STREET AND DRAINAGE PLANS

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

RECORD DRAWING

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

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 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.

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 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.

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.

Signature Title Date

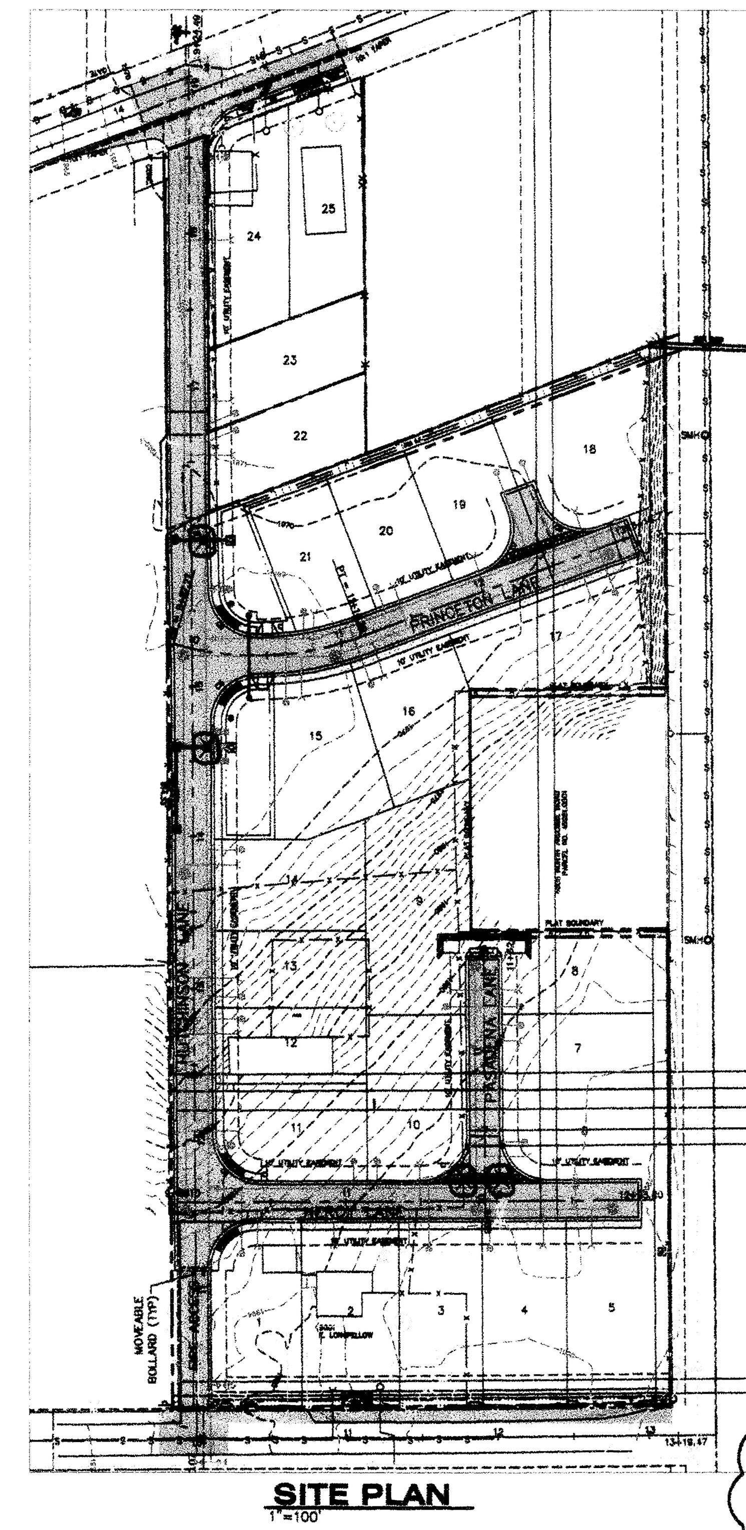
ABBREVIATIONS

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

COUNTY DATUM

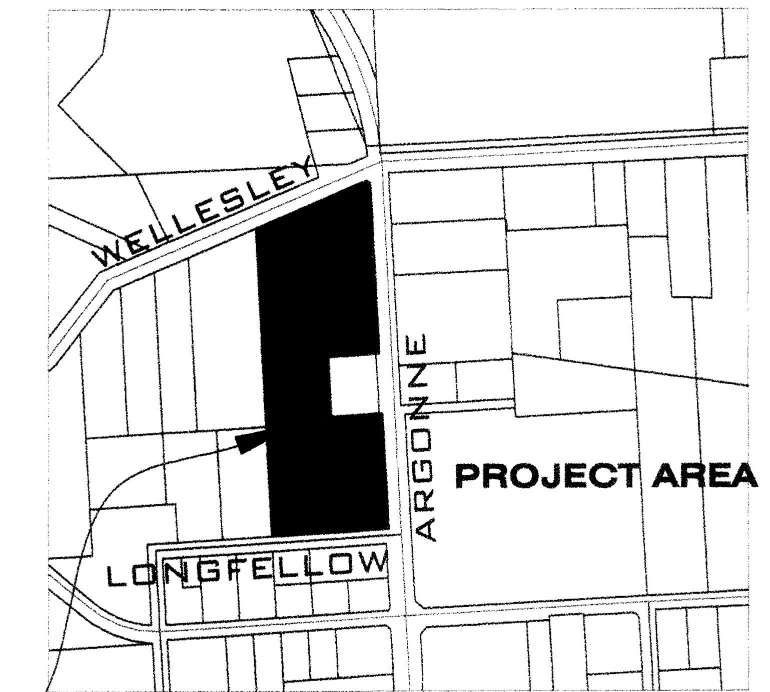
TBM-1 ELEVATIONS SHOWN ARE BASED ON NAVD-88 DATUM. ORIGINATING FROM SPOKANE COUNTY TBM-MN6, BEING A RAILROAD SPIKE IN A UTILITY POLE AT THE SE QUADRANT OF THE INTERSECTION OF MARGUERITE AND LONGFELLOW EL.=1986.87 NAVD-88

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



SITE PLAN
1"=100'

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1944
DATE ACCEPTED: 8.28.06



PROJECT LOCATION

VICINITY MAP
NOT TO SCALE

PAUL T. NELSON — STATE OF WASHINGTON — 37228 REGISTERED PROFESSIONAL ENGINEER — 8-17-06
EXPIRES 11/24/07

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

LEGEND

EXISTING — GENERAL — PROPOSED

GENERAL
ROADWAY CENTER LINE
RIGHT OF WAY LINE
PROPERTY LINE
EASEMENT LINE
FENCE
CURB
PAVEMENT
GRAVEL
CONCRETE
BUILDINGS & STRUCTURES

SANITARY SEWER
SANITARY SEWER
MANHOLE
CLEANOUT
SEWER SERVICE

WATER
WATER LINE
VALVE (V)
FIRE HYDRANT (FH)
SERVICE (WS)
METER (WM)
BLOWOFF
AIR VACUUM RELIEF STATION (AVRS)

STORM DRAINAGE
DRAINAGE LINE
MANHOLE (MH)
DRYWELL (DW)
CATCH BASIN (CB)
DITCH

NATURAL GAS
GAS LINE (G)
VALVE (V)
METER (GM)

TELEPHONE - POWER
BURIED TELEPHONE (BT)
POWER OR TELEPHONE POLE (PP)
BURIED POWER (BP)
TRANSFORMER PAD (TP)
TELEPHONE RISER (TR)
TELEPHONE VAULT (TV)
OVERHEAD POWER (OP / OH)
GUY ANCHOR (GA)
POWER VAULT (PV)
LIGHT POLE (LP)

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

SEWER
SPOKANE COUNTY UTILITIES
1026 WEST BROADWAY AVENUE
SPOKANE, WASHINGTON 99260
PHONE: 509-477-3604
FAX: 509-477-4715
CONTACT: BILLY URHAUSEN

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

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

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

FIRE DEPARTMENT
FIRE DISTRICT NO. 1
EAST 10319 SPRAGUE AVENUE
SPOKANE VALLEY, WA 99206
PHONE: 509-928-1700
FAX: 509-892-4125
CONTACT: KEVIN MILLER

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

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

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

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

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

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

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

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

DEVELOPER'S APPROVAL DATE

NO.	DATE	BY	REVISIONS
	8/11/06		RECORD DRAWING by ALLWEST TESTING AND ENGINEERING
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
COVER SHEET
SPOKANE COUNTY, WASHINGTON

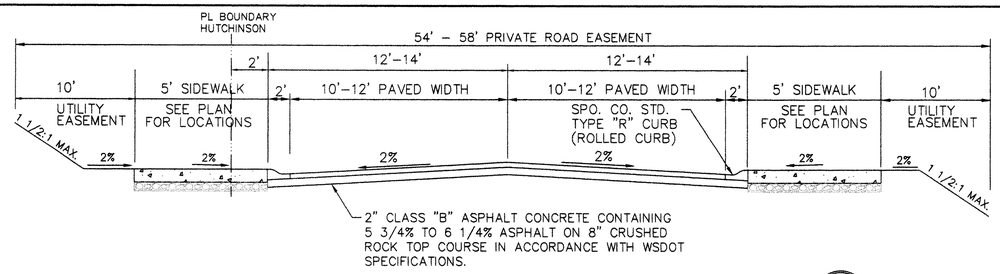
SHEET 1 OF 13
JOB NUMBER 2004-35

P1944 Eng As Builts

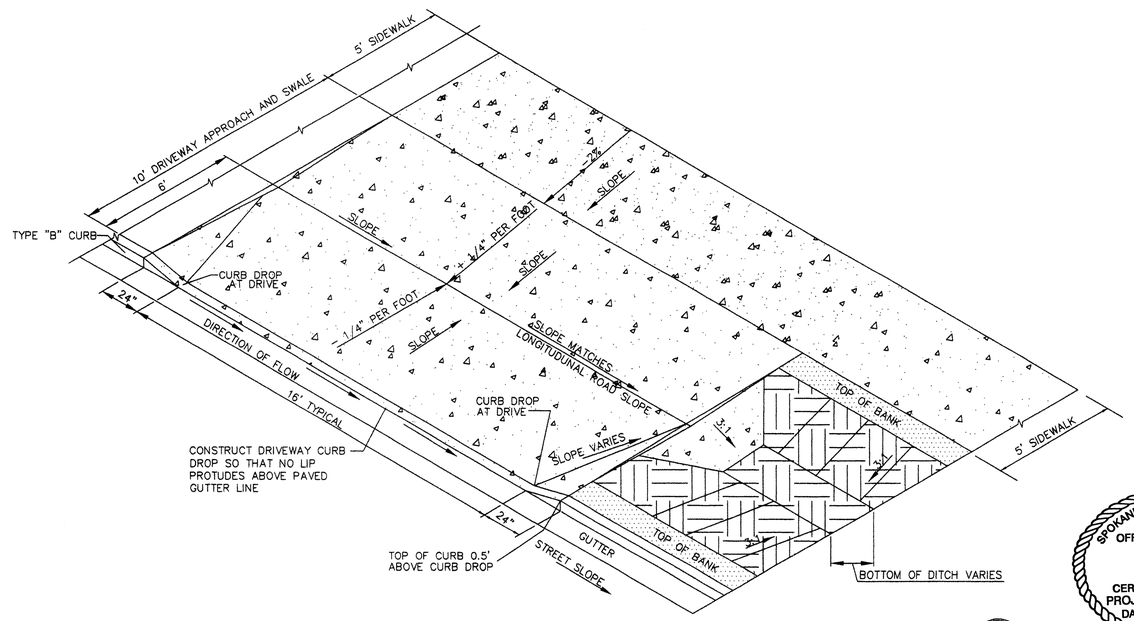
L:\205-142T Prairie Ridge\dwg\asbuilt street final.dwg, COVER, 8/16/2006 10:22:17 AM, 1:1

RECORD DRAWING

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



TYPICAL PRIVATE ROAD SECTION (1 / -)
NOT TO SCALE



DRIVEWAY DETAIL (2 / -)
NOT TO SCALE

STREET GENERAL NOTES

THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT TO CONSTRUCT AND INSTALL TO PROPER WORKING ORDER. ALL IMPROVEMENTS AS DETAILED OR CALLED OUT ON THESE PLANS.

1. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION, CURRENT EDITION", AND AS AMENDED.

2. THE CONTRACTOR IS REQUIRED TO HAVE A VALID CONSTRUCTION PERMIT ON SITE AT ALL TIMES. THE ABSENCE OF THE PERMIT WILL RESULT IN AN IMMEDIATE SHUTDOWN OF WORK AND THE POSSIBLE REMOVAL OF THOSE ITEMS CONSTRUCTED WITHOUT THE PERMIT.

3. LOCATIONS OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

4. THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED ROAD AND DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

5. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER, TODD R WHIPPLE, P.E., @ 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.

6. 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-1a.

7. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.

8. THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL CATCH BASINS AND DRYWELLS FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC UNDER THE LID FOR AT LEAST 6 WEEKS, OR UNTIL THE ESTABLISHMENT OF GRASS AND/OR OTHER SITE CONSTRUCTION WORK HAS ENDED.

IN THE EVENT THAT SILT OR OTHER DELETERIOUS MATERIAL IS ALLOWED TO ENTER THE DRYWELLS OR CATCH BASINS THE CONTRACTOR WILL BE REQUIRED TO CLEAN OUT THE DRYWELL OR CATCH BASIN TO THE SATISFACTION OF THE CERTIFYING ENGINEER.

9. THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO VERIFY THAT THE CROSS-GUTTER FORMS ARE THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT. THE CROSS-GUTTERS SHALL BE CONSTRUCTED PRIOR TO PAVING, AND THE PAVEMENT SHALL THEN MATCH THE EDGE OF CONCRETE GUTTER.

10. ALL DRYWELL CONNECTION PIPES SHALL BE PLACED BELOW THE DRYWELL CONE AND SHALL FLOW AS DIRECTED IN THE PLANS.

11. 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 ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1944
DATE ACCEPTED: 8/28/06

PAUL T. NELSON
STATE OF WASHINGTON
37326
REGISTERED
PROFESSIONAL ENGINEER
8-17-06
EXPIRES 11/24/07

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

STORM DRAINAGE NOTES

1. SEE STREET PLAN AND PROFILE SHEETS FOR DRYWELL AND CATCH BASIN TYPES AND LOCATIONS.

2. PONDS SHALL BE CONSTRUCTED PER THE REQUIREMENTS OF THESE DRAWINGS INCLUDING GRADING, SOD, AND DRYWELL INSTALLATION. ALL PONDS WITHIN TRACTS SHALL INCLUDE AN IRRIGATION SYSTEM. ALL IRRIGATION SHALL CONFORM TO SPOKANE COUNTY POND IRRIGATION SYSTEM GUIDELINES.

3. ALL "208" PONDS SHOWN SHALL BE ROUGH GRADED PRIOR TO PAVING OF ADJACENT ROADWAY.

4. CONTRACTOR SHALL PROVIDE SPOKANE COUNTY WITH AS-BUILT IRRIGATION PLANS UPON COMPLETION OF ALL POND CONSTRUCTION.

5. INSTALL "AMOCO" #4545 FILTER FABRIC (OR APPROVED EQUAL) IN ALL DRYWELLS. SEE SPOKANE COUNTY STANDARDS (1999 EDITION) SHEET B-1a FOR INSTALLATION LOCATIONS.

6. ALL PONDS WITHIN THE COUNTY RIGHT-OF-WAY, IN THE AREA ASSOCIATED WITH THIS PROJECT, SHALL BE COMPLETED DURING THE CONSTRUCTION OF THE ROADWAY. THE CONTRACTOR SHALL PERFORM THE POND GRADE WORK, INSTALL THE IRRIGATION SYSTEM, AND PLACE THE SOD WITHIN THE PONDS FOLLOWING THE ROAD PAVING WORK.

7. THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL DRAINAGE STRUCTURES FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC UNDER THE LID FOR AT LEAST 6 WEEKS, OR UNTIL THE ESTABLISHMENT OF GRASS AND/OR OTHER SITE CONSTRUCTION WORK HAS ENDED. IN THE EVENT THAT SILT OR OTHER DELETERIOUS MATERIAL IS ALLOWED TO ENTER THE DRYWELLS OR CATCH BASINS, THE CONTRACTOR WILL BE REQUIRED TO CLEAN THE DRYWELL OR CATCH BASIN OUT TO THE SATISFACTION OF THE CERTIFYING ENGINEER.

8. ALL LANDSCAPE AREAS ('208' PONDS) ARE TO BE IRRIGATED BY AN 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.

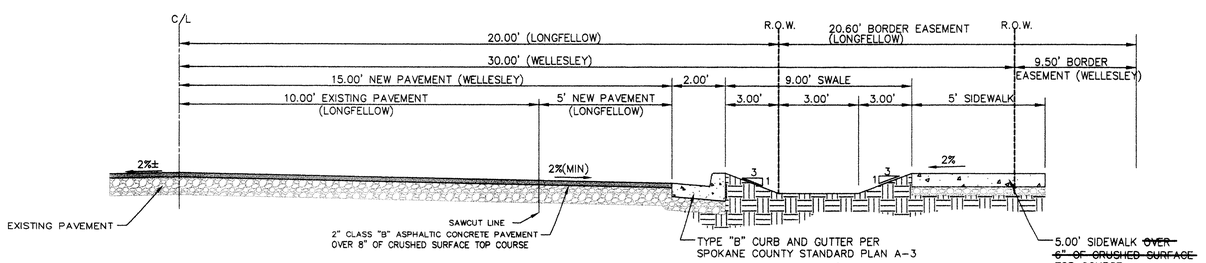
SLEEVING: PROVIDE SLEEVING AS REQUIRED UNDER SIDEWALKS, PATHS, CURBING, PAVING, ETC. AS NEEDED FOR IRRIGATION ACCESS. ALL SLEEVING TO BE 4" PVC. WITH AT LEAST 12" OF COVER (1) FOOT BELOW FINISH GRADE. THE OWNER/GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING SLEEVING BEFORE CURBING, SIDEWALKS, PAVING, 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).

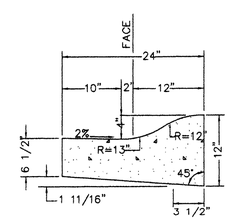
ADJUSTMENT: AFTER INSTALLATION, ADJUST VALVES, HEADS, EMITTERS, ETC. TO PROVIDE UNIFORM COVERAGE AND TO MINIMIZE OVER SPRAY ON WALLS, FENCES, WALKS, DRIVES, ETC.

WATER POWER SUPPLY: THE OWNER/ GENERAL CONTRACTOR IS TO SUPPLY WATER TAPS FOR HOOK-UP AND SUPPLY POWER FOR CONTROLLER.

9. THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, AND THE SIDESLOPES OF THE SWALE UP TO THE GPA OVERFLOW ELEVATION OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA SWALE SHALL BE A MEDIUM TO WELL-DRAINING MATERIAL, WITH A MINIMUM INFILTRATION RATE OF 0.5 INCHES PER HOUR. THE ENGINEER SHALL PROVIDE A WRITTEN STATEMENT WHICH VERIFIES THAT ALL GPA SWALES CONFORM TO THIS REQUIREMENT. THIS WRITTEN STATEMENT SHALL BE SUBMITTED TO THE SPOKANE COUNTY ENGINEER'S OFFICE PRIOR TO INSTALLING FINISHED LANDSCAPING/SOD AND PRIOR TO FINAL ACCEPTANCE. THE SWALE FLOOR MATERIAL SHALL BE INSTALLED TO A NATIVE SOIL STRATUM WHICH ALSO MEETS OR EXCEEDS THIS MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR.



ROADWAY SECTION FOR LONGFELLOW ROAD AND WELLESLEY AVENUE (A / -)
NOT TO SCALE



TYPE "R" CURB (3 / -)
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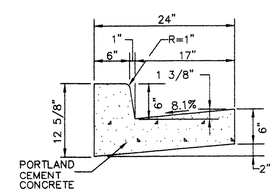


TYPE "B" CURB DETAIL (4 / -)
NOT TO SCALE

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

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

DEVELOPER'S APPROVAL — DATE

NO.	DATE	BY	REVISIONS
	8/11/06		RECORD DRAWING by ALLWEST TESTING AND ENGINEERING
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

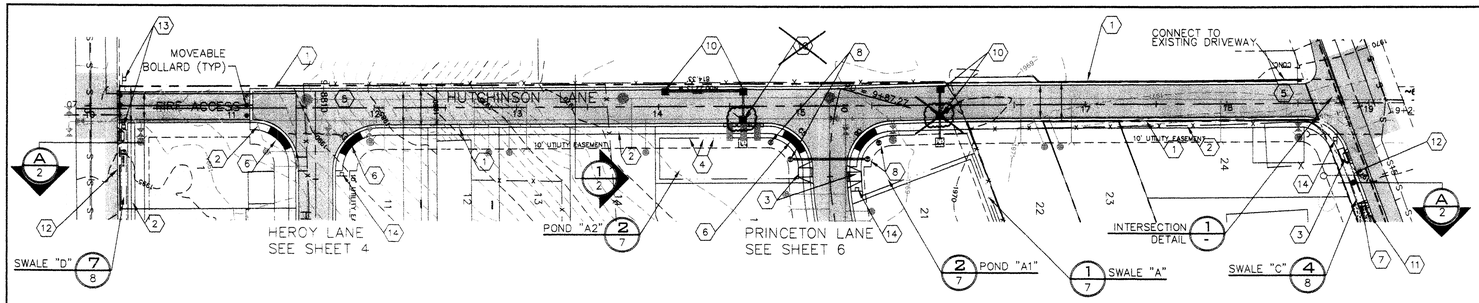
WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
13218 E. SPRAGUE AVENUE
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

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

SHEET 2 OF 13
JOB NUMBER 2004-35

P-1944 Eng As Builts

L:\205-142T Prairie Ridge\dwg\asbuilt street final.dwg, DETAILS, 8/16/2006 10:22:25 AM, 1:1

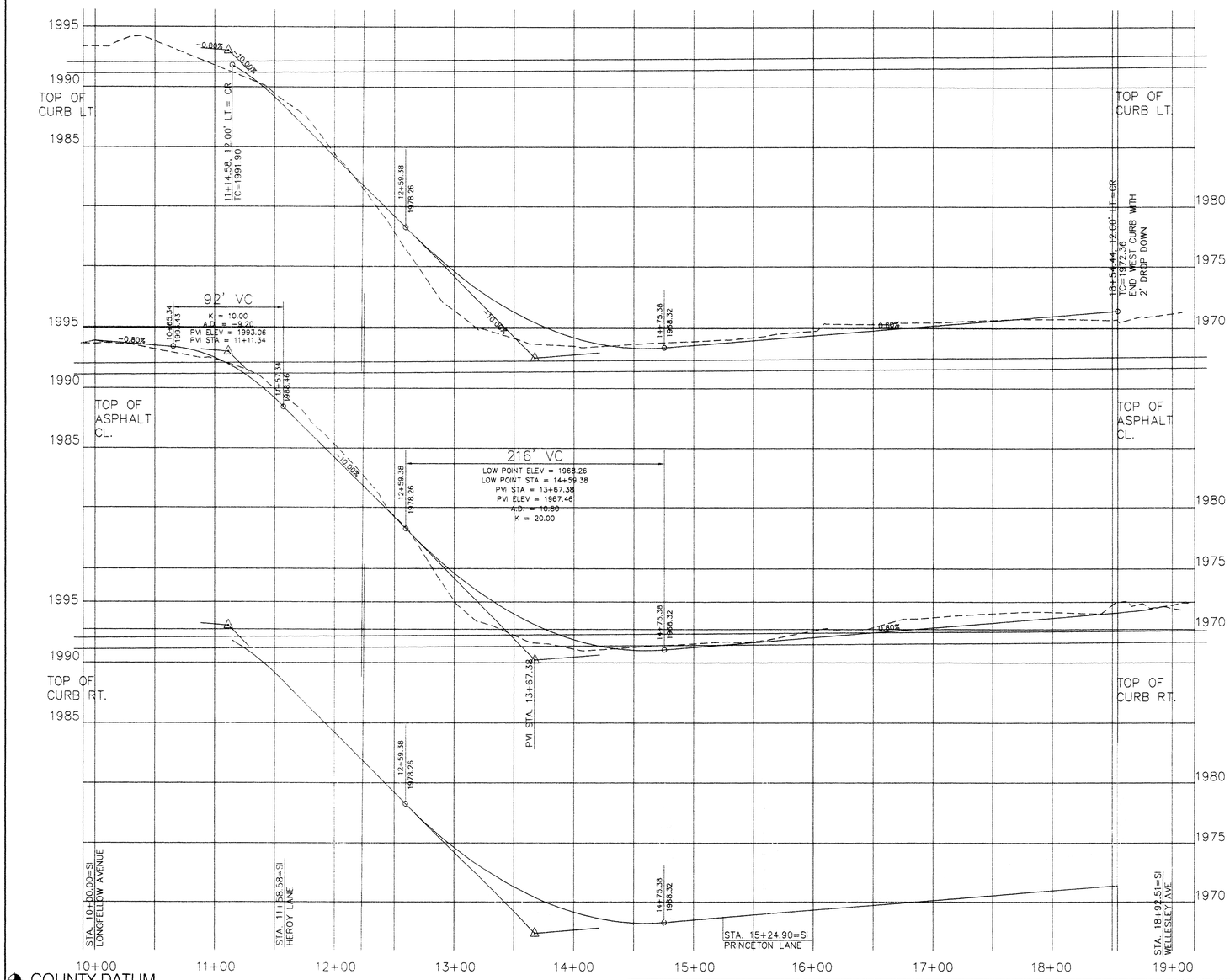


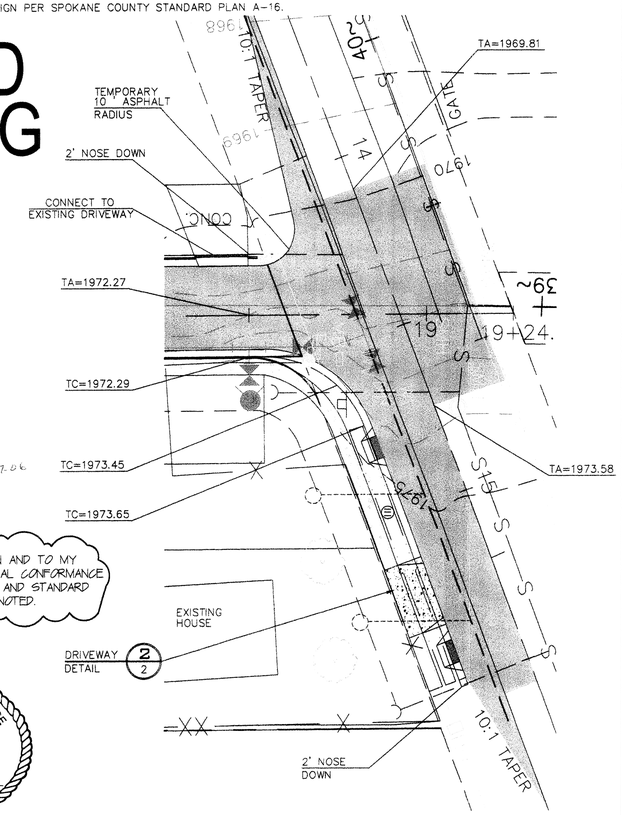
CONSTRUCTION NOTES

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

RECORD DRAWING





INTERSECTION DETAIL 1/-
SCALE: 1" = 20'

PAUL T. NELSON STATE OF WASHINGTON 37228 REGISTERED PROFESSIONAL ENGINEER
EXPIRES 11/24/07

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

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT # E1241
DATE ACCEPTED: 8/28/06

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"

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

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

DEVELOPER'S APPROVAL DATE

NO.	DATE	BY	REVISIONS
	8/11/06		RECORD DRAWING by ALLWEST TESTING AND ENGINEERING
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
HUTCHINSON LANE STA 9+90.07 TO 19+24.49
SPOKANE COUNTY, WASHINGTON

SHEET 3 OF 13
JOB NUMBER 2004-35

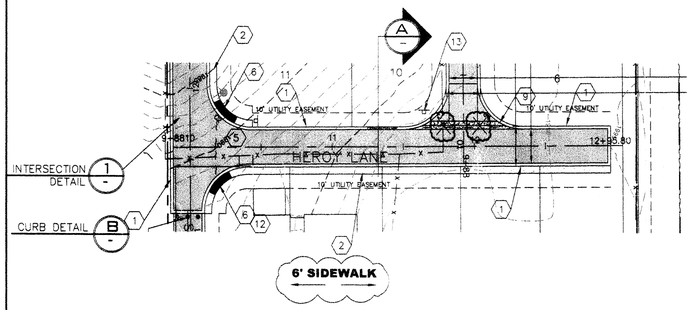
P-1944 Eng As-Builts

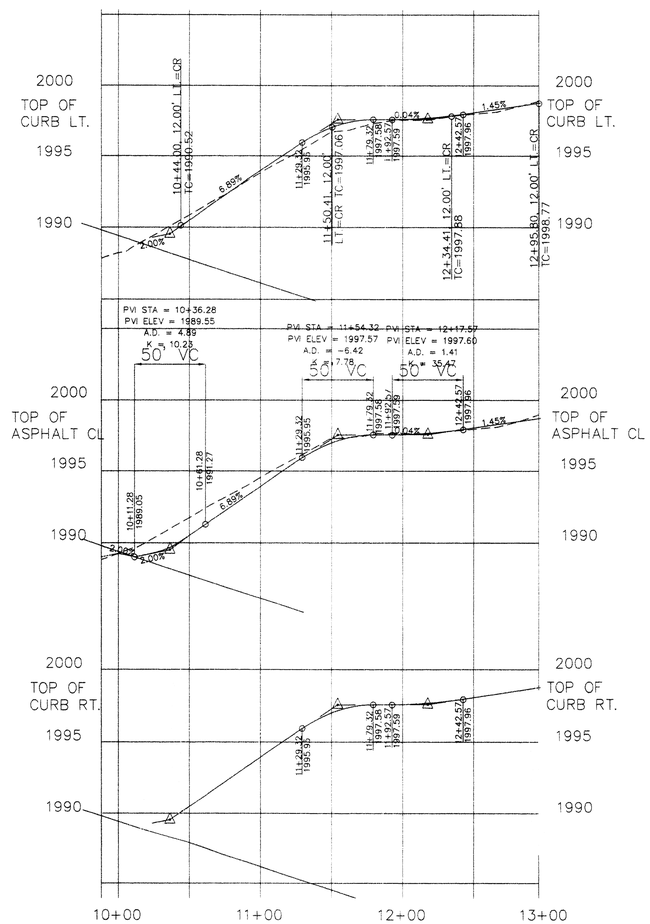
CONSTRUCTION NOTES

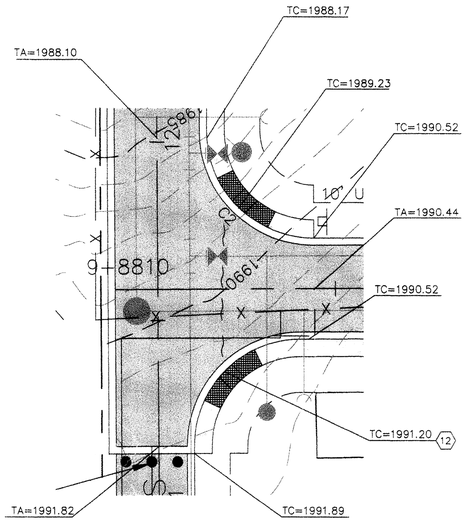
1. PROVIDE AND INSTALL "R" TYPE CURB PER DETAIL 1 THIS SHEET.
2. PROVIDE AND INSTALL CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
3. NOT USED.
4. NOT USED.
5. PROVIDE AND INSTALL 2" OF ASPHALTIC CONCRETE PAVEMENT OVER ~~6"~~ 8" OF CRUSHED SURFACE TOP COURSE.
6. PROVIDE AND INSTALL CURB RAMP DESIGN "A" PER SPOKANE COUNTY STANDARD PLAN A-5.
7. NOT USED.
8. ~~NOT USED.~~ **CROSS GUTTER DELETED**
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

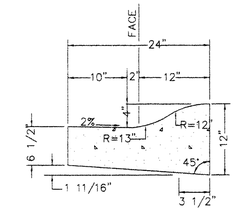
RECORD DRAWING







INTERSECTION DETAIL 1
SCALE: 1" = 20'

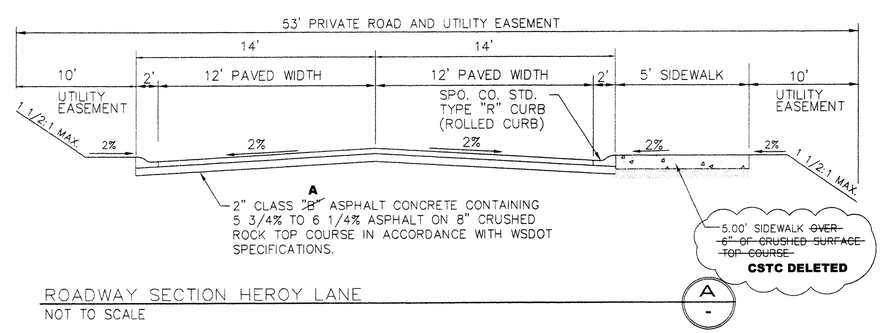


TYPE "R" CURB B
NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
AS BUILTS
PROJECT NO. 8-1911
DATE ACCEPTED: 8-28-06

PAUL T. NELSON
STATE OF WASHINGTON
37228
REGISTERED
PROFESSIONAL ENGINEER
8-17-06
EXPIRES 11/24/07

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



ROADWAY SECTION HEROY LANE A
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"

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

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

DEVELOPER'S APPROVAL

DATE

NO.	DATE	BY	REVISIONS
	8/11/06		RECORD DRAWING by ALLWEST TESTING AND ENGINEERING
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.

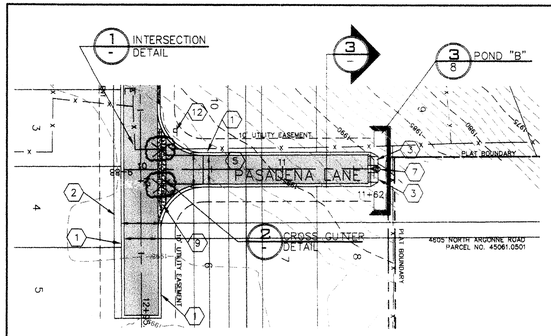
PROJ #: 2004-35
DATE: 07/01/05
DRAWN: GFR
APPROVED: TRW

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

SHEET 4 OF 13
JOB NUMBER 2004-35

P-1944 Eng As Built



CONSTRUCTION NOTES

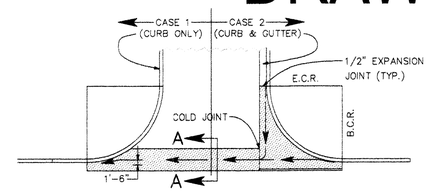
1. PROVIDE AND INSTALL "R" TYPE CURB PER DETAIL 1 THIS SHEET.
2. PROVIDE AND INSTALL CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
3. PROVIDE AND INSTALL CURB INLET TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL "5" SHEET 9.
4. NOT USED.
5. PROVIDE AND INSTALL 2" OF ASPHALTIC CONCRETE PAVEMENT OVER ~~6"~~ 8" OF CRUSHED SURFACE TOP COURSE.
6. NOT USED.
7. PROVIDE AND INSTALL TYPE "A" DRYWELL PER SPOKANE COUNTY STANDARD PLAN B-1c AND SEE SWALE DETAILS SHEET 7 AND 8.
8. NOT USED.

CROSS GUTTER DELETED

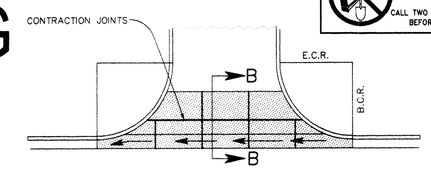
9. PROVIDE AND INSTALL CROSS GUTTER TYPE 1 PER SPOKANE COUNTY STANDARD PLAN B-18. SEE DETAILS THIS SHEET.
10. NOT USED.
11. NOT USED.
12. PROVIDE AND INSTALL STREET NAME SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.

RECORD DRAWING

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



CROSS GUTTER TYPE 1



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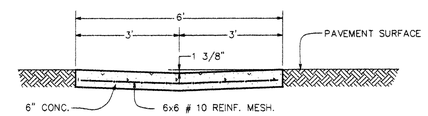
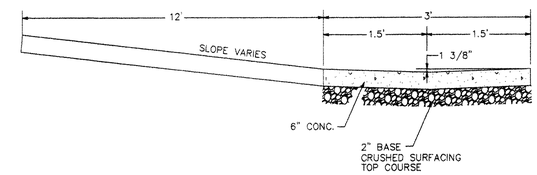


SECTION A-A

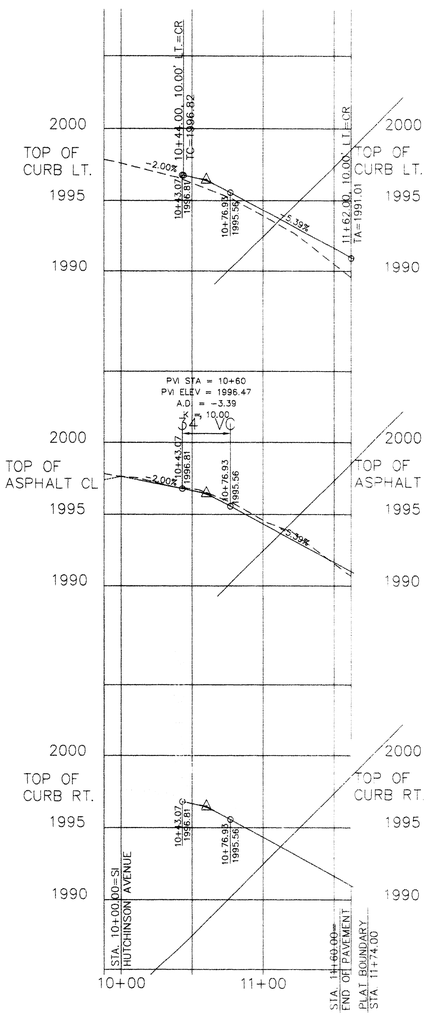


SECTION B-B

SPOKANE COUNTY STANDARD PLAN B-18

NOT TO SCALE

2 -



CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	DELTA ANGLE
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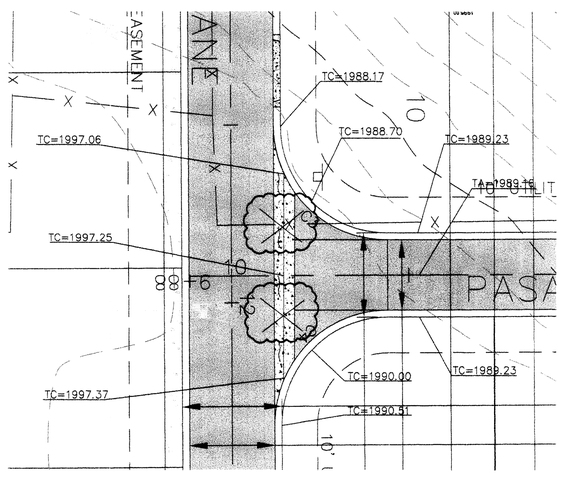
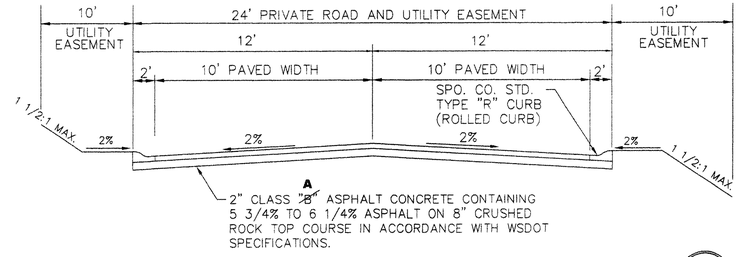
C4	50.25	32.00	45.25	89°58'38"



INTERSECTION DETAIL

SCALE: 1" = 20'

1 -



PASADENA LANE ROAD SECTION

NOT TO SCALE

3 -

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: 5-2-4
DATE ACCEPTED: 5/23/06

PAUL T. NELSON
STATE OF WASHINGTON
13228
REGISTERED
PROFESSIONAL ENGINEER
5-17-06
EXPIRES 11/24/07

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

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

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

DEVELOPER'S APPROVAL DATE

NO.	DATE	BY	REVISIONS
	8/11/05		RECORD DRAWING by ALLWEST TESTING AND ENGINEERING
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
PASADENA LANE STA 9+88.00 TO 11+62.00
SPOKANE COUNTY, WASHINGTON

SHEET 5 OF 13

JOB NUMBER 2004-35

P-19444 Eng+As Built

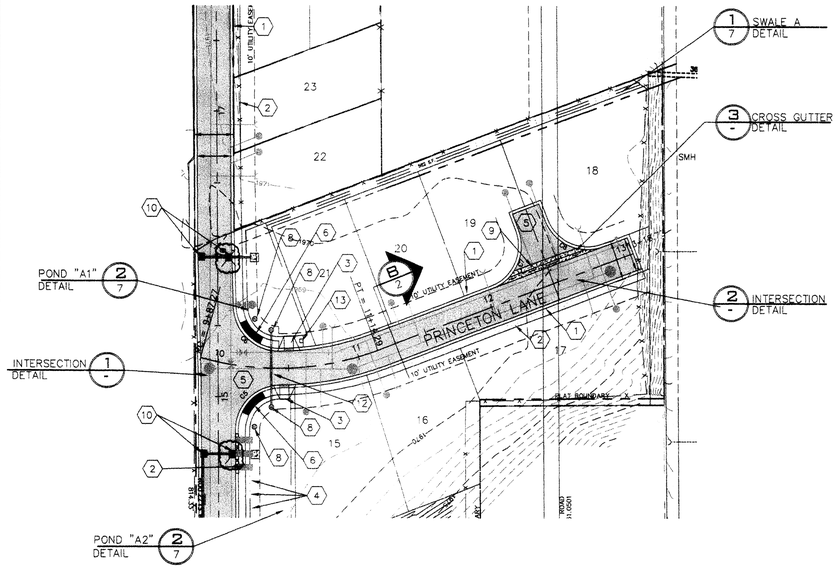
RECORD DRAWING

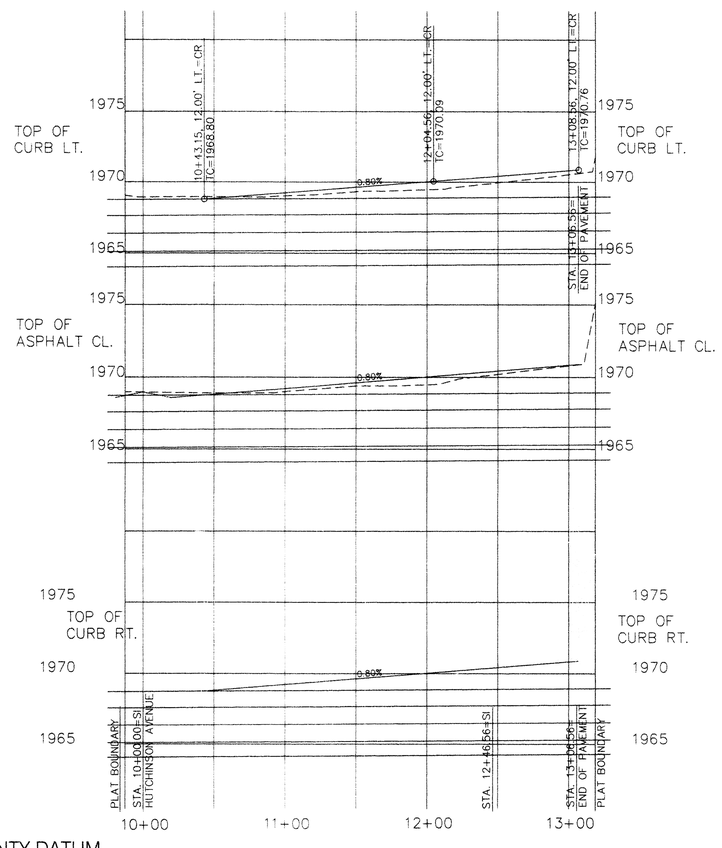
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456·8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

CONSTRUCTION NOTES

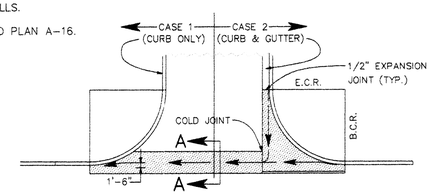
1. PROVIDE AND INSTALL "R" TYPE CURB PER DETAIL 1 THIS SHEET.
2. PROVIDE AND INSTALL CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
3. PROVIDE AND INSTALL CURB INLET TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL "5" SHEET 9.
4. PROVIDE AND INSTALL CURB INLET TYPE "2" PER SPOKANE 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.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #:
DATE ACCEPTED: 9 6 06

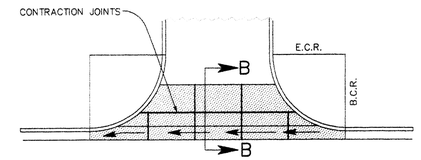




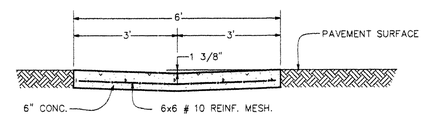
CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	DELTA ANGLE
C5	50.16	32.00	45.18	89°48'26"
C6	49.51	32.00	44.72	88°38'31"
C7	50.27	32.00	45.25	90°00'00"
C8	50.27	32.00	45.25	90°00'00"



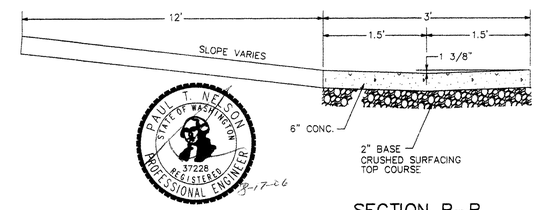
CROSS GUTTER TYPE 1



CROSS GUTTER TYPE 2



SECTION A-A



SECTION B-B

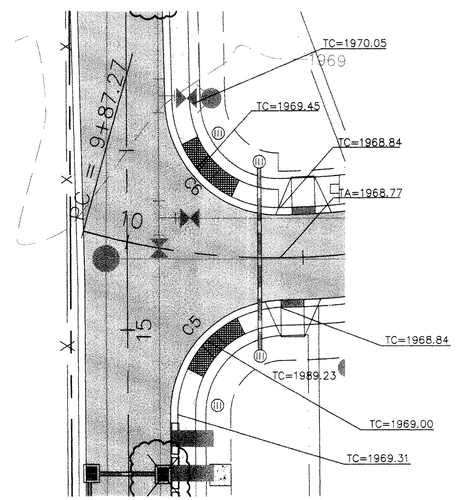
PAUL T. NELSON
STATE OF WASHINGTON
37228
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES 11/24/07

SPOKANE COUNTY STANDARD PLAN B-18

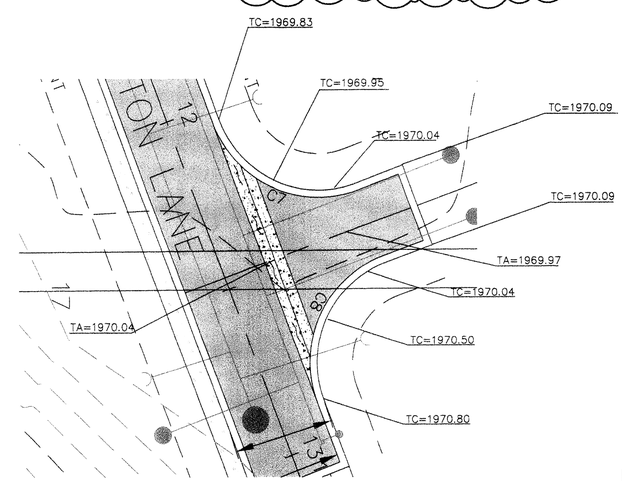
NOT TO SCALE

3 -

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



INTERSECTION DETAIL 1 -
SCALE: 1" = 20'



INTERSECTION DETAIL 2 -
SCALE: 1" = 20'

TODD R. W. HYPLE
STATE OF WASHINGTON
25462
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES 9/24/

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

DEVELOPER'S APPROVAL

DATE

NO.	DATE	BY	REVISIONS
	8/11/06		RECORD DRAWING by ALLWEST TESTING AND ENGINEERING
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
PRINCETON LANE STA 9+87.27 TO 13+18.73
SPOKANE COUNTY, WASHINGTON

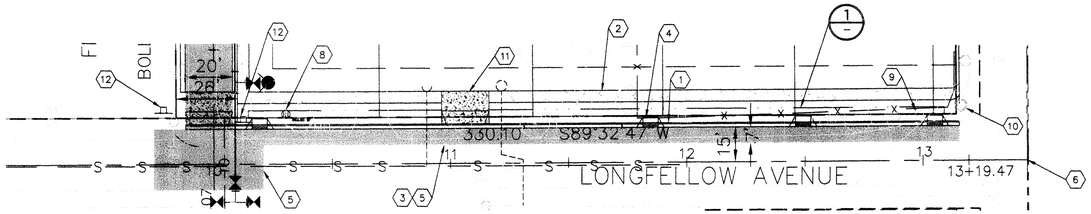
SHEET 6 OF 13

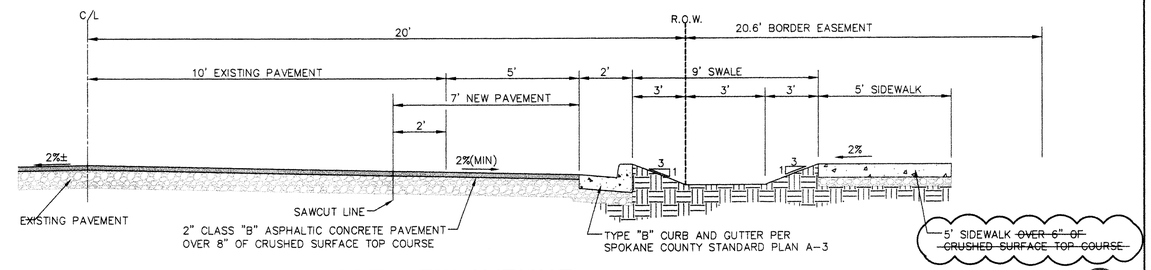
JOB NUMBER 2004-35

P-1944 Eng As Built

RECORD DRAWING

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

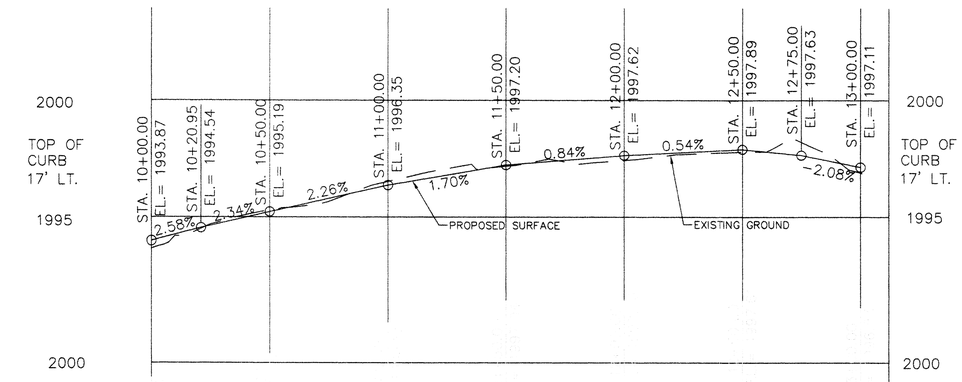


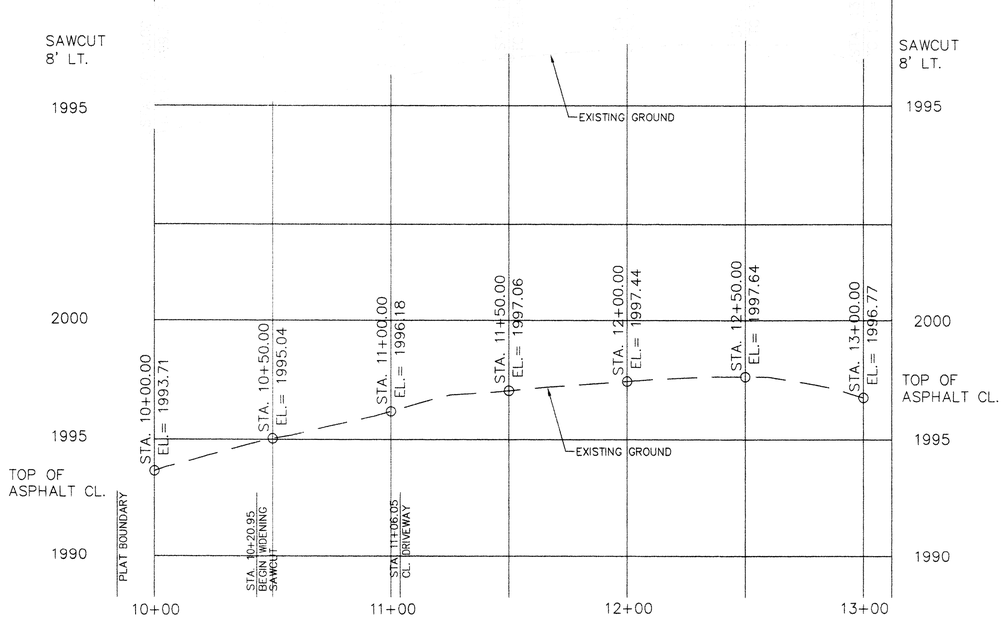


ROADWAY SECTION FOR LONGFELLOW AVENUE

NOT TO SCALE

A





CONSTRUCTION NOTES

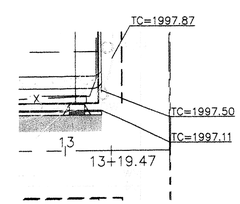
1. PROVIDE AND INSTALL "B" TYPE CURB PER DETAIL 4, SHEET 2.
2. PROVIDE AND INSTALL CEMENT CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
3. SAWCUT AND TACK COAT. SEE SECTION 2 SHEET 2.
4. PROVIDE AND INSTALL CURB INLET TYPE "1" PER SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL "5" SHEET 11.
5. PROVIDE AND INSTALL 2" OF ASPHALTIC CONCRETE PAVEMENT OVER 8" OF CRUSHED SURFACE TOP COURSE.
6. SEE INTERSECTION DETAIL 1 THIS SHEET.
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.

DRYWELL LOCATED IN SIDEWALK ON ARGONNE, NO ADJUSTMENT NECESSARY

PAUL T. NELSON
STATE OF WASHINGTON
37228
REGISTERED
PROFESSIONAL ENGINEER
8-17-06
EXPIRES 11/24/07

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

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: 2-1944
DATE ACCEPTED: 8/28/06



INTERSECTION DETAIL 1

SCALE: 1"=20'

N

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch = 30 ft.

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

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

DEVELOPER'S APPROVAL DATE

NO.	DATE	BY	REVISIONS
	8/11/06		RECORD DRAWING
			by ALLWEST TESTING AND ENGINEERING
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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: 509-926-0227

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

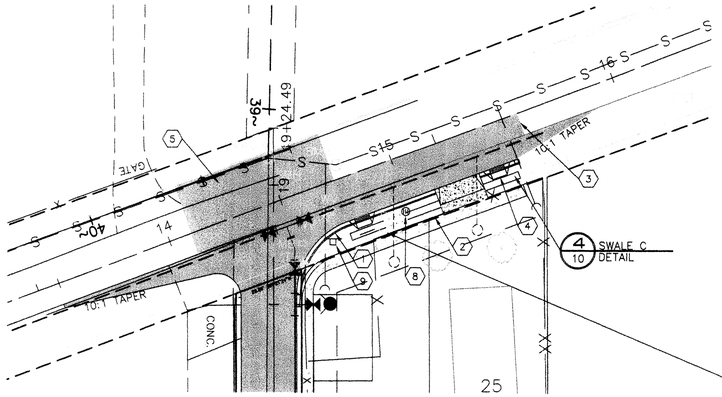
SHEET 7 OF 13

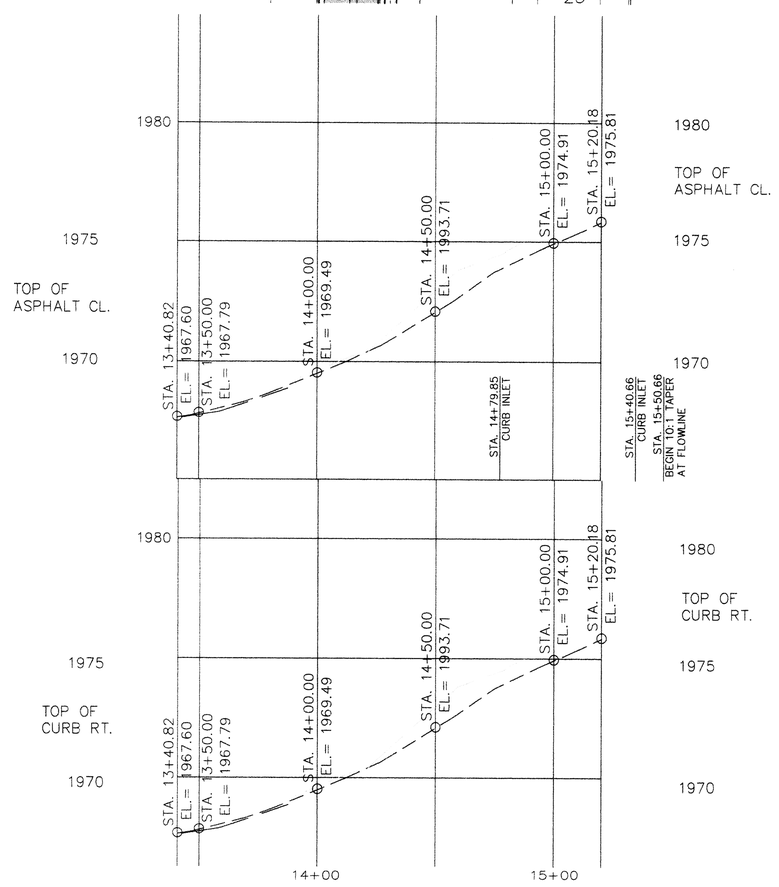
JOB NUMBER 2004-35

P-1944 Engr's Bullet

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

RECORD DRAWING





PAUL T. NELSON
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37228
REGISTERED PROFESSIONAL ENGINEER
8-17-06
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SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P 1944
DATE ACCEPTED: 8/28/06

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. PROVIDE AND INSTALL STREET NAME SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.

N

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch = 30 ft.

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

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

DEVELOPER'S APPROVAL DATE

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			by ALLWEST TESTING AND ENGINEERING
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1	07/05	GFR	ORIGINAL PLAN PREPARATION

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

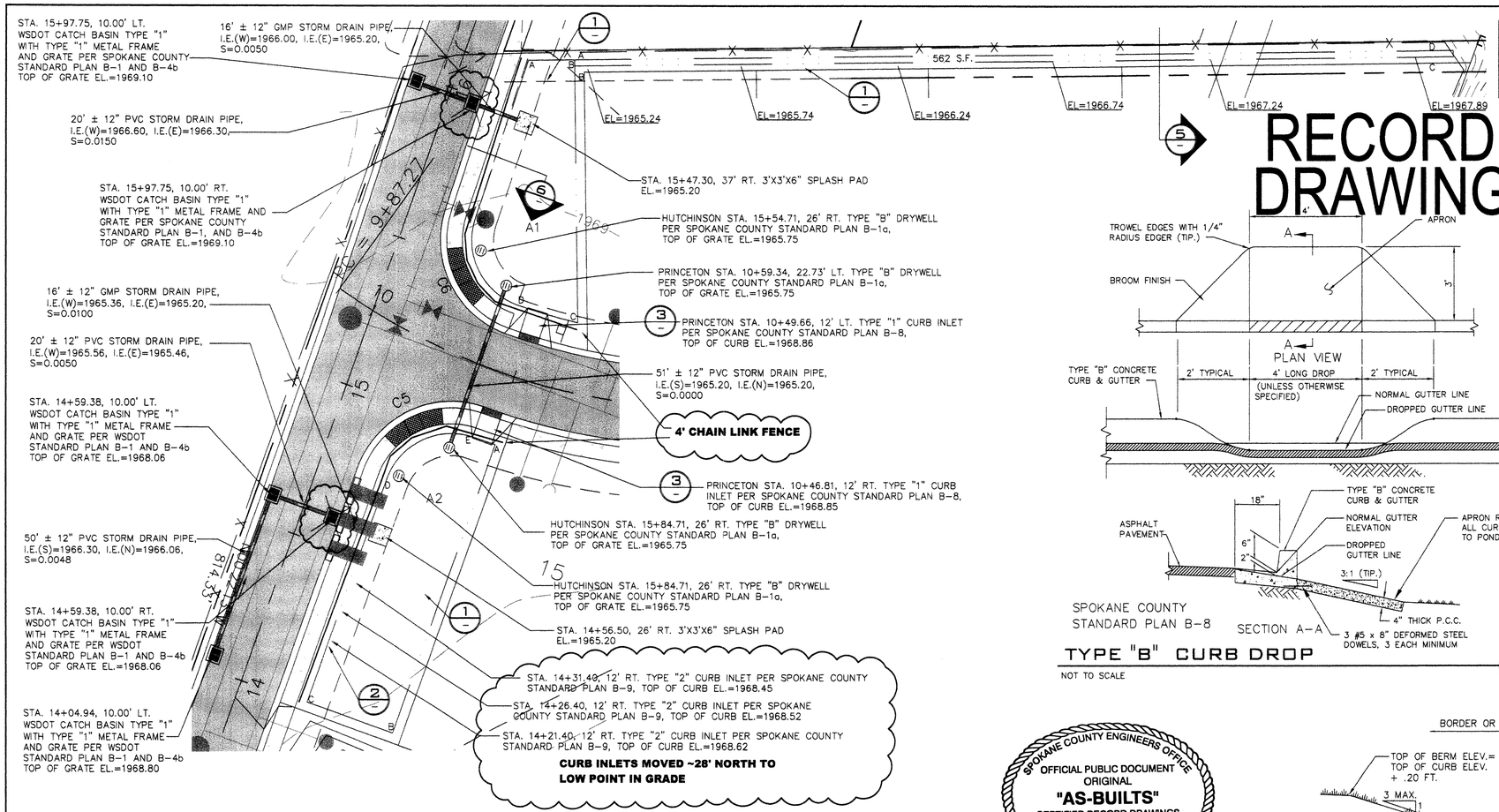
PROJ #: 2004-35
DATE: 07/01/05
DRAWN: GFR
APPROVED: TRW

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

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

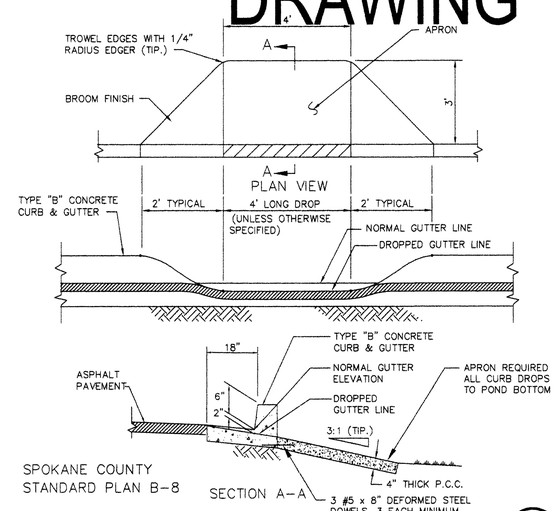
P1944 Eng As Built



RECORD DRAWING

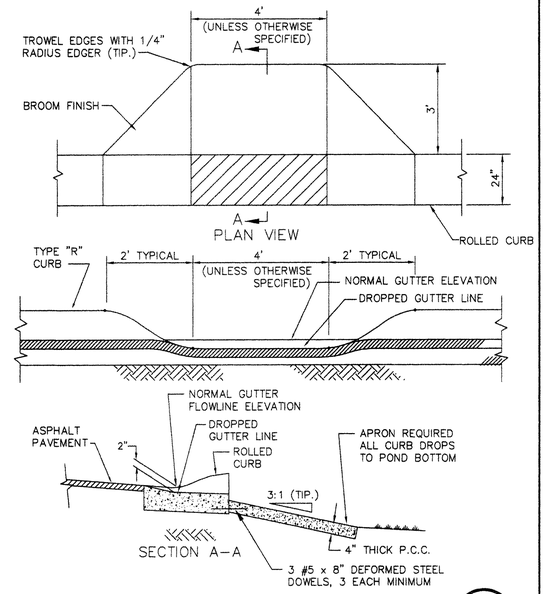
CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	DELTA ANGLE
C5	50.16	32.00	45.18	89°48'26"
C6	49.51	32.00	44.72	88°38'31"

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



TYPE "B" CURB DROP (4)

NOT TO SCALE



TYPE "R" CURB DROP (3)

NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-1944
DATE ACCEPTED: 8/26/04

POND A1 BOTTOM LOCATION TABLE STATION & OFFSET			
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'
A			

POND A2 BOTTOM LOCATION TABLE STATION & OFFSET			
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'
A			

SWALE "A" BOTTOM LOCATION STATION & OFFSET		
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.

TOTAL BASIN A VOLUME PROVIDED = 3355 CF

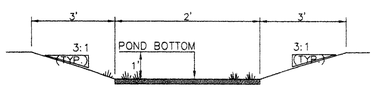
POND "A1"
FINISHED GRADE POND BOTTOM EL.=1965.20
POND BOTTOM AREA PROVIDED=2090 S.F.
POND VOLUME @ 8" DEPTH = 1307 CF

POND "A2"
FINISHED GRADE POND BOTTOM EL.=1965.20
POND BOTTOM AREA PROVIDED=2726 S.F.
POND VOLUME @ 8" DEPTH = 1767 CF

SWALE "A"
FINISHED GRADE POND BOTTOM EL. VARIES;
SLOPE = 0100 FT/FT INTO POND A
POND BOTTOM AREA PROVIDED=562 S.F.
SWALE VOLUME @ 6" DEPTH = 281 CF

POND "A1" AND "A2" AND SWALE "A" DETAIL (1)

SCALE: 1" = 10'



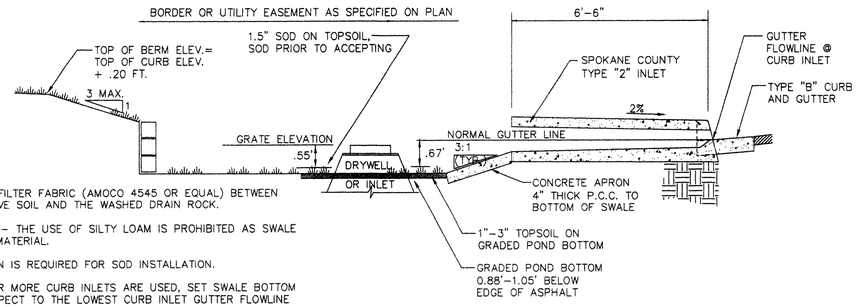
SWALE "A" DETAIL (5)

NOT TO SCALE

PAUL T. NELSON STATE OF WASHINGTON 37226 REGISTERED PROFESSIONAL ENGINEER
8-17-06
EXPIRES 11/24/07

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

BORDER OR UTILITY EASEMENT AS SPECIFIED ON PLAN

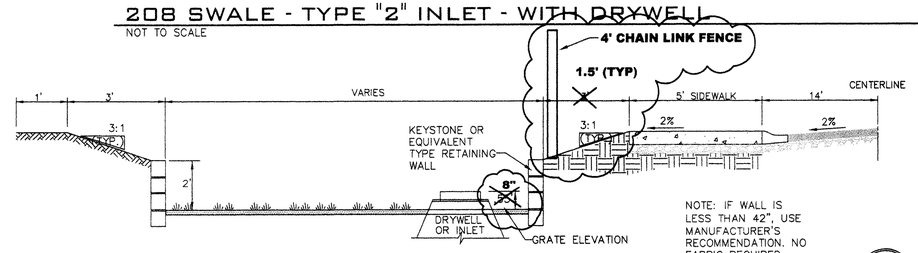


NOTE:

1. PROVIDE FILTER FABRIC (AMOCO 4545 OR EQUAL) BETWEEN THE NATIVE SOIL AND THE WASHED DRAIN ROCK.
2. WARNING – THE USE OF SILTY LOAM IS PROHIBITED AS SWALE BOTTOM MATERIAL.
3. IRRIGATION IS REQUIRED FOR SOD INSTALLATION.
4. IF TWO OR MORE CURB INLETS ARE USED, SET SWALE BOTTOM WITH RESPECT TO THE LOWEST CURB INLET GUTTER FLOWLINE ELEVATION.
5. HYDRO-SEED NON-SODDED AREAS WITH TURF GRASS MIX.

208 SWALE - TYPE "2" INLET - WITH DRYWELL (2)

NOT TO SCALE



NOTE: IF WALL IS LESS THAN 42", USE MANUFACTURER'S RECOMMENDATION. NO FABRIC REQUIRED.

POND "A1" AND "A2" CROSS-SECTION DETAIL (6)

NOT TO SCALE

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

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

DEVELOPER'S APPROVAL DATE

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

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

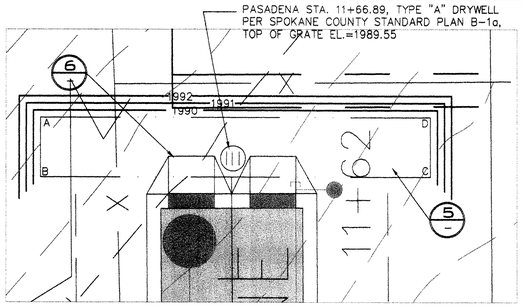
PROJ #: 2004-35
DATE: 07/01/05
DRAWN: GFR
APPROVED: TRW

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
SWALE PLAN
SPOKANE COUNTY, WASHINGTON

SHEET 9 OF 13
JOB NUMBER 2004-35

P-1944 Eng As Built



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

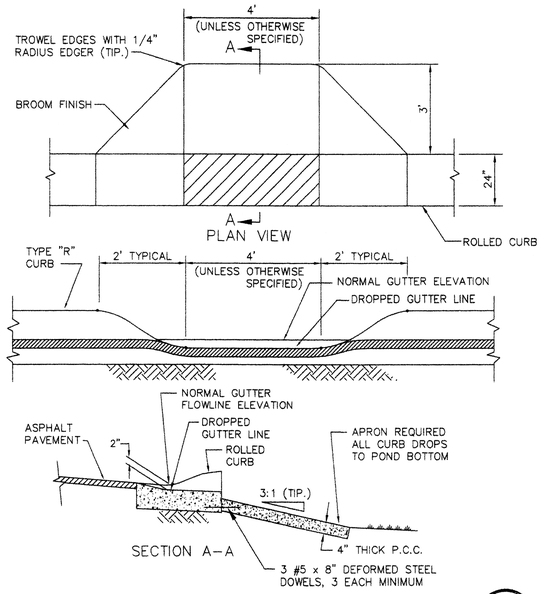
POND "B"

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

POND VOLUME @ 6" = 225 CF

POND "B" DETAIL (3/-)

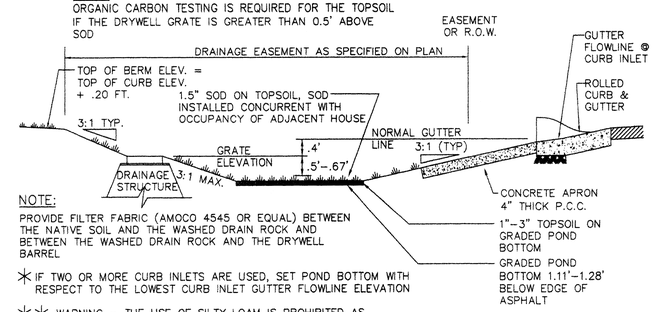
SCALE: 1" = 10'



TYPE "R" CURB DROP (6/-)

NOT TO SCALE

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



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 BARREL

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

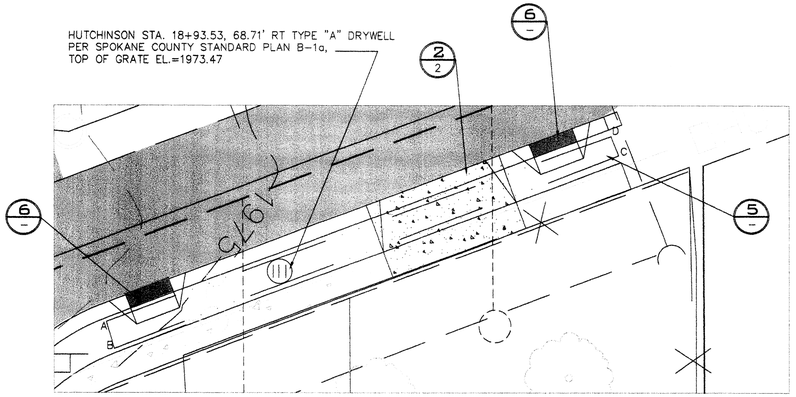
** WARNING – THE USE OF SILTY LOAM IS PROHIBITED AS POND BOTTOM MATERIAL

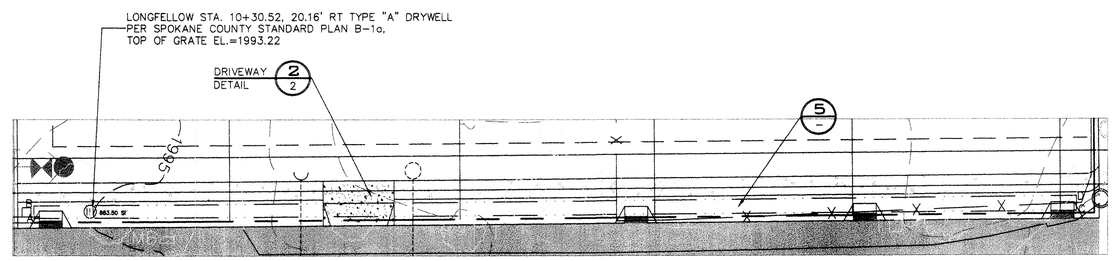
TYPICAL "208" POND WITH DRAINAGE STRUCTURE (R CURB) (5/-)

NOT TO SCALE

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

RECORD DRAWING





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

SWALE "C"

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

SWALE VOLUME @ 6" DEPTH = 114 CF

SWALE "C" DETAIL (4/-)

SCALE: 1" = 10'

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

SWALE "D"

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

SWALE VOLUME @ 6" DEPTH = 395 CF

SWALE "D" DETAIL (7/-)

SCALE: 1" = 10'

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1944
DATE ACCEPTED: 8/28/06

PAUL T. NELSON
STATE OF WASHINGTON
37228
REGISTERED
PROFESSIONAL ENGINEER
8-17-06
EXPIRES 11/24/07

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

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

COUNTY DATUM

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EL.=1986.87 NAVD-88
TBM-2 TEMPORARY BENCHMARK ESTABLISHED.
RAILROAD SPIKE IN UTILITY POLE
EL.=1997.52

DEVELOPER'S APPROVAL — DATE

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	8/11/06		RECORD DRAWING by ALLWEST TESTING AND ENGINEERING
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SCALE:
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SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

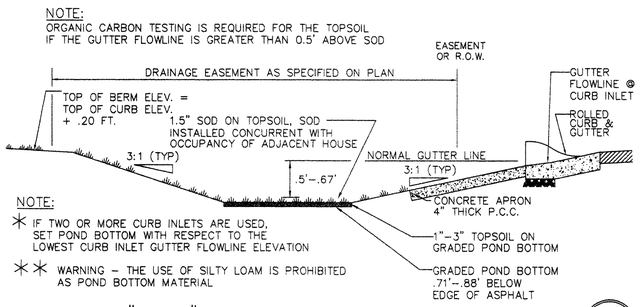
STREET AND DRAINAGE PLANS
PRAIRIE RIDGE
SWALE PLAN
SPOKANE COUNTY, WASHINGTON

SHEET 10 OF 13
JOB NUMBER 2004-35

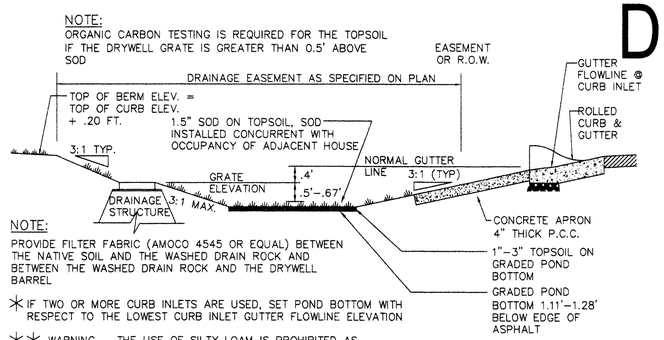
P-1944 Eng As Builts

RECORD DRAWING

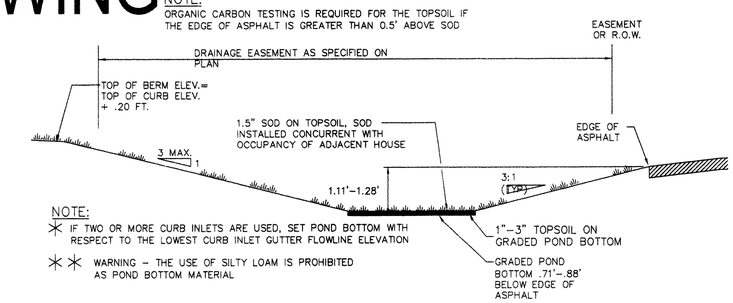
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456·8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG



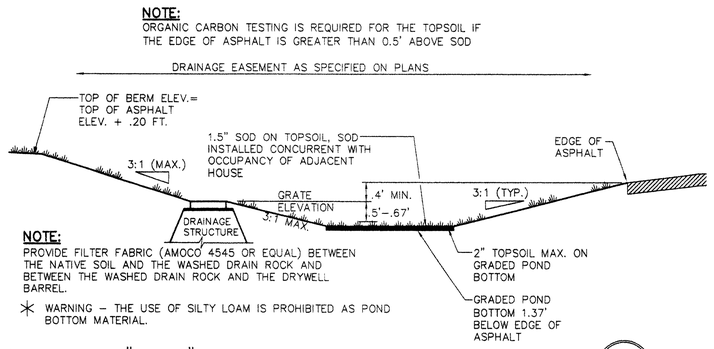
TYPICAL "208" POND WITHOUT DRAINAGE STRUCTURE (R CURB) — 1 / -
NOT TO SCALE



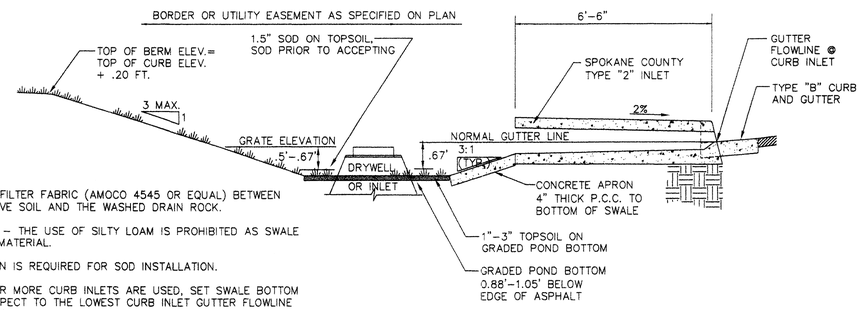
TYPICAL "208" POND WITH DRAINAGE STRUCTURE (R CURB) — 2 / -
NOT TO SCALE



TYPICAL "208" POND WITHOUT DRAINAGE STRUCTURE — 3 / -
NOT TO SCALE



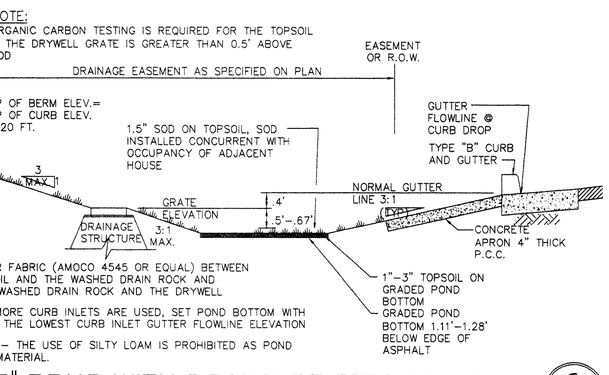
TYPICAL "208" POND WITH DRAINAGE STRUCTURE — 4 / -
NOT TO SCALE



NOTE:
1. PROVIDE FILTER FABRIC (AMOCO 4545 OR EQUAL) BETWEEN THE NATIVE SOIL AND THE WASHED DRAIN ROCK.
2. WARNING - THE USE OF SILTY LOAM IS PROHIBITED AS SWALE BOTTOM MATERIAL.
3. IRRIGATION IS REQUIRED FOR SOD INSTALLATION.
4. IF TWO OR MORE CURB INLETS ARE USED, SET SWALE BOTTOM WITH RESPECT TO THE LOWEST CURB INLET GUTTER FLOWLINE ELEVATION.
5. HYDRO-SEED NON-SODDED AREAS WITH TURF GRASS MIX.

208 SWALE - TYPE "2" INLET - WITH DRYWELL — 5 / -
NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-1944
DATE ACCEPTED: 8/28/06



TYPICAL "208" POND WITH DRAINAGE STRUCTURE (TYPE "B" CURB) — 6 / -
NOT TO SCALE

PAUL T. NELSON
STATE OF WASHINGTON
37228
REGISTERED
PROFESSIONAL ENGINEER
8-17-06
EXPIRES 11/24/07

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

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

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

DEVELOPER'S APPROVAL — DATE

NO.	DATE	BY	REVISIONS
	8/11/05		RECORD DRAWING by ALLWEST TESTING AND ENGINEERING
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
SWALE DETAILS
SPOKANE COUNTY, WASHINGTON

SHEET 11 OF 13
JOB NUMBER 2004-35

P-1944 Eng As Built

EROSION CONTROL PLANS

PRAIRIE RIDGE

SPOKANE COUNTY, WASHINGTON

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

RECORD DRAWING

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

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.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 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.

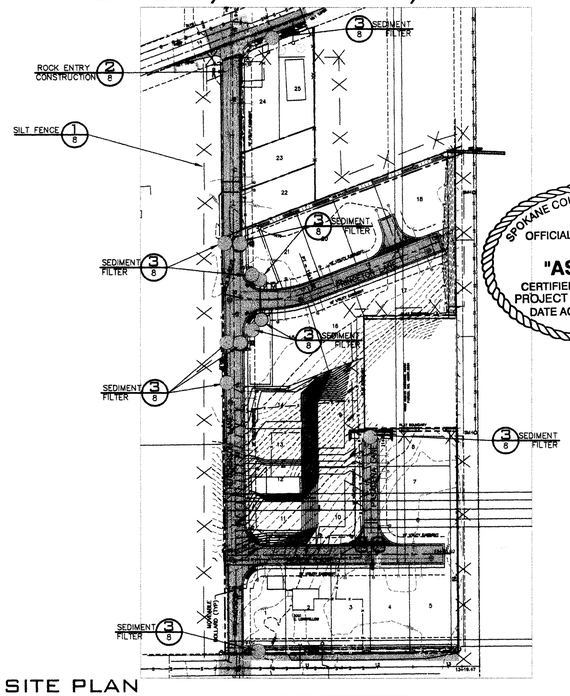
15. THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF WATER LINES AND DRY UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL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

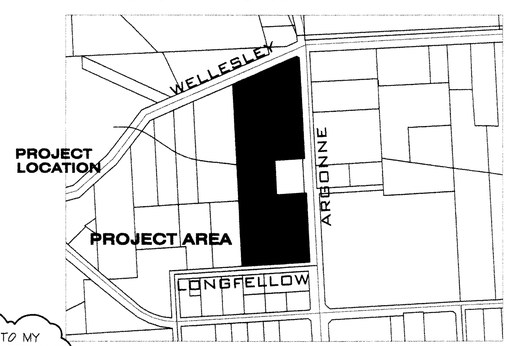


SITE PLAN

SCALE: 1" = 100'

LEGAL DESCRIPTION

LOT "B" OF SHORT PLAT 649-90



VICINITY MAP

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 GALLERIES.
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 ENTRANCES. 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 SEEDED 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 SEEDED.
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 STORMWATER MANAGEMENT.

ENGINEER TODD R. WHIPPLE, P.E.

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

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

SEWER
SPOKANE COUNTY UTILITIES
1026 WEST BROADWAY AVENUE
SPOKANE, WASHINGTON 99260
PHONE: 509-477-3604
FAX: 509-477-4715
CONTACT: BILLY URHAUSEN

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

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

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

FIRE DEPARTMENT
FIRE DISTRICT NO. 1
EAST 10319 SPRAGUE AVENUE
SPOKANE VALLEY, WA 99206
PHONE: 509-928-1700
FAX: 509-892-4125
CONTACT: KEVIN MILLER

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

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

CABLE
COMCAST BROADBAND
1717 EAST BUCKEYE
SPOKANE, WA 99207
PHONE: 509-484-4931 EXT. 3254
CONTACT: MIKE SMILEY

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

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

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

PAUL T. NELSON STATE OF WASHINGTON 37228 REGISTERED PROFESSIONAL ENGINEER 8-17-06
EXPIRES 11/24/07

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

THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO APPLICABLE EDITIONS OF THE 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.

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
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DEVELOPER'S APPROVAL DATE

NO.	DATE	BY	REVISIONS
	8/11/06		RECORD DRAWING
			by ALLWEST TESTING AND ENGINEERING
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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
SPOKANE COUNTY, WASHINGTON

SHEET 12 OF 13

JOB NUMBER 2004-35

P-1944 Eng As Builts

RECORD DRAWING

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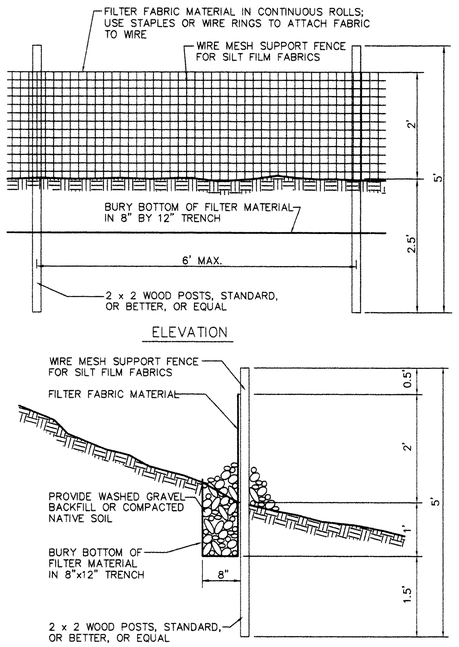
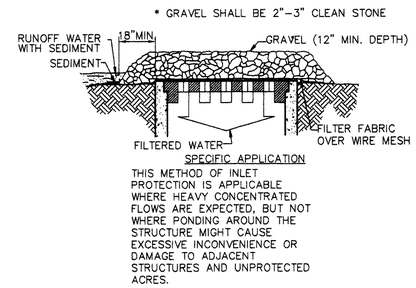
CALL TWO BUSINESS DAYS BEFORE YOU DIG



SILT FENCE DETAIL (1)

NOT TO SCALE



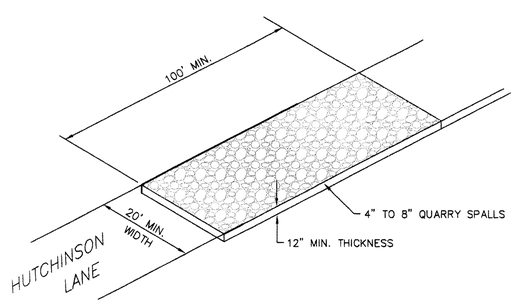
GRAVEL AND WIRE MESH INLET SEDIMENT FILTER (3)

NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1944
DATE ACCEPTED: 8/28/06

PAUL T. NELSON
STATE OF WASHINGTON
37228
REGISTERED
PROFESSIONAL ENGINEER
8-17-06
EXPIRES 11/24/07

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



ROCK CONSTRUCTION ENTRY (2)

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

TODD R. W. H. POLE
STATE OF WASHINGTON
25462
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES 9/24/

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

DEVELOPER'S APPROVAL DATE

NO.	DATE	BY	REVISIONS
	8/11/06		RECORD DRAWING
			by ALLWEST TESTING AND ENGINEERING
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 As Built