THE CREEK AT CHESTER

SPOKANE COUNTY, WASHINGTON

NE 1/4 OF SEC 4, T24N, R.44 E.W.M.

STANDARD NOTES FOR ROAD AND DRAINAGE PLANS

1. All work and materials shall be in conformance with the local jurisdiction road standards "SPOKANE REGIONAL STORMWATER MANUAL", 2008.
2. Prior to site construction, the Contractor is responsible for locating underground utilities. Call the underground utility location service at 1-800-424-555 before you dig.
3. 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.
4. The contractor is required to have a complete set of the accepted plans and drainage plans on the job site whenever construction is in progress.
5. If the Contractor discovers any discrepancies between the plans and existing conditions encountered, the contractor shall immediately notify the design engineer.
6. The Contractor should 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.)

Supplemental notes used when applicable

7. For any curb grades less than 0.8% (0.008ft/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.
8. The Contractor shall employ a Professional Land Surveyor currently in the State of Washington to verify that the cross-gutter forms are at the correct plane grade prior to concrete placement. the cross-gutters shall be constructed prior to paving, and the pavement shall then match the edge of concrete gutter.
9. For construction of drywells, install filter fabric (Amoco 4545 or approved equivalent) between the washed drainrock and the native soils.
10. Bio-infiltration ponds/swales have a maximum treatment design depth (from pond/swale bottom to elevation of drywell grate or first overflow/outflow mechanism) of 6 inches. Either organic matter content or Cation Exchange Capacity (CEC) testing shall be completed in order to substantiate the treatment soil composition. The tests shall be performed on composite samples taken from the treatment soil layer from the constructed pond bottom. A composite sample consists of well-mixed soil obtained from at least four cores, to a depth of at least 6 inches, randomly disturbed over the pond bottom test area. Stockpile samples from on-site or a material supplier can be tested for informational purposed to determine initial suitability and possible soil amendments, but will not be accepted in-lieu of in-place testing. A minimum of one test shall be performed for each bio-infiltration pond/swale 1,500 square feet or less, with one additional test for each 2,000 square feet of pond/swale bottom, or fraction thereof. "One test" is equal to four core samples taken as described above. Testing results shall be submitted as part of the Construction Certification Submittal required for release of surety posted on project.
10. 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 inter the swale/pond unobstructed, without backing up into the street and gutter due to sod overgrowth at the inlet.
11. Unlined pond and bioinfiltration 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 bolttoms. The facility subgrade shall be a medium- to well-draining material, with a minimum thickness if 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 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.; silty loam or loamy soils are presumed to have an infiltration rate that falls within this range. Scarify the finish grade of the pond bottom prior to hydroseeding/soding. Testing that verifies subgrade minimum infiltration rate is required by the local jurisdiction prior to construction certification to ensure adequate drainage. Infiltration testing of the treatment zone s only required if soils other than silty loam or loamy soils are proposed.
12. 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.

VICINITY MAP

PAGE SUMMARY

Sheet CVR-1: Cover Sheet

NOT INCLUDED IN RECORD DRAWINGS → Sheet TESC-1: Temporary Erosion and Sediment Control Plan

Sheet SD-1: Drainage Plan

Sheet SD-2 Drainage Plan - Ponds

Sheet ST-1: Street Cover Sheet

Sheet ST-2: COYOTE CREEK LANE ~~Potlatch Lane~~ - 1+00 to 2+39; ~~Kooskia Lane~~ LAPWAI LANE - 1+00 to 4+04.13

Sheet ST-3: Coyote Creek Lane - 0+33.5 to 13+43.36

Sheet ST-4: Lapwai Lane - 1+00 to 16+06.60

Sheet ST-5: Madison Road

Sheet ST-6: Curb Returns, Cul-de-sac, Islands and Parking Areas

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1997
DATE ACCEPTED: 7/30/14

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

Aaron C. Simpson 7/25/14
ENGINEER DATE

RECORD DRAWING *REVISED 8/23/2013*

BY	DATE	REVISIONS / AS BUILT
MJK	10-13-2008	PROFILE CHANGES, ADDED RETAINING WALLS, ADDED FENCING, MADISON CURB DESIGN MODIFIED.
MJK	2-12-2009	ROAD NAMES ADDED.
MJK	1-25-2010	OUTER BOUNDARY LINES ADJUSTED TO BE OUTSIDE 100 YR. FLOORPLAIN.
ACS	8-8-2013	ON-SITE DRAINAGE REVISED TO BE CONVEYED THROUGH PIPE NETWORK
ACS	8-23-2013	POND B REVISED TO MINIMIZE ENCROACHMENT INTO FLOODPLAIN, REVISED GRADES @ POTLACH/COYOTE CR
ACS	8-23-2013	POND B REVISED TO MINIMIZE ENCROACHMENT INTO FLOODPLAIN, REVISED GRADES @ POTLACH/COYOTE CR
ACS	7-25-2014	RECORD DRAWING

		SCALE			DATE
TBM NO.		HORIZONTAL		DRAWN MJK	8/23/13
ELEVATION	2010.24 NAVD 88	VERTICAL		CHECKED ACS	7/25/14
LOCATION	Railroad spike in power pole at the intersection of Thorpe and Madison			APPROVED	

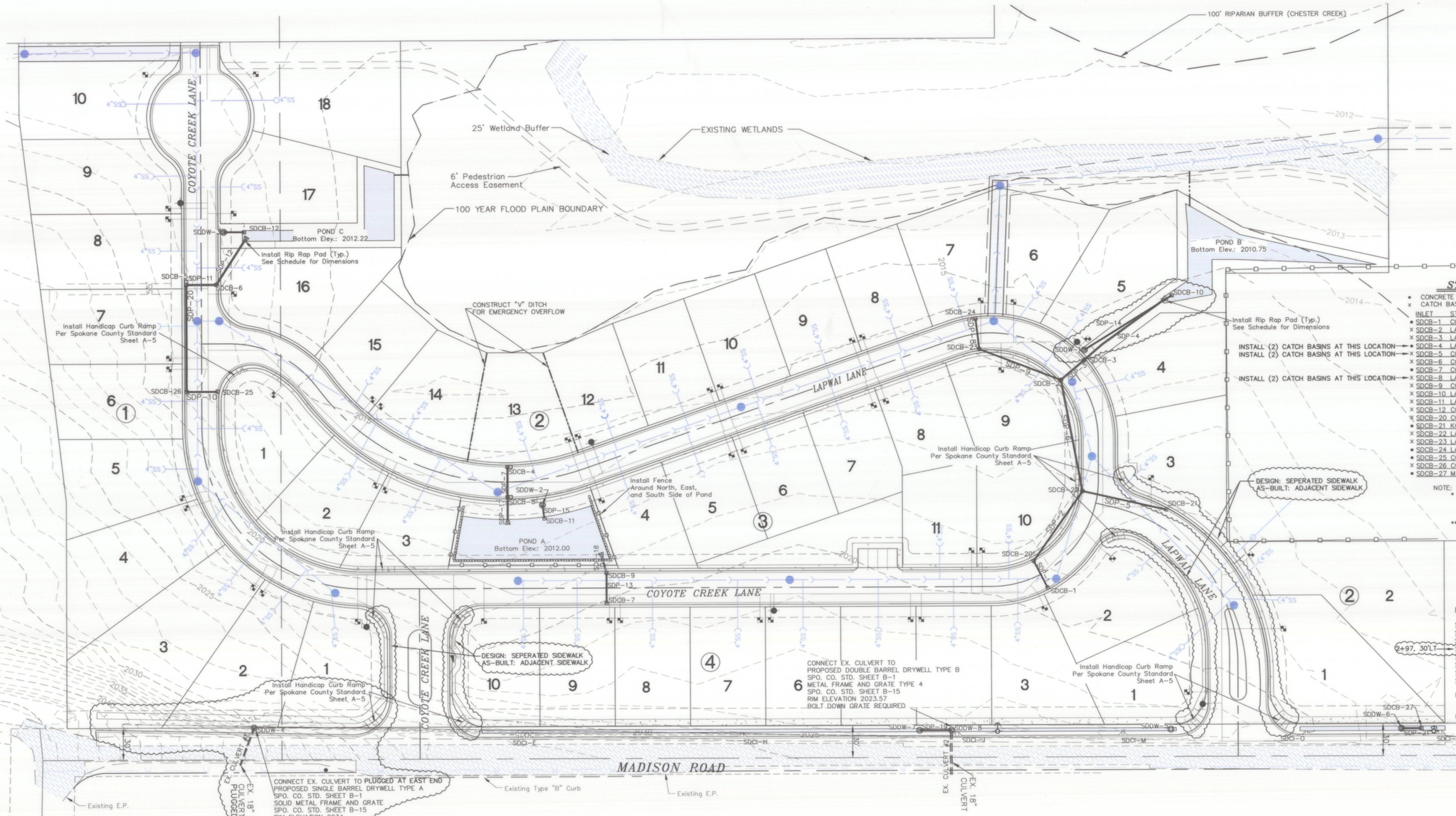
AARON C. SIMPSON, STATE OF WASHINGTON, 43460, REGISTERED PROFESSIONAL ENGINEER, 7/25/14

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: COVER	
PROJECT NUMBER	SHEET NUMBER
14670	CVR-1

THE CREEK AT CHESTER
COVER SHEET
A PLAT IN A PORTION OF THE NE 1/4 OF SECTION 4, T.24 N., R.44 E.W.M.
SPOKANE COUNTY, WASHINGTON

\\SIMPSON-NT\Projects\Projects\14501-15000\14670-FRDST\dwg\14670-RECORD DRAWING.dwg 7/25/2014 2:29:26 PM PDT



CURB INLET SCHEDULE

CURB INLET TYPE 1, SPOKANE COUNTY STANDARD SHEET B-8

INLET	STATION	STREET	WIDTH
SDCI-F	5+50.00 (L)	MADISON	3'
SDCI-H	7+50.00 (L)	MADISON	3'
SDCI-J	9+50.00 (L)	MADISON	2'
SDCI-K	13+99.11 (L)	MADISON	3'
SDCI-M	11+04.37 (L)	MADISON	2'
SDCI-O	12+74.77 (L)	MADISON	2'

NOTE – NO ADDITIONAL DEPRESSION IS REQUIRED FOR CURB ALONG MADISON ROAD

STORM INLET SCHEDULE

• CONCRETE INLET TYPE 1, SPOKANE COUNTY STANDARD SHEET B-5
x CATCH BASIN TYPE 1, SPOKANE COUNTY STANDARD SHEET B-4

	INLET	STATION	IE (IN)	IE (IN)	IE (OUT)	RIM ELEV.
•	SDCB-1	COYOTE CREEK-12+57 (R)	N/A	N/A	2015.21	2018.21*
x	SDCB-2	LAPWAI-9+83.55 (R)	2012.26(E)	2012.18(W)	2011.98	~~2015.38**~~ 2015.47
x	SDCB-3	LAPWAI-9+83.55 (L)	2011.84	N/A	2011.64	~~2015.38**~~ 2015.48
•	SDCB-4	LAPWAI-4+25.68 (L)	N/A	N/A	2012.74	2015.74**
x	SDCB-5	COYOTE CREEK-2+56.19 (R)	2013.80	N/A	2013.60	2016.81**
x	SDCB-6	COYOTE CREEK-2+56.19 (L)	2013.46	N/A	2013.26	2016.81**
•	SDCB-7	COYOTE CREEK-8+51.52 (R)	N/A	N/A	2015.35	2018.35**
x	SDCB-8	LAPWAI-4+25.68 (R)	2012.60	N/A	2012.40	2015.74**
•	SDCB-9	COYOTE CREEK-8+51.52 (L)	2015.07	N/A	2014.87	2018.35**
x	SDCB-10	LAPWAI-~~6+83.63~~ (L) 9+87.06	N/A	N/A	~~2009.96~~ ~~2009.25~~ 2011.36	~~2011.25**~~
x	SDCB-11	LAPWAI-~~4+55.01 (R)~~	N/A	N/A	2010.50	2012.50**
x	SDCB-12	COYOTE CREEK-2+14.22 (L)	N/A	N/A	2010.72	2012.72**
x	SDCB-20	COYOTE CREEK-12+57 (L)	2015.13	N/A	2014.93	2018.21*
•	SDCB-21	KOOSKA-3+42.57 (R)	N/A	N/A	2013.39	2016.39**
x	SDCB-22	LAPWAI-11+03.89 (R)	2013.34(SE)	2012.99(N)	2012.79	2017.32*
x	SDCB-23	LAPWAI-8+85.00(L)	2012.95	N/A	2012.75	2016.23**
•	SDCB-24	LAPWAI-8+85.00(R)	N/A	N/A	2013.23	2016.23**
•	SDCB-25	COYOTE CREEK-3+56 (L)	N/A	N/A	2014.84	2017.84*
x	SDCB-26	COYOTE CREEK-3+56 (R)	2014.70	N/A	2014.50	2017.84*
•	SDCB-27	MADISON-13+81.6 (L)	N/A	N/A	2015.75	2018.10**

NOTE:
* METAL FRAME TYPE 1, SPOKANE COUNTY STANDARD, SHEET B-10 AND GRATE TYPE 1, SPOKANE COUNTY STANDARD, SHEET B-12
** METAL FRAME TYPE 1, SPOKANE COUNTY STANDARD, SHEET B-10 AND GRATE TYPE 3, SPOKANE COUNTY STANDARD, SHEET B-14

DRYWELL SCHEDULE

SEE SHEET SD-2 FOR DETAILS AND SPOKANE COUNTY STANDARDS

DRYWELL	STATION	IE (IN)	RIM ELEV.	BARRELS
SDDW-1	LAPWAI-9+77.79 (21.0'L)	2008.98	2015.75**	FOUR
SDDW-2	LAPWAI-4+55.01 (25.0'R)	2010.39	~~2015.62*~~ 2016.06	FIVE
SDDW-3	COYOTE CREEK-2+14.22 (21.0'L)	2010.63	~~2016.51**~~ 2017.60	FIVE
SDDW-4	MADISON-11+61.19 (25'L)	2030.98**	FIELD VERIFY	SINGLE
SDDW-5	MADISON-11+48.77 (25'L)	N/A	2021.43*	SINGLE
SDDW-6	MADISON-13+63.00 (25'L)	2012.80	2018.30*	TRIPLE
SDDW-7	MADISON-9+15.00 (25'L)	2020.91	2023.87**	DOUBLE
SDDW-8	MADISON-9+45.00 (25'L)	2020.91	2023.43**	DOUBLE

NOTE: CONCRETE COLLAR REQUIRED ON ROADSIDE OF DRYWELL PER SPOKANE COUNTY STANDARD SHEET B-1

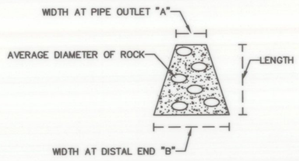
NOTE:
* METAL FRAME AND GRATE TYPE 4, SPOKANE COUNTY STANDARD, SHEET B-15
** METAL FARME AND SOLID COVER TYPE 4, SPOKANE COUNTY STANDARD, SHEET B-15

STORM PIPE SCHEDULE

PIPE	LENGTH	STRUCTURE (UPSTREAM)	STRUCTURE (DOWNSTREAM)	GRADE	DIAMETER	CASING(PER SCWD#3)
SDP-1	28'	SDCB-1	SDCB-20	1.0%	8" PVC	20LF OF 12"
SDP-2	79.3'	SDCB-20	SDCB-22	2.0%	10" PVC	N/A
SDP-3	28'	SDCB-2	SDCB-3	0.5%	15" PVC	20LF OF 21"
SDP-4	~~27.92'~~	SDCB-3	POND B	0.5%	15" PVC	N/A
SDP-5	79.6'	SDCB-21	SDCB-22	0.5%	10" PVC	20LF OF 15"
SDP-6	105.5'	SDCB-22	SDCB-2	0.5%	12" PVC	N/A
SDP-7	28'	SDCB-4	SDCB-8	0.5%	8" PVC	20LF OF 18"
SDP-8	28'	SDCB-24	SDCB-23	1.0%	8" PVC	20LF OF 12"
SDP-9	81.1'	SDCB-23	SDCB-2	0.7%	10" PVC	N/A
SDP-10	28'	SDCB-25	SDCB-26	0.5%	8" PVC	20LF OF 15"
SDP-11	28'	SDCB-5	SDCB-6	0.5%	12" PVC	20LF OF 18"
SDP-12	48.2'	SDCB-6	POND C	2.16%	12" PVC	N/A
SDP-13	28'	SDCB-7	SDCB-9	1.0%	8" PVC	20LF OF 12"
SDP-14	~~27.96'~~	SDCB-10	SDDW-1	1.02% ~~1.0%~~	8" PVC	N/A
SDP-15	13'	SDCB-11	SDDW-2	0.5%	8" PVC	N/A
SDP-16	19'	SDCB-12	SDDW-3	0.5%	8" PVC	N/A
SDP-17	21'	SDCB-8	POND A	1.9%	10" PVC	N/A
SDP-18	15'	SDCB-9	POND A	19.1%	10" PVC	N/A
SDP-19	30'	SDDW-8	SDDW-7	0.0%	8" PVC	N/A
SDP-20	100'	SDCB-26	SDCB-5	0.7%	10" PVC	N/A
SDP-21	18.6'	SDCB-27	SDDW-6	15.8%	10" PVC	N/A

NOTES:
HDPE CAN BE USED IN PLACE OF PVC

RIP RAP PAD SCHEDULE



SDP OUTLET	CLASS	AVE. DIA.	PAD LENGTH	WIDTH "A"	WIDTH "B"	THICKNESS
SDP-4	50	6.3"	7.5'	3.75'	6.7'	12.0"
SDP-12	50	6.3"	10.5'	3.0'	7.2'	12.0"
SDP-17	50	6.3"	6.8'	2.5'	5.2'	12.0"
SDP-18	50	6.3"	13.0'	2.5'	7.7'	12.0"

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

ENGINEER — DATE 7/25/14

0 25 50 100
SCALE: 1" = 50 FEET
CONTOUR INTERVAL= 1 FOOT

RECORD DRAWING
REVISED 8/23/2013

BY	DATE	REVISIONS / AS BUILT
MJK	10-13-2008	PROFILE CHANGES, ADDED RETAINING WALLS, ADDED FENCING, MADISON CURB DESIGN MODIFIED.
MJK	2-12-2009	ROAD NAMES ADDED.
MJK	1-25-2010	OUTER BOUNDARY LINES ADJUSTED TO BE OUTSIDE 100 YR. FLOORPLAIN.
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MJK	7-25-2014	RECORD DRAWING

DATUM		SCALE			DATE
TBM NO.		HORIZONTAL	1"=50'	DRAWN ACS/MJK	12/2/2013
ELEVATION	2014.12 NAVD 88	VERTICAL		CHECKED ACS	7/25/14
LOCATION	Railroad spike in power pole at the intersection of Thorpe and Madison			APPROVED	

AARON C. SIMPSON — STATE OF WASHINGTON — 43460 — REGISTERED PROFESSIONAL ENGINEER — 7/25/14

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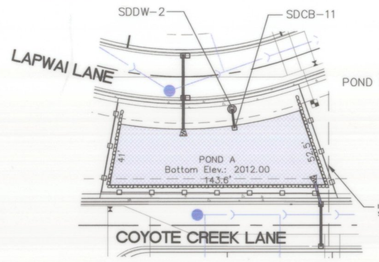
PHONE (509) 926-1322 FAX (509) 926-1323

TYPE OF IMPROVEMENT: DRAINAGE	
PROJECT NUMBER	SHEET NUMBER
14670	SD-1

CREEK AT CHESTER

DRAINAGE PLAN
NE 1/4 SEC. 4, T.24 N., R.44 E.W.M.
SPOKANE COUNTY, WASHINGTON
CALL BEFORE YOU DIG 456-8000

\\SIMPSON-NT\Projects\Projects\14501-15000\14670-FRDST\dwg\14670-RECORD DRAWING.dwg 7/25/2014 2:29:26 PM PDT

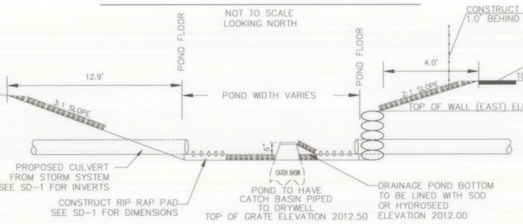


POND A

AREA = 5,360 FT²
POND BOTTOM ELEVATION = 2012.00

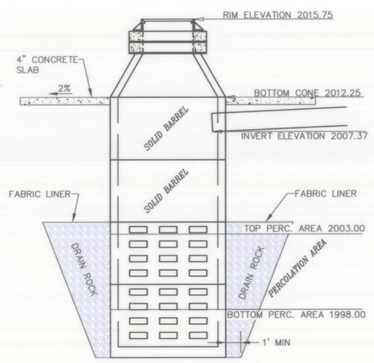
DRAINAGE POND A : DETAIL SECTION

NOT TO SCALE
LOOKING NORTH



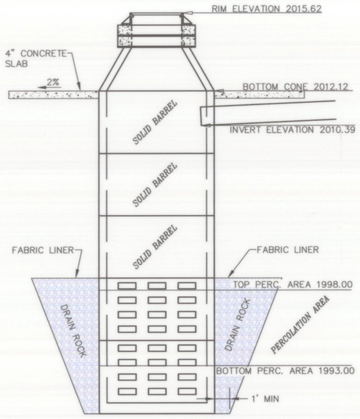
SDDW-1

NOT TO SCALE



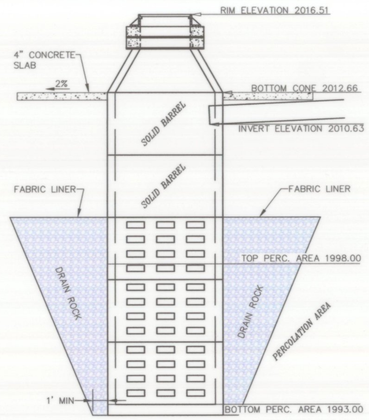
SDDW-2

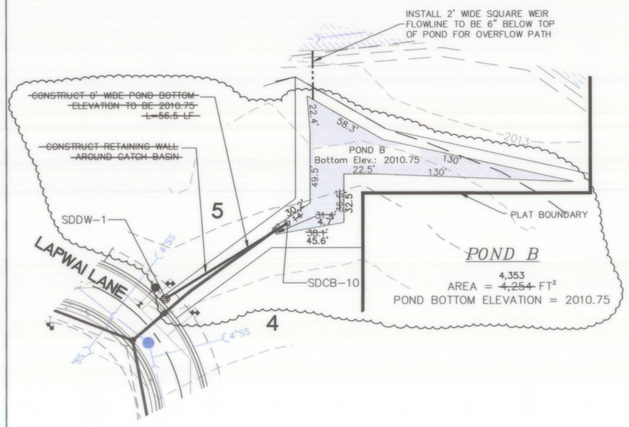
NOT TO SCALE



SDDW-3

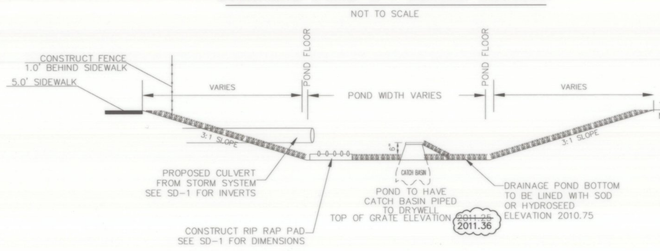
NOT TO SCALE





DRAINAGE POND B : DETAIL SECTION

NOT TO SCALE



DRYWELL SCHEDULE

SEE SHEET SD-2 FOR DETAILS AND SPOKANE COUNTY STANDARDS

DRYWELL	STATION	IE (IN)	RIM ELEV.	BARRELS
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SDDW-3	COYOTE CREEK-2+14.22 (21.0'L)	2010.63	~~2016.51**~~ 2017.60	FIVE
SDDW-4	MADISON-3+81.19 (25'L)	2030.98**	FIELD VERIFY	SINGLE
SDDW-5	MADISON-11+48.77 (25'L)	N/A	2021.43*	SINGLE
SDDW-6	MADISON-13+63.00 (25'L)	2012.80	2018.30*	TRIPLE
SDDW-7	MADISON-9+15.00 (25'L)	2020.91	2023.87**	DOUBLE
SDDW-8	MADISON-9+45.00 (25'L)	2020.91	2023.43**	DOUBLE

2+97, 30'LT

NOTE: CONCRETE COLLAR REQUIRED ON ROADSIDE OF DRYWELL PER SPOKANE COUNTY STANDARD SHEET B-1

NOTE:
* METAL FRAME AND GRATE TYPE 4, SPOKANE COUNTY STANDARD, SHEET B-15
** METAL FARME AND SOLID COVER TYPE 4, SPOKANE COUNTY STANDARD, SHEET B-15

STORM INLET SCHEDULE

• CONCRETE INLET TYPE 1, SPOKANE COUNTY STANDARD SHEET B-5
x CATCH BASIN TYPE 1, SPOKANE COUNTY STANDARD SHEET B-4

	INLET	STATION	IE (IN)	IE (IN)	IE (OUT)	RIM ELEV.
•	SDCB-1	COYOTE CREEK-12+57 (R)	N/A	N/A	2015.21	2018.21*
x	SDCB-2	LAPWAI-9+83.55 (R)	2012.26(E)	2012.18(W)	2011.98	~~2015.30*~~ 2015.47
x	SDCB-3	LAPWAI-9+83.55 (L)	2011.84	N/A	2011.64	~~2015.30*~~ 2015.48
•	SDCB-4	LAPWAI-4+25.68 (L)	N/A	N/A	2012.74	2015.74**
x	SDCB-5	COYOTE CREEK-2+56.19 (R)	2013.80	N/A	2013.60	2016.81**
x	SDCB-6	COYOTE CREEK-2+56.19 (L)	2013.46	N/A	2013.26	2016.81**
•	SDCB-7	COYOTE CREEK-8+51.52 (R)	N/A	N/A	2015.35	2018.35**
•	SDCB-8	LAPWAI-4+25.68 (R)	2012.60	N/A	2012.40	2015.74**
x	SDCB-9	COYOTE CREEK-8+51.52 (L)	2015.07	N/A	2014.87	2018.35**
x	SDCB-10	LAPWAI-~~0+83.63~~ (L) 9+87.06	N/A	N/A 2009.96	~~2009.25~~ 2011.36	~~2011.28*~~
x	SDCB-11	LAPWAI-4+55.01 (R)	N/A	N/A	2010.50	2012.50**
x	SDCB-12	COYOTE CREEK-2+14.22 (L)	N/A	N/A	2010.72	2012.72**
x	SDCB-20	COYOTE CREEK-12+57 (L)	2015.13	N/A	2014.93	2018.21*
•	SDCB-21	KOOSKA-3+42.57 (R)	N/A	N/A	2013.39	2016.39**
x	SDCB-22	LAPWAI-11+03.89 (R)	2013.34(SE)	2012.99(N)	2012.79	2017.32*
x	SDCB-23	LAPWAI-8+85.00(L)	2012.95	N/A	2012.75	2016.23**
•	SDCB-24	LAPWAI-8+85.00(R)	N/A	N/A	2013.23	2016.23**
•	SDCB-25	COYOTE CREEK-3+56 (L)	N/A	N/A	2014.84	2017.84*
•	SDCB-26	COYOTE CREEK-3+56 (R)	2014.70	N/A	2014.50	2017.84*
•	SDCB-27	MADISON-13+81.6 (L)	N/A	N/A	2015.75	2018.10**

INSTALL (2) CATCH BASINS AT THIS LOCATION
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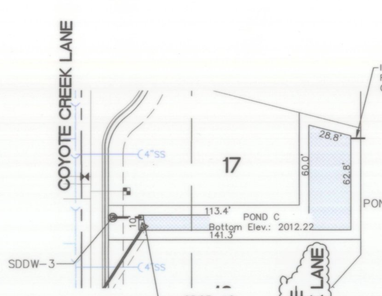
NOTE:
* METAL FRAME TYPE 1, SPOKANE COUNTY STANDARD, SHEET B-10 AND GRATE TYPE 1, SPOKANE COUNTY STANDARD, SHEET B-12
** METAL FRAME TYPE 1, SPOKANE COUNTY STANDARD, SHEET B-10 AND GRATE TYPE 3, SPOKANE COUNTY STANDARD, SHEET B-14

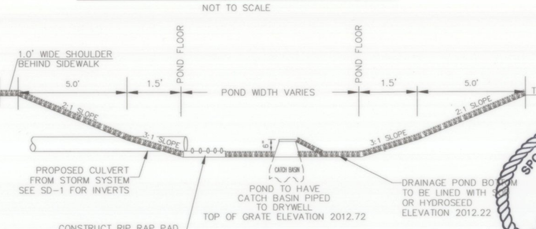
DRAINAGE POND C : DETAIL SECTION

NOT TO SCALE



POND C

AREA = 2,985 FT²
POND BOTTOM ELEVATION = 2012.22



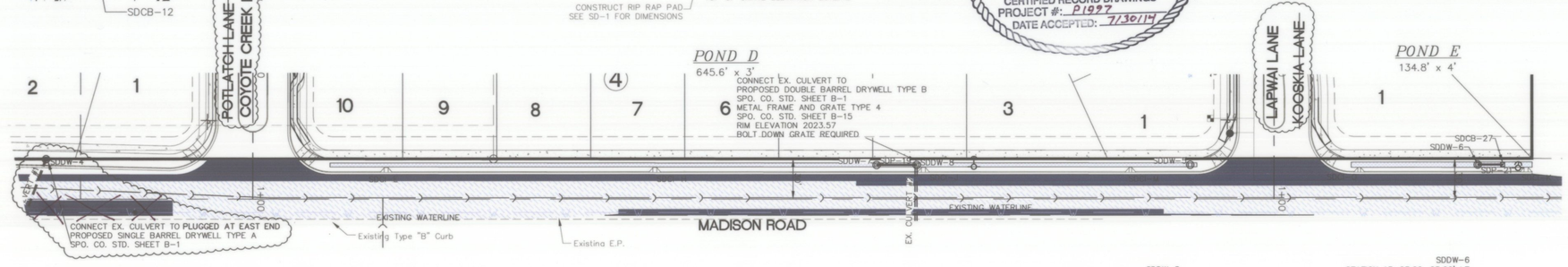
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1997
DATE ACCEPTED: 7/30/14

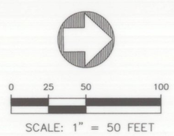
STORM PIPE SCHEDULE

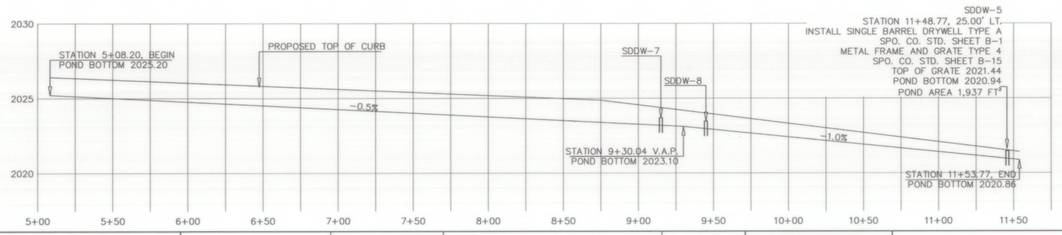
PIPE	LENGTH	STRUCTURE (UPSTREAM)	STRUCTURE (DOWNSTREAM)	GRADE	DIAMETER	CASING(PER SCWD#3)
SDP-1	28'	SDCB-1	SDCB-20	1.0%	8" PVC	20LF OF 12"
SDP-2	79.3'	SDCB-20	SDCB-22	2.0%	10" PVC	N/A
SDP-3	28'	SDCB-2	SDCB-3	0.5%	15" PVC	20LF OF 21"
SDP-4	~~23'~~ 92'	SDCB-3	POND B	0.5%	15" PVC	N/A
SDP-5	79.0'	SDCB-21	SDCB-22	0.5%	10" PVC	20LF OF 15"
SDP-6	105.5'	SDCB-22	SDCB-2	0.5%	12" PVC	N/A
SDP-7	28'	SDCB-4	SDCB-8	0.5%	8" PVC	20LF OF 18"
SDP-8	28'	SDCB-24	SDCB-23	1.0%	8" PVC	20LF OF 12"
SDP-9	81.1'	SDCB-23	SDCB-2	0.7%	10" PVC	N/A
SDP-10	28'	SDCB-25	SDCB-26	0.5%	8" PVC	20LF OF 15"
SDP-11	28'	SDCB-5	SDCB-6	0.5%	12" PVC	20LF OF 18"
SDP-12	48.2'	SDCB-6	POND C	2.16%	12" PVC	N/A
SDP-13	28'	SDCB-7	SDCB-9	~~1.0%~~	8" PVC	20LF OF 12"
SDP-14	~~27'~~ 96'	SDCB-10	SDDW-1	~~1.0%~~ 1.02%	8" PVC	N/A
SDP-15	15'	SDCB-11	SDDW-2	0.5%	8" PVC	N/A
SDP-16	19'	SDCB-12	SDDW-3	0.5%	8" PVC	N/A
SDP-17	21'	SDCB-8	POND A	1.9%	10" PVC	N/A
SDP-18	15'	SDCB-9	POND A	19.1%	10" PVC	N/A
SDP-19	30'	SDDW-8	SDDW-7	0.0%	8" PVC	N/A
SDP-20	100'	SDCB-26	SDCB-5	0.7%	10" PVC	N/A
SDP-21	18.6'	SDCB-27	SDDW-6	15.8%	10" PVC	N/A

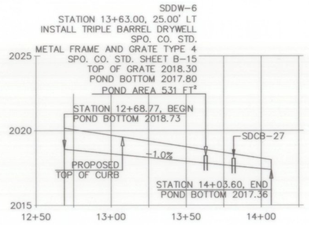
NOTES:
HDPE CAN BE USED IN PLACE OF PVC

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 "Call Before You Dig 456-8000", 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.









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

ENGINEER — DATE 7/25/14

RECORD DRAWING
REVISED 8/27/2013

BY	DATE	REVISIONS / AS BUILT
MJK	10-13-2008	PROFILE CHANGES, ADDED RETAINING WALLS, ADDED FENCING, MADISON CURB DESIGN MODIFIED.
MJK	2-12-2009	ROAD NAMES ADDED.
MJK	1-25-2010	OUTER BOUNDARY LINES ADJUSTED TO BE OUTSIDE 100 YR. FLOORPLAIN.
ACS	8-8-2013	ON-SITE DRAINAGE REVISED TO BE CONVEYED THROUGH PIPE NETWORK
ACS	8-23-2013	POND B REVISED TO MINIMIZE ENCROACHMENT INTO FLOODPLAIN, REVISED GRADES @ POTLACH/COYOTE CR.
ACS	8-27-2013	POND B REVISED TO MINIMIZE ENCROACHMENT INTO FLOODPLAIN, ADDED FINISH GROUND CONTOURS
MJK	7-25-2014	RECORD DRAWING

DATUM		SCALE			DATE
TBM NO.		HORIZONTAL	1"=50'	DRAWN MJK	12/2/13
ELEVATION	2014.12 NAVD 88	VERTICAL	1"=5'	CHECKED ACS	7/25/14
LOCATION	Railroad spike in power pole at the intersection of Thorpe and Madison			APPROVED	

STATE OF WASHINGTON — ALBERT C. SIMPSON — 434460 — REGISTERED PROFESSIONAL ENGINEER — 7/25/14

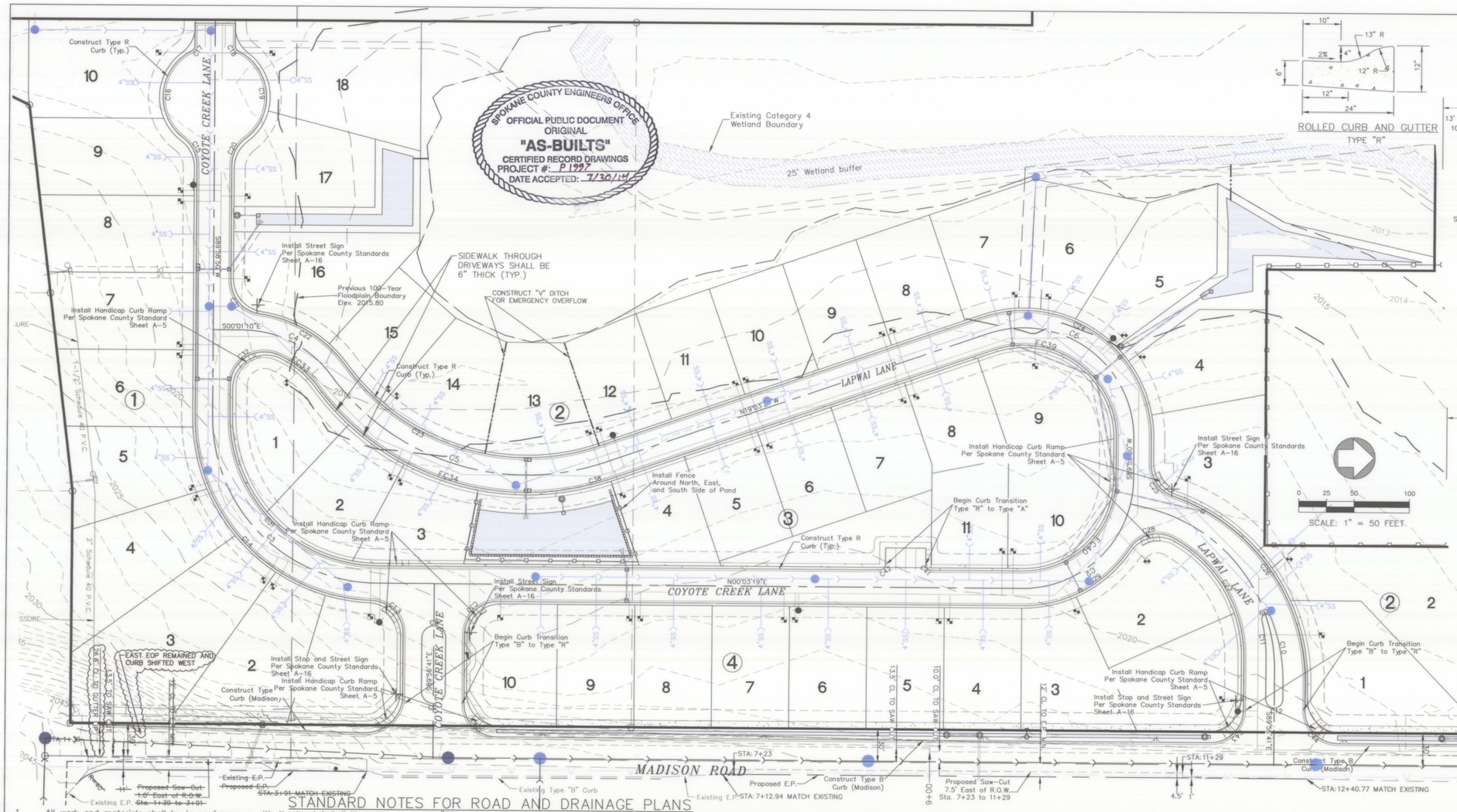
Founded 1946
Simpson Engineers, Inc.
CIVIL ENGINEERS & LAND SURVEYORS
N. 909 ARGONNE ROAD, SPOKANE VALLEY, WA., 99212-2789
PHONE (509) 926-1322 FAX (509) 926-1323

TYPE OF IMPROVEMENT: DRAINAGE	
PROJECT NUMBER	SHEET NUMBER
14670	SD-2

CREEK AT CHESTER

DRAINAGE PLAN – PONDS
NE 1/4 SEC. 4, T.24 N., R.44 E.W.M.
SPOKANE COUNTY, WASHINGTON
CALL BEFORE YOU DIG 456-8000

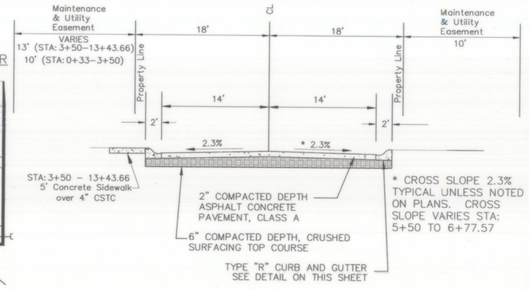
\\SIMPSON-NT\Projects\Projects\14501-15000\14670-FRDST\dwg\14670-RECORD DRAWING.dwg 7/25/2014 2:29:26 PM PDT



ROLLED CURB AND GUTTER
TYPE "R"

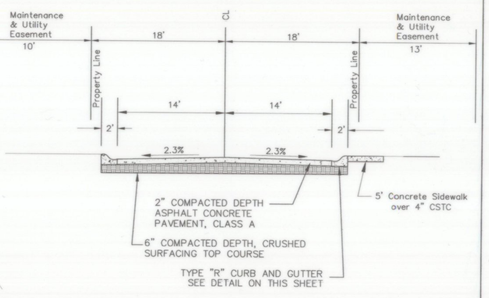
COYOTE CREEK LANE

NOT TO SCALE



LAPWAI LANE

NOT TO SCALE



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STANDARD NOTES FOR ROAD AND DRAINAGE PLANS

1. All work and materials shall be in conformance with the local jurisdiction road standards "SPOKANE REGIONAL STORMWATER MANUAL", 2008.
2. Prior to site construction, the Contractor is responsible for locating underground utilities. Call the underground utility location service at 1–800–424–555 before you dig.
3. 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.
4. The contractor is required to have a complete set of the accepted plans and drainage plans on the job site whenever construction is in progress.
5. If the Contractor discovers any discrepancies between the plans and existing conditions encountered, the contractor shall immediately notify the design engineer.
6. The Contractor should 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.)

Supplemental notes used when applicable

7. For any curb grades less than 0.8% (0.008ft/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.
8. The Contractor shall employ a Professional Land Surveyor currently in the State of Washington to verify that the cross–gutter forms are at the correct plane grade prior to concrete placement. the cross–gutters shall be constructed prior to paving, and the pavement shall then match the edge of concrete gutter.
9. For construction of drywells, install filter fabric (Amoco 4545 or approved equivalent) between the washed drainrock and the native soils.
10. Bio–infiltration ponds/swales have a maximum treatment design depth (from pond/swale bottom to elevation of drywell grate or first overflow/outflow mechanism) of 6 inches. Either organic matter content or Cation Exchange Capacity (CEC) testing shall be completed in order to substantiate the treatment soil composition. The tests shall be performed on composite samples taken from the treatment soil layer from the constructed pond bottom. A composite sample consists of well–mixed soil obtained from at least four cores, to a depth of at least 6 inches, randomly disturbed over the pond bottom test area. Stockpile samples from on–site or a material supplier can be tested for informational purposed to determine initial suitability and possible soil amendments, but will not be accepted in–lieu of in–place testing. A minimum of one test shall be performed for each bio–infiltration pond/swale 1,500 square feet or less, with one additional test for each 2,000 square feet of pond/swale bottom, or fraction thereof. "One test" is equal to four core samples taken as described above. Testing results shall be submitted as part of the Construction Certification Submittal required for release of surety posted on project.
10. 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 inter the swale/pond unobstructed, without backing up into the street and gutter due to sod overgrowth at the inlet.
11. Unlined pond and bioinfiltration 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 bolttoms. The facility subgrade shall be a medium– to well–draining material, with a minimum thickness if 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 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.; silty loam or loamy soils are presumed to have an infiltration rate that falls within this range. Scarify the finish grade of the pond bottom prior to hydroseeding/soding. Testing that verifies subgrade minimum infiltration rate is required by the local jurisdiction prior to construction certification to ensure adequate drainage. Infiltration testing of the treatment zone s only required if soils other than silty loam or loamy soils are proposed.
12. 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.

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

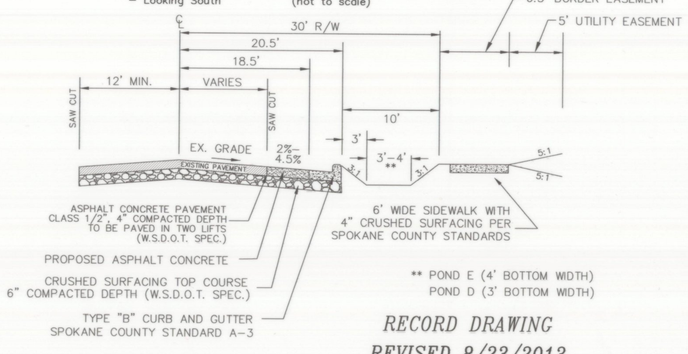
ENGINEER — DATE: 7/25/14

SHEET INDEX

ST–1	STREET COVER SHEET
ST–2	COYOTE CREEK LANE, ~~POTLATCH LANE~~, ~~KOOSKIA LANE~~, LAPWAI LANE — 1+00 TO 2+39, 1+00 TO 4+04.13
ST–3	COYOTE CREEK LANE – 0+33.5 TO 13+43.36
ST–4	LAPWAI LANE – 1+00 TO 11+13.49
ST–5	MADISON ROAD – 1+22.69 TO 16+06.60
ST–6	CURB RETURNS, CUL–DE–SACS AND ISLANDS

TYPICAL MADISON ROAD SECTION

– Looking South (not to scale)



** POND E (4' BOTTOM WIDTH)
POND D (3' BOTTOM WIDTH)

RECORD DRAWING
REVISED 8/23/2013

BY	DATE	REVISIONS / AS BUILT
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MJK	7–25–2014	RECORD DRAWING

DATUM		SCALE			DATE
TBM NO.		HORIZONTAL	1"=50'	DRAWN ACS/MJK	12/2/2013
ELEVATION	2014.12 NAVD 88	VERTICAL	1"=5'	CHECKED ACS	7/25/14
LOCATION	Railroad spike in power pole at the intersection of Thorpe and Madison			APPROVED	

ANGIE C. SIMPSON — STATE OF WASHINGTON — 43460 — REGISTERED PROFESSIONAL ENGINEER — 7/25/14

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	SHEET NUMBER
14670	ST–1

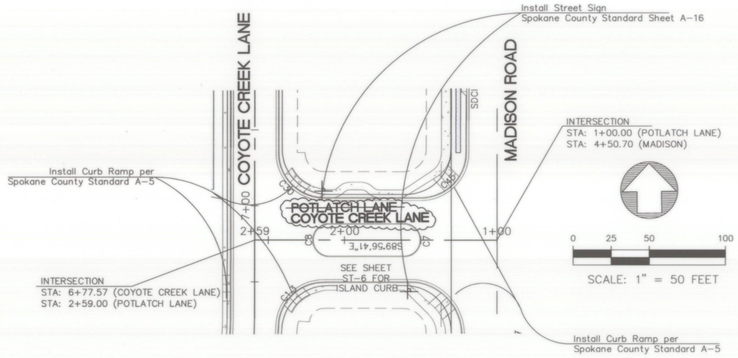
THE CREEK AT CHESTER

COVER SHEET – STREET
A PLAT IN A PORTION OF THE
NE 1/4 OF SECTION 4, T.24 N., R.44 E.W.M.
SPOKANE COUNTY, WASHINGTON

\\SIMPSON-NT\Projects\Projects\14501-15000\14670-FRDST\dwg\14670-RECORD DRAWING.dwg 7/25/2014 2:29:26 PM PDT

COYOTE CREEK LANE ~~POTLATCH LANE~~

Centerline Station 1+00 to 2+59



SPOKANE COUNTY ENGINEERS OFFICE
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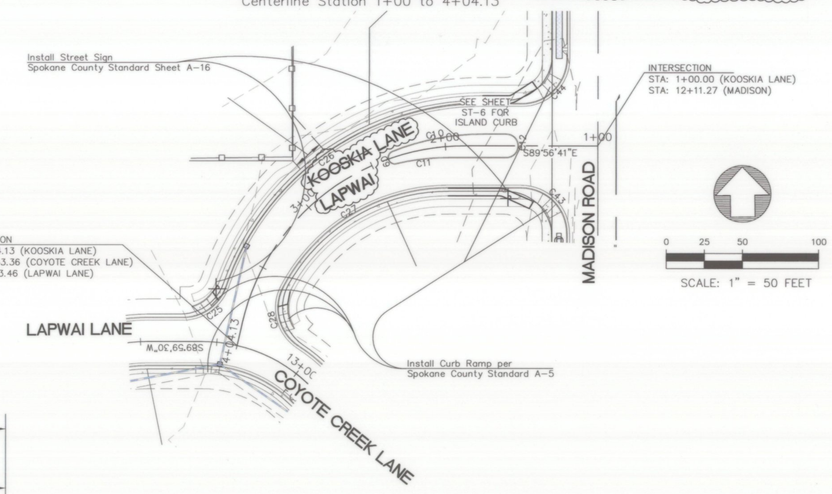
CERTIFIED RECORD DRAWINGS
PROJECT #: P1997
DATE ACCEPTED: 7/30/14

~~KOOSKIA LANE~~ LAPWAI LANE

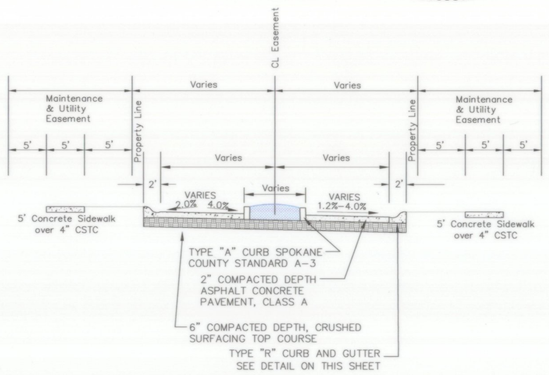
Centerline Station 1+00 to 4+04.13

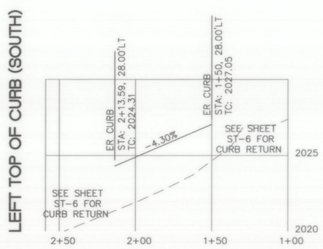


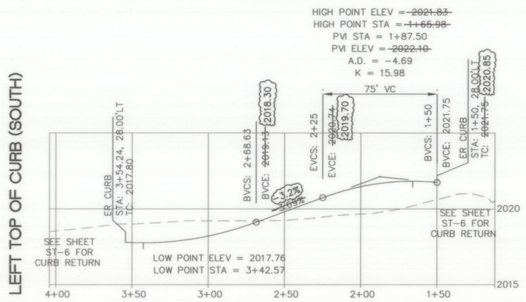
ROAD SECTION A

~~POTLATCH LANE & KOOSKIA LANE~~ COYOTE CREEK LANE & LAPWAI LANE

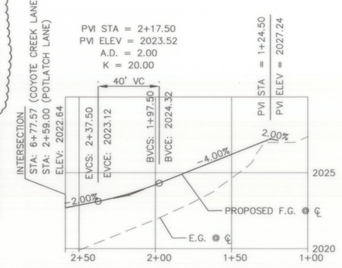
NOT TO SCALE





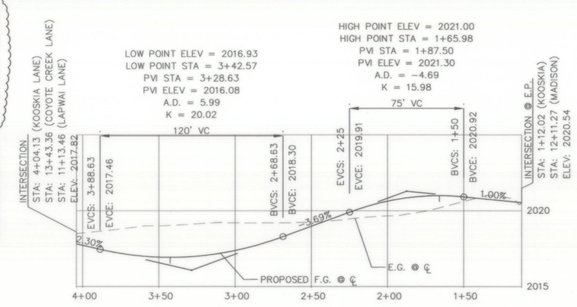


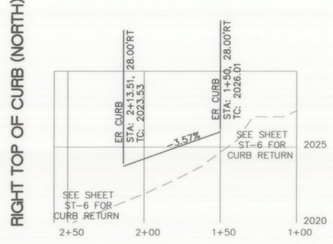
CENTERLINE COYOTE CREEK LANE ~~POTLATCH LANE~~

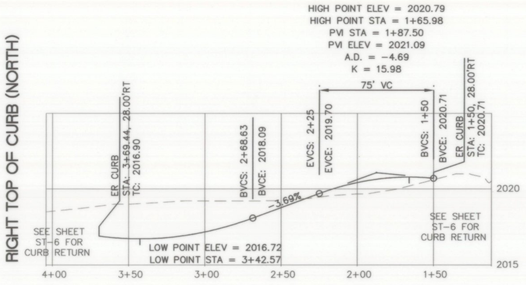


CURVE TABLE					
DIM LOCATION	CURVE	LENGTH	RADIUS	TANGENT	DELTA
CENTERLINE	C1	201.49	150.00	119.24	76°57'46"
CENTERLINE	C2	157.19	100.00	100.11	90°03'49"
CENTERLINE	C3	235.42	150.00	149.80	89°55'31"
CENTERLINE	C4	93.70	100.00	50.61	53°41'06"
CENTERLINE	C5	277.96	219.00	161.23	72°43'17"
CENTERLINE	C6	190.32	100.00	140.32	109°02'51"
FACE OF CURB	C7	34.56	11.00	INFINITE	180°00'00"
FACE OF CURB	C8	34.56	11.00	INFINITE	180°00'00"
FACE OF CURB	C9	13.49	4.50	62.70	171°47'24"
FACE OF CURB	C10	60.99	158.00	30.88	22°06'55"
FACE OF CURB	C11	34.46	142.00	17.32	13°54'18"
FACE OF CURB	C12	25.13	8.00	INFINITE	180°00'00"
FACE OF CURB	C13	45.49	29.50	28.66	88°21'12"
BACK OF CURB	C14	255.76	166.00	161.09	88°16'43"
BACK OF CURB	C15	27.55	29.50	14.87	53°30'13"
BACK OF CURB	C16	95.96	47.00	76.66	116°58'40"
BACK OF CURB	C17	4.99	4.50	2.78	63°28'27"
BACK OF CURB	C18	4.99	4.50	2.78	63°28'27"
BACK OF CURB	C19	95.96	47.00	76.66	116°58'40"
BACK OF CURB	C20	27.55	29.50	14.87	53°30'13"
BACK OF CURB	C21	43.07	30.00	26.20	82°15'19"
BACK OF CURB	C22	93.01	116.00	49.17	45°56'25"
BACK OF CURB	C23	186.56	203.00	100.45	52°39'23"
BACK OF CURB	C24	220.78	116.00	162.77	109°02'51"
BACK OF CURB	C25	36.70	29.50	21.15	71°16'41"
BACK OF CURB	C26	221.64	178.00	127.77	71°20'30"
BACK OF CURB	C27	132.63	122.00	73.72	62°17'15"
BACK OF CURB	C28	43.65	29.50	26.93	84°46'43"
BACK OF CURB	C29	84.14	116.00	44.01	41°33'24"
FACE OF CURB	C30	46.34	29.50	29.50	90°00'00"
BACK OF CURB	C31	210.31	134.00	133.83	89°55'31"
BACK OF CURB	C32	59.70	30.50	45.35	112°09'15"
BACK OF CURB	C33	46.23	84.00	23.71	31°31'51"
BACK OF CURB	C34	204.48	235.00	109.22	49°51'19"
BACK OF CURB	C35	6.97	4.50	4.41	88°48'14"
FACE OF CURB	C36	61.58	254.50	30.94	13°51'46"
BACK OF CURB	C37	6.97	4.50	4.41	88°48'14"
BACK OF CURB	C38	27.13	235.00	13.58	6°36'57"
BACK OF CURB	C39	96.46	84.00	54.34	65°47'44"
BACK OF CURB	C40	132.04	84.00	84.09	90°03'49"
BACK OF CURB	C41	7.07	4.50	4.50	90°00'00"
BACK OF CURB	C42	7.07	4.50	4.50	90°00'00"
FACE OF CURB	C43	47.12	30.00	30.00	90°00'00"
FACE OF CURB	C44	47.12	30.00	30.00	90°00'00"
FACE OF CURB	C45	47.12	30.00	30.00	90°00'00"
FACE OF CURB	C46	47.12	30.00	30.00	90°00'00"

CENTERLINE ~~KOOSKIA LANE~~ LAPWAI LANE







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REVISED 8/23/2013

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ELEVATION	2014.12 NAVD 88	VERTICAL	1"=5'	CHECKED ACS	7/25/14
LOCATION	Railroad spike in power pole at the intersection of Thorpe and Madison			APPROVED	

AARON C. SIMPSON — STATE OF WASHINGTON — 43460 — REGISTERED PROFESSIONAL ENGINEER — 7/25/14

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	SHEET NUMBER
14670	ST-2

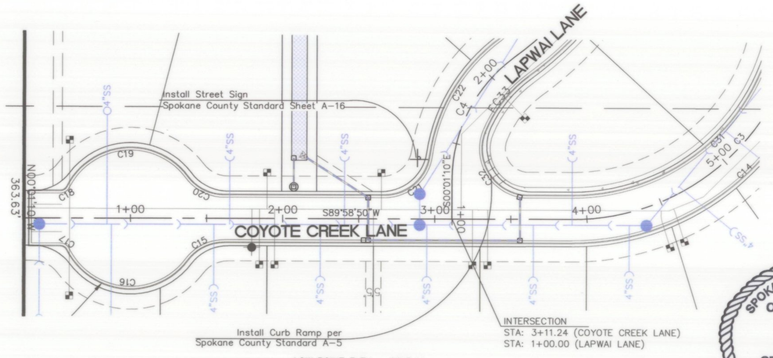
PLAN AND PROFILE
THE CREEK AT CHESTER
COYOTE CREEK ~~POTLATCH~~ LANE – STA:1+00 TO 2+39
LAPWAI ~~KOOSKIA~~ LANE – STA:1+00 TO 4+04.13
A PLAT IN A PORTION OF THE
NE 1/4 SEC. 4, T.24 N., R.44 E.W.M.
SPOKANE COUNTY, WASHINGTON
CALL BEFORE YOU DIG 456-8000

\\SIMPSON-NT\Projects\Projects\14501-15000\14670-FROST\dwg\14670-RECORD DRAWING.dwg 7/25/2014 2:29:26 PM PDT

COYOTE CREEK LANE

Centerline Station 0+33.5 to 4+75

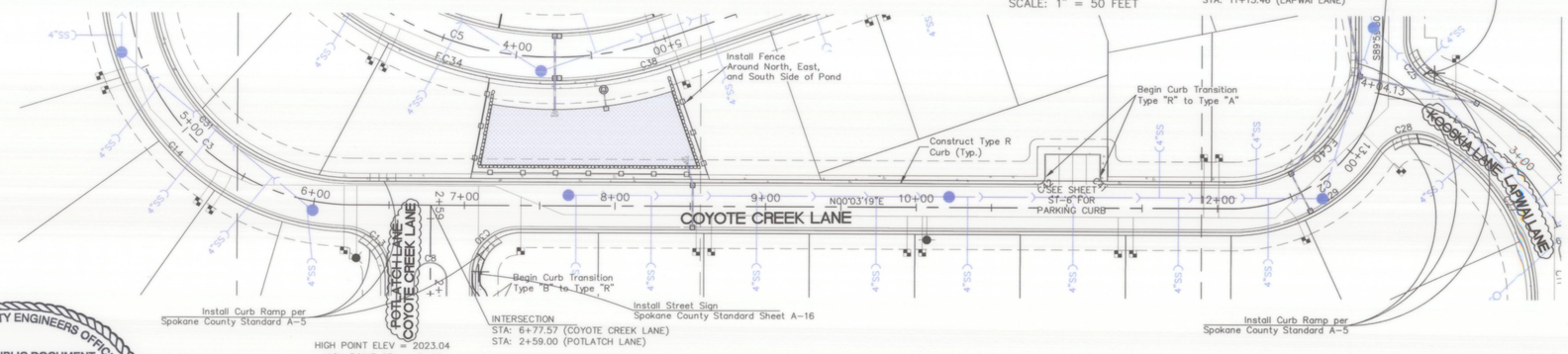
SCALE: 1" = 50 FEET



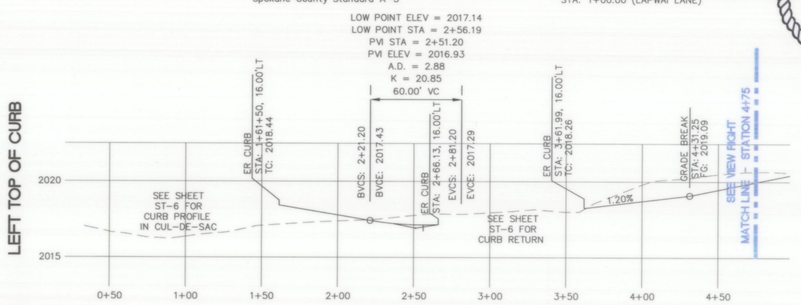
COYOTE CREEK LANE

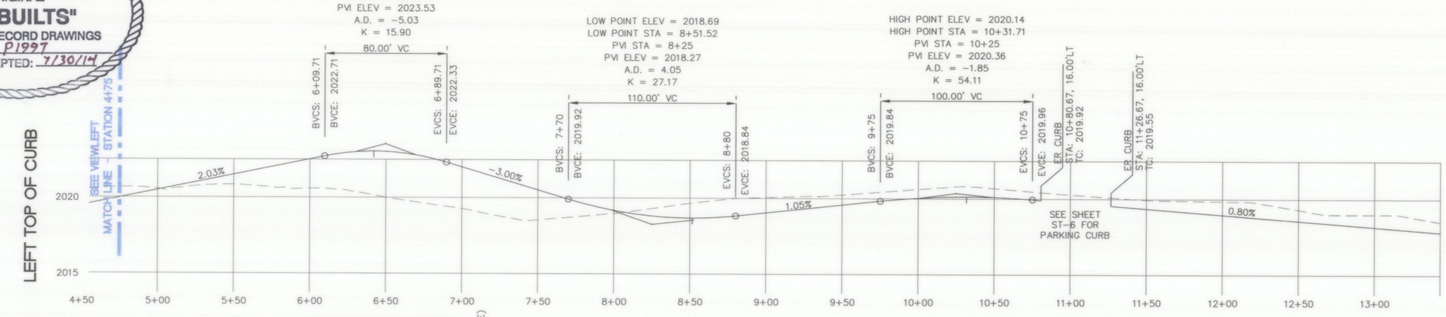
Centerline Station 4+75 to 13+43.36

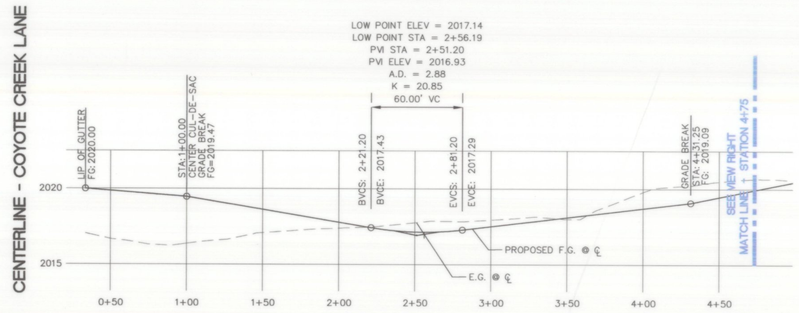
SCALE: 1" = 50 FEET

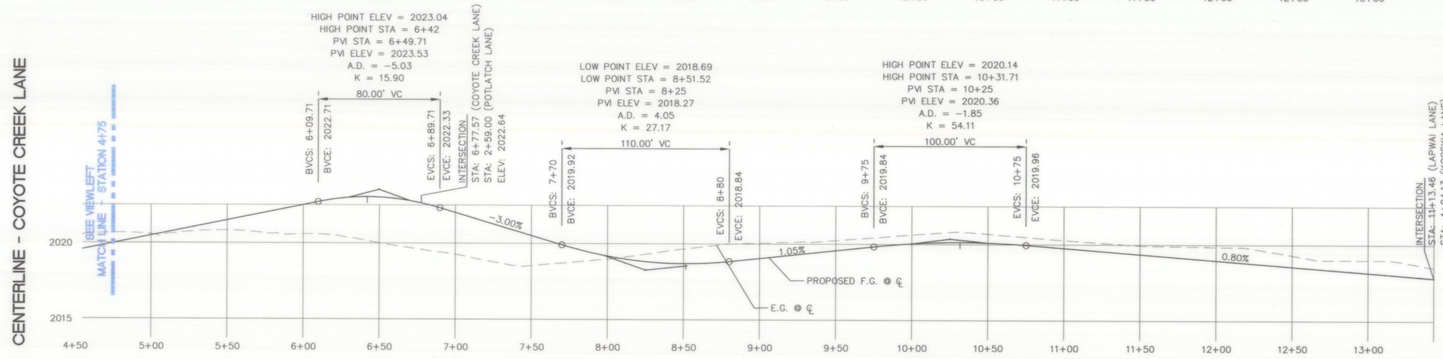


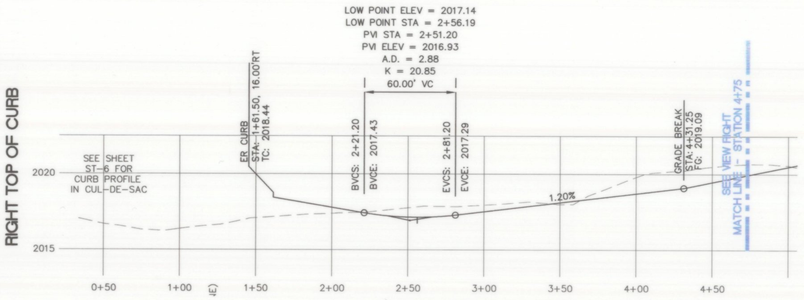
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1997
DATE ACCEPTED: 7/30/14

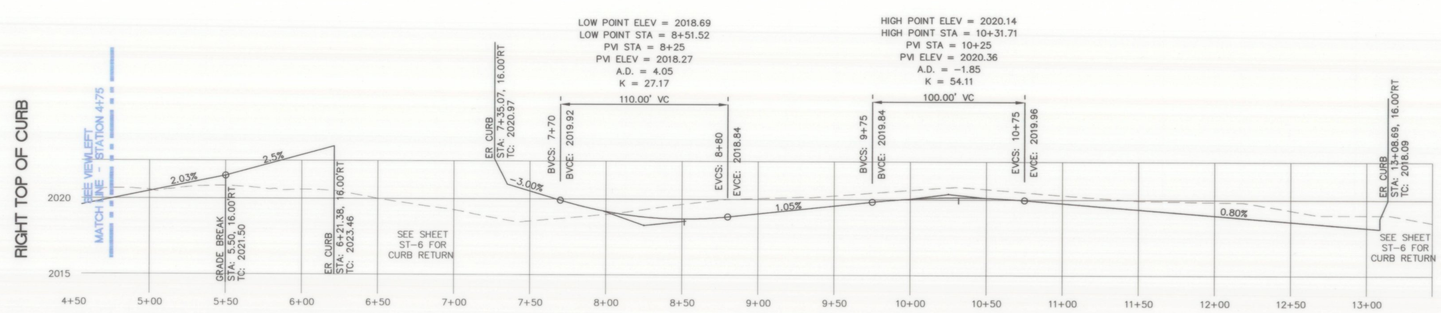












NOTE:
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RECORD DRAWING REVISED 8/23/2013

BY	DATE	REVISIONS / AS BUILT
MJK	10-13-2008	PROFILE CHANGES, ADDED RETAINING WALLS, ADDED FENCING, MADISON CURB DESIGN MODIFIED.
MJK	2-12-2009	ROAD NAMES ADDED.
MJK	1-25-2010	OUTER BOUNDARY LINES ADJUSTED TO BE OUTSIDE 100 YR. FLOORPLAIN.
ACS	8-8-2013	ON-SITE DRAINAGE REVISED TO BE CONVEYED THROUGH PIPE NETWORK
ACS	8-23-2013	POND B REVISED TO MINIMIZE ENCROACHMENT INTO FLOODPLAIN, REVISED GRADES @ POTLACH/COYOTE CR.
MJK	7-25-2014	RECORD DRAWING

DATUM		SCALE			DATE
TBM NO.		HORIZONTAL	1"=50'	DRAWN MJK	12/2/2013
ELEVATION	2014.12 NAVD 88	VERTICAL	1"=5'	CHECKED ACS	7/25/14
LOCATION	Railroad spike in power pole at the intersection of Thorpe and Madison			APPROVED	

ARON C. SIMPSON, STATE OF WASHINGTON, 43460, REGISTERED PROFESSIONAL ENGINEER, 7/25/14

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

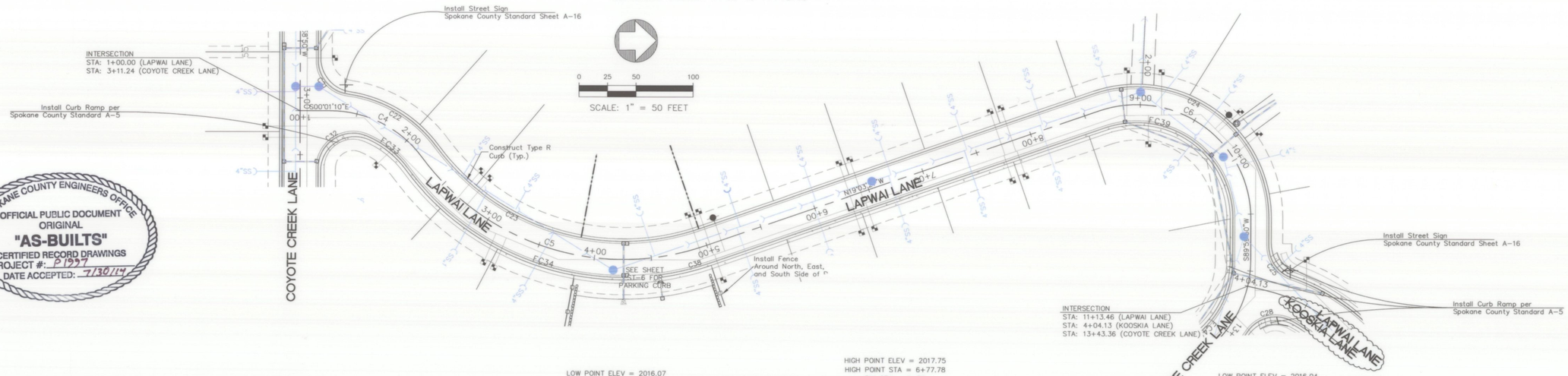
TYPE OF IMPROVEMENT: STREET	
PROJECT NUMBER	SHEET NUMBER
14670	ST-3

PLAN AND PROFILE
THE CREEK AT CHESTER
COYOTE CREEK LANE – STA: 0+33.5 TO 4+75
COYOTE CREEK LANE – STA: 4+75 TO 13+43.36
A PLAT IN A PORTION OF THE
NE 1/4 SEC. 4, T.24 N., R.44 E.W.M.
SPOKANE COUNTY, WASHINGTON
CALL BEFORE YOU DIG 456-8000

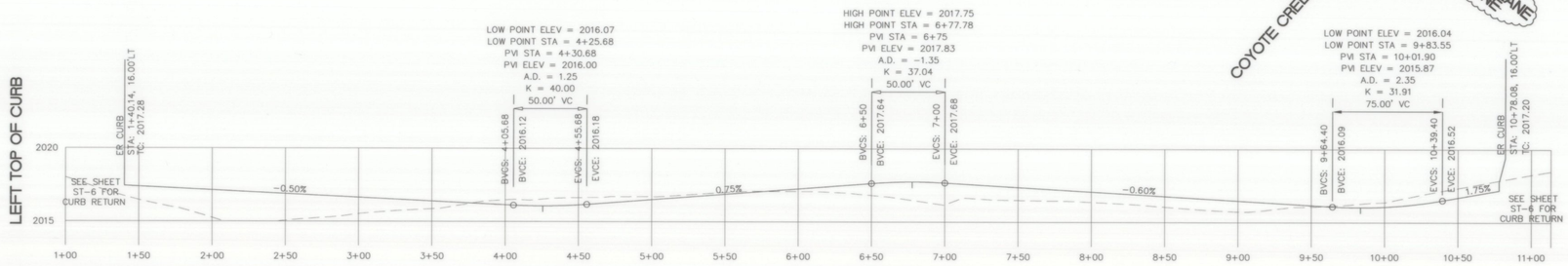
\\SIMPSON-NT\Projects\Projects\14501-15000\14670-FRDST\dwg\14670-RECORD DRAWING.dwg 7/25/2014 2:29:26 PM PDT

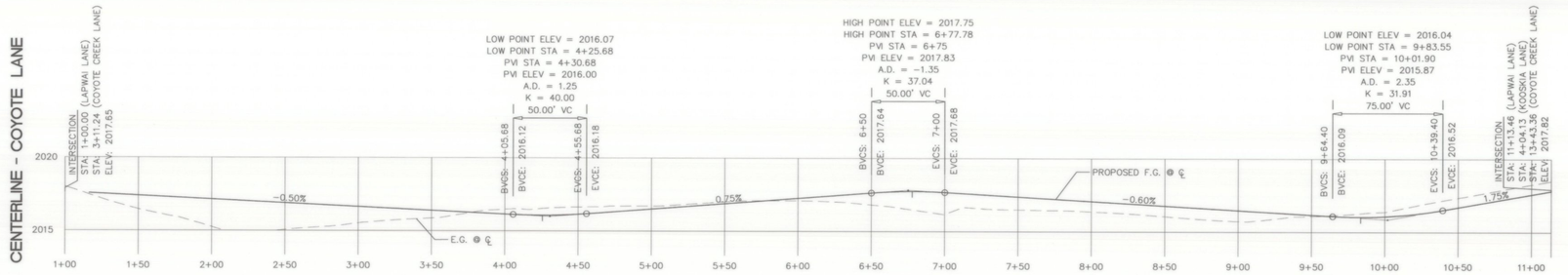
LAPWAI LANE

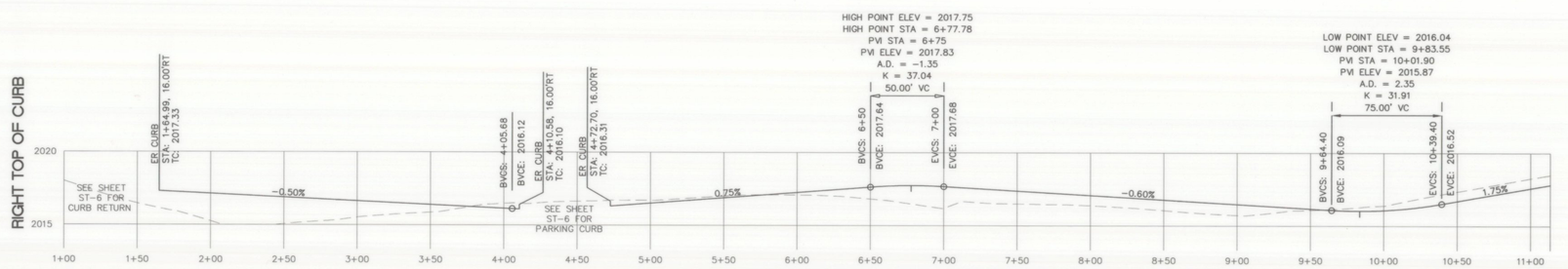
Centerline Station 1+00 to 11+13.46



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1927
DATE ACCEPTED: 7/30/14







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RECORD DRAWING
REVISED 8/23/2013

BY	DATE	REVISIONS / AS BUILT
MJK	10-13-2008	PROFILE CHANGES, ADDED RETAINING WALLS, ADDED FENCING, MADISON CURB DESIGN MODIFIED.
MJK	2-12-2009	ROAD NAMES ADDED.
MJK	1-25-2010	OUTER BOUNDARY LINES ADJUSTED TO BE OUTSIDE 100 YR. FLOORPLAIN.
ACS	8-8-2013	ON-SITE DRAINAGE REVISED TO BE CONVEYED THROUGH PIPE NETWORK
ACS	8-23-2013	POND B REVISED TO MINIMIZE ENCROACHMENT INTO FLOODPLAIN, REVISED GRADES @ POTLACH/COYOTE CR.
MJK	7-25-2014	RECORD DRAWING

DATUM		SCALE			DATE
TBM NO.		HORIZONTAL	1"=50'	DRAWN MJK	12/2/2013
ELEVATION	2014.12 NAVD 88	VERTICAL	1"=5'	CHECKED ACS	7/25/14
LOCATION	Railroad spike in power pole at the intersection of Thorpe and Madison			APPROVED	

AARON C. SIMPSON, STATE OF WASHINGTON, 43460, REGISTERED PROFESSIONAL ENGINEER, 7/25/14

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	SHEET NUMBER
14670	ST-4

PLAN AND PROFILE
THE CREEK AT CHESTER
LAPWAI LANE – STA: 1+00 TO 11+13.46
A PLAT IN A PORTION OF THE
NE 1/4 SEC. 4, T.24 N., R.44 E.W.M.
SPOKANE COUNTY, WASHINGTON
CALL BEFORE YOU DIG 456-8000

\\SIMPSON-NT\Projects\Projects\14501-15000\14670-RCDRT\dwg\14670-RCDRT DRAWING.dwg 7/25/2014 2:29:26 PM PDT

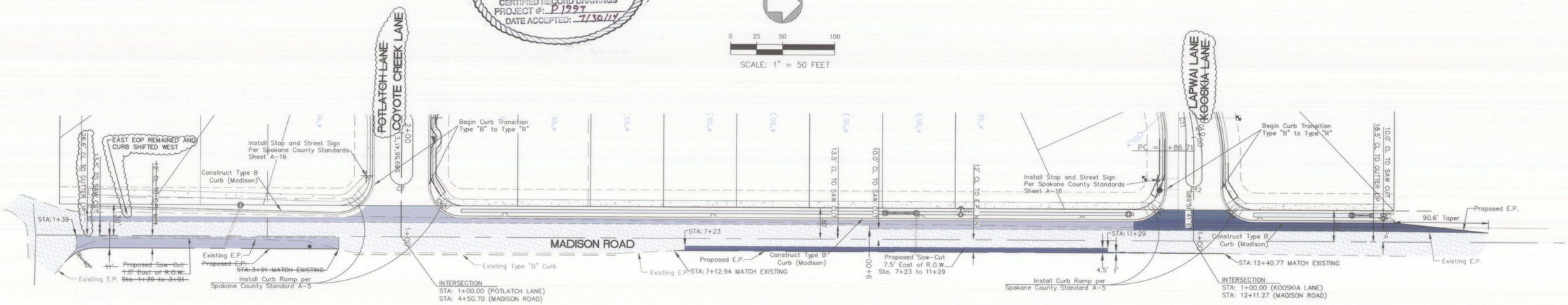
MADISON ROAD

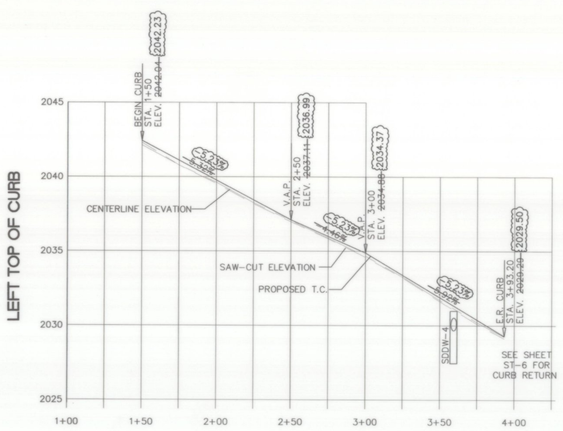
Centerline Station 1+00 to 14+06.60

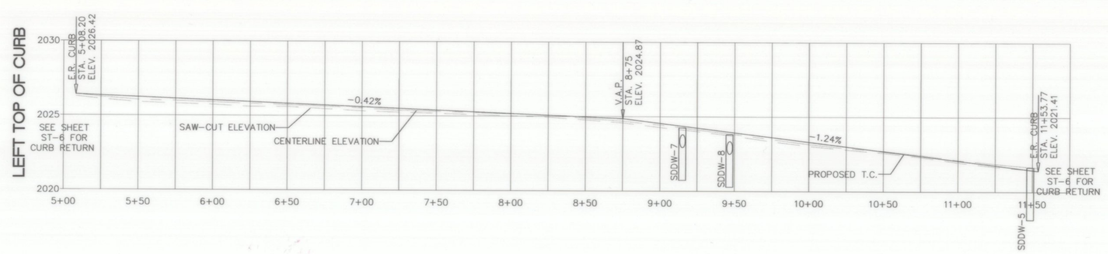
NOTE:
Asbuilt Crown for Madison Road is not the center of R.O.W.

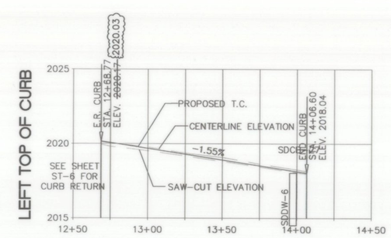
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: P1997
DATE ACCEPTED: 7/30/14

SCALE: 1" = 50 FEET



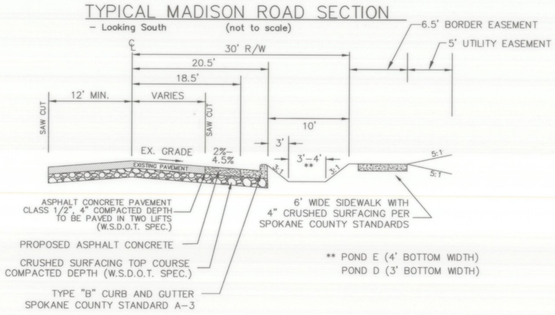






TYPICAL MADISON ROAD SECTION

– Looking South (not to scale)



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RECORD DRAWING
REVISED 8/23/2013

BY	DATE	REVISIONS / AS BUILT
MJK	10-13-2008	PROFILE CHANGES, ADDED RETAINING WALLS, ADDED FENCING, MADISON CURB DESIGN MODIFIED.
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MJK	7-25-2014	RECORD DRAWING

DATUM		SCALE			DATE
TBM NO.		HORIZONTAL	1"=50'	DRAWN MJK	12/2/2013
ELEVATION	2014.12 NAVD 88	VERTICAL	1"=5'	CHECKED ACS	7/25/14
LOCATION	Railroad spike in power pole at the intersection of Thorpe and Madison			APPROVED	

JASON C. SIMPSON, STATE OF WASHINGTON, 43460, REGISTERED PROFESSIONAL ENGINEER, 7/25/14

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	SHEET NUMBER
14670	ST-5

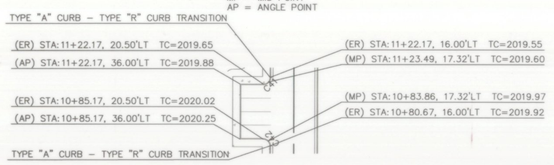
PLAN AND PROFILE
THE CREEK AT CHESTER
MADISON ROAD
A PLAT IN A PORTION OF THE
NE 1/4 SEC. 4, T.24 N., R.44 E.W.M.
SPOKANE COUNTY, WASHINGTON
CALL BEFORE YOU DIG 456-8000

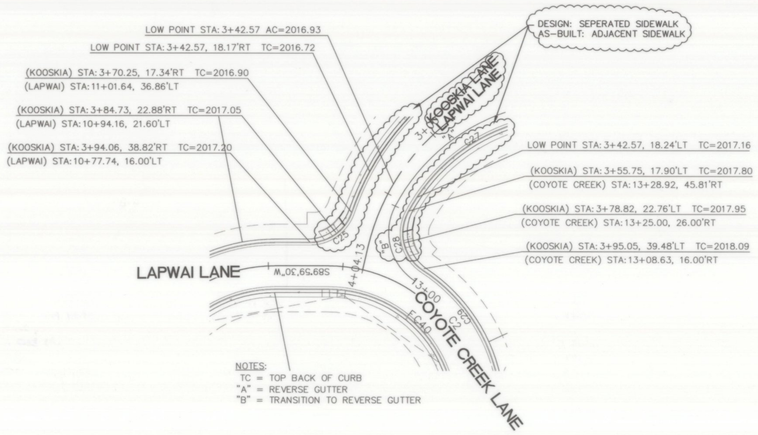
\\SIMPSDN-NT\Projects\Projects\14501-15000\14670-FRDST\dwg\14670-RECORD DRAWING.dwg 7/25/2014 2:29:26 PM PDT

COYOTE CREEK LANE - PARKING

TYPE "A" CURB PER SPOKANE COUNTY STANDARDS

NOTES:
TC = TOP BACK OF CURB
ER = END OF RADIUS
MP = MID POINT
AP = ANGLE POINT





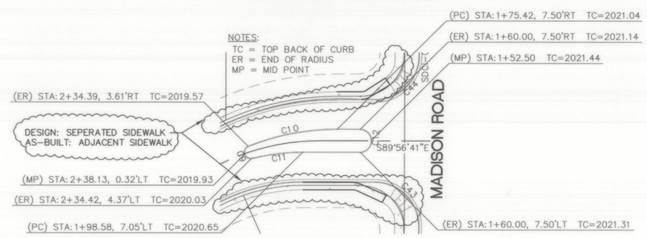
NOTES:
TC = TOP BACK OF CURB
"A" = REVERSE GUTTER
"B" = TRANSITION TO REVERSE GUTTER

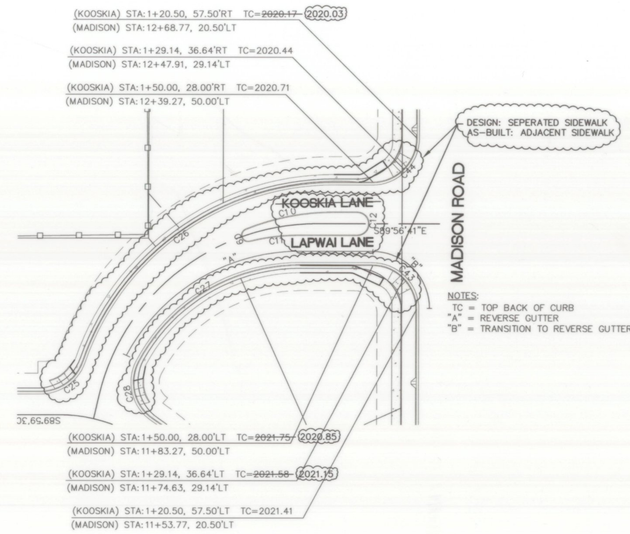
SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT
ORIGINAL
"AS-BUILTS"
CERTIFIED RECORD DRAWINGS
PROJECT #: B 1997
DATE ACCEPTED: 7/30/14

LAPWAI LANE ~~KOOSKIA LANE~~ - ISLAND

TYPE "A" CURB PER SPOKANE COUNTY STANDARDS

NOTES:
TC = TOP BACK OF CURB
ER = END OF RADIUS
MP = MID POINT



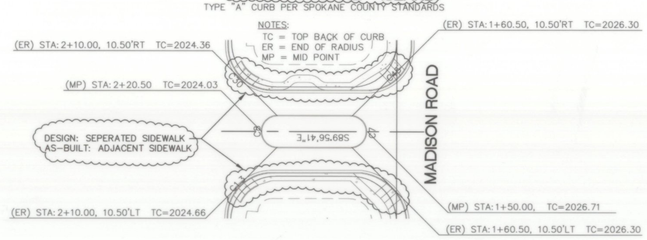


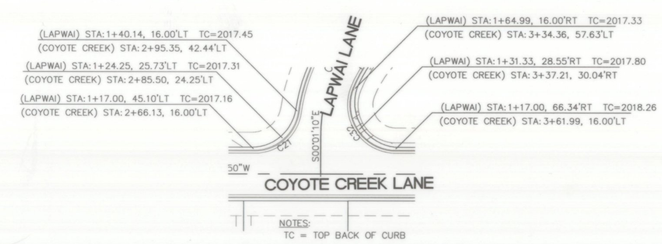
NOTES:
TC = TOP BACK OF CURB
"A" = REVERSE GUTTER
"B" = TRANSITION TO REVERSE GUTTER

COYOTE CREEK LANE ~~POTLATCH LANE~~ - ISLAND

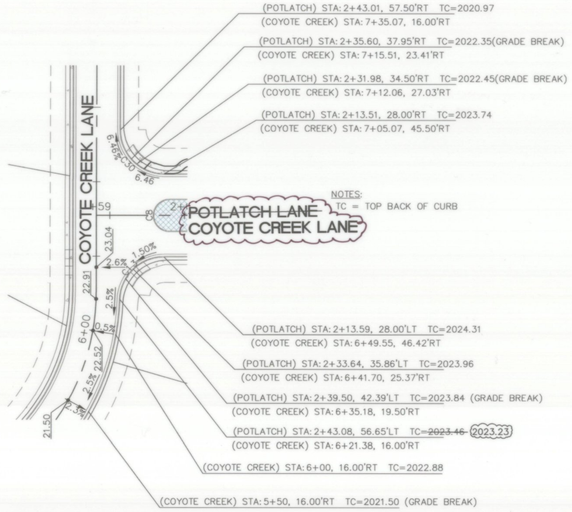
TYPE "A" CURB PER SPOKANE COUNTY STANDARDS

NOTES:
TC = TOP BACK OF CURB
ER = END OF RADIUS
MP = MID POINT

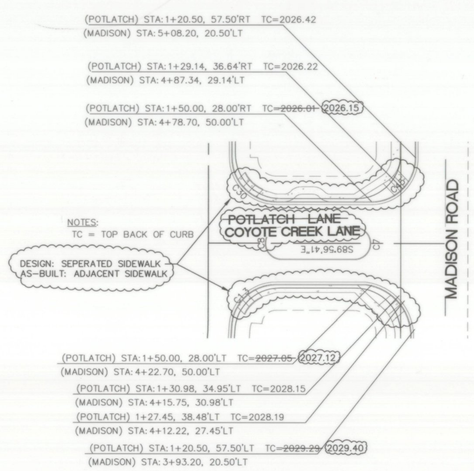


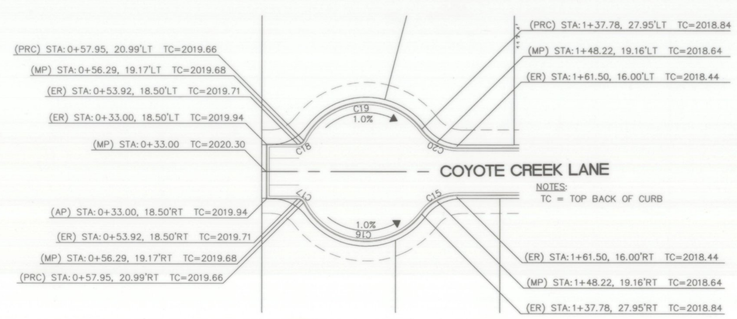


NOTES:
TC = TOP BACK OF CURB



NOTES:
TC = TOP BACK OF CURB





NOTES:
TC = TOP BACK OF CURB

0 25 50 100
SCALE: 1" = 50 FEET

RECORD DRAWING

REVISED 8/23/2013

NOTE: ALL DIMENSIONS AMD ELEVATIONS ARE TO TOP BACK OF CURB

BY	DATE	REVISIONS / AS BUILT
MJK	10-13-2008	PROFILE CHANGES, ADDED RETAINING WALLS, ADDED FENCING, MADISON CURB DESIGN MODIFIED.
MJK	2-12-2009	ROAD NAMES ADDED.
MJK	1-25-2010	OUTER BOUNDARY LINES ADJUSTED TO BE OUTSIDE 100 YR. FLOORPLAIN.
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MJK	7-25-2014	RECORD DRAWING

DATUM		SCALE			DATE
TBM NO.		HORIZONTAL	1"=50'	DRAWN MJK	12/2/2013
ELEVATION	2014.12 NAVD 88	VERTICAL	1"=5'	CHECKED ACS	7/25/14
LOCATION	Railroad spike in power pole at the intersection of Thorpe and Madison			APPROVED	

ARDEN C. SIMPSON, STATE OF WASHINGTON, 43460, REGISTERED PROFESSIONAL ENGINEER, 7/25/14

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	SHEET NUMBER
14670	ST-6

CURB RETURNS, CUL-DE-SACS AND ISLANDS

THE CREEK AT CHESTER

A PLAT IN A PORTION OF THE
NE 1/4 SEC. 4, T.24 N., R.44 E.W.M.
SPOKANE COUNTY, WASHINGTON

CALL BEFORE YOU DIG 456-8000

\\SIMPSON-NT\Projects\Projects\14500-15000\14670-FRDST\dwg\14670-RECORD DRAWING.dwg 7/25/2014 2:29:26 PM PDT