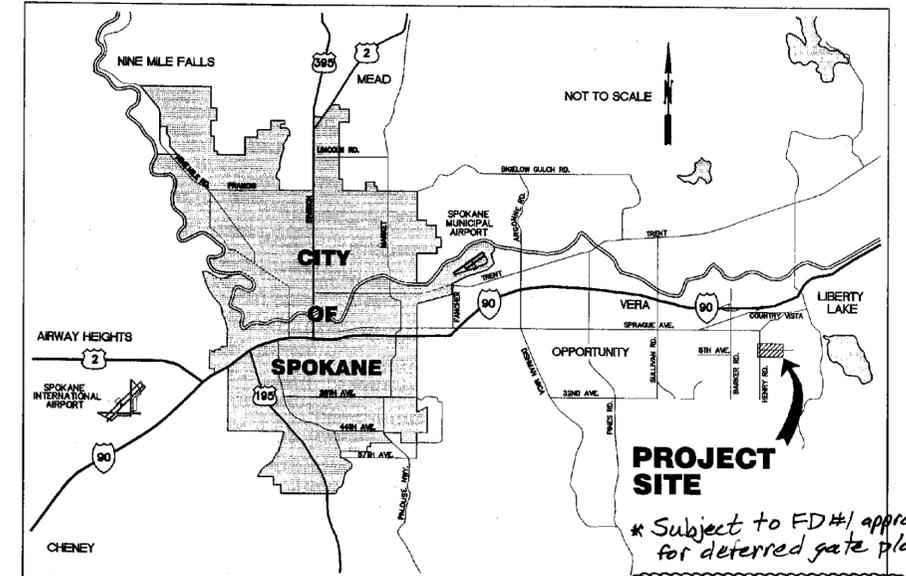


# GRANITE HILL FINAL PLAT

## SPOKANE COUNTY, WASHINGTON

A PORTION OF THE NW 1/4 OF SECTION 21, T. 25N., R. 45E., W.M.

### LOCATION MAP

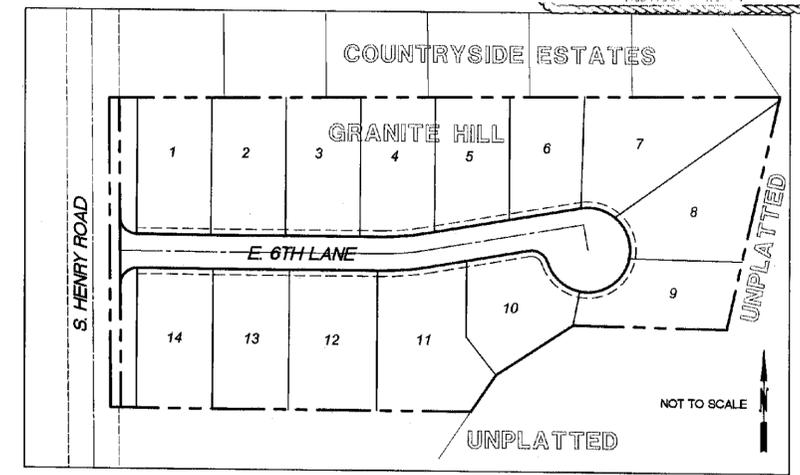


**PROJECT SITE**

\* Subject to FD#1 approval for deferred gate plan.

SPOKANE COUNTY ENGINEER'S OFFICE  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
**CONSTRUCTION PLANS**  
PROJECT # P-2027  
DATE ACCEPTED: 08-20-13  
ACCEPTANCE EXPIRES: 08-20-15  
PROJECT LANE MILES PUBLIC: 0.15  
PROJECT LANE MILES PRIVATE: 0.05  
CONSTRUCTION DOCUMENTS: 10 SHEETS  
RECORD DRAWINGS: 10 SHEETS  
TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE  
ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.  
PERMIT REQUIRED: (CWA) 177-9620  
NOTIFY PERMITTING: 30 DAYS  
PROJECT CLOSURE: 155 DAYS

### SITE MAP



Developer's Approval Carl R. Anderson Date 8/16/13

### SCHEDULE OF DRAWINGS

SHEET NO. DESCRIPTION

#### GENERAL

1 ..... COVER SHEET ( FOR ROAD AND STORMWATER DRAINAGE PLANS )

#### ROAD

2 ..... TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

3 ..... E. 6th LANE PLAN AND PROFILE - STA. 10+00 TO STA. 16+35.10

4 ..... HENRY ROAD PLAN AND PROFILE - WIDENING PLAN (EAST) - STA. 31+56.16 TO STA. 35+23.62

5 ..... ROAD SECTIONS AND DRAINAGE DETAILS

### LEGEND

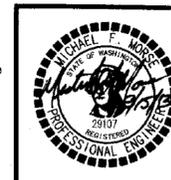
-----	PLAT BOUNDARY	-----	PLAT BOUNDARY
-----	EXISTING LOT LINE	-----	PROPOSED LOT LINES
-----	EXISTING CONTOUR	-----	PROPOSED UTILITY EASEMENT
-----	EASEMENT LINE	-----	PROPOSED CURB & GUTTER
-----	EXISTING BURIED TELEPHONE	-----	PROPOSED SIDEWALK
-----	EXISTING BURIED GAS PIPELINE	-----	PROPOSED WATER LINE
-----	EXISTING OVERHEAD ELECTRICAL	-----	PROPOSED WATER SERVICE
-----	EXISTING FENCE	-----	PROPOSED SANITARY SEWER
-----	EXISTING WATER LINE	-----	PROPOSED SANITARY SEWER SERVICE
-----	EXISTING SEWER LINE	-----	FINISH CONTOUR
-----	EXISTING STORM DRAIN LINE	-----	FINISH GRADE SPOT ELEVATION
-----	EXISTING WATER VALVE	-----	PROPOSED WATER VALVE
-----	EXISTING WATER FITTING (TYP.)	-----	PROPOSED WATER FITTING (TYP.)
-----	EXISTING WATER METER AND SERVICE	-----	PROPOSED CONCRETE THRUST BLOCK
-----	EXISTING FIRE HYDRANT	-----	PROPOSED FIRE HYDRANT
-----	EXISTING SS MANHOLE	-----	PROPOSED SS MANHOLE
-----	EXIST. CATCH BASIN	-----	PROPOSED DRYWELL
-----	EXISTING STORM MANHOLE	-----	PROPOSED SIGN
-----	EXIST. DRYWELL	-----	PROPOSED CURB INLET
-----	EXISTING CLEAN OUT	-----	PROPOSED SIDEWALK INLET
-----	EXISTING SIGN	-----	SURVEY CONTROL POINT

#### GENERAL NOTES:

- ALL MATERIALS AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 2010" AND PER THE "2012 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION" AS PUBLISHED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (W.S.D.O.T.) AND BY THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA).
- PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT '811' BEFORE YOU DIG.
- LOCATIONS OF EXISTING UTILITIES SHOWN IN THE PLAN 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. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR RELOCATION OF POWER POLES, LIGHTS, TELEPHONE, AND/OR OTHER UTILITIES THAT MAY CONFLICT WITH THE CONSTRUCTION.
- 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. CONTRACTOR SHALL ALSO MAINTAIN ON THE SITE A COMPLETE SET OF RED LINE RECORD DRAWINGS INDICATING ALL CHANGES FROM THE APPROVED DRAWINGS.
- CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. 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.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO ADJACENT EXISTING PROPERTIES OR IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE FOR CLEAN-UP OF ANY AREAS DISTURBED BY HIS ACTIVITIES.
- 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.
- ALL PROPOSED ROADWAY AREAS SHALL BE STRIPPED TO A DEPTH OF AT LEAST 12" OF ALL VEGETATION, NEAR-SURFACE ROOTS, ANY EXISTING FILL, AND TOPSOIL. THE STRIPPED MATERIAL CAN BE RE-USED FOR LANDSCAPING, BUT IS NOT ACCEPTABLE FOR STRUCTURAL FILL.
- NATIVE MATERIALS, EXCLUDING TOPSOIL, IS ACCEPTABLE FOR USE AS STRUCTURAL FILL. IF STRUCTURAL FILL IS IMPORTED IT SHALL CONSIST OF WELL-GRADED SAND AND GRAVEL WITH NO PARTICLES LARGER THAN FIVE INCHES IN DIAMETER AND NOT MORE THAN 30% BY WEIGHT PASSING THE #200 SIEVE. STRUCTURAL FILL SHALL BE PLACED IN MAX. 6 INCH LIFTS WITHIN 2% OF OPTIMUM MOISTURE AND COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D 1557).
- THE TOP 12 INCHES OF THE ROAD SUBGRADE SHALL BE MOISTURE CONDITIONED TO WITHIN 2% OF OPTIMUM AND COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD (ASTM D 1557).
- CRUSHED SURFACING TOP COURSE SHALL CONFORM TO WSDOT STANDARDS AND COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY (ASTM D 1557).
- HOT MIX ASPHALT (HMA) SHALL BE WSDOT HMA CLASS 1/2-INCH W/PERFORMANCE GRADED ASPHALT BINDER PG64-28 AND COMPACTED TO 92% OF THE THEORETICAL MAXIMUM DENSITY AS DETERMINED BY THE RICE METHOD.
- DURING CONSTRUCTION, THE GROUND SURFACE SHOULD BE SLOPED TO PREVENT STORM RUNOFF FROM ACCUMULATING IN ANY OF THE SUBGRADE AREAS. ANY AREAS OF SOFTENED SUBGRADE SHALL BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL.
- SITE EXCAVATION, INCLUDING ROCK CUTS AND REMOVAL, SHALL CONFORM TO SECTION 2-03 OF THE WSDOT STANDARD SPECIFICATIONS. EMBANKMENTS TO BE CONSTRUCTED ACCORDING TO THE APPLICABLE PARAGRAPHS OF SECTION 2-03 OF THE WSDOT STANDARD SPECIFICATIONS. EARTH EMBANKMENTS TO BE CONSTRUCTED USING METHOD B OF 2-03.3(14)c.
- ALL FILL IN AREAS OUTSIDE OF PAVEMENT SHALL BE COMPACTED IN MAXIMUM 8" LIFTS TO 92% OF MAXIMUM ASTM D 1557 DRY DENSITY. PAVEMENT SUBGRADE SHALL BE COMPACTED TO 95%.
- FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (AMOCO 4545 OR APPROVED EQUIVALENT) BETWEEN THE WASHED DRAIN ROCK AND THE NATIVE SOIL.
- 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 TEMPORARY 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.

UNDERGROUND SERVICE ALERT  
ONE-CALL NUMBER  
**811**  
CALL TWO BUSINESS DAYS  
BEFORE YOU DIG

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 Stormwater Management. All design deviations have been approved by the Spokane County Engineer. I approve these plans for construction.



REVISIONS	
1. ADDRESS COUNTY 7/23/13 COMMENTS	
DWN: PAH	DATE: 8/20/13
CK'D: MFM	DATE: 8/20/13

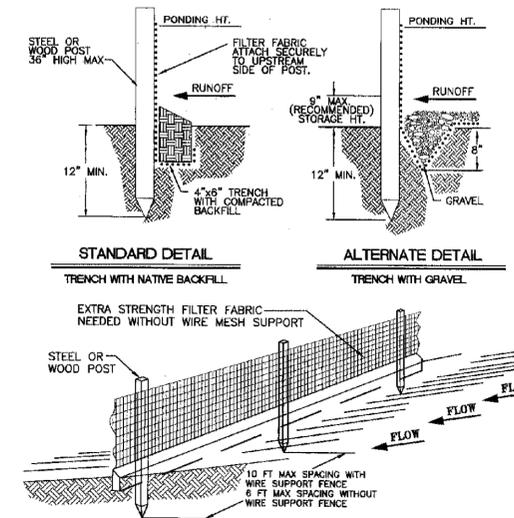
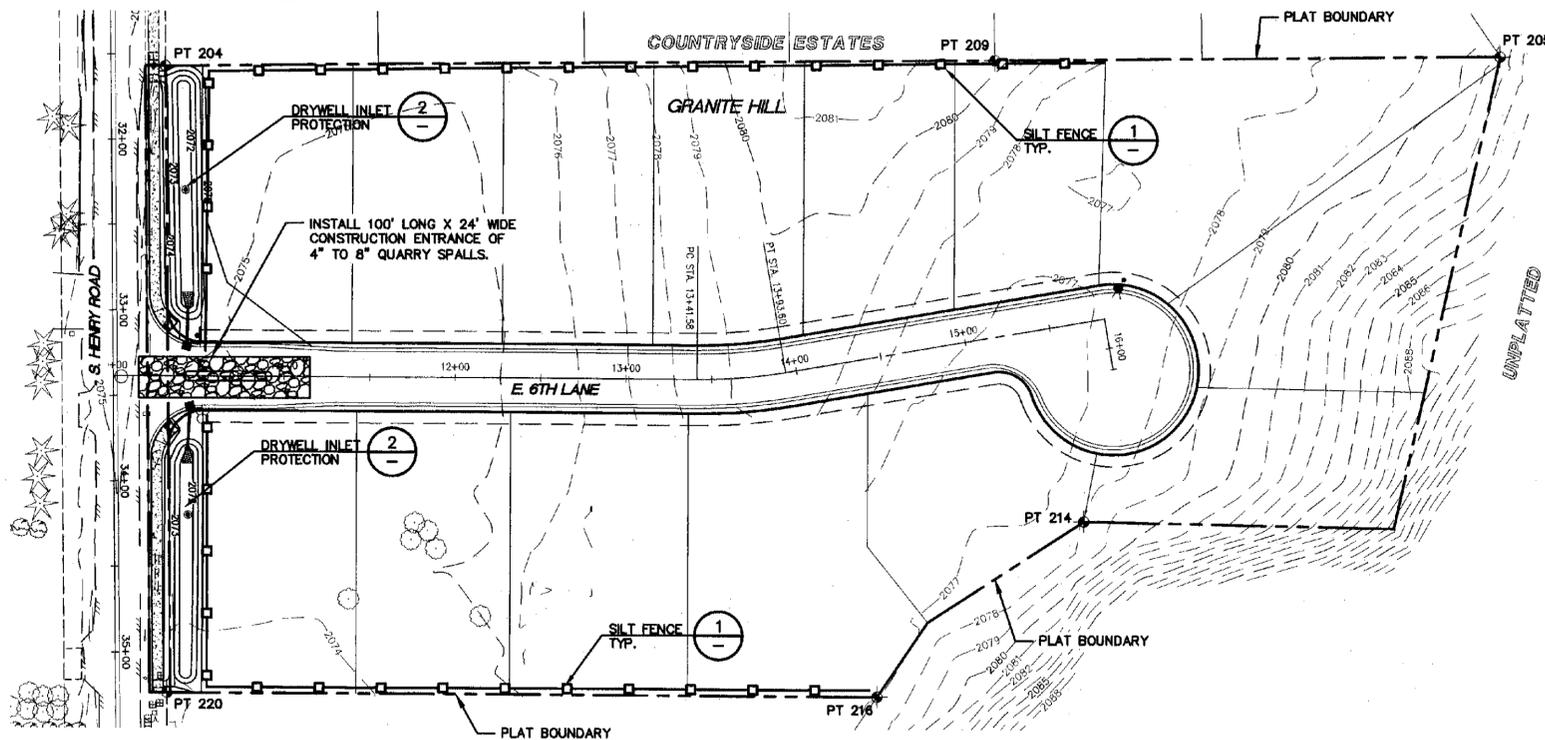
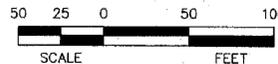
Taylor Engineering, Inc. Civil Design and Land Planning W. 106 Mission Ave. Spokane, Washington 99201 (509) 328-3371 FAX (509) 328-8224	SCALE: 1/5 NA
COVER SHEET	GRANITE HILL FINAL PLAT

CAD FILE: 13035-COVER RDST.DWG  
P-2027 ENG Road Drainage

**SEC. 21, T. 25 N., R. 45 EAST, W.M.**



NAVD 88 DATUM  
CONTOUR INTERVAL = 1 FOOT

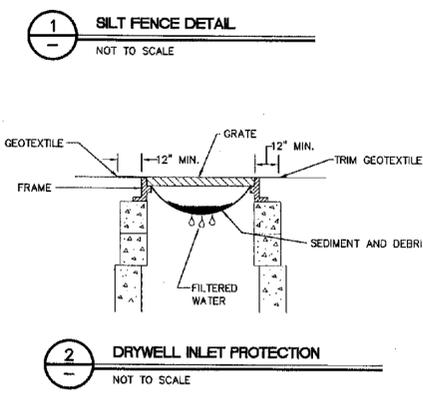


NOTE:  
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.  
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.  
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

**SPOKANE COUNTY ENGINEERS OFFICE  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
CONSTRUCTION PLANS**  
PROJECT # P-2027  
DATE ACCEPTED 08-20-13  
ACCEPTANCE EXPIRES 08-20-15  
PROJECT LANE MILES PUBLIC 0.5  
PROJECT LANE MILES PRIVATE 0.0  
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS "AS-BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROAD AND C. AVIATION FACILITIES FOR MAINTENANCE.  
FEE: "T" REQUIRED (509) 477-3000  
NORTHWEST ENGINEERS BUSINESS DAYS FROM DATE OF CONSTRUCTION

**EROSION CONTROL NOTES:**

- THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE FOLLOWED IN ORDER TO BEST MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENTATION CONTROL PROBLEMS:
  - CLEAR AND GRUB SUFFICIENTLY FOR INSTALLATION OF TEMPORARY ESC BMPs;
  - INSTALL TEMPORARY ESC BMPs, CONSTRUCTING SEDIMENT TRAPPING BMPs AS ONE OF THE FIRST STEPS PRIOR TO GRADING;
  - CLEAR, GRUB AND ROUGH GRADE FOR ROADS, TEMPORARY ACCESS POINTS AND UTILITY LOCATIONS;
  - STABILIZE ROADWAY APPROACHES AND TEMPORARY ACCESS POINTS WITH THE APPROPRIATE CONSTRUCTION ENTRY BMP;
  - CLEAR, GRUB AND GRADE INDIVIDUAL LOTS OR GROUP OF LOTS;
  - TEMPORARILY STABILIZE, THROUGH RE-VEGETATION OR OTHER APPROPRIATE BMPs, LOTS OR GROUPS OF LOTS IN SITUATIONS WHERE SUBSTANTIAL CUT OF FILL SLOPES ARE A RESULT OF THE SITE GRADING;
  - CONSTRUCT ROADS, BUILDINGS, PERMANENT STORMWATER FACILITIES (I.E. INLETS, PONDS, UIC FACILITIES, ETC.);
  - PROTECT ALL PERMANENT STORMWATER FACILITIES UTILIZING THE APPROPRIATE BMPs;
  - INSTALL PERMANENT ESC CONTROLS, WHEN APPLICABLE; AND,
  - REMOVE TEMPORARY ESC CONTROLS WHEN:
- PERMANENT ESC CONTROLS, WHEN APPLICABLE, HAVE BEEN COMPLETELY INSTALLED;
- ALL LAND-DISTURBING ACTIVITIES THAT HAVE THE POTENTIAL TO CAUSE EROSION OR SEDIMENTATION PROBLEMS HAVE CEASED; AND,
- VEGETATION HAS BEEN ESTABLISHED IN THE AREAS NOTED AS REQUIRING VEGETATION ON THE ACCEPTED ESC PLAN ON FILE WITH THE LOCAL JURISDICTION.
- INSPECT ALL ROADWAYS, AT THE END OF EACH DAY, ADJACENT TO THE CONSTRUCTION ACCESS ROUTE. IF IT IS EVIDENT THAT SEDIMENT HAS BEEN TRACKED OFF SITE AND/OR BEYOND THE ROADWAY APPROACH, CLEANING IS REQUIRED.
- IF SEDIMENT REMOVAL IS NECESSARY PRIOR TO STREET WASHING, IT SHALL BE REMOVED BY SHOVELING OR PICKUP SWEEPING AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- IF STREET WASHING IS REQUIRED TO CLEAN SEDIMENT TRACKED OFF SITE, ONCE SEDIMENT HAS BEEN REMOVED, STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ON-SITE OR OTHERWISE PREVENTED FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO WATERS OF THE STATE.
- RESTORE CONSTRUCTION ACCESS ROUTE EQUAL TO OR BETTER THAN THE PRE-CONSTRUCTION CONDITION.
- RETAIN THE DUFF LAYER, NATIVE TOPSOIL, AND NATURAL VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT PRACTICAL.
- INSPECT SEDIMENT CONTROL BMPs WEEKLY AT A MINIMUM, DAILY DURING A STORM EVENT, AND AFTER ANY DISCHARGE FROM THE SITE (STORMWATER OR NON-STORMWATER). THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE A MONTH IF THE SITE IS STABILIZED AND INACTIVE.
- CONTROL FUGITIVE DUST FROM CONSTRUCTION ACTIVITY IN ACCORDANCE WITH THE STATE AND/OR LOCAL AIR QUALITY CONTROL AUTHORITIES WITH JURISDICTION OVER THE PROJECT AREA.
- STABILIZE EXPOSED UNWORKED SOILS (INCLUDING STOCKPILES), WHETHER AT FINAL GRADE OR NOT, WITHIN 10 DAYS DURING THE REGIONAL DRY SEASON (JULY 1 THROUGH SEPTEMBER 30) AND WITHIN 5 DAYS DURING THE REGIONAL WET SEASON (OCTOBER 1 THROUGH JUNE 30). SOILS MUST BE STABILIZED AT THE END OF A SHIFT BEFORE A HOLIDAY WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. THIS TIME LIMIT MAY ONLY BE ADJUSTED BY A LOCAL JURISDICTION WITH A "QUALIFIED LOCAL PROGRAM", IF IT CAN BE DEMONSTRATED THAT THE RECENT PRECIPITATION JUSTIFIES A DIFFERENT STANDARD AND MEETS THE REQUIREMENTS SET FORTH IN THE CONSTRUCTION STORMWATER GENERAL PERMIT.
- PROTECT INLETS, DRYWELLS, CATCH BASINS, AND OTHER STORMWATER MANAGEMENT FACILITIES FROM SEDIMENT, WHETHER OR NOT FACILITIES ARE OPERABLE. INSTALL GEOTEXTILE FABRIC BETWEEN THE STRUCTURE FRAME AND GRATE.
- KEEP ROADS ADJACENT TO THE INLETS CLEAN.
- INSPECT INLETS WEEKLY AT A MINIMUM AND DAILY DURING STORM EVENTS.
- CONSTRUCT STORMWATER CONTROL FACILITIES (DETENTION/RETENTION STORAGE POND OR SWALES) BEFORE GRADING BEGINS. THESE FACILITIES SHALL BE OPERATIONAL BEFORE CONSTRUCTION OF IMPERVIOUS SITE IMPROVEMENTS.
- STOCKPILE MATERIALS (SUCH AS TOPSOIL) ON SITE, KEEPING OFF OF ROADWAYS AND SIDEWALKS.
- COVER, CONTAIN AND PROTECT ALL CHEMICAL, LIQUID PRODUCTS, PETROLEUM PRODUCTS, AND NON-INERT WASTES PRESENT ON SITE FROM VANDALISM (SEE CHAPTER 173-304 WAC FOR THE DEFINITION OF INERT WASTE), USE SECONDARY CONTAINMENT FOR ON-SITE FUELING TANKS.
- CONDUCT MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM REPAIRS, SOLVENT AND DE-GREASING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES THAT MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS TO THE GROUND OR INTO STORMWATER RUNOFF USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CLEAN ALL CONTAMINATED SURFACES IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT. IF RAINING OVER EQUIPMENT OR VEHICLE, PERFORM EMERGENCY REPAIRS ON SITE USING TEMPORARY PLASTIC BENEATH THE VEHICLE.
- CONDUCT APPLICATION OF AGRICULTURAL CHEMICALS, INCLUDING FERTILIZER AND PESTICIDES, IN SUCH A MANNER, AND AT APPLICATION RATES, THAT INHIBITS THE LOSS OF CHEMICALS INTO STORMWATER RUNOFF FACILITIES. AMEND MANUFACTURER'S RECOMMENDED APPLICATION RATES AND PROCEDURES TO MEET THIS REQUIREMENT, IF NECESSARY.
- INSPECT ON A REGULAR BASIS (AT A MINIMUM WEEKLY, AND DAILY DURING/AFTER A RUNOFF PRODUCING EVENT) AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPs TO ENSURE SUCCESSFUL PERFORMANCE OF THE BMPs. NOTE THAT INLET PROTECTION DEVICES SHALL BE CLEANED OR REMOVED AND REPLACED BEFORE SIX INCHES OF SEDIMENT CAN ACCUMULATE.
- THE CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A LOCATION ON SITE WHERE CONCRETE TRUCKS AND EQUIPMENT CAN BE WASHED OUT. THIS AREA SHALL NOT BE LOCATED NEAR OR DRAINING INTO A STORM DRAINAGE AREA, TREATMENT AREA OR FACILITY.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A DESIGNATED AREA ON SITE FOR TIRE WASHING.
- THE CONTRACTOR IS REQUIRED TO KEEP AN UPDATED COPY OF THE TESC PLAN ONSITE.
- THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AT THE CONSTRUCTION LIMITS PRIOR TO ANY GROUND DISTURBING ACTIVITIES.
- IMPLEMENTATION OF THE ESC PLANS AND UPDATING OR UPGRADE OF THE ESC FACILITIES ARE THE CONTRACTOR'S RESPONSIBILITY UNTIL CONSTRUCTION IS COMPLETE AND THE DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION ENTRIES AT ANY AND ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE.
- REMOVE TEMPORARY ESC BMPs WITHIN 30 DAYS AFTER THE TEMPORARY BMPs ARE NO LONGER NEEDED. PERMANENTLY STABILIZE AREAS THAT ARE DISTURBED DURING THE REMOVAL PROCESS.



**UTILITY STATEMENT**

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. TAYLOR ENGINEERING, INC. MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHER, WE DO NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED, ALTHOUGH WE DO CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

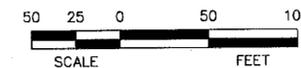


**UNDERGROUND SERVICE ALERT  
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811  
CALL TWO BUSINESS DAYS  
BEFORE YOU DIG**

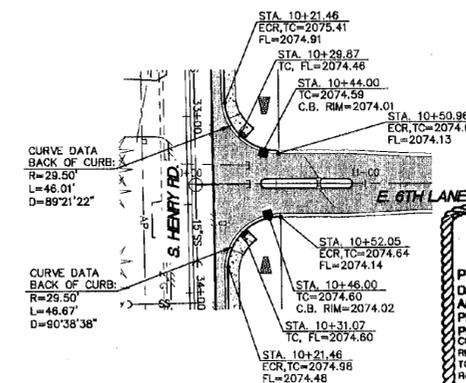
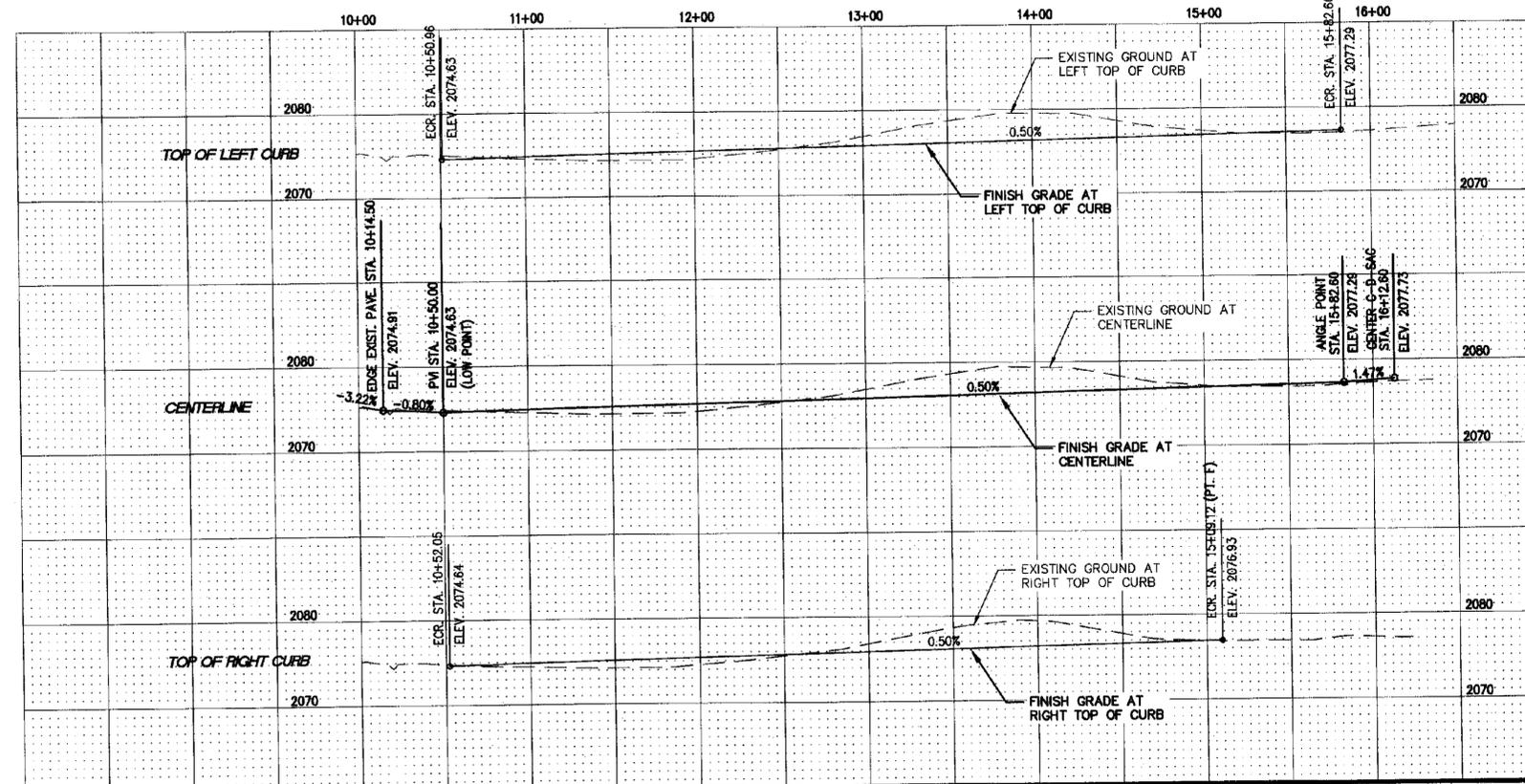
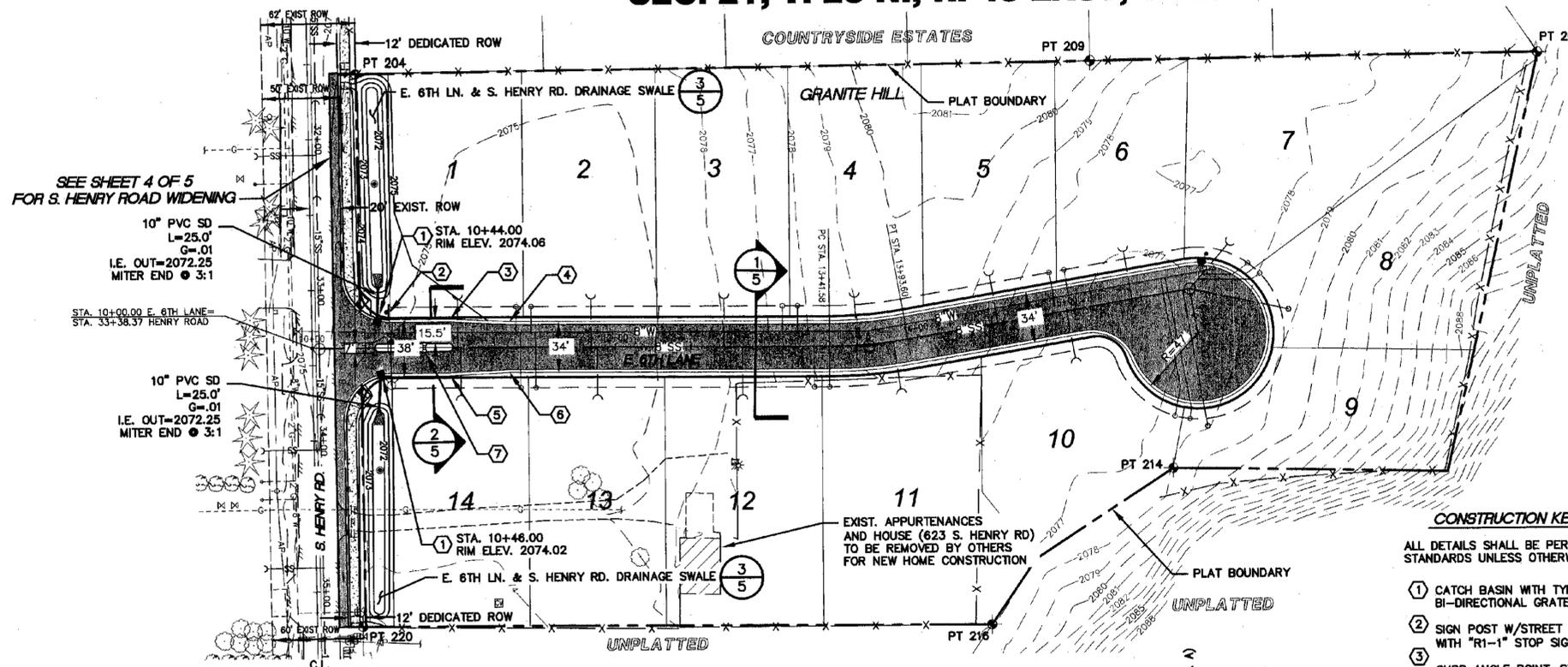
Drawn PAH 6/2013		Designed MFM 6/2013		Checked By County MAA 6/2013		Taylor Engineering, Inc. Civil Design and Land Planning W. 108 Mission Ave. Spokane, Washington 99201 (509) 328-3371 FAX (509) 328-8224		SPOKANE COUNTY PUBLIC WORKS DIVISION OF ENGINEERING AND ROADS W. 1026 Broadway Ave. Spokane, Wa. 99260 456-3604		VERTICAL DATUM: NW corner of Section 21, brass cap marked with 'X', at the intersection of Henry Rd. and Sprague Ave. (approx. 2,012 ft. north of E. 6th Court) Elevation: 2078.90 Datum: NAVD88		SCALE HORIZ. 1"=50' VERT. NA		GRANITE HILL FINAL PLAT		STORM SHEET	
1 7/13 PAH MFM MAA ADDRESS COUNTY 7/23/13 COMMENTS		Developer's Approval: <i>Andy R. Wade</i> Date: 8/16/13		CADD FILE NAME: 13036 ESC PLAN.DWG								TEMPORARY EROSION AND SEDIMENT CONTROL PLAN		2		5	

*P-2027 ENG Road & Drainage*

SEC. 21, T. 25 N., R. 45 EAST, W.M.



NAVD 88 DATUM  
CONTOUR INTERVAL = 1 FOOT

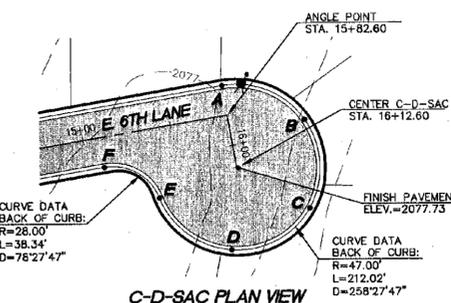


INTERSECTION DETAIL  
S. HENRY RD. AND E. 6TH LANE

**SPOKANE COUNTY ENGINEERS OFFICE**  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
**CONSTRUCTION PLANS**  
PROJECT # 2027  
DATE ACCEPTED 07-26-13  
ACCEPTANCE EXPIRES 08-20-15  
PROJECT LANE MILES PUBLIC 0.25  
PROJECT LANE MILES PRIVATE 0.00  
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! (\$001 477 3800) NOTIFY PERMIT EACH BUSINESS DAY! REPORT TO: SPCC

**CONSTRUCTION KEY NOTES:**

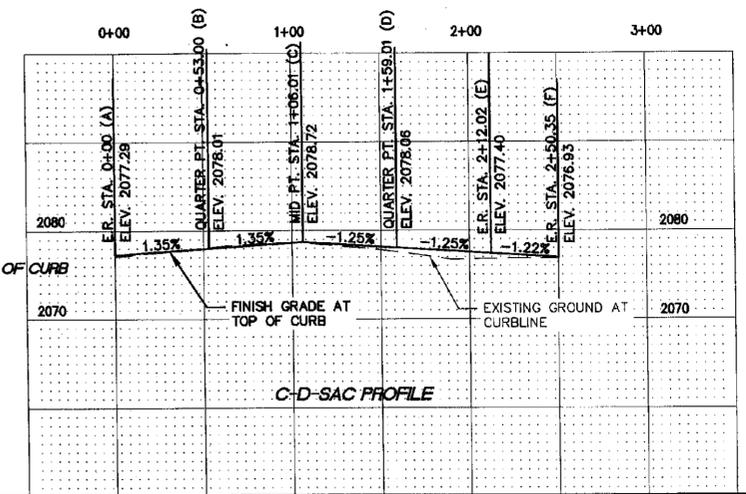
- ALL DETAILS SHALL BE PER SPOKANE COUNTY STANDARDS UNLESS OTHERWISE NOTED.
- CATCH BASIN WITH TYPE 2 METAL FRAME WITH HOOD AND BI-DIRECTIONAL GRATE TYPE 3 PER STD. DETAILS B-7 & B-11
  - SIGN POST W/STREET SIGNS PER STD. DETAIL A-16. WITH "R1-1" STOP SIGN PER M.U.T.C.D.
  - CURB ANGLE POINT, STA. 10+90.0, 19.0' LT.
  - CURB ANGLE POINT, STA. 11+30.0, 17.0' LT.
  - CURB ANGLE POINT, STA. 10+90.0, 19.0' RT.
  - CURB ANGLE POINT, STA. 11+30.0, 17.0' RT.
  - FUTURE GATES BY OWNER; TO COMPLY WITH APPLICABLE REQUIREMENTS AND SUBJECT TO APPROVAL.



C-D-SAC PLAN VIEW

**UTILITY STATEMENT**

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C-D-SAC PROFILE

No.	Date	By	Ckd	Appr.	Revisions
1	7/13	PAH	MFM	MAA	ADDRESS COUNTY 7/23/13 COMMENTS

Drawn	Date	
PAH	5-31-13	
Designed	MFM	6/2013
Checked By County	MAA	6/2013

**Taylor Engineering, Inc.**  
Civil Design and Land Planning  
W. 106 Mission Ave.  
Spokane, Washington 99201  
(509) 328-3371 FAX (509) 328-8224

**SPOKANE COUNTY PUBLIC WORKS**  
DIVISION OF ENGINEERING AND ROADS  
W. 1026 Broadway Ave.  
Spokane Wa. 99260  
456-3604

Developer's Approval: *Amr R. Adh* Date: 8/16/13

VERTICAL DATUM:  
NW corner of Section 21, brass cap marked with 'X', at the intersection of Henry Rd. and Sprague Ave. (approx. 2,012 ft. north of E. 6th Lane)  
Elevation: 2078.90  
Datum: NAVD88

HORIZONTAL DATUM:  
Assumed.  
See project control point table.

CADD FILE NAME: 13036 ROAD PNP.DWG

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

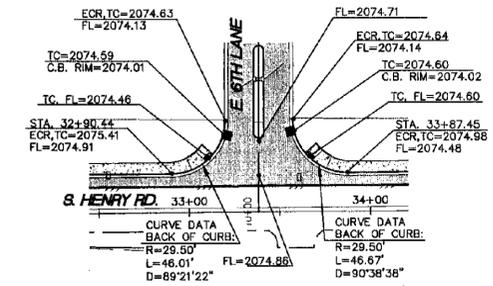
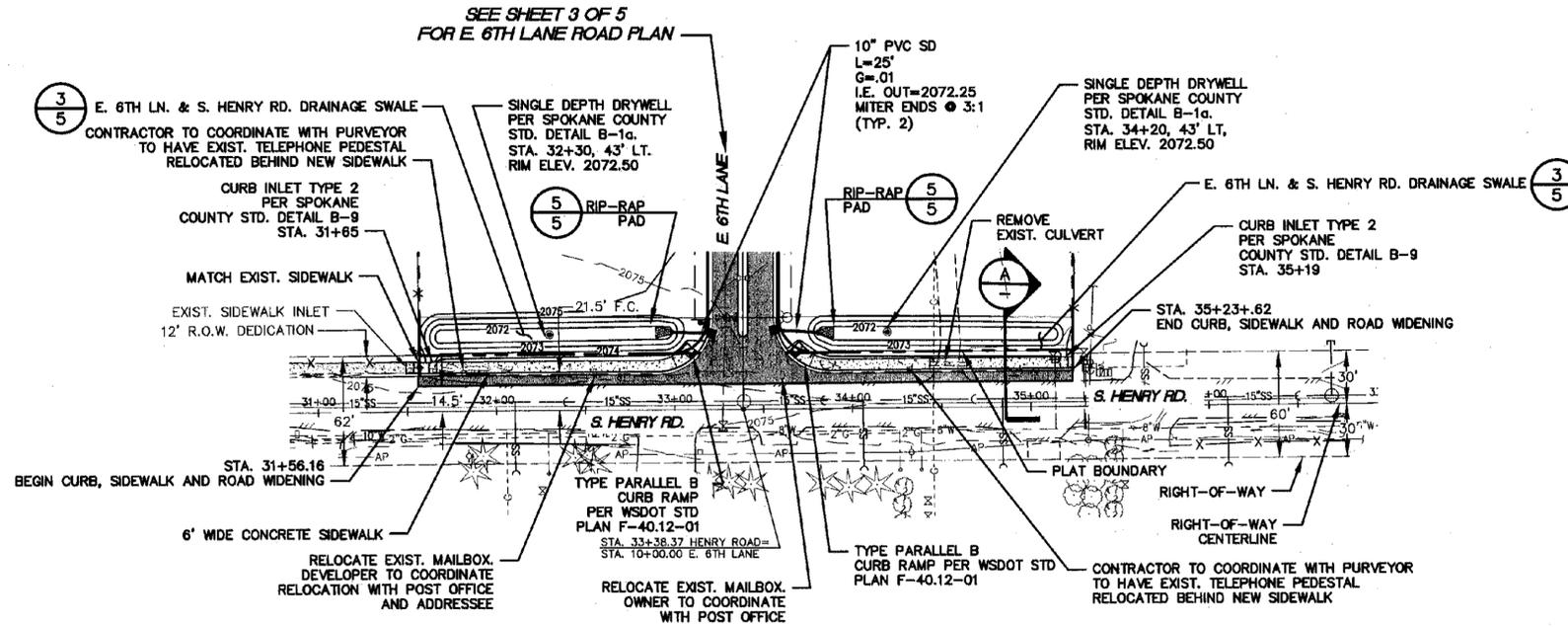
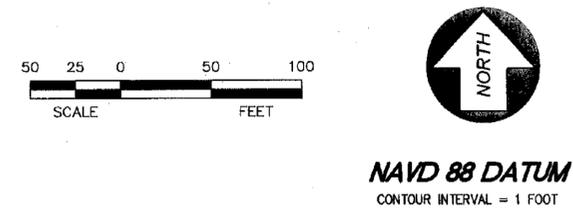
GRANITE HILL FINAL PLAT

E. 6TH LANE  
ROAD PLAN AND PROFILE  
STA. 10+00 TO STA. 16+35.10

ROAD SHEET 3/5

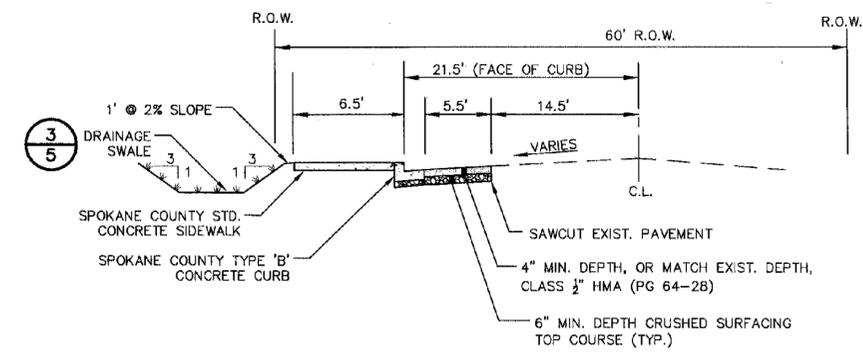
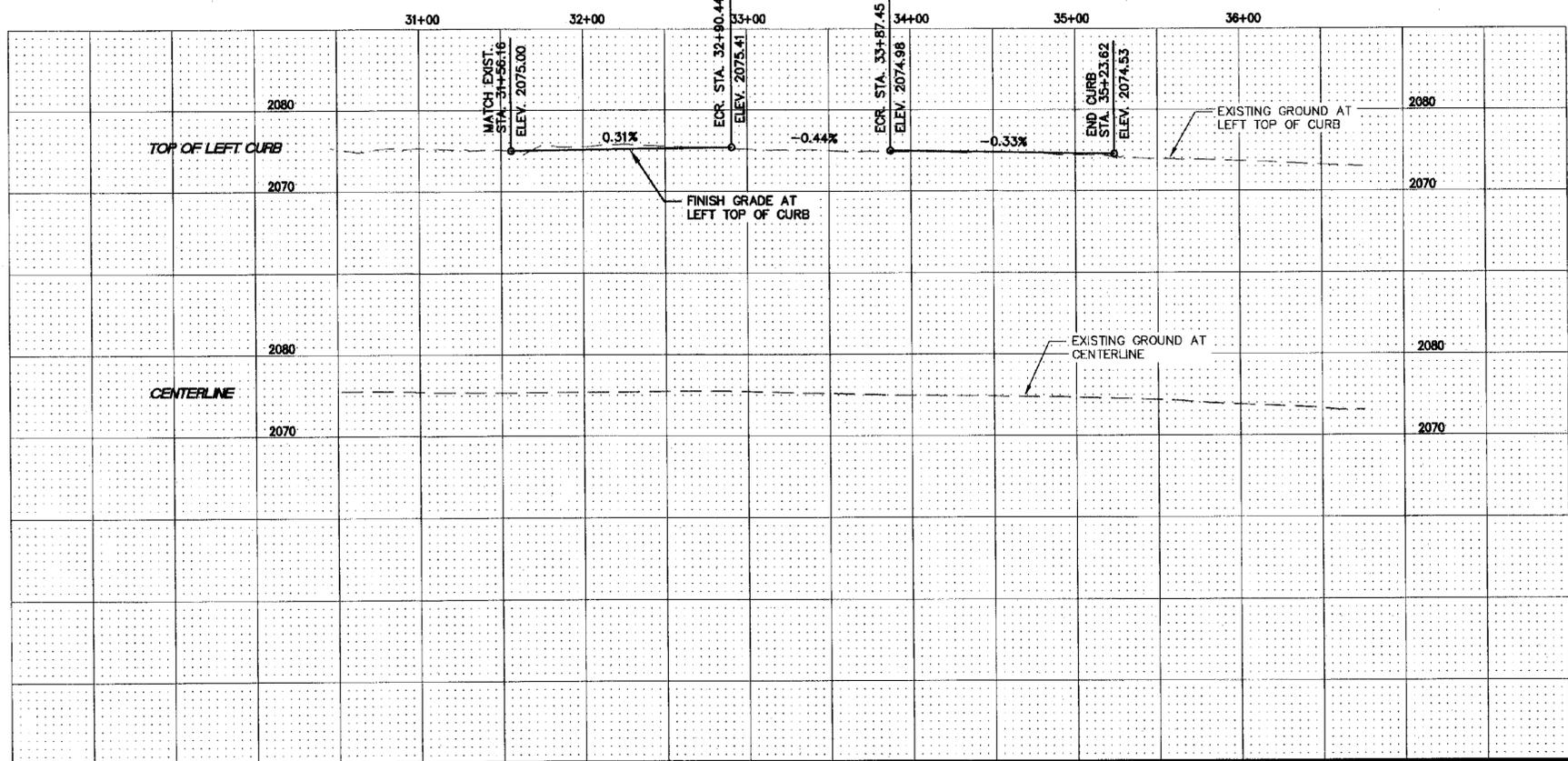
P-2027 ENG Road & Drainage

SEC. 21, T. 25 N., R. 45 EAST, W.M.



INTERSECTION DETAIL  
S. HENRY RD. AND E. 6TH LANE

SPOKANE COUNTY ENGINEERS OFFICE  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
**CONSTRUCTION PLANS**  
PROJECT # P-2027  
DATE ACCEPTED 08-26-13  
ACCEPTANCE EXPIRES 08-26-15  
PROJECT LANE MILES PUBLIC 2.5  
PROJECT LANE MILES PRIVATE 0  
RECORD DRAWINGS "AS BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.  
PERMIT REQUIRED (200) 477-3200  
NOT PERMITTED TO BE USED FOR 30 DAYS



A HENRY RD. WIDENING  
NOT TO SCALE

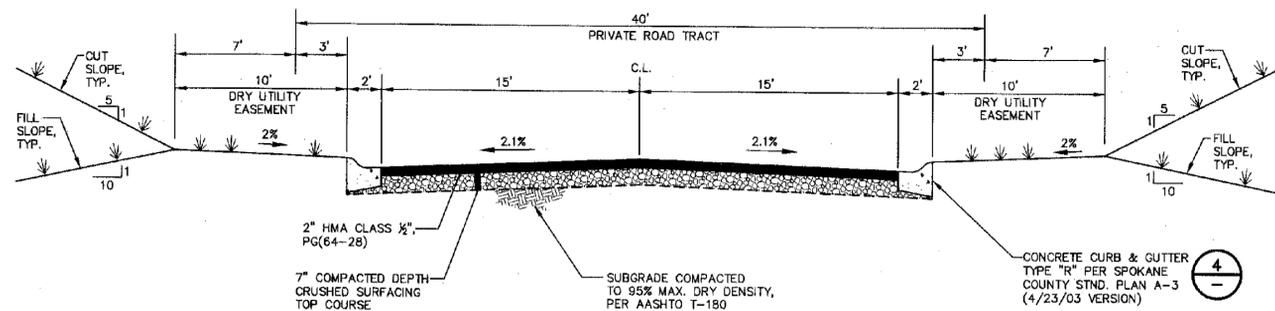


UNDERGROUND SERVICE ALERT  
ONE-CALL NUMBER  
**811**  
CALL TWO BUSINESS DAYS  
BEFORE YOU DIG

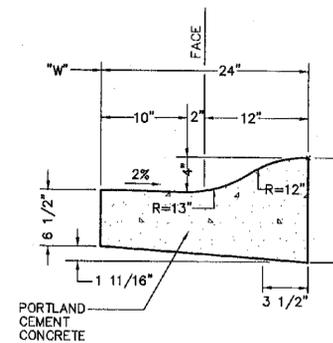
**UTILITY STATEMENT**  
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. TAYLOR ENGINEERING, INC. MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHER, WE DO NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED, ALTHOUGH WE DO CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

<b>Drawn</b> PAH 6/2013 <b>Designed</b> MFM 6/2013 <b>Checked By County</b> MAA 6/2013					<b>Taylor Engineering, Inc.</b> Civil Design and Land Planning W. 106 Mission Ave. Spokane, Washington 99201 (509) 328-3371 FAX (509) 328-8224		<b>SPOKANE COUNTY PUBLIC WORKS</b> DIVISION OF ENGINEERING AND ROADS W. 1026 Broadway Ave. Spokane Wa. 99260 456-3604		VERTICAL DATUM: NW corner of Section 21, brass cap marked with 'X', at the intersection of Henry Rd. and Sprague Ave. (approx. 2,012 ft. north of E. 6th Lane) Elevation: 2078.90 Datum: NAVD88		<b>SCALE</b> HORIZ. 1"=50' VERT. 1"=10'		<b>GRANITE HILL FINAL PLAT</b> S. HENRY ROAD WIDENING (EAST) PLAN AND PROFILE STA. 31+56.16 TO STA. 35+23.62		<b>ROAD SHEET</b> 4/5	
1 7/13 PAH MFM MAA ADDRESS COUNTY 7/23/13 COMMENTS					<b>Developer's Approval:</b> <i>Andrew Ad...</i> Date: 8/16/13		HORIZONTAL DATUM: Assumed. See project control point table.		CADD FILE NAME: 13036 ROAD PNP.DWG							
<b>Revisions</b> No. Date By Ckd. Appr.																

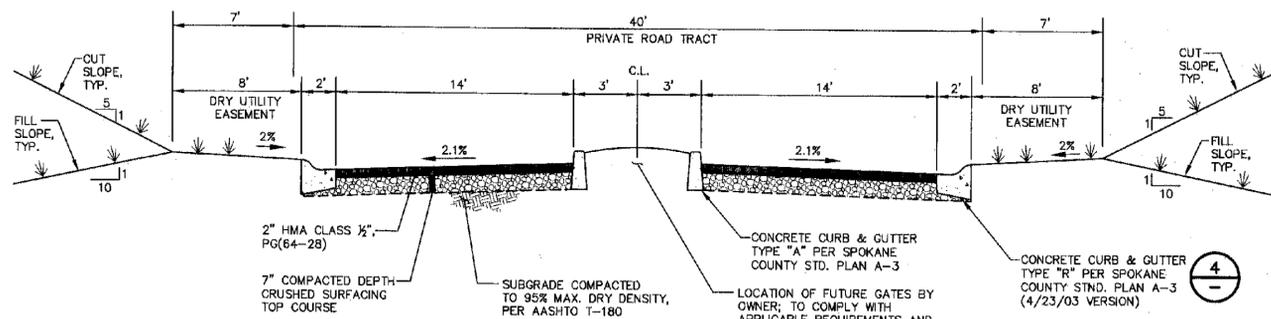
P-2027 EN6 Road & Drainage



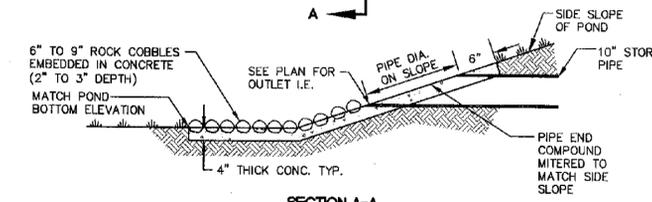
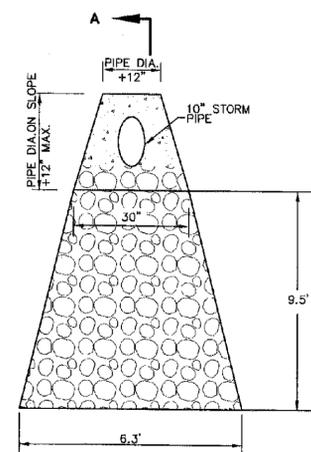
1 E. 6TH LANE - STA. 11+30.00 TO STA. 15+09.12  
NOT TO SCALE



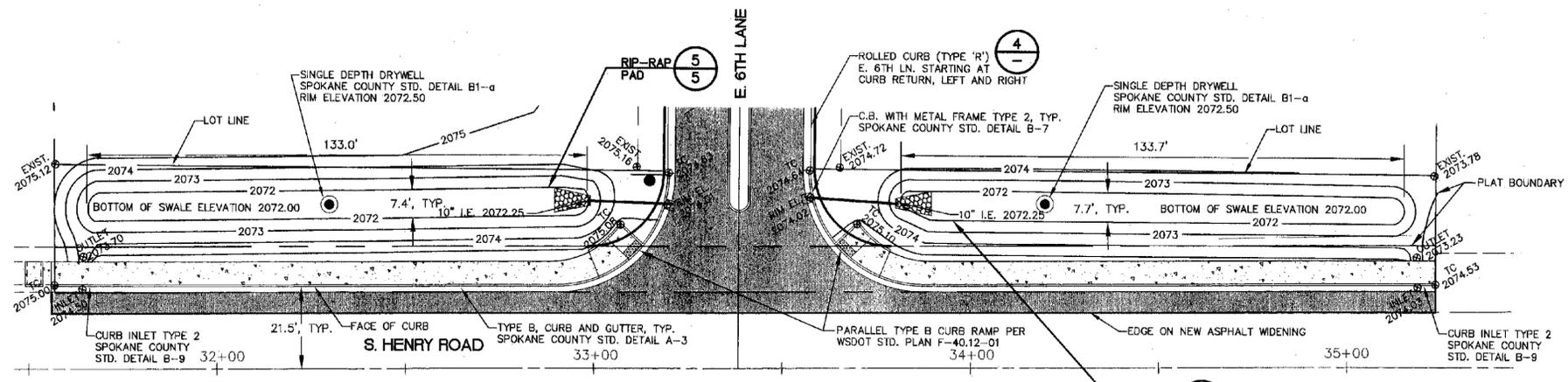
4 ROLLED CURB (TYPE 'R')  
NOT TO SCALE



2 E. 6TH LANE - STA. 10+44 TO STA. 10+90  
NOT TO SCALE



5 CONCRETE OUTLET PAD  
NOT TO SCALE



3 E. 6TH LANE AND S. HENRY ROAD - DRAINAGE SWALE DETAIL  
SCALE: 1"=20'

**SPokane County Engineers Office**  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
**CONSTRUCTION PLANS**  
PROJECT # 08-207-13  
DATE ACCEPTED: 08-20-13  
ACCEPTANCE EXPIRES: 08-20-16  
PROJECT LANE MILES PUBLIC: 2.3  
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.  
FEE NOT REQUIRED (509) 477-3600  
NOTIFY DEPT. ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

**UNDERGROUND SERVICE ALERT**  
ONE-CALL NUMBER  
**811**  
CALL TWO BUSINESS DAYS BEFORE YOU DIG



No.	Date	By	Ckd	Appr.	Revisions
1	7/13	PAH	MFM	MAA	ADDRESS COUNTY 7/23/13 COMMENTS

Drawn	Date
PAH	6/2013
Designed	Date
MFM	6/2013
Checked	Date
MAA	6/2013

**Taylor Engineering, Inc.**  
Civil Design and Land Planning  
W. 106 Mission Ave.  
Spokane, Washington 99201  
(509) 328-3371 FAX (509) 328-8224

Developer's Approval: *Carl P. Adde*

**Spokane County Public Works**  
DIVISION OF ENGINEERING AND ROADS  
W. 1026 Broadway Ave.  
Spokane Wa. 99260  
456-3604

Date: 8/16/13

VERTICAL DATUM:  
NW corner of Section 21, brass cap marked with 'X', at the intersection of Henry Rd. and Sprague Ave. (approx. 2,012 ft. north of E. 6th Lane)  
Elevation: 2078.90  
Datum: NAVD83

HORIZONTAL DATUM:  
Assumed.  
See project control point table.

CADD FILE NAME: 13036-ROAD DET

SCALE  
HORIZ AS SHOWN  
VERT. NA

GRANITE HILL FINAL PLAT		ROAD
ROAD SECTIONS AND DRAINAGE DETAILS		SHEET
		5
		5

P-2027 EN6 Road & Drainage