

# COVER SHEET FOR 4TH ADDITION JESSE'S BLUFF 3rd ADDITION

## STREET AND DRAINAGE CONSTRUCTION PLANS

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

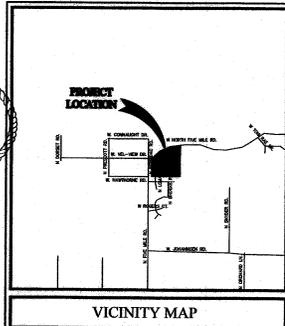
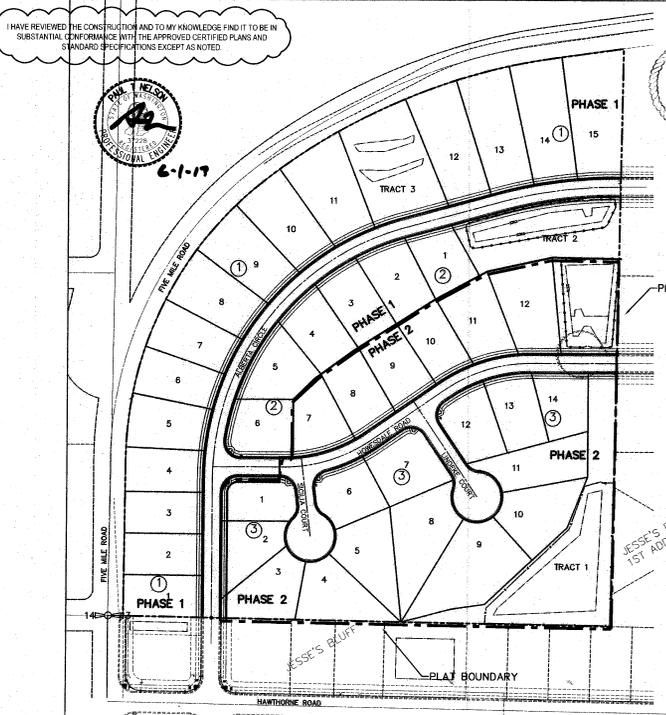
# RECORD DRAWING

UNDERGROUND SERVICE ALERT  
ONE-CALL NUMBER  
1-800-424-5555  
FOR RECORDS  
BEFORE YOU DIG



### GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION, 2001 EDITION", AND AS AMENDED.
2. LOCATIONS OF EXISTING UTILITIES SHOWN IN THESE 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.
3. 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.
4. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER, JOHN SAWYERS, P.E., @ 744-0300, THE SITE/PROJECT INSPECTING ENGINEER OR HIS REPRESENTATIVE, AND THE SPOKANE COUNTY ENGINEER'S OFFICE, CONSTRUCTION ENGINEER, @ 477-3600.
5. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC, "AMOCO" 454S OR APPROVED EQUIV., BETWEEN THE WASHED DRAINROCK AND NATIVE SOILS PER SPOKANE COUNTY STANDARD DETAIL 25-10.
6. 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.
7. THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) SHALL INCLUDE THE LEVEL PORTION OF THE FLOOR OF THE SMALL, AND THE SLOPES UP TO THE GPA OVERFLOW (DRAINAGE) OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA 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 SOILS CONFORM TO THIS REQUIREMENT. THIS WRITTEN STATEMENT SHALL BE SUBMITTED TO THE SPOKANE COUNTY ENGINEER'S OFFICE PRIOR TO INSTALLING FINISHED LANDSCAPING/SOD PRIOR TO FINAL ACCEPTANCE. THE SLOPE 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.
8. ON-SITE 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 PRE-APPROVED SOURCE, DESTINATION AND COORDINATED WITH THE SPOKANE COUNTY DEPARTMENT OF BUILDING PLANNING AT 477-3600. 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 DRAINWAYS, ETC.
9. THE CONTRACTOR IS REQUIRED TO HAVE A VALID CONSTRUCTION PERMIT ON SITE AT ALL TIMES. THE PERMIT WILL RESULT IN AN IMMEDIATE SHUTDOWN OF WORK AND THE POSSIBLE REMOVAL OF THOSE ITEMS CONSTRUCTED WITHOUT THE PERMIT.
10. 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 24 HOURS, OR UNTIL THE INSTALLMENT 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.
11. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH SPOKANE COUNTY AND ALL AGENCIES 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 MINIMAL DISRUPTION OF SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
13. FOR WORK AFFECTING PUBLIC ROADWAYS OR IF REQUIRED BY SPOKANE COUNTY THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND PHASING PLAN, IN ACCORDANCE WITH MUTCD. 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.
14. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DEMAND TO BE PROVIDED, INSTALLED, CONSTRUCTED, REMOVED OR RELOCATED UNLESS SPECIFICALLY NOTED OTHERWISE.
15. PER AGENCY STANDARDS THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
16. 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.
17. 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.
18. 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 AREA IS STABILIZED WITH HARD SURFACE OR LANDSCAPING.
19. THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWERS AND SANITARY SEWERS SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF WATER LINES AND DRY UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND RELOCATE ALL UTILITIES CONSISTENT WITH THE CONTRACTORS SCHEDULE FOR THIS PROJECT, WHETHER SHOWN OR NOT SHOWN, AS IT RELATES TO THE CONSTRUCTION ACTIVITIES CONTEMPLATED.
20. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO JURISDICTION OF THE SPOKANE COUNTY ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.
21. ALL CONSTRUCTION OPERATIONS, INCLUDING THE WARNING 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.
22. BASED ON A REQUIREMENT FROM SPOKANE COUNTY, THE ENGINEER OR HIS DESIGNEE SHALL PROVIDE MATERIALS TESTING AND QUALITY CONTROL ON THE PROJECT AND SHALL SUBMIT COPIES OF DAILY REPORTS, TEST REPORTS, PROJECT CERTIFICATION AND RECORD DRAWINGS TO SPOKANE COUNTY ENGINEER.
23. NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL BY THE SPOKANE COUNTY ENGINEER AND NOTIFICATION OF THE ENGINEER OF RECORD.



OFFICIAL PUBLIC DOCUMENT ORIGINAL "AS-BUILTS" FOR RECORD DRAWINGS TO BE PROVIDED TO SPOKANE COUNTY

GRAPHIC SCALE  
1 inch = 100 FT.

### SHEET INDEX

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

### LEGEND

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

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 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 \_\_\_\_\_

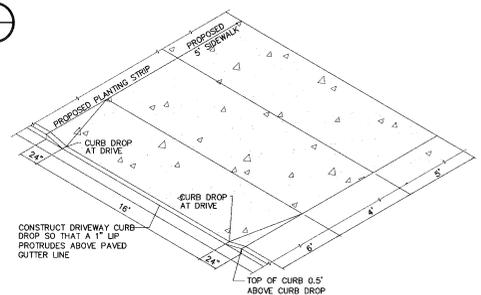
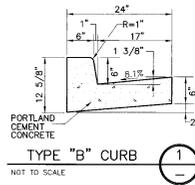
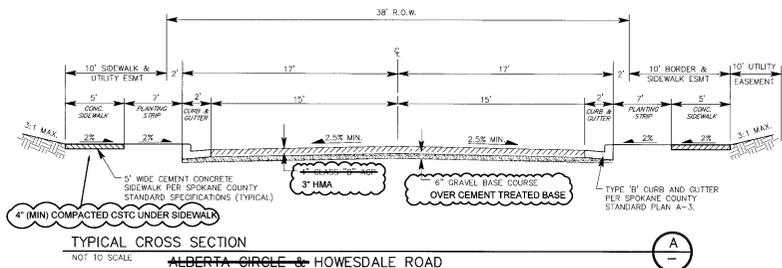
NAVD 88 DATUM  
VERTICAL DATUM BASED ON CITY B.M. LOCATED AT THE INTERSECTION OF CHANER ROAD AND FIVE MILE ROAD BRASS CAP MONUMENT = 2401.69 NAVD08 ELEVATION = 2386.56

SITE DEVELOPMENT CONSTRUCTION PLANS  
JESSE'S BLUFF 3RD ADDITION  
COVER SHEET  
4TH ADDITION  
SPOKANE COUNTY  
WASHINGTON

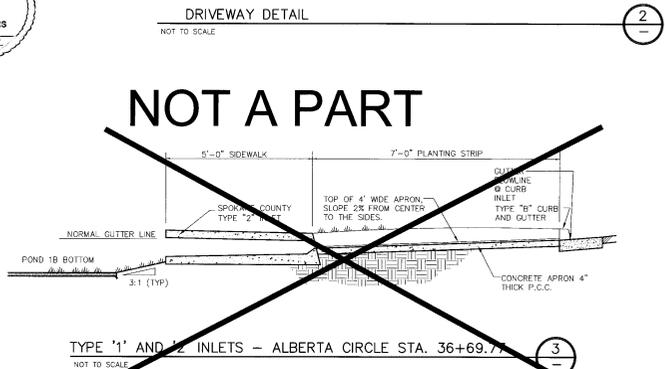
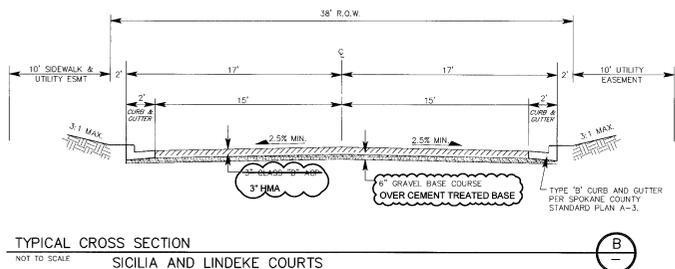


05004  
DATE: 5/8/2021  
DRAWN BY: JCS  
CHECKED BY: JCS  
ISSUED BY: JCS  
DATE: 12/19/11  
COVER SHEET  
1 of 13  
SHEET

# RECORD DRAWING



SPokane County Engineering Dept.  
 OFFICIAL PUBLIC DOCUMENT OF ORIGINAL  
**"AS-BUILTS"**  
 CERTIFIED RECORD DRAWINGS  
 PROJECT # 212629  
 DATE ACCEPTED: 6/17/17



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  
 NAVD88 ELEVATION=2388.56



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.

DEVELOPER'S APPROVAL  
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AS-BUILT APPROVAL(ENGINEER/SURVEYOR) \_\_\_\_\_ DATE \_\_\_\_\_

DATE PLOTTED	07/03/08
DATE PRINTED	07/03/08
DATE CHECKED	07/03/08
DATE APPROVED	07/03/08
DATE SUBMITTED	07/03/08
DATE RECEIVED	07/03/08

SITE DEVELOPMENT CONSTRUCTION PLANS  
**JESSE'S BLUFF 4TH ADDITION**  
 STREET AND DRAINAGE CONSTRUCTION PLANS  
 WASHINGTON  
 SPOKANE COUNTY



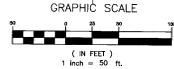
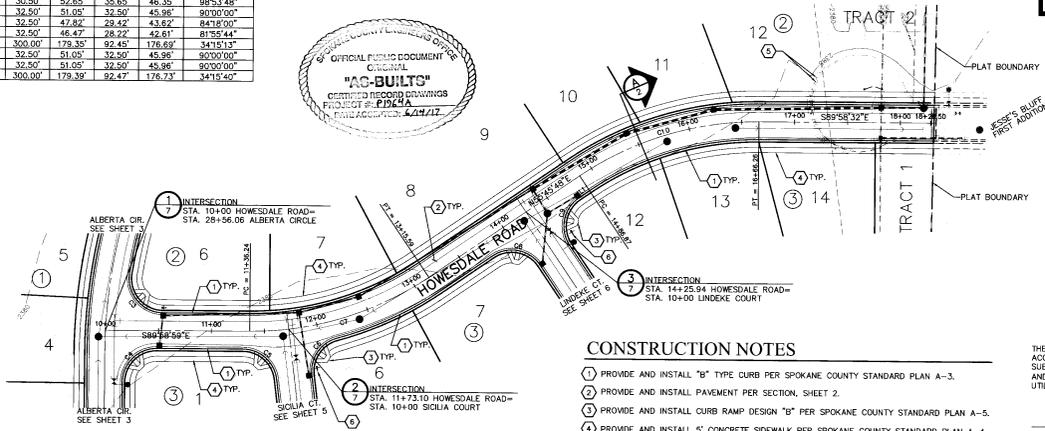
NO. 08-469  
 DRAWN BY: KJM  
 DESIGNED BY: JFS  
 CHECKED BY: JFS  
 DATE: 07/03/08



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

# RECORD DRAWING

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C3	30.50'	52.65'	35.85'	46.35'	88°33'48"
C4	32.50'	51.05'	32.50'	45.96'	90°00'00"
C5	32.50'	47.82'	29.42'	43.82'	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"



### 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 "D" PER SPOKANE COUNTY STANDARD PLAN A-5.
- 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.

### DEVELOPER'S APPROVAL

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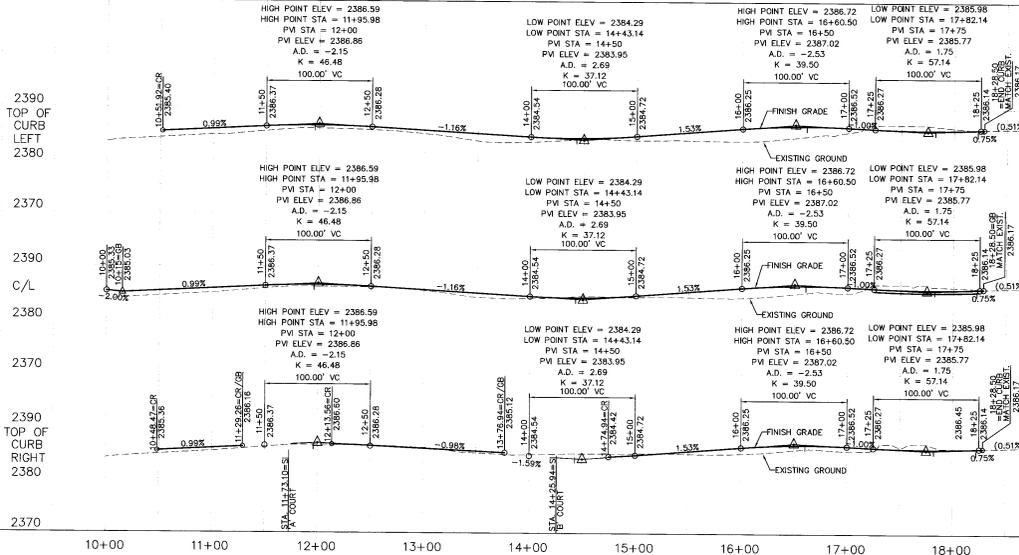
DEVELOPER'S APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

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

AS-BUILT APPROVAL(ENGINEER/SURVEYOR) \_\_\_\_\_ DATE \_\_\_\_\_

### NAVD 88 DATUM

VERTICAL DATUM BASED ON CITY B.M. LOCATED AT THE INTERSECTION OF JOHANSEN ROAD AND FIVE MILE ROAD BRASS CAP MONUMENT = 7407.69 NAVD88 ELEVATION=2388.56



2390 TOP OF CURB LEFT  
2380  
2370  
2390 C/L  
2380  
2370  
2390 TOP OF CURB RIGHT  
2380  
2370

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.



6-1-17



SITE DEVELOPMENT CONSTRUCTION PLANS  
JESSE'S BLUFF ~~3RD~~ 4TH ADDITION  
HOWESDALE ROAD STA. 10+00.00 TO 18+28.50  
SPOKANE COUNTY WASHINGTON



08-469  
DRAWN BY: KJM DESIGNED BY: JFS  
CHECKED BY: DATE: 7/7/03/03  
JFS

HOWESDALE PLANNING AND PROFILE



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

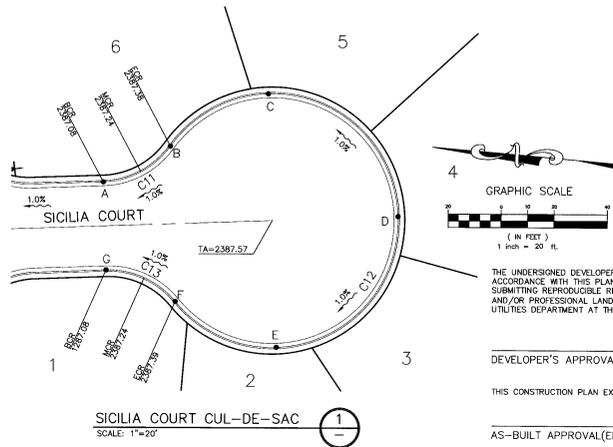
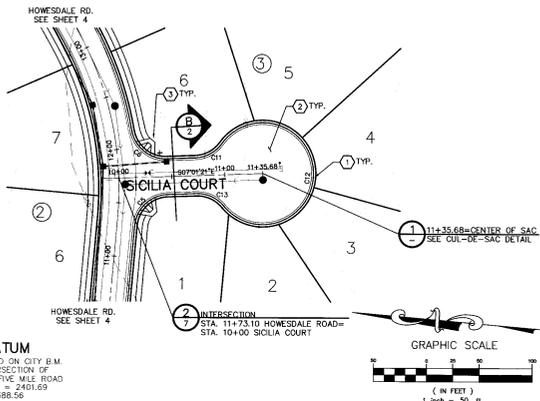


**CONSTRUCTION NOTES**

- 1 PROVIDE AND INSTALL "B" TYPE CURB PER SPOKANE COUNTY STANDARD PLAN A-3.
- 2 PROVIDE AND INSTALL PAYEMENT PER SECTION, SHEET 2.
- 3 PROVIDE AND INSTALL CURB RAMP DESIGN "A" PER SPOKANE COUNTY STANDARD PLAN A-5.

CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C8	32.50'	47.82'	28.42'	43.62'	84°18'00"
C9	32.50'	48.47'	28.22'	42.81'	81°56'44"
C11	32.50'	29.63'	15.83'	28.81'	52°13'46"
C12	47.50'	235.53'	36.81'	58.19'	284°27'32"
C13	32.50'	28.63'	15.83'	28.81'	52°13'46"

**RECORD DRAWING**



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

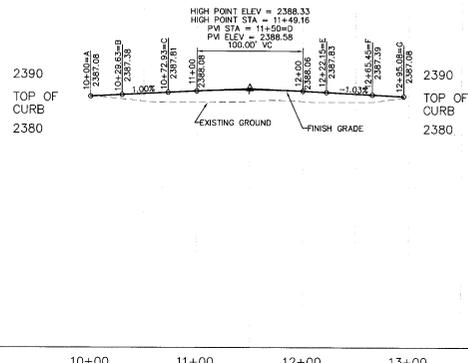
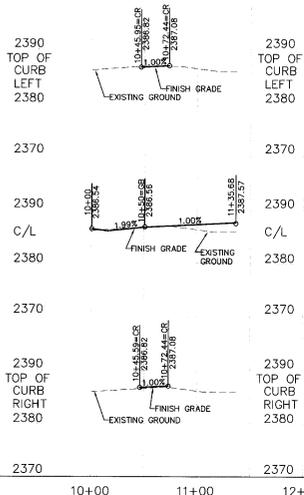
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AS-BUILT APPROVAL (ENGINEER/SURVEYOR) \_\_\_\_\_ DATE \_\_\_\_\_

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



PHIL T. WELSH  
STATE OF WASHINGTON  
PROFESSIONAL ENGINEER  
No. 12747  
6-1-17

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



SITE DEVELOPMENT CONSTRUCTION PLANS  
JESSE'S BLUFF ~~3RD~~ 4TH ADDITION  
SICILIA COURT STA. 10+00 TO 11+35.68  
WASHINGTON  
SPOKANE COUNTY



08-469  
PHAN BY: KJM  
DESIGNED BY: JFS  
CHECKED BY: JFS  
DATE: 07/03/03



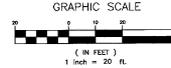
SEC. 13, T.26 N., R.42 E., W.M.  
SPOKANE COUNTY, WA

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 "A" PER SPOKANE COUNTY STANDARD PLAN A-5.

CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
CB	32.50'	51.05'	32.50'	45.96'	90°00'00"
C9	32.50'	51.05'	32.50'	45.96'	90°00'00"
C14	32.50'	29.63'	15.93'	28.61'	52°13'48"
C15	47.50'	235.83'	36.81'	58.19'	284°27'32"
C16	32.50'	29.63'	15.93'	28.61'	52°13'48"

RECORD DRAWING



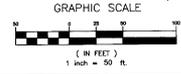
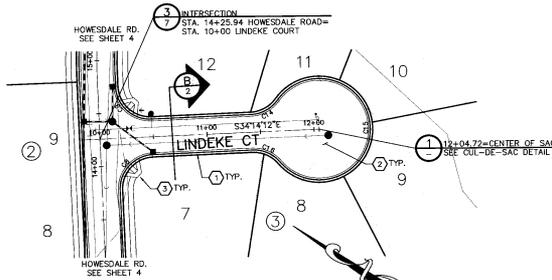
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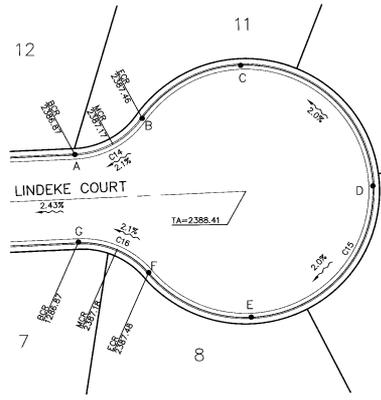
DEVELOPER'S APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

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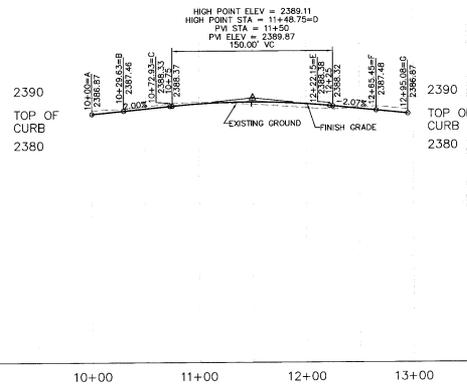
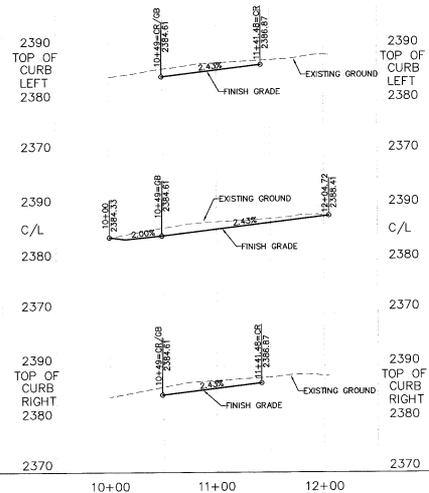
AS-BUILT APPROVAL(ENGINEER/SURVEYOR) \_\_\_\_\_ DATE \_\_\_\_\_



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 NAVD88 ELEVATION=2388.56



LINDEKE COURT CUL-DE-SAC ①  
SCALE: 1"=20'



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.

**Soyewers Engineering**  
 Paul Nelson, P.E.  
 License No. 12077  
 State of Washington  
 Civil Engineering  
 07/27/96

DATE: 08-11-17

PROJECT: LINDEKE COURT CUL-DE-SAC

4. THIS DRAWING IS THE PROPERTY OF SOYEWERS ENGINEERING. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SOYEWERS ENGINEERING.

5. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE TO OBTAIN NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES.

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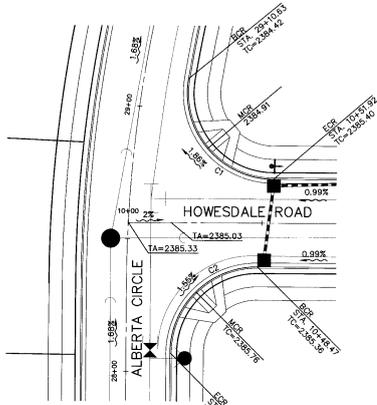
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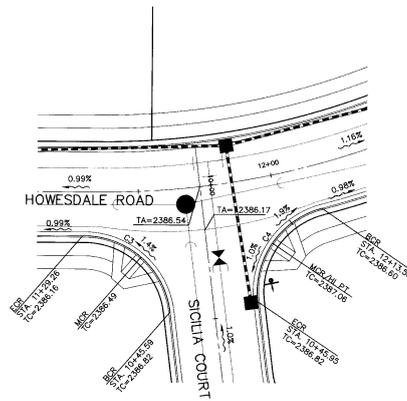


CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	32.50'	56.27'	38.18'	49.50'	90°11'37"
C2	32.50'	51.05'	32.50'	45.96'	90°00'00"
C3	32.50'	47.82'	29.42'	43.62'	84°19'00"
C4	32.50'	46.47'	28.22'	42.61'	81°55'44"
C5	32.50'	51.05'	32.50'	45.96'	90°00'00"
C6	32.50'	51.05'	32.50'	45.96'	90°00'00"

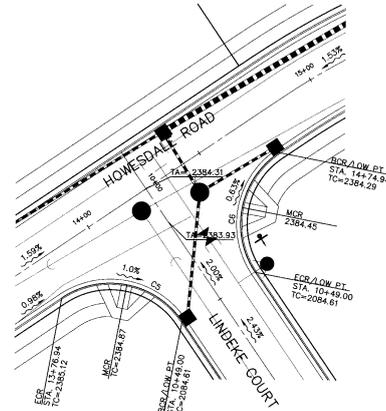
# RECORD DRAWING



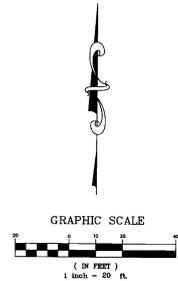
INTERSECTION DETAIL  
SCALE: 1"=20'



INTERSECTION DETAIL  
SCALE: 1"=20'



INTERSECTION DETAIL  
SCALE: 1"=20'



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 NAVD88 ELEVATION = 2366.56



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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 \_\_\_\_\_

SITE DEVELOPMENT CONSTRUCTION PLANS  
JESSE'S BLUFF 3RD 4TH ADDITION  
INTERSECTION DETAILS  
WASHINGTON  
SPOKANE COUNTY



JOB NO. 08-469  
DRAWN BY: KJM CHECKED BY: JFS  
DESIGNED BY: JFS DATE: 07/03/08  
INTERSECTION DETAILS

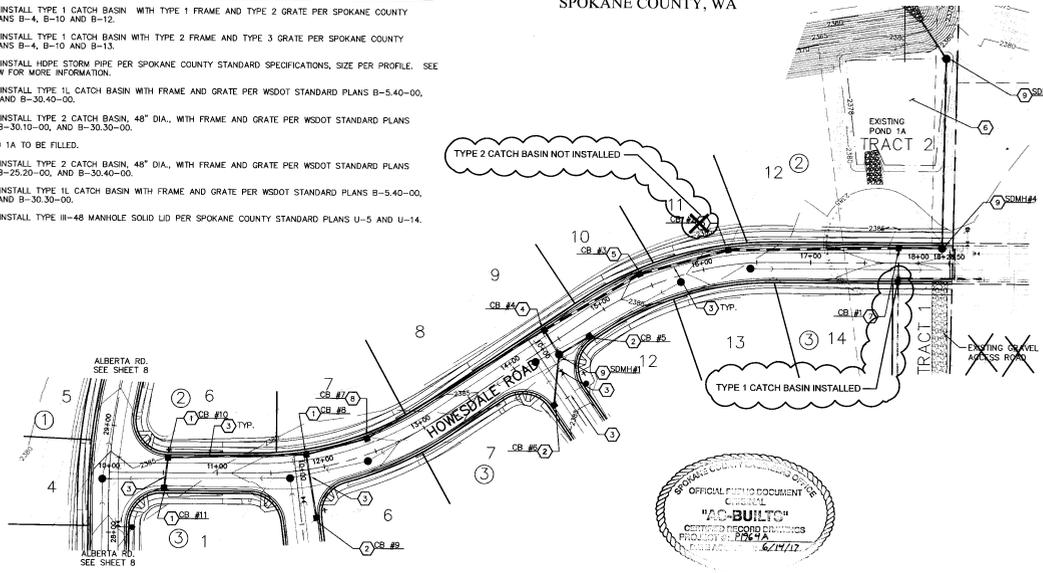
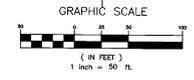


**CONSTRUCTION NOTES**

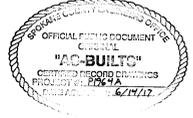
- ① PROVIDE AND INSTALL TYPE 1 CATCH BASIN WITH TYPE 1 FRAME AND TYPE 2 GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-12.
- ② PROVIDE AND INSTALL TYPE 1 CATCH BASIN WITH TYPE 2 FRAME AND TYPE 3 GRATE PER SPOKANE COUNTY STANDARD PLANS B-4, B-10 AND B-13.
- ③ PROVIDE AND INSTALL HDPE STORM PIPE 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-540-00, B-25.20-00, AND B-30.30-00.
- 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 EXISTING POND 1A TO BE FILLED.
- 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-540-00, 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

**RECORD  
DRAWING**



**NAV'D 88 DATUM**  
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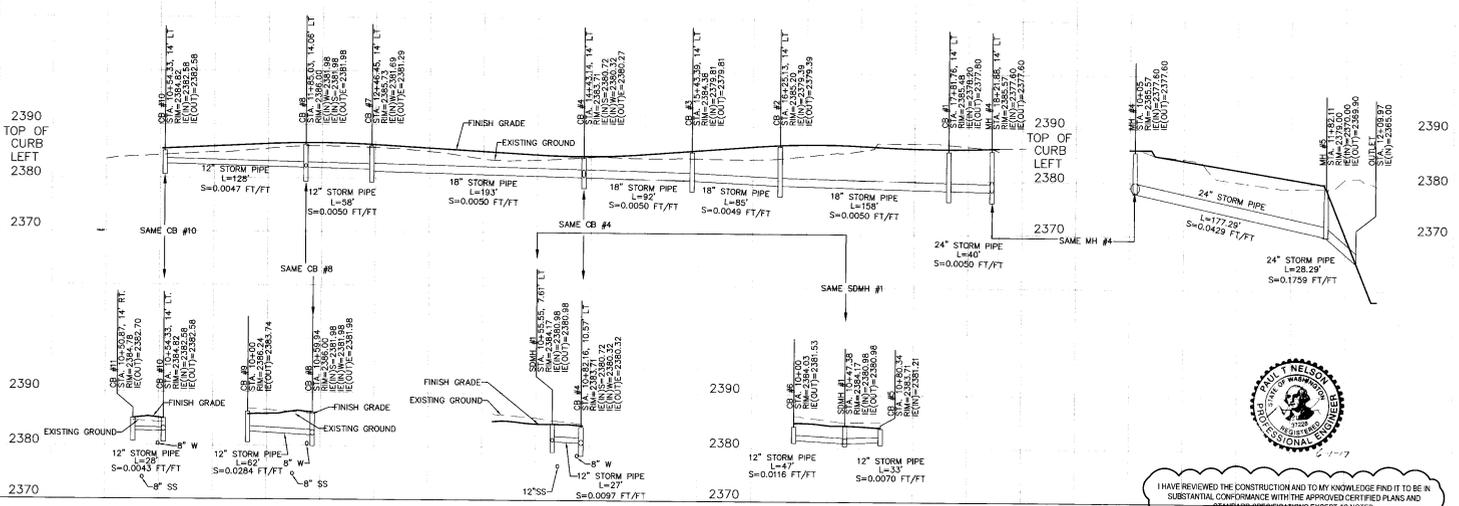
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PROJECT: JESSE'S BLUFF 4TH ADDITION	DATE: 07/03/08
DRAWN BY: KJM	DESIGNED BY: JFS
CHECKED BY: JFS	DATE: 07/03/08
PROJECT LOCATION: HOWSDALE STORM PLAN AND PROFILE	DATE: 07/03/08

SITE DEVELOPMENT CONSTRUCTION PLANS  
**JESSE'S BLUFF 4TH ADDITION**  
HOWSDALE ROAD STA. 10+00.00 TO 18+28.50  
WASHINGTON  
SPOKANE COUNTY



NO. 08-469
DESIGNED BY: JFS
CHECKED BY: JFS
DATE: 07/03/08

UNDERGROUND SERVICE ALERT  
ONE-CALL NUMBER  
1-800-424-5555  
CALL THE UTILITY BUREAU BEFORE YOU DIG



1. PAUL NIELSON	07/03/08
2. PAUL NIELSON	07/03/08
3. PAUL NIELSON	07/03/08
4. PAUL NIELSON	07/03/08

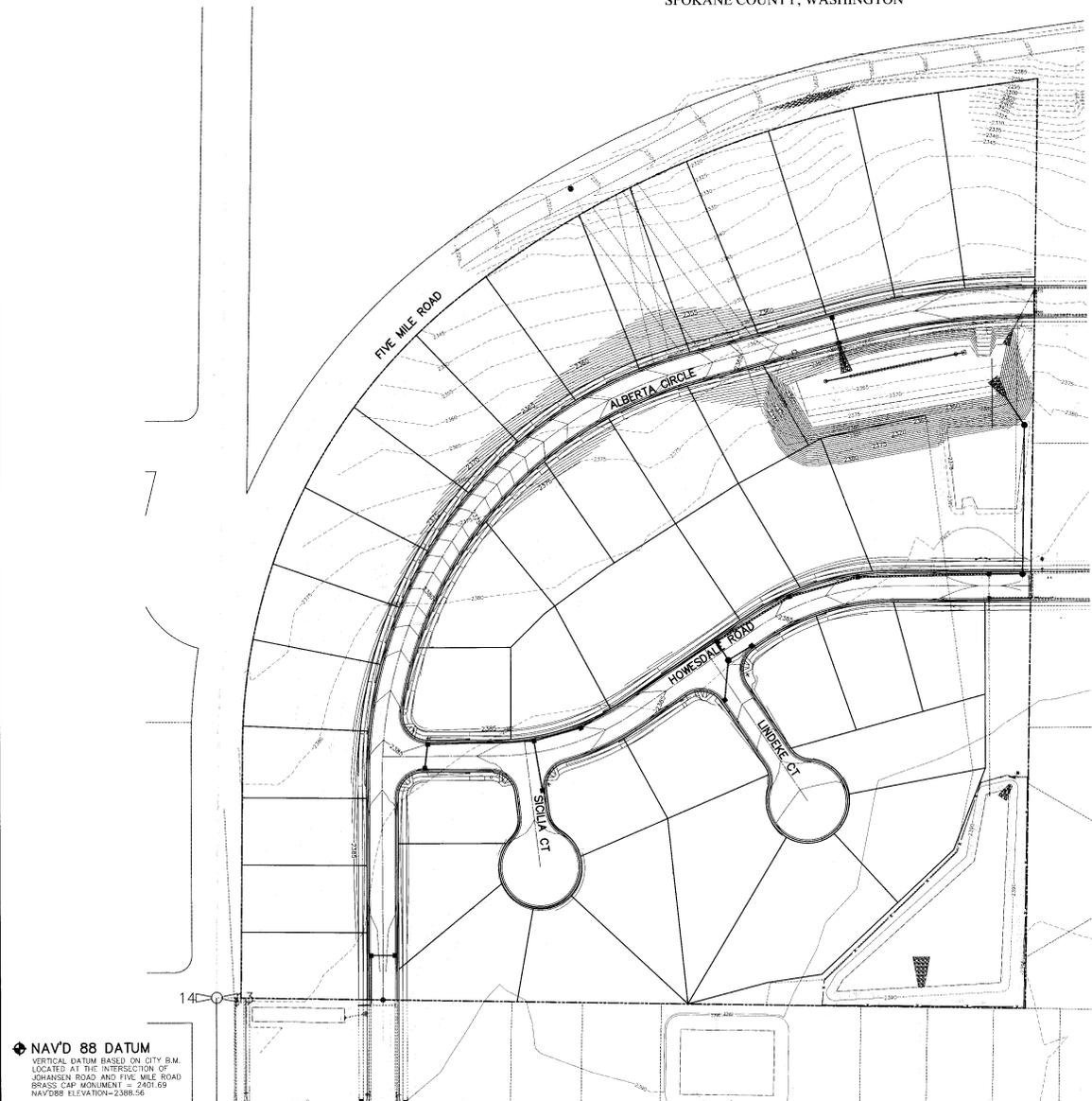
SITE DEVELOPMENT CONSTRUCTION PLANS  
JESSE'S BLUFF 4TH ADDITION  
POND DETAILS  
WASHINGTON  
SPOKANE COUNTY



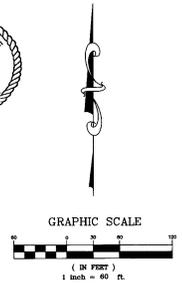
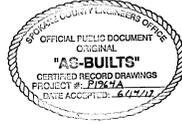
EXPIRES: 5/31/09

08-469  
DRAWN BY: KLM  
DESIGNED BY: JFS  
CHECKED BY: JFS  
DATE: 07/03/08

OVERALL GRADING PLAN



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