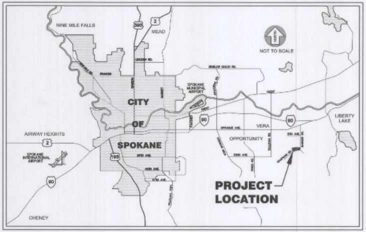
SELKIRK ESTATES
PHASE 1

SPOKANE COUNTY, WASHINGTON

A PORTION OF THE S.E. 1/4 OF SECTION 19, T.25N., R.45E., W.M.



LOCATION MAP

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

SCHEDULE OF DRAWINGS

SHEET NO.	DESCRIPTION
	GENERAL
1	COVER SHEET
	ROAD
2	ROAD INDEX
3	SELKIRK ESTATES ROAD - STA. 20+32.85 TO STA. 28+88.74
4	CHAPMAN ROAD IMPROVEMENTS PLAN AND PROFILE STA. 87+36.09 TO STA. 93+77.09 BARKER ROAD IMPROVEMENTS PLAN AND PROFILE STA. 10+58.41 TO STA. 11+90.80
5	ROAD SECTIONS AND INTERSECTION DETAILS
	DRAINAGE
6	GRADING, EROSION AND SEDIMENT CONTROL PLAN
7	POND DETAILS
8	POND DETAILS AND GRADING AND DRAINAGE DETAILS
9	GRADING, EROSION AND SEDIMENT CONTROL DETAILS AND NOTES
10	MISCELLANEOUS DETAILS

GENERAL NOTES:

1. ALL MATERIALS AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY ROAD STANDARDS", JANUARY 2010, AS AMENDED, AND PER THE "2016 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION" AS PUBLISHED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (W.S.D.O.T.) AND BY THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA).
2. 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.
3. LOCATIONS OF EXISTING UTILITIES SHOWN IN THE PLAN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR RELOCATION OF POWER POLES, LIGHTS, TELEPHONE, AND/OR OTHER UTILITIES THAT MAY CONFLICT WITH THE CONSTRUCTION.
4. THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED ROAD AND DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS. CONTRACTOR SHALL ALSO MAINTAIN ON THE SITE A COMPLETE SET OF RED LINE RECORD DRAWINGS INDICATING ALL CHANGES FROM THE APPROVED DRAWINGS.
5. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER AND THE SPOKANE COUNTY ENGINEER'S OFFICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO ADJACENT EXISTING PROPERTIES OR IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE FOR CLEAN-UP OF ANY AREAS DISTURBED BY HIS ACTIVITIES.
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. ALL PROPOSED ROADWAY AREAS SHALL BE STRIPPED TO A DEPTH OF AT LEAST 12" OF ALL VEGETATION, NEAR-SURFACE ROOTS, ANY EXISTING FILL, AND TOPSOIL. THE STRIPPED MATERIAL CAN BE RE-USED FOR LANDSCAPING, BUT IS NOT ACCEPTABLE FOR STRUCTURAL FILL.
9. NATIVE MATERIALS, EXCLUDING TOPSOIL, IS ACCEPTABLE FOR USE AS STRUCTURAL FILL. IF STRUCTURAL FILL IS IMPORTED IT SHALL CONSIST OF WELL-GRADED SAND AND GRAVEL WITH NO PARTICLES LARGER THAN FIVE INCHES IN DIAMETER AND NOT MORE THAN 30% BY WEIGHT PASSING THE #200 SIEVE. STRUCTURAL FILL SHALL BE PLACED IN MAX. 6 INCH LIFTS WITHIN 2% OF OPTIMUM MOISTURE AND COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR.
10. THE TOP 12 INCHES OF THE ROAD SUBGRADE SHALL BE MOISTURE CONDITIONED TO WITHIN 2% OF OPTIMUM AND COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD.
11. CRUSHED SURFACING TOP COURSE SHALL CONFORM TO WSDOT STANDARDS AND COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY.
12. HOT MIX ASPHALT (HMA) SHALL BE WSDOT HMA CLASS 1/2-INCH W/PERFORMANCE GRADED ASPHALT BINDER PG64-28 AND COMPACTED TO 92% OF THE THEORETICAL MAXIMUM DENSITY AS DETERMINED BY THE RICE METHOD.
13. DURING CONSTRUCTION, THE GROUND SURFACE SHOULD BE SLOPED TO PREVENT STORM RUNOFF FROM ACCUMULATING IN ANY OF THE SUBGRADE AREAS. ANY AREAS OF SOFTENED SUBGRADE SHALL BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL.
14. SITE EXCAVATION, INCLUDING ROCK CUTS AND REMOVAL, SHALL CONFORM TO SECTION 2-03 OF THE WSDOT STANDARD SPECIFICATIONS. EMBANKMENTS TO BE CONSTRUCTED ACCORDING TO THE APPLICABLE PARAGRAPHS OF SECTION 2-03 OF THE WSDOT STANDARD SPECIFICATIONS. EARTH EMBANKMENTS TO BE CONSTRUCTED USING METHOD B OF 2-03.3(14)C.
15. ALL FILL IN AREAS OUTSIDE OF PAVEMENT SHALL BE COMPACTED IN MAXIMUM 8" LIFTS TO 92% OF MAXIMUM ASTM D 1557 DRY DENSITY. PAVEMENT SURGED SHALL BE COMPACTED TO 95%.
16. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (AMOCO 4545 OR APPROVED EQUIVALENT) BETWEEN THE WASHED DRAIN ROCK AND THE NATIVE SOIL.
17. THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, AND THE SIDESLOPES OF THE SWALE UP TO THE GPA OVERFLOW ELEVATION OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA SWALE SHALL BE A MEDIUM TO WELL-DRAINING MATERIAL, WITH A MINIMUM INFILTRATION RATE OF 0.5 INCHES PER HOUR. THE CONSTRUCTION CERTIFICATION 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.
18. ONSITE GRADING SHALL BE IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND ESC PLAN. ANY IMPORT OR EXPORT OF MATERIAL SHALL BE FROM A PRE-APPROVED 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.

LEGEND

EXISTING LOT LINE	NOT IN CONTRACT LINE(N.IC.)
EXISTING CONTOUR (2353)	PROPOSED PLAT BOUNDARY
EASEMENT LINE	PROPOSED LOT LINES
EXISTING BURIED TELEPHONE	PROPOSED CURB & GUTTER
EXISTING BURIED GAS PIPELINE	PROPOSED SIDEWALK
EXISTING OVERHEAD ELECTRICAL	PROPOSED WATER LINE PLUG
EXISTING FENCE	PROPOSED DRAINAGE FLOW
EXISTING WATER LINE	PROPOSED WATER LINE (W)
EXISTING SEWER LINE	PROPOSED SANITARY SEWER (SS)
EXISTING STORM DRAIN LINE	PROPOSED STORM DRAIN LINE (SD)
EXISTING WATER VALVE	FINISH CONTOUR (2160)
EXISTING WATER LINE FITTING (TYP.)	FINISH GRADE ELEVATION (2300)
EXISTING FIRE HYDRANT	PROPOSED WATER VALVE
EXISTING WATER METER AND SERVICE	PROPOSED CONCRETE THRUST BLOCK
EXISTING SIGN	PROPOSED WATER FITTING (TYP.)
EXISTING SS MANHOLE	PROPOSED FIRE HYDRANT
EXIST. DRYWELL (DW)	PROPOSED SS MANHOLE
EXIST. CATCH BASIN (CB)	PROPOSED STORM MANHOLE
EXISTING STORM MANHOLE	PROPOSED STORM CATCH BASIN
EXISTING CLEAN OUT (CO)	PROPOSED CLEAN OUT
	PROPOSED CURB INLET
	PROPOSED DRYWELL
	MONUMENT (MON.)

PROJECT CONTROL POINTS

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
306	8225.12	9874.26	2076.24	PLAT CORNER MARKER: 1/2" REBAR WITH YELLOW PLASTIC CAP MARKED "MOORE 18091".
601	8768.90	7601.50	2148.13	PLAT CORNER MARKER: 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "SEESE PLS 35991.
605	7769.68	8194.17	2150.69	PLAT CORNER MARKER: 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "SEESE PLS 35991.

SEE SHEET 2 – ROAD INDEX FOR LOCATIONS OF CONTROL POINTS

OWNER/DEVELOPER:	SUMMIT PROPERTIES
CONTACT:	CASEY MASON
ADDRESS:	12720 E. NORA, SUITE E SPOKANE VALLEY, WA 99216
PHONE:	509.928.5777

OWNER APPROVAL DATE

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

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: [illegible]
DATE ACCEPTED: [illegible]
ACCEPTANCE EXPIRES: [illegible]
PROJECT LANE MILES PUBLIC: .46
PROJECT LANE MILES PRIVATE: [illegible]
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

The design improvements shown in this set of plans and calculations conform to the applicable editions of the Spokane County Standards for Road and Sewer Construction and the Spokane County Guidelines for Stormwater Management. All design deviations have been approved by the Spokane County Engineer. I approve these plans for construction.

No.	Date	By	Ckd.	Appr.	Revisions

	Name	Date
Drawn:	DJJ	5/2017
Designed:	RRZ	5/2017
Checked:	APS	5/2017

RYAN R. ZIMMERMAN — STATE OF WASHINGTON — 54349 — REGISTERED PROFESSIONAL ENGINEER — 5-26-17

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
505 W MISSION AVENUE | SPOKANE, WA 99201
P 509.328.3371 WWW.PARAMETRIX.COM

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane Wa. 99260
509-477-3600

VERTICAL DATUM: PLAT CORNER MARKER: 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "SEESE PLS 35991". EL=2150.69 (NAVD 88)

HORIZONTAL DATUM: ASSUMED. SEE PROJECT CONTROL TABLE

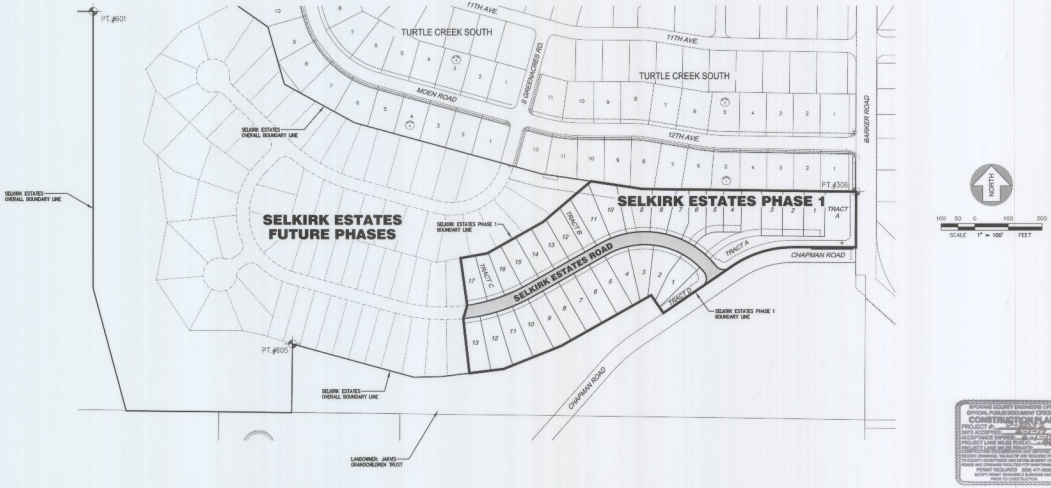
CADD FILE NAME: 7653-008-01-COVER.dwg

SCALE
HORIZ. N/A
VERT. N/A

SELKIRK ESTATES PHASE 1

COVER SHEET

A PORTION OF THE SE 1/4 OF SECTION 19, T.25 N., R. 45 E., W.M.



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC REQUIREMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # SP-2017
DATE ACCEPTED 5/15/2018
PROJECT LANE MILES ROUTE: 0.75
PROJECT LANE MILES PUBLIC: 0.75
PROJECT LANE MILES PRIVATE: 0
PRIVATE IMPROVEMENTS ACCEPTED FOR MAINTENANCE
PRIVATE IMPROVEMENTS, THE QUALITY AND REQUIRED PROOF TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE MAINTENANCE ENTITY ARE THE RESPONSIBILITY OF THE PERMIT RECIPIENT. (509) 477-3600
ACCEPTANCE BY ENGINEER'S SUBMISSION DATE
ENGINEER'S SIGNATURE

No.	Date	By	Chk.	Appr.	Revisions

		Date
Drawn:	bjc	5/2017
Designed:	MS2	5/2017
Checked:	AP5	5/2017

Parametrix
ENGINEERING • PLANNING • ENVIRONMENTAL SCIENCES
108 W WEDGE PO BOX 1 | SPOKANE, WA 99201
P 509.326.2123 | PARAMETRIX.COM LLP

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane, WA 99260
509-477-3600

VERTICAL DATUM: FLAT CORNER MARKED 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "PLS 22-5-25 35887"
EL.=670.08 (NAVD 88)
HORIZONTAL DATUM: ASSUMED
SEE PROJECT CONTROL TABLE
CADD FILE NAME: 7855-895-02-RDMOB.dwg

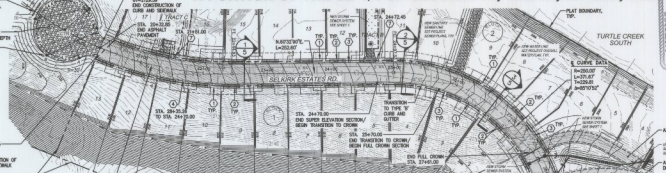
SCALE
HORIZ. 1"=100'
VERT. N/A

SELKIRK ESTATES PHASE 1

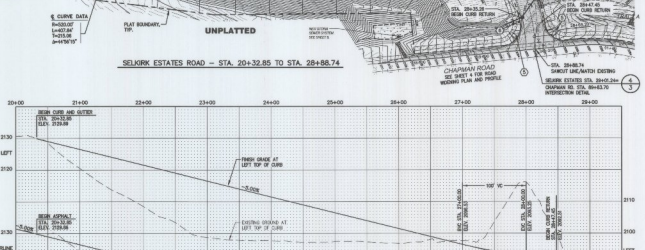
ROAD INDEX

ROAD
SHEET 2 / 10

A PORTION OF THE SE 1/4 OF SECTION 19, T.25 N., R. 45 E., W.M.



SELKIRK ESTATES ROAD TEMPORARY CUL-DE-SAC FINISH GRADE SPOT ELEVATIONS	
POINT	ELEVATION
A	2129.80
B	2128.00
C	2128.00
D	2127.00
E	2128.00
F	2128.88



UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM FIELD SURVEY INFORMATION AND/OR MAPS OF RECORD. THE LOCATIONS OF SERVICE CONNECTIONS TO UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHER, WE DO NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED, ALTHOUGH WE DO CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

OFFICIAL PUBLIC DOCUMENT CRAVEN CONSULTING ENGINEERS, INC.
PROJECT #: 2008-0-0
PROJECT NAME: SELKIRK ESTATES
PROJECT LAND USE: RESIDENTIAL
PROJECT ADDRESS: SELKIRK ESTATES ROAD
PROJECT DESCRIPTION: SELKIRK ESTATES PHASE 1 ROAD IMPROVEMENTS
ORIGINAL DRAWING: 18x36 (24") AND REDUCED PRINTS
ALL REDUCED PRINTS MUST BE CLEARLY MARKED AS REDUCED PRINTS FOR THIS DOCUMENT
PERMIT REQUIRED BEFORE ANY REPRODUCTION OF THIS DOCUMENT
WWW.CRAVENENGINEERS.COM

NORTH

SCALE 1" = 50' FEET

NAVD 88 DATUM

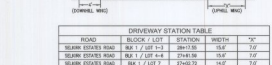
CONTOUR INTERVAL = 1 FOOT

CONSTRUCTION NOTES:

ALL DETAILS SHALL BE PER SPOKANE COUNTY STANDARDS UNLESS OTHERWISE NOTED.

1. 6" WIDE CONCRETE SIDEWALK PER STANDARD SHEET A-7. SEE DETAIL 1 THIS SHEET, FOR DRIVEWAY LOCATIONS WHERE SLAB THICKNESS SHALL BE 8".
2. INSTALL DRIVEWAY CURB DROP PER SPOKANE COUNTY STD. PLAN A-7. AFTER FROM BACK OF CURB TO BACK OF SIDEWALK NOT INSTALLED UNLESS NOTED. PLAN AND PROFILE VIEWS OF THE DRIVEWAY ARE REFERENCED TO. NOTE: SEE DETAIL 1 THIS SHEET. SLAB IS REQUIRED IN SIDEWALK AREA. SEE REQUIREMENT ON DETAIL FOR TEMPORARY EARTH BERM.
3. SPOKANE COUNTY TYPE "B" CONCRETE CURB AND GUTTER PER STANDARD PLAN A-3.
4. CONCRETE CURB AND SPILL GUTTER PER DETAIL 1, SHEET 10.
5. WHEEL CHAIR RAMP PER STANDARD SHEET A-5, DESIGN 'E'.
6. SIGN POST PER STANDARD SHEET PER STANDARD SHEET A-16.
7. CURB INLET TYPE 3 PER SPOKANE COUNTY STANDARD PLAN B-5.

INSTALL TEMPORARY 8-INCH HIGH EARTH BERM DURING CONSTRUCTION WITH DRIVEWAY APPROACH IS CONSTRUCTED TO PREVENT WATER FROM FLOWING AGAINST CURB ONTO PROPERTY.



DRIVEWAY STATION TABLE				
ROAD	BLOCK / LOT	STATION	WIDTH	"X"
SELKIRK ESTATES ROAD	BLK 1 / LOT 1-3	28+17.55	15.6'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 4-6	27+81.56	15.6'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 7	27+02.72	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 8	26+52.36	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 9	26+18.01	14.0'	7.0'
SELKIRK ESTATES ROAD	SMR 3 ACCESS	25+40.49	18.6'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 10	25+47.50	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 11	25+81.27	14.0'	7.0'
SELKIRK ESTATES ROAD	TRACT B ACCESS	24+30.98	14.1'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 12	24+11.85	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 13	23+38.05	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 14	23+06.85	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 15	22+53.78	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 16	21+50.85	14.0'	7.0'
SELKIRK ESTATES ROAD	TRACT C ACCESS	21+31.28	20.4'	7.0'
SELKIRK ESTATES ROAD	BLK 1 / LOT 17	20+73.86	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 1	27+70.44	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 2	26+89.59	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 3	26+40.65	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 4	25+18.94	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 5	24+56.41	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 6	24+03.61	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 7	23+50.61	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 8	22+98.61	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 9	22+48.61	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 10	21+97.66	14.0'	10.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 11	21+46.43	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 12	21+03.75	14.0'	7.0'
SELKIRK ESTATES ROAD	BLK 2 / LOT 13	20+53.93	14.0'	7.0'

NOTE: STATION PROVIDED IN TABLE IS TO CENTER OF DRIVEWAY

1/3 TYPICAL DRIVEWAY LOCATION
NOT TO SCALE

UNDERGROUND SERVICE ALERT
CWC-CALL NUMBER
1-800-424-5555
CALL THE NUMBER BELOW BEFORE YOU DIG

No.	Date	By	Chd.	Appr.	Revisions

Drawn: TJL 5/2011
Designed: SRZ 5/2011
Checked: AFS 5/2011

Parametrix
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1019 39TH AVENUE SOUTHEAST, SUITE 100
PUYALLUP, WASHINGTON 98374
T 253.926.3301 WWW.PARAMETRIX.COM

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave
Spokane Wa. 99260
509-477-3600

VERTICAL DATUM: FLAT CORNER MARKED 1/4" DEEP WITH BRASS PLUGS AND MARKED "SEOR PLS 20001" ELev=2100.00 (NAVD 88)
HORIZONTAL DATUM: ASSUMED. SEE PROJECT CONTROL TABLE
CADD FILE NAME: T:\11-030-02-SLKRSE REPT.dwg

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

SELKIRK ESTATES PHASE 1
SELKIRK ESTATES ROAD
STA. 20+32.85 TO STA. 28+88.74

ROAD 3
SHEET 10

A PORTION OF THE SE 1/4 OF SECTION 19, T.25 N., R. 45 E., W.M.

UTILITY STATEMENT

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

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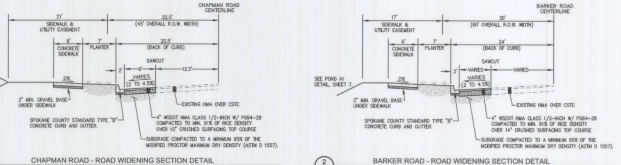
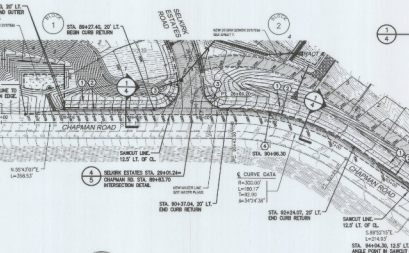
CALL TWO BUSINESS DAYS BEFORE YOU DIG

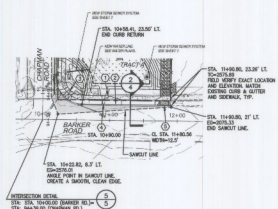


1/4 CHAPMAN ROAD - ROAD WIDENING SECTION DETAIL
NOT TO SCALE

2/4 BARKER ROAD - ROAD WIDENING SECTION DETAIL
NOT TO SCALE



CHAPMAN ROAD — ROAD WIDENING
STA. 87+36.09 TO STA. 93+77.09



BARKER ROAD — ROAD WIDENING
STA. 10+58.41 TO STA. 11+90.80

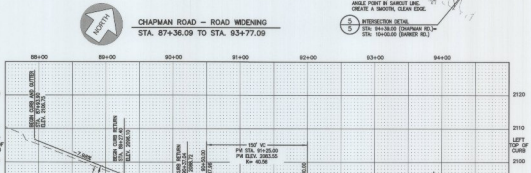
SCALE 1" = 50' FEET
NAVD 88 DATUM
CONTOUR INTERVAL = 1 FOOT

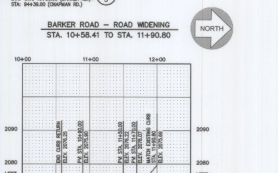
CONSTRUCTION NOTES:

ALL DETAILS SHALL BE PER SPOKANE COUNTY STANDARDS UNLESS OTHERWISE NOTED.

1. 6" WIDE CONCRETE SIDEWALK PER STANDARD SHEET A-4.
2. SPOKANE COUNTY TYPE "B" CONCRETE CURB AND GUTTER PER STANDARD PLAN A-3.
3. WHEEL CHAIR RAMP PER STANDARD SHEET A-5, DESIGN 'D'.
4. CURB INLET - MODIFIED TYPE 2 PER DETAIL 2, SHEET 10.
5. INSTALL DRIVEWAY CURB DROP PER SPOKANE COUNTY STD. PLAN A-4.

INTERSECTION DETAIL
STA. 89+43.70/0.00 (CHAPMAN RD.)
STA. 10+00.00 (BARKER RD.)





INSTALL DRIVEWAY CURB DROP PER SPOKANE COUNTY STD. PLAN A-7. APRON FROM BACK OF CURB TO BACK OF SIDEWALK NOT INSTALLED UNLESS NOTED OTHERWISE. APRON TO BE INSTALLED BY BUILDER PER REFERENCED STD. PLAN. SEE DETAIL 1, THIS SHEET, 4" SLAB IS REQUIRED IN SIDEWALK AREA. SEE REQUIREMENT ON DETAIL FOR TEMPORARY EARTH SEAL.

SPOKANE COUNTY ENGINEERING OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 2014-0148
DATE ACCEPTED: 5/29/2014
ACCEPTANCE EXPIRES: 5/29/2016
PROJECT NAME: SELKIRK ESTATES PHASE 1
PROJECT LIMITS: SELKIRK ESTATES PHASE 1
CONSTRUCTION PLAN EXPIRATION DATE EXTENSIONS
ACCEPTANCE OF CONSTRUCTION PLANS DOES NOT CONSTITUTE ACCEPTANCE AND APPROVAL OF ROADWAY, DRAINAGE AND UTILITY IMPROVEMENTS AND DRAINAGE FACILITIES FOR MAINTENANCE.
SEE PROJECT FILE FOR ADDITIONAL INFORMATION.
NOTIFY PERMIT ENGINEER 2 WORKING DAYS PRIOR TO CONSTRUCTION.

No.	Date	By	Ckd.	Appr.	Revisions

Drawn: Date 5/2017
Designed: BRZ 5/2017
Checked: KFS 5/2017

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SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane, Wa. 99260
509-477-3600

VERTICAL DATUM: FLAT CORNER MARKER 3/4" REBAR WITH "YELLOW PLASTIC CAP" MARKED "BESE 7LS 35887" ELEV=2130.93 (NAVD 88)
HORIZONTAL DATUM: ASSUMED. SEE PROJECT CONTROL TABLE
CADD FILE NAME: 1032-035-00 WIDENING SCPP.dwg

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

SELKIRK ESTATES PHASE 1
CHAPMAN ROAD
STA. 87+36.09 TO STA. 93+77.09
BARKER ROAD
STA. 10+58.41 TO STA. 11+90.80

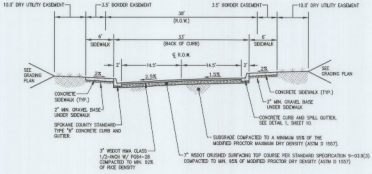
ROAD SHEET 4 / 10

A PORTION OF THE SE 1/4 OF SECTION 19, T.25 N., R. 45 E., W.M.

UTILITY STATEMENT

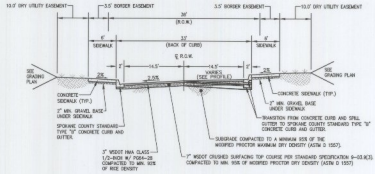
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM THE BEST AVAILABLE INFORMATION AND EXISTING DRAINAGE PARAMETERS. WE MAKE NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHER, WE DO NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED ALTHOUGH WE DO GUARANTEE THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

UNDERGROUND SERVICE ALERT
ONE-CALL WASHINGTON
1-800-424-5555
TOLL FREE
NOT A TAX TO PAY



1/3 SUPER ELEVATION ROAD SECTION – SELKIRK ESTATES ROAD – STA. 20+32.85 TO STA. 24+70.00

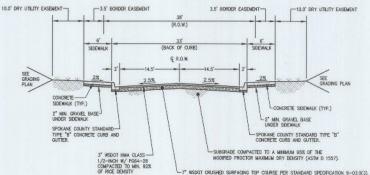
NOT TO SCALE



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
DATE APPROVED: _____
DATE ACCEPTED: _____
ACCEPTANCE EXPIRES: _____ YR _____ MO _____ DAY
PROJECT LAND SURVEYOR: _____
THIS PLAN IS VALID FOR A PERIOD OF TWO YEARS FROM THE DATE OF APPROVAL. ACCEPTANCE OF THE PLAN DOES NOT CONSTITUTE A COUNTY ACCEPTANCE AND DEVELOPMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
THE PLAN MUST BE ACCEPTED AND ACCEPTANCE EXPIRED BEFORE ROAD WORK CAN BE DONE PRIOR TO COUNTY ACCEPTANCE.

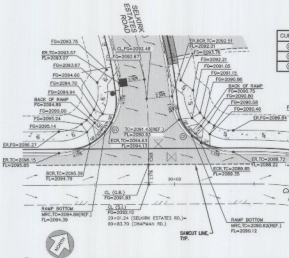
2/3 TRANSITION ROAD SECTION – SELKIRK ESTATES ROAD – STA. 24+70.00 TO STA. 25+70.00

NOT TO SCALE



3/3 FULL CROWN ROAD SECTION – SELKIRK ESTATES ROAD – STA. 25+70.00 TO STA. 27+61.00

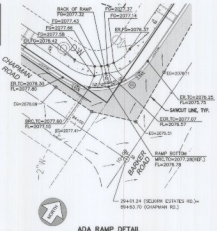
NOT TO SCALE



CURVE TABLE AT FACE OF CURB			
CURVE	RADIUS	LENGTH	DELTA
C1	36.0'	45.71'	72°47'23"
C2	36.0'	57.13'	89°01'16"
C3	36.0'	60.42'	96°56'02"

4/3 SELKIRK ESTATES ROAD AND CHAPMAN ROAD INTERSECTION DETAIL

SCALE: 1"=30'



5/3 ADA RAMP DETAIL
CHAPMAN ROAD AND BARKER ROAD INTERSECTION

SCALE: 1"=20'

No.	Date	By	Chd.	Appr.	Revisions

Drawn: DJ Date 5/2017
Designed: MH 5/2017
Checked: MFS 5/2017

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T 425.823.5773 WWW.PARAMETRIX.COM

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
N. 1026 Broadway Ave.
Spokane Wa. 99260
509-477-3600

VERTICAL DATUM: FLAT CORNER MARKED: 1/4" BRASS PIN IN 2" PIPE SET FLUSH WITH CONCRETE ELEV. 2.0' ABOVE GROUND
ELEVATION DATUM: NGVD
HORIZONTAL DATUM: ASSUMED
SEE PROJECT CONTROL TABLE
CADD FILE NAME: 1650-008-05-SECTIONS-RT-SET.dwg

SCALE
HORIZ. 1"=20'
VERT. NA

SELKIRK ESTATES PHASE 1

ROAD SECTIONS AND INTERSECTION DETAILS

ROAD
SHEET 5 / 10

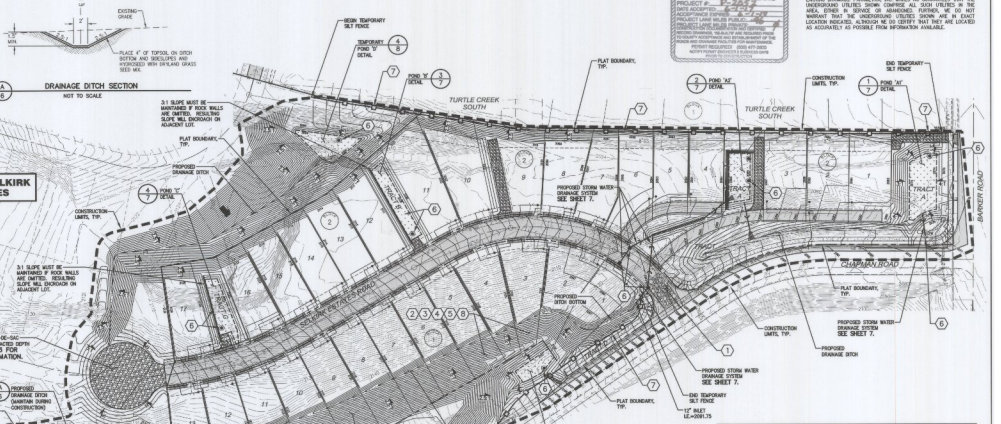
A PORTION OF THE SE 1/4 OF SECTION 19, T.25 N., R. 45 E., W.M.

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

SPOKANE COUNTY ENGINEERING STAMP
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
SPOKANE COUNTY ENGINEER
THIS PROJECT MUST COMPLY WITH THE SPOKANE COUNTY STORMWATER MANAGEMENT MANUAL AND THE SPOKANE COUNTY ENGINEERING DESIGN STANDARDS. ACCEPTANCE OF THIS PLAN DOES NOT CONFIRM THE SUITABILITY OF THE LAND FOR THE PROPOSED USE OR DEVELOPMENT. ACCEPTANCE AND DEVELOPMENT OF THE PROJECT AND STORMWATER FACILITIES FOR WATERSHEDS, WETLANDS, AND FLOOD PLAINS MAY REQUIRE ADDITIONAL PERMITS. ACCEPTANCE DOES NOT ELIMINATE PROPERTY RIGHTS ISSUES.

UTILITY STATEMENT

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



PROPERTY OWNER:	SUMMIT PROPERTIES, INC. 13730 E. MORA, SUITE E SPOKANE, WA 99216-1917
PERMIT APPLICANT:	SUMMIT PROPERTIES, INC. 13730 E. MORA, SUITE E SPOKANE, WA 99216-1917
CONTACT PERSON AT PROJECT SITE:	CASEY MASON PHONE # (509) 590-8383
PROJECT ADDRESS:	SOUTH OF TURTLE CREEK SOUTH, NORTH OF CHAPMAN ROAD, WEST OF BARKER ROAD
PROJECT DESCRIPTION:	CONTINUATION OF SINGLE FAMILY RESIDENTIAL DEVELOPMENT INCLUDING PUBLIC ASPHALT ROADS, SEWER AND WATER SYSTEMS
DESCRIPTION OF ESC MEASURES:	ESC MEASURES INCLUDE SILT FENCES AND GRAVEL CONSTRUCTION ENTRANCES.
DESCRIPTION OF EXISTING SITE VEGETATION:	THE SITE IS COMPOSED OF PREVIOUSLY DISTURBED SOILS WITH SLOPES RANGING FROM 0-30%
LIST OF ON-SITE SOILS:	BONG ASHY SANDY LOAM 0-5% ~BAP5 COMPLEX URBAN LAND PHODIC DISTURBED COMPLEX
LEGAL DESCRIPTION.	SEE PLAT MAP

EROSION SEDIMENT CONTROL KEY NOTES:

1. TEMPORARY CONSTRUCTION ENTRANCE AND EXIT — SMP 1215 / 1-3
2. TEMPORARY & PERMANENT SEEDING (ALL DISTURBED SOILS) — SMP 1230
3. MULCHING (IN CONJUNCTION WITH SEEDING) (TYP. ALL DISTURBED SOILS) — SMP 1232
4. TOPSOILING (PRIOR TO SEEDING, ALL DISTURBED SOILS)
5. SURFACE ROUGHENING (PRIOR TO SEEDING ALL DISTURBED SOILS) — SMP 1234
6. STORM DRAIN INLET PROTECTION — SMP 1250
7. SILT FENCE — SMP 1215 / 4-6
8. BLANKETS — SMP 1232

GENERAL NOTES:

1. SLOPES SHALL BE STABILIZED AND BMP'S PROVIDED AT THE BEGINNING OF CONSTRUCTION IN THE SPRING.
2. SLOPES WILL NEED TO BE MAINTAINED AND RESTABILIZED AS NECESSARY FOR 1 YEAR AFTER VEGETATION IS ESTABLISHED.
3. INSTALL EROSION CONTROL BLANKETS AS NECESSARY DURING CONSTRUCTION.

EROSION AND SEDIMENT CONTROL NOTES LOCATED ON SHEET 9.

REFER TO THE STORMWATER MANAGEMENT MANUAL FOR EASTERN WASHINGTON, PUBLICATION NO. 04-10-076 FOR EROSION CONTROL BMP'S.

No.	Date	By	Ckd.	Appr.	Revisions

Drawn: Date 5/07
Designed: 5/2007
Checked: 5/2007
APS 5/2007

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SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane Wa. 99260
509-477-3600

VERTICAL DATUM: FLAT CORNER MARKER 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "PLS 18446" EL=2104.04 (NAVD 88)
HORIZONTAL DATUM: ASSUMED SEE PROJECT CONTROL TABLE
CADD FILE NAME: 7653-008-00-GRADING ERO PLAN.dwg

SCALE
HORIZ. 1"=50'
VERT. N/A

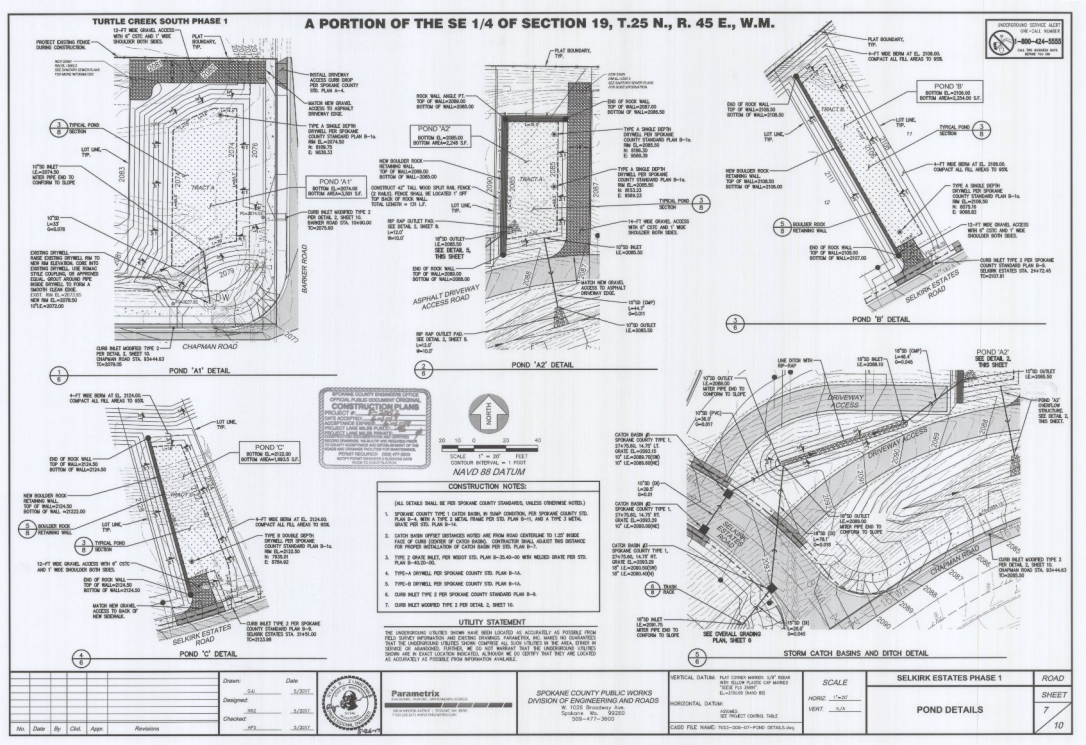
SELKIRK ESTATES PHASE 1

GRADING, EROSION AND SEDIMENT CONTROL PLAN

STORM
SHEET 6 / 10

TURTLE CREEK SOUTH PHASE 1

A PORTION OF THE SE 1/4 OF SECTION 19, T.25 N., R. 45 E., W.M.



CONSTRUCTION NOTES:

(ALL DETAILS SHALL BE PER SPOKANE COUNTY STANDARDS, UNLESS OTHERWISE NOTED.)

1. SPOKANE COUNTY TYPE 1 CATCH BASIN, IN SUMP CONDITION, PER SPOKANE COUNTY STD. PLAN B-4, WITH A TYPE 3 METAL FRAME PER STD. PLAN B-11, AND A TYPE 3 METAL GRATE PER STD. PLAN B-14.
2. CATCH BASIN OFFSET DISTANCES NOTED ARE FROM ROAD CENTERLINE TO 1.25' INSIDE FACE OF CURB (CENTER OF CATCH BASIN). CONTRACTOR SHALL ADJUST THIS DISTANCE FOR PROPER INSTALLATION OF CATCH BASIN PER STD. PLAN B-11.
3. TYPE 2 GRATE INLETS PER WSDOT STD. PLAN B-30.40-00 WITH WELDED GRATE PER STD. PLAN B-6.20-00.
4. TYPE-C DRYWELL PER SPOKANE COUNTY STD. PLAN B-1A.
5. TYPE-B DRYWELL PER SPOKANE COUNTY STD. PLAN B-1A.
6. CURB INLET TYPE 2 PER SPOKANE COUNTY STANDARD PLAN B-8.
7. CURB INLET MODIFIED TYPE 2 PER DETAIL 2, SHEET 10.

UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL ASSUME THE RISK OF ANY DAMAGE THAT THE UNDERGROUND UTILITIES SHOWN CAUSED ALL SUCH UTILITIES IN THE AREA, EXISTED IN SERVICE OR ABANDONED. FURTHER, WE DO NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED, ALTHOUGH WE DO CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

No.	Date	By	Ctrl.	Appr.	Revisions

Drawn: SAJ 3/2007
Designed: MRZ 3/2007
Checked: MPD 3/2007

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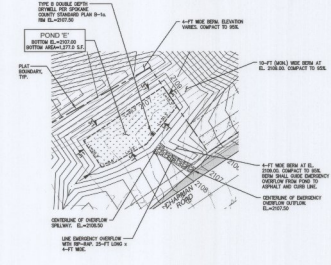
SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1101 Gardner Ave.
Spokane, WA 99260
509-477-3600

VERTICAL DATUM: PLAT CORNER MARKED 1/4" REBAR WITH YELLOW PLASTIC CAP MARKED "SEE P.L.S. 20997" EL=2100.09 (NAVD 88)
HORIZONTAL DATUM: ASSUMED. SEE PROJECT CONTROL TABLE
CADD FILE NAME: 7053-208-01-POND DETAILS.dwg

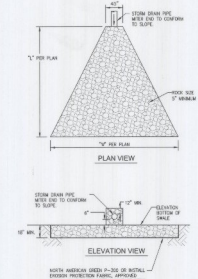
SCALE
HORIZ. 1"=20'
VERT. N/A

SELKIRK ESTATES PHASE 1
POND DETAILS
ROAD
SHEET 7 / 10



1/6 POND "E" DETAIL

SCALE: 1"=30'



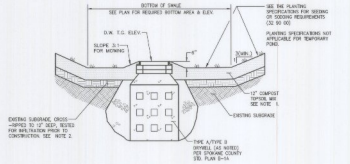
2/7,8 RIP RAP OUTLET PAD

NOT TO SCALE

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
1-424-5555
CALL TEN WORKING DAYS BEFORE YOU DIG

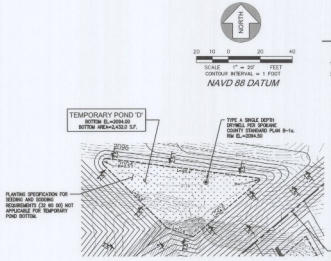
SWALE NOTES:

1. FOR SWALES AND POND BOTTOMS, USE TOP "2" INCHES SMALL ROCK MIXED WITH A CONTRACTOR'S BUSINESS MIX OF SOIL COMPOST WITH SOIL NATIVE SOILS.
2. THE SUBGRADE INFILTRATION RATE SHALL BE, AS A MINIMUM, 0.10 INCHES/HOUR AND THE FACILITY MUST COMPLETELY DRAIN WITHIN 48 HOURS. PROVIDE TEST PITS, PERCOLATION AND RESULTS (SINGLE-RING INFILTROMETER ECY) VERIFYING THE SUBGRADE INFILTRATION PRIOR TO CONSTRUCTION. SUBMIT RESULTS TO OWNER'S ENGINEER FOR REVIEW AND ACCEPTANCE.



3/7,8 SWALE SECTION

NOT TO SCALE



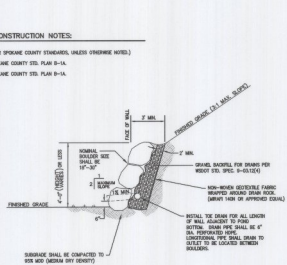
4/6 TEMPORARY POND "D" DETAIL

SCALE: 1"=30'

CONSTRUCTION NOTES:

(ALL DETAILS SHALL BE PER SPOKANE COUNTY STANDARDS, UNLESS OTHERWISE NOTED.)

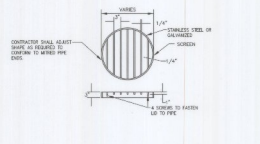
1. TYPE-A DRYWELL PER SPOKANE COUNTY STD. PLAN B-1A.
2. TYPE-B DRYWELL PER SPOKANE COUNTY STD. PLAN B-1A.



5/7 BOULDER ROCK RETAINING WALL

NOT TO SCALE

SPOKANE COUNTY ENGINEERING OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-21-0
DATE ACCEPTED: 10/18/2021
PROJECT NAME: SELKIRK ESTATES PHASE 1
PROJECT LAND SURVEYOR: PARAMETRIX
SIGNING DRAWINGS, NO BLACK AND REQUIRED PRIOR TO ISSUANCE OF PERMITS. ALL PLANS, PROFILES, CROSS SECTIONS AND DRAINAGE PLAN MUST BE ON MYLAR FORMAT.
PERMIT REQUIRED (509) 477-3600
NOTIFY PRIOR TO BEGINNING WORK
PROJECT ENGINEER'S SIGNATURE DATE



6/7 TRASH RACK

NOT TO SCALE

No.	Date	By	Chkd.	Appr.	Revisions

	Date
Drawn: SJJ	5/2021
Designed: MKZ	5/2021
Checked: MPS	5/2021

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DIVISION OF ENGINEERING AND ROADS
N. 1326 Broadway Ave.
Spokane Wa. 99260
509-477-3600

VERTICAL DATUM: PLAT CORNER MARKED 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "SEDC PLS 35867"
EL=2210.00 (NAVD 88)

HORIZONTAL DATUM:
BASIS: SEE PROJECT CONTROL DWG.

CADD FILE NAME: 7612-SKS-05-POND DETAILS.dwg

SCALE
HORIZ: 1"=20'
VERT: N/A

SELKIRK ESTATES PHASE 1

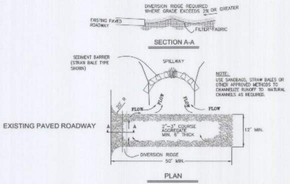
POND DETAILS AND GRADING AND DRAINAGE DETAILS

STORM SHEET 8 / 10

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

EROSION AND SEDIMENT CONTROL NOTES: (SEE SHEET 6)

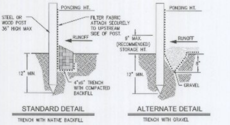
1. THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE FOLLOWED IN ORDER TO BEST MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENTATION CONTROL PROBLEMS:
   - A. CLEAR AND GRUB SUFFICIENTLY FOR INSTALLATION OF TEMPORARY ESC BMPs;
   - B. INSTALL TEMPORARY ESC BMPs, CONSTRUCTING SEDIMENT TRAPPING BMPs AS ONE OF THE FIRST STEPS PRIOR TO GRADING;
   - C. CLEAR, GRUB AND ROUGH GRADE FOR ROADS, TEMPORARY ACCESS POINTS 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 GROUP OF LOTS;
   - F. TEMPORARY STABILIZE, THROUGH RE-VEGETATION OR OTHER APPROPRIATE BMPs. LOTS OR GROUPS OF LOTS IN SITUATIONS WHERE SUBSTANTIAL CUT OF FILL SLOPES ARE A RESULT OF THE SITE GRADING;
   - 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 HAD BEEN ESTABLISHED 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 OR 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 QUALITY CONTROL AUTHORITIES 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 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. INSTALL GEOTEXTILE FABRIC BETWEEN THE STRUCTURE FRAME AND GRATE.
14. KEEP ROADS ADJACENT TO THE INLETS CLEAN.
15. INSPECT INLETS WEEKLY AT A MINIMUM AND DAILY DURING STORM EVENTS.
16. CONSTRUCT STORMWATER CONTROL FACILITIES (DETENTION/RETENTION STORAGE POND OR SWALES) BEFORE GRADING BEGINS. THESE FACILITIES SHALL BE OPERATIONAL BEFORE CONSTRUCTION OF IMPERVIOUS SITE IMPROVEMENTS.
17. STOCKPILE MATERIALS (SUCH AS TOPSOIL) ON SITE, KEEPING OFF OF ROADWAYS AND SIDEWALKS.
18. COVER, CONTAIN AND PROTECT ALL CHEMICAL, LIQUID PRODUCTS, PETROLEUM PRODUCTS, AND NON-INERT WASTES PRESENT ON SITE FROM VANDALISM (SEE CHAPTER 173-304 WAC FOR THE DEFINITION OF INERT WASTE), USE SECONDARY CONTAINMENT FOR ON-SITE FUELING TANKS.
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 ON SITE USING TEMPORARY PLASTIC BENEATH THE VEHICLE.
20. CONDUCT APPLICATION OF AGRICULTURAL CHEMICALS, INCLUDING FERTILIZER AND PESTICIDES, IN SUCH A MANNER, AND AT APPLICATION RATES, THAT INHIBITS THE LOSS OF CHEMICALS INTO STORMWATER RUNOFF FACILITIES. AMEND MANUFACTURER'S RECOMMENDED APPLICATION RATES AND PROCEDURES TO MEET THIS REQUIREMENT, IF NECESSARY.
21. INSPECT ON A REGULAR BASIS (AT A MINIMUM WEEKLY, AND DAILY DURING/AFTER A RUNOFF PRODUCING EVENT) AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPs TO ENSURE SUCCESSFULL PERFORMANCE OF THE BMPs. NOTE THAT INLET PROTECTION DEVICES SHALL BE CLEANED OR REMOVED AND REPLACED BEFORE SIX INCHES OF SEDIMENT CAN ACCUMULATE.
22. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A LOCATION ON SITE WHERE CONCRETE TRUCKS AND EQUIPMENT CAN BE WASHED OUT. THIS AREA SHALL NOT BE LOCATED NEAR OR DRAINING INTO A STORM DRAINAGE AREA, TREATMENT AREA OR FACILITY.
23. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A DESIGNATED AREA ON SITE FOR TIRE WASHING.
24. THE CONTRACTOR IS REQUIRED TO KEEP AN UPDATED COPY OF THE TESC PLAN ONSITE.
25. THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AT THE CONSTRUCTION LIMITS PRIOR TO ANY GROUND DISTURBING ACTIVITIES.
26. IMPLEMENTATION OF THE ESC PLANS AND UPDATING OR UPGRADING OF THE ESC FACILITIES ARE THE CONTRACTOR'S RESPONSIBILITY UNTIL CONSTRUCTION IS COMPLETE AND THE DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
27. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ROCK CONSTRUCTION ENTRIES AT ANY AND ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE.
28. 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.

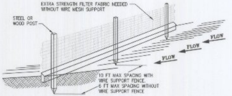


NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO EXIST. ASPHALT ROADWAYS.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

1/6 TEMPORARY GRAVEL CONSTRUCTION EXIT/ENTRANCE





NOTE:

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

2/6 SILT FENCE DETAIL

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #:
DATE ACCEPTED:
ACCEPTANCE EXPIRES:
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

No.	Date	By	Ckd.	Appr.	Revisions

Drawn: DJJ	Date 5/2017
Designed: RRZ	5/2017
Checked: APS	5/2017

RYAN R. ZIMMERMAN, STATE OF WASHINGTON, 54340, REGISTERED PROFESSIONAL ENGINEER, 5-26-17

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
106 W MISSION AVENUE | SPOKANE WA 99201
P 509.328.3371 WWW.PARAMETRIX.COM

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane Wa. 99260
509-477-3600

VERTICAL DATUM: PLAT CORNER MARKER: 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "SEESE PLS 35691". EL.=2150.69 (NAVD 88)
HORIZONTAL DATUM: ASSUMED. SEE PROJECT CONTROL TABLE
CADD FILE NAME: 7653-008-09-GRADING ERO DETAILS.dwg

SCALE
HORIZ. N/A
VERT. N/A

SELKIRK ESTATES PHASE 1

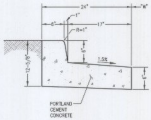
GRADING, EROSION AND SEDIMENT CONTROL DETAILS AND NOTES

ROAD
SHEET 9 / 10

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

GENERAL NOTES:

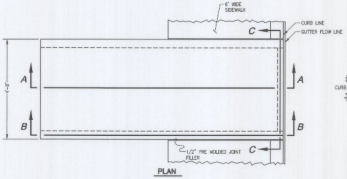
1. PORTLAND CEMENT CONCRETE SHALL BE CLASS 3000 CONFORMING TO THE STANDARD SPECIFICATIONS.
2. REMOVABLE PLANE JOINTS FOR PORTLAND CEMENT CONCRETE SHALL BE PLACED AT 15' INTERVALS.
3. 3/4" EXPANSION JOINTS IN PORTLAND CEMENT CONCRETE SHALL BE PLACED AT CURB RETURNS.
4. EPOXY CEMENT SHALL BE APPLIED AT A 10-15 MIL THICKNESS AND SHALL CONFORM TO THE REQUIREMENTS OF SECTION 9-26 OF THE STANDARD SPECIFICATIONS.
5. THE FINISH SHALL BE STEEL TROWELLED TO PROVIDE A DENSE, SMOOTH REFLECTIVE FINISH.
6. TO BE USED ONLY IN SPECIAL CASES WITH APPROVAL OF THE COUNTY ENGINEER.
7. CURBS SHALL HAVE A LIGHT BROOMED FINISH. GUTTERS SHALL BE FINISHED WITH A STEEL TROWEL.

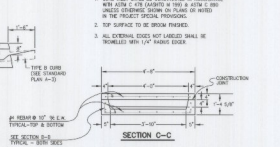


1/3 CONCRETE CURB AND SPILL GUTTER DETAIL

GENERAL NOTES

1. CURB INLET SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C 478 (AASHTO M 199) & ASTM C 891 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE PROJECT SPECIAL PROVISIONS.
2. TOP SURFACE TO BE BROOM FINISHED.
3. ALL EXTERNAL EDGES NOT LABELED SHALL BE TROWELLED WITH 1/4" RADIUS EDGER.





2/6,7 CURB INLET - MODIFIED TYPE 2

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # 2-2-14
DATE ACCEPTED 2-2-17
PROJECT LANE MILES PUBLIC 0.00
PROJECT LANE MILES PRIVATE 0.00
PROJECT LANE MILES TOTAL 0.00
REVISIONS (DRAWING, MUNICIPALITY AND PROJECT NO.) TO COUNTY ACCEPTANCE AND RETAINAGE BY THE PERMIT REQUIRED: SCOPE-477-3600
ACCEPTANCE ENGINEER'S SIGNATURE DATE
PROJECT ENGINEER

No.	Date	By	Dist.	Appr.	Revisions

Drawn: DJJ 5/2017
Designed: MKZ 5/2017
Checked: MFS 5/2017

Parametrix
CIVIL ENGINEERING · PLANNING · ENVIRONMENTAL SERVICES
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SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane Wa. 99260
509-477-3600

VERTICAL DATUM: FLAT CORNED WARNER: 3/4" REBAR WITH YELLOW PLASTIC CAP MARKED "BERG PLS 35667"
ELev=1733.65 (NAVD 88)
HORIZONTAL DATUM: ASSUMED
SEE PROJECT CONTROL TABLE
CADD FILE NAME: 1653-008-10-MISC DETAILS.dwg

SCALE
HORIZ. N/A
VERT. N/A

SELKIRK ESTATES PHASE 1
MISCELLANEOUS DETAILS

DETAILS
SHEET 10 / 10