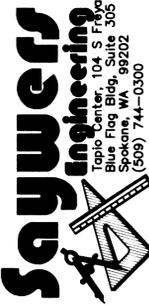


COVER SHEET FOR JESSE'S BLUFF 3rd ADDITION

STREET AND DRAINAGE CONSTRUCTION PLANS

SEC. 13, T.26 N., R.42 E., W.M.
SPOKANE COUNTY, WASHINGTON

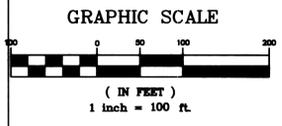
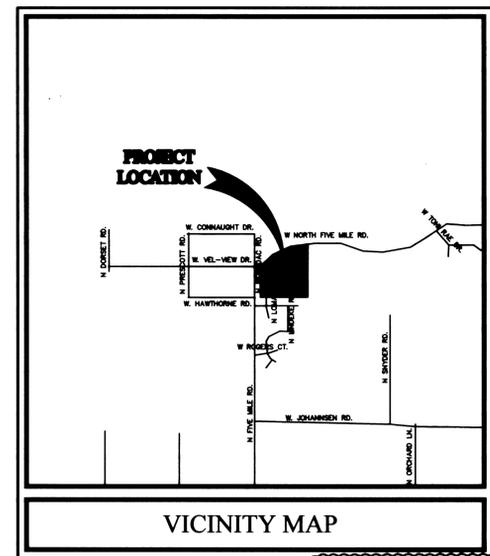
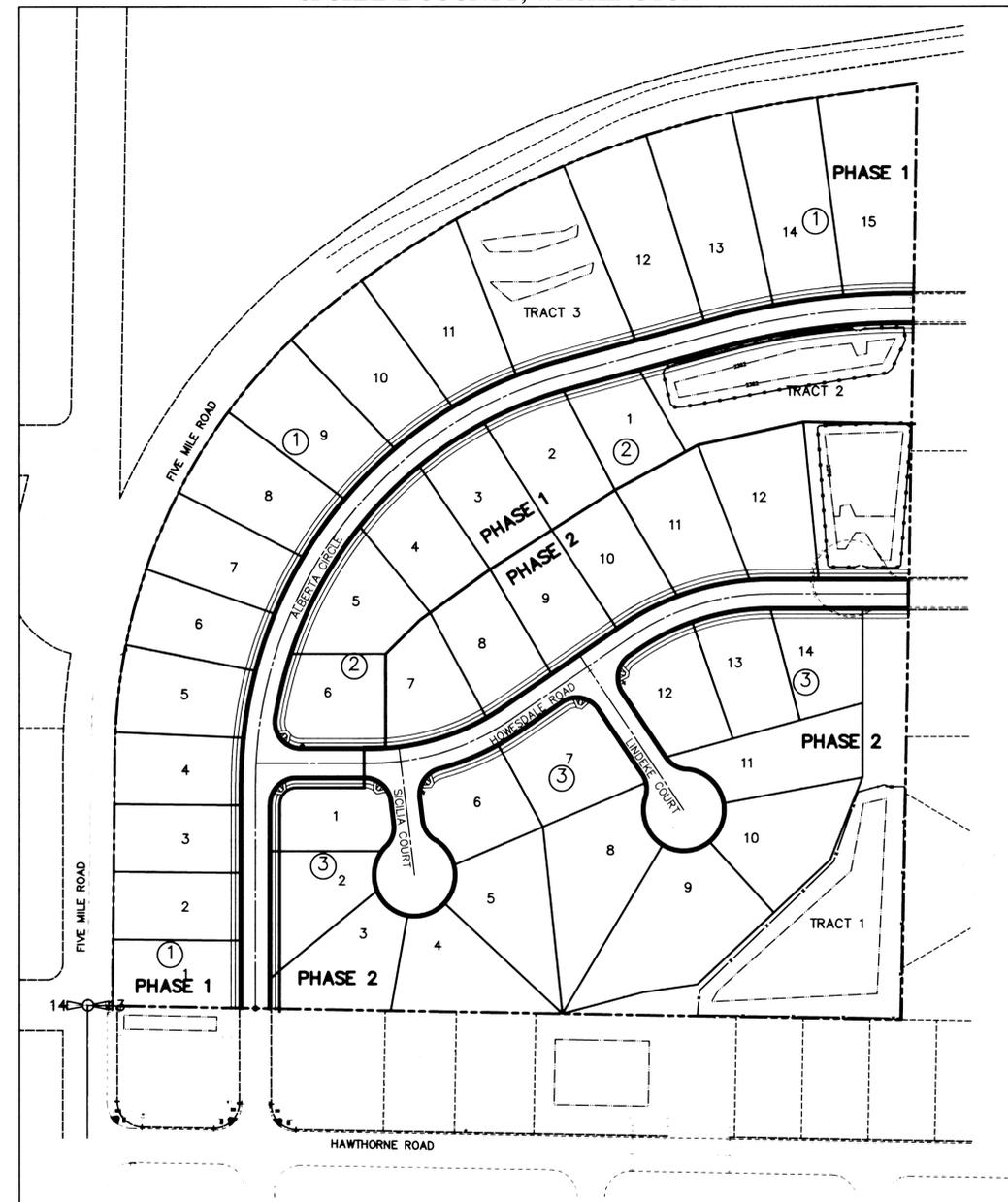


1	RESUBMITTAL FOR PHASING	12/19/11	DATE
2	THIRD SUBMITTAL RESPONSE TO COUNTY COMMENTS	02/27/08	
3	SECOND SUBMITTAL RESPONSE TO COUNTY COMMENTS	07/31/08	

GENERAL NOTES

- ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION, 2001 EDITION", 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, JOHN SAYMERS, P.E., 744-0300, THE SITE/PROJECT INSPECTING ENGINEER OR HIS REPRESENTATIVE, AND THE SPOKANE COUNTY ENGINEER'S OFFICE, CONSTRUCTION ENGINEER, 477-3600.
- FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC, "AMOCO" 4545 OR APPROVED EQUAL, BETWEEN THE WASHED DRAINROCK AND NATIVE SOILS PER SPOKANE COUNTY STANDARD DETAIL B-1a.
- PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 1-800-424-5555, BEFORE YOU DIG.
- 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.
- ON-SITE GRADING SHALL BE IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND ESC 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 477-3675. GRADING ON THIS SITE OR ANY OTHER SITE MUST COMPLY WITH ALL DEVELOPMENT REGULATIONS INCLUDING, BUT NOT LIMITED TO, GRADING PERMITS, SEPA REVIEW, TIMBER HARVEST PERMITS, CRITICAL AREAS, FLOODPLAINS, DESIGNATED DRAINAGEWAYS, ETC.
- 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.
- THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL CATCH BASINS AND DRYWELLS FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC UNDER THE LID FOR AT LEAST 6 WEEKS, OR UNTIL THE ESTABLISHMENT OF GRASS AND/OR OTHER SITE CONSTRUCTION WORK HAS ENDED. IN THE EVENT THAT SILT OR OTHER DELETERIOUS MATERIAL IS ALLOWED TO ENTER THE DRYWELLS OR CATCH BASINS THE CONTRACTOR WILL BE REQUIRED TO CLEAN OUT THE DRYWELL OR CATCH BASIN TO THE SATISFACTION OF THE CERTIFYING ENGINEER.
- THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH SPOKANE COUNTY AND ALL UTILITY COMPANIES WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
- FOR WORK AFFECTING PUBLIC ROADWAYS OR IF REQUIRED BY SPOKANE COUNTY THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND PHASING PLAN, IN ACCORDANCE WITH M.U.T.C.D. FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN OR AFFECTING THE RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY SAID PLANS. PRIOR TO INSTALLATION A PRECONSTRUCTION CONFERENCE SHALL BE HELD WITH SPOKANE COUNTY.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED, INSTALLED, CONSTRUCTED, REMOVED OR RELOCATED UNLESS SPECIFICALLY NOTED OTHERWISE.
- PER AGENCY STANDARDS THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING RECORD INFORMATION ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE AND AVAILABLE TO THE SPOKANE COUNTY INSPECTOR AT ALL TIMES.
- DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. FOR ADDITIONAL INFORMATION CONTACT THE ENGINEER FOR CLARIFICATION AND NOTE ON THE RECORD DRAWINGS.
- ALL EROSION AND SEDIMENT CONTROL (E.S.C.) MEASURES SHALL BE INSTALLED AT THE LIMITS OF CONSTRUCTION PRIOR TO GROUND-DISTURBING ACTIVITY. ALL E.S.C. MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREAS ARE STABILIZED WITH HARD SURFACE OR LANDSCAPING.
- THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF WATER LINES AND DRY UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL UTILITY RELOCATIONS CONSISTENT WITH THE CONTRACTOR'S SCHEDULE FOR THIS PROJECT, WHETHER SHOWN OR NOT SHOWN, AS IT RELATES TO THE CONSTRUCTION ACTIVITIES CONTEMPLATED IN THESE PLANS.
- ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE SPOKANE COUNTY ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.
- ALL CONSTRUCTION OPERATIONS, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTH MOVING EQUIPMENT, CONSTRUCTION EQUIPMENT AND ANY OTHER ASSOCIATED EQUIPMENT SHALL GENERALLY BE LIMITED TO THE TIME PERIOD APPROVED BY SPOKANE COUNTY.
- BASED ON A REQUIREMENT FROM SPOKANE COUNTY, THE ENGINEER OR HIS DESIGNEE SHALL PERFORM TESTING AND QUALITY CONTROL ON THE PROJECT AND SHALL SUBMIT COPIES OF DAILY REPORTS, TEST REPORTS, PROJECT CERTIFICATION AND RECORD DRAWINGS TO SPOKANE COUNTY ENGINEER.
- NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL BY THE SPOKANE COUNTY ENGINEER AND NOTIFICATION OF THE ENGINEER OF RECORD.

NAVD 88 DATUM
VERTICAL DATUM BASED ON CITY B.M. LOCATED AT THE INTERSECTION OF JOHANSEN ROAD AND FIVE MILE ROAD GRASS CAP MONUMENT = 2401.69 NAVD88 ELEVATION=2388.56



Shts. 1, 4, 9, +13
revised for Ph. 2
boundary only.
See P-1964 plans
for Sicilia +
Lindeke Crts.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1964A
DATE ACCEPTED: 12-2-11
ACCEPTANCE EXPIRES: 12-31-13
PROJECT LANE MILES PUBLIC: 40
PROJECT LANE MILES PRIVATE: 0
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

SHEET INDEX	
COVER SHEET	1
SECTIONS & DETAILS	2
ALBERTACIRCLE PLAN & PROFILE	3
HOWSDALE ROAD PLAN & PROFILE	4
SICILIA COURT PLAN AND PROFILE	5
LINDEKE COURT PLAN AND PROFILE	6
INTERSECTION DETAILS	7
ALBERTA CIRCLE STORM PLAN & PROFILE	8
HOWSDALE ROAD STORM PLAN & PROFILE	9
POND DETAILS	10
OVERALL GRADING PLAN	11
EROSION CONTROL PLAN	12
EROSION CONTROL NOTES & DETAILS	13

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.

EXISTING	GENERAL	PROPOSED	EXISTING	STORM DRAINAGE	PROPOSED
—	ROADWAY CENTER LINE	—	—	DRAINAGE LINE	—
—	RIGHT OF WAY LINE	—	—	MANHOLE	—
—	PROPERTY LINE	—	—	DRYWELL	—
—	EASEMENT LINE	—	—	CATCH BASIN	—
-x-x-	FENCE	-x-x-	—	DITCH	—
—	PAVEMENT	—	—	NATURAL GAS	—
—	GRAVEL	—	—	GAS LINE	—
—	CONCRETE	—	—	VALVE	—
—	BUILDINGS & STRUCTURES	—	—	METER	—
—	SANITARY SEWER	—	—	TELEPHONE - POWER	—
—	SANITARY SEWER MANHOLE	—	—	BURIED TELEPHONE	—
—	CLEANOUT	—	—	POWER OR TELEPHONE POLE	—
—	SEWER SERVICE	—	—	BURIED POWER	—
—	WATER	—	—	TRANSFORMER PAD	—
—	WATER LINE	—	—	TELEPHONE RISER	—
—	VALVE	—	—	TELEPHONE VAULT	—
—	FIRE HYDRANT	—	—	OVERHEAD POWER	—
—	SERVICE METER	—	—	GUY ANCHOR	—
—	BLOWOFF	—	—	POWER VAULT	—
—	AIR VACUUM RELIEF STATION	—	—	LIGHT POLE	—

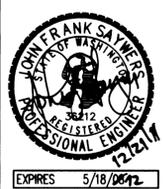
DEVELOPER'S APPROVAL

THE UNDERSIGNED DEVELOPER OR HIS ASSIGNS AGREES TO CONSTRUCT IMPROVEMENTS IN ACCORDANCE WITH THIS PLAN, AND UPON COMPLETION, THE DEVELOPER IS RESPONSIBLE FOR SUBMITTING REPRODUCIBLE RECORD DRAWINGS TO BE COMPLETED BY A PROFESSIONAL ENGINEER AND/OR PROFESSIONAL LAND SURVEYOR FOR REVIEW AND APPROVAL BY SPOKANE COUNTY UTILITIES DEPARTMENT AT THE COMPLETION OF CONSTRUCTION.

DEVELOPER'S APPROVAL _____ DATE _____

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

AS-BUILT APPROVAL(ENGINEER/SURVEYOR) _____ DATE _____



Job no.	05004
DRAWN BY:	KJM
DESIGNED BY:	JFS
CHECKED BY:	JFS
DATE	12/19/11

COVER SHEET
1 of 13

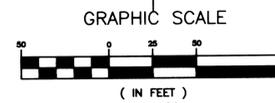
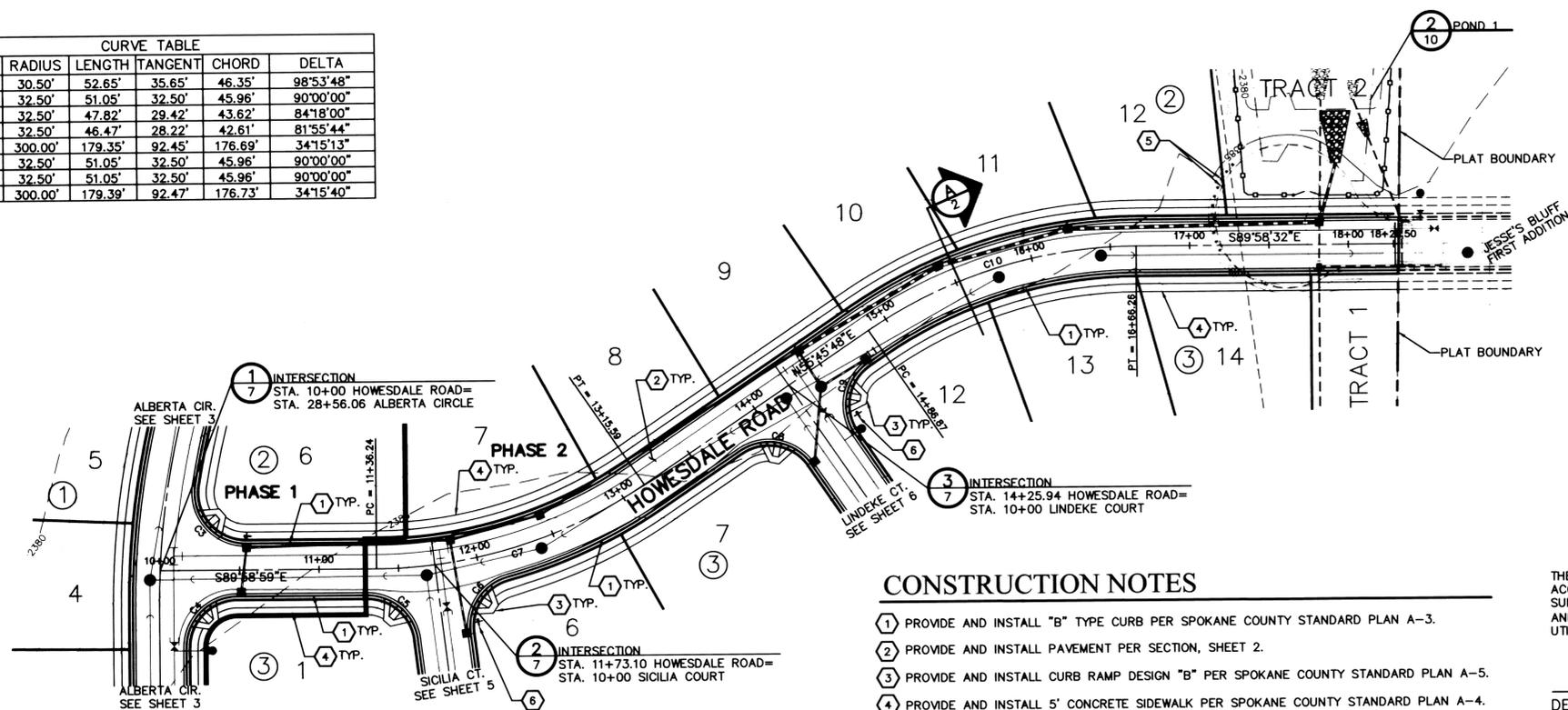
P-1964A Eng Road & Drainage
PN1964A-CO-1.3

SITE DEVELOPMENT CONSTRUCTION PLANS
 JESSE'S BLUFF 3RD ADDITION
 COVER SHEET
 SPOKANE COUNTY WASHINGTON



SEC. 13, T.26 N., R.42 E., W.M.
SPOKANE COUNTY, WA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C3	30.50'	52.65'	35.65'	46.35'	98°53'48"
C4	32.50'	51.05'	32.50'	45.96'	90°00'00"
C5	32.50'	47.82'	29.42'	43.62'	84°18'00"
C6	32.50'	46.47'	28.22'	42.61'	81°55'44"
C7	300.00'	179.35'	92.45'	176.69'	34°15'13"
C8	32.50'	51.05'	32.50'	45.96'	90°00'00"
C9	32.50'	51.05'	32.50'	45.96'	90°00'00"
C10	300.00'	179.39'	92.47'	176.73'	34°15'40"



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1964A
DATE ACCEPTED: 12-17-13
ACCEPTANCE EXPIRES: 12-30-13
PROJECT LANE MILES PUBLIC: 0.40
PROJECT LANE MILES PRIVATE: 0
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3900
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

DEVELOPER'S APPROVAL

THE UNDERSIGNED DEVELOPER OR HIS ASSIGNS AGREES TO CONSTRUCT IMPROVEMENTS IN ACCORDANCE WITH THIS PLAN, AND UPON COMPLETION, THE DEVELOPER IS RESPONSIBLE FOR SUBMITTING REPRODUCIBLE RECORD DRAWINGS TO BE COMPLETED BY A PROFESSIONAL ENGINEER AND/OR PROFESSIONAL LAND SURVEYOR FOR REVIEW AND APPROVAL BY SPOKANE COUNTY UTILITIES DEPARTMENT AT THE COMPLETION OF CONSTRUCTION.

DEVELOPER'S APPROVAL _____ DATE _____

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

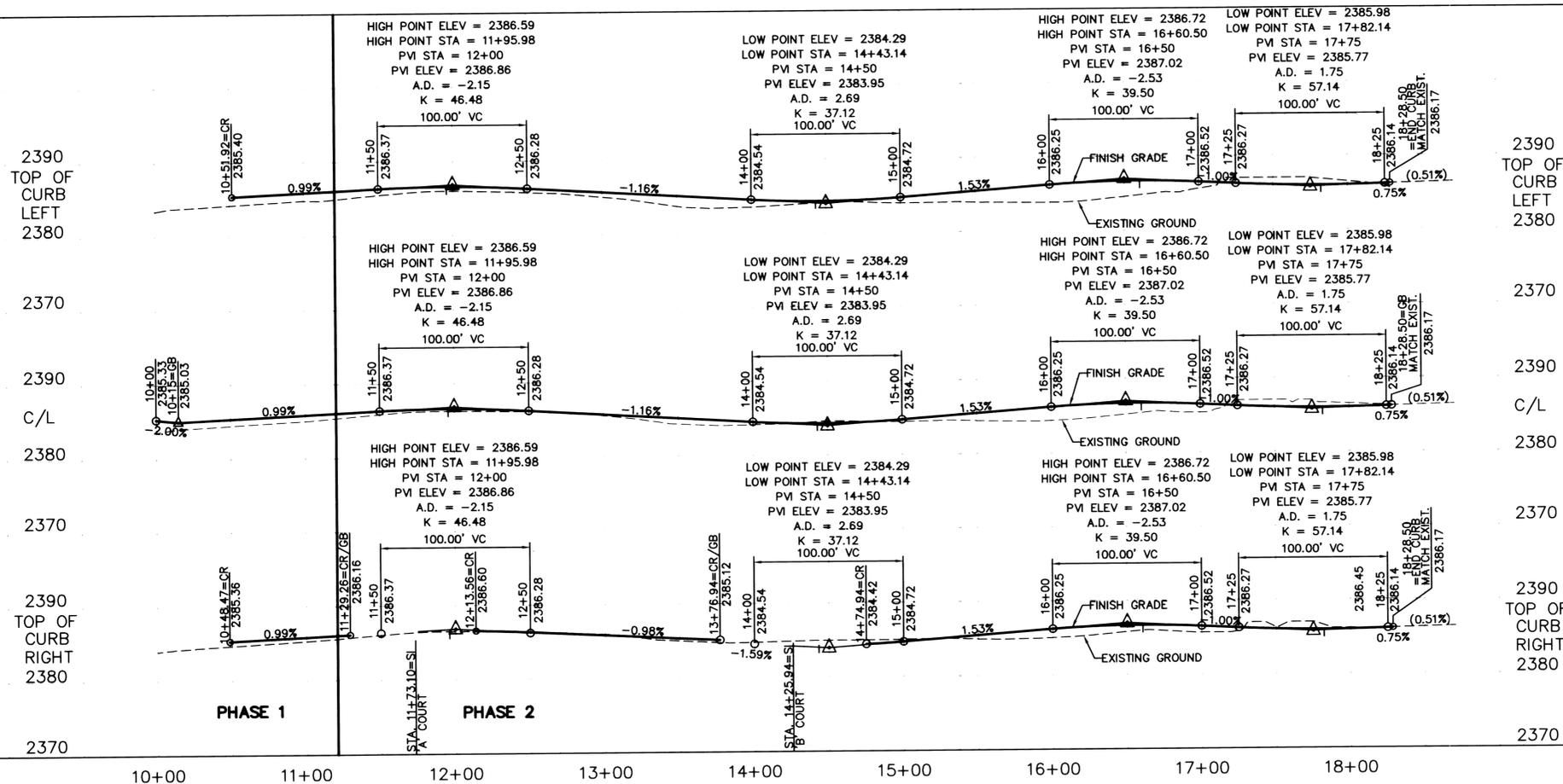
AS-BUILT APPROVAL(ENGINEER/SURVEYOR) _____ DATE _____

CONSTRUCTION NOTES

- 1 PROVIDE AND INSTALL "B" TYPE CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
- 2 PROVIDE AND INSTALL PAVEMENT PER SECTION, SHEET 2.
- 3 PROVIDE AND INSTALL CURB RAMP DESIGN "B" PER SPOKANE COUNTY STANDARD PLAN A-3.
- 4 PROVIDE AND INSTALL 5' CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-4.
- 5 EXISTING CUL-DE-SAC CURB AND BOLLARDS TO BE REMOVED.
- 6 PROVIDE AND INSTALL STREET NAME SIGNS PER SPOKANE COUNTY STANDARD PLAN A-6.

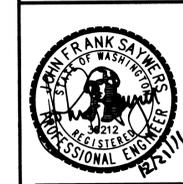
NAV'D 88 DATUM

VERTICAL DATUM BASED ON CITY B.M. LOCATED AT THE INTERSECTION OF JOHANSEN ROAD AND FIVE MILE ROAD BRASS CAP MONUMENT = 2401.69 NAV'D88 ELEVATION=2388.56



NO.	REVISION	DATE
1	SECOND SUBMITTAL/RESPONSE TO COUNTY COMMENTS	07/31/08
2	THIRD SUBMITTAL/RESPONSE TO COUNTY COMMENTS	02/27/08
3	RESUBMITTAL FOR PHASING	12/19/11

SITE DEVELOPMENT CONSTRUCTION PLANS
JESSE'S BLUFF 3RD
HOWESDALE ROAD STA. 10+00.00 TO 18+28.50
SPOKANE COUNTY WASHINGTON



Job no. 05004	
DRAWN BY: KJM	DESIGNED BY: JFS
CHECKED BY: JFS	DATE: 12/19/11

HOWESDALE PLAN AND PROFILE

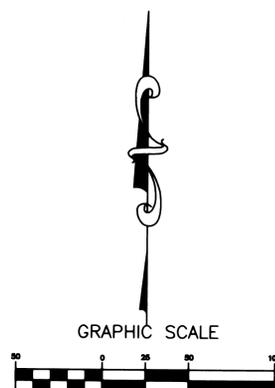
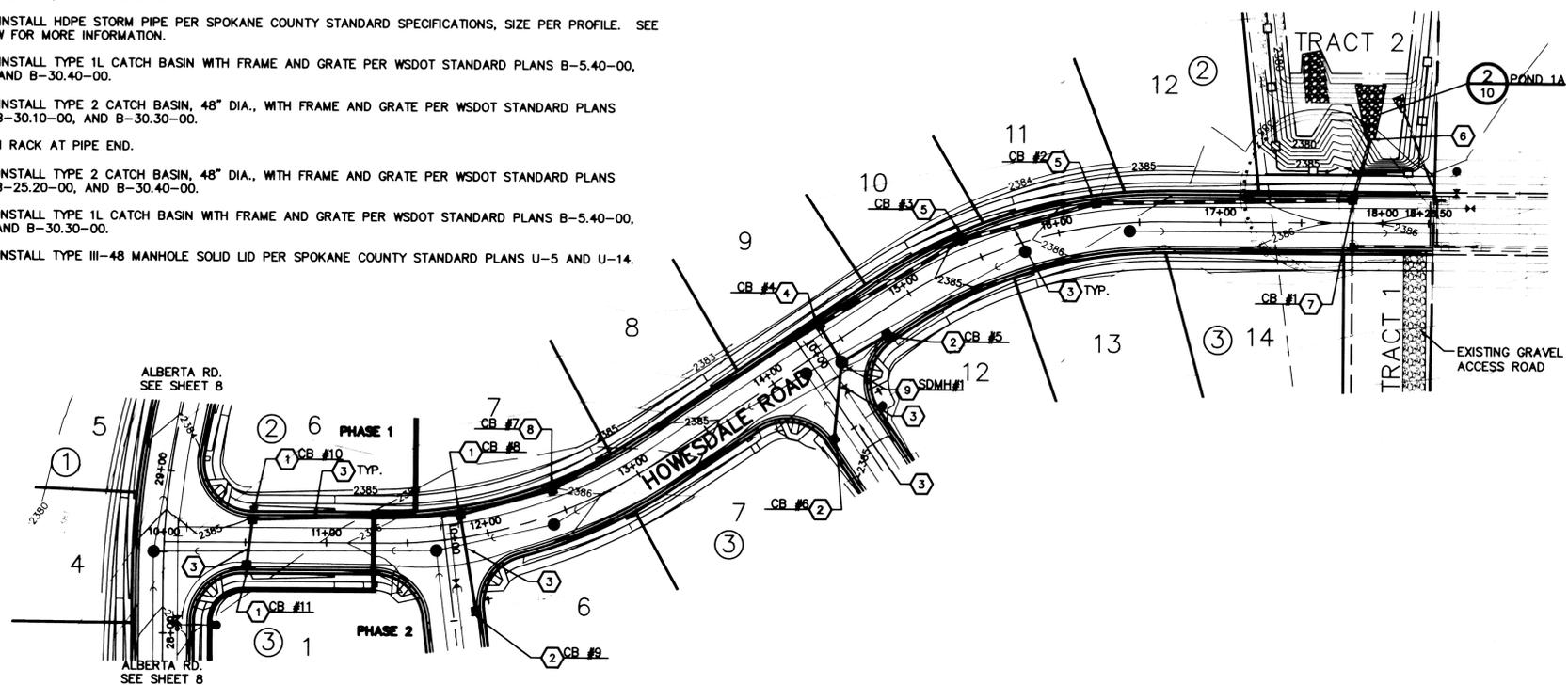
P-1964A Eng Road & Drainage
P-1964A-PP-4.2



CONSTRUCTION NOTES

- 1 PROVIDE AND INSTALL TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND TYPE 2 GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
- 2 PROVIDE AND INSTALL TYPE 1 CATCH BASIN WITH TYPE 2 FRAME AND TYPE 3 GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-13.
- 3 PROVIDE AND INSTALL HDPE STORM PIPE PER SPOKANE COUNTY STANDARD SPECIFICATIONS, SIZE PER PROFILE. SEE PROFILE BELOW FOR MORE INFORMATION.
- 4 PROVIDE AND INSTALL TYPE 1L CATCH BASIN WITH FRAME AND GRATE PER WSDOT STANDARD PLANS B-5.40-00, B-25.20-00, AND B-30.40-00.
- 5 PROVIDE AND INSTALL TYPE 2 CATCH BASIN, 48" DIA., WITH FRAME AND GRATE PER WSDOT STANDARD PLANS B-10.20-00, B-30.10-00, AND B-30.30-00.
- 6 INSTALL TRASH RACK AT PIPE END.
- 7 PROVIDE AND INSTALL TYPE 2 CATCH BASIN, 48" DIA., WITH FRAME AND GRATE PER WSDOT STANDARD PLANS B-10.20-00, B-25.20-00, AND B-30.40-00.
- 8 PROVIDE AND INSTALL TYPE 1L CATCH BASIN WITH FRAME AND GRATE PER WSDOT STANDARD PLANS B-5.40-00, B-30.10-00, AND B-30.30-00.
- 9 PROVIDE AND INSTALL TYPE III-48 MANHOLE SOLID LID PER SPOKANE COUNTY STANDARD PLANS U-5 AND U-14.

SEC. 13, T.26 N., R.42 E., W.M.
SPOKANE COUNTY, WA



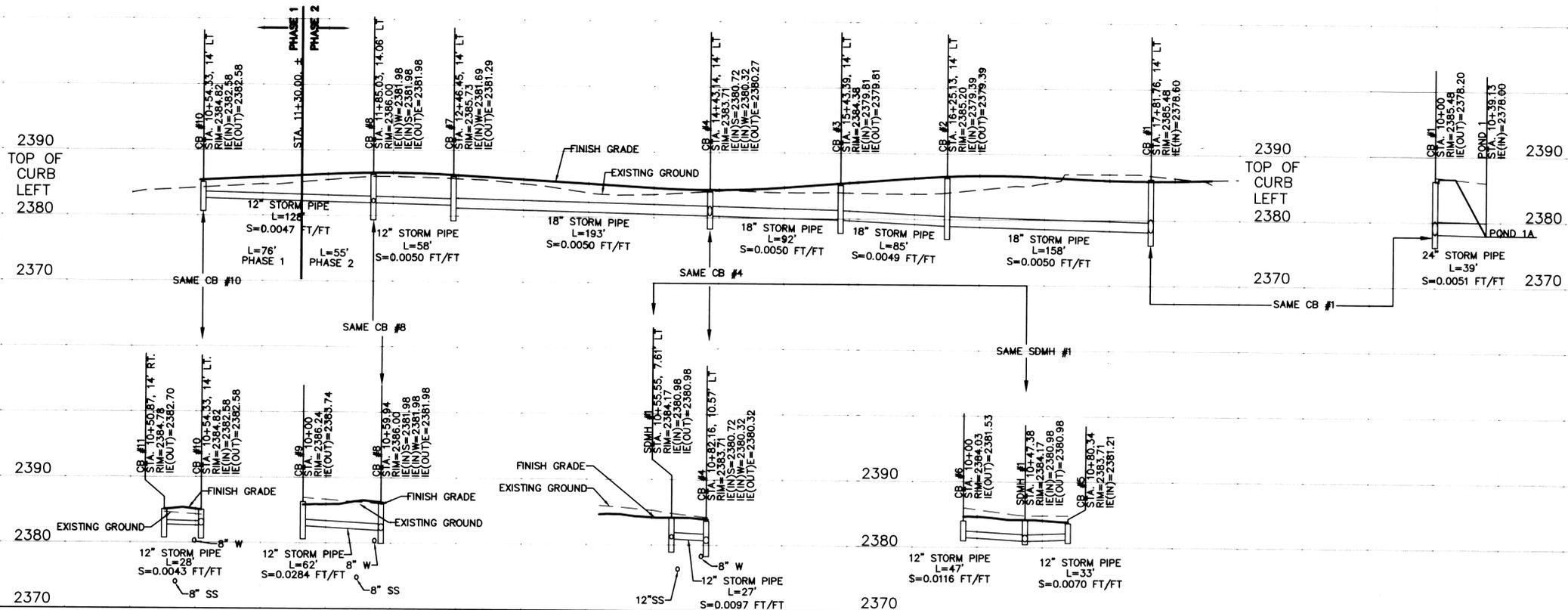
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 12-19-11
DATE ACCEPTED: 12-22-11
ACCEPTANCE EXPIRES: 12-31-13
PROJECT LANE MILES PUBLIC: 3.2
PROJECT LANE MILES PRIVATE: 0
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS "AS-BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION.

NAVD 88 DATUM
VERTICAL DATUM BASED ON CITY B.M. LOCATED AT THE INTERSECTION OF JOHANSEN ROAD AND FIVE MILE ROAD
BRASS CAP MONUMENT = 2401.69
NAVD88 ELEVATION=2388.56

DEVELOPER'S APPROVAL

THE UNDERSIGNED DEVELOPER OR HIS ASSIGNS AGREES TO CONSTRUCT IMPROVEMENTS IN ACCORDANCE WITH THIS PLAN, AND UPON COMPLETION, THE DEVELOPER IS RESPONSIBLE FOR SUBMITTING REPRODUCIBLE RECORD DRAWINGS TO BE COMPLETED BY A PROFESSIONAL ENGINEER AND/OR PROFESSIONAL LAND SURVEYOR FOR REVIEW AND APPROVAL BY SPOKANE COUNTY UTILITIES DEPARTMENT AT THE COMPLETION OF CONSTRUCTION.

DEVELOPER'S APPROVAL _____ DATE _____
THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.
AS-BUILT APPROVAL(ENGINEER/SURVEYOR) _____ DATE _____



NO	REVISION	DATE
3	RESUBMITTAL FOR PHASING	12/19/11
2	THIRD SUBMITTAL/RESPONSE TO COUNTY COMMENTS	02/27/08
1	SECOND SUBMITTAL/RESPONSE TO COUNTY COMMENTS	01/31/08

SITE DEVELOPMENT CONSTRUCTION PLANS
JESSE'S BLUFF 3RD
HOWESDALE ROAD STA. 10+00.00 TO 18+28.50
SPOKANE COUNTY WASHINGTON



EXPIRES 5/18/12
Job no. 05004
DRAWN BY: KJM
DESIGNED BY: JFS
CHECKED BY: JFS
DATE: 12/19/11

HOWESDALE STORM PLAN AND PROFILE

SEC. 13, T.26 N., R.42 E., W.M.
SPOKANE COUNTY, WASHINGTON
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.

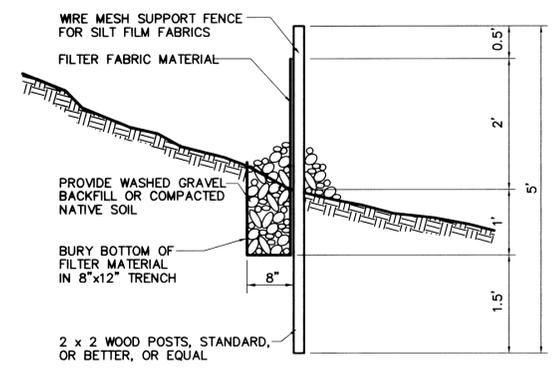
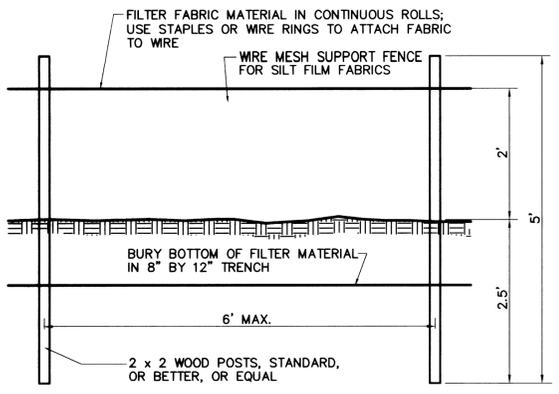
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
1-800-424-5555
CALL TWO BUSINESS DAYS BEFORE YOU DIG

NAVD 88 DATUM
VERTICAL DATUM BASED ON CITY B.M. LOCATED AT THE INTERSECTION OF JOHANSEN ROAD AND FIVE MILE ROAD BRASS CAP MONUMENT = 2401.69 NAVD88 ELEVATION=2388.56

Saywers Engineering
Topic Center, 104 S. Ferry
Blue Flag Bldg., Suite 305
Spokane, WA 99202
(509) 744-0300

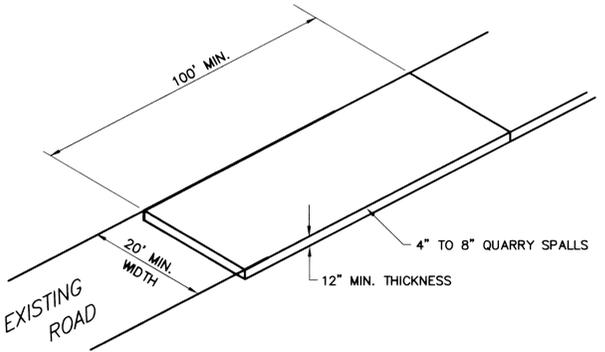
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # P-1964A
DATE ACCEPTED: 12-30-11
ACCEPTANCE EXPIRES: 12-30-13
PROJECT LANE MILES PUBLIC: .40
PROJECT LANE MILES PRIVATE: .00
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS AS-BUILT TO BE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES. PERMIT REQUIRED FOR CONSTRUCTION. NOT VALID UNTIL 5/18/2012

NO.	REVISION	DATE
3	RESUBMITTAL FOR PHASING	12/19/11
2	THIRD SUBMITTAL/RESPONSE TO COUNTY COMMENTS	02/27/08
1	SECOND SUBMITTAL/RESPONSE TO COUNTY COMMENTS	01/23/08



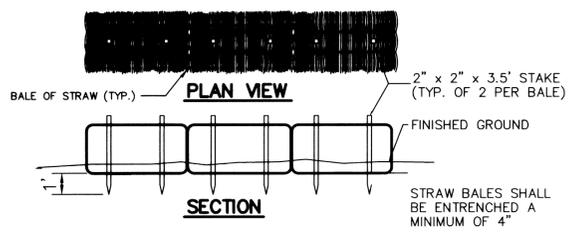
SILT FENCE DETAIL
NOT TO SCALE

1



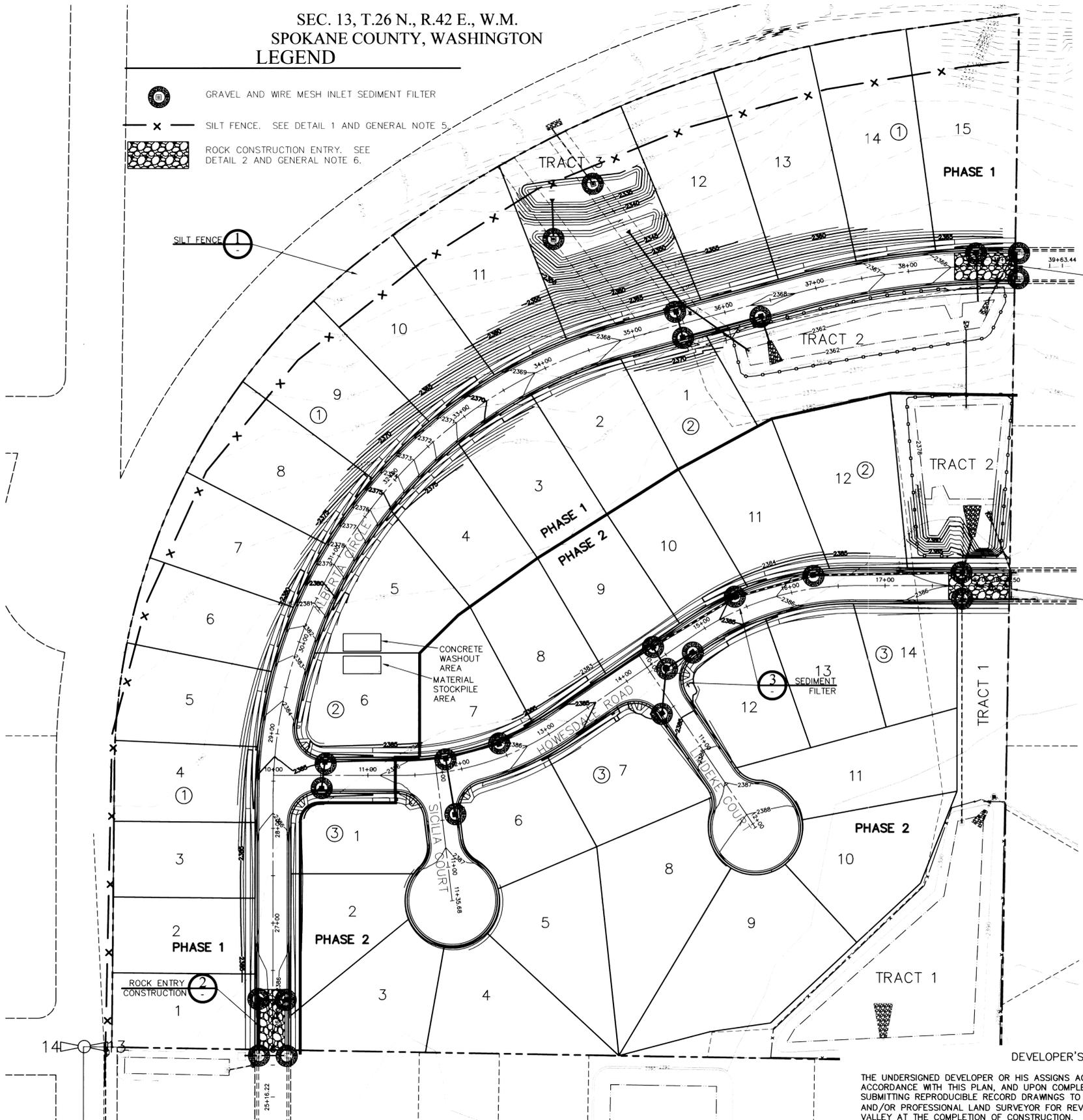
ROCK CONSTRUCTION ENTRY
NOT TO SCALE

2



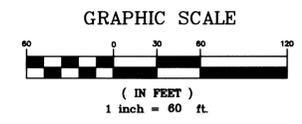
STRAW BALE DETAIL
NOT TO SCALE

3



2 ROCK ENTRY CONSTRUCTION

2 ROCK ENTRY CONSTRUCTION



DEVELOPER'S APPROVAL

THE UNDERSIGNED DEVELOPER OR HIS ASSIGNS AGREES TO CONSTRUCT IMPROVEMENTS IN ACCORDANCE WITH THIS PLAN, AND UPON COMPLETION, THE DEVELOPER IS RESPONSIBLE FOR SUBMITTING REPRODUCIBLE RECORD DRAWINGS TO BE COMPLETED BY A PROFESSIONAL ENGINEER AND/OR PROFESSIONAL LAND SURVEYOR FOR REVIEW AND APPROVAL BY CITY OF SPOKANE VALLEY AT THE COMPLETION OF CONSTRUCTION.

DEVELOPER'S APPROVAL _____

DATE _____

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

AS-BUILT APPROVAL(ENGINEER/SURVEYOR) _____

DATE _____

SITE DEVELOPMENT CONSTRUCTION PLANS
JESSE'S BLUFF 3RD
EROSION CONTROL PLAN & DETAILS
SPOKANE COUNTY WASHINGTON



Job no. **05004**

DRAWN BY: KJM	DESIGNED BY: JFS
CHECKED BY: JFS	DATE: 12/19/11

EROSION CONTROL PLAN & DETAILS
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P-1964A - Eng Road & Drainage