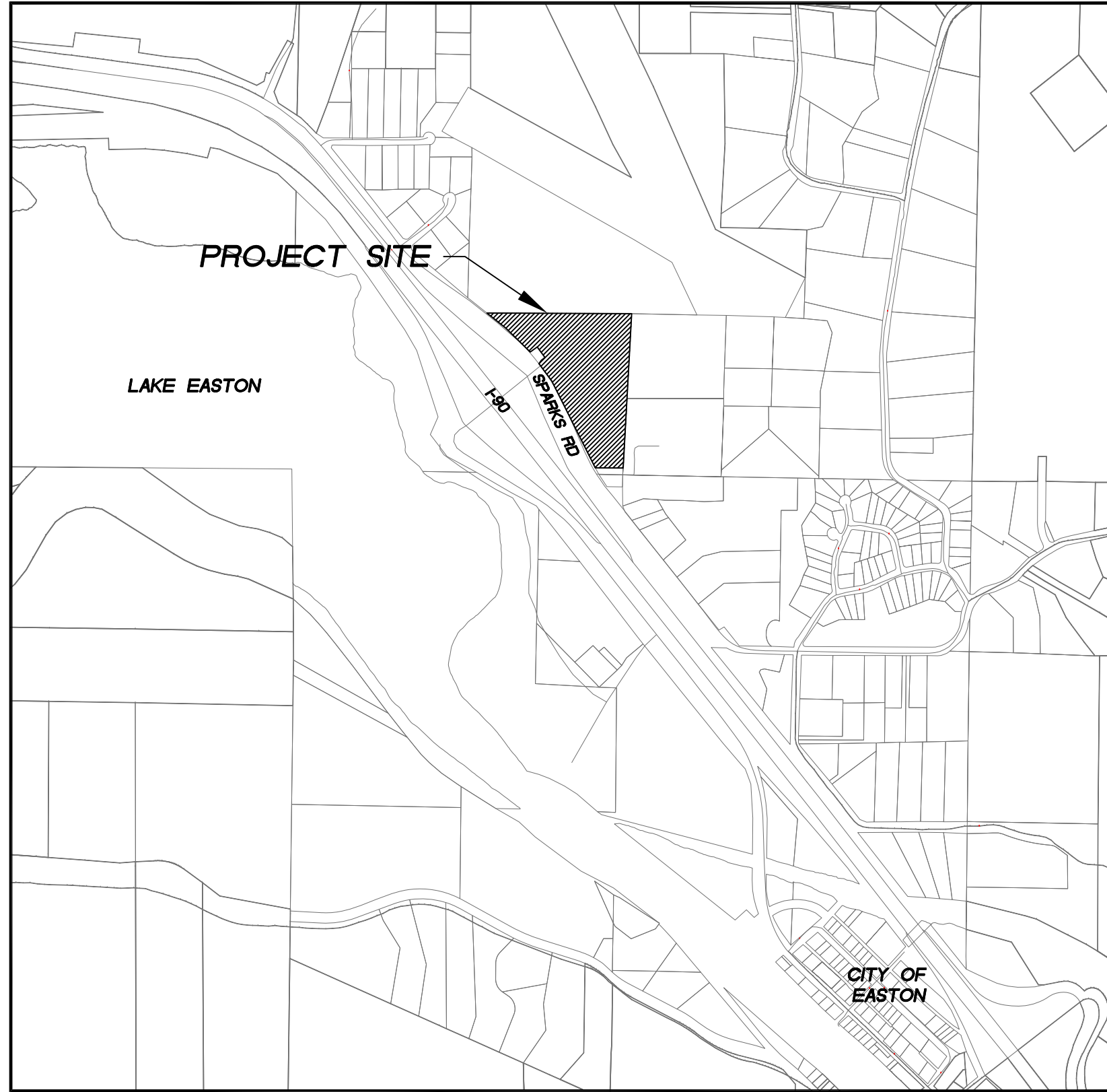
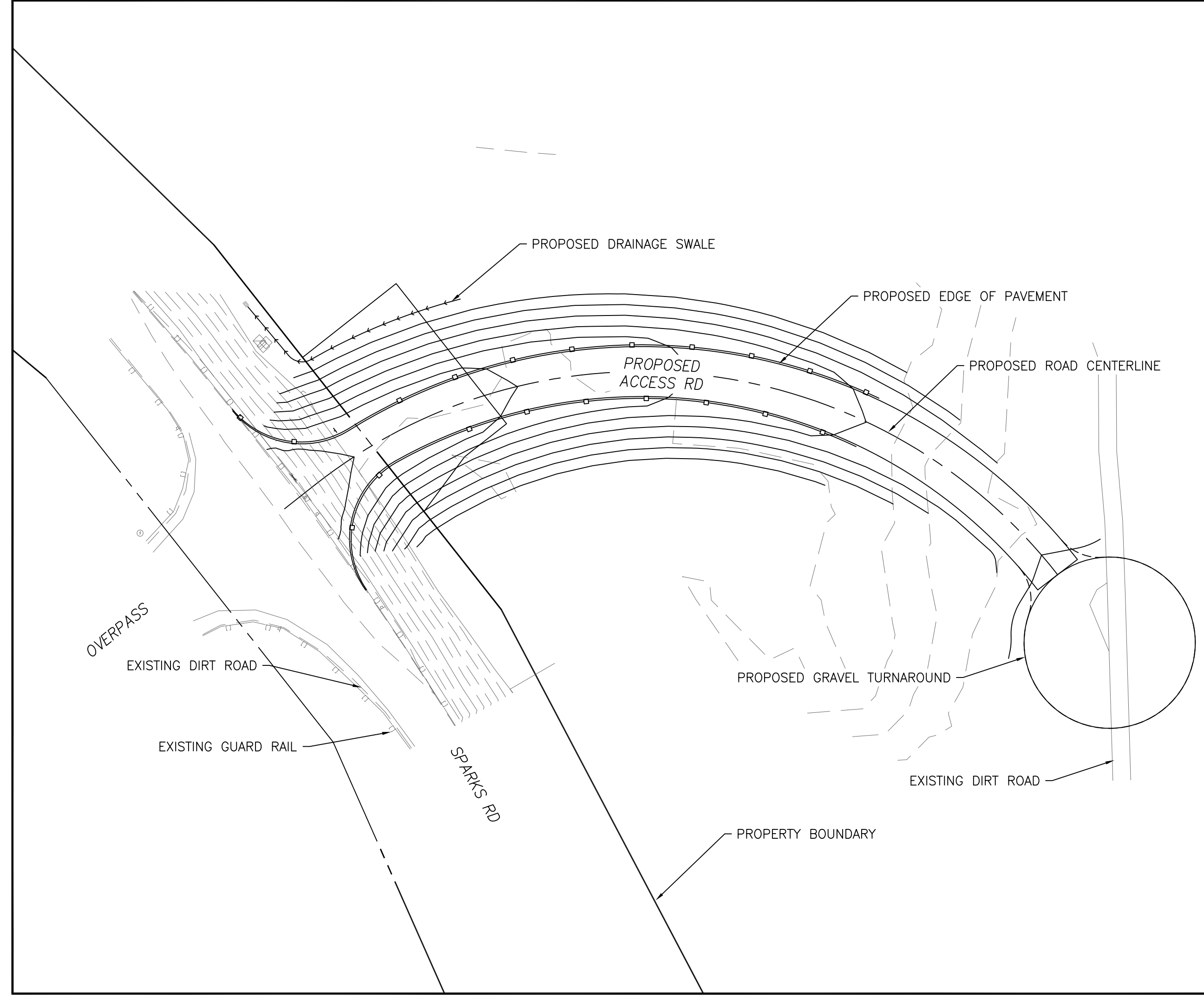


# SPARKS ROAD

PTN. OF SE 1/4 OF SW 1/4 OF SECTION 2, T.20 N., R. 13 E., W.M.  
KITITAS COUNTY, STATE OF WASHINGTON



VICINITY MAP  
SCALE: 1"=1,000'



SITE MAP  
SCALE: 1"=50'

**ABBREVIATIONS:**

AD - AREA DRAIN	IN (*) - INCHES
ADJ - ADJACENT	INV - INVERT
ANSI - AMERICAN NATIONAL STANDARDS INSTITUTE	L - LENGTH
APPROX - APPROXIMATE(LY)	LB, # - POUND(S)
ASPH - ASPHALT	LF - LINEAR FEET
ASTM - AMERICAN SOCIETY OF TESTING AND MATERIALS	MAX - MAXIMUM
BM - BENCHMARK	MH - MANHOLE
BNDY - BOUNDARY	MIN - MINIMUM
BVC - BEGINNING OF VERTICAL CURVE	N - NORTH(ING)
BVCE - BEGIN VERTICAL CURVE ELEVATION	N.T.S. - NOT TO SCALE
BVCS - BEGIN VERTICAL CURVE STATION	O.D. - OUTSIDE DIAMETER
CB - CATCH BASIN	PC - POINT OF CURVATURE
CF - CUBIC FEET (FOOT)	PI - POINT OF INTERSECTION
CIP - CAST IRON PIPE	PL - PROPERTY LINE
CL - CLASS	PT - POINT OF TANGENCY
C/L - CENTER LINE	PVC - POLYVINYL CHLORIDE
CMP - CORRUGATED METAL PIPE	PVI - POINT OF VERTICAL INTERSECTION
C, CONC - CONCRETE	PVMT - PAVEMENT
CP - CONTROL POINT	PVT - POINT OF VERTICAL TANGENT
CFS - CUBIC FEET PER SECOND	QTY - QUANTITY
CY - CUBIC YARD	RAD (R) - RADIUS
DIP - DUCTILE IRON PIPE	RCP - REINFORCED CONCRETE PIPE
DIAM(S) - DIAMETER	RD - ROAD
DOT - DEPARTMENT OF TRANSPORTATION	ROW - RIGHT-OF-WAY
DWG - DRAWING	S - SOUTH
E - EAST(ING)	SD - STORM DRAIN
EA - EACH	SF - SQUARE FOOT
EL - ELEVATION	STA - STATION
EP - EDGE OF PAVEMENT	STD - STANDARD
EVC - END OF VERTICAL CURVE	TBM - TEMPORARY BENCH MARK
EVCE - END OF VERTICAL CURVE ELEVATION	TG/RIM - TOP OF GRATE/RIM
EVCS - END OF VERTICAL CURVE STATION	TOE - TOE OF WALL, OR SLOPE
EX, EXIST - EXISTING	TOP - TOP OF WALL OR SLOPE
FT (F) - FOOT (FEET)	TYP - TYPICAL
HDPE - HIGH DENSITY POLYETHYLENE	VC - VERTICAL CURVE
ID - INSIDE DIAMETER	W - WEST
IE - INVERT ELEVATION	

**LEGEND**

	EXISTING:	PROPOSED:
BOUNDARY LINE/RIGHT-OF-WAY	---	---
LOT LINE	---	---
STREET MONUMENT (IN CONCRETE)	⊕	⊕
PROPERTY CORNER	⊙	⊙
BENCHMARK/CONTROL POINT	⊕	⊕
TEMPORARY BENCHMARK	⊕ TBM	⊕ TBM
EASEMENT LINE	---	---
CENTERLINE	---	---
CURB/GUTTER/SIDEWALK LINE	---	---
EDGE OF PAVEMENT LINE	---	---
CHAIN LINK FENCE LINE	---	---
SIGN	⊕	⊕
STREET LIGHT (ELECTROLIER)	⊕	⊕
GRADE BREAK LINE	---	---
CONTOUR LINE (MAJOR)	---1650---	---1650---
CONTOUR LINE (MINOR)	---1651---	---1651---
CATCH BASIN (TYPE 1)	⊕	⊕
STORM DRAIN MANHOLE/CATCH BASIN TYPE 2	⊕	⊕
STORM DRAIN LINE	---	---
CONTROL STRUCTURE	⊕	⊕
RIP-RAP PAD	⊕	⊕
AC PAVEMENT HATCH	▨	▨
GRAVEL HATCH	▨	▨

- STANDARD PLAN NOTES:**
- ALL WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE WSDOT/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (CURRENT EDITION).
  - A COPY OF THE APPROVED PLANS MUST BE ON SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
  - THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR WORK THAT ARE NOT PROVIDED BY THE OWNER PRIOR TO START OF CONSTRUCTION.
  - PRIOR TO ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-CONSTRUCTION MEETING WITH THE OWNER AND KITITAS COUNTY. THE CONTRACTOR SHALL NOTIFY THE OWNER'S PROFESSIONAL ENGINEERING CONSULTANT AND THE KITITAS COUNTY DEPARTMENT OF PUBLIC WORKS OF THE PRE-CONSTRUCTION MEETING TIME AND LOCATION.
  - PAVED SURFACES INCLUDING ROADWAYS, SIDEWALKS AND CURBS THAT ARE TO REMAIN BUT ARE DAMAGED BY NEW CONSTRUCTION SHALL BE REPAIRED AS REQUIRED BY THE INSPECTOR.
  - ALL SURVEYING AND STAKING OF IMPROVEMENTS SHALL BE APPROVED BY THE OWNER. CONTRACTOR SHALL COORDINATE AND VERIFY WITH THE OWNER PRIOR TO OBTAINING STAKING SERVICES.
  - THE CONTRACTOR SHALL NOTIFY KITITAS COUNTY FIRE AND RESCUE TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL WATER SERVICE INTERRUPTIONS, HYDRANT SHUT-OFFS, AND STREET CLOSURES OR OTHER ACCESS BLOCKAGE. THE CONTRACTOR SHALL ALSO NOTIFY THE DISTRICT OF ALL NEW, RELOCATED, OR ELIMINATED HYDRANTS RESULTING FROM THIS WORK.
  - ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
  - THE CONTRACTOR SHALL LOCATE AND PROTECT ALL ACTIVE CASTINGS AND UTILITIES DURING CONSTRUCTION AND SHALL CONTACT THE UNDERGROUND UTILITIES LOCATOR SERVICE (1-800-424-5555 OR 811) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
  - THE CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLE RIMS, DRAINAGE STRUCTURE LIDS, VALVE BOXES AND UTILITY ACCESS STRUCTURES TO FINISH GRADE WITHIN AREAS AFFECTED BY THE PROPOSED IMPROVEMENTS.
  - THE CONTRACTOR SHALL PROVIDE FOR ALL COMPACTION TESTS REQUIRED BY THE INSPECTOR.
  - BACKFILL MATERIAL SHALL MEET KITITAS COUNTY STANDARDS AND THE GEOTECHNICAL ENGINEERS RECOMMENDATIONS AND SHALL BE APPROVED BY THE COUNTY PRIOR TO BACKFILLING.
  - INSPECTION AND ACCEPTANCE OF ALL WORK WILL BE ACCOMPLISHED BY THE COUNTY INSPECTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND SCHEDULE APPROPRIATE INSPECTIONS, ALLOWING PROPER ADVANCE NOTICE. THE INSPECTOR MAY REQUIRE RECONSTRUCTION OF ITEMS THAT DO NOT MEET THE CONTRACT DOCUMENTS OR THAT WERE CONSTRUCTED WITHOUT INSPECTION.
  - THE CONTRACTOR SHALL PROVIDE AND MAINTAIN BEST MANAGEMENT PRACTICES AS SHOWN HEREIN TO INSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE WATERS OF THE STATE. AS CONSTRUCTION PROGRESSES AND UNEXPECTED (SEASONAL) CONDITIONS DICTATE, ADDITIONAL BEST MANAGEMENT PRACTICES MAY BE REQUIRED.

- THE CONTRACTOR SHALL PROTECT ALL EXISTING SITE FEATURES AND UTILITIES UNLESS OTHERWISE SPECIFIED.
- APPROVAL OF THIS TEMPORARY EROSION AND SEDIMENTATION CONTROL (TESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- THE IMPLEMENTATION OF THESE TESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE TESCO FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT OR TESCO SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY A CONTINUOUS LENGTH OF SURVEY TAPE (OR FENCING, IF REQUIRED) PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/TESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
- THE TESCO FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, AND ADJACENT PROPERTIES IS MINIMIZED.
- THE TESCO FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESCO FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G. ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.).
- ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TEN DAYS DURING THE WET SEASON OR FOURTEEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED TESCO METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
- ANY AREA NEEDING TESCO MEASURES, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN FIFTEEN (15) DAYS.
- THE TESCO FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN 48 HOURS FOLLOWING A STORM EVENT.
- STABILIZED CONSTRUCTION ENTRANCES AND ROADS SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE PERMANENT FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE TEMPORARY FACILITY MUST BE GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST ONE FOOT ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY.
- WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO INCHES.
- PRIOR TO APPLYING HYDROSEEDING MIX, THE AREA SHALL RECEIVE A LAYER OF TOPSOIL TO ENCOURAGE SEED AND PLANT GROWTH.
- THIS TESCO IS CONSIDERED A PART OF THE STORM WATER POLLUTION PREVENTION REPORT FOR THIS PROJECT. THE CONTRACTOR SHALL RETAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND REPORT ON-SITE AT ALL TIMES.
- CONTRACTOR'S STAGING AREA AND STOCKPILE AREAS SHALL BE DETERMINED AND DESIGNATED PRIOR TO START OF CONSTRUCTION. GESCL TO COORDINATE AND MOVE THESE AREAS AS CONSTRUCTION PROGRESSES.
- ALL CONCRETE WORK AND SAWCUTTING SHALL FOLLOW DOE'S BEST MANAGEMENT PRACTICES.

**CONTRACTOR RESPONSIBILITY:**  
CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

**DISCREPANCIES:**  
IF THERE ARE ANY DISCREPANCIES BETWEEN DIMENSIONS IN DRAWINGS AND EXISTING CONDITIONS WHICH WILL AFFECT THE WORK, THE CONTRACTOR SHALL BRING SUCH DISCREPANCIES TO THE ATTENTION OF THE ENGINEER FOR ADJUSTMENT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF ALL WORK AND FOR THE COORDINATION OF ALL TRADES, SUBCONTRACTORS, AND PERSONS ENGAGED UPON THIS CONTRACT.

- GENERAL TESCO NOTES:**
- CONTRACTOR SHALL PROTECT ALL EXISTING SITE FEATURES AND UTILITIES UNLESS OTHERWISE SPECIFIED.
  - APPROVAL OF THIS TEMPORARY EROSION AND SEDIMENTATION CONTROL (TESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
  - THE IMPLEMENTATION OF THESE TESCO PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE TESCO FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT OR TESCO SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
  - THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY A CONTINUOUS LENGTH OF SURVEY TAPE (OR FENCING, IF REQUIRED) PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/TESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
  - THE TESCO FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, AND ADJACENT PROPERTIES IS MINIMIZED.
  - THE TESCO FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESCO FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G. ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.).
  - ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TEN DAYS DURING THE WET SEASON OR FOURTEEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED TESCO METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
  - ANY AREA NEEDING TESCO MEASURES, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN FIFTEEN (15) DAYS.
  - THE TESCO FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN 48 HOURS FOLLOWING A STORM EVENT.
  - STABILIZED CONSTRUCTION ENTRANCES AND ROADS SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
  - ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE PERMANENT FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE TEMPORARY FACILITY MUST BE GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST ONE FOOT ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY.
  - WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO INCHES.
  - PRIOR TO APPLYING HYDROSEEDING MIX, THE AREA SHALL RECEIVE A LAYER OF TOPSOIL TO ENCOURAGE SEED AND PLANT GROWTH.
  - THIS TESCO IS CONSIDERED A PART OF THE STORM WATER POLLUTION PREVENTION REPORT FOR THIS PROJECT. THE CONTRACTOR SHALL RETAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND REPORT ON-SITE AT ALL TIMES.
  - CONTRACTOR'S STAGING AREA AND STOCKPILE AREAS SHALL BE DETERMINED AND DESIGNATED PRIOR TO START OF CONSTRUCTION. GESCL TO COORDINATE AND MOVE THESE AREAS AS CONSTRUCTION PROGRESSES.
  - ALL CONCRETE WORK AND SAWCUTTING SHALL FOLLOW DOE'S BEST MANAGEMENT PRACTICES.

**GESCL:**  
T.B.D.

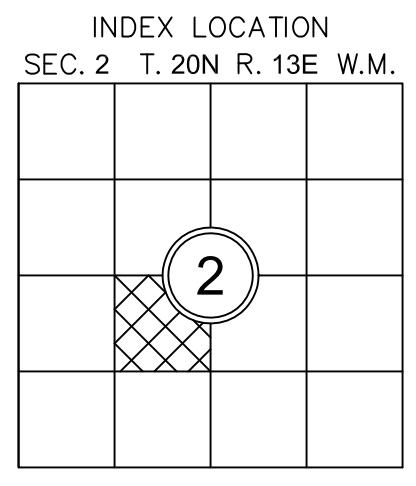
**PROJECT TEAM:**

**OWNER:** NATHAN WEIS  
PO BOX 246  
RONALD, WA 98940  
PHONE: 509-649-2211

**ENGINEER/SURVEYOR:** ENCOMPASS ENGINEERING & SURVEYING  
407 SWIFTWATER BLVD  
CLE ELUM, WA 98922  
PHONE: 509-674-7433  
FAX: 509-674-7419

**SHEET INDEX:**

TITLE	NO.
COVER SHEET	C1.0
EXISTING CONDITIONS & CLEARING AND TESCO PLAN	C2.0
GRADING AND DRAINAGE PLAN	C3.0
ROAD PLAN AND PROFILE	C4.0
NOTES & DETAILS	C5.0

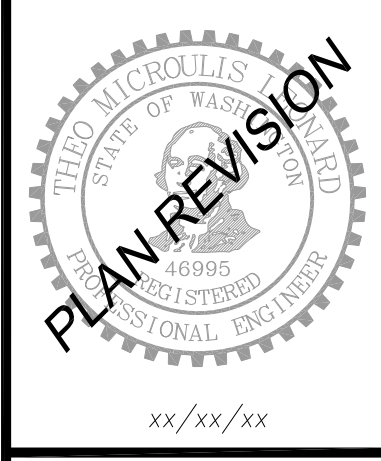


**KITITAS COUNTY**  
APPROVED FOR CONSTRUCTION

COUNTY ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

**REVISIONS**

DESCRIPTION	BY	DATE



SPARKS ROAD  
NATHAN WEIS  
COVER SHEET

**Encompass**  
ENGINEERING & SURVEYING

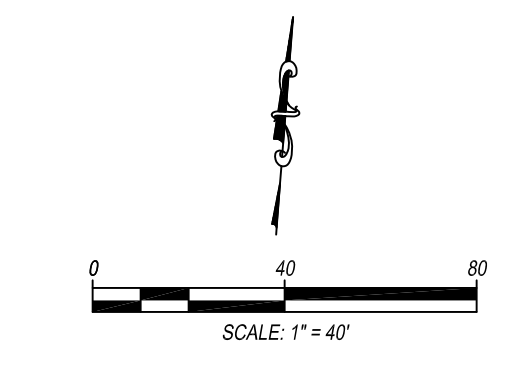
Western Washington Division  
165 NE Juniper Street, Suite 201 • Issaquah, WA 98027 • Phone: (425) 392-0250 • Fax: (425) 391-1055  
Eastern Washington Division  
407 Swiftwater Blvd. • Cle Elum, WA 98922 • Phone: (509) 674-7433 • Fax: (509) 674-7419

JOB NO.	17174
DATE	DEC. 2017
SCALE	AS NOTED
DESIGNED	SF
DRAWN	SF
CHECKED	TML \MKK
APPROVED	TML
SHEET	C1.0

A:\17174\ENGINEERING\24. SHEETS\17174\_C1.0\_Cover.dwg 11/27/2017 12:46:35 PM



**SPARKS ROAD**  
 PTN. OF SE 1/4 OF SW 1/4 OF SECTION 2, T.20 N., R. 13 E., W.M.  
 KITTITAS COUNTY, STATE OF WASHINGTON

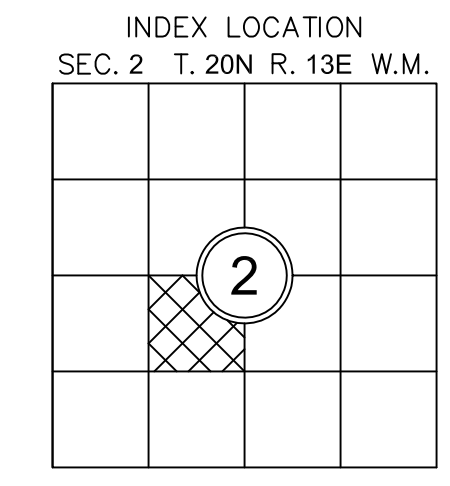


**RECOMMENDED CONSTRUCTION SEQUENCE:**

- (1) PRE-CONSTRUCTION MEETING.
- (2) GRADE AND INSTALL CONSTRUCTION ENTRANCE(S).
- (3) INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).
- (4) GRADE AND STABILIZE CONSTRUCTION ROADS.
- (5) CONSTRUCT SURFACE WATER CONTROLS (INTERCEPTOR DIKES, PIPE, SLOPE DRAINS, ETC.), SIMULTANEOUSLY WITH CLEARING AND GRADING FOR PROJECT DEVELOPMENT.
- (6) MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH PLANS & DOE "BEST MANAGEMENT PRACTICES".
- (7) RELOCATE EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE, THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE.
- (8) COVER ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN TEN DAYS DURING THE DRY SEASON OR FIVE DAYS DURING THE WET SEASON WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING OR EQUIVALENT.
- (9) STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN SEVEN DAYS.
- (10) SEED OR SOD ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS.
- (11) UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BMP'S REMOVED IF APPROPRIATE.

**SHEET NOTES**

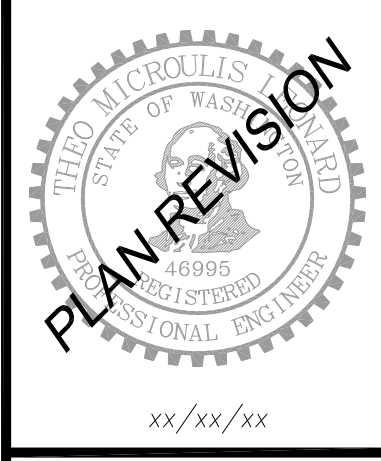
- (1) ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE DURING CONSTRUCTION ACTIVITIES.
- (2) EXISTING UTILITY ALIGNMENTS TO BE VERIFIED AND ADDRESSED AS NEEDED.



**KITTITAS COUNTY**  
 APPROVED FOR CONSTRUCTION

COUNTY ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

REVISIONS	DESCRIPTION	BY	DATE



**SPARKS ROAD**  
 NATHAN WEIS  
 EXISTING CONDITIONS & CLEARING AND TESC PLAN

**Encompass**  
 ENGINEERING & SURVEYING

Western Washington Division  
 165 NE Juniper Street, Suite 201 • Issaquah, WA 98027 • Phone: (253) 392-0250 • Fax: (253) 391-3055  
 Eastern Washington Division  
 407 Stillwater Blvd. • Cle Elum, WA 98922 • Phone: (509) 674-7433 • Fax: (509) 674-7419

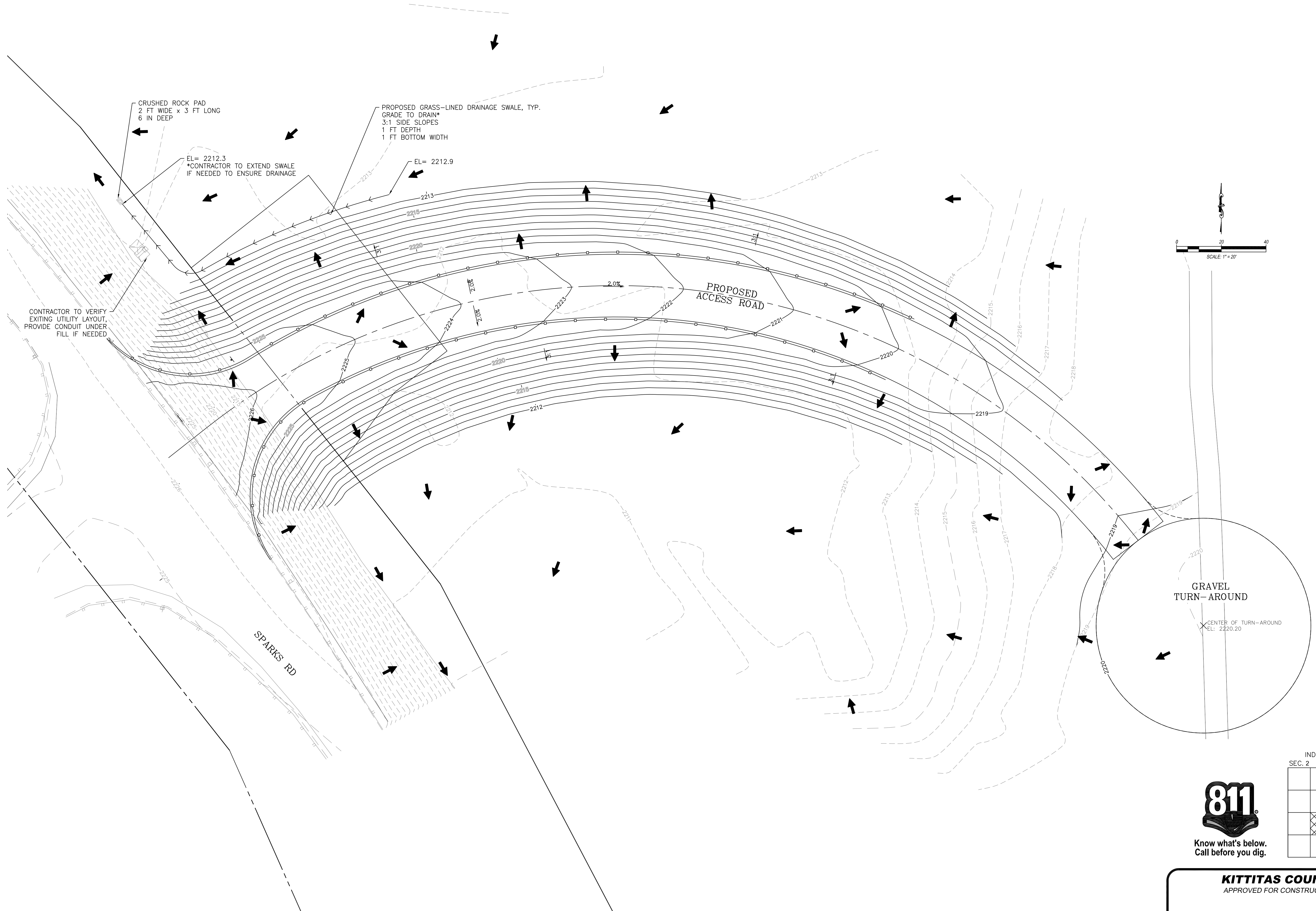
JOB NO.	17174
DATE	DEC. 2017
SCALE	1" = 40'
DESIGNED	SF
DRAWN	SF
CHECKED	TML \MKK
APPROVED	TML
SHEET	C2.0

A:\17174\ENGINEERING\PLAN SHEETS\17174\_C2.0\_Clearing and TESC\_Plan.dwg 11/21/2017 12:50:08 PM

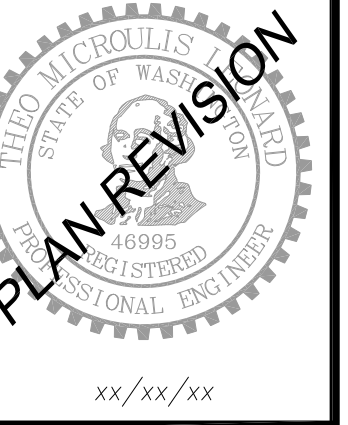


# SPARKS ROAD

PTN. OF SE 1/4 OF SW 1/4 OF SECTION 2, T.20 N., R. 13 E., W.M.  
KITTITAS COUNTY, STATE OF WASHINGTON



REVISIONS	DESCRIPTION	BY	DATE

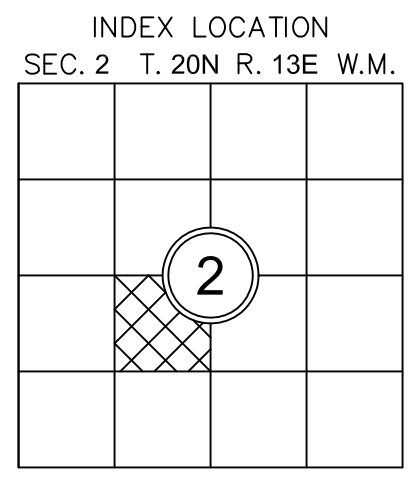


SPARKS ROAD  
NATHAN WEIS  
GRADING AND DRAINAGE PLAN

**Encompass**  
ENGINEERING & SURVEYING

Western Washington Division  
165 NE Juniper Street, Suite 201 • Issaquah, WA 98027 • Phone: (253) 392-0250 • Fax: (253) 391-3055  
Eastern Washington Division  
407 Stillwater Blvd. • Cle Elum, WA 98922 • Phone: (509) 674-7433 • Fax: (509) 674-7419

JOB NO.	17174
DATE	DEC. 2017
SCALE	1" = 20'
DESIGNED	SF
DRAWN	SF
CHECKED	TML/MKK
APPROVED	TML
SHEET	C3.0

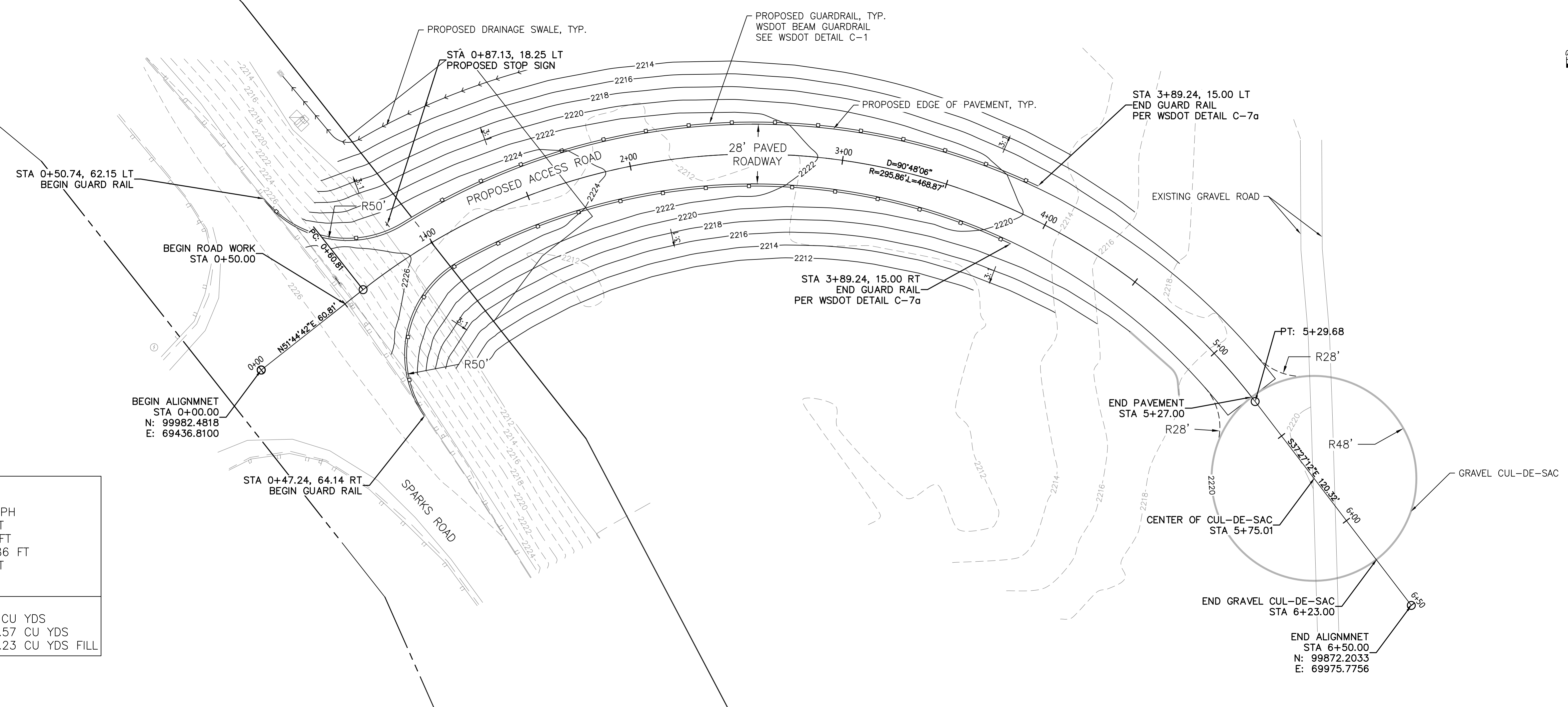
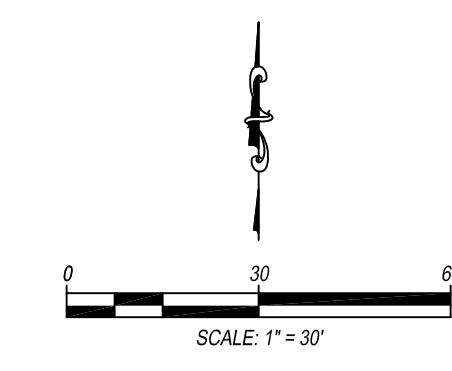


**KITTITAS COUNTY**  
APPROVED FOR CONSTRUCTION

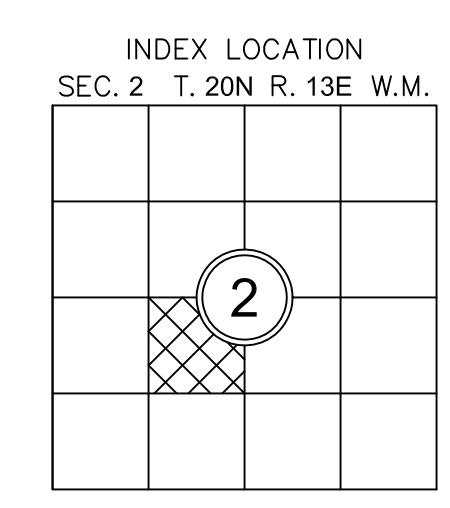
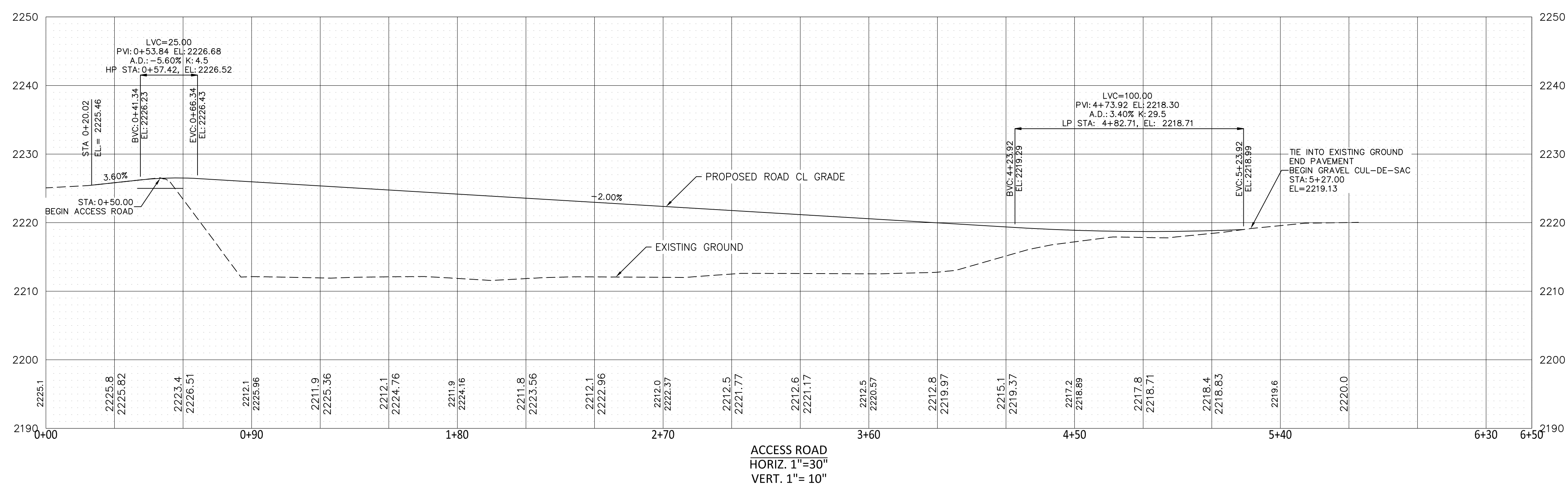
COUNTY ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

A:\17174\ENGINEERING\PLAN SHEETS\17174\_C3.0\_Grading and Drainage\_Plan.dwg 11/27/2017 1:34:58 PM

**SPARKS ROAD**  
 PTN. OF SE 1/4 OF SW 1/4 OF SECTION 2, T.20 N., R. 13 E., W.M.  
 KITTITAS COUNTY, STATE OF WASHINGTON



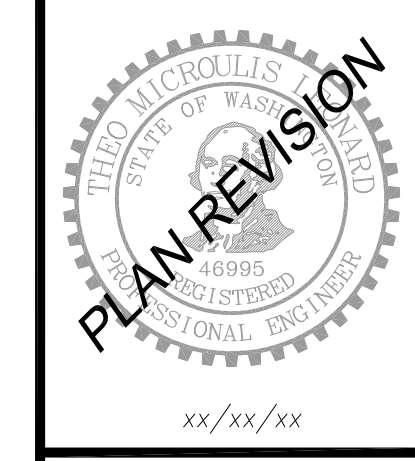
DESIGN GUIDE	
ASSUMED DESIGN SPEED=	25 MPH
PAVED ROAD WIDTH=	28 FT
PAVED ROAD LENGTH=	477 FT
CURVE RADIUS=	295.86 FT
CUL-DE-SAC RADIUS=	48 FT
FILL SLOPES=	3:1
<b>EARTHWORK</b>	
CUT	1.34 CU YDS
FILL	8753.57 CU YDS
NET	8752.23 CU YDS FILL



**KITTITAS COUNTY**  
 APPROVED FOR CONSTRUCTION

COUNTY ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

REVISIONS	DESCRIPTION	BY	DATE



**SPARKS ROAD**  
 NATHAN WEIS  
 ROAD PLAN AND PROFILE

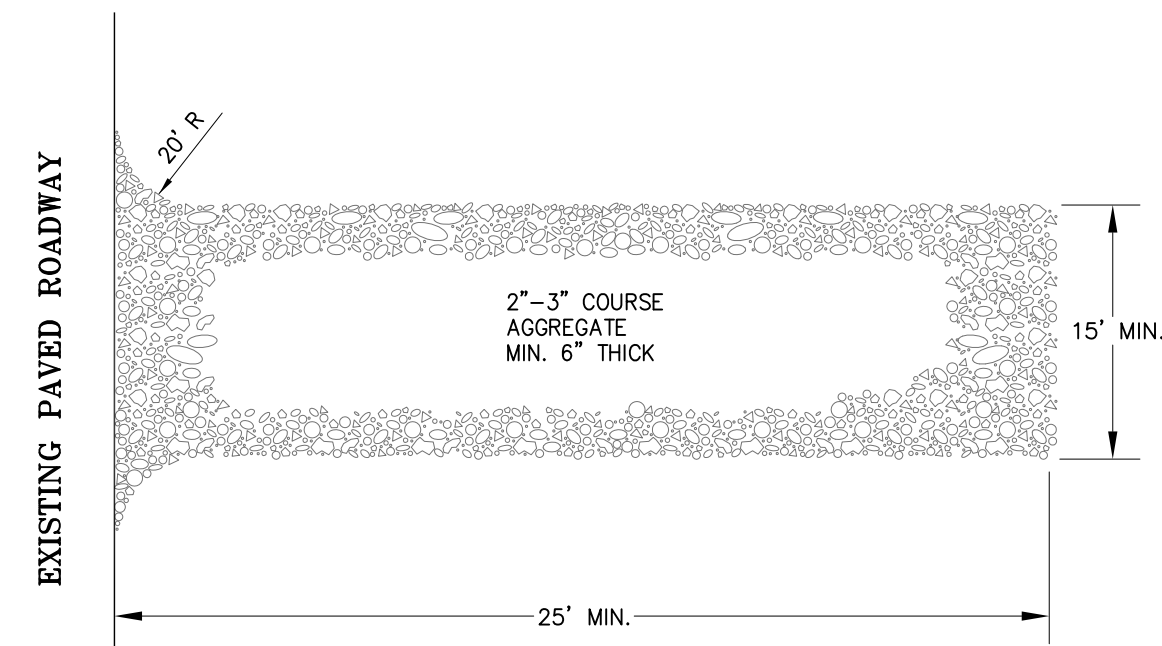
**Encompass**  
 ENGINEERING & SURVEYING

Western Washington Division  
 165 NE Juniper Street, Suite 201 • Issaquah, WA 98027 • Phone: (206) 392-0250 • Fax: (206) 391-3055  
 Eastern Washington Division  
 407 Swilwater Blvd. • Cle Elum, WA 98922 • Phone: (509) 674-7433 • Fax: (509) 674-7419

JOB NO.	17174
DATE	DEC. 2017
SCALE	1" = 30'
DESIGNED	SF
DRAWN	SF
CHECKED	TML / MKK
APPROVED	TML
SHEET	C4.0

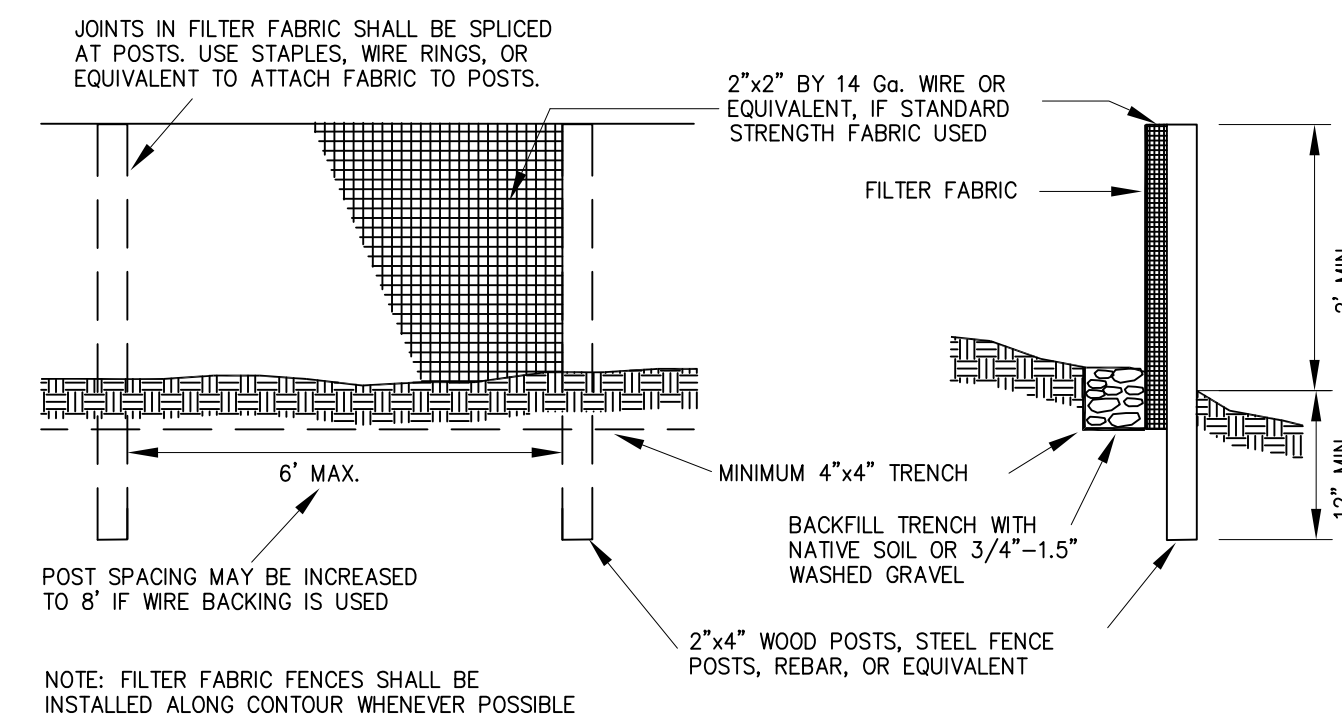
A:\17174\ENGINEERING\PLAN SHEETS\17174\_C4.0\_Road Plan and Profile.dwg 11/27/2017 2:05:16 PM

**SPARKS ROAD**  
 PTN. OF SE 1/4 OF SW 1/4 OF SECTION 2, T.20 N., R. 13 E., W.M.  
 KITTITAS COUNTY, STATE OF WASHINGTON



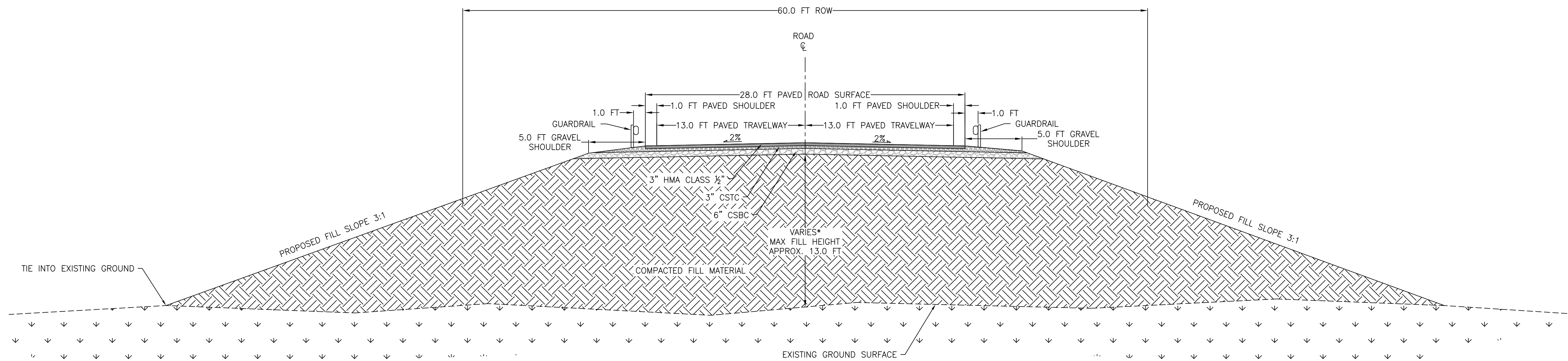
- NOTES:**
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
  2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
  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.

**STABILIZED CONSTRUCTION ENTRANCE**  
 N.T.S.

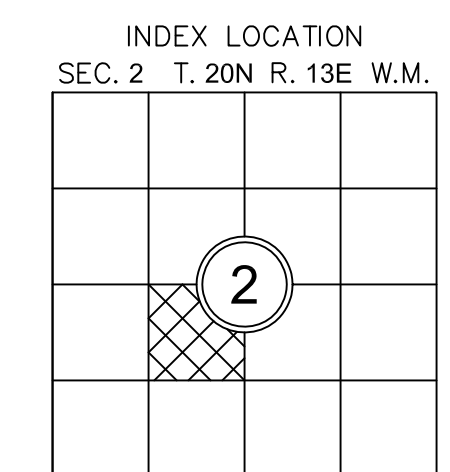


NOTE: FILTER FABRIC FENCES SHALL BE INSTALLED ALONG CONTOUR WHENEVER POSSIBLE

**SILT FENCE DETAIL**  
 N.T.S.



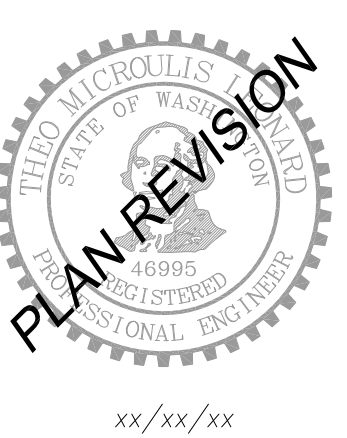
**TYPICAL ROAD SECTION**  
 N.T.S.



**KITTITAS COUNTY**  
 APPROVED FOR CONSTRUCTION

COUNTY ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

REVISIONS	DESCRIPTION	BY	DATE



**SPARKS ROAD**  
 NATHAN WEIS  
 STANDARD DETAILS AND NOTES

**Encompass**  
 ENGINEERING & SURVEYING

Western Washington Division  
 165 NE Juniper Street, Suite 201 • Issaquah, WA 98027 • Phone: (206) 392-0250 • Fax: (206) 391-3055  
 Eastern Washington Division  
 407 Stillwater Blvd. • Cle Elum, WA 98922 • Phone: (509) 674-7133 • Fax: (509) 674-7419

JOB NO.	17174
DATE	DEC. 2017
SCALE	NA
DESIGNED	SF
DRAWN	SF
CHECKED	TML/MKK
APPROVED	TML
SHEET	C5.0

A:\17174\ENGINEERING\PLAN SHEETS\17174\_C5.0\_Standard Details and Notations.dwg 11/27/2017 2:16:07 PM