

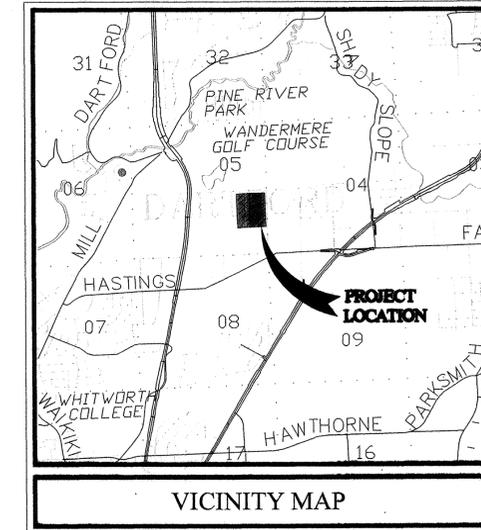
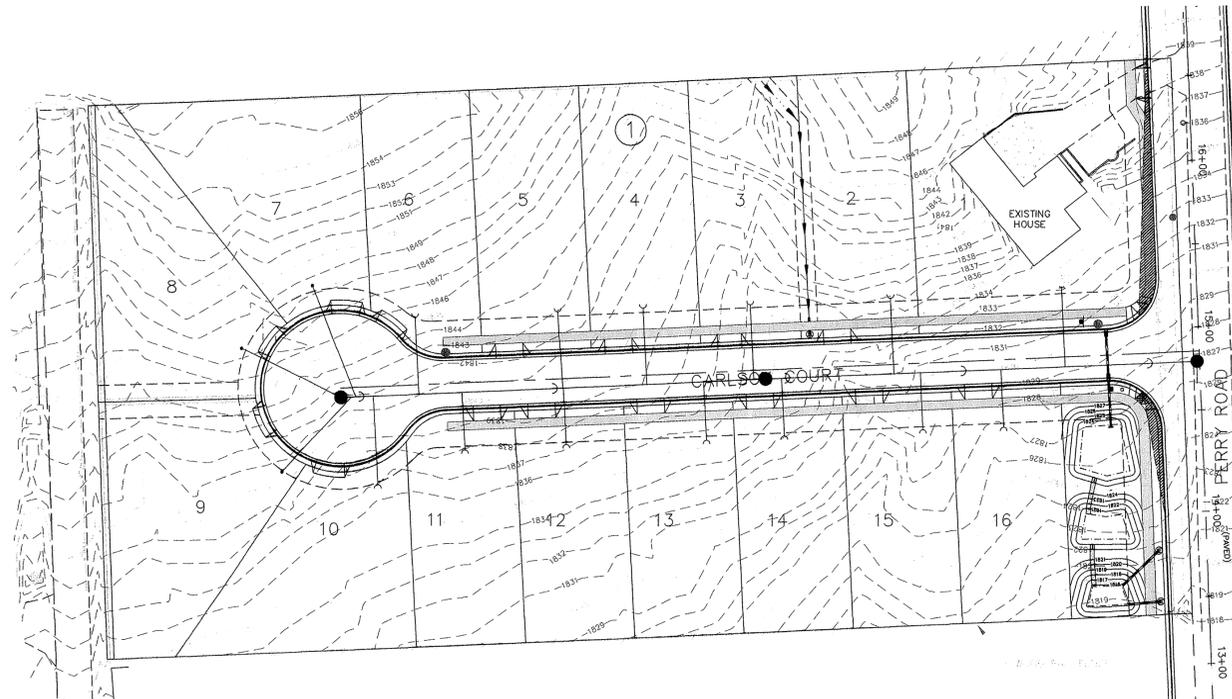
# RECORD DRAWING

## COVER SHEET FOR ZIGGY'S ADDITION SITE DEVELOPMENT CONSTRUCTION PLANS

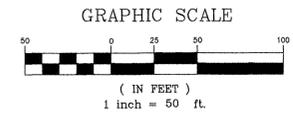
SEC. 5, T.26 N., R.43 E., W.M.  
SPOKANE COUNTY, WASHINGTON

### 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 SAYWERS, 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-10.
- 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.
- 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.
- 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 CONTRACTORS 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 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.
- NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL BY THE SPOKANE COUNTY ENGINEER AND NOTIFICATION OF THE ENGINEER OF RECORD.



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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.

### LEGAL DESCRIPTION

Tract 164, FIRST ADDITION TO CITY GARDENS as per plat recorded in Volume "Q" of Plats.  
Situate in the County of Spokane, State of Washington.

**VERTICAL DATUM NAVD 88**  
FOUND WSDOT BRASS DISK MONUMENT AT NW CORNER OF FARWELL RD. AND US HWY#2 MARKED "DO NOT DISTURB 1998/GP32395-200/SURVEY MONUMENT" ELEV.=1840.06 NAVD 88.

DEVELOPER'S APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_  
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 ENGINEERING DEPARTMENT AT THE COMPLETION OF CONSTRUCTION.

DEVELOPER'S APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_  
THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

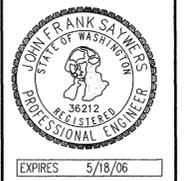
AS-BUILT APPROVAL(ENGINEER/SURVEYOR) \_\_\_\_\_ DATE \_\_\_\_\_

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.  
I APPROVE THESE PLANS FOR CONSTRUCTION.



|                                    |          |          |
|------------------------------------|----------|----------|
| RECORD DRAWING                     | 5/19/08  | DATE     |
| BY: ALWEST TESTING AND ENGINEERING |          |          |
| 1. REVISED ROAD PROFILE            | 10/15/07 | REVISION |
|                                    |          | NO.      |

SITE DEVELOPMENT CONSTRUCTION PLANS  
ZIGGY'S ADDITION  
COVER SHEET  
SPOKANE COUNTY WASHINGTON



Job no. 07005  
DRAWN BY: JCR DESIGNED BY: JCR  
CHECKED BY: JFS DATE: 10/15/07

COVER SHEET  
1 of 12  
SHEET

P-1982 Eng. A. Built

**GENERAL DEMOLITION NOTES**

1. THE CONTRACTOR SHALL OBTAIN A DEMOLITION PERMIT PRIOR TO ANY DEMOLITION ON SITE.
2. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM ALL UTILITY COMPANIES PRIOR TO ANY DEMOLITION WORK OR DISCONNECTION OF ANY SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL REQUIREMENTS OF THE RESPECTIVE UTILITY COMPANIES.
3. ALL VACATED UTILITIES SHALL BE COMPLETELY REMOVED FROM THE GROUND UNLESS OTHERWISE SPECIFIED.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE, INCLUDING BUT NOT LIMITED TO GAS, ELECTRIC, TELEPHONE, WATER, SANITARY SEWER AND STORM SEWER LINES.
5. NO EXISTING UTILITY, STRUCTURES OR UNDERGROUND IMPROVEMENT SHALL BE ABANDONED IN PLACE WITHOUT THE PERMISSION OF THE ENGINEER, OWNER AND GOVERNING AGENCY.
6. ALL DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND REQUIREMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL REQUIREMENTS INCLUDING BUT NOT LIMITED TO HAZARDOUS MATERIALS, DISPOSAL AND HOURS OF OPERATION.
7. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FOR SITE DEMOLITION. COST OF ALL PERMITS IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN AS PART OF THE CONTRACT.
8. ALL EXISTING TREES AND TREE ROOTS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED.
9. ALL EROSION CONTROL MEASURES DESIGNATED FOR THE SITE PERIMETER OR TO PROTECT EXISTING IMPROVEMENTS SHALL BE IN PLACE PRIOR TO THE START OF ANY DEMOLITION.

| CURVE TABLE |        |         |         |        |            |
|-------------|--------|---------|---------|--------|------------|
| CURVE       | RADIUS | LENGTH  | TANGENT | CHORD  | DELTA      |
| C1          | 30.00' | 46.80'  | 29.67'  | 42.19' | 89°22'30"  |
| C2          | 30.00' | 47.45'  | 30.33'  | 42.66' | 90°37'30"  |
| C3          | 30.00' | 28.01'  | 15.12'  | 27.01' | 53°30'13"  |
| C4          | 46.50' | 232.93' | 34.40'  | 55.31' | 287°00'28" |
| C5          | 30.00' | 28.01'  | 15.12'  | 27.01' | 53°30'13"  |

NOTE: CURVE DATA FOR CURB & GUTTER IS TO TOP FACE OF CURB.

**CONSTRUCTION NOTES**

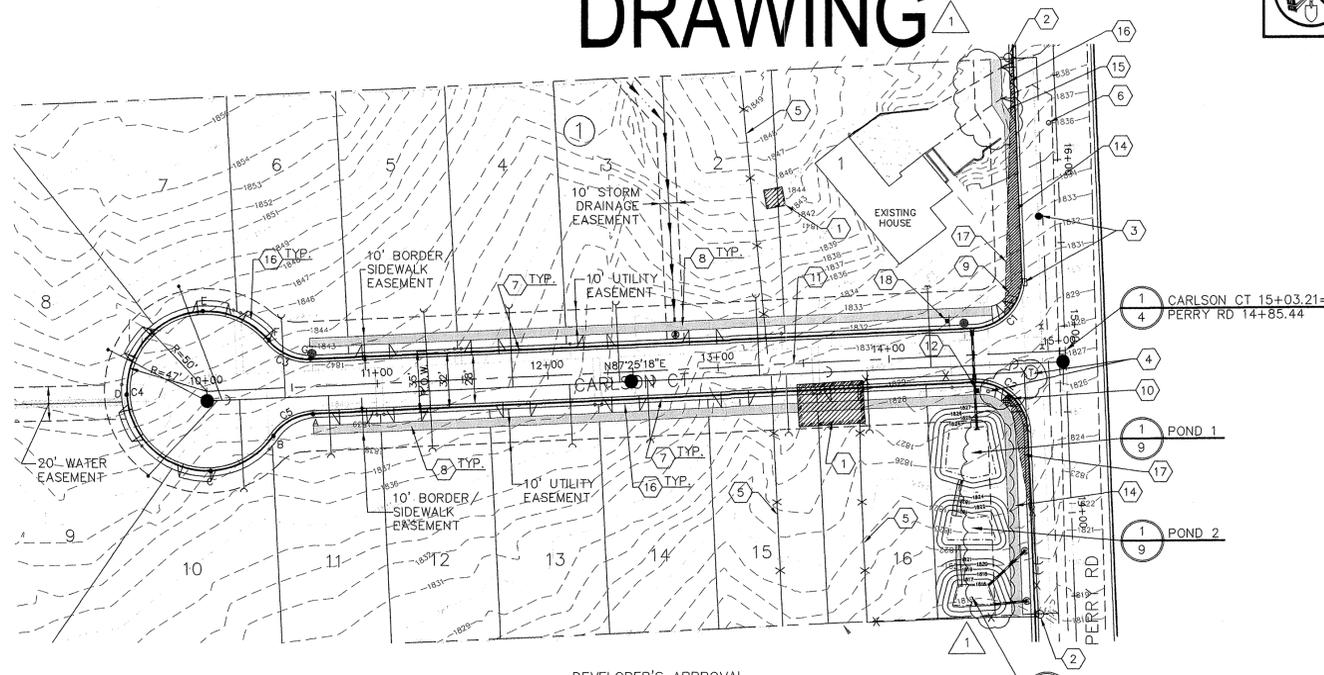
- 1 DEMOLISH AND REMOVE EXISTING OUT-BUILDINGS. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH ALL WASHINGTON STATE AND SPOKANE COUNTY STANDARDS AND SPECIFICATIONS. !!CAUTION!! CONTRACTOR SHALL COMPLY WITH LOCAL AND STATE REGULATIONS REGARDING HAZARDOUS MATERIALS.
- 2 REMOVE AND RELOCATE EXISTING POWER POLE. CONTRACTOR SHALL COORDINATE ALL WORK WITH AVISTA UTILITIES PRIOR TO CONSTRUCTION.
- 3 REMOVE AND RELOCATE EXISTING ELECTRICAL VAULTS. CONTRACTOR SHALL COORDINATE ALL WORK WITH AVISTA UTILITIES PRIOR TO CONSTRUCTION.
- 4 REMOVE AND RELOCATE EXISTING TELEPHONE RISER. CONTRACTOR SHALL COORDINATE ALL WORK WITH QWEST PRIOR TO CONSTRUCTION. RELOCATE TO CARLSON CT STA. 14+57, 21.2' RT.
- 5 REMOVE EXISTING FENCE.
- 6 REMOVE AND RELOCATE EXISTING MAILBOX
- 7 CONSTRUCT TYPE 'B' CURB AND GUTTER PER SPOKANE COUNTY STD PLAN A-3.
- 8 CONSTRUCT 5' SIDEWALK PER SPOKANE COUNTY STD PLAN A-4.
- 9 CONSTRUCT CURB RAMP, DESIGN 'A', PER SPOKANE COUNTY STD PLAN A-5.
- 10 CONSTRUCT CURB RAMP, DESIGN 'B', PER SPOKANE COUNTY STD PLAN A-5.
- 11 CONSTRUCT ROADWAY PER SECTION 2, SHEET 4.
- 12 INSTALL "STREET NAME" AND "STOP" SIGN AND POST PER SPOKANE COUNTY STANDARD PLAN A-16 AND CURRENT EDITION OF THE M.U.T.C.D.
- 13 NOT USED
- 14 CONSTRUCT 6' SIDEWALK PER SPOKANE COUNTY STD PLAN A-4.
- 15 PERRY ROAD STA. 16+24 TO STA. 16+36: TRANSITION CONTIGUOUS SIDEWALK TO SEPARATED SIDEWALK WITH 7' PLANTING STRIP.
- 16 CONSTRUCT DRIVEWAY PER SPOKANE COUNTY STD PLAN A-4.
- 17 SIGHT DISTANCE EASEMENT AND AREA AFFECTED.
- 18 STA. 14+35, 20' LT: INSTALL "DEAD END" SIGN AND POST PER SPOKANE COUNTY STANDARD SPECIFICATIONS AND CURRENT EDITION OF THE M.U.T.C.D.

SEC. 5, T.26 N., R.43 E., W.M.  
SPOKANE COUNTY, WASHINGTON

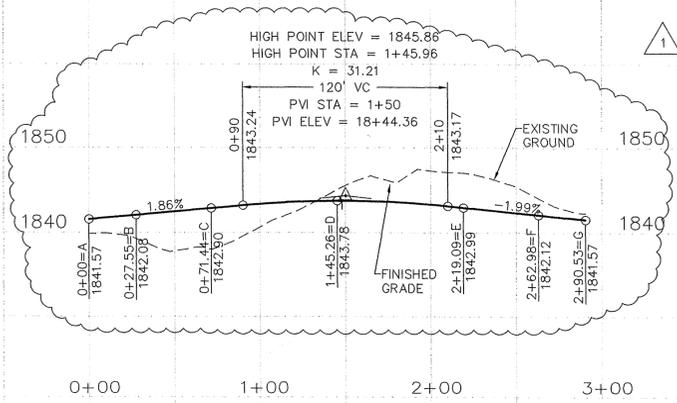
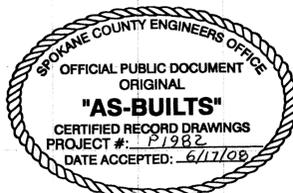
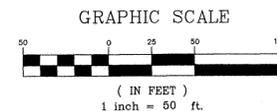
**RECORD DRAWING**

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

**SAYMERS Engineering**  
327 W 8th Ave, Suite 202  
Spokane, WA 99204  
(509) 744-0300  
(509) 744-0304 Fax

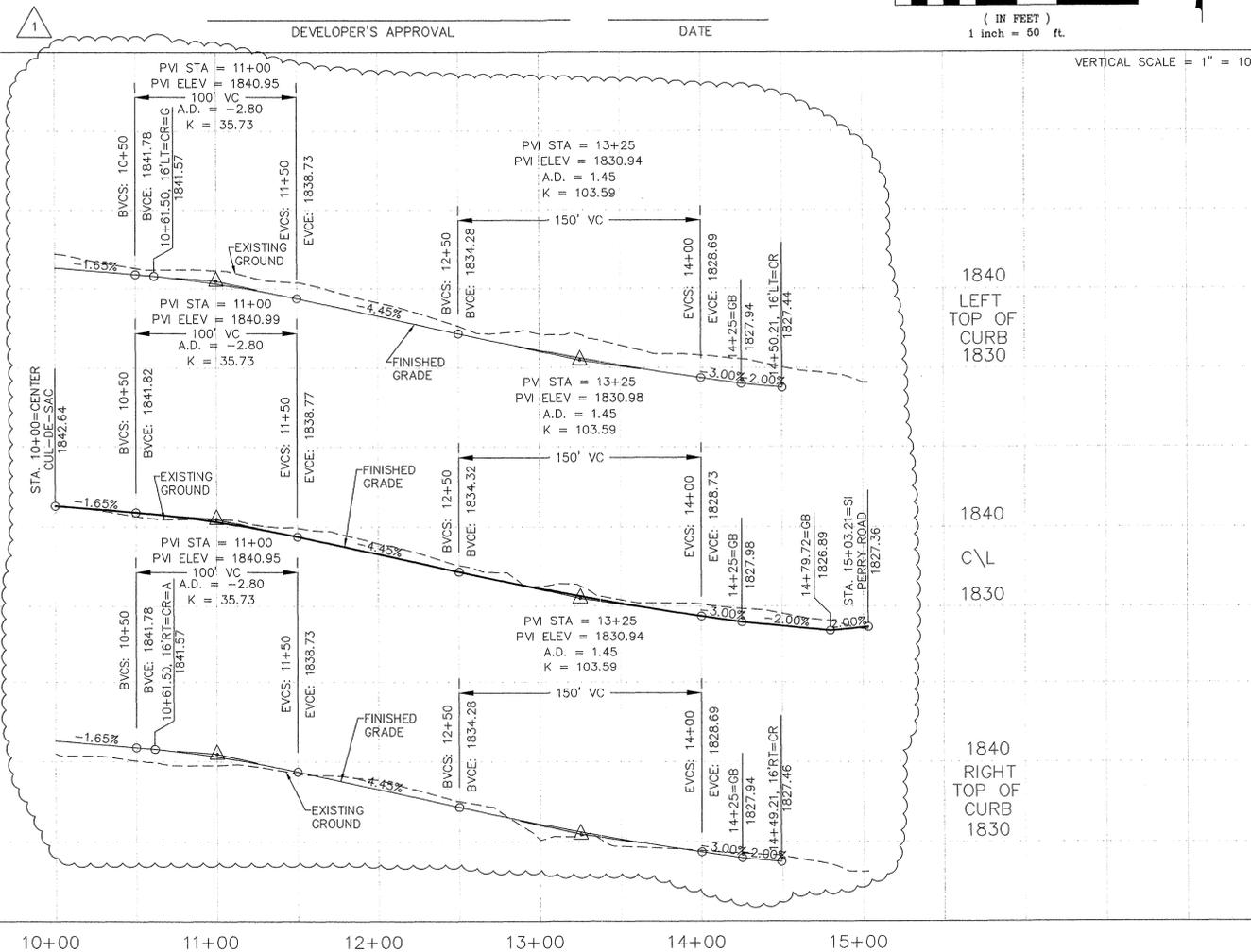


DEVELOPER'S APPROVAL  
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CARLSON CT CUL-DE-SAC

1850 LEFT TOP OF CURB 1840  
1850  
1840  
C/L  
1840  
1830  
1850 RIGHT TOP OF CURB 1840

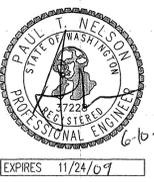


|                                |          |
|--------------------------------|----------|
| RECORD DRAWING AND ENGINEERING | 5/19/08  |
| 1 REVISED ROAD PROFILES        | 10/15/07 |
| NO                             | DATE     |

SITE DEVELOPMENT CONSTRUCTION PLANS  
ZIGGY'S ADDITION  
CARLSON COURT STA. 10+00 TO STA. 15+03.21  
WASHINGTON  
SPOKANE COUNTY



Job no: 07005  
DRAWN BY: JCR  
DESIGNED BY: JCR  
CHECKED BY: JFS  
DATE: 10/15/07  
CARLSON COURT PLAN AND PROFILE

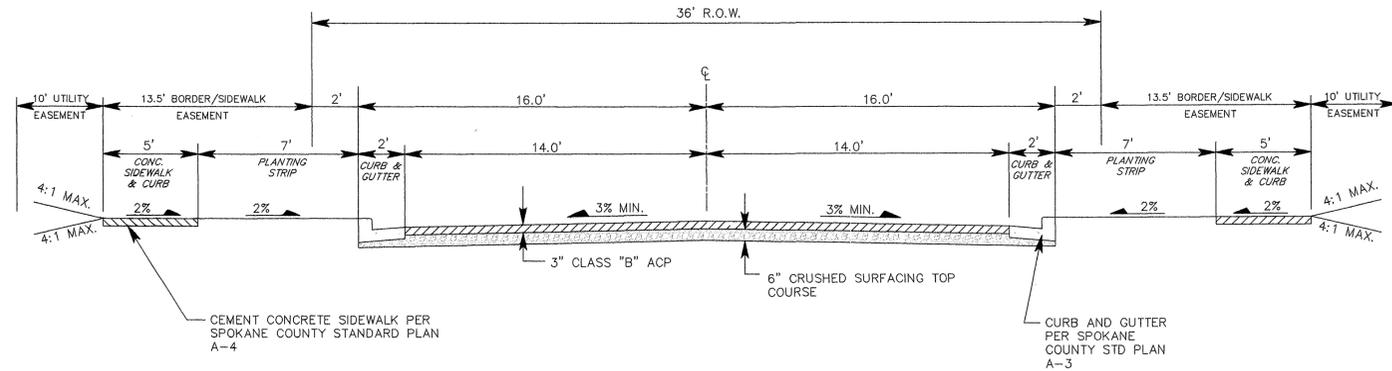
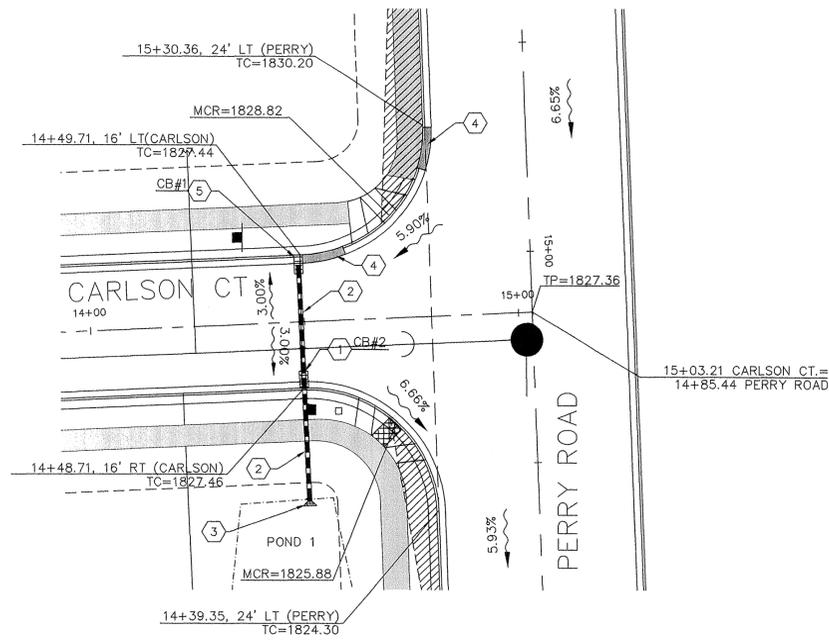


I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

P-1982 Eng. As-Builts

# RECORD DRAWING

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



TYPICAL CROSS SECTION (CARLSON COURT):  
NOT TO SCALE

2

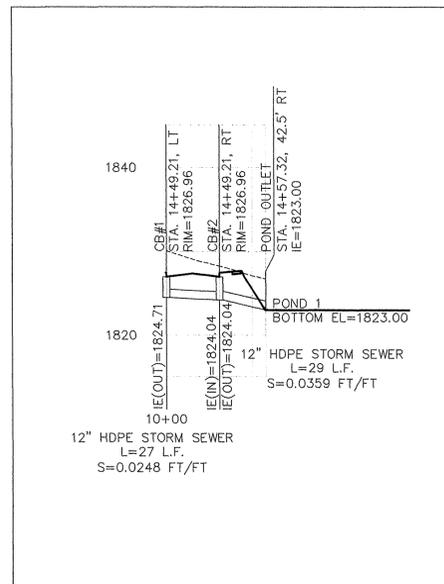
## CONSTRUCTION NOTES

- 1 INSTALL W.S.D.O.T. TYPE 2 GRATE INLET PER STANDARD PLAN B-35.40-00 WITH LONG EDGE PERPENDICULAR TO FLOW.
- 2 INSTALL 12" HDPE STORM PIPE. SEE PROFILE, DETAIL 4, THIS SHEET.
- 3 CONSTRUCT ENERGY DISSIPATOR PER DETAIL 5, SHEET 9.
- 4 CONSTRUCT 10' TRANSITION FROM TYPE 'B' CATCH CURB TO TYPE 'B' SPILL CURB. SEE DETAIL 4, THIS SHEET.
- 5 INSTALL TYPE 1 CATCH BASIN WITH TYPE 2 FRAME AND TYPE 3 GRATE PER SPOKANE COUNTY STD PLANS B-4, B-11, B-14.

## INTERSECTION DETAIL

SCALE: 1" = 20'

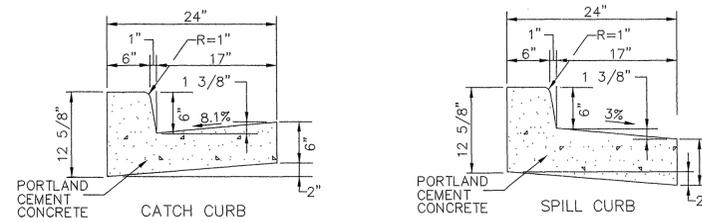
1



## STORM LINE PROFILE

HORIZ. SCALE: 1"=50'  
VERT. SCALE: 1"=10'

4



TYPE 'B' CURB AND GUTTER  
NOT TO SCALE

4



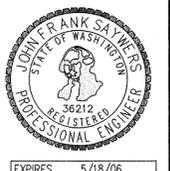
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DEVELOPER'S APPROVAL  
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DEVELOPER'S APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

| NO. | REVISION | DATE |
|-----|----------|------|
|     |          |      |
|     |          |      |
|     |          |      |

SITE DEVELOPMENT CONSTRUCTION PLANS  
ZIGGY'S ADDITION  
STREET DETAILS  
WASHINGTON  
SPOKANE COUNTY

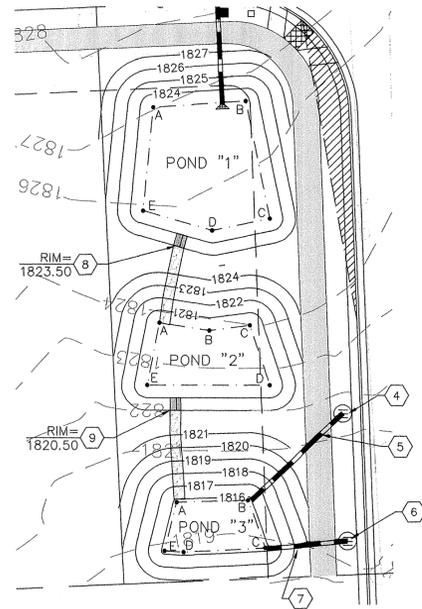


|              |          |
|--------------|----------|
| Job no.      | 07005    |
| DRAWN BY:    | JCR      |
| DESIGNED BY: | JCR      |
| CHECKED BY:  | JFS      |
| DATE:        | 10/15/07 |

STREET DETAILS

P-1982 Eng. As-Built

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



SEC. 5, T.26 N., R.43 E., W.M.  
 SPOKANE COUNTY, WASHINGTON

CONSTRUCTION NOTES

- CARLSON CT. STA. 12+76, 20.5' LT: INSTALL TYPE 'A' DRYWELL PER SPOKANE COUNTY STD PLAN B-1. RIM=1833.25.
- INSTALL APPROX. 10 L.F. OF 8" PVC STORM PIPE, TRENCH AND BEDDING PER SPOKANE COUNTY STANDARD SPECIFICATIONS. IE @ POND 2=1816.25, IE @ DRYWELL=1831.20, S=0.2150 FT/FT.
- CONSTRUCT 1' DEEP DITCH PER SPOKANE COUNTY STANDARD SPECIFICATIONS AND DETAILS 3 & 4, THIS SHEET.
- PERRY RD. STA. 13+68, 28.5' LT: INSTALL TYPE 'A' DRYWELL PER SPOKANE COUNTY STD PLAN B-1. RIM=1820.53.
- INSTALL APPROX. 30 L.F. OF 10" PVC STORM PIPE, TRENCH AND BEDDING PER SPOKANE COUNTY STANDARD SPECIFICATIONS. IE @ POND 2=1816.25, IE @ DRYWELL=1816.00, S=0.0083 FT/FT.
- PERRY RD. STA. 13+38, 28.5' LT: INSTALL TYPE 'B' DRYWELL PER SPOKANE COUNTY STD PLAN B-1. RIM=1818.95.
- INSTALL APPROX. 19 L.F. OF 10" PVC STORM PIPE, TRENCH AND BEDDING PER SPOKANE COUNTY STANDARD SPECIFICATIONS. IE @ POND 3=1816.25, IE @ DRYWELL=1816.00, S=0.0132 FT/FT.
- CONSTRUCT 1.6' CONCRETE WEIR. SEE DETAIL 6, THIS SHEET. RIM PER PLAN.
- CONSTRUCT 1.5' CONCRETE WEIR. SEE DETAIL 6, THIS SHEET. RIM PER PLAN.

RECORD DRAWING

**Saywers Engineering**  
 327 W 8th Ave, Suite 202  
 Spokane, WA 99204  
 (509) 744-0300  
 (509) 744-0304 Fax

|  |          |          |
|--|----------|----------|
| RECORD DRAWING AND ENGINEERING             | 5/19/08  | DATE     |
| by ALLWEST TESTING AND ENGINEERING         |          |          |
| 1. REVISED ROAD PROFILE/DRYWELL ELEVATIONS | 10/15/07 | REVISION |
|  |          |          |

**POND "1"**

FINISHED GRADE POND BOTTOM EL=1823.00  
 POND BOTTOM AREA PROVIDED=718 S.F.  
 MINIMUM BERM ELEV.=1825.00 **224 S.F.**

**POND BOTTOM LOCATION TABLE (CARLSON CT STATION & OFFSET)**

| POINT | STATION  | OFFSET   |
|-------|----------|----------|
| A     | 14+33.08 | 42.4' RT |
| B     | 14+54.74 | 41.8' RT |
| C     | 14+59.06 | 69.6' RT |
| D     | 14+45.47 | 71.9' RT |
| E     | 14+29.56 | 66.5' RT |

**POND "2"**

FINISHED GRADE POND BOTTOM EL=1820.00  
 POND BOTTOM AREA PROVIDED=350 S.F.  
 MINIMUM BERM ELEV.=1822.00 **622 S.F.**

**POND BOTTOM LOCATION TABLE (CARLSON CT STATION & OFFSET)**

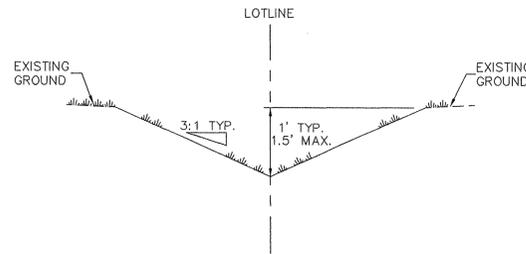
| POINT | STATION  | OFFSET    |
|-------|----------|-----------|
| A     | 14+32.07 | 93.5' RT  |
| B     | 14+43.67 | 95.9' RT  |
| C     | 14+53.15 | 95.0' RT  |
| D     | 14+57.12 | 109.6' RT |
| E     | 14+28.55 | 108.4' RT |

**POND "3"**

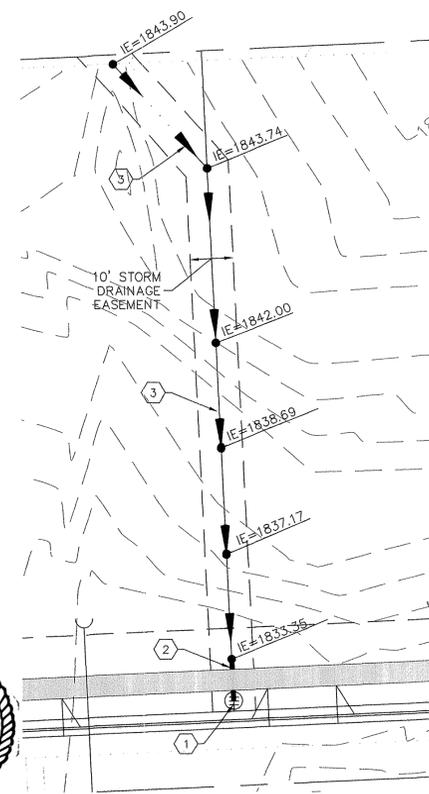
FINISHED GRADE POND BOTTOM EL=1815.75  
 POND BOTTOM AREA PROVIDED=238 S.F.  
 MINIMUM BERM ELEV.=1818.00 **213 S.F.**

**POND BOTTOM LOCATION TABLE (CARLSON CT STATION & OFFSET)**

| POINT | STATION  | OFFSET    |
|-------|----------|-----------|
| A     | 14+34.05 | 136.3' RT |
| B     | 14+50.78 | 139.5' RT |
| C     | 14+54.23 | 148.0' RT |
| D     | 14+35.17 | 148.1' RT |
| E     | 14+30.66 | 147.6' RT |



TYPICAL DITCH CROSS-SECTION  
 NOT TO SCALE



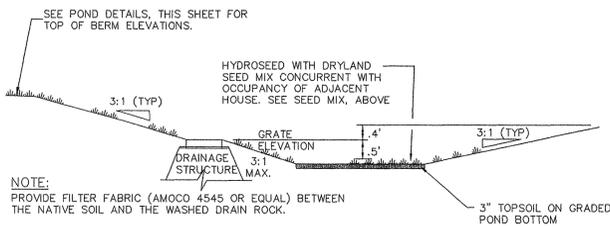
DITCH DETAIL  
 SCALE: 1"=20'

POND DETAILS  
 NOT TO SCALE

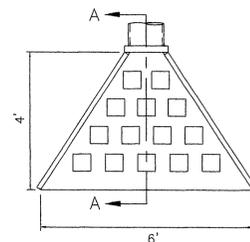
\*DRYLAND GRASS SEED MIX

SPOKANE COUNTY PUBLIC WORKS, FEBRUARY 1998  
 GRASS SEED: PROVIDE FRESH, CLEAN, NEW CROP SEED COMPLYING WITH TOLERANCE OF PURITY AND GERMINATION ESTABLISHED BY THE OFFICIAL SEED ANALYSIS OF NORTH AMERICA. PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES AND PERCENTAGES AS FOLLOWS:  
 20% ELKA PERENNIAL RYE  
 20% DURAR HARD FESCUE  
 45% COVAR SHEEP/FESCUE  
 15% REUBENS CANADIAN BLUEGRASS

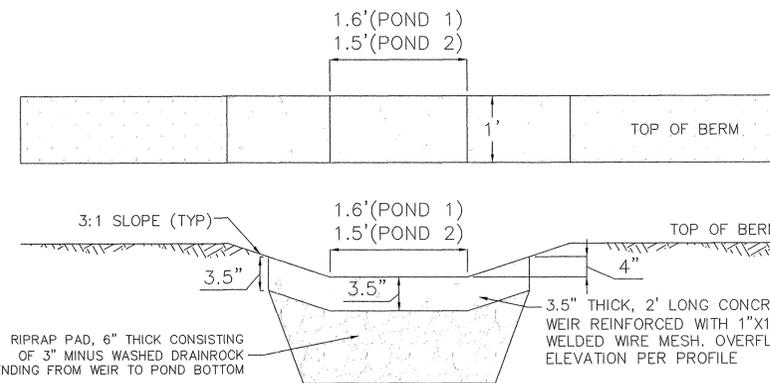
PROVIDE MIXTURE COMPOSED OF GRASS SEED AND FERTILIZER IN PERCENTAGES AS FOLLOWS:  
 GRASS SEED: 90 LBS. PER ACRE  
 FERTILIZER: 16-16-16 TIMED RELEASE COMPOSITION, 300 LBS. PER ACRE  
 ALL SEEDING OF SLOPES SHALL BE DONE IN ACCORDANCE WITH THE W.S.D.O.T. STANDARD SPECIFICATIONS, SEC. 8-01.  
 APPLY MULCH PER SECTION 2-5.3.2 IN APPENDIX K OF THE GSM.



TYPICAL "208" POND WITH DRAINAGE STRUCTURE  
 NOT TO SCALE



SECTION A-A



TYPICAL REINFORCED CONCRETE WEIR DETAIL  
 NOT TO SCALE

NOTES:

- USE CLASS 'A' CONCRETE, FC=3000 PSI AT 28 DAYS UNLESS NOTED.
- PLACE 4 ROWS OF BASALT ROCKS, APPROX DIAMETER 6", EVENLY SPACED AND BURIED 2" INTO THE BASE OF THE CONCRETE PAD.
- CHAMFER EXPOSED EDGES OF CONCRETE 3/4" UNLESS NOTED.
- WING WALL IS TO EXTEND FROM 6" ABOVE OUTLET PIPE TO EVEN WITH CONCRETE PAD AT EDGE OF STRUCTURE.

ENERGY DISSIPATOR 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.



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

SITE DEVELOPMENT CONSTRUCTION PLANS  
 ZIGGY'S ADDITION  
 STORM SEWER PLAN AND PROFILE  
 SPOKANE COUNTY WASHINGTON



Job no. 07005

|                 |                  |
|-----------------|------------------|
| DRAWN BY: JCR   | DESIGNED BY: JCR |
| CHECKED BY: JFS | DATE: 10/15/07   |

STORM DETAILS  
 9 of 12  
 SHEET

P-1982 As-Built

**GENERAL NOTES**

1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED SITE WORK STANDARDS AND THE STANDARDS AND SPECIFICATIONS SET FORTH IN THE SPOKANE COUNTY REGULATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK WITHIN PUBLIC R.O.W. OR EASEMENTS SHALL BE INSPECTED AND APPROVED BY THE SPOKANE COUNTY INSPECTOR. INSPECTION SERVICES AND CONSTRUCTION CERTIFICATION TO BE PROVIDED BY DESIGNEE OF PROJECT SPONSOR/OWNER.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT THE CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE SPOKANE COUNTY INSPECTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITY OR CONSTRUCTION ON ANY AND ALL PUBLIC IMPROVEMENTS.
4. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH 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 THE SPOKANE COUNTY THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND PHASING PLAN, IN ACCORDANCE WITH M.U.T.C.D. FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN OR AFFECTING THE RIGHT-OF-WAY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY SAID PLANS. PRIOR TO INSTALLATION A PRECONSTRUCTION CONFERENCE SHALL BE HELD WITH THE 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 THE 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 APPROVAL BY THE SPOKANE COUNTY ENGINEER AND NOTIFICATION OF THE ENGINEER OF RECORD.

**EROSION & SEDIMENT CONTROL**

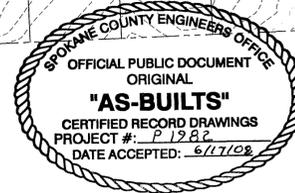
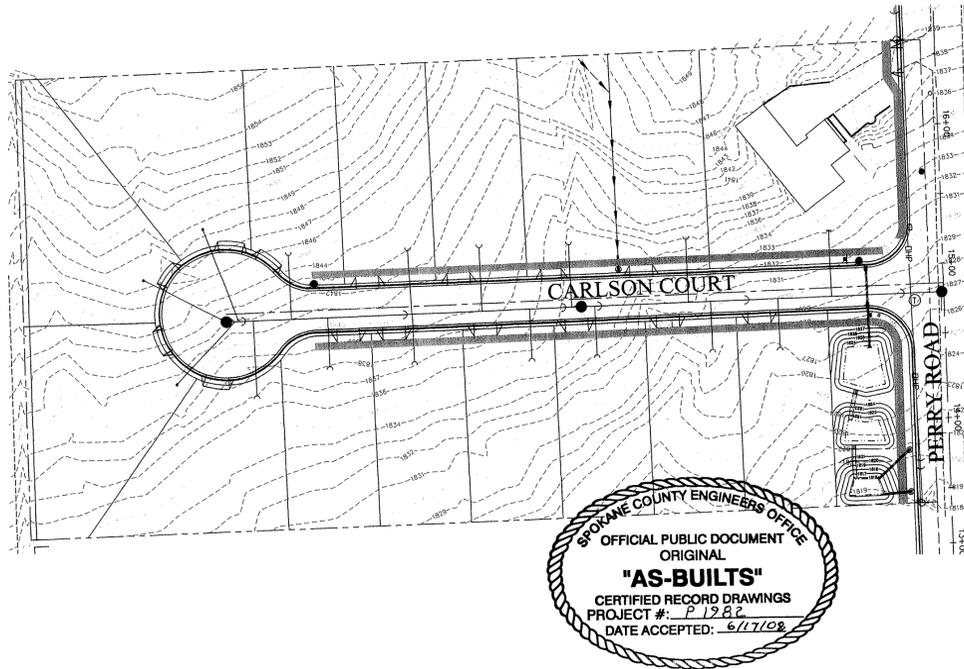
**GENERAL NOTES AND INFORMATION**

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 THE 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 SHEET 12.
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: ZIGGY'S CONSTRUCTION DEVELOPMENT LLC, PERMIT APPLICANT: JOHN SAYWERS. CONTACT PERSON ON SITE: MARTY HARE.
9. PROJECT LOCATION: IN SPOKANE COUNTY, IN SECTION 5, TOWNSHIP 26 NORTH, RANGE 43 EAST, W.M.
10. PROJECT DESCRIPTION: ZIGGY'S ADDITION IS A RESIDENTIAL SUBDIVISION CONSISTING OF 16 LOTS AND WILL REQUIRE CONSTRUCTION OF ROADS AND DRY UTILITIES. 500 LINEAR FEET OF NEW 32 FEET WIDE STREETS, WITH ASSOCIATED STORM DRAINAGE.
11. DESCRIPTION OF E.S.C. MEASURES: USE OF SILT FENCES AND ROCK CONSTRUCTION ENTRANCES. ALL E.S.C. MEASURES MENTIONED ABOVE ARE TEMPORARY AND WILL BE REMOVED AFTER YARDS ARE LANDSCAPED.
12. EXISTING VEGETATION: VACANT LAND WITH GRASS AND WEED COVER
13. PLAN PREPARATION DATE: JUNE 21, 2006
14. SOILS: MARBLE LOAMY COARSE SAND (MbC)

# ZIGGY'S ADDITION

## EROSION CONTROL PLAN

SEC.5, T.26 N., R.43E., W.M.  
SPOKANE COUNTY, WASHINGTON



15. STABILIZATION OF DENUDED AREAS:  
ANY DISTURBED AREAS, WHICH WOULD BE LEFT BARE FOR MORE THAN 7 DAYS AND ARE NOT INTENDED TO BE REWORKED WITHIN 30-45 DAYS SHALL BE SEEDED WITH A FAST STARTING NATIVE DRYLAND GRASS SUCH AS ANNUAL RYE, OR APPROVED EQUAL, AT A RATE OF 60 lbs/ACRE.
16. CONTROL OF POLLUTANTS:  
ANY SPILLS WILL BE HANDLED ACCORDING TO D.O.E. AND D.O.H. GUIDELINES.
17. LIMITS OF GRADING:  
DURING THE COURSE OF CONSTRUCTION, THE AMOUNT OF DISTURBED AREA SHALL BE KEPT TO A MINIMUM AND SHALL BE LIMITED TO THE AREA SHOWN AS "LIMITS OF GRADING" ON THIS SHEET OF THE EROSION CONTROL PLANS.

**MAINTENANCE**

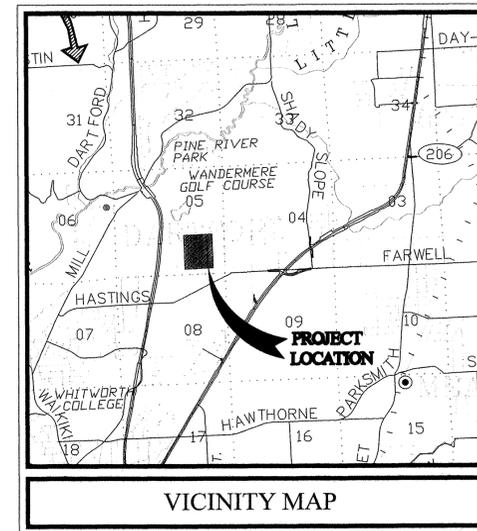
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF THE TEMPORARY E.S.C. MEASURES.
2. SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RUNOFF-PRODUCING RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
3. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF FILTER FABRIC SHALL BE ACCOMPLISHED PROMPTLY.
4. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RUNOFF-PRODUCING RAINFALL. DEPOSITS MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY 1/2 THE HEIGHT OF THE BARRIER.
5. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE E.S.C STRUCTURE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDDED.
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

# RECORD DRAWING

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



**LEGAL DESCRIPTION**

Tract 164, FIRST ADDITION TO CITY GARDENS as per plat recorded in Volume "Q" of Plats.

Situate in the County of Spokane, State of Washington.

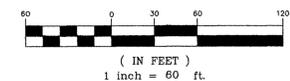


I HAVE REVIEWED THE CONSTRUCTION AND TO MY KNOWLEDGE FIND IT TO BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CERTIFIED PLANS AND STANDARD SPECIFICATIONS EXCEPT AS NOTED.

VERTICAL DATUM NAVD 88

FOUND WSDOT BRASS DISK MONUMENT AT NW CORNER OF FARWELL RD. AND US HWY#2 MARKED "DO NOT DISTURB 1998/GP32395-200/SURVEY MONUMENT" ELEV.=1840.06 NAVD 88.

GRAPHIC SCALE



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.  
I APPROVE THESE PLANS FOR 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 ENGINEERING DEPARTMENT AT THE COMPLETION OF CONSTRUCTION.

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

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

\_\_\_\_\_  
RECORD DRAWING APPROVAL(ENGINEER/SURVEYOR) DATE



|                                    |          |
|------------------------------------|----------|
| 5/15/08                            | DATE     |
| RECORD DRAWING                     | NO.      |
| by ALLWEST TESTING AND ENGINEERING | REVISION |

SITE DEVELOPMENT CONSTRUCTION PLANS  
ZIGGY'S ADDITION  
EROSION CONTROL PLAN  
WASHINGTON  
SPOKANE COUNTY



EXPIRES 5/18/08

Job no. 07005

DRAWN BY: JCR DESIGNED BY: JFS

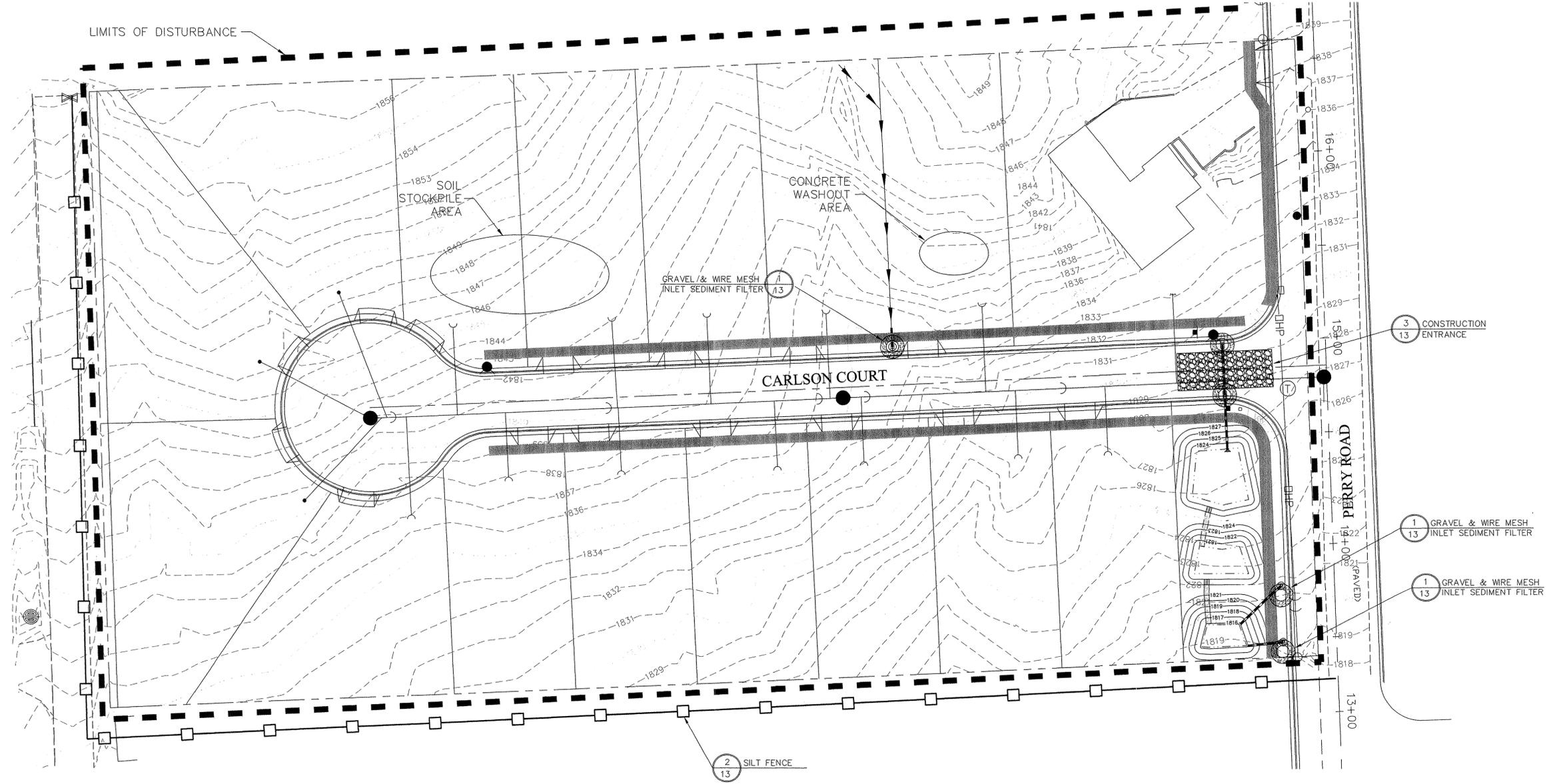
CHECKED BY: JFS DATE: 10/15/07

EROSION CONTROL PLAN

10 of 12 SHEET

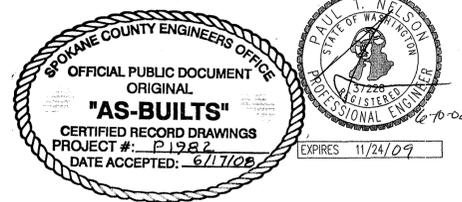
P-1982 EngAs Built

# RECORD DRAWING



|                                    |          |
|------------------------------------|----------|
| 5/17/08                            | DATE     |
| RECORD DRAWING                     | REVISION |
| by ALLWEST TESTING AND ENGINEERING | NO       |

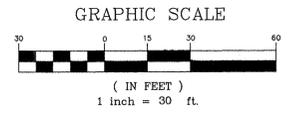
SITE DEVELOPMENT CONSTRUCTION PLANS  
**ZIGGY'S ADDITION**  
 EROSION CONTROL PLAN  
 WASHINGTON  
 SPOKANE



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

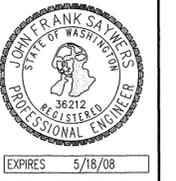
**LEGEND**

|  |                       |
|--|-----------------------|
|  | SILT FENCE            |
|  | INLET PROTECTION      |
|  | OUTLET PROTECTION     |
|  | CONSTRUCTION ENTRANCE |



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.



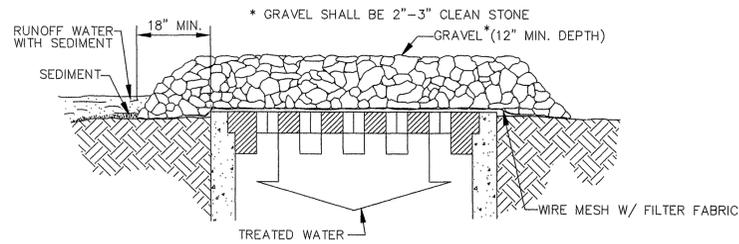
|              |          |
|--------------|----------|
| Job no.      | 07005    |
| DRAWN BY:    | JCR      |
| DESIGNED BY: | JCR      |
| CHECKED BY:  | JFS      |
| DATE         | 10/15/07 |

EROSION CONTROL PLAN  
 11 of 12  
 SHEET

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

P-1982 Eng. As Built

# RECORD DRAWING

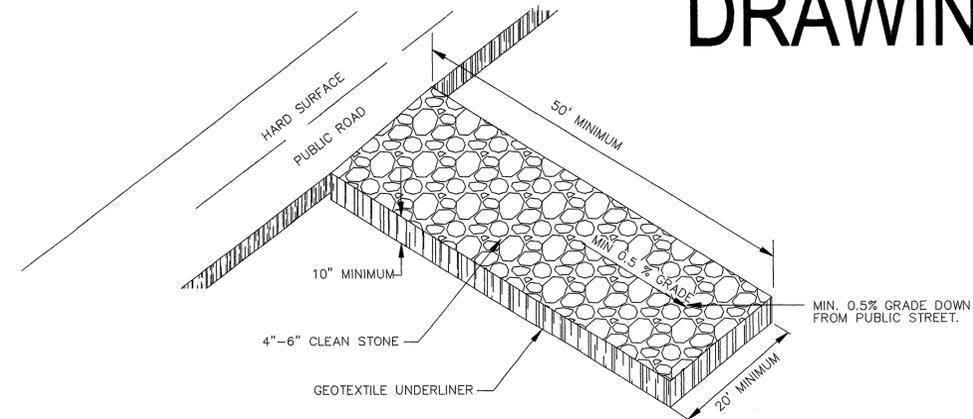


**SPECIFIC APPLICATION**  
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED ACRES.

## GRAVEL AND WIRE MESH INLET SEDIMENT FILTER

NOT TO SCALE

1  
—



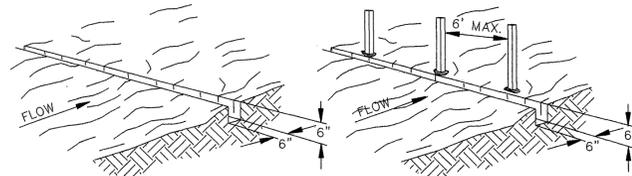
## CONSTRUCTION ENTRANCE

NOT TO SCALE

3  
—

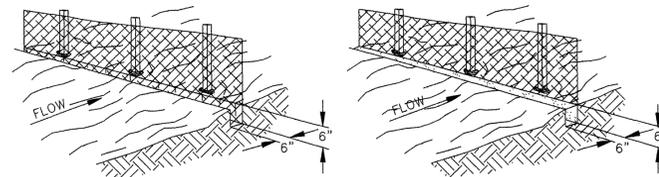
NOTE: SILT FENCE WITHOUT WIRE SUPPORT SHOULD BE USED ON A LIMITED BASIS ONLY ALONG PERIMETERS WITH LESS THAN 1/4 ACRE DRAINAGE AREA PER 100 LINEAR FEET OF FENCE.

1. EXCAVATE A 6"x6" TRENCH



2. SET THE STAKES ALONG THE DOWNSLOPE SIDE OF THE TRENCH.

3. STAPLE GEOTEXTILE MATERIAL TO STAKES AND EXTEND 12" INTO THE TRENCH WITH 6" LAID ALONG BOTTOM OF TRENCH



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



SHEET FLOW INSTALLATION (PERSPECTIVE VIEW)

NOTE: INSTALL IN ACCORDANCE WITH SILT FENCE DETAIL, EXCEPT AS NOTED ABOVE.

POST: 2"x2" HARDWOOD OR T TYPE POST

- FABRIC:
1. AMOCO 2130
  2. BELTECH 940
  3. MIRAFI 100CX
  4. LING GTF 190
  5. SI 915 SC

## SEDIMENTATION/SILT FENCE WITHOUT WIRE SUPPORT

NOT TO SCALE

2  
—



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.

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



|                                     |          |
|-------------------------------------|----------|
| RECORD DRAWING                      | DATE     |
| by ALL TEST TESTING AND ENGINEERING | 5/15/08  |
| NO.                                 | REVISION |
|                                     |          |

SITE DEVELOPMENT CONSTRUCTION PLANS

ZIGGY'S ADDITION

EROSION CONTROL DETAILS

WASHINGTON

SPOKANE



EXPIRES 5/18/08

Job no. 07005

DRAWN BY: JCR DESIGNED BY: JCR

CHECKED BY: JFS DATE: 10/15/07

EROSION CONTROL DETAILS

12 of 12

SHEET

P-1982 Eng As Bult