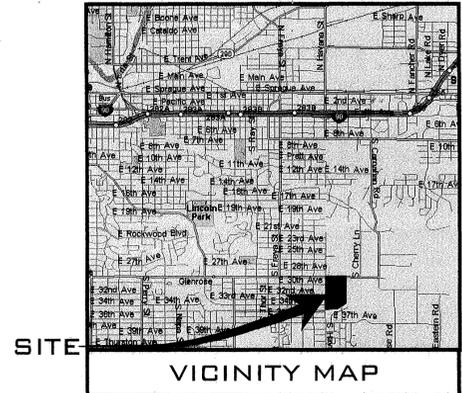


COVER SHEET FOR SOUTHRIDGE PUD, PHASE 1 STREET AND DRAINAGE PLANS SEC. 35, T.25 N., R.43 E., W.M. SPOKANE COUNTY, WASHINGTON

RECORD DRAWING

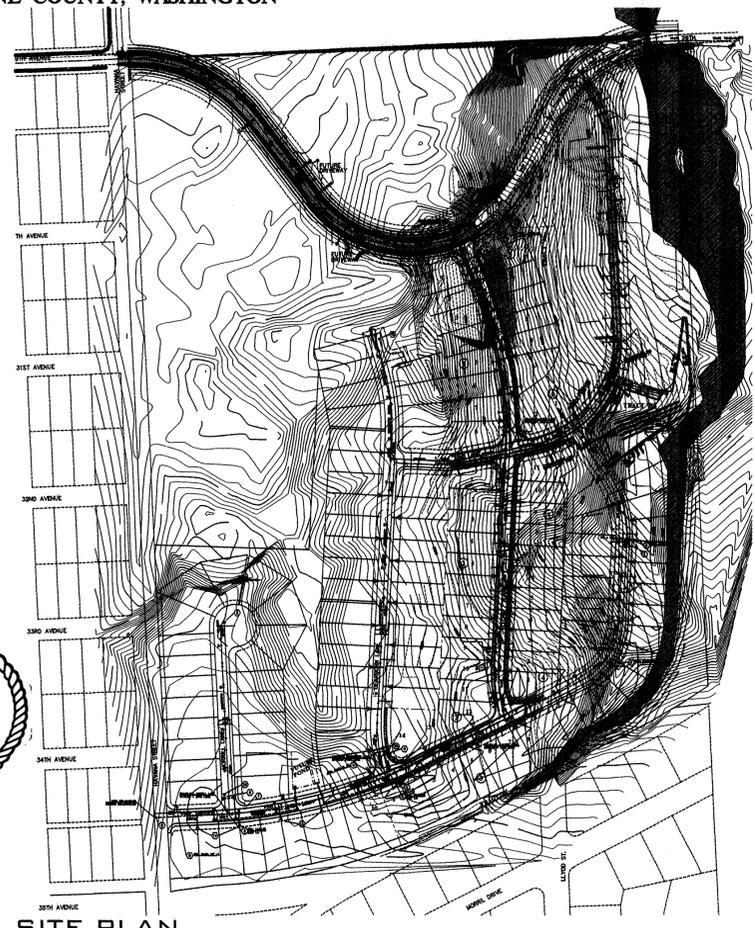
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS
BEFORE YOU DIG



ABBREVIATIONS

ACT. LEN. ACT LENGTH	GB GRADE BREAK	PRC POINT OF REVERSE CURVE
BCR BEGINNING OF CURVE	FT. / FT. FEET PER FOOT	PT POINT OF TANGENCY
BDRY. BOUNDARY	HYD. HYDRANT	RIM EL. RIM ELEVATION
CO. SEWER CLEANOUT	I.E. INVERT ELEVATION	RD ROAD
CSTC CRUSHED SURFACE	LN. LANE	RT RIGHT
CT. TOP COURSE	LT. LEFT	SI STREET INTERSECTION
DIA. DIAMETER	MH MANHOLE	SS SANITARY SEWER
ECR END OF CURB	MCR MID POINT OF CURVE	STA. LEN. STATION LENGTH
EXIST. EXISTING	PC POINT OF CURVE	TC TOP OF GRATE
G GRADE	PET. PETROLEUM	TO TOP OF CURB
	PI POINT OF INTERSECTION	

- GENERAL NOTES**
1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED SITE WORK STANDARDS AND THE STANDARDS AND SPECIFICATIONS SET FORTH IN SPOKANE COUNTY REGULATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK WITHIN PUBLIC R.O.W. OR EASEMENTS SHALL BE INSPECTED AND APPROVED BY THE SPOKANE COUNTY INSPECTOR. INSPECTION SERVICES AND CONSTRUCTION CERTIFICATION TO BE PROVIDED BY 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 THE 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 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 CONTRACTOR'S 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 THE 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.
 20. ONSITE GRADING SHALL BE IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND E.S.C. PLAN. ANY IMPORT OR EXPORT OF MATERIAL SHALL BE FROM A PREAPPROVED SOURCE/DESTINATION AND COORDINATED WITH THE SPOKANE COUNTY DEPARTMENT OF BUILDING AND PLANNING AT 509-477-3675. GRADING ON THIS SITE OR ANY OTHER SITE MUST COMPLY WITH ALL DEVELOPMENT REGULATIONS INCLUDING, BUT NOT LIMITED TO, GRADING PERMITS, S.E.P.A. REVIEW, TIMBER HARVEST PERMITS, CRITICAL AREAS, FLOODPLAINS, DESIGNATED DRAINAGEWAYS, ETC.



LEGEND

EXISTING	GENERAL	PROPOSED
---	ROADWAY CENTER LINE	---
---	RIGHT OF WAY LINE	---
---	PROPERTY LINE	---
---	EASEMENT LINE	---
---	FENCE	---
---	CURB	---
---	PAVEMENT	---
---	GRAVEL	---
---	CONCRETE	---
---	BUILDINGS & STRUCTURES	---
---	MONUMENT	---
---	SANITARY SEWER	---
---	SANITARY SEWER	---
---	MANHOLE	---
---	CLEANOUT	---
---	SEWER SERVICE	---
---	WATER	---
---	WATER LINE	---
---	VALVE	---
---	FIRE HYDRANT	---
---	SERVICE	---
---	METER	---
---	BLOWOFF	---
---	AVRS	---
---	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	---

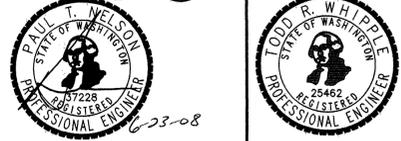
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- | | | | |
|---|--|---|--|
| COUNTY ENGINEER
SPOKANE COUNTY ENGINEERS
1026 WEST BROADWAY AVENUE
SPOKANE, WASHINGTON 99260
PHONE: 509-477-3600
FAX: 509-477-7478
CONTACT: MATT ZARECOR, P.E. | SEWER
CITY OF SPOKANE
808 W. SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201
PHONE: 509-625-6300
FAX: 509-625-6700
CONTACT: KRIS BECKER, P.E. | WATER PURVEYOR
CITY OF SPOKANE
914 N. FOOTHILLS
SPOKANE, WASHINGTON 99207
PHONE: 509-625-7800
FAX: 509-625-7816
CONTACT: CHRIS PETERSCHMIDT, P.E. | INSPECTION
ALLWEST
EAST 12928 INDIANA AVENUE
SPOKANE VALLEY, WA 99216
PHONE: 509-534-4411
FAX: 509-534-9326
CONTACT: PAUL T. NELSON, P.E. |
| FIRE DEPARTMENT
FIRE DISTRICT NO. 8
12100 E. PALOUSE HIGHWAY
VALLEYFORD, WA 99036
PHONE: 509-926-6699
FAX: 509-924-8358
CONTACT: DAN BLYSTONE | TELEPHONE
QWEST
904 NORTH COLUMBUS
SPOKANE, WASHINGTON, 99202
PHONE: 509-455-2580
FAX: 509-455-2104
CONTACT: DAVE CLARK | NATURAL GAS
AVISTA UTILITIES
1411 EAST MISSION AVENUE
SPOKANE, WA 99220
PHONE: 509-495-4774
FAX: 509-495-8713
CONTACT: LOIS MCCAIN | SURVEYOR
CLIFF CAMERON
P.O. BOX 641
COLBERT, WASHINGTON 99005
PHONE: 509-467-0148
CONTACT: CLIFFORD E. CAMERON, P.L.S. |
| CABLE
COMCAST BROADBAND
1717 EAST BUCKEYE
SPOKANE, WASHINGTON, 99207
PHONE: 509-484-4931
CONTACT: BRYAN RICHARDSON | POWER
AVISTA UTILITIES
1411 EAST MISSION AVENUE
SPOKANE, WA 99220
PHONE: 509-495-4774
FAX: 509-495-8713
CONTACT: CHRIS FRACZ | ENGINEER
WHIPPLE CONSULTING ENGINEERS
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WA 99216
PHONE: 509-893-2617
FAX: 509-926-0227
CONTACT: TODD R. WHIPPLE, P.E. | OWNER
LANZCE DOUGLASS, INC
1402 E. MAGNESIUM ROAD
SPOKANE, WA 99217
PHONE: 509-483-4966
FAX: 509-483-6532
CONTACT: LANZCE DOUGLASS |

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.

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.



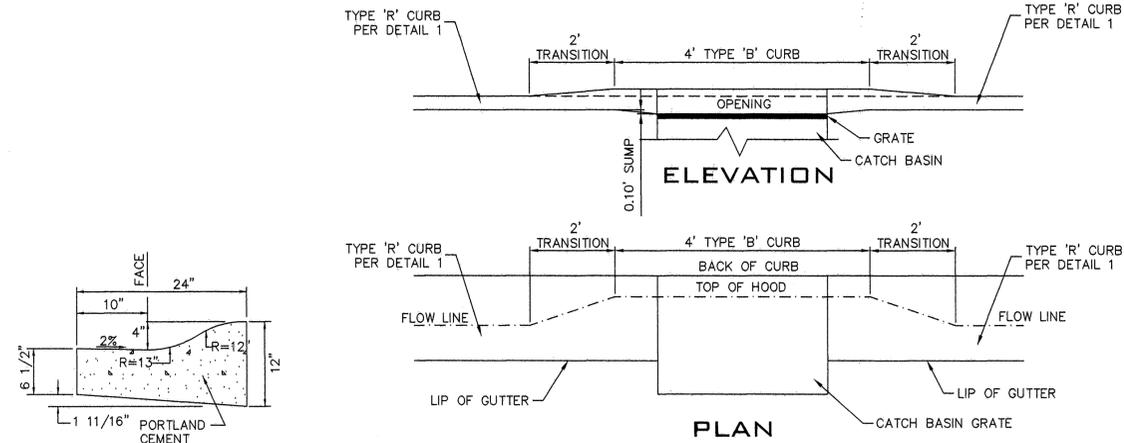
NOTE:
CONTRACTOR TO TAKE NOTE, WHERE WATER LINES CONFLICT WITH STORM DRAINAGE PIPE THE WATER LINES SHALL BE ROUTED UNDER THE STORM DRAINAGE PIPE PER DETAIL 1 SHEET 6B.

NAVD-88 DATUM MONUMENT ID NO. 3394, HWY 395, MP 167.35, GSN NO. 092939-201 ELEVATION = 1748.382 SPIKE AT CENTERLINE OF HAVANA STREET AND 29TH AVENUE ELEVATION = 2296.606	DEVELOPER'S APPROVAL _____ DATE _____	6/20/08 12/20/07	RECORD DRAWING BOND REDUCTION REQUEST by ALLWEST TESTING AND ENGINEERING SUBMITTAL TO SPOKANE COUNTY ENGINEERS PLAN PREPARATION	SCALE: HORIZONTAL: AS SHOWN VERTICAL: N/A	PROJ #: 2005-175 DATE: 06/04/07 DRAWN: MLM APPROVED: TRW	 WHIPPLE CONSULTING ENGINEERS CIVIL AND TRANSPORTATION ENGINEERING 2528 NORTH SULLIVAN ROAD SPOKANE VALLEY, WASHINGTON 99216 PH: 509-893-2617 FAX: 509-926-0227	STREET AND DRAINAGE PLANS SOUTHRIDGE PUD, PHASE 1 COVER SHEET SPOKANE COUNTY, WASHINGTON	SHEET 1 OF 9 JOB NUMBER 2005-175
		NO. DATE BY REVISIONS	APPROVED: TRW	EXPIRES 11/24/09	EXPIRES 9/24/09			

SECTION 35, T. 25 N., R. 43 E., W.M.

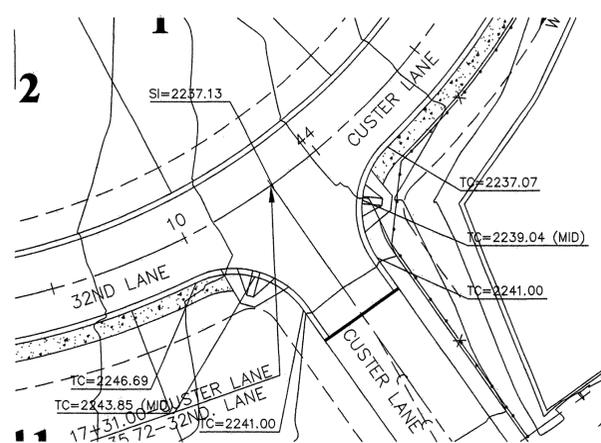
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS
BEFORE YOU DIG

**RECORD
DRAWING**

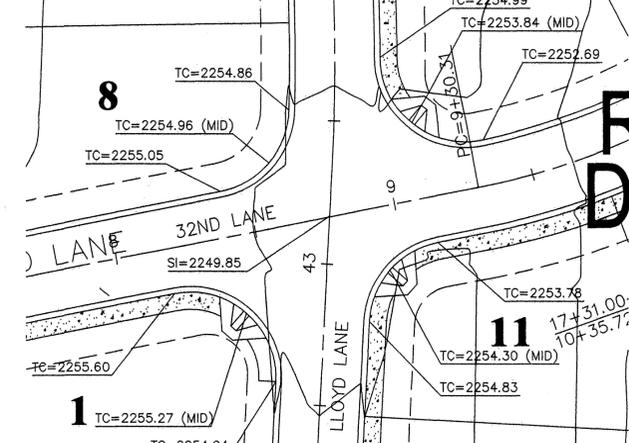


TYPE "R" CURB 1
NOT TO SCALE

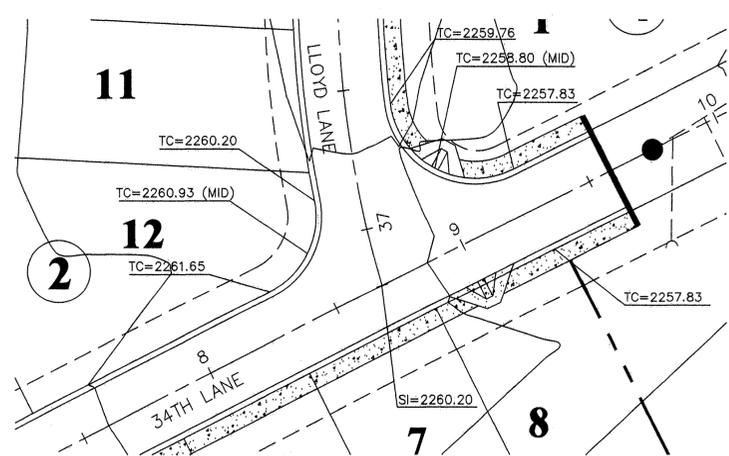
CURB & CATCH BASIN DETAIL 2
NOT TO SCALE



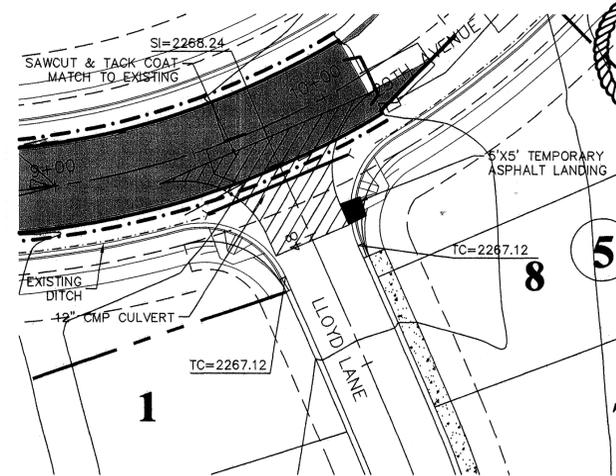
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SCALE: 1" = 30'



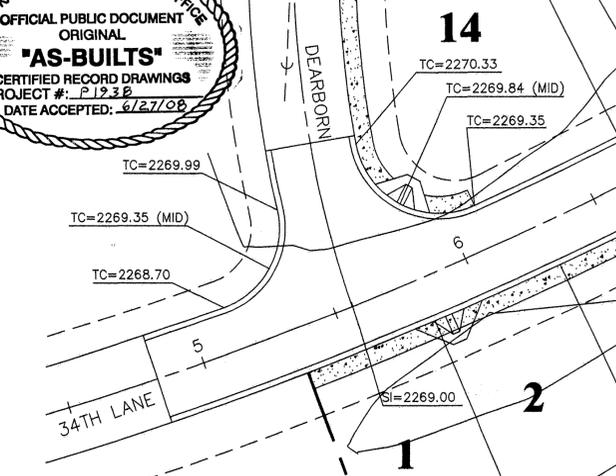
INTERSECTION DETAIL 4
SCALE: 1" = 30'



INTERSECTION DETAIL 5
SCALE: 1" = 30'



INTERSECTION DETAIL 6
SCALE: 1" = 30'



INTERSECTION DETAIL 7
SCALE: 1" = 30'

STORM DRAINAGE NOTES

- SEE STREET PLAN AND PROFILE SHEETS FOR DRYWELL AND CATCH BASIN TYPES AND LOCATIONS.
- SWALES SHALL BE CONSTRUCTED PER THE REQUIREMENTS OF THESE DRAWINGS INCLUDING GRADING, SOD, AND DRYWELL INSTALLATION. ALL SWALES WITHIN TRACTS SHALL INCLUDE AN IRRIGATION SYSTEM. ALL IRRIGATION SHALL CONFORM TO SPOKANE COUNTY SWALE IRRIGATION SYSTEM GUIDELINES.
- ALL "208" SWALES SHOWN SHALL BE ROUGH GRADED PRIOR TO PAVING OF ADJACENT ROADWAY.
- CONTRACTOR SHALL PROVIDE SPOKANE COUNTY WITH RECORD DRAWINGS OF IRRIGATION PLANS UPON COMPLETION OF ALL SWALE CONSTRUCTION.
- INSTALL "AMOCO" #4545 FILTER FABRIC (OR APPROVED EQUAL) IN ALL DRYWELLS. SEE SPOKANE COUNTY STANDARDS (2001 EDITION) BETWEEN NATIVE SOIL AND GRAVEL ONLY SHEET B-1g FOR INSTALLATION LOCATIONS.
- ALL SWALES 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 SWALE GRADE WORK, INSTALL THE IRRIGATION SYSTEM, AND PLACE THE SOD WITHIN THE SWALES 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" SWALES) ARE TO BE IRRIGATED BY AN AUTOMATIC IRRIGATION SYSTEM INSTALLED BY OR UNDER THE DIRECTION OF THE LANDSCAPE CONTRACTOR. THE IRRIGATION SYSTEM SHALL COMPLY WITH ALL LOCAL CODES AND ORDINANCES (90 DAY GUARANTEE). AN APPROVED BACKFLOW DEVICE SHALL BE INSTALLED TO PREVENT WATER FROM GOING BACK INTO THE WATER SUPPLY, CURBING, PAVING, ETC.

SLEEVING: PROVIDE SLEEVING AS REQUIRED UNDER SIDEWALKS, PATHS, 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.

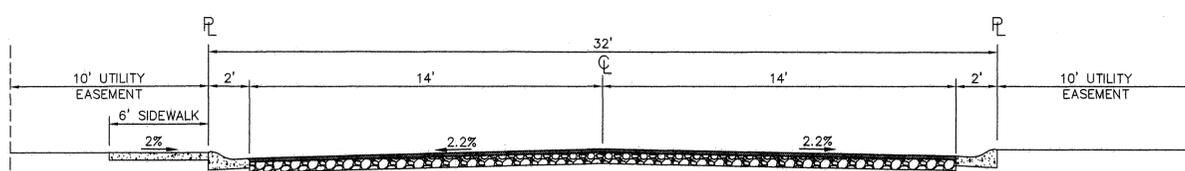
LAWN AREAS: LAWN AREAS ARE TO BE IRRIGATED WITH TORO POP-UP HEADS OR EQUIVALENT. (TEST SYSTEM BEFORE BACKFILLING). ETC. TO PROVIDE UNIFORM.

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

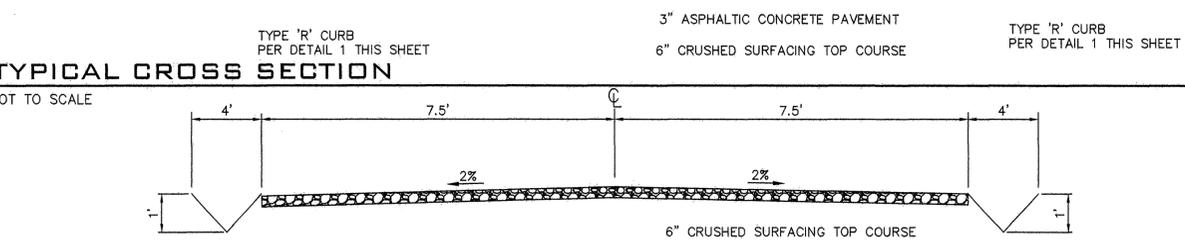
WATER POWER SUPPLY: THE OWNER/ GENERAL CONTRACTOR IS TO SUPPLY WATER TAPS FOR HOOK-UP AND SUPPLY POWER FOR CONTROLLER.

9. THE FLOOR OF A GRASSED PERCOLATION AREA (G.P.A.) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, AND THE SIDE SLOPES OF THE SWALE UP TO THE G.P.A. OVERFLOW ELEVATION OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE G.P.A. 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 G.P.A. 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.

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.



TYPICAL CROSS SECTION
NOT TO SCALE



TYPICAL SEWER ACCESS ROAD SECTION
NOT TO SCALE

STANDARD NOTES FOR CONSTRUCTION PLANS

- ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" 1995, AND AS AMENDED.
- 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 AND THE SPOKANE COUNTY ENGINEER'S OFFICE.
- FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (AMOCO 4545 OR APPROVED EQUIVALENT) BETWEEN THE DRYWELL BARREL AND THE WASHED DRAINROCK, AND BETWEEN THE WASHED DRAINROCK AND THE NATIVE SOILS.
- PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.
- 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.
- THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO VERIFY THAT THE CROSS-GUTTER FORMS ARE AT THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT. THE CROSS-GUTTERS SHALL BE CONSTRUCTED PRIOR TO PAVING, AND THE PAVEMENT SHALL THEN MATCH THE EDGE OF CONCRETE GUTTER.
- 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.



L:\2007-1547 Southridge Ph 1\dwg\ASBUILT STREET 2.dwg, XSECT1, 6/20/2008 7:31:51 AM, 1:

NAV8-88 DATUM
MONUMENT ID NO. 3394, HWY 395,
MP 167.35, CBN NO. GP32395-201
ELEVATION = 1748.382
SPIKE AT CENTERLINE OF HAVANA
STREET AND 29TH AVENUE
ELEVATION=2298.608

DEVELOPER'S APPROVAL _____ DATE _____

NO.	DATE	BY	REVISIONS
6/20/08			RECORD DRAWING
12/20/07			BOND REDUCTION REQUEST
			by ALLWEST TESTING AND ENGINEERING
			SUBMITTAL TO SPOKANE COUNTY ENGINEERS
03/31		MLM	PLAN PREPARATION

SCALE:
HORIZONTAL: AS SHOWN
VERTICAL: N/A

PROJ #: 2005-175
DATE: 12/18/06
DRAWN: MLM
APPROVED: TRW



P-1938 11/24/09

STREET AND DRAINAGE PLANS
SOUTHRIDGE PUD, PHASE 1
NOTES - SECTIONS - DETAILS
SPOKANE COUNTY, WASHINGTON

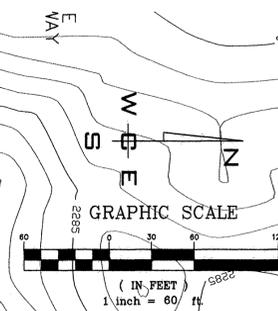
SHEET
2 OF 9

JOB NUMBER
2005-175

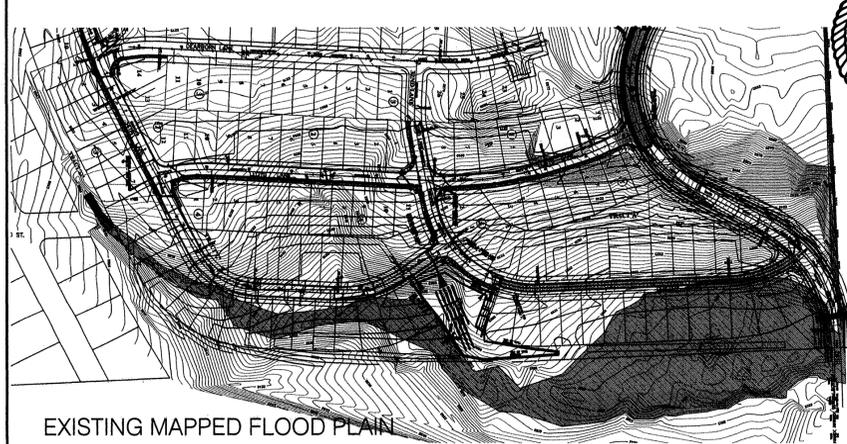
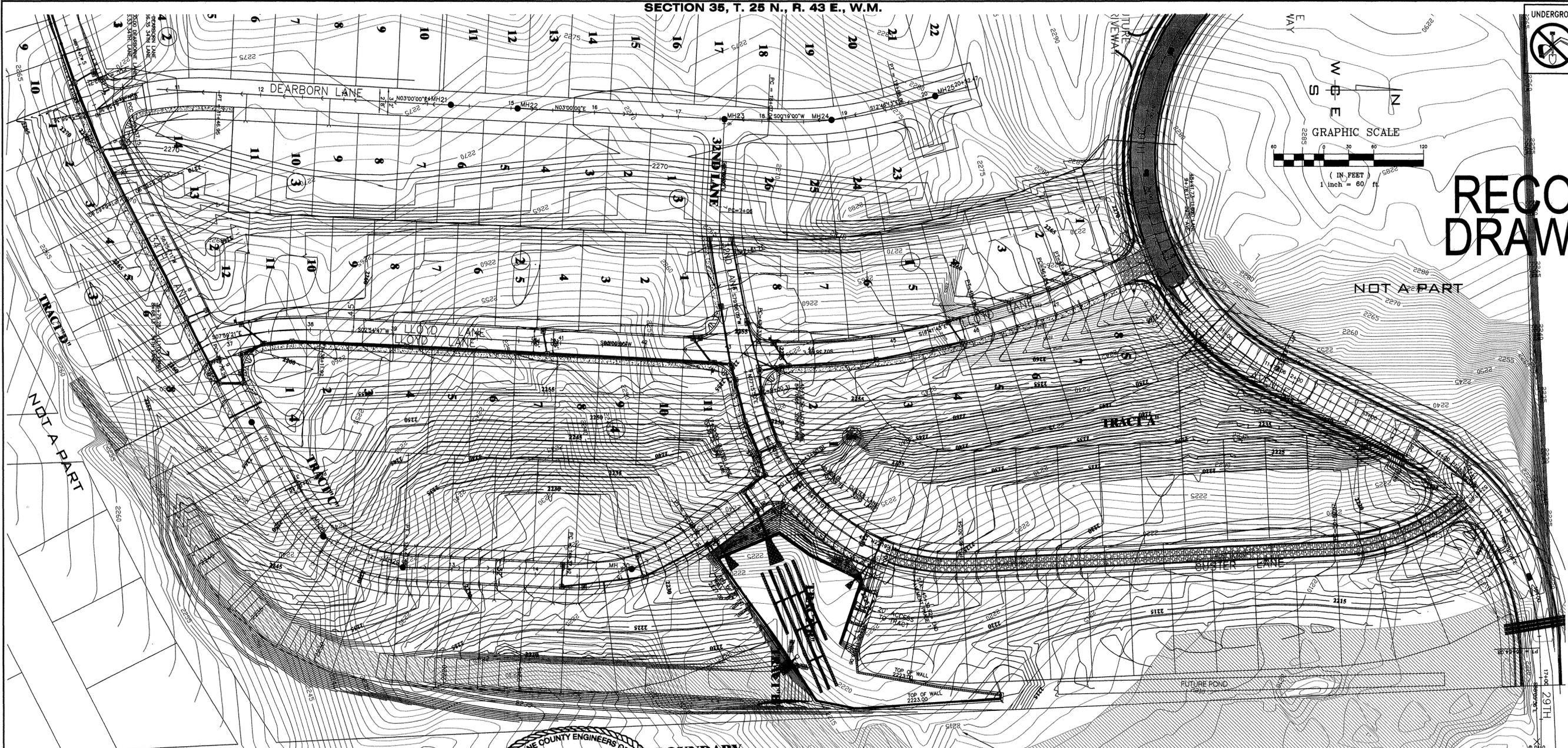
P-1938 Eng's Built

SECTION 35, T. 25 N., R. 43 E., W.M.

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

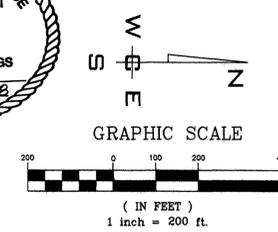


**RECORD
DRAWING**

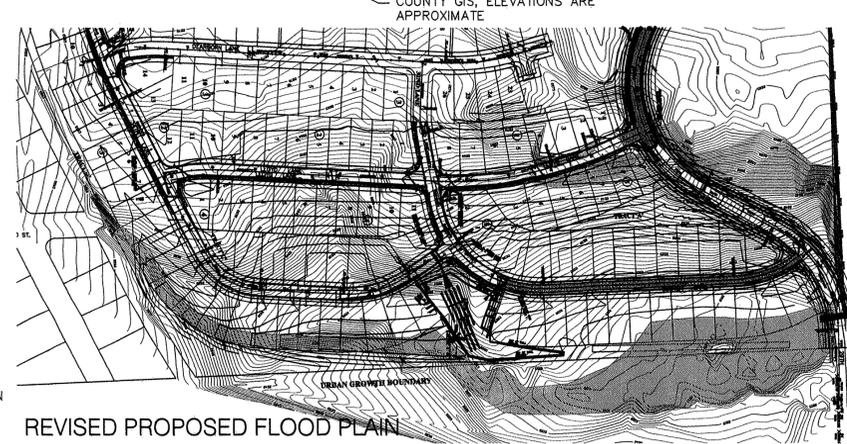


EXISTING MAPPED FLOOD PLAIN

SPokane County Engineers Office
 OFFICIAL PUBLIC DOCUMENT
 ORIGINAL
"AS-BUILTS"
 CERTIFIED RECORD DRAWINGS
 PROJECT #: P-1938
 DATE ACCEPTED: 6/27/08



LEGEND
 EXISTING MAPPED FLOOD PLAIN
 REVISED PROPOSED FLOOD PLAIN



REVISED PROPOSED FLOOD PLAIN

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.

PAUL T. NELSON
 STATE OF WASHINGTON
 REGISTERED PROFESSIONAL ENGINEER
 37228
 8-25-08
 EXPIRES 11/24/09

LODD R. WHIPPLE
 STATE OF WASHINGTON
 REGISTERED PROFESSIONAL ENGINEER
 23462
 8-25-08
 EXPIRES 9/24/09

NAV8-88 DATUM
 MONUMENT ID NO. 3394, HWY 395,
 MP 167.35, CBM NO. GP32395-201
 ELEVATION = 1748.382
 SPIKE AT CENTERLINE OF HAVANA
 STREET AND 29TH AVENUE
 ELEVATION = 2298.606

DEVELOPER'S APPROVAL _____ DATE _____

6/20/08	RECORD DRAWING		
12/20/07	BOND REDUCTION REQUEST		
	by ALLWEST TESTING AND ENGINEERING		
	SUBMITTAL TO SPOKANE COUNTY ENGINEERS		
03/31	PLAN PREPARATION		
NO.	DATE	BY	REVISIONS

SCALE:
 HORIZONTAL: AS SHOWN
 VERTICAL: N/A

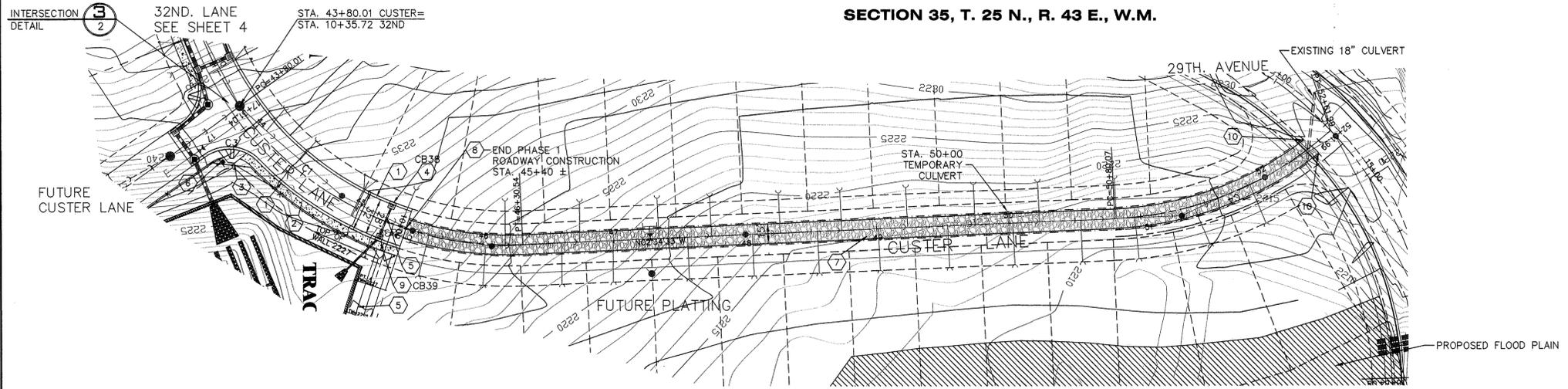
PROJ #: 2005-175
DATE: 12/18/06
DRAWN: MLM
APPROVED: TRW

IWCE
 WHIPPLE CONSULTING ENGINEERS
 CIVIL AND TRANSPORTATION ENGINEERING
 2528 NORTH SULLIVAN ROAD
 SPOKANE VALLEY, WASHINGTON 99216
 PH: 509-893-2617 FAX: 509-826-0227

**STREET AND DRAINAGE PLANS
 SOUTHRIDGE PUD, PHASE 1
 GRADING PLAN
 SPOKANE COUNTY, WASHINGTON**

**SHEET
 2A OF 9**
 JOB NUMBER
2005-175

P-1938 Eng As-Built



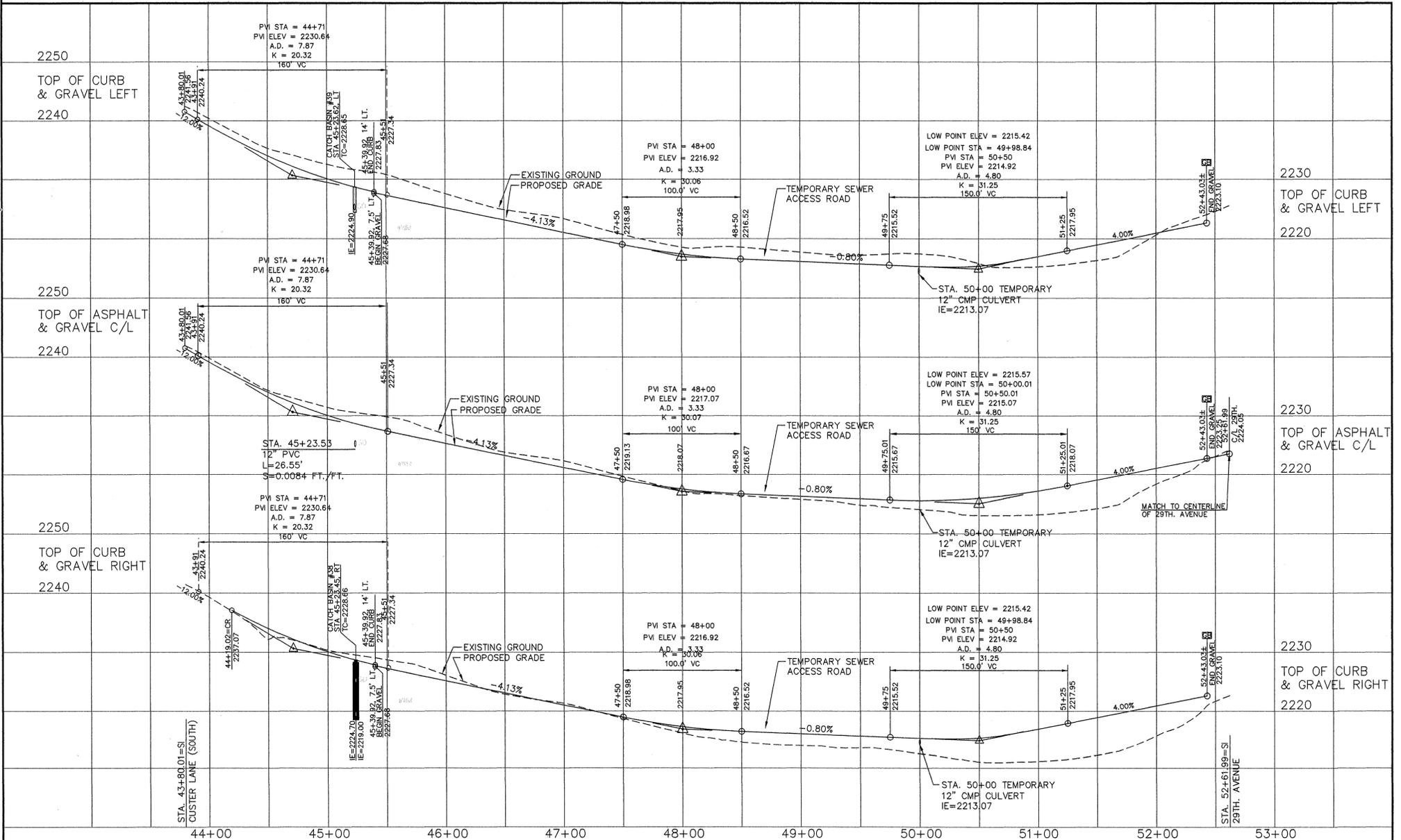
RECORD DRAWING

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

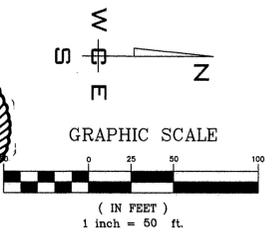
CONSTRUCTION NOTES

- 1 PROVIDE AND INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARDS SEE DETAIL 1 SHEET 2.
- 2 PROVIDE AND INSTALL 6 FT. SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
- 3 PROVIDE AND INSTALL CURB RAMP DESIGN "A" PER SPOKANE COUNTY STANDARD PLAN A-5.
- 4 PROVIDE AND INSTALL TYPE "1" CATCH BASIN WITH TYPE "2" HOOD AND FRAME AND TYPE "1" GRATE PER SPOKANE COUNTY STANDARD PLAN "B-4", "B-R", AND "B-12". SEE PROFILE FOR STATION AND TOP OF CURB ELEVATIONS. SEE SHEET 7 FOR I.E.'S, LENGTHS AND SLOPE INFORMATION.
- 5 PROVIDE AND INSTALL 12" PVC STORM DRAIN PIPE SEE SHEET 7 FOR GRADE AND I.E.'S.
- 6 PROVIDE AND INSTALL STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16 AND M.U.T.C.D.
- 7 PROVIDE AND INSTALL 15' WIDE GRAVEL ACCESS ROAD FOR SEWER MAINTENANCE SEE CROSS SECTION SHEET 2.
- 8 PROVIDE AND INSTALL 4' HIGH CHAIN LINK GATE PER SPOKANE COUNTY STANDARDS.
- 9 PROVIDE AND INSTALL W.S.D.O.T. 48 TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN "B-10", 20-00 WITH METAL FRAME TYPE "2", HOOD FRAME TYPE "1" AND GRATE TYPE "1" PER SPOKANE COUNTY STANDARD PLAN "B-11", "B-14" SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
- 10 FEATHER GRAVEL LEFT AND RIGHT TO MATCH EXISTING ON 29TH AVENUE.

CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	355.94'	250.00'	215.70'	326.63'	81°34'33"
C2	42.44'	30.00'	25.65'	38.99'	81°03'36"
C3	42.44'	30.00'	25.65'	38.99'	81°03'35"
C4	181.92'	262.00'	94.80'	178.29'	39°47'00"



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 PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
PROJECTS 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



NAVD-88 DATUM
MONUMENT ID NO. 3394, HWY 395,
MP 167.35, CBM NO. GP32395-201
ELEVATION = 1748.382
SPIKE AT CENTERLINE OF HAVANA
STREET AND 29TH AVENUE
ELEVATION = 2298.606

DEVELOPER'S APPROVAL _____ DATE _____

NO.	DATE	BY	REVISIONS
6/20/08			RECORD DRAWING
12/20/07			BOND REDUCTION REQUEST
			by ALLWEST TESTING AND ENGINEERING
			SUBMITTAL TO SPOKANE COUNTY ENGINEERS
03/31		MLM	PLAN PREPARATION

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

PROJ #: 2008-175
DATE: 12/18/06
DRAWN: MLM
APPROVED: TRW



STREET AND DRAINAGE PLANS
SOUTHRIDGE PUD, PHASE 1
CUSTER LANE STA. 43+80.01 TO STA. 52+63.00
SPOKANE COUNTY, WASHINGTON

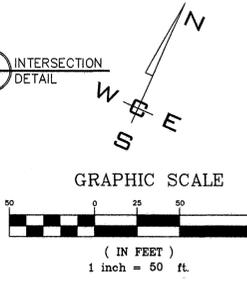
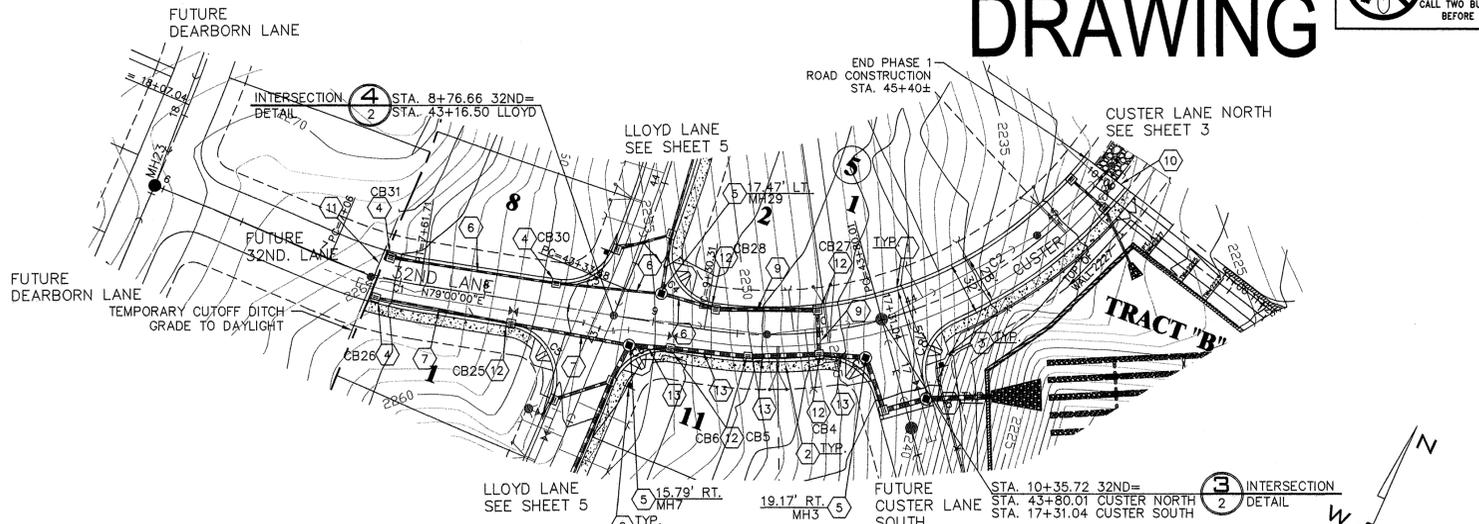
SHEET 3 OF 9
JOB NUMBER 2005-175

P-1938 [Signature]

SECTION 35, T. 25 N., R. 43 E., W.M.

RECORD DRAWING

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



CONSTRUCTION NOTES

- 1 PROVIDE AND INSTALL TYPE "R" CURB PER SPOKANE COUNTY STANDARDS SEE DETAIL 1 SHEET 2.
- 2 PROVIDE AND INSTALL 6 FT. SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
- 3 PROVIDE AND INSTALL CURB RAMP DESIGN "A" PER SPOKANE COUNTY STANDARD PLAN A-5.
- 4 PROVIDE AND INSTALL TYPE "1" CATCH BASIN WITH TYPE "2" HOOD AND FRAME AND TYPE "1" GRATE PER SPOKANE COUNTY STANDARD PLAN "B-4", "B-10", "B-11", AND "B-12". SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
- 5 PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE "2" CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10, 20-00 WITH METAL FRAME AND SOLID COVER PER SPOKANE COUNTY STANDARD PLAN B-15. SEE PROFILE FOR STATION, OFFSET, AND ELEVATION INFORMATION.
- 6 PROVIDE AND INSTALL 12" PVC STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
- 7 PROVIDE AND INSTALL 18" CMP STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
- 8 PROVIDE AND INSTALL STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16 AND M.U.T.C.D
- 9 PROVIDE AND INSTALL 24" CMP STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
- 10 PROVIDE AND INSTALL 4' HIGH CHAIN LINK GATE PER SPOKANE COUNTY STANDARDS.
- 11 PROVIDE AND INSTALL TYPE III BARRICADE PER W.S.D.O.T. STANDARD PLAN 11-3.
- 12 PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE "2" CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10, 20-00 WITH METAL FRAME; TYPE "2" HOOD AND FRAME AND TYPE "1" GRATE PER SPOKANE COUNTY STANDARD PLAN "B-11", AND "B-12". SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
- 13 PROVIDE AND INSTALL 30" CMP STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.

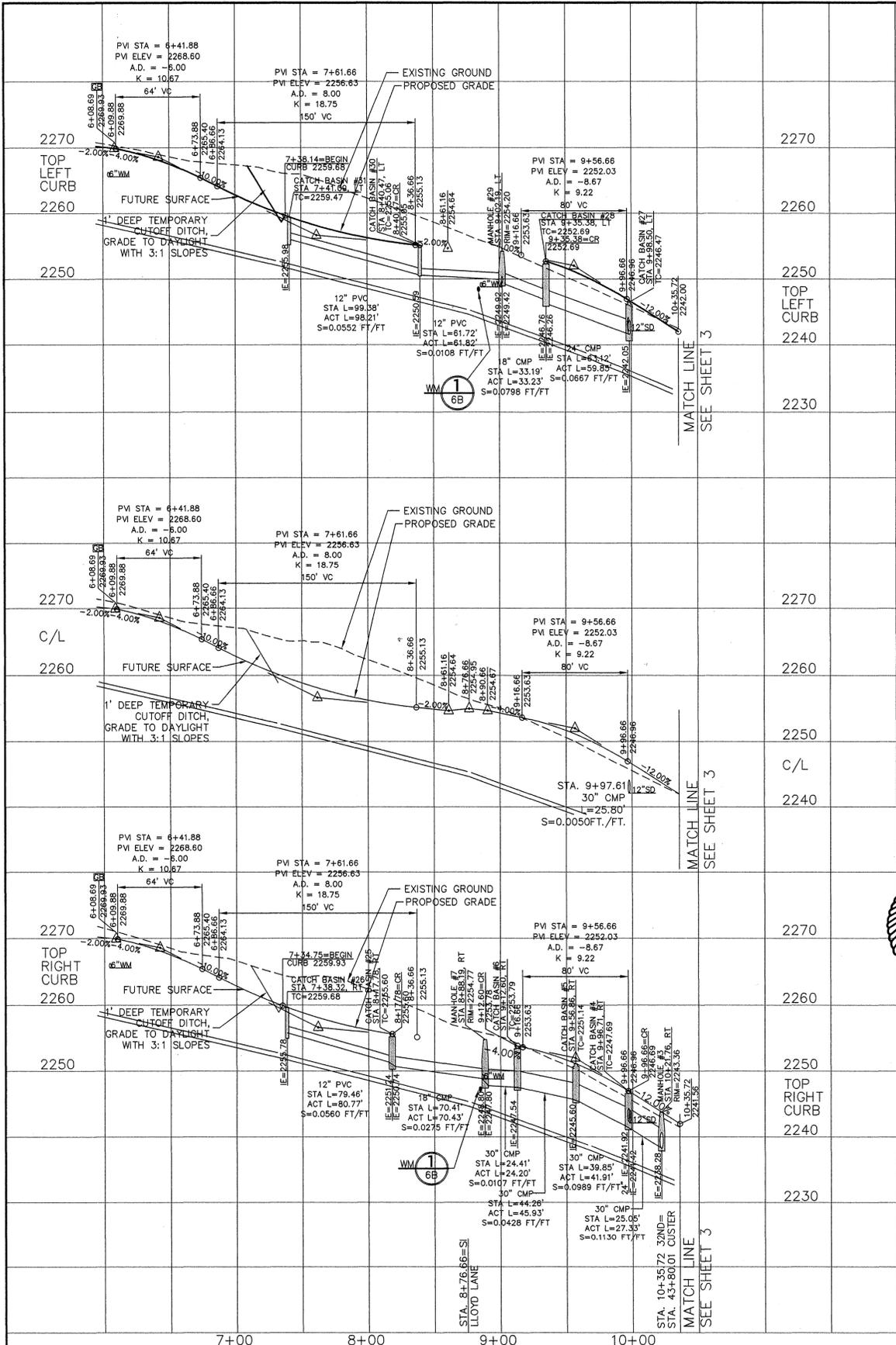


EXPIRES 11/24/09

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.



CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	228.00'	25.38'	12.70'	25.36'	6°22'39"
C2	250.00'	355.94'	215.70'	326.63'	81°34'33"
C3	30.00'	40.57'	24.07'	37.55'	77°29'24"
C4	30.00'	53.53'	37.20'	46.70'	102°13'50"
C5	30.00'	54.45'	38.40'	47.28'	104°00'01"
C6	30.00'	39.79'	23.44'	36.94'	76°00'00"
C7	30.00'	42.44'	25.65'	38.99'	81°03'35"
C8	30.00'	42.44'	25.65'	38.99'	81°03'35"



NAVD-88 DATUM
MONUMENT ID NO. 3394, HWY 395
MP 167.35, CBN NO. GP32395-201
ELEVATION = 1748.382
SPIKE AT CENTERLINE OF HAVANA
STREET AND 29TH AVENUE
ELEVATION = 2298.606

DEVELOPER'S APPROVAL _____ DATE _____

NO.	DATE	BY	REVISIONS
6/20/08			RECORD DRAWING
12/20/07			BOND REDUCTION REQUEST
			by ALLWEST TESTING AND ENGINEERING
			SUBMITTAL TO SPOKANE COUNTY ENGINEERS
03/31		MLM	PLAN PREPARATION

SCALE:
HORIZONTAL:
1" = 50'
VERTICAL:
1" = 10'

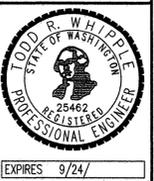
PROJ #: 2005-175
DATE: 12/18/06
DRAWN: MLM
APPROVED: TRW



P-1938

STREET AND DRAINAGE PLANS
SOUTHRIDGE PUD, PHASE 1
32ND. LANE STA. 7+38.14 TO STA. 10+35.72
SPOKANE COUNTY, WASHINGTON

SHEET
4 OF 9
JOB NUMBER
2005-175

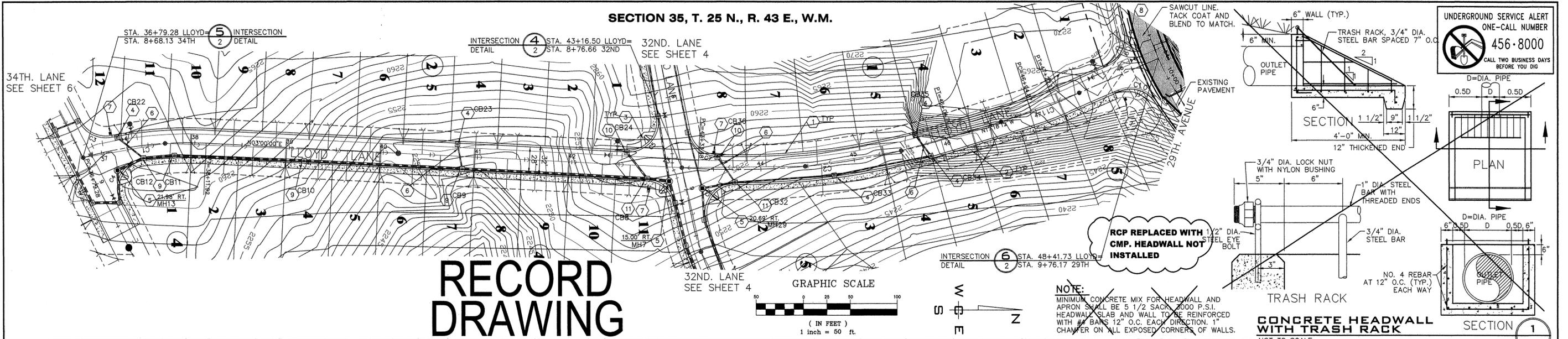


EXPIRES 9/24/09

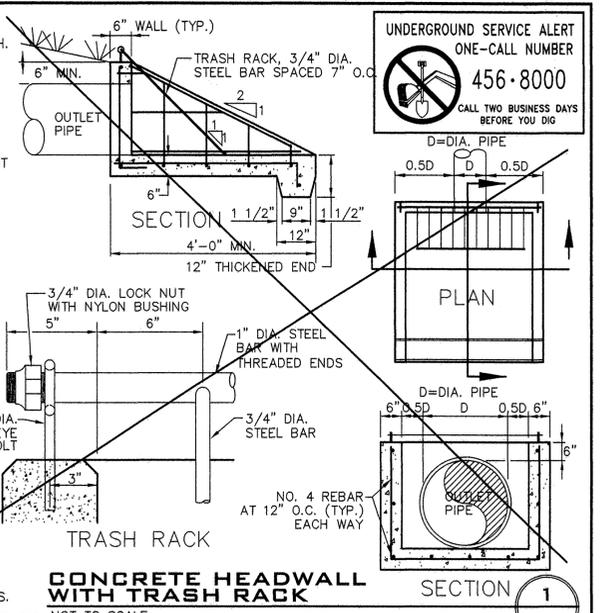
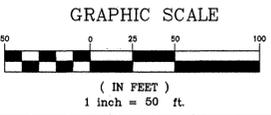
SPOKANE COUNTY PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
PROJECTS LANE MILES: PUBLIC: _____
PROJECT LANE MILES PRIVATE: _____
CONSTRUCTION DOCUMENTATION AND CERTIFIED
RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR
TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE
ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE
PERMIT REQUIRED! (509) 477-3600
PRIOR TO CONSTRUCTION

P-1938 Eng As Built

SECTION 35, T. 25 N., R. 43 E., W.M.



RECORD DRAWING



NOTE:
MINIMUM CONCRETE MIX FOR HEADWALL AND APRON SHALL BE 5 1/2 SACKS 2000 P.S.I. HEADWALL SLAB AND WALL TO BE REINFORCED WITH #4 BARS 12" O.C. EACH DIRECTION. 1" CHAMFER ON ALL EXPOSED CORNERS OF WALLS.

CONCRETE HEADWALL WITH TRASH RACK

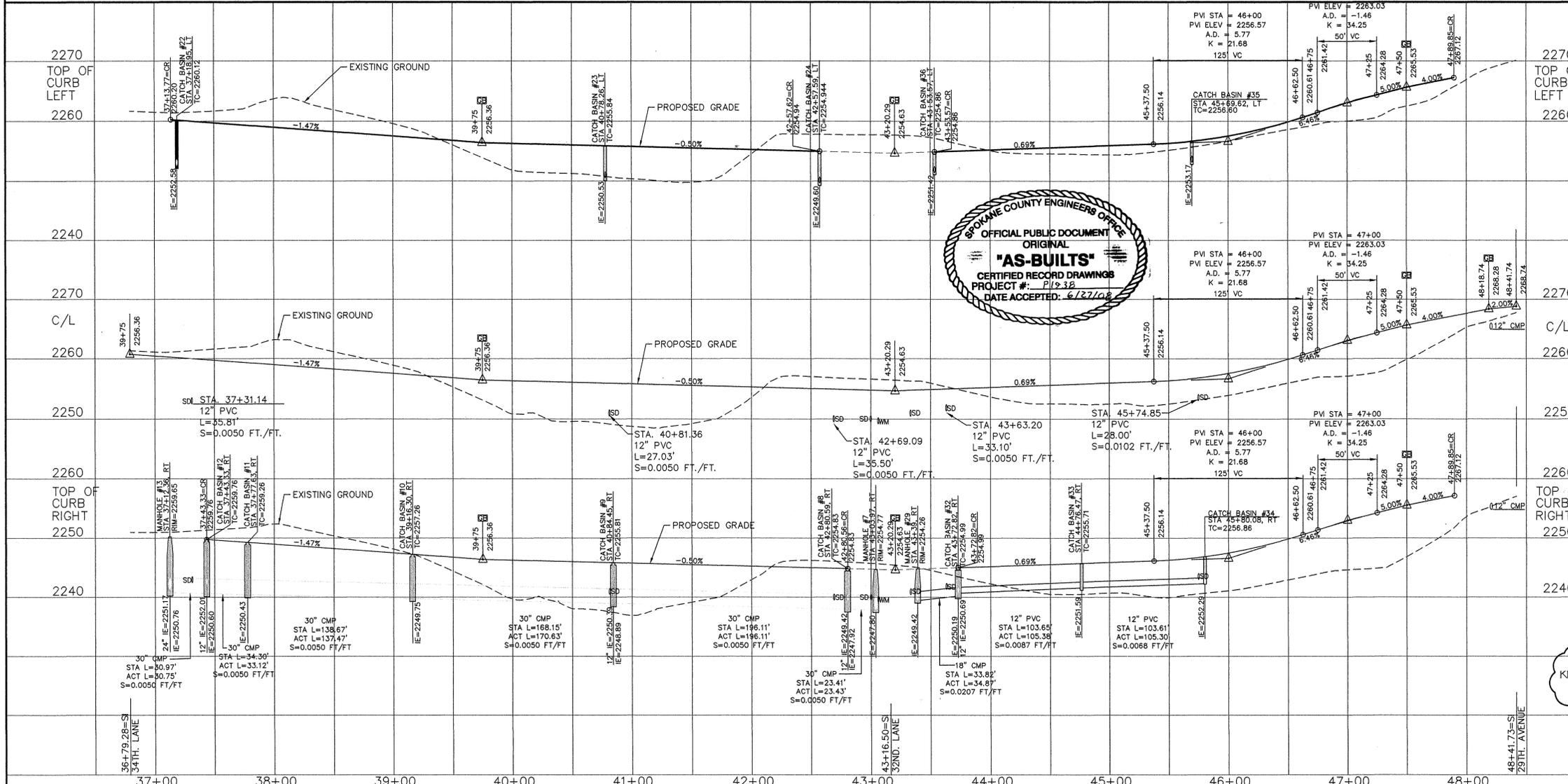
CONSTRUCTION NOTES

- PROVIDE AND INSTALL TYPE R CURB PER DETAIL 1 SHEET 2.
- PROVIDE AND INSTALL 6 FT. SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
- PROVIDE AND INSTALL CURB RAMP DESIGN A PER SPOKANE COUNTY STANDARD PLAN A-5.
- PROVIDE AND INSTALL TYPE "1" CATCH BASIN, TYPE "1" FRAME AND HOOD, AND TYPE "1" GRATE PER SPOKANE COUNTY STANDARD PLAN "B-4", "B-10", AND "B-12" SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
- PROVIDE AND INSTALL WSDOT 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10.20-00 WITH METAL FRAME AND SOLID LID TYPE "4" PER SPOKANE COUNTY STANDARD PLAN "B-15" SEE PROFILE FOR STATION, OFFSET, AND ELEVATION INFORMATION.
- PROVIDE AND INSTALL PVC OR CMP STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
- PROVIDE AND INSTALL STREET AND STOP SIGN PER SPOKANE COUNTY STANDARD PLAN A-16 AND M.U.T.C.D.
- PROVIDE AND INSTALL ±61.4 LF OF 12" **CMP** CONCRETE CULVERT STORM DRAIN PIPE (TEMPORARY) WITH CONCRETE HEADWALL AND TRASH RACK PER SPOKANE COUNTY STANDARDS. SEE DETAIL THIS SHEET. I.E.(W)=2266.69, I.E.(E)=2263.40, S=0.0674 FT./FT.
- PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN "B-10.20-00" WITH METAL FRAME; TYPE "2" HOOD AND FRAME AND TYPE "1" GRATE PER SPOKANE COUNTY STANDARD PLAN "B-10", AND "B-12" SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
- PROVIDE AND INSTALL TYPE "1" CATCH BASIN, TYPE "2" FRAME AND HOOD, AND TYPE "3" GRATE PER SPOKANE COUNTY STANDARD PLAN "B-4", "B-11", AND "B-14" SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.
- PROVIDE AND INSTALL W.S.D.O.T. 48" TYPE "2" CATCH BASIN PER W.S.D.O.T. STANDARD PLAN "B-10.20-00" WITH METAL FRAME; TYPE "2" HOOD AND FRAME AND TYPE "3" GRATE PER SPOKANE COUNTY STANDARD PLAN "B-11", AND "B-14" SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	394.00'	132.64'	66.95'	132.02'	191°7'20"
C2	765.00'	271.09'	136.98'	269.67'	201°8'12"
C3	30.00'	38.92'	22.74'	36.25'	74°19'50"
C4	30.00'	57.58'	42.82'	49.14'	109°58'04"
C5	30.00'	54.45'	38.40'	47.28'	104°00'01"
C6	30.00'	39.79'	23.44'	36.94'	78°00'00"
C7	30.00'	40.57'	24.07'	37.55'	77°29'24"
C8	30.00'	53.53'	37.20'	46.70'	102°13'50"
C9	30.00'	43.06'	26.19'	39.46'	82°14'07"
C10	30.00'	43.06'	26.19'	39.46'	82°14'07"
C11	250.00'	27.24'	13.63'	27.23'	61°4'35"

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.

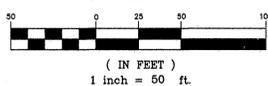


NAVD-88 DATUM MONUMENT ID NO. 3394, HWY 395, MP 167.35, CBN NO. GP32395-201 ELEVATION = 1748.382 SPIKE AT CENTERLINE OF HAVANA STREET AND 29TH AVENUE ELEVATION=2298.606	DEVELOPER'S APPROVAL _____ DATE _____	6/20/08 12/20/07	RECORD DRAWING BOND REDUCTION REQUEST by ALLWEST TESTING AND ENGINEERING SUBMITTAL TO SPOKANE COUNTY ENGINEERS PLAN PREPARATION	SCALE: HORIZONTAL: 1"=50' VERTICAL: 1"=10'	PROJ #: 2005-175 DATE: 12/10/06 DRAWN: MLM APPROVED: TRW	IWCE WHIPPLE CONSULTING ENGINEERS CIVIL AND TRANSPORTATION ENGINEERING 2528 NORTH SULLIVAN ROAD SPOKANE VALLEY, WASHINGTON 99216 PH: 509-893-2617 FAX: 509-926-0227	STREET AND DRAINAGE PLANS SOUTHRIDGE PUD, PHASE 1 LLOYD LANE STA. 36+79.28 TO STA. 48+41.73 SPOKANE COUNTY, WASHINGTON	SHEET 5 OF 9 JOB NUMBER 2005-175
	P-1938		EXPIRES 9/24/08		11/24/09		9/24/08	

P-1938 *As-Built*

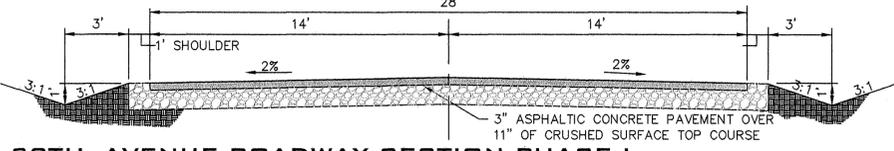
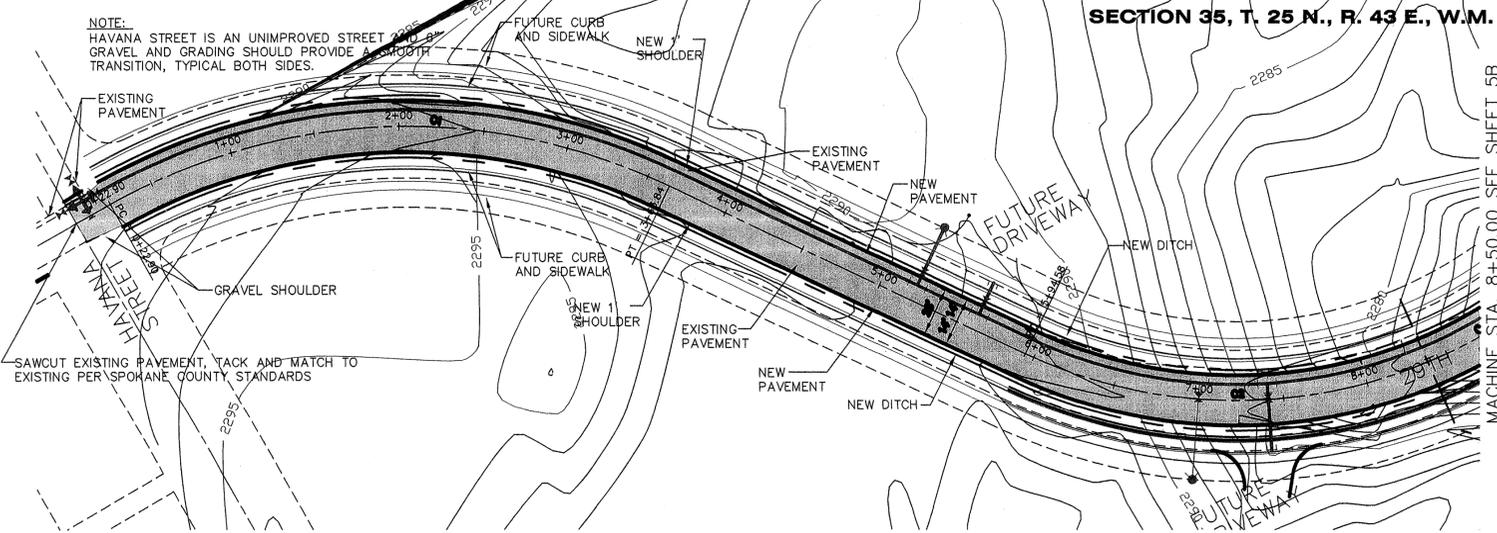
SECTION 35, T. 25 N., R. 43 E., W.M.

GRAPHIC SCALE

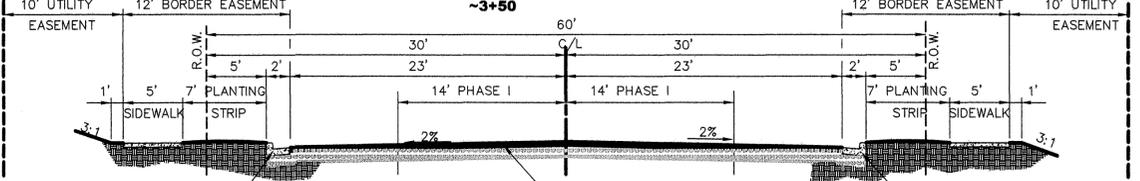


CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	358.10	340.94	184.63	328.21	54°33'00"
C2	286.48	578.34	455.51	485.01	115°40'00"
C3	286.48	305.58	169.14	291.30	61°07'00"

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

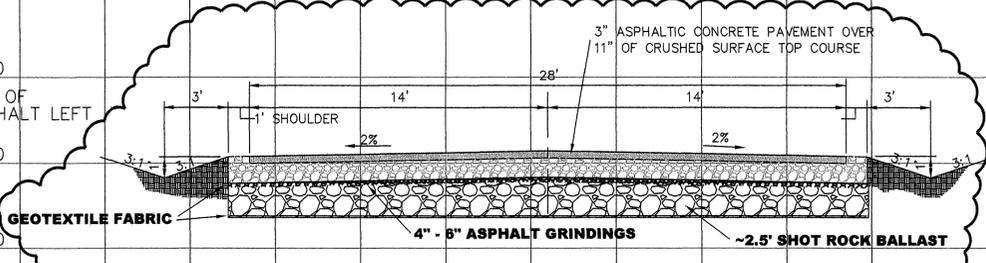
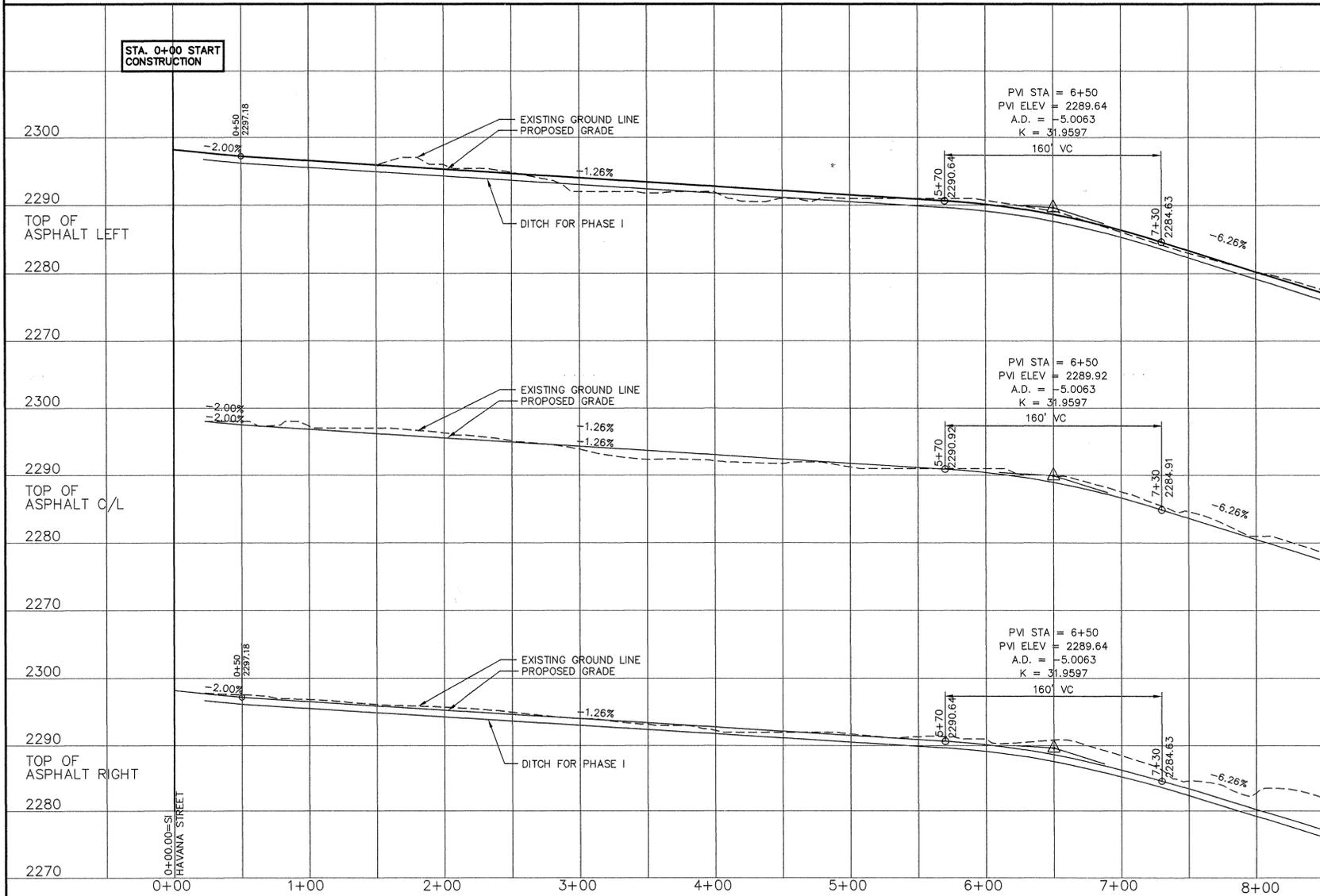


29TH. AVENUE ROADWAY SECTION PHASE I
NOT TO SCALE STA. 0+00 TO STA. 10+15



29TH. AVENUE ROADWAY SECTION PHASE II
NOT TO SCALE STA. 0+00 TO STA. 18+30

RECORD DRAWING



29TH. AVENUE ROADWAY SECTION PHASE I
NOT TO SCALE STA. 0+00 TO STA. ~3+50 (TYP)

OFFICIAL PUBLIC DOCUMENT ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P-19-38
DATE ACCEPTED: 6/27/08

PAUL J. NELSON
STATE OF WASHINGTON
PROFESSIONAL ENGINEER
71228
EXPIRES 11/24/09

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 PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
PROJECTS 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) 477-3800
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

TODD R. WHIPPLE
STATE OF WASHINGTON
PROFESSIONAL ENGINEER
25462
EXPIRES 9/24/08

NAVD-88 DATUM
MONUMENT ID NO. 3394, HWY 395,
MP 167.35, CBM NO. GP32395-201
ELEVATION = 1748.382
SPIKE AT CENTERLINE OF HAVANA
STREET AND 29TH AVENUE
ELEVATION = 2298.606

DEVELOPER'S APPROVAL _____ DATE _____

NO.	DATE	BY	REVISIONS
6/20/08	12/20/07	MEK	RECORD DRAWING BOND REDUCTION REQUEST
04/19	MLM		SUBMITTAL TO SPOKANE COUNTY ENGINEERS
			PLAN PREPARATION

SCALE:
HORIZONTAL:
1"=50'
VERTICAL:
1"=10'

PROJ #: 2005-175
DATE: 05/04/07
DRAWN: RLM
APPROVED: TRW

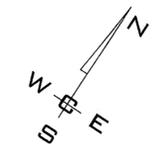
STREET AND DRAINAGE PLANS
SOUTHRIDGE PUD, PHASE 1
29TH. AVENUE STA. 0+00.00 TO STA. 8+50.00
SPOKANE COUNTY, WASHINGTON

SHEET
5A OF 9
JOB NUMBER
2005-175

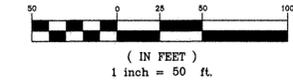
L:\2007-1541 Southridge Ph 1\dwg\ASBUILT STREET 5A.dwg, ST-29THA, 6/30/2008 9:10:43 AM, 11

P-1938 Eng As-Built

SECTION 35, T. 25 N., R. 43 E., W.M.

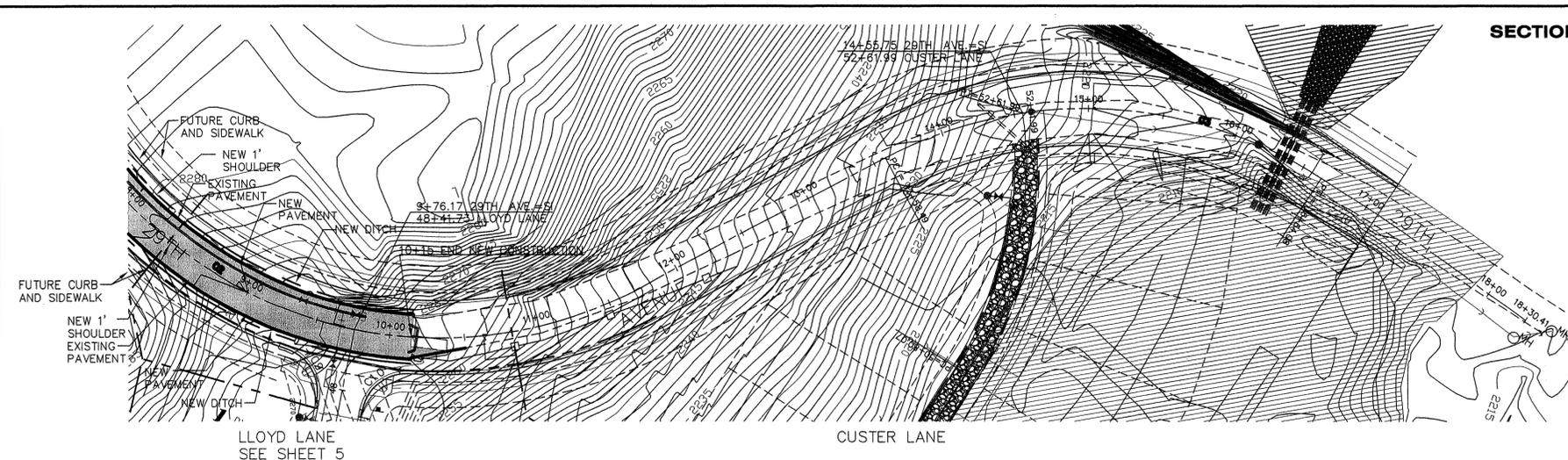


GRAPHIC SCALE



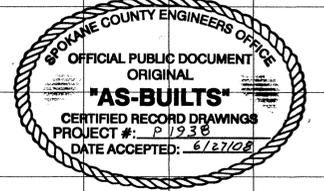
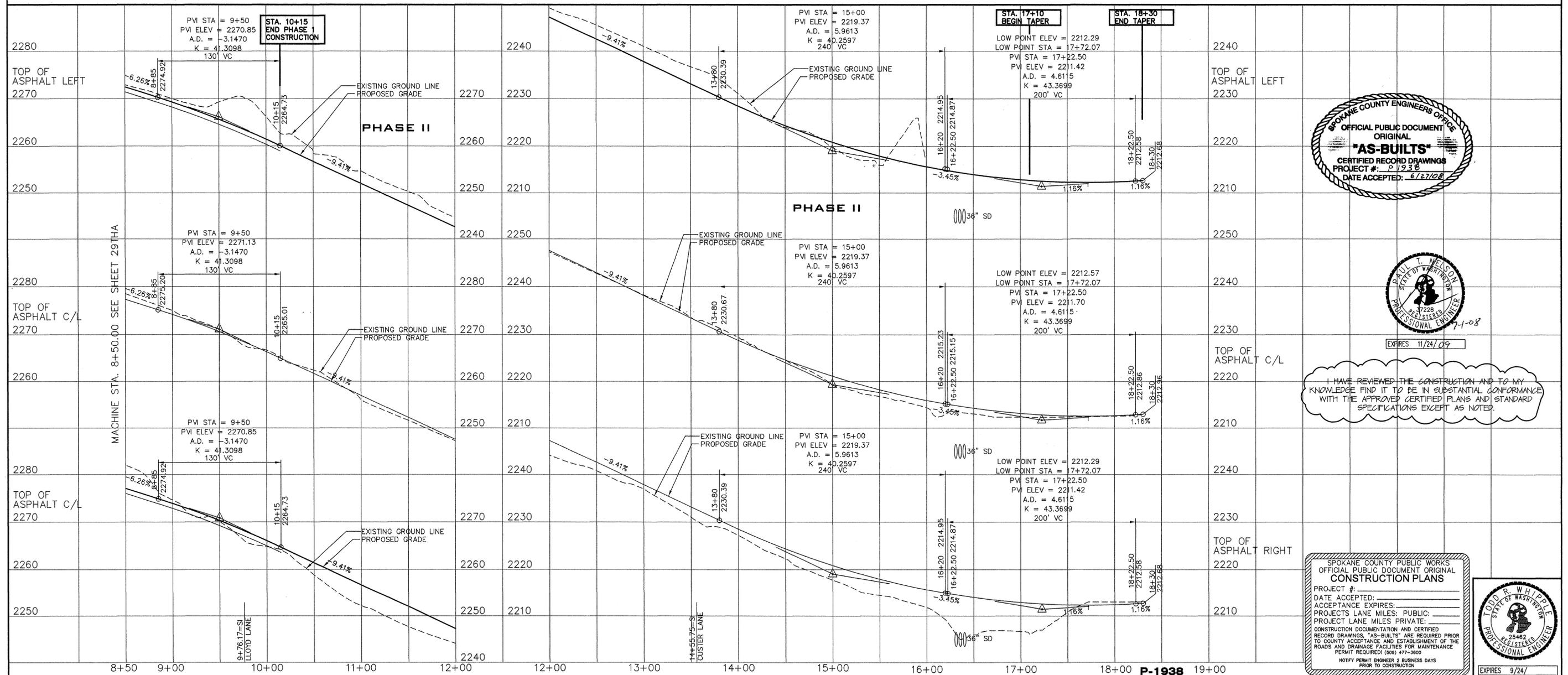
CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	358.10	340.94	184.63	328.21	54°33'00"
C2	286.48	578.34	455.51	485.01	115°40'00"
C3	286.48	305.58	169.14	291.30	61°07'00"

RECORD DRAWING



LLOYD LANE
SEE SHEET 5

CUSTER LANE



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 Public Works
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS

PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
PROJECTS 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



NAVD-88 DATUM
MONUMENT ID NO. 3394, HWY 395,
MP 167.35, CBM NO. GP32395-201
ELEVATION = 1748.382
SPIKE AT CENTERLINE OF HAVANA
STREET AND 29TH AVENUE
ELEVATION = 2298.606

DEVELOPER'S APPROVAL _____ DATE _____

NO.	DATE	BY	REVISIONS
1	9/20/08	RLM	RECORD DRAWING
2	12/20/07	MLM	BOND REDUCTION REQUEST
3	04/19	MLM	by ALLWEST TESTING AND ENGINEERING SUBMITTAL TO SPOKANE COUNTY ENGINEERS PLAN PREPARATION

SCALE:
HORIZONTAL:
1"=50'
VERTICAL:
1"=10'

PROJ #: 2005-175
DATE: 05/04/07
DRAWN: RLM
APPROVED: TRW



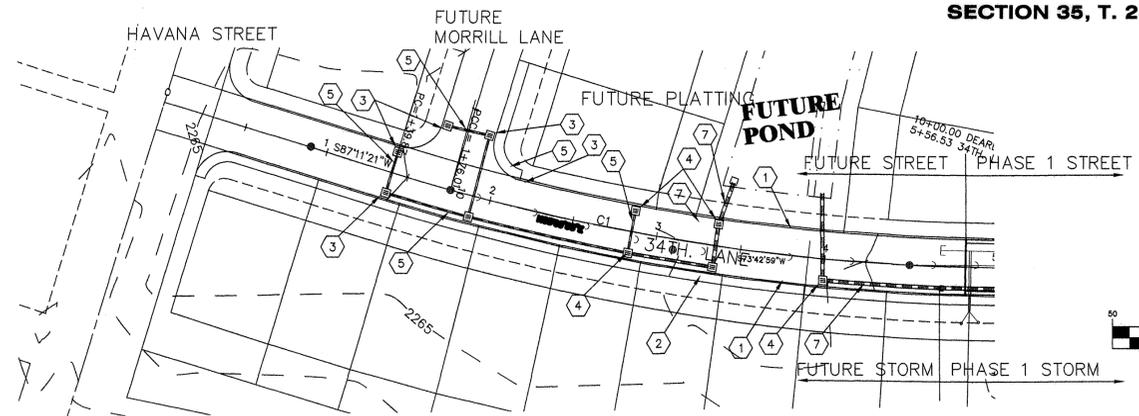
STREET AND DRAINAGE PLANS
SOUTHRIDGE PUD, PHASE 1
29TH AVENUE STA. 8+50.00 TO STA. 18+30.00
SPOKANE COUNTY, WASHINGTON

SHEET
5B OF 9
JOB NUMBER
2005-175

P-1938 Eng. As Built

L:\207-1547 Southridge Ph. 1\dwg\ASBUILT STREET 5B.dwg, ST-29THB, 6/30/2008 9:11:14 AM, 1:1

SECTION 35, T. 25 N., R. 43 E., W.M.



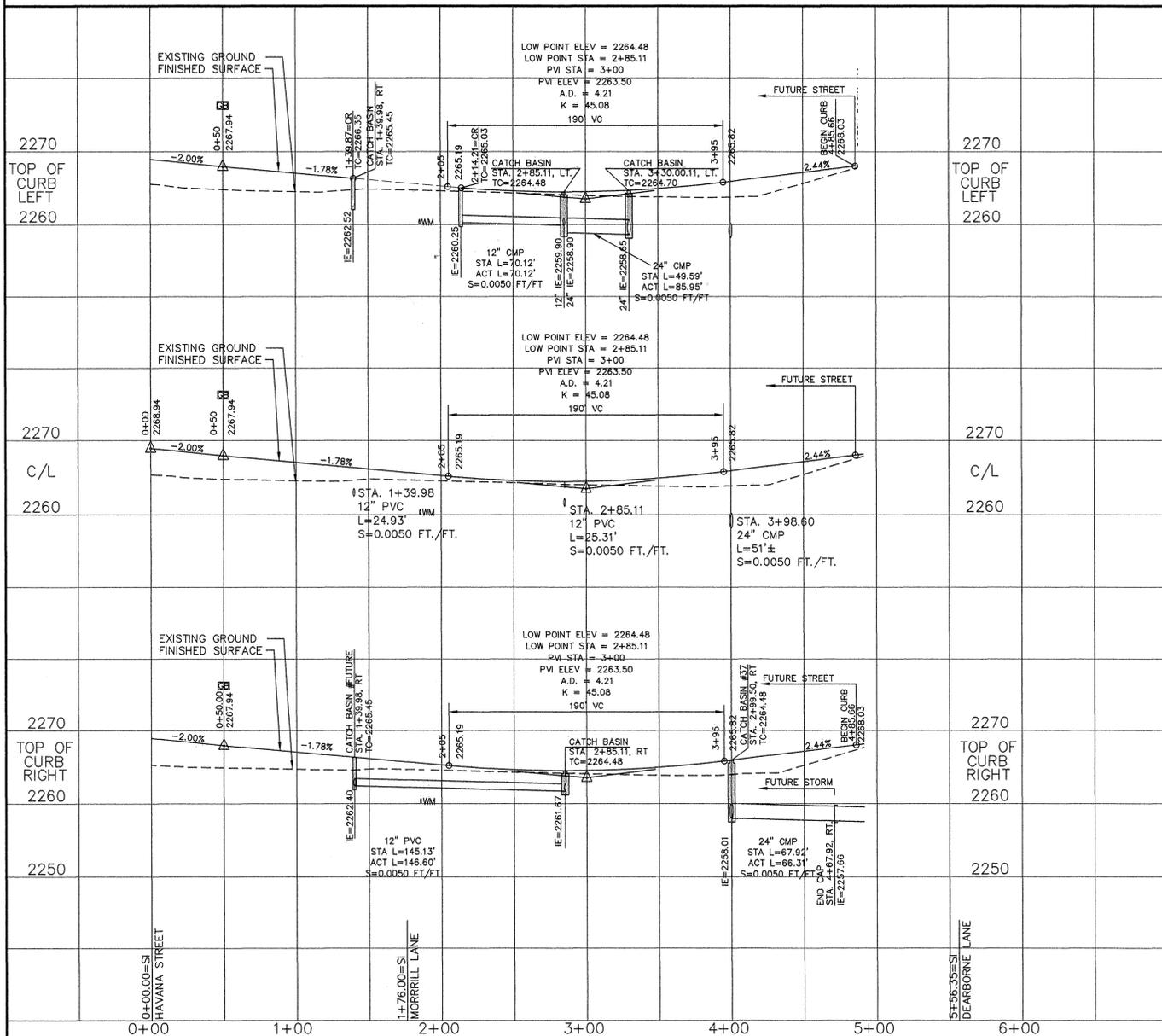
CONSTRUCTION NOTES

- ① TYPE "R" CURB
- ② 6 FT. SIDEWALK
- ③ TYPE "1" CATCH BASIN, TYPE "2" FRAME AND HOOD, AND TYPE "1" GRATE
- ④ W.S.D.O.T. 48" TYPE "2" CATCH BASIN B-10.20-00 WITH TYPE "1" METAL FRAME AND GRATE.
- ⑤ 12" PVC STORM DRAIN PIPE.
- ⑥ NOT USED.
- ⑦ 24" CMP STORM DRAIN PIPE.

RECORD DRAWING

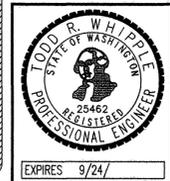
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	1233.00	42.75	21.38	42.74	1°59'11"
C2	30.00	43.46	26.54	39.75	82°59'39"
C3	30.00	54.49	38.45	47.31	104°04'37"
C4	30.00	38.92	22.74	36.25	74°19'50"
C5	30.00	57.58	42.82	49.14	109°58'04"



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.

OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
PROJECTS LANE MILES: PUBLIC: _____ 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



NAVD-88 DATUM
MONUMENT ID NO. 3394, HWY 395,
MP 167.35, CBM NO. GP32395-201
ELEVATION = 1748.982
SPIKE AT CENTERLINE OF HAVANA
STREET AND 29TH AVENUE
ELEVATION=2298.606

DEVELOPER'S APPROVAL _____ DATE _____

NO.	DATE	BY	REVISIONS
6/20/08			RECORD DRAWING
12/20/07			BOND REDUCTION REQUEST
			by ALLWEST TESTING AND ENGINEERING
			SUBMITTAL TO SPOKANE COUNTY ENGINEERS
03/31		MLM	PLAN PREPARATION

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

PROJ #: 2005-175
DATE: 12/16/06
DRAWN: MLM
APPROVED: TRW



P-1938
STREET AND DRAINAGE PLANS
SOUTHRIDGE PUD, PHASE 1
FUTURE 34TH. LANE STA. 0+00 TO STA. 4+85.66
SPOKANE COUNTY, WASHINGTON

SHEET 6 OF 9
JOB NUMBER 2005-175

P.1938 EngAs Built

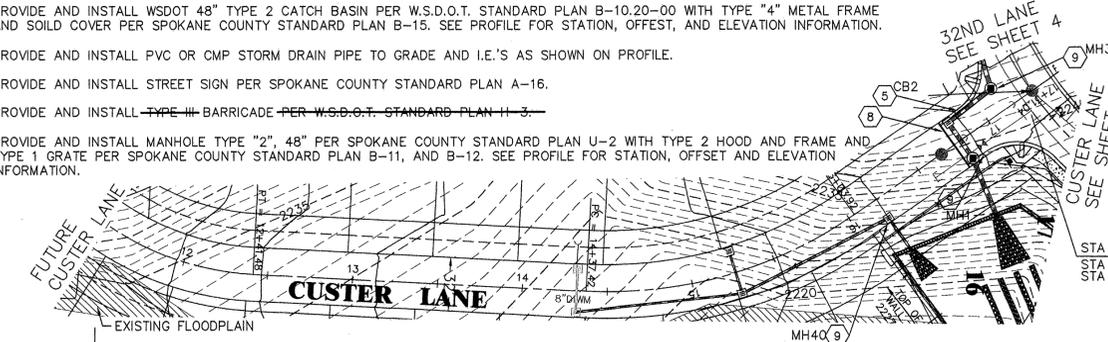
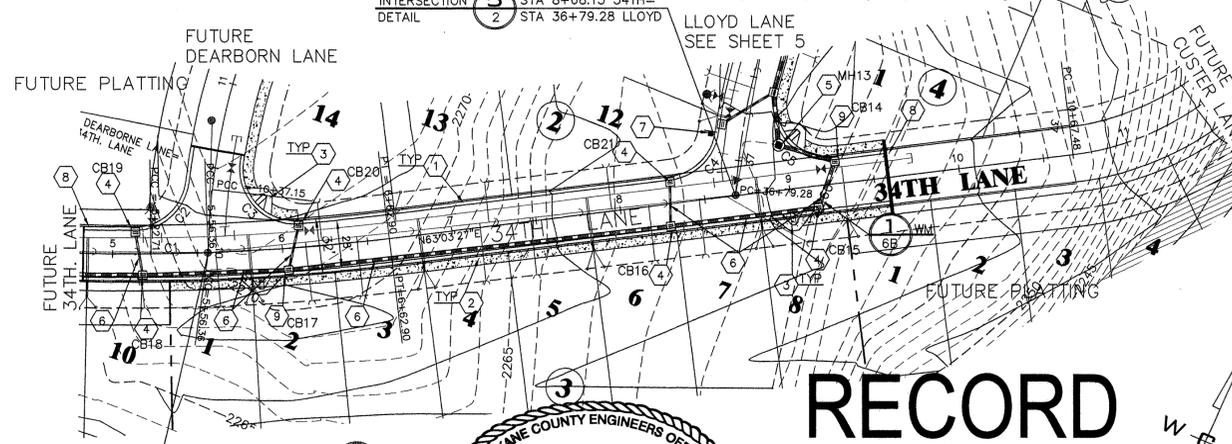
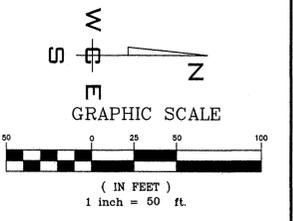
SECTION 35, T. 25 N., R. 43 E., W.M.
 INTERSECTION 5 STA 8+68.13 34TH= LLOYD LANE
 INTERSECTION 2 STA 36+79.28 LLOYD

CONSTRUCTION NOTES

- 1 PROVIDE AND INSTALL TYPE "R" CURB PER DETAIL 1 SHEET 2.
- 2 PROVIDE AND INSTALL 6 FT. SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-1.
- 3 PROVIDE AND INSTALL CURB RAMP DESIGN "A" PER SPOKANE COUNTY STANDARD PLAN A-5.
- 4 PROVIDE AND INSTALL TYPE "1" CATCH BASIN, TYPE "2" FRAME AND HOOD, AND TYPE "1" GRATE PER SPOKANE COUNTY STANDARD PLAN "B-4", "B-11", AND "B-12". SEE DETAIL 2 SHEET 2 AND PROFILE THIS SHEET FOR STATION, OFFSET, AND ELEVATION INFORMATION.
- 5 PROVIDE AND INSTALL WSDOT 48" TYPE 2 CATCH BASIN PER W.S.D.O.T. STANDARD PLAN B-10-20-00 WITH TYPE "4" METAL FRAME AND SOLID COVER PER SPOKANE COUNTY STANDARD PLAN B-15. SEE PROFILE FOR STATION, OFFSET, AND ELEVATION INFORMATION.
- 6 PROVIDE AND INSTALL PVC OR CMP STORM DRAIN PIPE TO GRADE AND I.E.'S AS SHOWN ON PROFILE.
- 7 PROVIDE AND INSTALL STREET SIGN PER SPOKANE COUNTY STANDARD PLAN A-16.
- 8 PROVIDE AND INSTALL TYPE III BARRICADE PER W.S.D.O.T. STANDARD PLAN H-3.
- 9 PROVIDE AND INSTALL MANHOLE TYPE "2", 48" PER SPOKANE COUNTY STANDARD PLAN U-2 WITH TYPE 2 HOOD AND FRAME AND TYPE 1 GRATE PER SPOKANE COUNTY STANDARD PLAN B-11, AND B-12. SEE PROFILE FOR STATION, OFFSET AND ELEVATION INFORMATION.

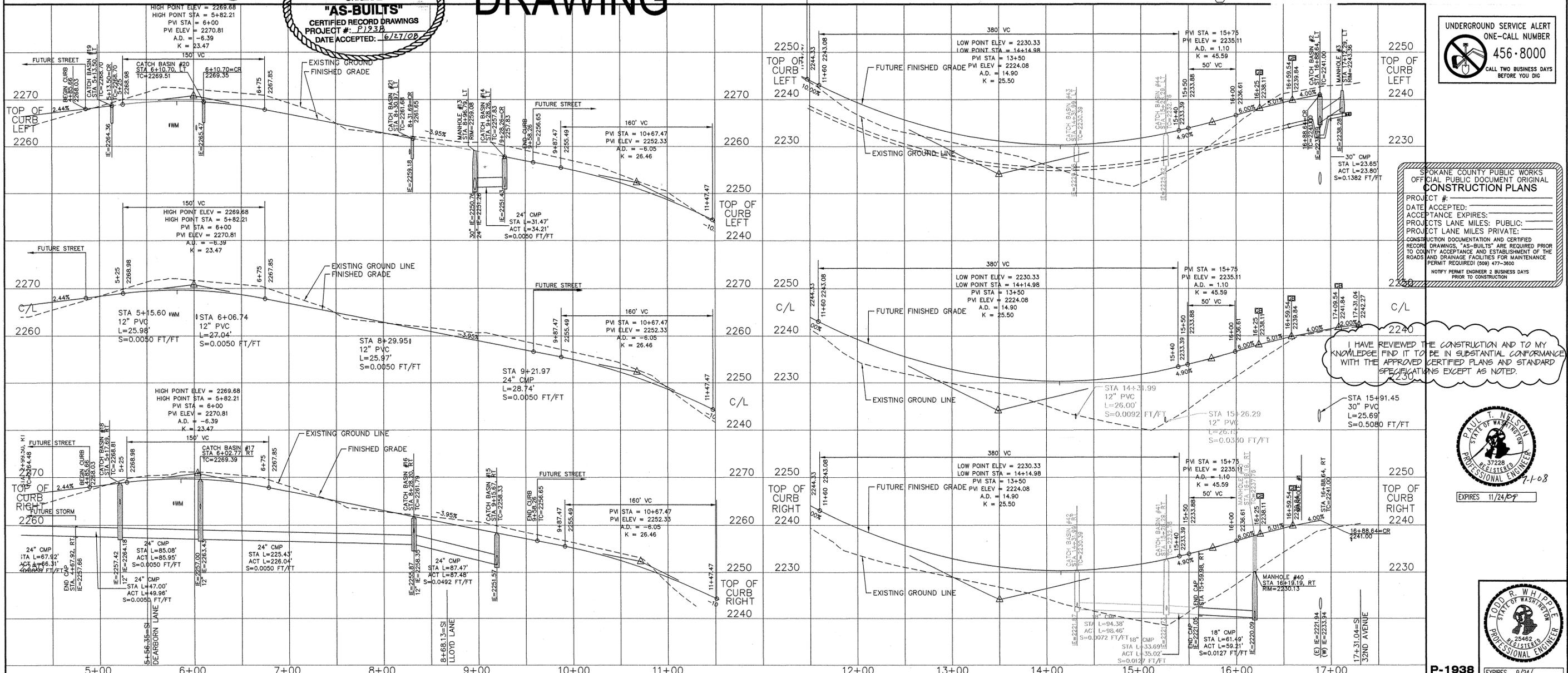
CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
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C3	30.00	54.49	38.45	47.31	104°04'37"
C4	30.00	38.92	22.74	36.25	74°19'50"
C5	30.00	57.58	42.82	49.14	109°58'04"



RECORD DRAWING

SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
"AS-BUILTS"
 CERTIFIED RECORD DRAWINGS
 PROJECT # - P1938
 DATE ACCEPTED: 6/17/08



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

SPOKANE COUNTY PUBLIC WORKS
 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.

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.

PAUL T. NELSON
 STATE OF WASHINGTON
 REGISTERED PROFESSIONAL ENGINEER
 37228
 EXPIRES 11/24/09

TODD R. WHIPPLE
 STATE OF WASHINGTON
 REGISTERED PROFESSIONAL ENGINEER
 25462
 EXPIRES 9/24/10

NAVD-88 DATUM
 MONUMENT ID NO. 3394, HWY 395,
 MP 167.35, CBM NO. GP32395-201
 ELEVATION = 1748.382
 SPIKE AT CENTERLINE OF HAVANA
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 ELEVATION = 2298.606

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03/31		MLM	PLAN PREPARATION

SCALE:
 HORIZONTAL: 1"=50'
 VERTICAL: 1"=10'

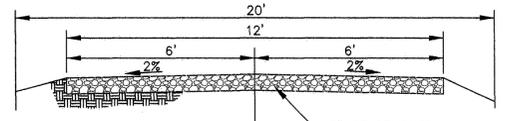
PROJ #: 2005-175
DATE: 12/18/06
DRAWN: MLM
APPROVED: TRW

WCE
 WHIPPLE CONSULTING ENGINEERS
 CIVIL AND TRANSPORTATION ENGINEERING
 3828 NORTH SULLIVAN ROAD
 SPOKANE VALLEY, WASHINGTON 99216
 PH: 509-893-2617 FAX: 509-926-0227

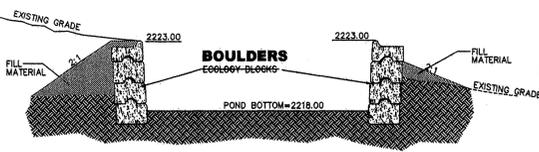
STREET AND DRAINAGE PLANS
SOUTHRIDGE PUD, PHASE 1
34TH LANE - FUTURE CUSTER
STA. 4+85.66 TO STA. 9+58.26
SPOKANE COUNTY, WASHINGTON

SHEET
6A OF 9
 JOB NUMBER
2005-175

P-1938 Eng. As Built



ACCESS ROAD CROSS SECTION
NOT TO SCALE

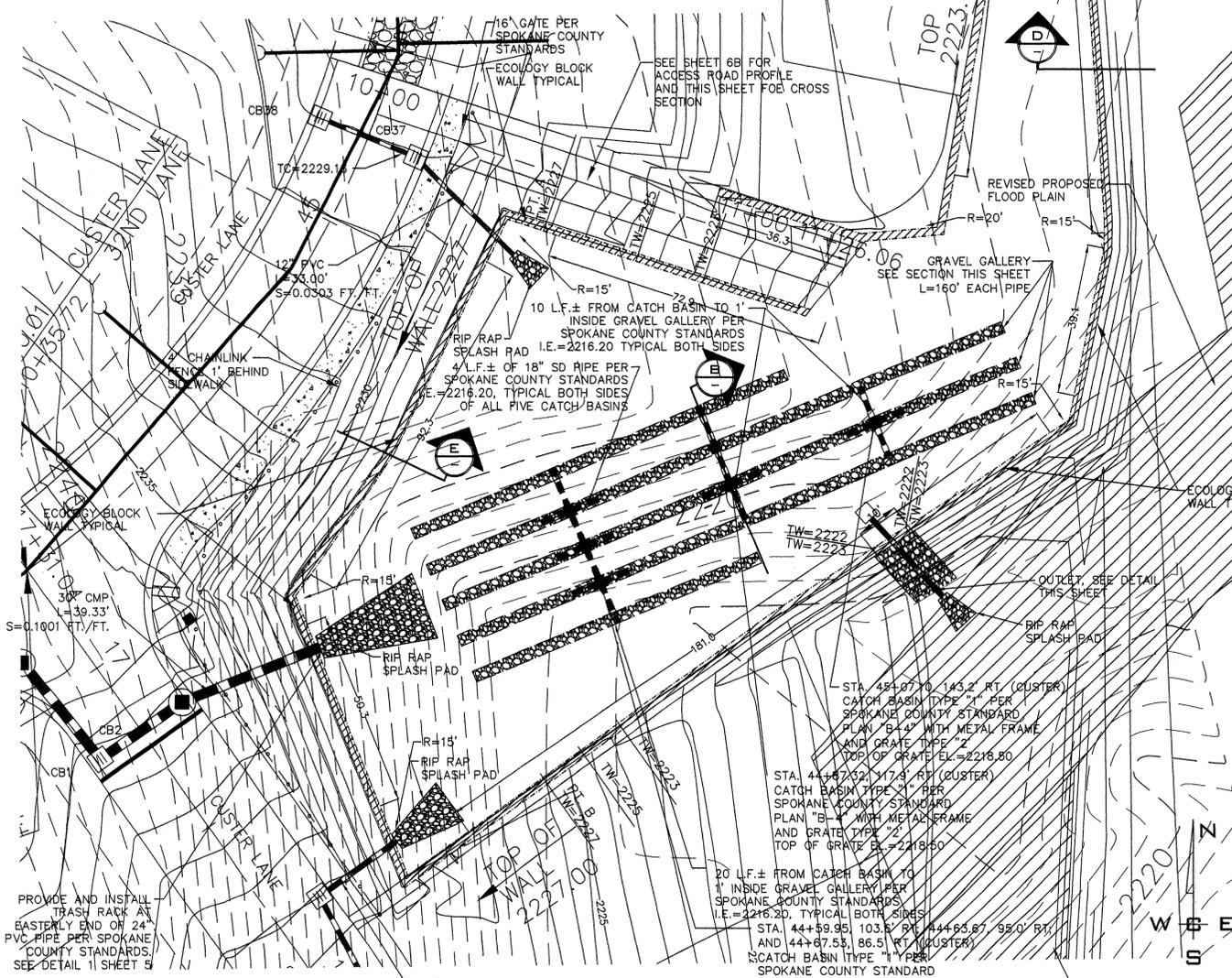


POND BOTTOM SECTION
NOT TO SCALE

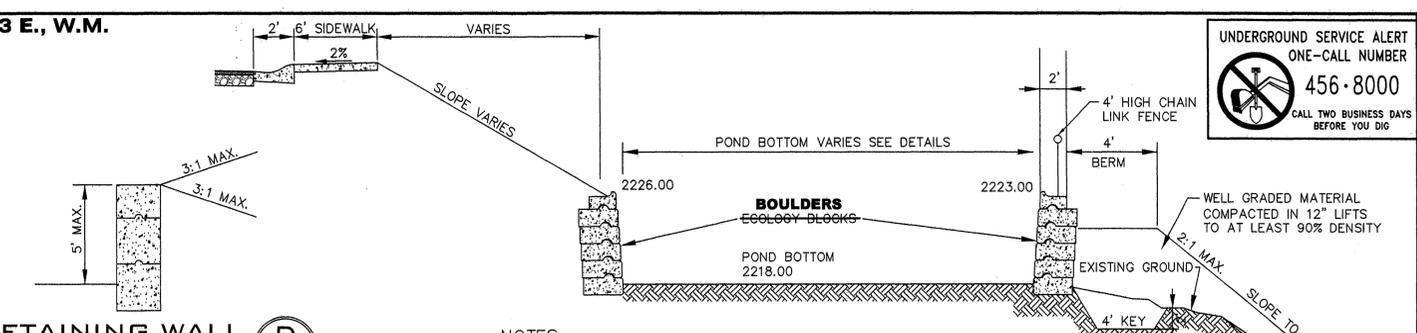


RECORD DRAWING

**BOULDER RETAINING WALL CONSTRUCTED
POND NOT SEEDED AT TIME OF CERTIFICATION
AS-BUILT AREA PROVIDED = 20,090 SF
AREA REQUIRED = 19,120 SF**



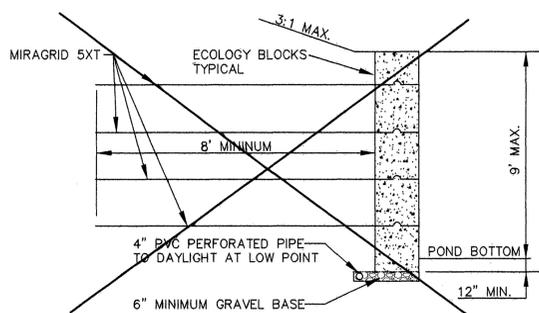
POND DETAIL
SCALE: 1" = 20'



TYPICAL POND SECTION
NOT TO SCALE

NOTES:

- GENERAL REFERENCE FIGURE 47, PAGE 6-83 OF SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT.
- BOTTOM OF POND AND NON-BERM AREAS OF POND SHALL BE PLANTED WITH NATIVE-TYPE GRASSES ACCLIMATED TO ARID CONDITIONS, (DRYLAND GRASSES). SEE NOTE BELOW.
- THE BASE OF THE BERM SHALL BE FIRM, UNYIELDING SUBGRADE, FREE OF ORGANICS AND FILL MATERIAL.
- STANDARD DENSITY SHALL BE IN ACCORDANCE WITH A.S.T.M. D-1557.



RETAINING WALL
NOT TO SCALE

POND A

BOTTOM ELEVATION	= 2218.00
BOTTOM AREA PROV.	= 21,790 S.F.
TOP OF WALL ELEVATION	= VARIES 2222.00 TO 2226

NOTE:

GRASS SEED: PROVIDE FRESH, CLEAN, NEW-CROP SEED COMPLYING WITH TOLERANCE OF PURITY AND GERMINATION ESTABLISHED BY THE OFFICIAL SEED ANALYSIS OF NORTH AMERICAN. PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES AND PERCENTAGES AS FOLLOWS:

10 PER CENT	ELKA PERENNIAL RYE
20 PER CENT	DURAR HARD FESCUE
45 PER CENT	COVAR SHEEP/FESCUE
15 PER CENT	REUBENS CANADIAN BLUEGRASS

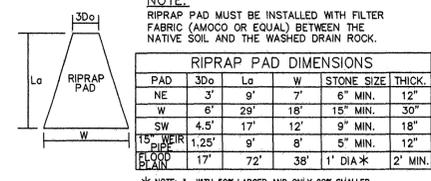
PROVIDE MIXTURE COMPOSED OF GRASS SEED AND FERTILIZER IN PERCENTAGES AS FOLLOWS:

GRASS SEED: 90 LBS. PER ACRE
FERTILIZER: 16-16-16 TIMED RELEASE COMPOSITION, 300 LBS. PER ACRE

ALL SEEDING OF SLOPES SHALL BE DONE IN ACCORDANCE WITH THE W.S.D.O.T. STANDARD SPECIFICATIONS, SECTION 8-01.

LINE TABLE

LINE	LENGTH	BEARING
L1	2.68'	N82°34'02"W
L2	76.29'	S07°26'53"W
L3	97.74'	S10°10'58"W
L4	20.20'	S85°09'39"W
L5	24.79'	S38°09'36"W
L6	68.40'	N11°48'37"E
L7	67.34'	S25°45'26"W
L8	44.28'	S34°57'19"W
L9	77.31'	S21°49'33"E
L10	118.59'	N54°14'56"E
L11	87.57'	N57°08'52"E
L12	45.23'	N11°27'53"E
L13	7.26'	N00°51'23"E
L14	168.31'	N03°52'07"W

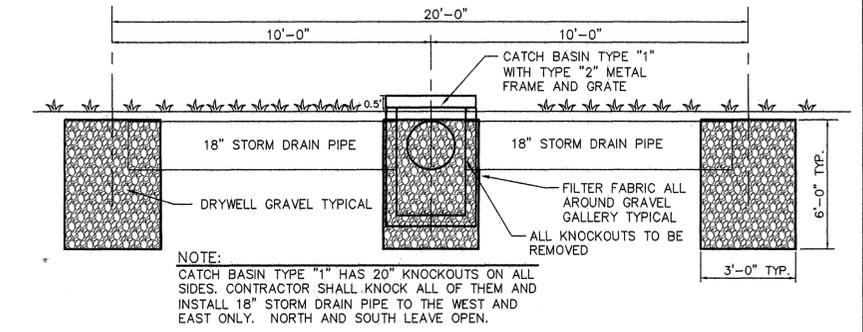


TYPICAL RIPRAP PAD
NOT TO SCALE

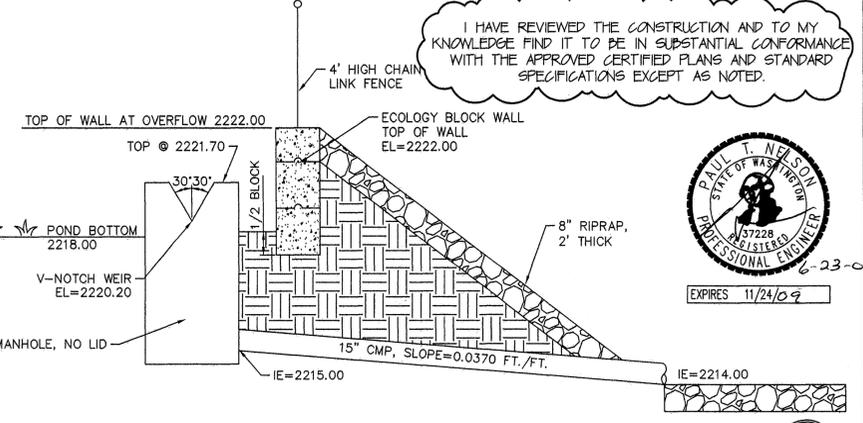
NOTE:
RIPRAP PAD MUST BE INSTALLED WITH FILTER FABRIC (AMOCO OR EQUAL) BETWEEN THE NATIVE SOIL AND THE WASHED DRAIN ROCK.

RIPRAP PAD DIMENSIONS			
PAD	30a	La	W
NE	3'	9'	7'
W	6'	29'	18'
SW	4.5'	17'	12'
15" WEIR	1.25'	9'	8'
FLOOD BERM	17'	72'	38'

*NOTE: 1. WITH 50% LARGER AND ONLY 20% SMALLER



SECTION
NOT TO SCALE



OUTLET DETAIL
NOT TO SCALE

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 PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
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PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION



NAVD-88 DATUM
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			SUBMITTAL TO SPOKANE COUNTY ENGINEERS
09/31		MLM	PLAN PREPARATION

SCALE:
HORIZONTAL: AS SHOWN
VERTICAL: N/A

PROJ #: 2005-175
DATE: 12/18/06
DRAWN: MLM
APPROVED: TRW



STREET AND DRAINAGE PLANS
SOUTHRIDGE PUD, PHASE 1
POND DETAILS
SPOKANE COUNTY, WASHINGTON

SHEET
7 OF 9
JOB NUMBER
2005-175

P-1938 EngAsBults

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. SEE DETAIL 2 THIS SHEET.
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: LANZCE DOUGLASS, INC
APPLICANT: LANZCE DOUGLASS
CONTACT PERSON ON SITE: CLIFF CAMERON
9. PROJECT LOCATION: IN SPOKANE COUNTY, EAST OF HAVANA STREET AND SOUTH OF 29TH. AVENUE IN SECTION 35, TOWNSHIP 25N., RANGE 43 E.W.M.
10. PROJECT DESCRIPTION: SOUTHRIDGE P.U.D. PHASE 1, IS A RESIDENTIAL SUBDIVISION CONSISTING OF 50 LOTS AND WILL REQUIRE CONSTRUCTION OF SEWER, WATER, ROADS, AND STORM DRAINAGE. THE IMPROVEMENTS CONSIST OF APPROXIMATELY 3,600 LINEAR FEET OF DRAINAGE AND ELECTRICAL FACILITIES, 3,600 LINEAR FEET OF NEW PRIVATE STREETS 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: LONG GRASS AND TREES.
13. PLAN PREPARATION DATE: APRIL 1, 2006.
14. SOILS: ON SITE SOILS, (McB) MARBLE SANDY LOAM, (McC) MARBLE LOAMY SAND, (Hsb) HESSELTINE STONY SILT LOAM, AND (CA) CALDWELL SILT LOAM.
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 SEED 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.
18. ONSITE GRADING SHALL BE IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND E.S.C. PLAN. ANY IMPORT OR EXPORT OF MATERIAL SHALL BE FROM A PREAPPROVED SOURCE/DESTINATION AND COORDINATED WITH THE SPOKANE COUNTY DEPARTMENT OF BUILDING AND PLANNING AT 509-477-3675. GRADING ON THIS SITE OR ANY OTHER SITE MUST COMPLY WITH ALL DEVELOPMENT REGULATIONS INCLUDING, BUT NOT LIMITED TO, GRADING PERMITS, S.E.P.A. REVIEW, TIMBER HARVEST PERMITS, CRITICAL AREAS, FLOODPLAINS, DESIGNATED DRAINAGEWAYS, ETC.

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 SEED.
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

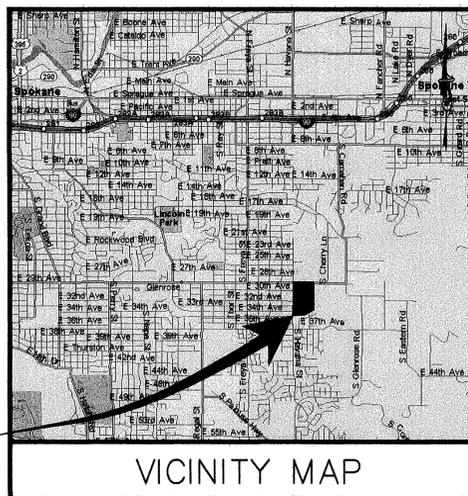
EROSION CONTROL PLAN FOR SOUTHRIDGE PUD, PHASE 1

SEC. 35, T.25 N., R.43 E.W.M.
SPOKANE COUNTY, WASHINGTON

RECORD DRAWING

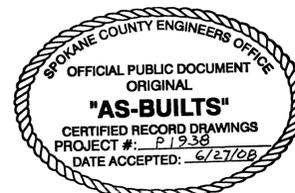
GENERAL NOTES

1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED SITE WORK STANDARDS AND THE STANDARDS AND SPECIFICATIONS SET FORTH IN SPOKANE COUNTY REGULATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK WITHIN PUBLIC R.O.W. OR EASEMENTS SHALL BE INSPECTED AND APPROVED BY THE SPOKANE COUNTY INSPECTOR. INSPECTION SERVICES AND CONSTRUCTION CERTIFICATION TO BE PROVIDED BY 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 THE 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 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 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 THE 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.
20. ONSITE GRADING SHALL BE IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND E.S.C. PLAN. ANY IMPORT OR EXPORT OF MATERIAL SHALL BE FROM A PREAPPROVED SOURCE/DESTINATION AND COORDINATED WITH THE SPOKANE COUNTY DEPARTMENT OF BUILDING AND PLANNING AT 509-477-3675. GRADING ON THIS SITE OR ANY OTHER SITE MUST COMPLY WITH ALL DEVELOPMENT REGULATIONS INCLUDING, BUT NOT LIMITED TO, GRADING PERMITS, S.E.P.A. REVIEW, TIMBER HARVEST PERMITS, CRITICAL AREAS, FLOODPLAINS, DESIGNATED DRAINAGEWAYS, ETC.



SITE

VICINITY MAP



COUNTY ENGINEER
SPOKANE COUNTY ENGINEERS
1026 WEST BROADWAY AVENUE
SPOKANE, WASHINGTON 99260
PHONE: 509-477-3600
FAX: 509-477-7478
CONTACT: MATT ZARECOR, P.E.

FIRE DEPARTMENT
FIRE DISTRICT NO. 8
12100 E. PALOUSE HIGHWAY
VALLEYFORD, WA 99036
PHONE: 509-926-6699
FAX: 509-924-8358
CONTACT: DAN BLYSTONE

WATER PURVEYOR
CITY OF SPOKANE
914 N. FOOTHILLS
SPOKANE, WASHINGTON 99207
PHONE: 509-625-7800
FAX: 509-625-7816
CONTACT: CHRIS PETERSCHMIDT, P.E.

SURVEYOR
CLIFF CAMERON
P.O. BOX 641
COLBERT WASHINGTON 99005
PHONE: 509-467-0148
CONTACT: CLIFFORD E. CAMERON, P.L.S.

SEWER
CITY OF SPOKANE
808 W. SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201
PHONE: 509-625-6300
FAX: 509-625-6700
CONTACT: KRIS BECKER, P.E.

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

CABLE
COMCAST BROADBAND
1717 EAST BUCKEYE
SPOKANE, WASHINGTON, 99207
PHONE: 509-484-4931
CONTACT: BRYAN RICHARDSON

INSPECTION
ALLWEST
EAST 12928 INDIANA AVENUE
SPOKANE VALLEY, WA 99216
PHONE: 509-534-4411
FAX: 509-534-9326
CONTACT: PAUL T. NELSON, P.E.

POWER
AVISTA UTILITIES
1411 EAST MISSION AVENUE
SPOKANE, WA 99220
PHONE: 509-495-4774
FAX: 509-495-8713
CONTACT: CHRIS FRACZ

NATURAL GAS
AVISTA UTILITIES
1411 EAST MISSION AVENUE
SPOKANE, WA 99220
PHONE: 509-495-4774
FAX: 509-495-8713
CONTACT: LOIS McCAIN

SOLID WASTE
WASTE MANAGEMENT
PHONE: 509-466-3400

ENGINEER
WHIPPLE CONSULTING ENGINEERS
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WA 99216
PHONE: 509-893-2617
FAX: 509-926-0227
CONTACT: TODD R. WHIPPLE, P.E.

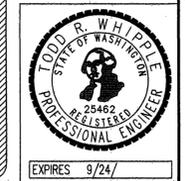
OWNER
LANZCE DOUGLASS, INC
1402 E. MAGNESIUM ROAD
SPOKANE, WA 99217
PHONE: 509-483-4966
FAX: 509-483-6532
CONTACT: LANZCE DOUGLASS

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 THE SPOKANE COUNTY ENGINEER. I APPROVE THESE PLANS FOR CONSTRUCTION.

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 PUBLIC WORKS
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
PROJECTS 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 PRIOR TO CONSTRUCTION.



NAV D-88 DATUM
MONUMENT ID NO. 3394, HWY 395,
MP 167.35, CBM NO. GP32395-201
ELEVATION = 1748.382
SPIKE AT CENTERLINE OF HAVANA
STREET AND 29TH. AVENUE
ELEVATION = 2298.606

6/20/08	RECORD DRAWING		
12/20/07	BOND REDUCTION REQUEST		
	by ALLWEST TESTING AND ENGINEERING		
	SUBMITTAL TO SPOKANE COUNTY ENGINEERS		
03/31	MLM PLAN PREPARATION		
NO.	DATE	BY	REVISIONS

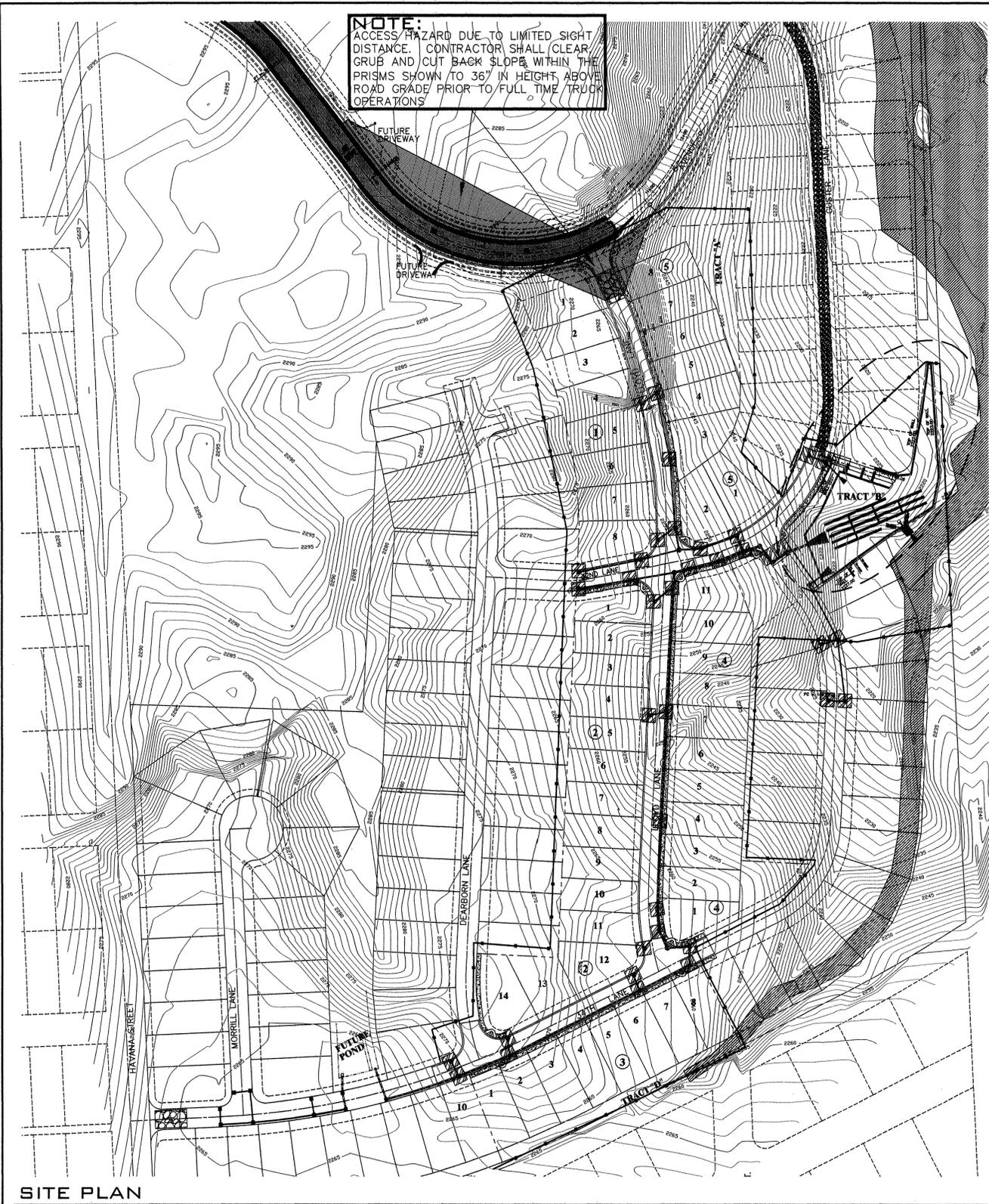
SCALE:	PROJ #:	2005-175
HORIZONTAL:	DATE:	12/18/06
N.T.S.	DRAWN:	MLM
VERTICAL:	APPROVED:	TRW
N/A		

WCE
WHIPPLE CONSULTING ENGINEERS
CIVIL AND TRANSPORTATION ENGINEERING
2528 NORTH SULLIVAN ROAD
SPOKANE VALLEY, WASHINGTON 99216
PH: 509-893-2617 FAX: 509-926-0227

P-1938
STREET AND DRAINAGE PLANS
SOUTHRIDGE PUD, PHASE 1
EROSION CONTROL PLAN
SPOKANE COUNTY, WASHINGTON

SHEET
8 OF 9
JOB NUMBER
2005-175

P-1938 Eng As Built



SITE PLAN
SCALE: 1" = 100'

SECTION 35, T. 25 N., R. 43 E., W.M.

RECORD DRAWING

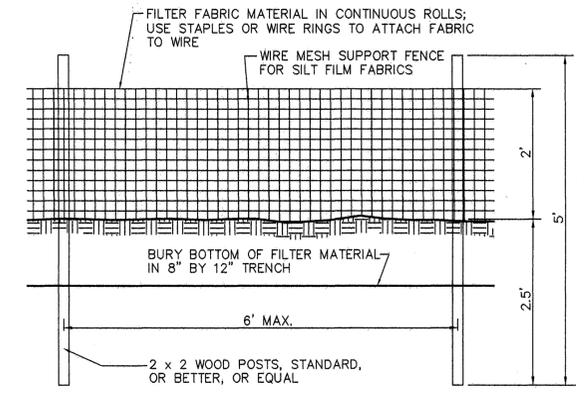


LEGEND

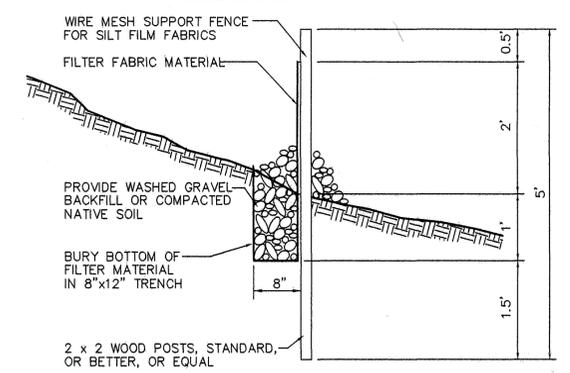
- STORM DRAINAGE POND - NO CONCRETE TRUCK WASHOUT. SEE GENERAL NOTES 4 AND 7.
- GRAVEL AND WIRE MESH INLET SEDIMENT FILTER. SEE DETAIL 2, THIS SHEET.
- SILT FENCE. SEE DETAIL 1 AND GENERAL NOTE 5.
- ROCK CONSTRUCTION ENTRY. SEE DETAIL 2 AND GENERAL NOTE 6.



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.



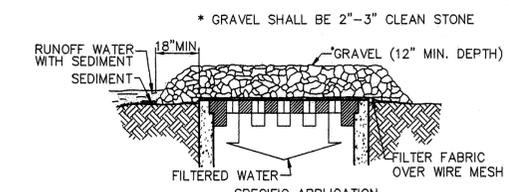
ELEVATION



SECTION

SILT FENCE DETAIL

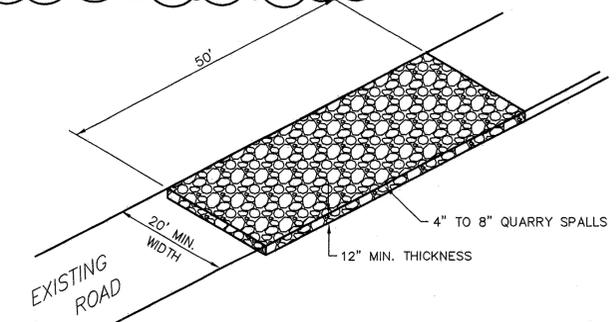
NOT TO SCALE



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



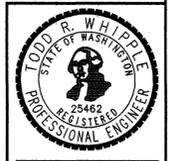
ROCK CONSTRUCTION ENTRY

NOT TO SCALE

SPokane County Public Works
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS

PROJECT #: _____
DATE ACCEPTED: _____
ACCEPTANCE EXPIRES: _____
PROJECTS 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) 477-3800
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION.



NAVD-88 DATUM
MONUMENT ID NO. 3394, HWY 395,
MP 167.35, CBM NO. GP32395-201
ELEVATION = 1748.382
SPIKE AT CENTERLINE OF HAVANA,
STREET AND 29TH AVENUE
ELEVATION = 2298.606

DEVELOPER'S APPROVAL _____

DATE _____

NO.	DATE	BY	REVISIONS
	6/20/08		RECORD DRAWING
	12/20/07		BOND REDUCTION REQUEST
			by ALLWEST TESTING AND ENGINEERING
			SUBMITTAL TO SPOKANE COUNTY ENGINEERS
	09/31	MLM	PLAN PREPARATION

SCALE:
HORIZONTAL: AS SHOWN
VERTICAL: N/A

PROJ #: 2005-175
DATE: 12/18/06
DRAWN: MLM
APPROVED: TRW



P-1938

**STREET AND DRAINAGE PLANS
SOUTHRIDGE PUD, PHASE 1
EROSION CONTROL DETAILS
SPOKANE COUNTY, WASHINGTON**

**SHEET
9 OF 9**
JOB NUMBER
2005-175

P-1938 Eng As Built