TIMBERLANE TERRACE - FIFTH ADDITION

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

NORTH

GRAPHIC SCALE (IN FEET)

0 50 100 200

CONTOUR INTERVAL: 5 FEET

CONSTRUCTION NOTES

1) ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" 2001, AND AS AMENDED.

2) LOCATIONS OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.

3) THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED ROAD AND DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

4) IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER AND THE SPOKANE COUNTY ENGINEERS OFFICE.

5) FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (AMOCO 4545 OR APPROVED EQUIVALENT) BETWEEN THE WASHED DRAINROCK AND THE NATIVE SOILS.

6) PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.

7) FOR ANY CURB GRADES LESS THAN 0.8% (0.008 FT./FT.), A WASHINGTON STATE LICENSED PROFESSIONAL LAND SURVEYOR SHALL VERIFY THAT THE CURB FORMS ARE AT THE GRADES NOTED ON THE APPROVED PLANS, PRIOR TO PLACEMENT OF CURB MATERIAL. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND COORDINATING WORK WITH THE PROFESSIONAL LAND SURVEYOR.

8) THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, AND THE 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.

9) 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.

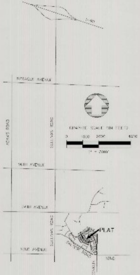
10) APPROVAL OF THE ESC PLAN DOES NOT CONSTITUTE APPROVAL OF ANY OF THE PROPOSED ROAD, STORM DRAINAGE, GRADING OR UTILITY DESIGN ELEMENTS SHOWN ON THE ESC PLAN.

11) 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.

12) 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.

13) 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.

CALL BEFORE YOU DIG: 811



VICINITY MAP

INDEX TO PLAN SET

SHEET 1 OF 5: VICINITY MAP & PLAN INDEX

SHEET 2 OF 5: EROSION & SEDIMENT CONTROL PLAN

SHEET 3 OF 5: STORMWATER DRAINAGE PLAN

SHEET 4 OF 5: TIMBERLANE POND EXPANSION

SHEET 5 OF 5: STREET PLAN-PROFILE: SONORA DRIVE

PROJECT INFORMATION

Owner/Applicant: Timberlane Inc.
Jesse Fox

Contact Number: (509) 922-2748 Ext. 14

Project Address: 12815 E. Sprague Ave., Suite 100
Spokane Valley, WA 99216

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 Northeast corner of Timberlane Terrace 3rd Addition, as recorded in Book 37 of Plats, pages 50 and 51 in Spokane County, Washington; the next 3 courses along the Northerly line of said 3rd Addition, thence N65°16'23"W 167.51 feet to a point on a nontangent curve concave to the Northwest with a radius of 531.00 feet and a radial bearing of S65°16'23"E from the center of curve; thence Southwesterly through a central angle of 1°57'40", an arc distance of 18.17 feet; thence N63°18'43"W, radial to said curve, 128.38 feet; thence N19°10'07"E 106.63 feet; thence N04°07'25"E 304.09 feet; thence N11°53'03"E 105.73 feet; S71°43'28"E 130.14 feet to a point on a nontangent curve concave to the Southeast with a radius of 319.00 feet and a radial bearing of N71°43'28"W; thence Northeasterly, through a central angle of 8°23'32", an arc distance of 46.72 feet to the end of curve; thence N26°40'03"E 31.42 feet; thence S63°19'57"E 38.00 feet; thence S89°48'09"E 88.73 feet; thence S82°07'57"E 44.78 feet; thence S51°19'18"E 54.78 feet; thence S41°33'52"E 173.64 feet to the East line of the SW ¼ of said Section 25; thence S00°16'07"W, along said East line, 425.02 feet to the Northeast corner of Timberlane Terrace 2nd Addition, as recorded in Book 37 of Plats, pages 50 and 51 in Spokane County, Washington; the next 4 courses along the Northerly line of said 2nd Addition; thence N89°43'53"W 164.40 feet; thence S87°15'45"W 42.28 feet; thence N66°06'32"W 131.89 feet; thence S27°40'34"W 10.21 feet to the point of beginning.

Situate in the County of Spokane, State of Washington.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1950D
DATE ACCEPTED: 02-15-19
ACCEPTANCE EXPIRES: 02-15-21
PROJECT LANE MILES PUBLIC: .23
PROJECT LANE MILES PRIVATE: .04
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" 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

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 REGIONAL STORMWATER MANUAL. I APPROVE THESE PLANS FOR CONSTRUCTION.

[signature] 2/14/19
DESIGN ENGINEER DATE

[signature] 2/14/19
DEVELOPER DATE

Site Primary Soil Type: Bong & Phoebe loamy sands, Clayton sandy loam, Garrison very gravelly loam, Hardesty silt loam, Spokane very rocky complex, Spokane extremely rocky complex

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"

CALL BEFORE YOU DIG 811

BY	DATE	REVISIONS / AS BUILT

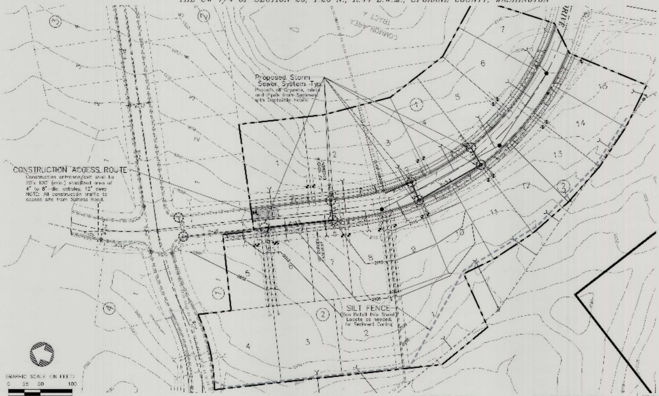
DATUM	SCALE		DATE
BM NO. ELEVATION 2169.43 NGVD29*	HORIZONTAL 1"=100'	DRAWN M. C. PHILLIPS	2/13/2019
LOCATION TOP 1/2" REBAR CL CONKLIN & CALWAY	VERTICAL	CHECKED	
* ADD 3.6 TO ALL ELEVATIONS FOR NAVD 88 DATUM		APPROVED	

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

TYPE OF IMPROVEMENT		TIMBERLANE TERRACE - 5TH ADD SW 1/4 OF SECTION 25, T. 25 N, R. 44 E.W.M.
DRAINAGE		
PROJECT NUMBER	SHEET NUMBER	VICINITY MAP & PLAN INDEX
13628	1 OF 5	

TIMBERLANE TERRACE - FIFTH ADDITION

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



OWNER/APPLICANT	TIMBERLANE INC - JESSE FOX 850-2805
CONTACT PERSON AT SITE	JESSE FOX - 850-2805
PROJECT ADDRESS	12505 E SPRAGUE AVE, SUITE 100 SPOKANE VALLEY, WA 99216
PROJECT DESCRIPTION	22 LOT PLAT
ESC MEASURES	SILT FENCE, INLET PROTECTION AND CONSTRUCTION ENTRANCE
SITE VEGETATION	DRYLAND GRASS
SITE SOIL TYPES	2052 - BRICKEN, MOST SPOKIE COMPLEX

LEGEND FOR ESC PLAN

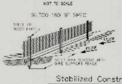
- = Temporary Silt Fencing
- = Proposed Catch Basin Locations (protect from silt infiltration)
- = Proposed Storm Sewer Pipe Locations (protect from silt infiltration)
- —2150— = Existing Ground Contour (Contour interval = 5')

SILT FENCE NOTES

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.
4. TEMPORARY SILT FENCE LOCATION SHOWN ON THIS PLAN IS SCHEMATIC IN NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING ALL SILT RUNOFF DURING CONSTRUCTION.

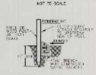
SILT FENCE DETAIL

NOT TO SCALE

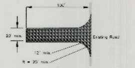


SILT FENCE SECTION

NOT TO SCALE



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 access area (minimum 20 feet).
- Additional rock should be added periodically to maintain proper function of the pad.
- See figure 1-5.4 per Spokane County Stormwater Management Manual.

ENGINEER'S CERTIFICATION FOR ESC PLAN

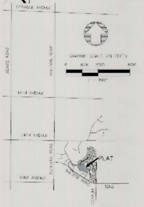
THE RECOMMENDED PROVISIONS SHOWN IN THIS EROSION & SEDIMENT CONTROL PLAN MEET THE APPLICABLE REQUIREMENTS FOR ESC PLANS AS LISTED IN CHAPTER 9 OF THE 2008 REGIONAL STORMWATER MANAGEMENT. I APPROVE THIS PLAN FOR CONSTRUCTION.

DESIGN ENGINEER 2/14/19
DATE

DEVELOPER 2/14/19
DATE

BM: Brass Cap #2227
South side of 32nd Avenue
just East of Man o' War Court
ELEV. 2026.53

CONTOUR INTERVAL: 5 FEET



VICINITY MAP

TEMPORARY EROSION AND SEDIMENT CONTROL NOTES

1. The following construction sequence shall be followed in order to best minimize the potential for erosion and sediment control problems:
   (a) Clear and grub and rough grade sufficiently of temporary ESC BMPs;
   (b) Install temporary ESC BMPs, constructing sediment trapping BMPs as one of the first steps prior to grading;
   (c) Clear, grub and rough grade for roads, temporary access and utility locations;
   (d) Stabilize roadway approaches and temporary access points with the appropriate construction entry BMP;
   (e) Clear, grub and grade individual lots or groups of lots;
   (f) 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;
   (g) Construct roads, buildings, permanent stormwater facilities (i.e., inlets, ponds, UIC facilities, etc.);
   (h) Protect all permanent stormwater facilities utilizing the appropriate BMPs;
   (i) Install permanent ESC controls, when applicable; and,
   (j) Remove temporary ESC controls when:
2. Permanent ESC controls, when applicable, have been completely installed;
3. All land-disturbing activities that have the potential to cause erosion or sedimentation problems have ceased; and,
4. Vegetation has been in the areas noted as requiring vegetation on the accepted ESC plan on file with the local jurisdiction.
5. 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.
6. 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.
7. 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.
8. Restore construction access route equal to or better than the pre-construction condition.
9. Retain the duff layer, native topsoil, and natural vegetation in an undisturbed state to the maximum extent practical.
10. Inspect sediment control BMPs weekly at a minimum, daily during a storm event, and after any discharge from the site (stormwater are non-stormwater). The inspection frequency may be reduced to once a month if the site is stabilized and inactive.
11. Control fugitive dust from construction activity in accordance with the state and/or local air qualities with jurisdiction over the project area.
12. 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.
13. Protect inlets, drywells, catch basins and other stormwater management facilities from sediment, whether or not facilities are operable.
14. Keep roads adjacent to inlets clean.
15. Inspect inlets weekly at a minimum and daily during storm events.
16. Construct stormwater facilities (detention/retention storage pond or swales) before grading begins. These facilities shall be operational before the construction of impervious site improvements.
17. Stockpile materials (such as topsoil) on site, keeping off of roadway and sidewalks.
18. Cover, contain and protect ass 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.
19. 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 n site using temporary plastic beneath the vehicle.
20. 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 manufacture's recommended application rates and procedures to meet this requirement, if necessary.
21. 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 removal and replace before six inches of sediment can accumulate.
22. 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.
23. A site log shall be completed with the project per SS5.4.

SPOKANE COUNTY ENGINEERS OFFICE
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CONSTRUCTION PLANS
PROJECT #: P-1950D
DATE ACCEPTED: 02-15-19
ACCEPTANCE EXPIRES: 02-15-21
PROJECT LANE MILES PUBLIC:
PROJECT LANE MILES PRIVATE:
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" 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

CALL BEFORE YOU DIG 811

BY	DATE	REVISIONS / AS BUILT

DATUM	SCALE		DATE
TBM NO.	HORIZONTAL 1"=100'	DRAWN M. C. PHILLIPS	2/13/2019
ELEVATION 2169.45 NAVD88	VERTICAL	CHECKED	
LOCATION TOP 1/2" REBAR @ CONKLIN & GALWAY		APPROVED	
* ADD 3.8 TO ALL ELEVATIONS FOR NAVD 88 DATUM			

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

TYPE OF IMPROVEMENT		
EROSION CONTROL		***TIMBERLANE TERRACE - 5TH ADD*** *SW 1/4 OF SECTION 25, T. 25 N, R. 44 E.W.M.*
PROJECT NUMBER	SHEET NUMBER	TEMPORARY EROSION & SEDIMENT CONTROL PLAN
13628	2 OF 5	

STORMWATER / STREET - PROJECT LEGEND

2010 SPOKANE COUNTY ROAD STANDARDS

1. CONSTRUCT CONCRETE TYPE "B" CURB, SPO. CO. STDS. SHEET A-3
2. INSTALL 24' WIDE DRIVEWAY PER SPOKANE CNTY STD A-4
3. CONSTRUCT 5' WIDE CONCRETE SIDEWALK, SPO. CO. STDS. SHEET A-1
4. STREET MONUMENT TO BE SET BY SIMPSON ENGINEERS
5. INSTALL 16' WIDE DRIVEWAY PER SPOKANE CNTY STD A-4
6. INSTALL CATCH BASIN PER STORM DRAINAGE SYSTEM TABLE
7. INSTALL STORM PIPE PER PIPE SCHEDULE
8. SAWCUT MINIMUM 1' OF EXISTING ASPHALT, MATCH ASPHALT, AND SEAL SAWCUT JOINT.
9. INSTALL "NO PARKING - FIRE LANE" TYPE "B" SIGN PER INTERNATIONAL FIRE CODE-APPENDIX "D"

BM: Brass Cap #2227
South side of 32nd Avenue
just East of Man o' War Court
ELEV. 2026.53

STORM DRAINAGE SYSTEM: CATCH BASINS

NAME	LOCATION	STRUCTURE & GRATE TYPE SPOKANE COUNTY & DOT STDS.	GRATE ELEV.	SUMP ELEV.	INVERT ELEVATIONS
11-5 EXCB-24	SONORA 20+11.57 RT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2100.48 2101.04*	2095.40	12" IN FROM NW (P-5.5) = 2097.00** 12" OUT TO NW (P-28) = 2096.90
CB-5.1	SONORA 22+34.77 LT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2119.51	2114.61	12" IN FROM SW (P-5.2) = 2116.21 12" OUT TO NW (P-5.1) = 2116.11
CB-5.2	SONORA 22+34.77 RT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2119.51	2115.01	12" IN FROM SE (P-5.3) = 2116.61 12" OUT TO NE (P-5.2) = 2116.51
CB-5.3	SONORA 23+82.98 RT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2126.25	2120.89	8" IN FROM NE (P-5.4) = 2122.82 12" OUT TO NW (P-5.3) = 2122.49
CB-5.4	SONORA 23+87.16 LT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2126.44	2121.94	8" OUT TO SW (P-5.4) = 2123.44
CB-5.5	SONORA 21+20 RT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2108.80	2103.68	12" OUT TO NW (P-5.5) = 2105.08 8" IN FROM E (P-5.6) = 2105.18
CB-5.6	SONORA 21+20 LT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2108.80	2104.30	8" OUT TO W (P-5.6) = 2105.80

NOTE: FOR CB TYPE 1, SEE SPOKANE COUNTY STANDARD PLAN B-4
FOR METAL FRAME, TYPE 1 SEE SPOKANE COUNTY STANDARD PLAN B-10
FOR METAL FRAME, TYPE 2 SEE SPOKANE COUNTY STANDARD PLAN B-11
FOR METAL GRATE, TYPE 1 SEE SPOKANE COUNTY STANDARD PLAN B-12
FOR METAL GRATE, TYPE 3 SEE SPOKANE COUNTY STANDARD PLAN B-14
* ADJUST GRATE TO PROPOSED ELEVATION
** PROPOSED INVERT ELEVATION OF NEW 12" STORM LINE

PIPE SCHEDULE

PIPE NAME	I.D.	PIPE TYPE	APPROX. LENGTH	APPROX. SLOPE
P-5.1	12"	H.D.P.E./PVC	46'	0.0872
P-5.2	12"	H.D.P.E./PVC	30'	0.0100
P-5.3	12"	H.D.P.E./PVC	112'	0.0525
P-5.4	8"	H.D.P.E./PVC	31'	0.0200
P-5.5	12"	H.D.P.E./PVC	108'	0.0757
P-5.6	8"	H.D.P.E./PVC	31'	0.0200

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PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

CALL BEFORE YOU DIG 811

BY	DATE	REVISIONS / AS BUILT

DATUM: TBM NO. — ELEVATION 2068.45 NAVD88* — LOCATION TOP 1/2" REBAR CL CONKLIN & GALWAY
* ADD 3.8 TO ALL ELEVATIONS FOR NAVD 88 DATUM
SCALE: HORIZONTAL 1"=100' — VERTICAL
DRAWN: M. C. PHILLIPS — CHECKED: — APPROVED:
DATE: 2/13/2019

Founded 1948
Simpson Engineers, Inc.
CIVIL ENGINEERS & LAND SURVEYORS
N. 909 ARGONNE ROAD, SPOKANE VALLEY WA., 99212-2789
PHONE (509) 926-1322 FAX (509) 926-1323

TYPE OF IMPROVEMENT: DRAINAGE
PROJECT NUMBER: 13628
SHEET NUMBER: 3 OF 5

TIMBERLANE TERRACE - 5TH ADD

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

STORMWATER DRAINAGE PLAN

APPENDIX 4-A GENERAL CONSTRUCTION NOTES

A. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CITY OF SPOKANE VALLEY STREET STANDARDS, SPOKANE REGIONAL STORMWATER MANUAL AND ALL OTHER GOVERNING AGENCY'S STANDARDS.
B. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 1-800-424-5555 BEFORE YOU DIG.
C. 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.
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E. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE APPLICANT'S ENGINEER AND ONSITE INSPECTOR.
F. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT THE INFILTRATION CAPACITY OF STORMWATER FACILITIES (E.G., LINE THE FACILITY WITH FILTER FABRIC, OVER-EXCAVATE UPON COMPLETION OF THE INFRASTRUCTURE, ETC.)
G. WHERE DIRECTED BY THE CITY OF SPOKANE VALLEY, THE CONTRACTOR SHALL PLACE TRAFFIC CONTROL DEVICES. THE PLACEMENT AND TYPE OF WHICH SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
H. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH AND CONTACT ALL APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION.
I. ALL PAVEMENT CUTS TO CONNECT UTILITIES SHALL BE REPAIRED IN CONFORMANCE WITH THE REGIONAL PAVEMENT CUT POLICY.
J. ALL SURVEY MONUMENTS SHALL BE PROTECTED DURING CONSTRUCTION BY OR UNDER THE DIRECTION OF A LICENSED SURVEYOR AS REQUIRED BY STATE LAW. ANY DISTURBED OR DAMAGED MONUMENTS SHALL BE REPLACED BY OR UNDER THE DIRECTION OF A LICENSED SURVEYOR PRIOR TO CERTIFICATION /FINAL PLAT AND/OR RELEASE OF SURETY. THE CONTRACTOR IS RESPONSIBLE FOR THE FILING OF PERMITS FOR MONUMENT REMOVAL AND REPLACEMENT WITH THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, AS REQUIRED BY WAC 120-070.
K. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND ACQUIRING ELECTRICAL INSPECTIONS REQUIRED BY THE STATE.
L. CONTRACTOR IS RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO INITIATING CONSTRUCTION.
M. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL HAVE A CURRENT CITY OF SPOKANE VALLEY BUSINESS LICENSE.
N. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE LICENSED BY THE STATE OF WASHINGTON AND BONDED TO DO WORK IN THE PUBLIC RIGHT-OF-WAY.
O. NO WORK ON THIS PROJECT SHALL COMMENCE UNTIL A CITY OF SPOKANE VALLEY RIGHT-OF-WAY PERMIT HAS BEEN ISSUED.
P. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES, PUBLIC OR PRIVATE, AT ALL TIMES DURING CONSTRUCTION.
Q. CONTRACTORS SHALL CONTROL DUST IN ACCORDANCE WITH REGULATIONS OF LOCAL AIR POLLUTION CONTROL AUTHORITY.
R. CONTRACTOR SHALL REMOVE ALL CONSTRUCTION RELATED DEBRIS TO AN APPROVED WASTE DISPOSAL SITE.
S. FIRE HYDRANTS SHALL BE INSTALLED AND FUNCTIONING PRIOR TO THE CONSTRUCTION OF ANY STRUCTURES.
T. CONTRACTOR SHALL MAINTAIN FIRE APPARATUS ACCESS STREETS DURING CONSTRUCTION.
U. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ON-SITE INSPECTOR ONE BUSINESS DAY BEFORE ANY CONSTRUCTION OR PRODUCT PLACEMENT TAKES PLACE THAT REQUIRES TESTING OR OBSERVATION (REFER TO APPENDIX 9A - MINIMUM MATERIAL TESTING FREQUENCIES). THE ON-SITE INSPECTOR WILL DETERMINE THE TIME REQUIRED TO SATISFACTORILY ACHIEVE THE NECESSARY TESTING, OBSERVATION AND DOCUMENTATION. THE ON-SITE INSPECTOR WILL BE REQUIRED TO BE ON SITE 100% OF THE TIME DURING HMA PLACEMENT, DRYWELL PLACEMENT, AND TRENCH WORK.
V. SUPPLEMENTAL NOTES USED WHEN APPLICABLE:
   I. FOR ANY CURB GRADES LESS THAN 1.0% (0.01 FT/FT), A PROFESSIONAL LAND SURVEYOR CURRENTLY LICENSED IN THE STATE OF WASHINGTON SHALL VERIFY THAT THE CURB FORMS ARE AT THE GRADES NOTED ON THE ACCEPTED PLANS PRIOR TO PLACEMENT OF CONCRETE. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND COORDINATING WORK WITH THE SURVEYOR.
   II. THE CONTRACTOR SHALL EMPLOY A PROFESSIONAL LAND SURVEYOR CURRENTLY LICENSED IN THE STATE OF WASHINGTON TO VERIFY THAT THE CROSS-GUTTER FORMS ARE AT THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT.
   III. CONCRETE APRONS ARE REQUIRED AT THE INLET INTO ANY SWALE OR POND. THE FINISH GRADE OF THE SWALE/POND SIDE SLOPE, WHERE THE CONCRETE INLET APRON ENDS, SHALL BE A MINIMUM OF 2 INCHES BELOW THE FINISHED ELEVATION OF THE CONCRETE CURB APRON EXTENSION. THE INTENTION IS TO ALLOW STORMWATER RUNOFF TO ENTER THE SWALE/POND UNOBSTRUCTED, WITHOUT BACKING UP INTO THE STREET AND GUTTER DUE TO SOD OVERGROWTH AT THE INLET.
   IV. UNLINED POND AND BIO-INFILTRATION SWALE BOTTOMS ARE EXPECTED TO INFILTRATE VIA THE POND FLOOR, AND THEREFORE, SHALL NOT BE HEAVILY COMPACTED. EQUIPMENT TRAFFIC SHALL BE MINIMIZED ON THE POND BOTTOMS. THE FACILITY SUB-GRADE SHALL BE A MEDIUM- TO WELL- DRAINING MATERIAL, WITH A MINIMUM THICKNESS OF 48 INCHES AND A MINIMUM INFILTRATION RATE OF 0.15 IN/HR. THE FACILITY SHALL DRAIN WITHIN 72 HOURS OF A STORM EVENT. IF THE POND ALSO SERVES AS A WATER QUALITY TREATMENT FACILITY, THE TREATMENT ZONE (SOD AND 6 INCHES OF TREATMENT SOIL) SHALL BE A MEDIUM- TO WELL-DRAINING MATERIAL, WITH A MINIMUM INFILTRATION RATE OF 0.25-0.50 IN/HR. SCARIFY THE FINISH GRADE OF THE POND BOTTOM PRIOR TO HYDROSEEDING/SODDING. TESTING THAT VERIFIES SUBGRADE MINIMUM INFILTRATION RATE MAY BE REQUIRED BY THE LOCAL JURISDICTION PRIOR TO CONSTRUCTION CERTIFICATION TO ENSURE ADEQUATE DRAINAGE. INFILTRATIVE TESTING OF THE TREATMENT ZONE IS ONLY REQUIRED IF SOILS OTHER THAN SILTY LOAM OR LOAMY SOILS ARE PROPOSED.
   V. IF DURING FINAL INSPECTION, IT IS FOUND THAT THE CONSTRUCTED POND OR SWALE DOES NOT CONFORM TO THE ACCEPTED DESIGN, THE SYSTEM SHALL BE RECONSTRUCTED SO THAT IT DOES COMPLY. REFER TO APPENDIX 9A OF THE SPOKANE REGIONAL STORMWATER MANUAL FOR EROSION AND SEDIMENT CONTROL STANDARD NOTES.

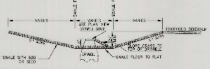
STORMWATER - PROJECT LEGEND

2018 CITY OF SPOKANE VALLEY STREET STANDARDS

(1) RELOCATED EXISTING DOUBLE BARREL DRYWELL AND INSTALLED 30' FROM PREVIOUS LOCATION PER SVSS STD. PLAN NO. S-101
(2) INSTALLED TRIPLE BARREL DRYWELL PER SVSS STD. PLAN NO. S-101
(3) INSTALLED FOUR BARREL DRYWELL PER SVSS STD. PLAN NO. S-101
(4) INSTALLED ROCK RIP RAP CHANNEL AT POND OUTLET ALLOWING STORMWATER TO DRAIN FROM WETLAND POND TO TIMBERLANE POND
(5) INSTALLED ROCK RIP RAP LINED OVERFLOW WEIR, FLOWLINE ELEV=2053.00
(6) CONSTRUCTED DRAINAGE POND PER DETAIL THIS SHEET
(7) EXISTING DRYWELL DECOMMISSIONED SUMMER OF 2018
(8) RELOCATED EXISTING DOUBLE BARREL DRYWELL AND INSTALLED 25' FROM PREVIOUS LOCATION PER SVSS STD. PLAN NO. S-101
(9) INSTALLED DOUBLE BARREL DRYWELL PER SVSS STD. PLAN NO. S-101
(10) EXISTING DOUBLE BARREL DRYWELL TO BE DECOMMISSIONED AS WEATHER PERMITS

TIMBERLANE POND

SPOKANE VALLEY STREET STANDARD PLAN NO. S-130
NOT TO SCALE

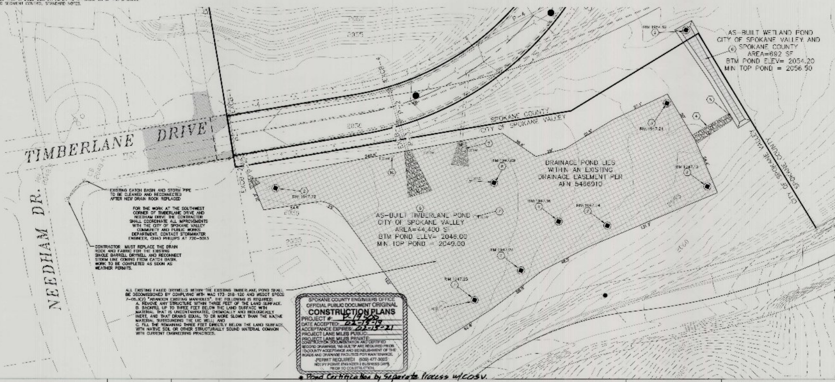


NOTE : SWALE FLOOR ELEVATION ON PLAN IS TOP OF SOD.

NOTE : ALL DRYWELLS SHALL BE INSTALLED WITH FILTER (AMOCO #4546 OR APPROVED EQUAL) BETWEEN THE DRAIN ROCK AND EXCAVATED LATERAL GROUND.

NOTE : TO COLLECT SEDIMENT, A 4'X4' (MIN.) PIECE OF FILTER FABRIC SHALL BE PLACED BETWEEN THE DRYWELL RING AND COVER WHEN THE DRYWELL IS INSTALLED, THEN CHECKED PERIODICALLY AND CLEANED OF SEDIMENT. ONCE GRASS HAS BEEN ESTABLISHED IN THE DRAINAGE SWALE, THE FABRIC SHALL BE REMOVED. SEE DETAIL ON EROSION AND SEDIMENT CONTROL SHEET.

NOTE: FOR SWALES AND PONDS, THE TOP 12" OF SOIL SHALL CONSIST OF A THOROUGHLY BLENDED MIX OF 50% COMPOST WITH 50% NATIVE SOILS



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1950D
DATE ACCEPTED: 02-15-19
ACCEPTANCE EXPIRES: 02-15-21
PROJECT LANE MILES PUBLIC:
PROJECT LANE MILES PRIVATE:
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" 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.

* Pond Certification by Separate Process w/COSV.

TIMBERLANE POND NOTE:
TIMBERLANE POND AND ITS STRUCTURES SHALL BE MAINTAINED BY THE TIMBERLANE TERRACE HOMEOWNERS ASSOCIATION. THE CITY OF SPOKANE VALLEY ACCEPTS NO RESPONSIBILITY FOR MAINTAINING THE DRAINAGE FACILITIES.

City of Spokane Valley
Development Engineering
Reviewer: ______
New Street Miles Public:
☐ Not Reviewed
☐ Reviewed for Conformance to Street Standards and accepted per Chapter 1.2.
Date Accepted: ______
Acceptance Comments:

GRAPHIC SCALE (IN FEET)
0 15 30 60
1" = 30'
CONTOUR INTERVAL: 5 FEET

CALL BEFORE YOU DIG 811

BY	DATE	REVISIONS / AS BUILT

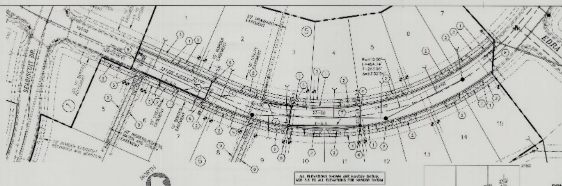
DATUM	SCALE		DATE
TBM NO.	HORIZONTAL 1"=100'	DRAWN ACS	2/13/2019
ELEVATION 2165.43 NAVD29*	VERTICAL	CHECKED	
LOCATION TOP 1/2" REBAR @ DUNKLIN & ONEWAY		APPROVED	
* ADD 3.9 TO ALL ELEVATIONS FOR NAVD 88 DATUM			

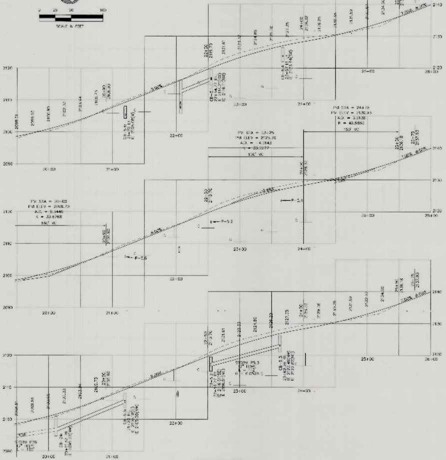
Founded 1946
Simpson Engineers, Inc.
CIVIL ENGINEERS & LAND SURVEYORS
N. 909 ARGONNE ROAD, SPOKANE VALLEY WA., 99212-2789
PHONE (509) 926-1322 FAX (509) 926-1323

TYPE OF IMPROVEMENT: DRAINAGE	
PROJECT NUMBER	SHEET NUMBER
13628	4 OF 5

TIMBERLANE TERRACE - 5TH ADD
SW 1/4 OF SECTION 25, T. 25 N, R. 44 E.W.M.

TIMBERLANE POND EXPANSION

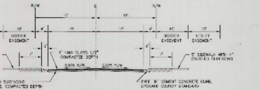




SONORA DR

LEGEND

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



STORMWATER / STREET - PROJECT LEGEND

2010 SPOKANE COUNTY ROAD STANDARDS

1. CONSTRUCT CONCRETE TYPE "B" CURB, SPO. CO. STDS. SHEET A-3
2. INSTALL 24' WIDE DRIVEWAY PER SPOKANE CNTY STD A-4
3. CONSTRUCT 5' WIDE CONCRETE SIDEWALK, SPO. CO. STDS. SHEET A-1
4. STREET MONUMENT TO BE SET BY SIMPSON ENGINEERS
5. INSTALL 10' WIDE DRIVEWAY PER SPOKANE CNTY STD A-4
6. INSTALL CATCH BASIN PER STORM DRAINAGE SYSTEM TABLE
7. INSTALL STORM PIPE PER PIPE SCHEDULE
8. SAWCUT MINIMUM 1' OF EXISTING ASPHALT, MATCH ASPHALT, AND SEAL SAWCUT JOINT.
9. INSTALL "NO PARKING - FIRE LANE" TYPE "B" SIGN PER INTERNATIONAL FIRE CODE-APPENDIX "D"

UTILITY LOCATE NOTE:
ALL UTILITIES SHALL BE LOCATED PRIOR TO CONSTRUCTION.
- CALL 2 BUSINESS DAYS BEFORE YOU DIG
- 811 OR 1-800-424-5555

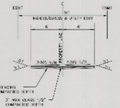
NOTE:
EXACT LOCATIONS, SIZES AND DEPTHS OF UNDERGROUND UTILITIES ARE NOT KNOWN. UNDERGROUND UTILITIES SHOWN ARE TAKEN FROM EXISTING RECORDS AND ARE SHOWN FOR CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE TO TO UTILITIES LOCATED, AND SHALL CONTACT ALL UTILITY OWNERS AND CONFIRM LOCATIONS OF UTILITIES BEFORE DIGGING AND TO COORDINATE AND COOPERATE FULLY WITH EXISTING UTILITY DISTRICTS AND COMPANIES.

DRIVEWAY INFORMATION

LOT/BLOCK	CENTERLINE DRIVEWAY STATION
L1/B5	20+71.55, LT
L2/B5	21+19.80, LT
L3/B5	22+54.33, LT
L4/B5	23+47.25, LT
L5/B5	24+25.65, LT
L6/B5	25+12.86, LT
L7/B5	25+52.80, LT
L5/B6	19+84.57, RT
SHARED	20+11.57, RT
L6/B6	20+55.57, RT
L7/B6	21+18.57, RT
L8/B6	21+54.85, RT
SHARED	22+01.42, RT
L9/B6	22+57.55, RT
L10/B6	22+91.67, RT
L11/B6	23+23.04, RT
L12/B6	23+96.88, RT
L13/B6	24+34.29, RT
L14/B6	25+06.09, RT
L15/B6	25+43.46, RT

PIPE SCHEDULE

PIPE NAME	I.D.	PIPE TYPE	APPROX. LENGTH	APPROX. SLOPE
P-5.1	12"	H.D.P.E./PVC	46'	0.0872
P-5.2	12"	H.D.P.E./PVC	30'	0.0100
P-5.3	12"	H.D.P.E./PVC	112'	0.0525
P-5.4	8"	H.D.P.E./PVC	31'	0.0200
P-5.5	12"	H.D.P.E./PVC	108'	0.0757
P-5.6	8"	H.D.P.E./PVC	31'	0.0200



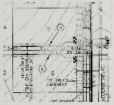
WATERLINE CROSSING STORM PIPE
SONORA DRIVE

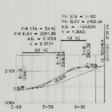
STATION	TOP OF PAVEMENT	STORMPIPE	TOP OF STORMPIPE	BOTTOM OF STORMPIPE	COVER OVER WATER LINE
22+04.77	2120.09	12" (P-2)	2117.30	2116.24	4' MIN
23+66.17	2126.80	8" (P-4)	2124.00	2123.27	4' MIN

STORM DRAINAGE SYSTEM: CATCH BASINS

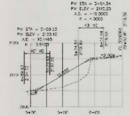
NAME	LOCATION	STRUCTURE & GRATE TYPE SPOKANE COUNTY & DOT STDS.	GRATE ELEV.	SUMP ELEV.	INVERT ELEVATIONS
TT-3 EXCB-24	SONORA 20+11.57 RT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2100.49 2101.04*	2095.40	12" IN FROM NW (P-5.5) = 2097.00** 12" OUT TO NW (P-20) = 2096.90
CB-5.1	SONORA 22+04.77 LT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2119.51	2114.61	12" IN FROM SW (P-5.2) = 2116.21 12" OUT TO NW (P-5.1) = 2116.11
CB-5.2	SONORA 22+04.77 RT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2119.51	2115.01	12" IN FROM SE (P-5.3) = 2116.61 12" OUT TO NE (P-5.2) = 2116.51
CB-5.3	SONORA 23+62.98 RT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2128.25	2120.99	8" IN FROM NE (P-5.4) = 2122.62 12" OUT TO NW (P-5.3) = 2122.49
CB-5.4	SONORA 23+67.15 LT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2126.44	2121.84	8" OUT TO SW (P-5.4) = 2123.44
CB-5.5	SONORA 21+20 RT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2108.50	2103.88	12" OUT TO NW (P-5.5) = 2105.08 8" IN FROM E (P-5.6) = 2105.18
CB-5.6	SONORA 21+20 LT	CATCH BASIN TYPE 1 METAL FRAME TYPE 1 GRATE TYPE 1	2108.50	2104.00	8" OUT TO W (P-5.6) = 2105.80

NOTE: FOR CB TYPE 1, SEE SPOKANE COUNTY STANDARD PLAN B-4
FOR METAL FRAME, TYPE 1 SEE SPOKANE COUNTY STANDARD PLAN B-10
FOR METAL FRAME, TYPE 2 SEE SPOKANE COUNTY STANDARD PLAN B-11
FOR METAL GRATE, TYPE 1 SEE SPOKANE COUNTY STANDARD PLAN B-12
FOR METAL GRATE, TYPE 3 SEE SPOKANE COUNTY STANDARD PLAN B-14
* ADJUST GRATE TO PROPOSED ELEVATION
** PROPOSED INVERT ELEVATION OF NEW 12" STORM LINE





PRIVATE DRIVEWAY FOR LOTS 3 & 4



PRIVATE DRIVEWAY FOR LOTS 1 & 2

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1950D
DATE ACCEPTED: 02-15-19
ACCEPTANCE EXPIRES: 02-15-21
PROJECT LANE MILES PUBLIC: .23
PROJECT LANE MILES PRIVATE: .04
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS "AS-BUILTS" 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	DATUM	SCALE		DATE
			BM NO.	HORIZONTAL 1"=50	DRAWN M. C. PHILLIPS	12/12/2018
			ELEVATION	VERTICAL 1"=10	CHECKED	
			LOCATION		APPROVED	

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

TYPE OF IMPROVEMENT: STREET
PROJECT NUMBER: 13628
SHEET NUMBER: 5 OF 5

TIMBERLANE TERRACE 5TH ADDITION
PLAN-PROFILE: SONORA DRIVE
PRIVATE DRIVEWAYS TO LOTS 1, 2, 3 & 4 BK 6
THE SW 1/4 OF SEC.25, T25N, R44 EWM
SPOKANE COUNTY, WASHINGTON

CALL BEFORE YOU DIG 456-8000