

# CENTENNIAL LANE NW 1/4 SECTION 6, T 25 N, R 44 E, W.M. SPOKANE COUNTY, WASHINGTON

## ENGINEER'S CERTIFICATE

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



EXPIRES: 10/14/

**THOMAS, DEAN & HOSKINS, INC.**  
 ENGINEERING CONSULTANTS  
 GREAT FALLS - BOZEMAN - KALISPELL - HELENA  
 SPOKANE - LEWISTON  
 MONTANA  
 WASHINGTON  
 IDAHO

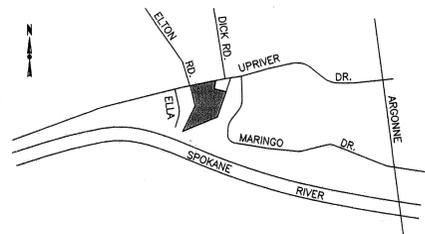


REVISIONS: 4/7/08 DESCR. RECORD DRAWING  
 BY: DATE DESCR. BY ALLWEST TESTING AND ENGINEERING  
 BY: DATE DESCR. BY:

DRAWN BY: EJD  
 DESIGNED BY: DAW  
 QUALITY CHECK: JMG  
 DATE: 10/11/06  
 JOB NO. 506-005  
 FIELDBOOK: SDR

**CENTENNIAL LANE SP-1359-04**  
**SPOKANE COUNTY, WASHINGTON**  
**STREETS AND DRAINAGE**  
**TITLE SHEET**

CAD NO. 506-005-01.DWG  
 SHEET 1 OF 3



VICINITY MAP

SHEET INDEX	
NUMBER	DESCRIPTION
1	TITLE SHEET
2	CENTENNIAL LANE PLAN AND PROFILE STA. 1+00 TO STA. 5+25
3	INTERSECTION & HAMMERHEAD PLANS AND TYPICAL SECTION

# RECORD DRAWING

## BENCHMARK

SOUTH SIDE OF UPRIVER DRIVE, DIRECTLY ACROSS FROM ELTON ROAD. "X" ON NORTH FLANGE BOLT OF FIRE HYDRANT. ELEVATION = 1965.25 (NAVD 88 DATUM)

### STANDARD CONSTRUCTION NOTES

1. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" 2001, AND AS AMENDED.
2. 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.
3. THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED ROAD AND DRAINAGE PLANS ON THE JOB 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 AND THE SPOKANE COUNTY ENGINEER'S OFFICE.
5. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (AMOCO 4545 OR APPROVED EQUIVALENT) BETWEEN THE WASHED DRAINROCK AND THE NATIVE SOIL ONLY. NO FABRIC SHALL BE INSTALLED BETWEEN THE DRYWELL BARREL AND THE WASHED DRAIN ROCK.
6. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATING SERVICE AT 456-8000 BEFORE YOU DIG.
7. 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.
8. 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.
9. ONSITE 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.



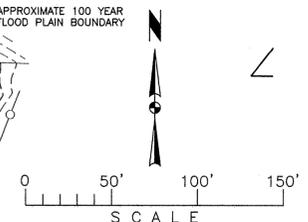
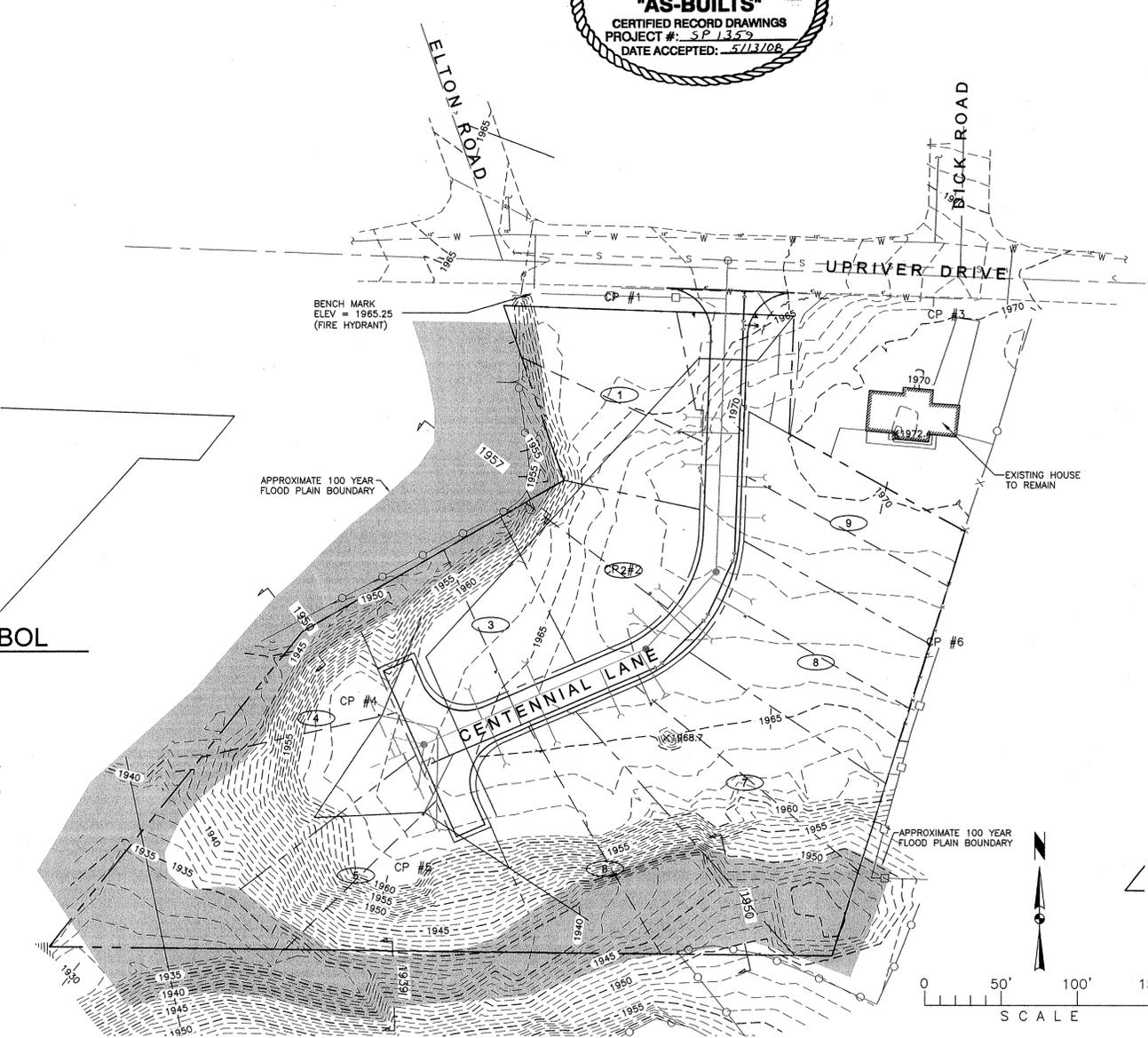
### LEGEND

- PROPERTY LINE
- - - EXISTING CURB
- - - EDGE OF ASPHALT
- - - CHAIN LINK FENCE
- - - WIRE FENCE
- - - WOOD FENCE
- - - 5' CONTOUR
- - - 1' CONTOUR
- CONTROL POINT
- IRON PIPE
- FIRE HYDRANT
- WATER VALVE
- STORM DRAIN MANHOLE
- UTILITY POLE
- UTILITY POLE ANCHOR
- LUMINAIRE
- EXISTING WATER MAIN
- WATER SERVICE
- NEW WATER MAIN
- NEW STREET SIGNS
- EXISTING SEWER
- NEW SEWER MANHOLE
- NEW SEWER MAIN
- NEW SEWER SERVICE
- EXISTING GAS LINE



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.



### STANDARD DRAWINGS

SPOKANE COUNTY ROADWAY SECTION - SHOULDERS	A-2
CUL-DE-SACS - PRIVATE ROADS	A-10a
MONUMENT CASE AND COVER	A14
STREET NAME SIGNS	A-16
PRECAST DRYWELLS PLACED IN SWALES	B-1a

### SYMBOL



**CALL BEFORE YOU DIG**  
**456-8000**  
 ONE CALL NUMBER  
 48 HOUR NOTICE REQUIRED

DEVELOPER'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

SP1359  
*Craig's Bull*

# RECORD DRAWING

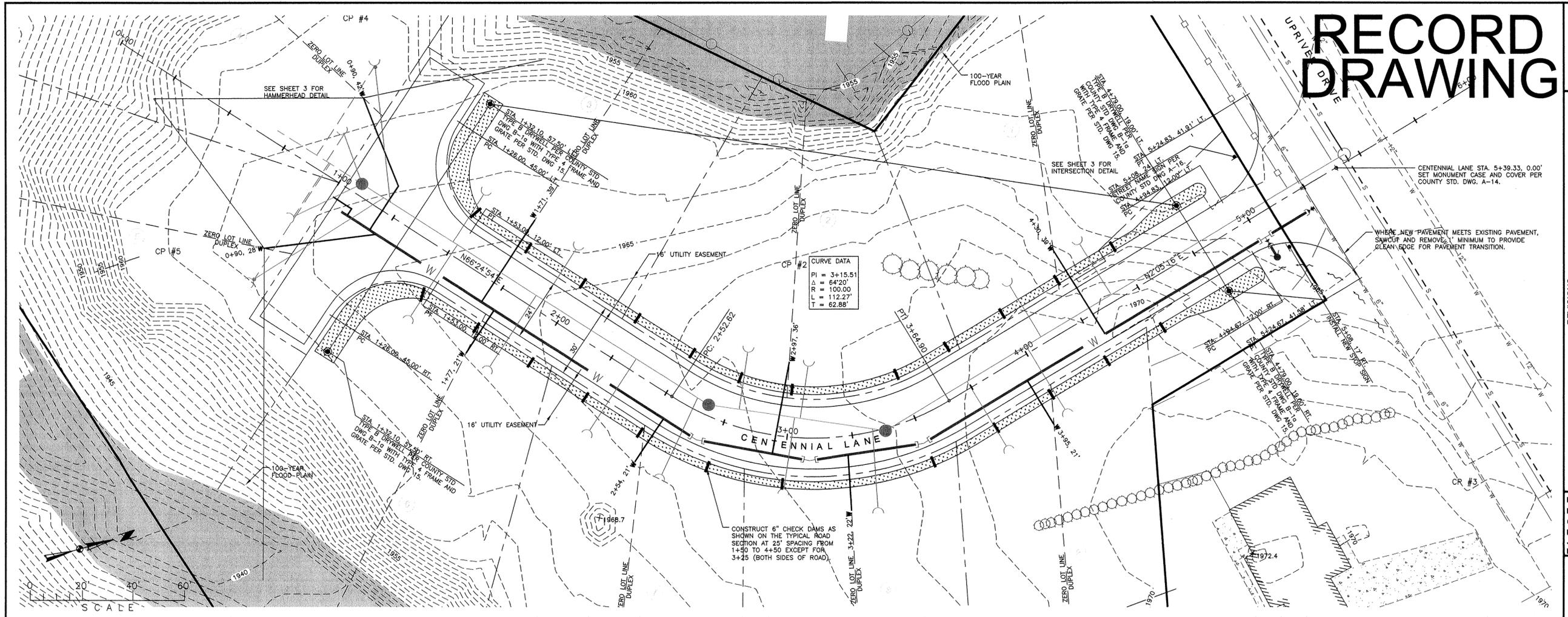


REVISIONS  
 4/708 DESCR. RECORD DRAWING  
 DESCR. BY ALLWEST TESTING AND ENGINEERING  
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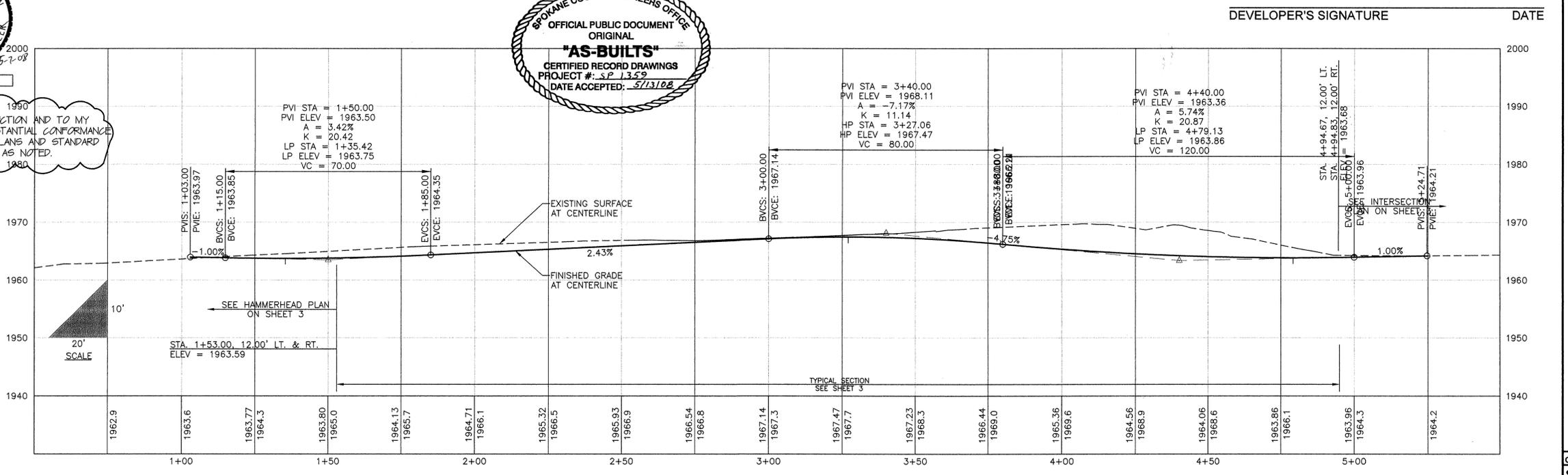
**THOMAS, DEAN & HOSKINS, INC.**  
 ENGINEERING CONSULTANTS  
 GREAT FALLS—BOZEMAN—KALISPELL—HELENA  
 SPOKANE LEWISTON  
 MONTANA WASHINGTON IDAHO



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 DATE: 10/11/06  
 JOB NO. S06-005  
 FIELD BOOK SDR



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DEVELOPER'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

CENTENNIAL LANE SP-1359-04  
 SPOKANE COUNTY, WASHINGTON  
 CENTENNIAL LANE  
 PLAN AND PROFILE - STA. 1+00 TO STA. 5+25

SP.1359 Eng As Built



# RECORD DRAWING

REVISIONS  
 47708 DESCR. RECORD DRAWING  
 47709 DESCR. BY ALL WEST TESTING AND ENGINEERING  
 47710 DESCR. BY  
 47711 DESCR. BY

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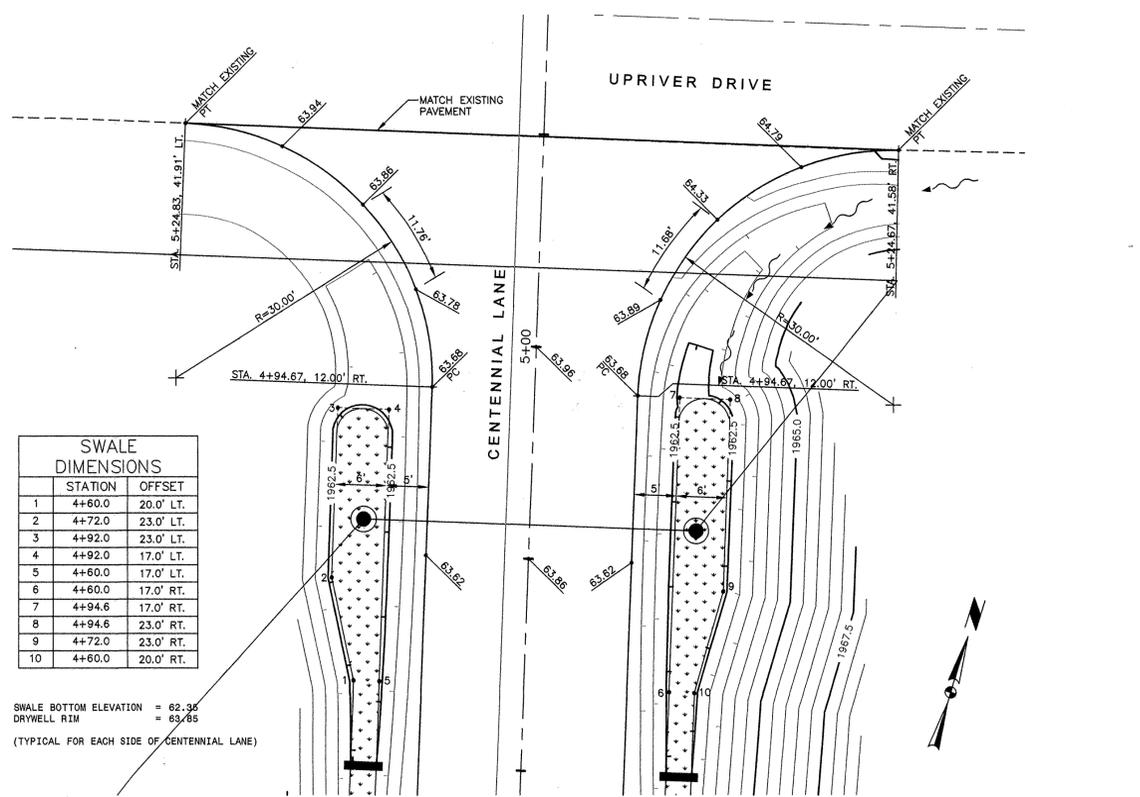
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INTERSECTION & HAMMERHEAD PLANS  
 AND TYPICAL SECTION

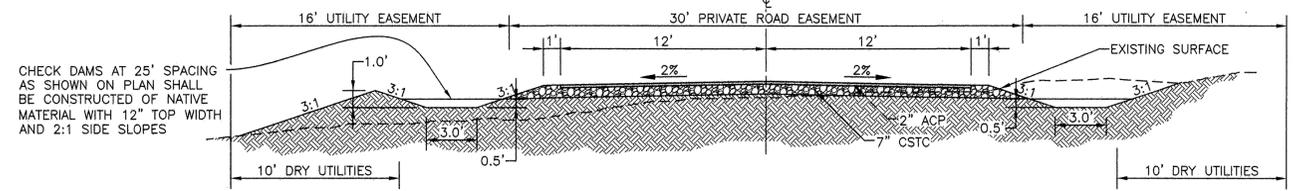
CAD NO. S06-005-03.DWG  
 SHEET 3 OF 3



SWALE DIMENSIONS	
STATION	OFFSET
1	4+60.0 20.0' LT.
2	4+72.0 23.0' LT.
3	4+92.0 23.0' LT.
4	4+92.0 17.0' LT.
5	4+60.0 17.0' RT.
6	4+60.0 17.0' RT.
7	4+94.6 17.0' RT.
8	4+94.6 23.0' RT.
9	4+72.0 23.0' RT.
10	4+60.0 20.0' RT.

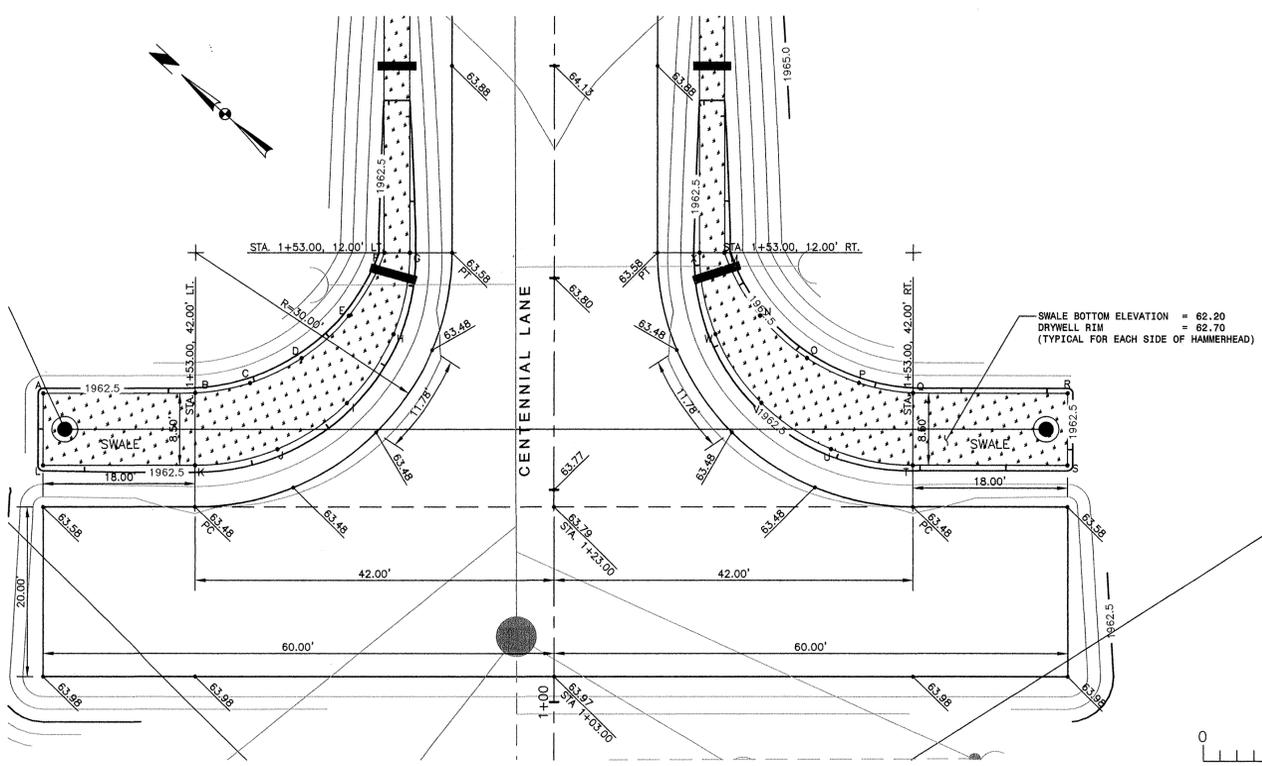
SWALE BOTTOM ELEVATION = 62.36  
 DRYWELL RIM = 63.85  
 (TYPICAL FOR EACH SIDE OF CENTENNIAL LANE)

INTERSECTION PLAN



CHECK DAMS AT 25' SPACING AS SHOWN ON PLAN SHALL BE CONSTRUCTED OF NATIVE MATERIAL WITH 12" TOP WIDTH AND 2:1 SIDE SLOPES

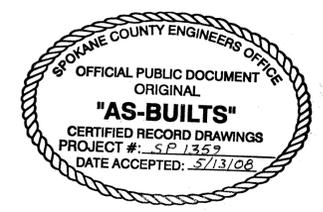
TYPICAL ROADWAY SECTION  
 (STA. 1+53 TO 4+95)



SWALE DIMENSIONS	
STATION	OFFSET
A	1+36.4 60.0' LT.
B	1+36.4 42.0' LT.
C	1+37.6 35.6' LT.
D	1+40.6 29.6' LT.
E	1+45.6 24.1' LT.
F	1+53.0 19.9' LT.
G	1+53.0 16.9' LT.
H	1+43.4 18.8' LT.
I	1+35.3 24.3' LT.
J	1+29.8 32.4' LT.
K	1+27.9 42.0' LT.
L	1+27.9 60.0' LT.
M	1+53.0 19.9' RT.
N	1+45.6 24.1' RT.
O	1+40.6 29.6' RT.
P	1+37.6 35.6' RT.
Q	1+36.4 42.0' RT.
R	1+36.4 60.0' RT.
S	1+27.9 60.0' RT.
T	1+27.9 42.0' RT.
U	1+29.8 32.4' RT.
V	1+35.3 24.3' RT.
W	1+43.4 18.8' RT.
X	1+53.0 16.9' RT.

SWALE BOTTOM ELEVATION = 62.20  
 DRYWELL RIM = 62.70  
 (TYPICAL FOR EACH SIDE OF HAMMERHEAD)

HAMMERHEAD PLAN



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ROADSIDE DRAINAGE DITCH/SWALE SHALL BE SEEDED WITH DRYLAND SEED MIX.

- GRASS SEED MIX:
- 20% ELKA PERENNIAL RYE
  - 20% DURAR HARD FESCUE
  - 5% COVAR SHEEP FESCUE
  - 15% REUBENS CANADIAN BLUEGRASS

PROVIDE MIXTURE COMPOSED OF GRASS SEED, 90# PER ACRE, FERTILIZER 16-16-16 TIMED RELEASE COMPOSITION, 300# PER ACRE. ALL SEEDING SHALL BE DONE IN ACCORDANCE WITH WSDOT SPECIFICATION SECTION 8.01.

DEVELOPER'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

SP1359 Eng As Built