPHALTIC CONCRETE PAVEMENT OVER 6" OF CRUSHED SURFACE TOP COURSE.
- 6 PROVIDE AND INSTALL CURB RAMP DESIGN "A" PER SPOKANE COUNTY STANDARD PLAN A-5.
- 7 NOT USED.
- 8 PROVIDE AND INSTALL TYPE "B" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B-1a AND SEE SWALE DETAILS SHEET 7 AND 8.
- 9 PROVIDE AND INSTALL CROSS GUTTER TYPE 1 PER SPOKANE COUNTY STANDARD PLAN B-18. SEE SHEET 5 FOR DETAILS.
- 10 PROVIDE AND INSTALL WSDOT TYPE "1" GRATE INLETS PER WSDOT STANDARD PLAN B-4b. SEE SHEET 7 FOR DETAILS.
- 11 NOT USED.
- 12 PROVIDE AND INSTALL 12" PVC EQUALIZING PIPE BETWEEN TYPE "B" DRYWELLS.
- 13 PROVIDE AND INSTALL STREET NAME SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.



CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	DELTA ANGLE
C5	50.16	32.00	45.18	89°48'26"
C6	49.51	32.00	44.72	88°38'31"
C7	50.27	32.00	45.25	90°00'00"
C8	50.27	32.00	45.25	90°00'00"



SPokane County Engineers Office
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: P-1944
 DATE ACCEPTED: 09-22-05
 ACCEPTANCE EXPIRES: 07-22-07
 PROJECT LANE MILES PUBLIC: 1.00
 PROJECT LANE MILES PRIVATE: 1.60
 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.

INTERSECTION DETAIL 1
 SCALE: 1" = 20'

INTERSECTION DETAIL 2
 SCALE: 1" = 20'

COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM, ORIGINATING FROM SPOKANE COUNTY TBM-MN6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL = 1966.87 NAVD-88
 TBM-2 TEMPORARY BENCHMARK ESTABLISHED: RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

Truh
 DEVELOPER'S APPROVAL

9/20/05
 DATE

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:
 HORIZONTAL: N.A.
 VERTICAL: N.A.

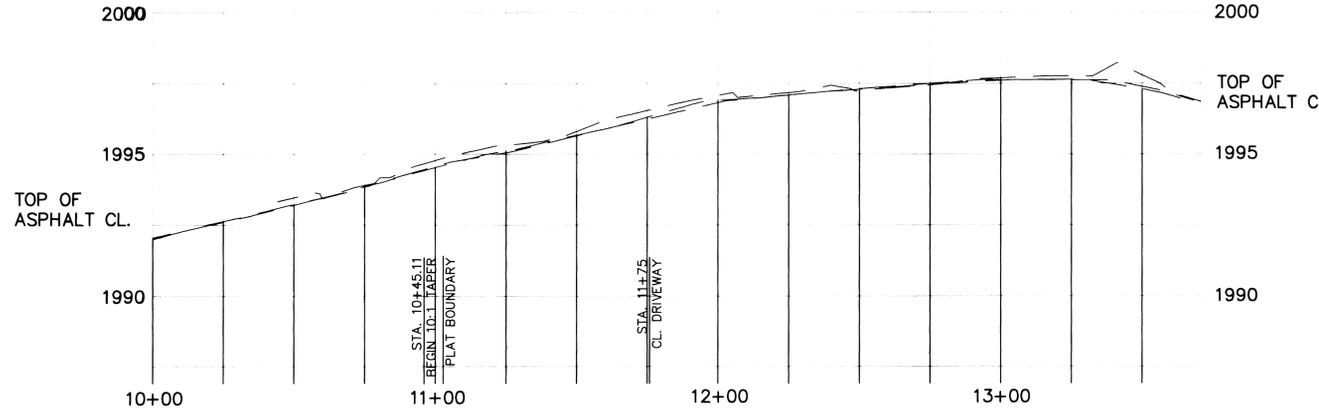
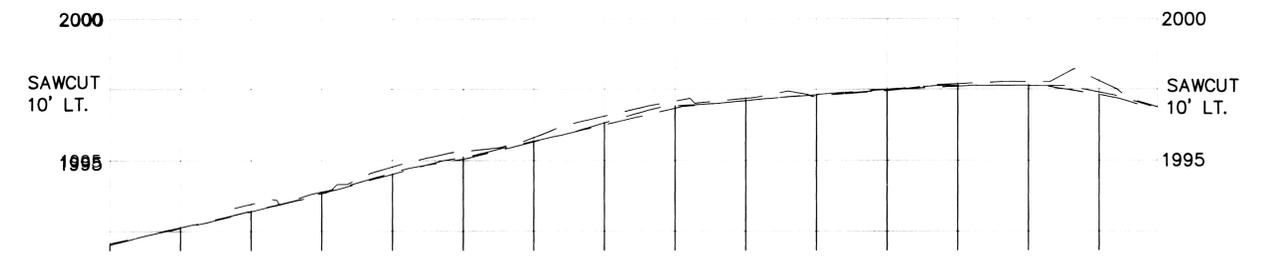
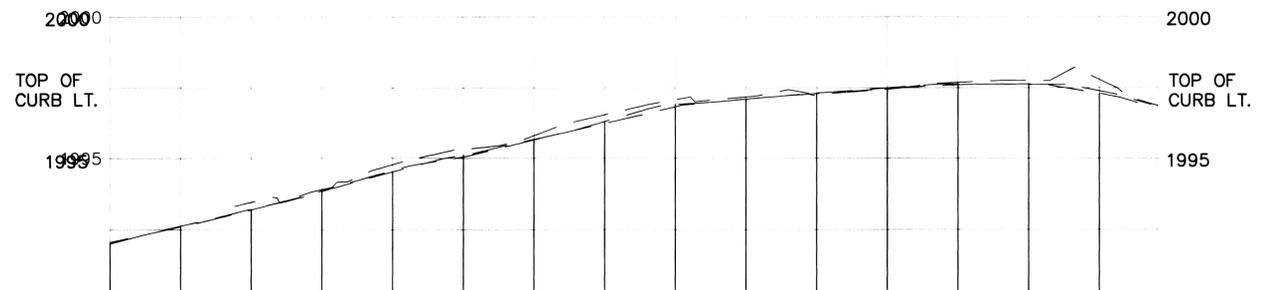
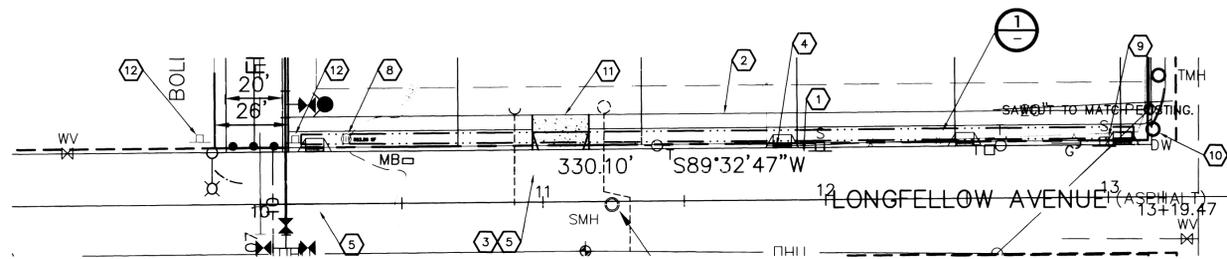
PROJ #: 2004-35
 DATE: 07/01/05
 DRAWN: GFR
 APPROVED: TRW



STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
 PRINCETON LANE STA 9+87.27 TO 13+18.73
 SPOKANE COUNTY, WASHINGTON

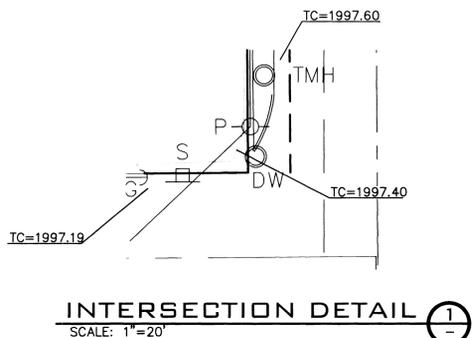
SHEET
 6 OF 13
 JOB NUMBER
 2004-35

P-1944 *Eng. Rand Murray*



CONSTRUCTION NOTES

- ① PROVIDE AND INSTALL "B" TYPE CURB PER DETAIL 4, SHEET 2.
- ② PROVIDE AND INSTALL CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
- ③ SAWCUT AND TACK COAT. SEE SECTION 2 SHEET 2.
- ④ PROVIDE AND INSTALL CURB INLET TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL "5" SHEET 11.
- ⑤ PROVIDE AND INSTALL 2" OF ASPHALTIC CONCRETE PAVEMENT OVER 8" OF CRUSHED SURFACE TOP COURSE.
- ⑥ NOT USED.
- ⑦ NOT USED.
- ⑧ PROVIDE AND INSTALL TYPE "B" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B-1a. SEE SWALE DETAILS SHEET 9 AND 10.
- ⑨ ADJUST EXISTING STREET SIGN.
- ⑩ ADJUST EXISTING DRYWELL.
- ⑪ PROVIDE AND INSTALL DRIVEWAY PER DETAIL 2 SHEET 2.
- ⑫ PROVIDE AND INSTALL "NO PARKING ANYTIME" STREET SIGNS PER SPOKANE COUNTY STANDARD PLAN R7-1A.



SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: P-1944
 DATE ACCEPTED: 09-22-05
 ACCEPTANCE EXPIRES: 09-22-07
 PROJECT LANE MILES PUBLIC: 0.111
 PROJECT LANE MILES PRIVATE: 0.0
 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

GRAPHIC SCALE
 30 15 30 60
 (IN FEET)
 1 inch = 30 ft.

PROFESSIONAL ENGINEER
 25462
 EXPIRES 9/24/2006

COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM, ORIGINATING FROM SPOKANE COUNTY TBM-MN6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL = 1986.87 NAVD-88
 TBM-2 TEMPORARY BENCHMARK ESTABLISHED: RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

Traph
 DEVELOPER'S APPROVAL

9/20/05
 DATE

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:
 HORIZONTAL:
 1"=30'
 VERTICAL:
 1"=3'

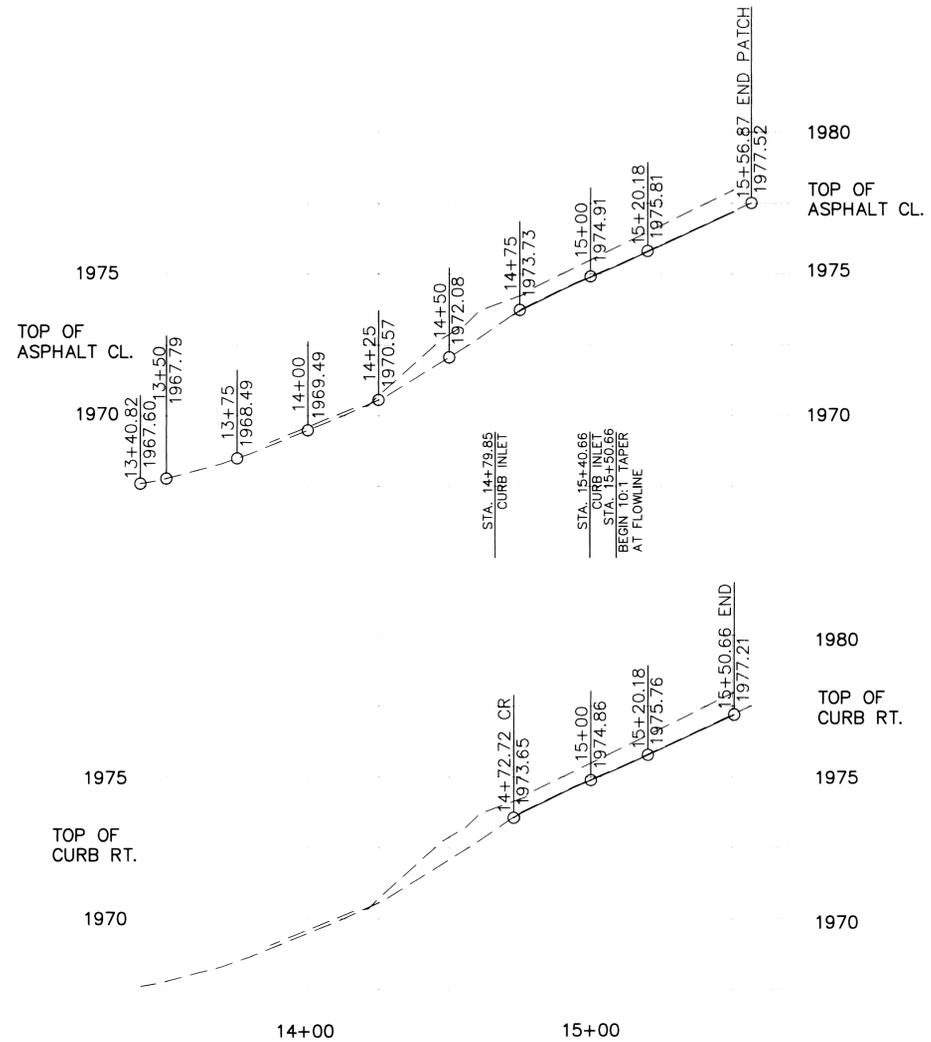
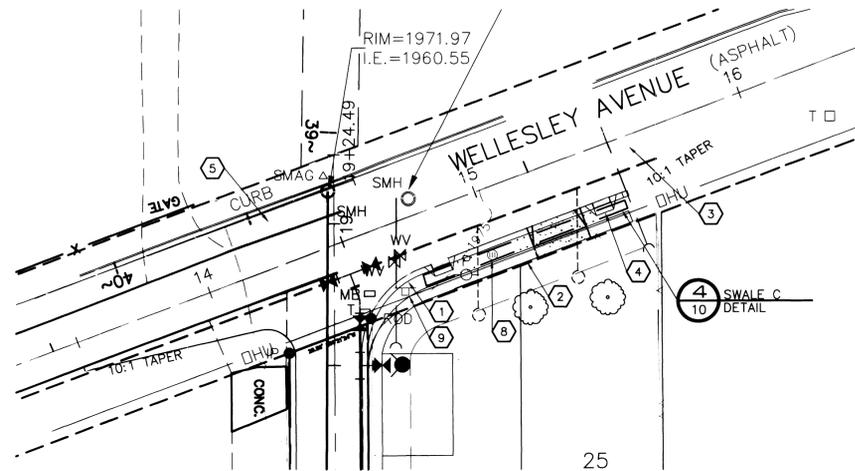
PROJ #: 2004-35
 DATE: 07/01/05
 DRAWN: GFR
 APPROVED: TRW

WCE
 WHIPPLE CONSULTING ENGINEERS
 CIVIL AND TRANSPORTATION ENGINEERING
 13218 E SPRAGUE AVENUE
 SPOKANE VALLEY, WASHINGTON 99216
 PH: 509-893-2617 FAX: 509-928-0227

STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
LONGFELLOW AVENUE STA 10+00 TO 13+63.49
SPOKANE COUNTY, WASHINGTON

SHEET
7 OF 13
 JOB NUMBER
2004-35

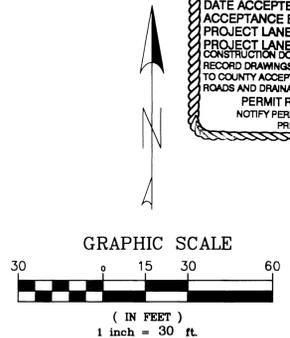
P-1944 Eng/Prof-Drainage



CONSTRUCTION NOTES

- ① PROVIDE AND INSTALL "B" TYPE CURB PER DETAIL 4, SHEET 2.
- ② PROVIDE AND INSTALL CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
- ③ SAWCUT AND TACK COAT. SEE SECTION 2 SHEET 2.
- ④ PROVIDE AND INSTALL CURB INLET TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL "5" SHEET 11.
- ⑤ PROVIDE AND INSTALL 2" OF ASPHALTIC CONCRETE PAVEMENT OVER 8" OF CRUSHED SURFACE TOP COURSE.
- ⑥ NOT USED.
- ⑦ NOT USED.
- ⑧ PROVIDE AND INSTALL TYPE "B" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B-10. SEE SWALE DETAILS SHEET 9 AND 10.
- ⑨ PROVIDE AND INSTALL STREET NAME SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.

SPOKANE COUNTY ENGINEERS OFFICIAL PUBLIC DOCUMENT ORIGIN
CONSTRUCTION PLAN
 PROJECT #: P-1944
 DATE ACCEPTED: 09-22-05
 ACCEPTANCE EXPIRES: 09-22-07
 PROJECT LANE MILES PUBLIC: 0.44
 PROJECT LANE MILES PRIVATE: 0.00
 CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF TROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
 PERMIT REQUIRED! (509) 477-3600
 NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION.



⊕ COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM ORIGINATING FROM SPOKANE COUNTY TBM-MN6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL = 1986.87 NAVD-88
 TBM-2 TEMPORARY BENCHMARK ESTABLISHED RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

Tru PL
 DEVELOPER'S APPROVAL

9/24/05
 DATE

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:
 HORIZONTAL: 1"=30'
 VERTICAL: 1"=3'

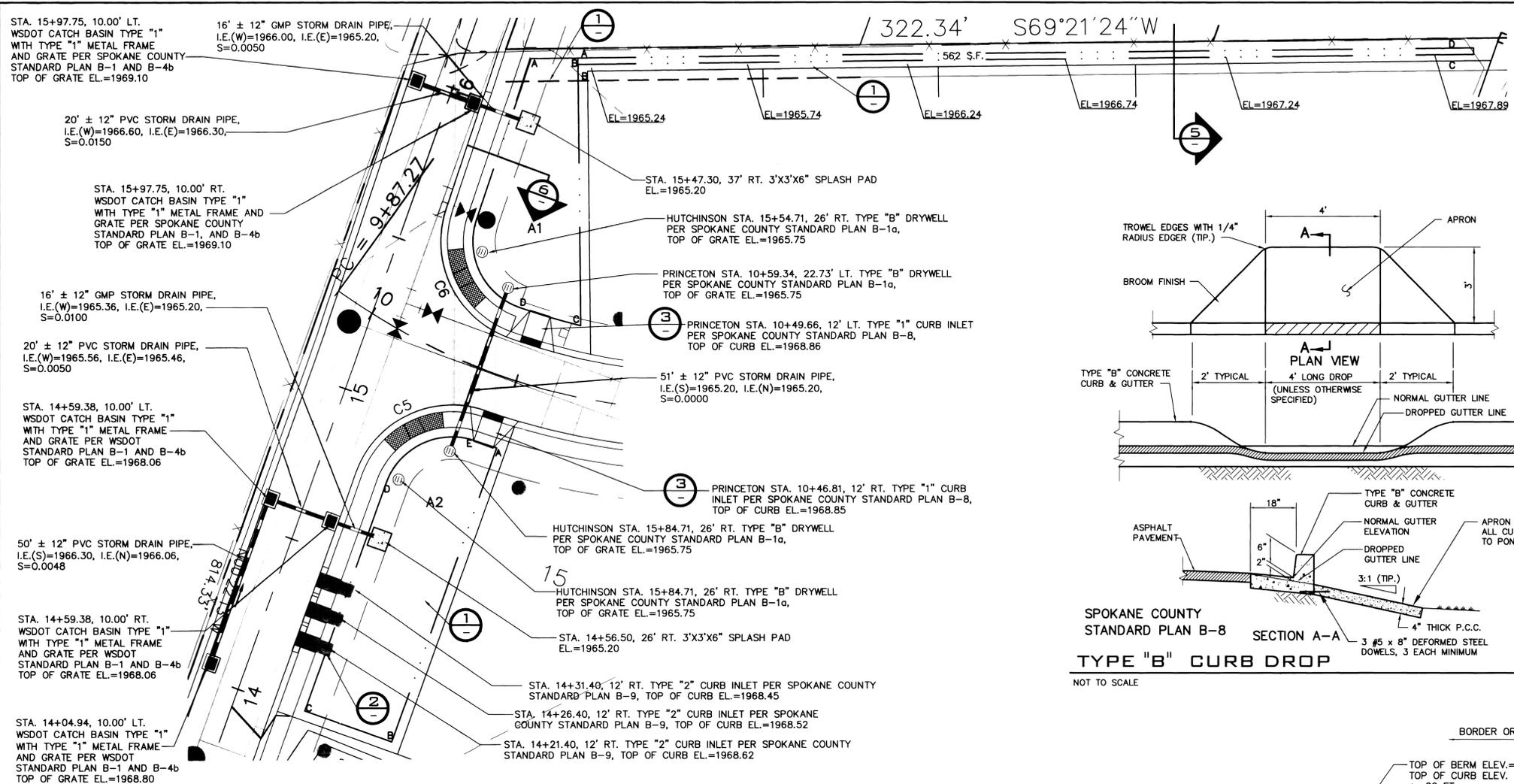
PROJ #: 2004-35
 DATE: 07/01/05
 DRAWN: GFR
 APPROVED: TRW



STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
WELLESLEY AVENUE STA 13+40.82 TO 15+56.87
SPOKANE COUNTY, WASHINGTON

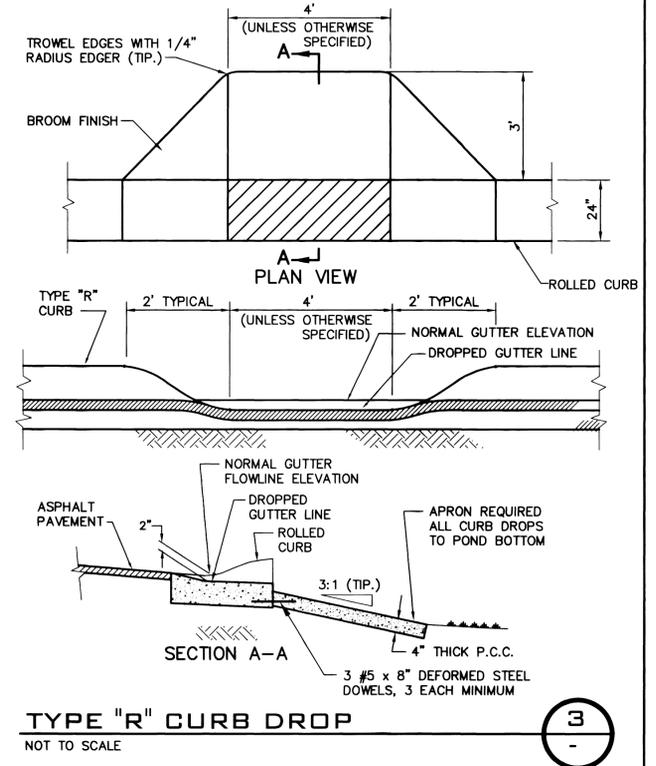
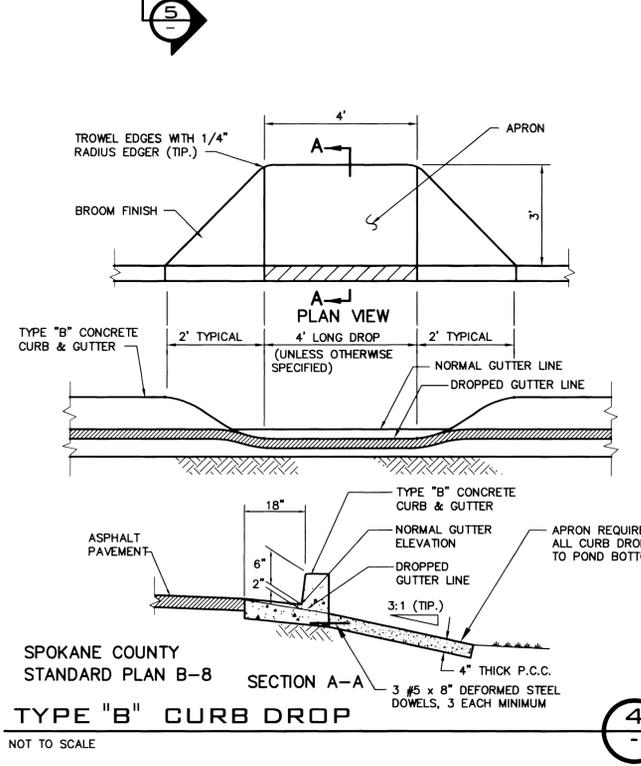
SHEET
8 OF 13
 JOB NUMBER
2004-35

P-1944 Eng Road-Drainage



CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	DELTA ANGLE
C5	50.16	32.00	45.18	89°48'26"
C6	49.51	32.00	44.72	88°38'31"

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



POND A1 BOTTOM LOCATION TABLE				
POINT	STATION	OFFSET	DIST.	
A	HUTCH. 16+16.77	20.14' RT.	14.70'	
B	HUTCH. 16+21.86	33.95' RT.	83.80'	
C	PRINCE. 10+65.81	22.00' LT.	20.16'	
D	PRINCE. 10+43.15	22.00' LT.	34.46'	
E	HUTCH. 15+63.68	20.89' RT.	53.10'	

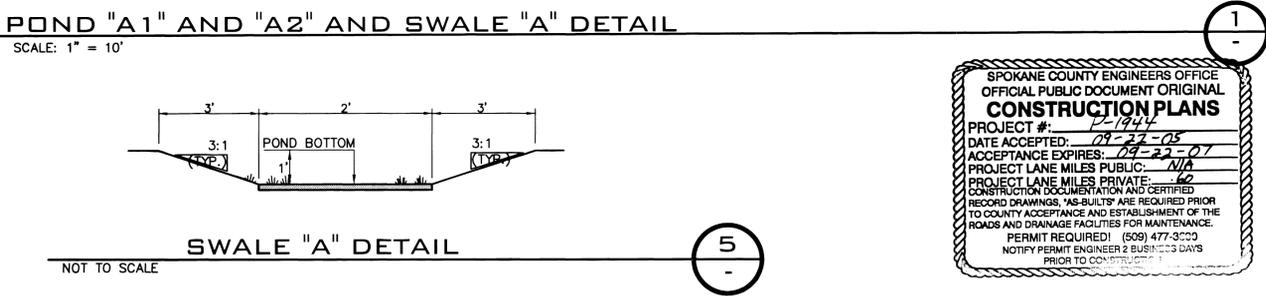
POND A2 BOTTOM LOCATION TABLE				
POINT	STATION	OFFSET	DIST.	
A	PRINCE. 10+50.57	22.00' RT.	97.72'	
B	HUTCH. 14+00.58	51.00' RT.	30.00'	
C	HUTCH. 14+00.58	21.00' RT.	75.58'	
D	HUTCH. 14+76.16	22.00' RT.	34.51'	
E	PRINCE. 10+44.20	22.00' RT.	7.08'	

SWALE "A" BOTTOM LOCATION		
POINT	STATION	OFFSET
A	HUTCH. 16+21.86	33.93' RT.
B	HUTCH. 16+19.99	34.63' RT.
C	HUTCH. 17+19.27	297.66' RT.
D	HUTCH. 17+17.40	298.37' RT.

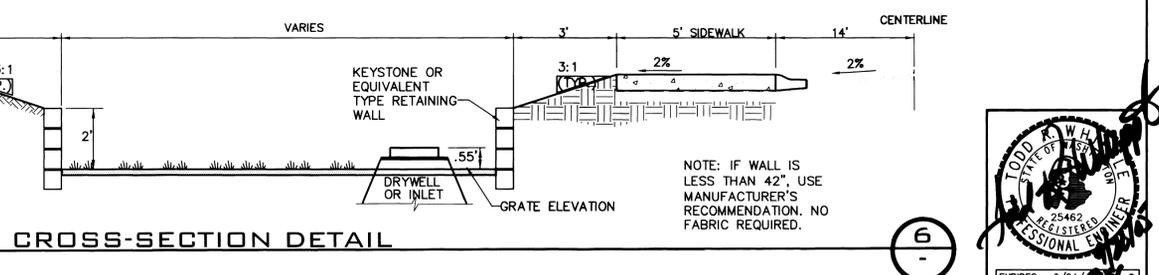
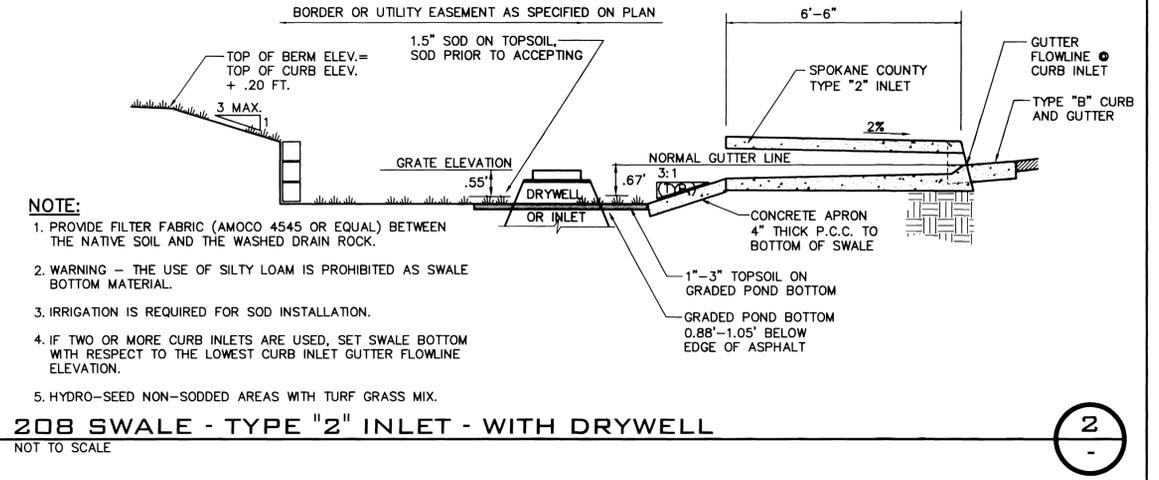
POND "A1"
 FINISHED GRADE POND BOTTOM EL.=1965.20
 POND BOTTOM AREA PROVIDED=2090 S.F.

POND "A2"
 FINISHED GRADE POND BOTTOM EL.=1965.20
 POND BOTTOM AREA PROVIDED=2726 S.F.

SWALE "A"
 FINISHED GRADE POND BOTTOM EL. VARIES;
 SLOPE = .0100 FT/FT INTO POND A
 POND BOTTOM AREA PROVIDED=562 S.F.



SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: P-1944
 DATE ACCEPTED: 09-27-05
 ACCEPTANCE EXPIRES: 09-22-07
 PROJECT LANE MILES PUBLIC: N/A
 PROJECT LANE MILES PRIVATE: .62
 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



COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM, ORIGINATING FROM SPOKANE COUNTY TBM-MN6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL.=1968.87 NAVD-88
 TBM-2 TEMPORARY BENCHMARK ESTABLISHED: RAILROAD SPIKE IN UTILITY POLE EL.=1997.52

Trail
 DEVELOPER'S APPROVAL

alops
 DATE

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	08/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:
 HORIZONTAL: N.A.
 VERTICAL: N.A.

PROJ #: 2004-35
 DATE: 07/01/05
 DRAWN: GFR
 APPROVED: TRW

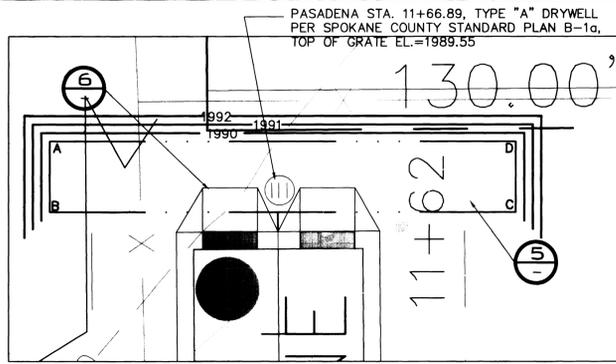
IWCE
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 SPOKANE VALLEY, WASHINGTON 99216
 PH: 509-893-2617 FAX: 509-926-0227

STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
SWALE PLAN
SPOKANE COUNTY, WASHINGTON

PROFESSIONAL ENGINEER
 25462
 EXPIRES 9/24/2016

SHEET
9 OF 13
 JOB NUMBER
2004-35

P-1944 Eng Lead: Drainage



PASADENA STA. 11+66.89, TYPE "A" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B-1a, TOP OF GRATE EL.=1989.55

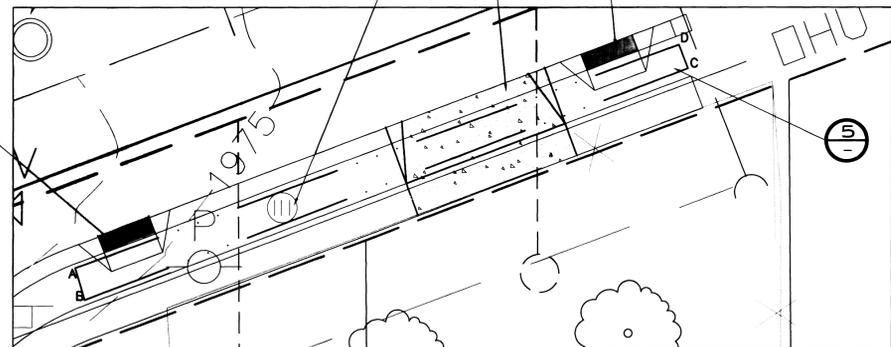
POND BOTTOM LOCATION TABLE			
STATION & OFFSET			
POINT	STATION	OFFSET	DIST.
A	PASAD. 11+72.96	27.00' LT.	8.48'
B	PASAD. 11+64.48	27.00' LT.	54.00'
C	PASAD. 11+64.48	27.00' RT.	8.48'
D	PASAD. 11+72.96	27.00' RT.	54.00'
A			

POND "B"
FINISHED GRADE POND BOTTOM EL.=1989.05
SWALE BOTTOM AREA PROVIDED=458 S.F.

POND "B" DETAIL

SCALE: 1" = 10'

HUTCHINSON STA. 18+93.53, 68.71' RT TYPE "A" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B-1a, TOP OF GRATE EL.=1973.47

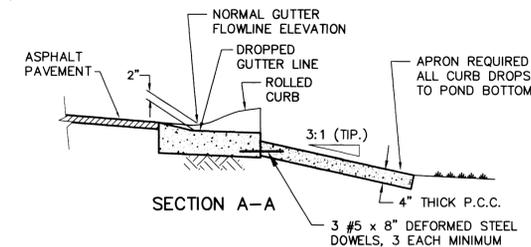
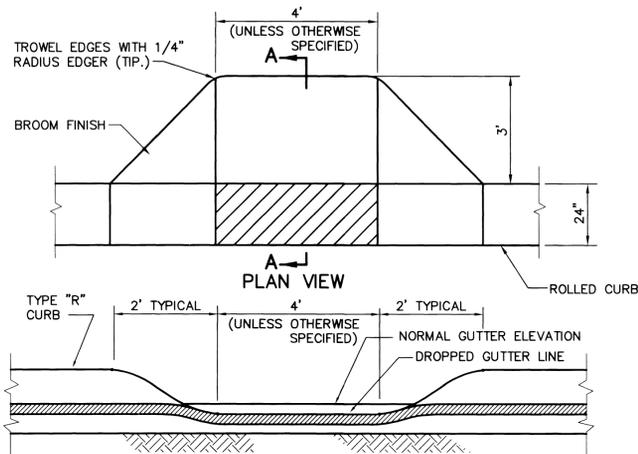


SWALE BOTTOM LOCATION TABLE			
STATION & OFFSET			
POINT	STATION	OFFSET	DIST.
A	HUTCH. 18+81.27	31.61' RT.	3.00'
B	HUTCH. 18+78.45	32.65' RT.	76.00'
C	HUTCH. 19+04.79	103.95' RT.	3.00'
D	HUTCH. 19+07.60	102.91' RT.	76.00'
A			

SWALE "C"
FINISHED GRADE POND BOTTOM EL.=1972.97
SWALE BOTTOM AREA PROVIDED=228.00 S.F.

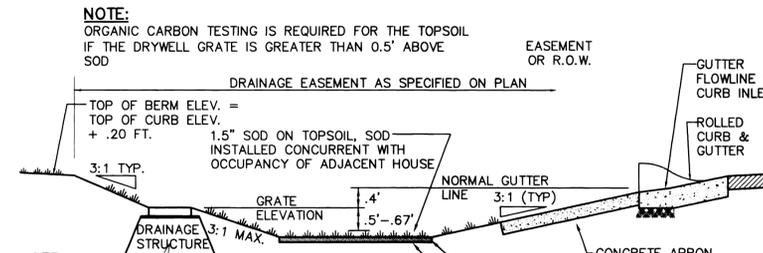
SWALE "C" DETAIL

SCALE: 1" = 10'



TYPE "R" CURB DROP

NOT TO SCALE



NOTE:

PROVIDE FILTER FABRIC (AMOCO 4545 OR EQUAL) BETWEEN THE NATIVE SOIL AND THE WASHED DRAIN ROCK AND BETWEEN THE WASHED DRAIN ROCK AND THE DRYWELL

* IF TWO OR MORE CURB INLETS ARE USED, SET POND BOTTOM WITH RESPECT TO THE LOWEST CURB INLET GUTTER FLOWLINE ELEVATION

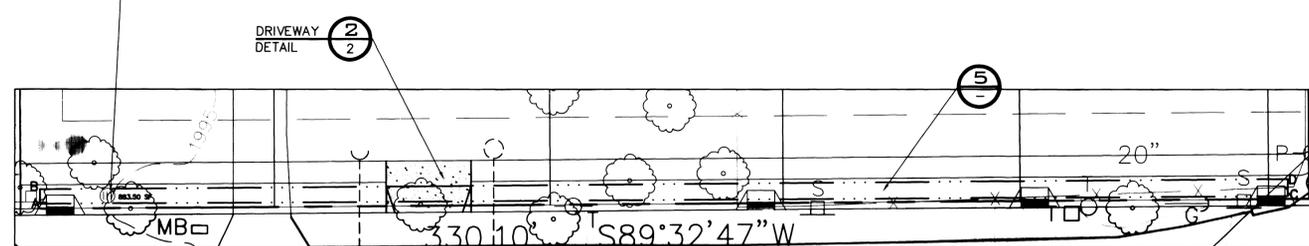
** WARNING - THE USE OF SILTY LOAM IS PROHIBITED AS POND BOTTOM MATERIAL

TYPICAL "208" POND WITH DRAINAGE STRUCTURE (R CURB)

NOT TO SCALE

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

LONGFELLOW STA. 10+30.52, 20.16' RT TYPE "A" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B-1a, TOP OF GRATE EL.=1993.22



SWALE BOTTOM LOCATION TABLE			
STATION & OFFSET			
POINT	STATION	OFFSET	DIST.
A	LONGFELL. 10+84.96	20.66' LT.	3.00'
B	LONGFELL. 10+84.96	23.66' LT.	281.88'
C	LONGFELL. 13+66.84	20.66' LT.	3.00'
D	LONGFELL. 13+66.84	23.66' LT.	281.88'
A			

SWALE "D"
FINISHED GRADE POND BOTTOM EL.=1992.72
SWALE BOTTOM AREA PROVIDED=846 S.F.

SWALE "D" DETAIL

SCALE: 1" = 10'

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1944
DATE ACCEPTED: 08-22-07
ACCEPTANCE EXPIRES: 08-22-07
PROJECT LANE MILES PUBLIC: 11/8
PROJECT LANE MILES PRIVATE: .66
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!

COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM, ORIGINATING FROM SPOKANE COUNTY TBM-4M6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL.=1986.87 NAVD-88
TBM-2 TEMPORARY BENCHMARK ESTABLISHED: RAILROAD SPIKE IN UTILITY POLE EL.=1997.52

Tru PL
DEVELOPER'S APPROVAL

9/20/05
DATE

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:
HORIZONTAL: N.A.
VERTICAL: N.A.

PROJ #: 2004-35
DATE: 07/01/05
DRAWN: GFR
APPROVED: TRW

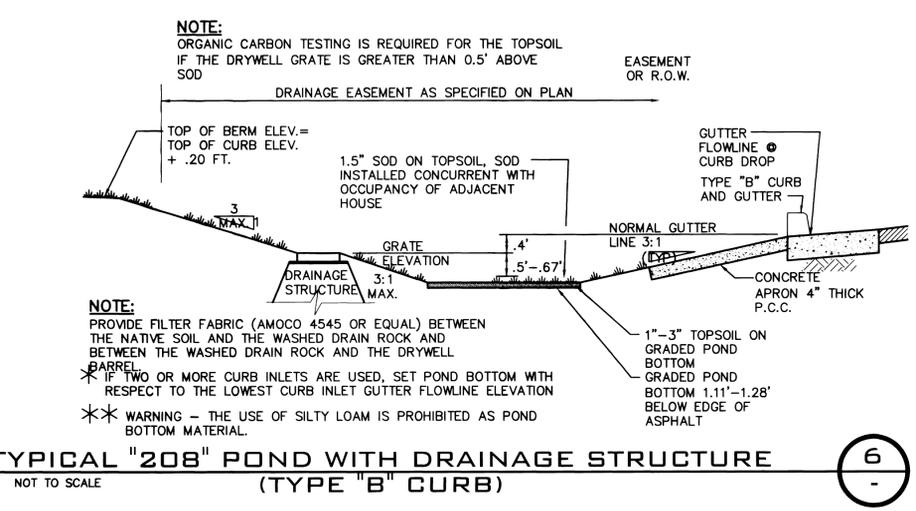
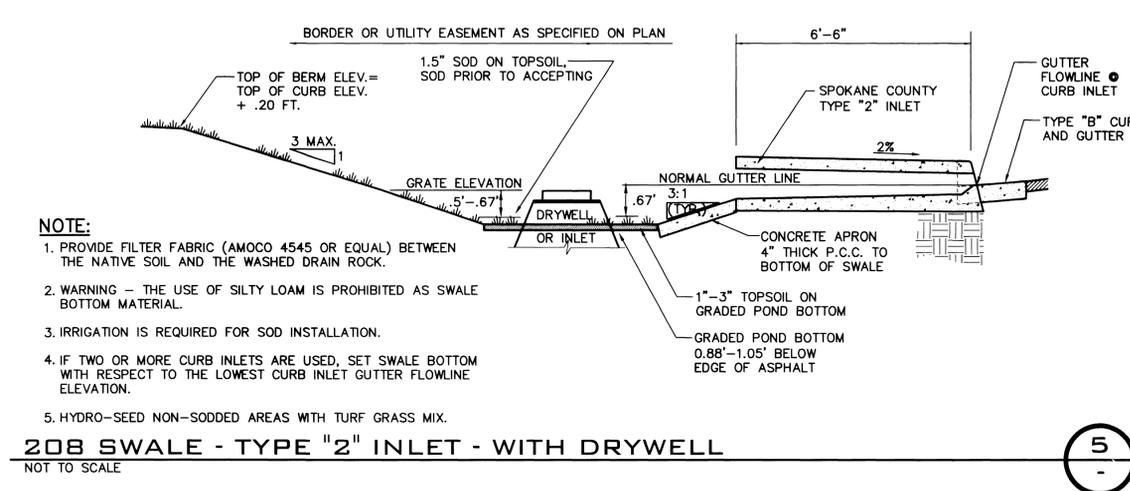
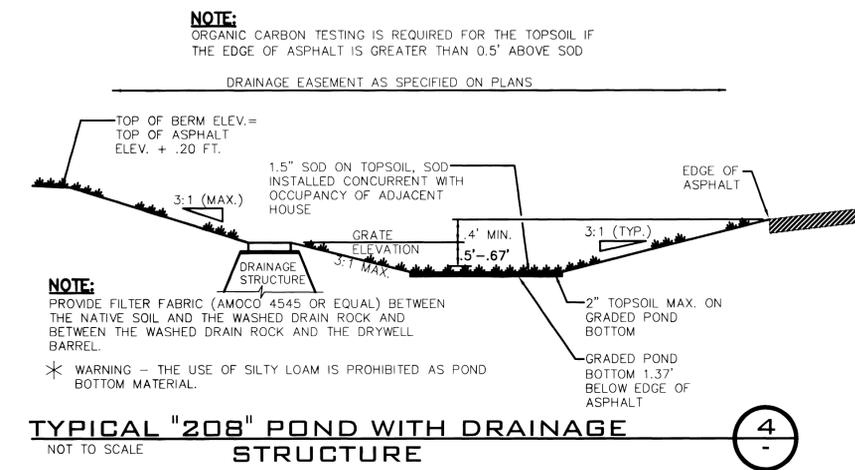
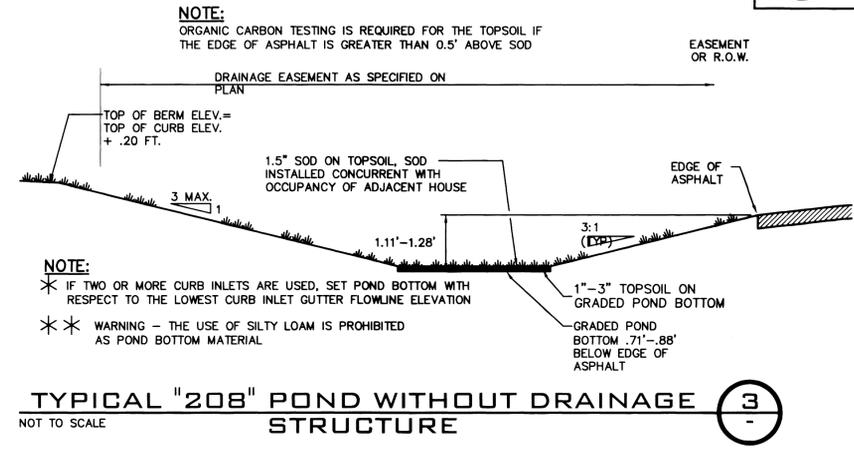
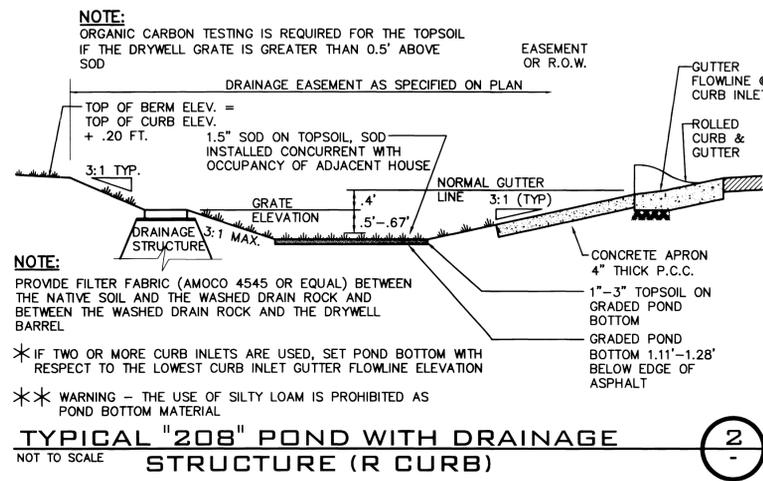
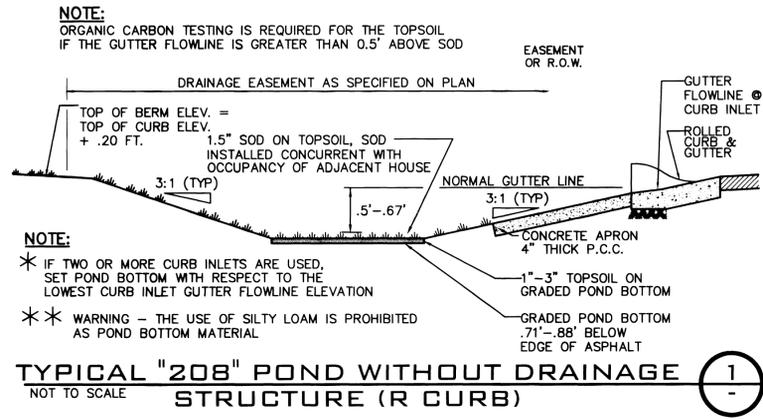
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13218 E. SPRAGUE AVENUE
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
SWALE PLAN
SPOKANE COUNTY, WASHINGTON

Professional Engineer
TODD W. H. W.
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/10

SHEET
10 OF 13
JOB NUMBER
2004-35

P1944 EngRoad-Drainag



SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: P-1944
 DATE ACCEPTED: 09-22-05
 ACCEPTANCE EXPIRES: 09-22-07
 PROJECT LANE MILES PUBLIC: N/A
 PROJECT LANE MILES PRIVATE: 0.62
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 PERMIT REQUIRED! (509) 477-8000
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COUNTY DATUM

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 TBM-2 TEMPORARY BENCHMARK ESTABLISHED: RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

Tru-Pl
 DEVELOPER'S APPROVAL

9/20/05
 DATE

NO.	DATE	BY	REVISIONS
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SCALE:
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STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
SWALE DETAILS
SPOKANE COUNTY, WASHINGTON

PROFESSIONAL ENGINEER
 25462
 EXPIRES 9/24/10

SHEET
 11 OF 13
 JOB NUMBER
 2004-35

P-1944 Eng Road Drainage

EROSION CONTROL PLANS

PRAIRIE RIDGE

SPOKANE COUNTY, WASHINGTON

NE. 1/4 S. 06, T. 25 N., R. 44 E., W.M.

EROSION & SEDIMENT CONTROL

GENERAL NOTES AND INFORMATION

1. AN EROSION/SEDIMENT CONTROL (E.S.C.) PLAN IS REQUIRED FOR THIS PROJECT. IMPLEMENTATION OF THE E.S.C. PLAN, AND CONSTRUCTION, MAINTENANCE, AND UPGRADING OF THE 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.
2. APPROVAL OF THE E.S.C. PLAN DOES NOT CONSTITUTE APPROVAL OF ANY OF THE PROPOSED ROAD, STORM DRAINAGE, GRADING OR UTILITY DESIGN ELEMENTS SHOWN ON THE E.S.C. PLAN.
3. THE EROSION/SEDIMENT CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THESE 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 GALERIES.
4. 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.
5. THE SILT FENCES SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO OTHER SITE WORK, AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION ENTRIES AT ANY AND ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE.
7. 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.
8. PROPERTY OWNER: PAKIBA, (509) 455-8883 PERMIT APPLICANT: PAKIBA, (509) 455-8883 CONTACT PERSON ON SITE: TRAVIS, (509) 951-4976.
9. PROJECT LOCATION: IN SPOKANE COUNTY, NE. 1/4 S. 06, T. 25 N., R. 44 E., W.M.
10. PROJECT DESCRIPTION: PRAIRIE RIDGE IS A RESIDENTIAL SUBDIVISION CONSISTING OF 25 LOTS AND WILL REQUIRE CONSTRUCTION OF SEWER, WATER, ROADS, AND STORM DRAINAGE. THE IMPROVEMENTS CONSIST OF APPROXIMATELY 1748 LINEAR FEET OF DRAINAGE AND ELECTRICAL FACILITIES. 1748 LINEAR FEET OF NEW PUBLIC ROADS; PRIVATE DRIVEWAY AND CURBS, WITH ASSOCIATED STORM DRAINAGE.
11. DESCRIPTION OF E.S.C. MEASURES: USE OF SILT FENCES AND ROCK CONSTRUCTION ENTRIES. ALL E.S.C. MEASURES MENTIONED ABOVE ARE TEMPORARY AND WILL BE REMOVED AFTER YARDS ARE LANDSCAPED.
12. EXISTING VEGETATION: FIELD GRASS.
13. PLAN PREPARATION DATE: AUGUST 16, 2005
14. SOILS: ON SITE SOILS, GARRISON GRAVELLY LOAM, (GgB), VERY STONY LOAM, (GnB).
15. 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.
16. CONTROL OF POLLUTANTS: ANY SPILLS WILL BE HANDLED ACCORDING TO D.O.E. AND D.O.H. GUIDELINES.
17. LIMITS OF GRADING: DURING THE COURSE OF CONSTRUCTION, THE AMOUNT OF DISTURBED AREA SHALL BE KEPT TO A MINIMUM AND SHALL BE LIMITED TO THE AREA SHOWN AS "LIMITS OF GRADING" ON THIS SHEET OF THE EROSION CONTROL PLANS.

MAINTENANCE

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF THE TEMPORARY E.S.C. MEASURES.
2. SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RUNOFF-PRODUCING RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
3. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF FILTER FABRIC SHALL BE ACCOMPLISHED PROMPTLY.
4. 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.
5. 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.
6. ALL TEMPORARY AND PERMANENT E.S.C. PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
7. 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.
8. 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.
9. 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 EROSION AND SEDIMENT CONTROL.

Todd R. Whipple 9/20/05
ENGINEER TODD R. WHIPPLE, P.E.

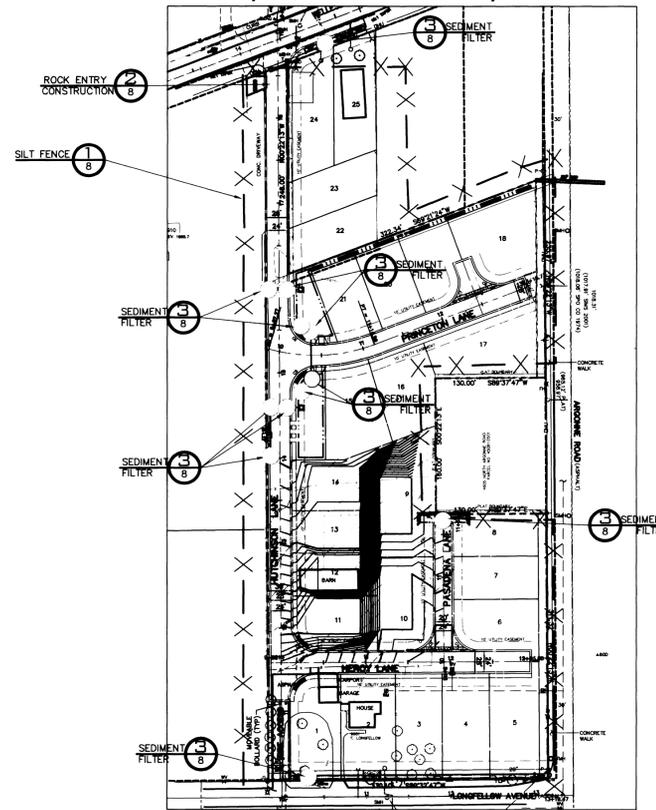
OFFICIAL PUBLIC DOCUMENT ORIGINAL CONSTRUCTION PLANS

PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
PROJECT LANE MILES PUBLIC:
PROJECT LANE MILES PRIVATE:
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) 477-0500
NOT PERMITTED TO BE REPRODUCED
EXPIRES 9/24/2014



GENERAL NOTES

1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED SITE WORK STANDARDS AND THE STANDARDS AND SPECIFICATIONS SET FORTH IN THE SPOKANE COUNTY REGULATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK WITHIN PUBLIC R.O.W. OR EASEMENTS SHALL BE INSPECTED AND APPROVED BY THE SPOKANE COUNTY INSPECTOR. INSPECTION SERVICES AND CONSTRUCTION CERTIFICATION TO BE PROVIDED BY DESIGNEE OF PROJECT SPONSOR/OWNER.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT THE CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE SPOKANE COUNTY INSPECTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITY OR CONSTRUCTION ON ANY AND ALL PUBLIC IMPROVEMENTS.
4. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH SPOKANE COUNTY AND ALL UTILITY COMPANIES WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.
5. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS, AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB ON-SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
7. IF, DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED BY THE CONTRACTOR, HIS SUBCONTRACTORS, OR OTHER AFFECTED PARTIES, WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
8. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
9. FOR WORK AFFECTING PUBLIC ROADWAYS OR IF REQUIRED BY THE SPOKANE COUNTY THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND PHASING PLAN, IN ACCORDANCE WITH M.U.C.D. 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 SAID PLANS. PRIOR TO INSTALLATION AND PRECONSTRUCTION CONFERENCE SHALL BE HELD WITH SPOKANE COUNTY.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED, INSTALLED, CONSTRUCTED, REMOVED OR RELOCATED UNLESS SPECIFICALLY NOTED OTHERWISE.
11. PER AGENCY STANDARDS THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING RECORD INFORMATION ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE AND AVAILABLE TO THE SPOKANE COUNTY INSPECTOR AT ALL TIMES.
13. DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. FOR ADDITIONAL INFORMATION CONTACT THE ENGINEER FOR CLARIFICATION AND NOTE ON THE RECORD DRAWINGS.
14. ALL EROSION AND SEDIMENT CONTROL (E.S.C.) MEASURES SHALL BE INSTALLED AT THE LIMITS OF CONSTRUCTION PRIOR TO GROUND-DISTURBING ACTIVITY. ALL E.S.C. MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREAS ARE STABILIZED WITH HARD SURFACE OR LANDSCAPING.
15. THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF WATER LINES AND DRY UTILITIES. 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.
16. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE SPOKANE COUNTY ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.
17. ALL CONSTRUCTION OPERATIONS, 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 TIME PERIOD APPROVED BY SPOKANE COUNTY.
18. BASED ON A REQUIREMENT FROM SPOKANE COUNTY, 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.
19. NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL BY THE SPOKANE COUNTY ENGINEER AND NOTIFICATION OF THE ENGINEER OF RECORD.

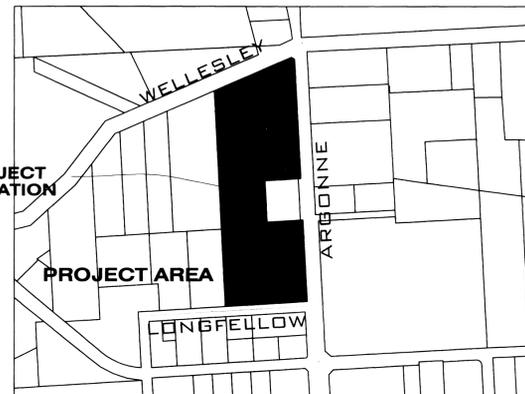


SITE PLAN

SCALE: 1" = 100'

LEGAL DESCRIPTION

LOT "B" OF SHORT PLAT 649-90



VICINITY MAP

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

WATER SURVEYOR

PASADENA PARK
9227 E. UPRIVER DRIVE
SPOKANE, WA 99206
PHONE: 509-926-5535
FAX: 509-926-3996
CONTACT: KATHLEEN SMALL

NATURAL GAS

AVISTA UTILITIES
1411 E. MISSION AVENUE
SPOKANE, WA 99220
PHONE: 509-495-4744
FAX: 509-495-8713
CONTACT: LOIS MCCAIN

SOLID WASTE

WASTE MANAGEMENT
SPOKANE, WASHINGTON
PHONE: 509-466-3400

OWNER

PAKIBA
601 S. DIVISION
SPOKANE, WA 99201
PHONE: 509-455-8883
CONTACT: BRIAN BALCH

SEWER

SPOKANE COUNTY UTILITIES
1026 WEST BROADWAY AVENUE
SPOKANE, WASHINGTON 99202
PHONE: 509-477-3604
FAX: 509-477-4715
CONTACT: BILLY URHAUSEN

INSPECTION

ALLWEST
1010 N. LAKE ROAD
SPOKANE, WA 99212
PHONE: 509-534-4411
FAX: 509-534-9326
CONTACT: PAUL T. NELSON P.E.

POWER

AVISTA UTILITIES
1411 E. MISSION AVENUE
SPOKANE, WA 99220
PHONE: 509-495-8773
FAX: 509-777-5223
CONTACT: DOUG DONAHOO

SURVEYOR

LANDTEK, LLC
624 NORTH MADEIRA STREET
SPOKANE, WASHINGTON 99202
PHONE: 509-926-2821
FAX: 509-926-2736
CONTACT: BRUCE R. LARSEN, P.L.S.

TELEPHONE

QWEST
904 NORTH COLUMBUS
SPOKANE, WA 99202
PHONE: 509-455-2580
FAX: 509-455-2104
CONTACT: DAVE CLARK

FIRE DEPARTMENT

FIRE DISTRICT NO. 1
EAST 10319 SPRAGUE AVENUE
SPOKANE VALLEY, WA 99206
PHONE: 509-328-1700
FAX: 509-892-4125
CONTACT: KEVIN MILLER

CABLE

COMCAST BROADBAND
1717 EAST BUCKEYE
SPOKANE, WA 99207
PHONE: 509-484-4931 EXT.53254
CONTACT: MIKE SMILEY

DEPT. OF HEALTH

SPOKANE COUNTY
1101 WEST COLLEGE AVENUE
SPOKANE, WA 99260
PHONE: 509-324-1560 EXT. 1
CONTACT: DON COPLEY

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:

HORIZONTAL:
N.A.
VERTICAL:
N.A.

PROJ #: 2004-35
DATE: 07/01/05
DRAWN: GFR
APPROVED: TRW

IWCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
13218 E. SPRAGUE AVENUE
SPOKANE VALLEY WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
EROSION CONTROL
SPOKANE COUNTY, WASHINGTON

SHEET
12 OF 13
JOB NUMBER
2004-35

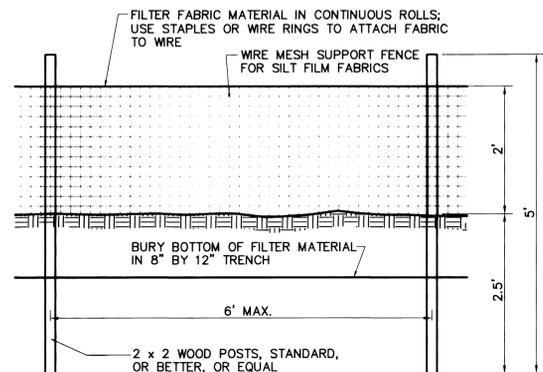
COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM ORIGINATING FROM SPOKANE COUNTY TBM-MR-8180. A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL = 1986.87 NAVD-88
TBM-2 TEMPORARY BENCHMARK ESTABLISHED RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

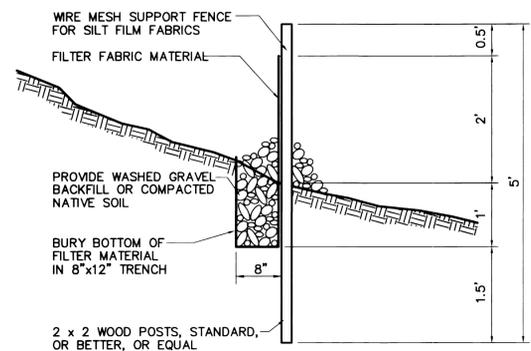
Travis
DEVELOPER'S APPROVAL

9/20/05
DATE

8-1944 Englehard Drainage

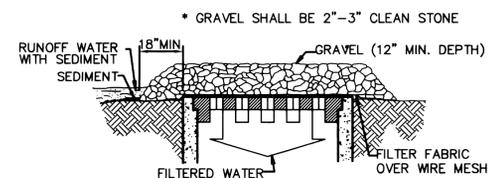


ELEVATION



SILT FENCE DETAIL

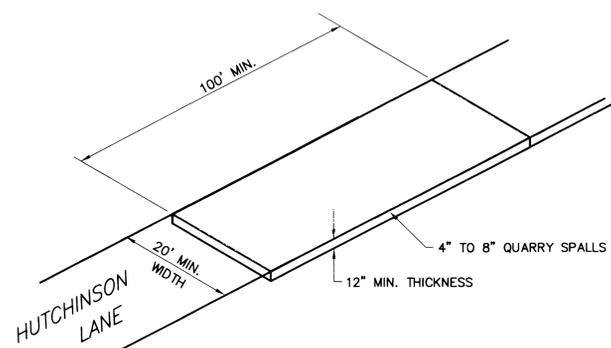
NOT TO SCALE



SPECIFIC APPLICATION
 THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED ACRES.

GRAVEL AND WIRE MESH INLET SEDIMENT FILTER

NOT TO SCALE



ROCK CONSTRUCTION ENTRY

NOT TO SCALE



LEGEND

- GRAVEL AND WIRE MESH INLET SEDIMENT FILTER
- SILT FENCE. SEE DETAIL 1 AND GENERAL NOTE 5.
- ROCK CONSTRUCTION ENTRY. SEE DETAIL 2 AND GENERAL NOTE 6.
- TRUCK WASH DOWN AND STORAGE AREAS

SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: 2-1944
 DATE ACCEPTED: 08-22-05
 ACCEPTANCE EXPIRES: 09-22-07
 PROJECT LANE MILES PUBLIC: N/A
 PROJECT LANE MILES PRIVATE: 60
 CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, AS-BUILT'S 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!

COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM, ORIGINATING FROM SPOKANE COUNTY TBM-MN6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL. = 1986.87 NAVD-88
 TBM-2 TEMPORARY BENCHMARK ESTABLISHED: RAILROAD SPIKE IN UTILITY POLE EL. = 1997.52

Th Ph
 DEVELOPER'S APPROVAL

9/24/05
 DATE

NO.	DATE	BY	REVISIONS
4	09/05	GFR	FINAL PLAN SUBMITTAL FOR APPROVAL
3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:

HORIZONTAL: N.A.

VERTICAL: N.A.

PROJ #: 2004-35

DATE: 07/01/05

DRAWN: GFR

APPROVED: TRW

WCE
 WHIPPLE CONSULTING ENGINEERS
 CIVIL AND TRANSPORTATION ENGINEERING
 13218 E. SPRAGUE AVENUE
 SPOKANE VALLEY, WASHINGTON 99216
 PH: 509-893-2617 FAX: 509-926-0227

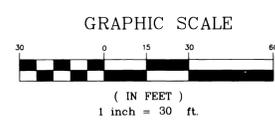
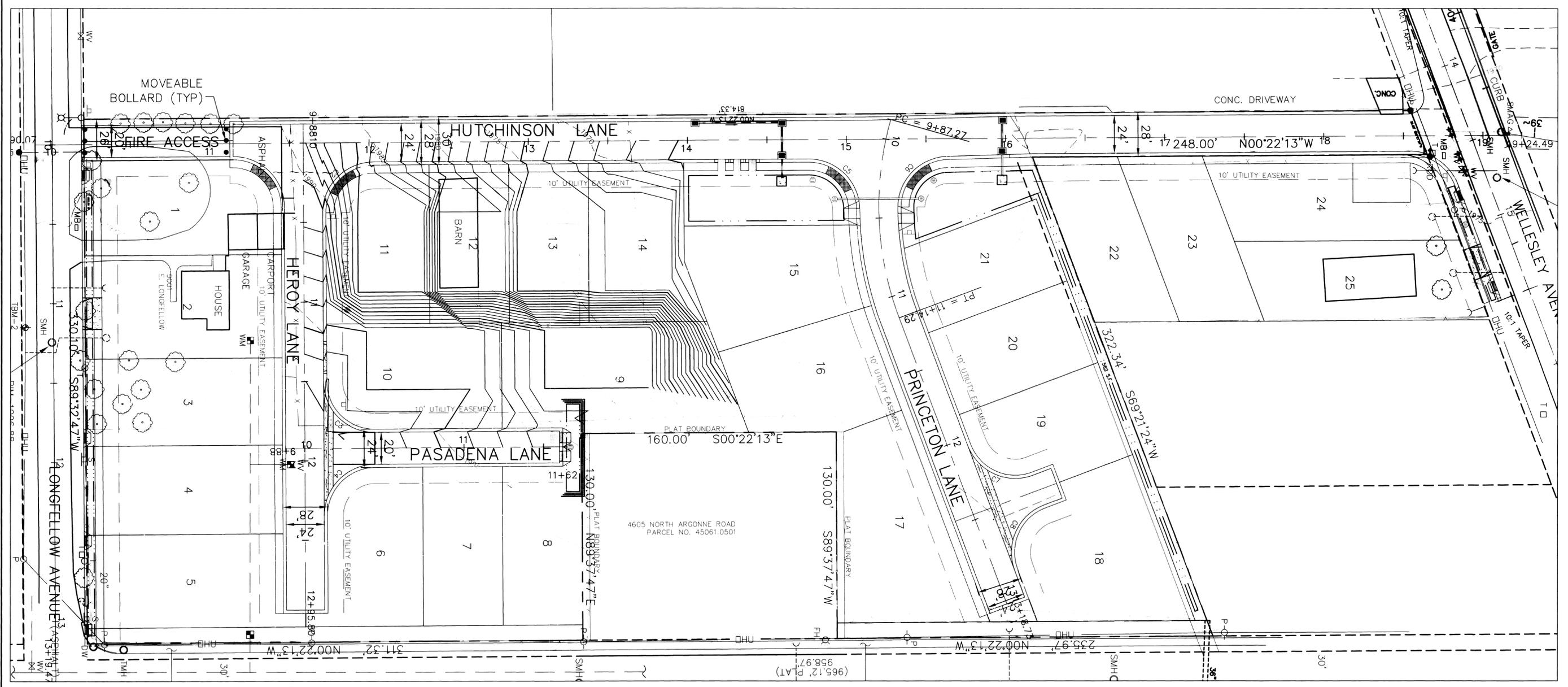
STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
EROSION CONTROL DETAILS
SPOKANE COUNTY, WASHINGTON

SHEET
13 OF 13
 JOB NUMBER
2004-35



P-1944
 Eng Road Drainage

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



SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: P-1944
 DATE ACCEPTED: 07-22-05
 ACCEPTANCE EXPIRES: 07-22-07
 PROJECT LANE MILES PUBLIC: 0.2
 PROJECT LANE MILES PRIVATE: 0.2
 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 10 BUSINESS DAYS PRIOR TO CONSTRUCTION



COUNTY DATUM

TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM. ORIGINATING FROM SPOKANE COUNTY TBM-M6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL = 1986.87 NAVD-88
 TBM-2 TEMPORARY BENCHMARK ESTABLISHED: RAILROAD SPIKE IN UTILITY POLE EL = 1997.52

Tr PL
 DEVELOPER'S APPROVAL

9/2/05
 DATE

NO.	DATE	BY	REVISIONS
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3	09/05	GFR	2ND PLAN SUBMITTAL FOR REVIEW
2	08/05	GFR	1ST PLAN SUBMITTAL FOR REVIEW
1	07/05	GFR	ORIGINAL PLAN PREPARATION

SCALE:
 HORIZONTAL:
 1" = 30'
 VERTICAL:
 N.A.

PROJ #: 2004-35
 DATE: 07/01/05
 DRAWN: GFR
 APPROVED: TRW

IWCE
 WHIPPLE CONSULTING ENGINEERS
 CIVIL AND TRANSPORTATION ENGINEERING
 13218 E. SPRAGUE AVENUE
 SPOKANE VALLEY WASHINGTON 99216
 PH: 509-893-2617 FAX: 509-826-0227

STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
GRADING PLAN
SPOKANE COUNTY, WASHINGTON

SHEET
 1 OF 1
 JOB NUMBER
2004-35

P-1944
Eng Paul Drumm