

TIMBERLANE TERRACE - 2ND ADDITION

THE SW 1/4 OF SECTION 25, T.25 N., R.44 E.W.M., SPOKANE COUNTY, WASHINGTON

INDEX TO PLAN SET

SHEET 1 OF 4:	VICINITY MAP & PLAN INDEX
SHEET 2 OF 4:	EROSION & SEDIMENT CONTROL PLAN
SHEET 3 OF 4:	DRAINAGE PLAN
SHEET 4 OF 4:	STORMWATER DRAINAGE PLAN
	STREET PLAN—PROFILE: CONKLIN DRIVE
	STREET PLAN—PROFILE: GALWAY LANE
	STREET PLAN—PROFILE: 28TH LANE

CONSTRUCTION NOTES

- All work and materials shall be in conformance with the "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" 2001, 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 and the Spokane County Engineers office.
- For construction of drywells, install filter fabric (Amoco 4545 or approved equivalent) between the washed drainrock and the native soils.
- Prior to site construction, the Contractor is responsible for locating underground utilities. Call the underground utility location service at 456-8000 before you dig.
- 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.
- The floor of a Grassed Percolation Area (GPA) swale includes the level portion of the floor of the swale, and the side slopes 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.
- An Erosion/Sedimentation Control (ESC) plan is required for this project. Implementation of the ESC plan, and construction, maintenance, and upgrading of the ESC facilities are the responsibility of the Developer until all construction is completed and accepted by Spokane County, or until vegetation is established throughout the site, and accepted by Spokane County, whichever is later.
- Approval of the ESC plan does not constitute approval of any of the proposed road, storm drainage, grading or utility design elements shown on the ESC plan.
- The erosion/sedimentation control measures shown are the minimum requirements for the anticipated site conditions. The Contractor shall inspect and maintain these ESC measures daily, and shall maintain and upgrade these measures as necessary to prevent sediment-laden water from either flowing off the site, or into new/existing storm drainage facilities, such as drywells, culverts, or gravel galleries.
- Geotextile fabric is to be placed on the rims of drywells, catch basins and inlets until such time the vegetation on the site is established and the threat of sediment deposition into the drainage system is mitigated.
- 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.



PROJECT INFORMATION

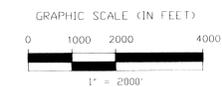
Owner/Applicant: Timberlane Inc.
 Jim Fox
 Contact Number: (509) 922-2748 Ext. 14
 Project Address: PO Box 989
 Veradale, WA 99037
 Property Description: (By Simpson Engineers, Inc.)

That portion of the SW 1/4 of Section 25, T.25 N., R.44 E.W.M. described as follows:

Begin at the Southwest corner of the Plat of "REMINGTON HILL 3 FIRST ADDITION"; the next 3 courses along the North line of TIMBERLANE TERRACE FIRST ADDITION; thence N89°43'53"W a distance of 247.40 feet; thence N89°25'00"W a distance of 38.00 feet; thence S22°45'53"W a distance of 46.06 feet; thence N01°29'56"W a distance of 38.00 feet to the beginning of a non-tangent curve concave of the South with a radius of 419.00 feet and a radial bearing of N02°19'02"W; thence Westerly, through a central angle of 90°1'48", an arc distance of 66.04 feet; thence N11°20'50"W, radial to said curve, a distance of 156.02 feet; thence N77°02'16"W a distance of 23.95 feet; thence N27°40'34"E a distance of 210.66 feet; thence S66°06'32"E a distance of 131.89 feet; thence N87°15'45"E a distance of 42.28 feet; thence S89°43'53"E a distance of 164.41 feet to the East line of said Remington Hill 3 First Addition; thence S00°16'07"W a distance of 281.95 feet to the Point of Beginning.

Situate in the County of Spokane, State of Washington.

VICINITY MAP



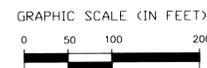
CALL BEFORE YOU DIG: 456-8000

ENGINEER'S CERTIFICATION

The design improvements shown in this set of plans conform to the applicable editions of the Spokane County standards for road and sewer construction and 2008 Spokane Regional Stormwater Manual. I approve these plans for construction.

Aaron C. Simpson
 AARON C. SIMPSON, P.E. 11/6/13
 DATE

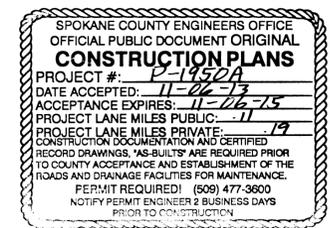
Jim Fox
 DEVELOPER'S APPROVAL 11/6/13
 DATE



CONTOUR INTERVAL: 5 FEET

Site Primary Soil Type: Clayton sandy loam, 0-8% slopes
 Spokane extremely rocky complex, 20-70% slopes

Note: Soils per USDA S.C.S. (now N.R.C.S.), 1968, "Soil Survey of Spokane County, Washington"
 For further soil information, refer to the project "Stormwater Drainage Report"



* Timberlane Pond expansion + over-flow subject to COSV acceptance. (see Sht. 3 of 4)

CALL BEFORE YOU DIG 456-8000

ACS	10/31/13	ADDRESS COMMENT LETTER DATED 10/25/13	DATUM	SCALE	DATE		Founded 1946 Simpson Engineers, Inc. CIVIL ENGINEERS & LAND SURVEYORS N. 909 ARGONNE ROAD, SPOKANE WA., 99212-2789 PHONE (509) 926-1322 FAX (509) 926-1323	TYPE OF IMPROVEMENT: DRAINAGE	TIMBERLANE TERRACE - 2ND ADDITION
ACS	11/1/13	ADDRESS COMMENT LETTER DATED 10/31/13	TBM NO.	HORIZONTAL 1"=100'	11/1/2013			PROJECT NUMBER	COVER SHEET
			ELEVATION	VERTICAL	11/6/13	13628	SHEET NUMBER	1 OF 4	
			LOCATION	TOP 1/2" PIPE-S1/4 COR-CONKLIN & SALTESE	APPROVED				THE SW 1/4 OF SEC.25, T25N, R44 EWM SPOKANE COUNTY, WASHINGTON
BY	DATE	REVISIONS / AS BUILT	* ADD 3.8 TO ALL ELEVATIONS FOR NAVD 88 DATUM						

P-1950A ENG "Road & Drainage"

OWNER/APPLICANT	TIMBERLANE INC -- JIM FOX 922-2748 Ext. 14.
CONTACT PERSON AT SITE	JIM FOX -- 230-2221
PROJECT ADDRESS	PO BOX 989 VERDALE, WA. 99037
PROJECT DESCRIPTION	13 LOT PLAT
ESC MEASURES	SILT FENCE, INLET PROTECTION, AND CONSTRUCTION ENTRANCE
SITE VEGETATION	DRYLAND GRASS AND PASTURE
SITE SOIL TYPES	CuB = CLAYTON SANDY LOAM SUE = SPOKANE EXTREMELY ROCK COMPLEX
EXISTING WATER BODIES	WETLANDS TO THE WEST

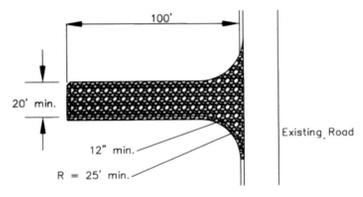


- The following construction sequence shall be followed in order to best minimize the potential for erosion and sediment control problems:
 - Clear and grub and rough grade sufficiently of temporary ESC BMPs;
 - Install temporary ESC BMPs, constructing sediment trapping BMPs as one of the first steps prior to grading;
 - Clear, grub and rough grade for roads, temporary access and utility locations;
 - Stabilize roadway approaches and temporary access points with the appropriate construction entry BMP;
 - Clear, grub and grade individual lots or groups of lots;
 - Temporarily stabilize, through re-vegetation or other appropriate BMPs, lots or groups of lots in situations where substantial cut or 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 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 qualities 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 not 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.
- Keep roads adjacent to inlets clean.
- Inspect inlets weekly at a minimum and daily during storm events.
- Construct stormwater facilities (detention/retention storage pond or swales) before grading begins. These facilities shall be operational before the construction of impervious site improvements.
- Stockpile materials (such as topsoil) on site, keeping off of roadway and sidewalks.
- Cover, contain and protect all chemicals, liquid products, petroleum product, 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 fertilizers 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 a runoff producing storm 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.
- 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.

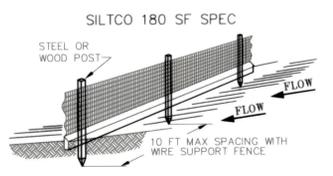
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1950A
DATE ACCEPTED: 11-06-13
ACCEPTANCE EXPIRES: 11-02-15
PROJECT LANE MILES PUBLIC: .1119
PROJECT LANE MILES PRIVATE: .119
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3500
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

Stabilized Construction Entrance

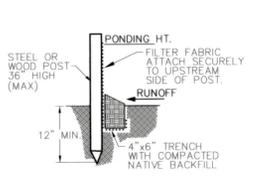


- Material should be quarry spalls (where feasible), 4 inches to 8 inches size.
- The rock pad shall be at least 12 inches thick and 100 feet in length for sites more than 1 acre; and may be reduced to 50 feet in length for sites less than 1 acre. Site is approximately 19.3 acres.
- Width shall be the full length of the vehicle egress area (minimum 20 feet).
- Additional rock should be added periodically to maintain proper function of the pad.
- See Figure II-5.4 per Spokane County Stormwater Management Manual.

SILT FENCE DETAIL

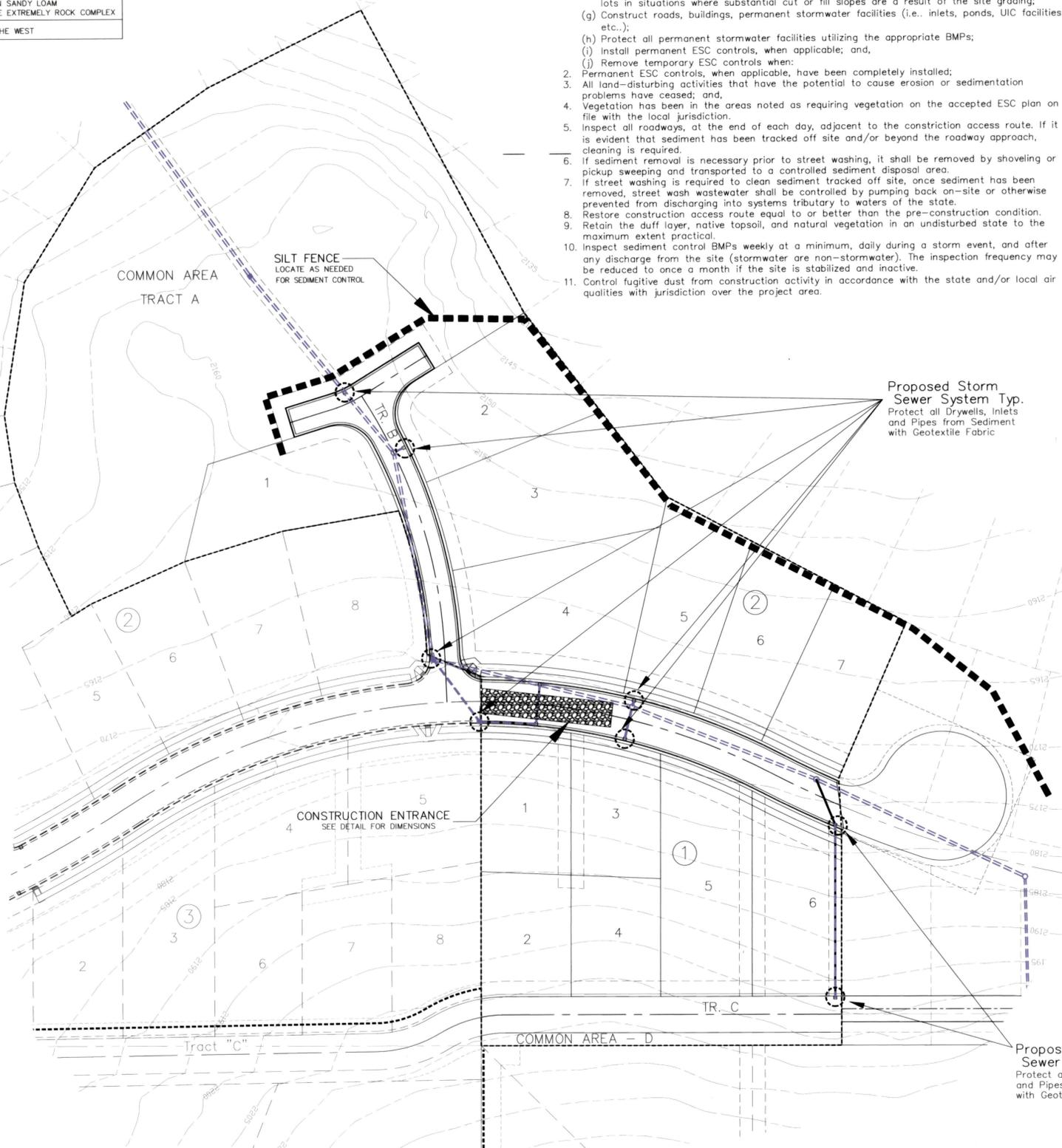


SILT FENCE SECTION



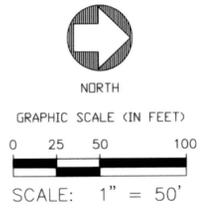
SILT FENCE NOTES

- INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
- REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
- SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
- TEMPORARY SILT FENCE LOCATION SHOWN ON THIS PLAN IS SCHEMATIC IN NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING ALL SILT RUNOFF DURING CONSTRUCTION.



LEGEND FOR ESC PLAN

- Temporary Silt Fencing
- Proposed Catch Basin Locations (protect from silt infiltration)
- Proposed Storm Sewer Pipe Locations (protect from silt infiltration)
- Proposed Finished Ground Contour (Contour Interval = 5')



ENGINEER'S CERTIFICATION FOR ESC PLAN

THE RECOMMENDED PROVISIONS SHOWN IN THIS EROSION & SEDIMENT CONTROL PLAN MEET THE APPLICABLE REQUIREMENTS FOR ESC PLANS AS LISTED IN CHAPTER 9 OF THE 2008 REGIONAL STORMWATER MANAGEMENT. I APPROVE THIS PLAN FOR CONSTRUCTION.

Alan Singh 11/6/13
DESIGN ENGINEER DATE

Samir Jay 11/6/13
DEVELOPER DATE

CALL BEFORE YOU DIG 456-8000

ACS	10/31/13	ADDRESS COMMENT LETTER DATED 10/25/13
ACS	11/1/13	ADDRESS COMMENT LETTER DATED 10/31/13
BY	DATE	REVISIONS / AS BUILT

DATUM	SCALE	DATE
TBM NO.	HORIZONTAL 1"=50'	DRAWN MCP 11/1/2013
ELEVATION 2180.03 NAVD29*	VERTICAL	CHECKED ACS 11/6/13
LOCATION	TOP 1/2" PIPE-S1/4 COR--CONKLIN & SALTESE	APPROVED
* ADD 3.8 TO ALL ELEVATIONS FOR NAVD 88 DATUM		

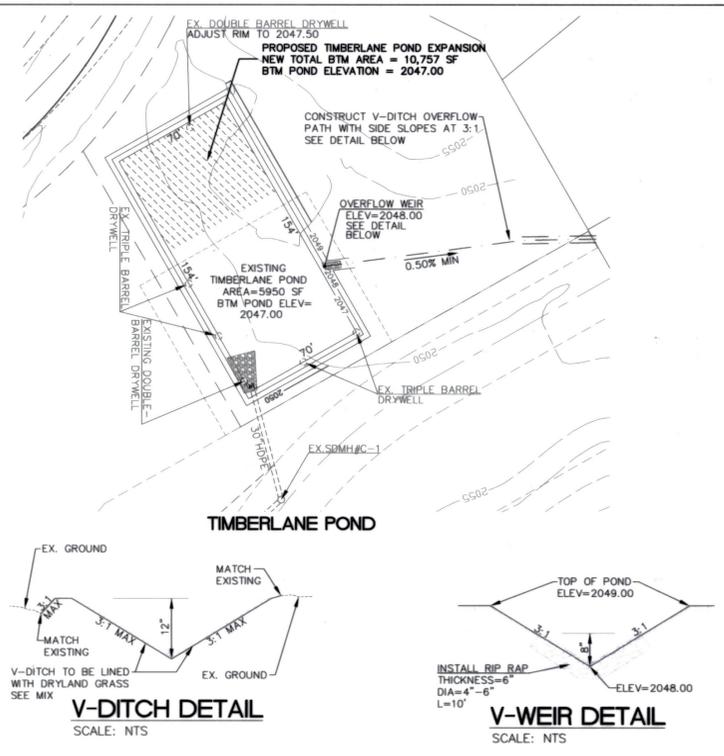
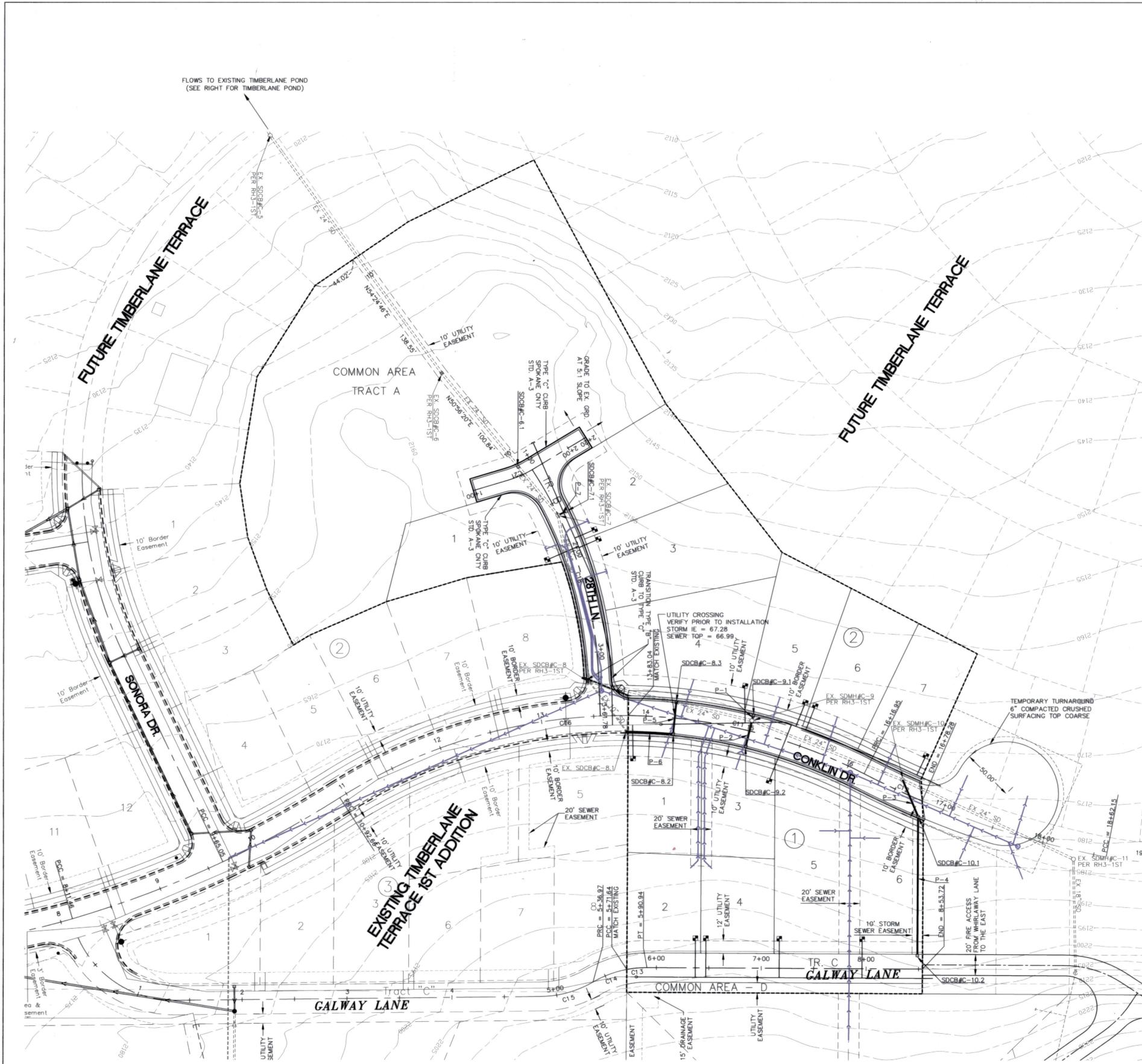


Founded 1946
Simpson Engineers, Inc.
CIVIL ENGINEERS & LAND SURVEYORS
N. 909 ARGONNE ROAD, SPOKANE WA., 99212-2789
PHONE (509) 926-1322 FAX (509) 926-1323

TYPE OF IMPROVEMENT: EROSION CONTROL	
PROJECT NUMBER	SHEET NUMBER
13628	2 OF 4

TIMBERLANE TERRACE - 2ND ADDITION
TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
THE SW 1/4 OF SEC.25, T25N, R44 EWM
SPOKANE COUNTY, WASHINGTON

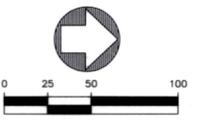
P-1950A ENG 'Road & Drainage'



NAME	LOCATION	NOTE	EX. RIM ELEV.	PROP. RIM ELEV.	INVERT ELEVATIONS
SDCB#-8	CONKLIN 13+47.78 33.45' LT.	ASBUILT INFORMATION PER REMINGTON HILLS 3 - 1ST ADDITION	2169.45	2169.33	EX. 24" IN (N) = 2161.49 EX. 10" IN (NE) = 2161.46 EX. 24" OUT (SW) = 2161.36 SUMP ELEV. = 2159.99
SDMH#-9	CONKLIN 14+99.70 10.18' LT.	ASBUILT INFORMATION PER REMINGTON HILLS 3 - 1ST ADDITION	2172.19	2170.71	EX. 24" IN (NE) = 2164.09 EX. 24" OUT (SW) = 2163.84 8" IN (E) = 2167.25 8" IN (W) = 2167.25
SDMH#-10	CONKLIN 16+52.98 10.9' LT.	ASBUILT INFORMATION PER REMINGTON HILLS 3 - 1ST ADDITION	2173.60	2173.51	EX. 24" IN (NE) = 2167.37 EX. 24" OUT (SW) = 2167.03 10" IN (E) = 2170.55
SDMH#-11	CONKLIN 18+32.24 8.4' RT.	ASBUILT INFORMATION PER REMINGTON HILLS 3 - 1ST ADDITION	2183.43	2179.70	EX. 18" IN (SE) = 2170.78 EX. 24" OUT (W) = 2170.08
SDCB#-6.1	28TH 0+99.87 9.45' RT.	48" CATCH BASIN TYPE 2 PER WSDOT B-1E METAL FRAME TYPE 1-ONLY GRATE TYPE 3-ONLY	-	RIM: 2155.98 AC: 2156.07	EX. 24" IN (NE) = 2152.76 EX. 24" OUT (W) = 2152.76
SDCB#-7	28TH 1+62.48 0.03' RT.	ASBUILT INFORMATION PER REMINGTON HILLS 3 - 1ST ADDITION	2158.44	2158.26	EX. 24" IN (E) = 2153.04 EX. 24" OUT (W) = 2152.99 8" IN (N) = 2154.86
SDCB#-7.1	28TH 1+62.48 8.0' LT.	ASBUILT INFORMATION PER REMINGTON HILLS 3 - 1ST ADDITION	-	2158.06	8" IN OUT (S) = 2155.30
SDCB#-8.1	CONKLIN 13+81.28 15.5' LT.	ASBUILT INFORMATION PER TIMBERLANE TERRACE - 1ST ADDITION	2170.14	-	10" IN (N) = 2166.10 EX. 10" OUT (SW) = 2165.24 SUMP ELEV. = 2163.74
SDCB#-8.2	CONKLIN 14+27.44 15.5' RT.	SPOKANE COUNTY STDS CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 3	-	2170.02	8" IN (W) = 2168.99 10" OUT (E) = 2168.79 SUMP ELEV. = 2165.29
SDCB#-8.3	CONKLIN 14+27.44 15.5' LT.	SPOKANE COUNTY STDS CONCRETE INLET TYPE 2 METAL FRAME TYPE 1 GRATE TYPE 3	-	2170.02	8" OUT (E) = 2167.35
SDCB#-9.1	CONKLIN 15+00 15.5' LT.	SPOKANE COUNTY STDS CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	-	2170.46	8" OUT (E) = 2167.50
SDCB#-9.2	CONKLIN 15+00 15.5' RT.	SPOKANE COUNTY STDS CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	-	2170.46	8" OUT (W) = 2167.50
SDCB#-10.1	CONKLIN 16+80.51 15.5' RT.	SPOKANE COUNTY STDS CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	-	2174.23	10" IN (E) = 2171.40 10" OUT (W) = 2171.20
SDCB#-10.2	GALWAY 8+48.72 13.0' LT.	SPOKANE COUNTY STDS CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	-	2205.63	10" OUT (W) = 2202.63
P-1	CONKLIN	8" PVC L=5.1' S=5.00%	-	-	8" PVC IN (SDCB#-9.1) = 2167.50 8" PVC OUT (EX.SDCB#-9) = 2167.25
P-2	CONKLIN	8" PVC L=25.4' S=1.00% (PASS OVER SEWER)	-	-	8" PVC IN (SDCB#-9.2) = 2167.50 8" PVC OUT (EX.SDCB#-9) = 2167.25
P-3	CONKLIN	10" PVC L=38.1' S=1.71% (PASS OVER SEWER)	-	-	10" PVC IN (SDCB#-10.1) = 2171.20 10" PVC OUT (EX.SDMH#-C10) = 2170.55
P-4	5' OFF NORTH LINE LOT 6	10" PVC L=13.8' S=23.3%	-	-	10" PVC IN (SDCB#-10.2) = 2202.63 10" PVC OUT (SDCB#-10.1) = 2171.40
P-5	CONKLIN	8" PVC L=31' S=0.50% (PASS OVER SEWER)	-	-	8" PVC IN (SDCB#-8.3) = 2167.35 8" PVC OUT (SDCB#-8.2) = 2167.19
P-6	CONKLIN	10" PVC L=44.2' S=2.00%	-	-	10" PVC IN (SDCB#-8.2) = 2166.99 10" PVC OUT (SDCB#-8.1) = 2166.10
P-7	28TH	8" PVC L=8.8' S=5.00%	-	-	8" PVC IN (SDCB#-7.1) = 2155.30 8" PVC OUT (SDCB#-7) = 2154.86

GRATE IS TO BE DEPRESSED 1-INCH

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1950A
DATE ACCEPTED: 11-16-13
ACCEPTANCE EXPIRES: 11-26-15
PROJECT LANE MILES PUBLIC: .11
PROJECT LANE MILES PRIVATE: .19
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, AS-BUILT ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION



BY	DATE	REVISIONS / AS BUILT
ACS	10/31/13	ADDRESS COMMENT LETTER DATED 10/25/13
ACS	11/1/13	ADDRESS COMMENT LETTER DATED 10/31/13

DATUM	SCALE	DATE
TM NO.	HORIZONTAL 1"=50'	11/1/2013
ELEVATION 2180.03 NAVD29*	VERTICAL 1"=10'	11/6/13
LOCATION TOP 1/2" PIPE-SI/4 COR-CONKLIN & SALTISE	CHECKED ACS	
	APPROVED	



Simpson Engineers, Inc.
Founded 1946
CIVIL ENGINEERS & LAND SURVEYORS
N. 909 ARGONNE ROAD, SPOKANE WA., 99212-2789
PHONE (509) 926-1322 FAX (509) 926-1323

TYPE OF IMPROVEMENT:	PROJECT NUMBER	SHEET NUMBER
DRAINAGE	13628	3 OF 4

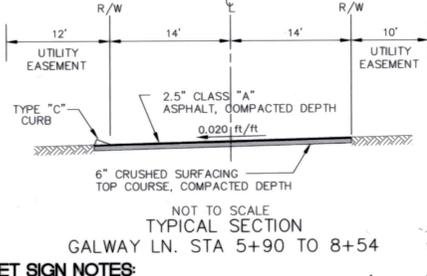
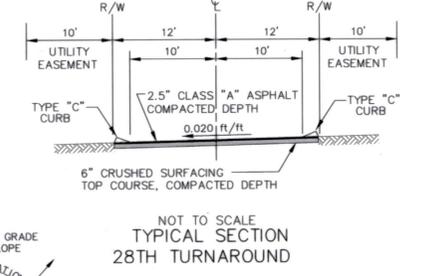
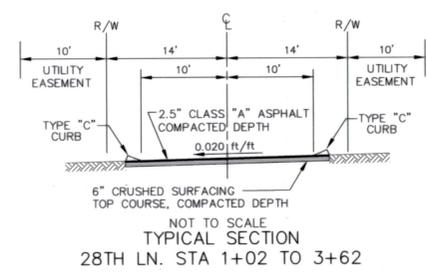
TIMBERLANE TERRACE - 2ND ADDITION
DRAINAGE PLAN
THE SW 1/4 OF SEC.25, T25N, R44 EWM
SPOKANE COUNTY, WASHINGTON
CALL BEFORE YOU DIG 456-8000

P-1950A ENG "Road & Drainage"

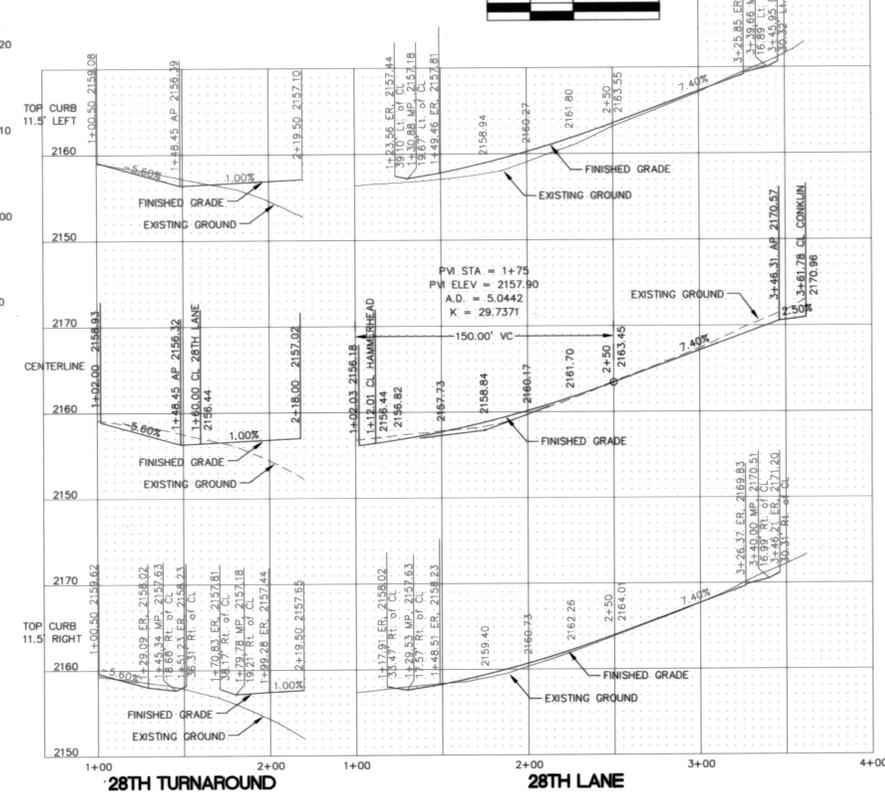
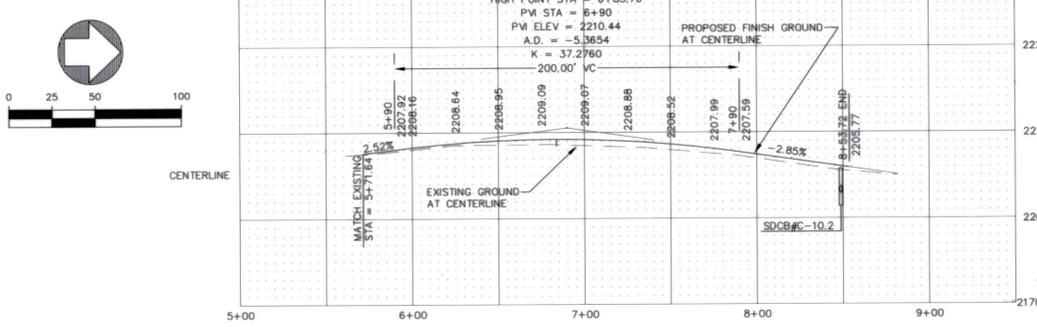
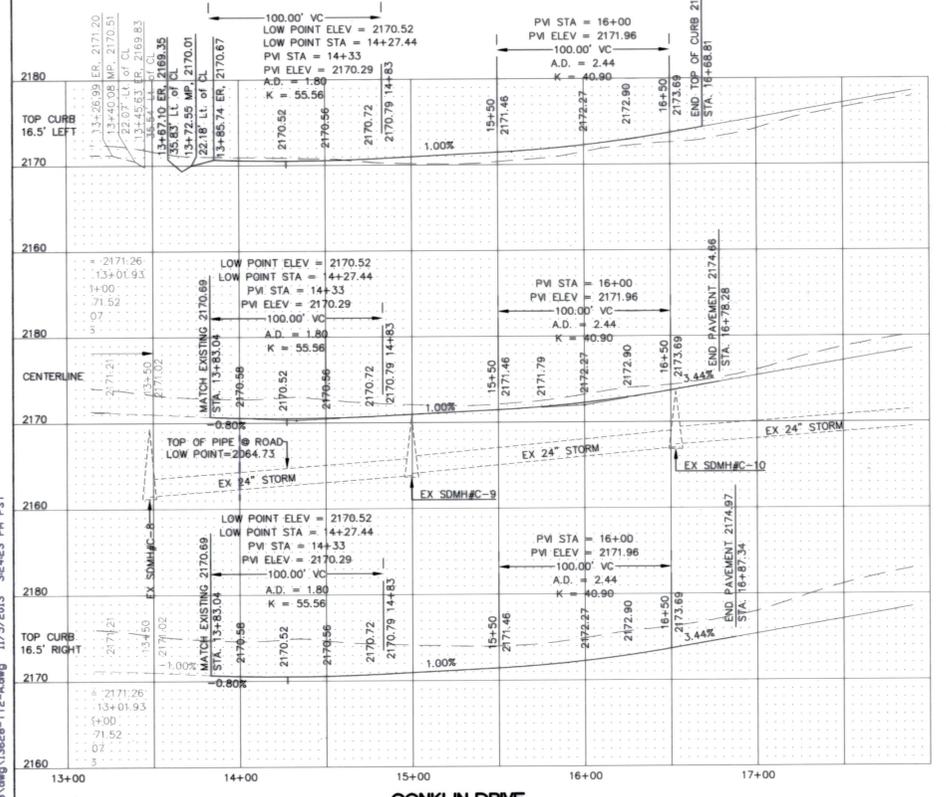
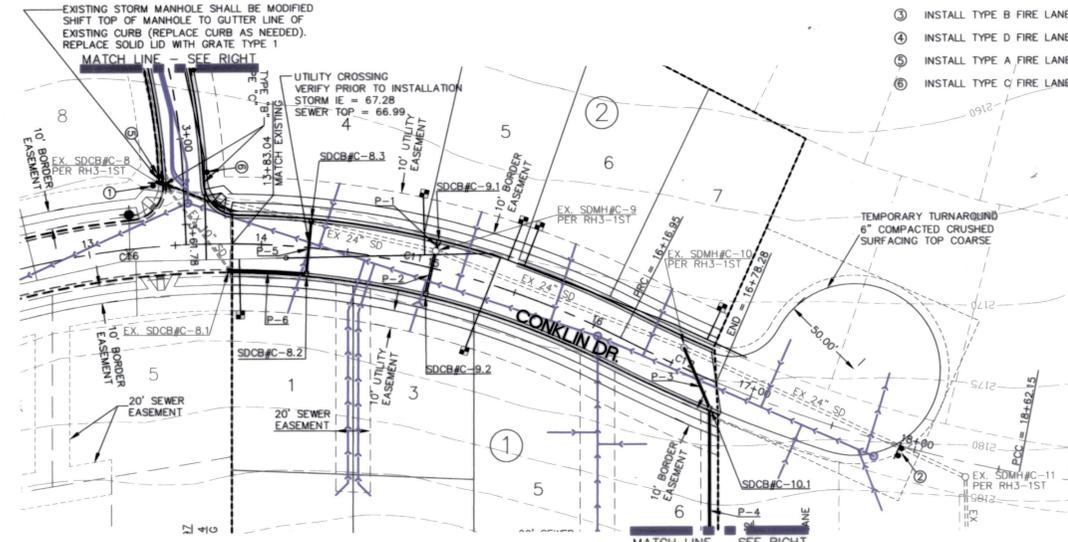
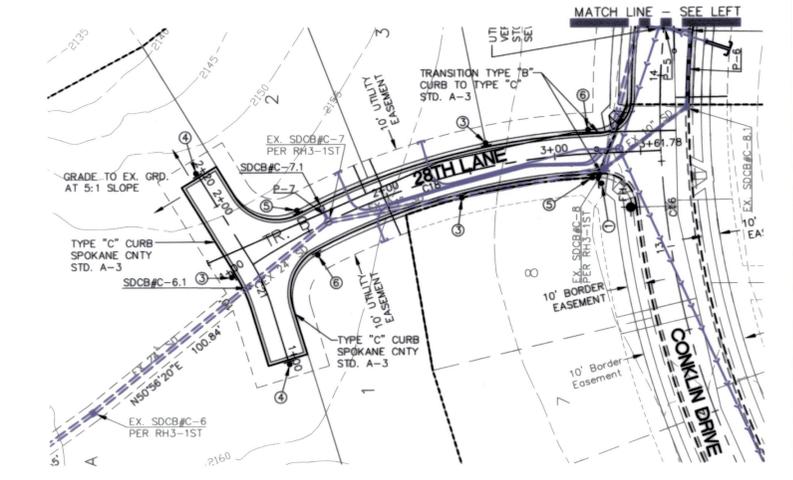
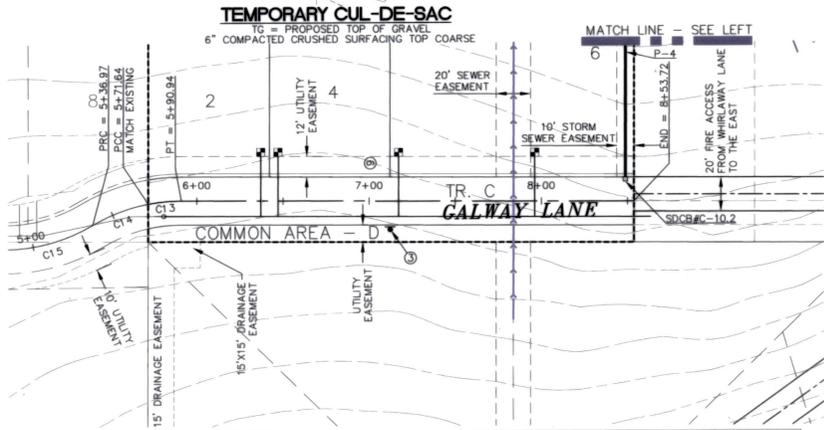
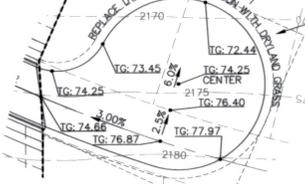
P:\Projects\13628-1400\13628.dwg 13628-112-Adwg 11/5/2013 3:24:23 PM PST

LEGEND

- = Fire Hydrant
- = Street Name Sign
- = Sanitary Sewer Manhole (Proposed)
- = Sanitary Sewer Manhole (Existing)
- = Catch Basin
- - - = Existing Ground Contour
- - - = Border Easement
- - - = Utility Easement
- - - = Centerline Street
- - - = Waterline
- - - = Sanitary Sewer (Proposed)
- - - = Sanitary Sewer (Existing)
- - - = Proposed Storm Drain Pipe
- - - = Existing Storm Drain Pipe

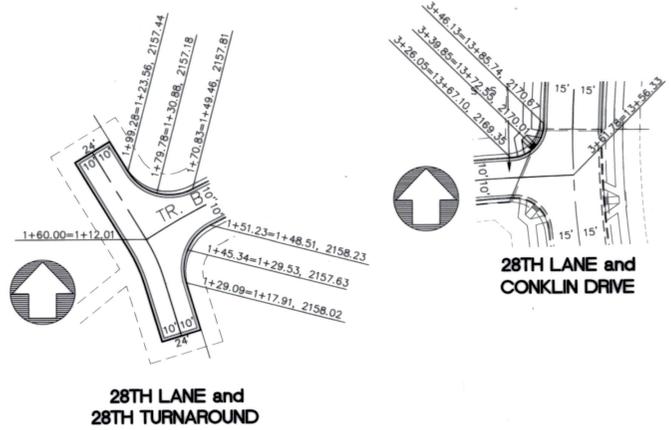


- STREET SIGN NOTES:**
- 1) INSTALL STOP SIGN & PRIVATE ROAD NAME SIGN PER SPOKANE COUNTY STD. PLAN NO. A-16, A-16A, & A-16B
 - 2) INSTALL TYPE III BARRICADE AT END OF TEMPORARY TURNAROUND
 - 3) INSTALL TYPE B FIRE LANE NO PARKING SIGN
 - 4) INSTALL TYPE D FIRE LANE NO PARKING SIGN
 - 5) INSTALL TYPE A FIRE LANE NO PARKING SIGN
 - 6) INSTALL TYPE C FIRE LANE NO PARKING SIGN



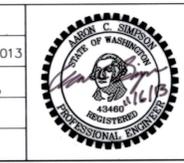
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C11	233.91	500.00	26°48'13"	119.13
C12	61.33	850.00	4°08'02"	30.68
C13	19.29	100.00	11°03'14"	9.68
C14	34.67	100.00	19°51'43"	17.51
C15	52.34	100.00	29°59'10"	26.78
C16	290.38	500.00	33°16'31"	149.41
C17	30.18	20.00	86°26'42"	18.80
C18	211.88	395.00	30°44'01"	108.56
C19	42.19	28.00	86°19'35"	26.26
C20	38.57	28.00	77°53'17"	23.05
C21	24.44	96.10	14°34'04"	12.28

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: **P-1950A**
 DATE ACCEPTED: **11-26-13**
 ACCEPTANCE EXPIRES: **11-26-15**
 PROJECT LANE MILES: **PRIVATE**
 CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
 PERMIT REQUIRED! (509) 477-3600
 NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION.



DATE	BY	REVISIONS / AS BUILT
10/31/13	ACS	ADDRESS COMMENT LETTER DATED 10/25/13
11/1/13	ACS	ADDRESS COMMENT LETTER DATED 10/31/13

DATUM	SCALE	DATE
TBM NO.	HORIZONTAL 1"=50'	10/31/2013
ELEVATION 2180.03 NAVD8*	VERTICAL 1"=10'	11/6/13
LOCATION TOP 1/2" PIPE-SI/4 COR-CONKLIN & SALTESE	CHECKED ACS	APPROVED



Simpson Engineers, Inc.
 Founded 1946
 CIVIL ENGINEERS & LAND SURVEYORS
 N. 909 ARGONNE ROAD, SPOKANE WA, 99212-2789
 PHONE (509) 926-1322 FAX (509) 926-1323

TYPE OF IMPROVEMENT:	
STREET	
PROJECT NUMBER	SHEET NUMBER
13628	4 OF 4

TIMBERLANE TERRACE - 2ND ADDITION
 PLAN-PROFILE: CONKLIN DRIVE - STA. 13+83.04 TO 16+78.28
 PLAN-PROFILE: GALWAY LANE - STA. 5+71.64 TO 8+53.72
 PLAN-PROFILE: 28TH LANE - STA. 1+02 TO 3+62
 THE SW 1/4 OF SEC.25, T25N, R44 EWM
 SPOKANE COUNTY, WASHINGTON
 CALL BEFORE YOU DIG 456-8000

P-1950A EN6 "Road & Drainage"