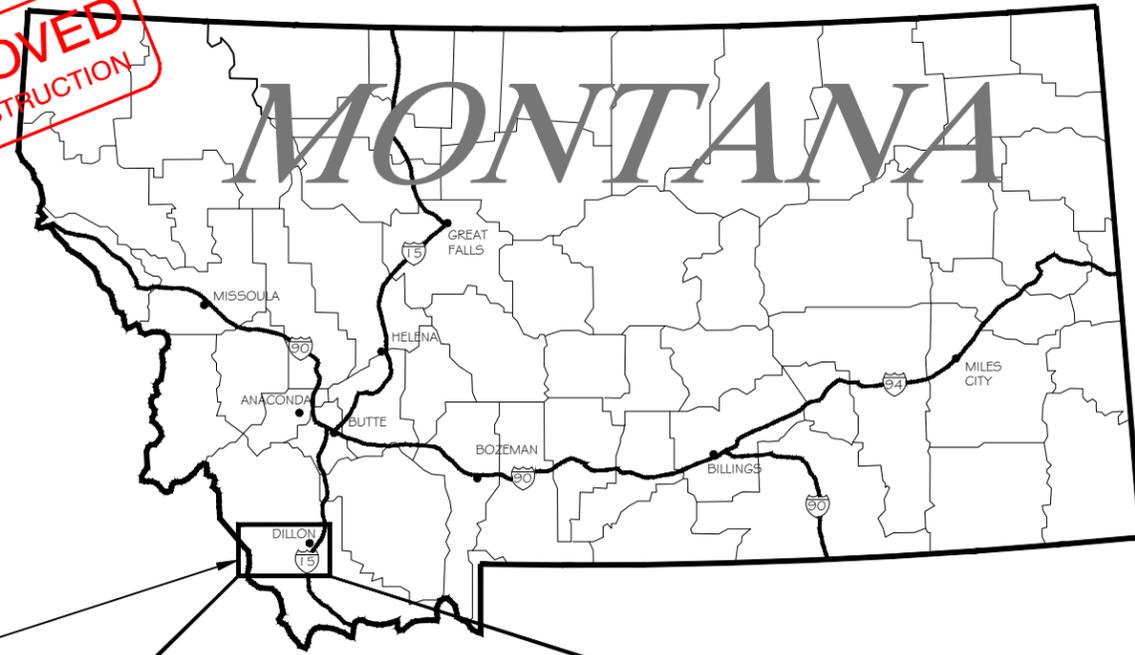


**APPROVED
FOR CONSTRUCTION**

MONTANA



PROJECT
LOCATION

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS

SELWAY CREEK FISH BARRIER BEAVERHEAD COUNTY, MT

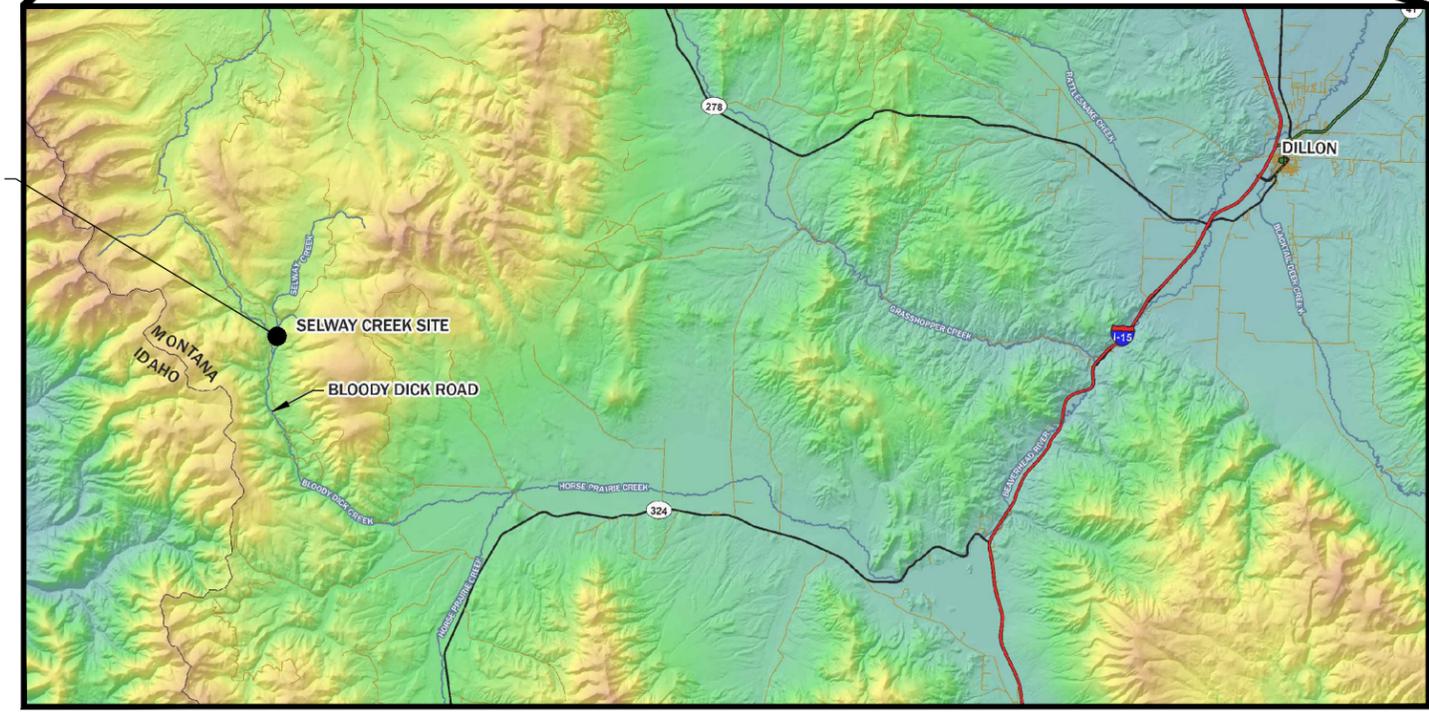
PREPARED BY

PIONEER TECHNICAL SERVICES, INC.
DATE: 08/30/19

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET AND INDEX
2	LEGEND AND ABBREVIATIONS
3	FISH BARRIER SITE PLAN
4	FISH BARRIER EXCAVATION PLAN
5	FISH BARRIER STRUCTURE PLAN
6	FISH BARRIER CROSS SECTION AND PROFILE
7	FISH BARRIER BACKFILL PLAN
8	STRUCTURAL DETAILS
9	STRUCTURAL DETAILS
10	FISH BARRIER BACKFILL TYPICAL SECTIONS AND DETAILS
11	FISH BARRIER BACKFILL TYPICAL SECTIONS AND DETAILS

FISH BARRIER
LOCATION



SITE VICINITY MAP
SOURCE: USGS

**APPROVED FOR
CONSTRUCTION**

George E. Austiguy

08/30/19
DATE

CERTIFICATION BY
ENGINEER

08-30-19

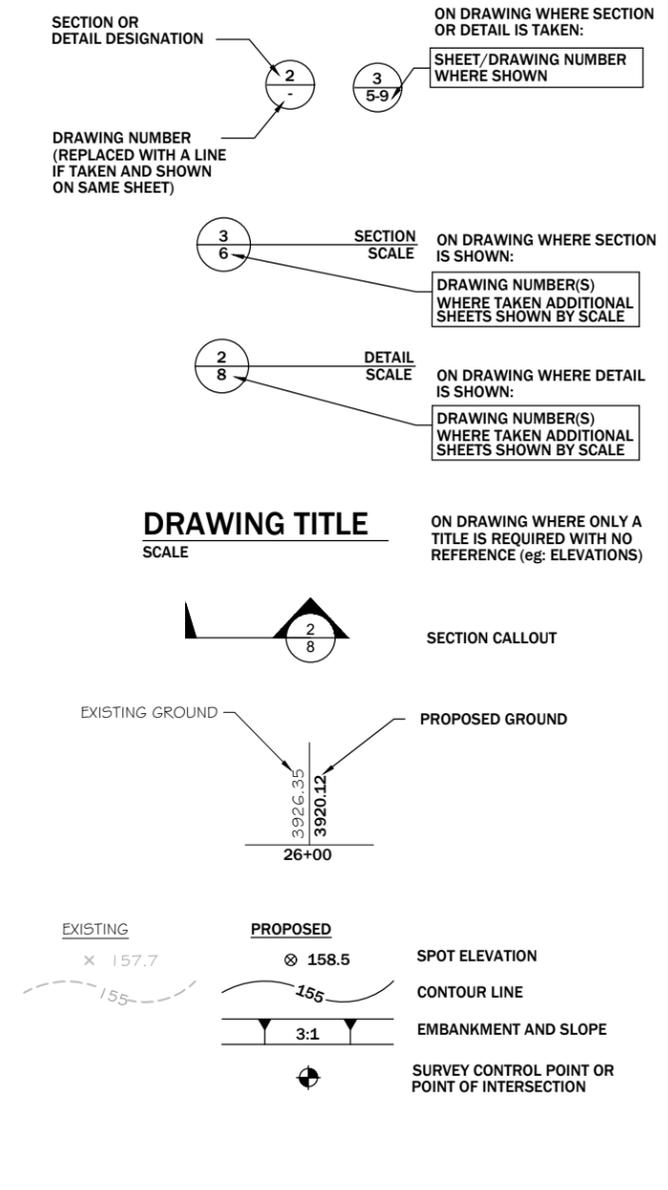
SHEET
1

ABBREVIATIONS

AB	ANCHOR BOLT, ABOVE	FLG	FLANGE	PRES	PRESSURE
ABDN	ABANDON	FL	FLOOR	PRI	PRIMARY
AC	ASPHALTIC CONCRETE	FLEX	FLEXIBLE	PROP	PROPERTY
AD	AD DRAIN	FINSH	FINISH	PSF	POUNDS PER SQUARE FOOT
ADDL	ADDITIONAL	FOB	FLAT ON BOTTOM	PSI	POUNDS PER SQUARE INCH
ADJ	ADJACENT	FP	FIELD PANEL	PSIG	POUNDS PER SQUARE INCH, GAUGE
AGGR	AGGREGATE	FPL	FROST PROTECTION LAYER	PT	POINT OF TANGENCY
AHR	ANCHOR	FPM	FEET PER MINUTE	PT	PRESSURE TREATED
AJ	ADJUSTABLE	FT	FOOT OR FEET	PVI	POINT OF VERTICAL INTERSECTION
APPROX	APPROXIMATE	FWD	FORWARD	PVMT	PAVEMENT
APVD	APPROVED	G, GND	GROUND	PVT	POINT OF VERTICAL TANGENCY
AUTO	AUTOMATIC	GA	GAUGE	R OR RAD	RADIUS
AUX	AUXILIARY	GAL	GALLON	RC	REINFORCED CONCRETE
AVG	AVERAGE	GALV	GALVANIZED	RDCR	REDUCER
@	AT	GC	GROOVED COUPLING	REF	REFER OR REFERENCE
BETW	BETWEEN	GCL	GEOSYNTHETIC CLAY LINER	REINF	REINFORCED, REINFORCING, REINFORCE
BF	BLIND FLANGE, BOTTOM FACE	GVL	GRAVEL	REQD	REQUIRED
BG	BELOW GRADE	HDPE	HIGH DENSITY POLYETHYLENE	RH	RIGHT HAND
BLDG	BUILDING	HH	HANDHOLE	RHR	RIGHT HAND REVERSE
BLK	BLOCK	HORIZ	HORIZONTAL	RPE	REINFORCED POLYETHYLENE
BM	BEAM, BENCHMARK	HP	HORSEPOWER	RST	REINFORCING STEEL
BOT	BOTTOM	HPT	HIGH POINT	RT	RIGHT
BRG	BEARING	HWL	HIGH WATER LEVEL	RTN	RETURN
BRKR	BREAKER	IE	INVERT ELEVATION	R/W	RIGHT OF WAY
BVC	BEGINNING OF VERTICAL CURVE	I.F.	INSIDE FACE	S	SWITCH
C	CONDUIT, CASEMENT	IN	INCH(ES)	SB	SEDIMENT BASIN
C TO C	CENTER TO CENTER	INVT	INVERT	SCHED	SCHEDULE
CAB	CABINET	IP	INLET PROTECTION	SEC	SECONDARY
CB	CATCH BASIN, CIRCUIT BREAKER	IRRIG	IRRIGATION	SED	SEDIMENTATION
CC	CONTROL CABLE	JB	JUNCTION BOX	SH	SHEET
CCL	COMPACTED CLAY LAYER	JCT	JUNCTION	SIM	SIMILAR
CCP	CENTRAL CONTROL PANEL	JT	JOINT	SPEC, SPECS	SPECIFICATIONS
CCS	CENTRAL CONTROL SYSTEM	L	ANGLE, LENGTH	SQ	SQUARE
CDN	COMPOSITE DRAINAGE NET	LB(S)	POUND(S)	SQ FT	SQUARE FOOT, FEET
CIP	CAST IN PLACE	LDS	LEAK DETECTION SYSTEM	SQ IN	SQUARE INCH
CIP	CULVERT INLET PROTECTION	LF	LINEAR FEET	ST	STRAIGHT
CJ	CONSTRUCTION JOINT	LG	LONG	STA	STATION
CL	CENTERLINE	LONG	LONGITUDINAL	STD	STANDARD
CLSF	CONTROLLED LOW STRENGTH FILL	LP	LIGHT POLE	STL	STEEL
CLR	CLEAR, CLEARANCE	LPT	LOW POINT	STRUCT	STRUCTURE
CMP	CORRUGATED METAL PIPE	LR	LONG RADIUS	T&B	TOP AND BOTTOM
CO	CLEANOUT, CARBON MONOXIDE	LT	LEFT	TAN	TANGENT
CONC	CONCRETE	LTG, LTS	LIGHTS OR LIGHTING	TBC	TEMPORARY BYPASS CHANNEL
CONN	CONNECTION	MATL	MATERIAL	TECH	TECHNICAL
CONSTR	CONSTRUCTION	MAX	MAXIMUM	TEL	TELEPHONE
CONT	CONTINUED, CONTINUATION	MECH	MECHANICAL	TEMP	TEMPORARY, TEMPERATURE
COORD	COORDINATE	MFD	MANUFACTURED	THK	THICKNESS
CP	CONTROL POINT	MFR	MANUFACTURER	THRU	THROUGH
CRS	COLD ROLLED STEEL	MH	MANHOLE, MOUNTING HEIGHT	TOC	TOP OF CONCRETE
CRS	CONSTRUCTION ROAD STABILIZATION	MIN	MINIMUM	TOS	TOP OF SLAB
CTR	CENTER	MISC	MISCELLANEOUS	TOW	TOP OF WALL
CTRD	CENTERED	MS	MANUFACTURER'S STANDARD	TP	TURNING POINT
CU	CUBIC	MT	MOUNT	TP	TRANSVERSE
CU FT	CUBIC FOOT	MTD	MOUNTED	TX	TRANSFORMER
CU IN	CUBIC INCH	MTG	MOUNTING	TYP	TYPICAL
CY, CU YD	CUBIC YARD	MU	MULCHING	UON	UNLESS OTHERWISE NOTED
DET	DETAIL	MWS	MAXIMUM WATER SURFACE	VC	VERTICAL CURVE
DIA	DIAMETER	N	NORTH	VERT	VERTICAL
DIAG	DIAGONAL	NA	NOT APPLICABLE	VPC	POINT OF VERTICAL CURVATURE
DIR	DIRECTION	NEUT	NEUTRAL	VPI	POINT OF VERTICAL INTERSECTION
DISCH	DISCHARGE	NG	NATURAL GAS	VPT	POINT OF VERTICAL TANGENT
DWG	DRAWING	NGVD	NATIONAL GEODETIC VERTICAL DATUM	W	WEST
△	DELTA	NIC	NOT IN CONTRACT	W/	WITH
E	EAST, EMPTY	N.O.	NORMALLY OPEN		
EA	EACH	NO., #	NUMBER		
EF	EACH FACE	NOM	NOMINAL		
EL	ELEVATION	N-S	NORTH - SOUTH		
ELB	ELBOW	NTS	NOT TO SCALE		
ELC	ELECTRICAL LOAD CENTER	OC	ON CENTER		
ELEC	ELECTRIC, ELECTRICAL	OD	OUTSIDE DIAMETER		
ENGR	ENGINEER	OF	OVERFLOW		
EQL SP	EQUALLY SPACED	O.F.	OUTSIDE FACE		
EQPT	EQUIPMENT	OPNG	OPENING		
ESC	EROSION AND SEDIMENT CONTROL	OPP	OPPOSITE		
EVC	END OF VERTICAL CURVE	OZ	OUNCE		
EW	EACH WAY	PC	POINT OF CURVE		
EXP	EXPANSION, EXPOSED	PCF	POUNDS PER CUBIC FOOT		
EXP AB	EXPANSION ANCHOR BOLT	PI	POINT OF INTERSECTION		
EXP JT	EXPANSION JOINT	PJF	PREMOULDED JOINT FILLER		
EXST, EXIST	EXISTING	PL	PROPERTY LINE		
EXT	EXTERIOR	PLYWD	PLYWOOD		
FC	FLEXIBLE CONDUIT/ CONNECTOR	PMP	PUMP		
FCA	FLANGED COUPLING ADAPTER	PNL	PANEL		
FDN	FOUNDATION	POE	POINT OF ENDING		
FG	FINISH GRADE	PP	POWER POLE		
FHY	FIRE HYDRANT	PR	PAIR		
FIG	FIGURE	PRC	POINT OF REVERSE CURVE		
FL	FLOW LINE	PRCST	PRECAST		



LEGEND



NOTES:
1. CONTACT ENGINEER FOR ABBREVIATIONS USED BUT NOT SHOWN ON THIS DRAWING.

GENERAL SITE

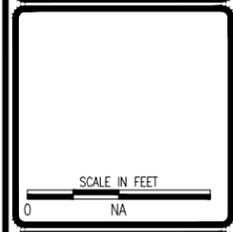
- SOURCE OF TOPOGRAPHY SHOWN ON THE CIVIL PLANS ARE FROM LIMITED SURVEY DATA. EXISTING CONDITIONS MAY VARY FROM THOSE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND ADJUST WORK PLAN ACCORDINGLY PRIOR TO BEGINNING CONSTRUCTION.
- EXISTING TOPOGRAPHY, STRUCTURES, AND SITE FEATURES ARE SHOWN SCREENED AND/OR LIGHT-LINED. NEW FINISH GRADE, STRUCTURES, AND SITE FEATURES ARE SHOWN HEAVY-LINED.
- HORIZONTAL DATUM: NAD 83, MONTANA STATE PLANE COORDINATE SYSTEM, INTERNATIONAL FEET.
- VERTICAL DATUM: N.A.V.D. 88, U.S. SURVEY FEET.
- MAINTAIN, RELOCATE, OR REPLACE EXISTING SURVEY MONUMENTS, CONTROL POINTS, AND STAKES WHICH ARE DISTURBED OR DESTROYED. PERFORM THE WORK TO PRODUCE THE SAME LEVEL OF ACCURACY AS THE ORIGINAL MONUMENT(S) IN A TIMELY MANNER, AND AT THE CONTRACTOR'S EXPENSE.
- STAGING AREA SHALL BE FOR CONTRACTOR'S EMPLOYEE PARKING, CONTRACTOR'S TRAILERS AND ON-SITE STORAGE OF MATERIALS.
- PROVIDE TEMPORARY FENCING AS NECESSARY TO MAINTAIN SECURITY AT ALL TIMES.
- ELEVATIONS GIVEN ARE TO FINISH GRADE UNLESS OTHERWISE NOTED.
- SLOPE UNIFORMLY BETWEEN CONTOURS AND SPOT ELEVATIONS SHOWN.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED AND INSPECTED AS STATED IN THE APPROVED EROSION AND SEDIMENTATION PLAN APPROVED IN THE STORMWATER DISCHARGE PERMIT.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE FIELD SAFETY INSTRUCTIONS APPROVED (FSI) FOR THIS SITE AT ALL TIMES.
- EXISTING SITE DRAINAGE FLOW PATTERNS/DIRECTIONS SHALL BE MAINTAINED UNLESS OTHERWISE INDICATED ON THE PLANS.
- CONSTRUCTION ACTIVITY BY OTHERS MAY IMPACT THE WORK CONTEMPLATED WITHIN THIS PACKAGE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF A CONFLICT ARISES RELATING TO THE PROGRESS OF THE WORK. FINAL COORDINATION/RESOLUTION OF SUCH CONFLICTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTORS INVOLVED.
- EXISTING FEATURES AND UTILITIES ARE SHOWN ON THE PLANS BASED UPON INFORMATION AVAILABLE AT THE TIME THE PLANS WERE PREPARED. SHOULD UNIDENTIFIED UTILITY OR SERVICE ELEMENTS BE ENCOUNTERED, NOTIFY THE ENGINEER AND THE APPROPRIATE UTILITY OWNER IMMEDIATELY.
- ACCESS TO THE GENERAL SITE, AND TO SPECIFIC WORK AREAS SHALL BE LIMITED TO THE LOCATIONS SHOWN ON THE PLANS.
- WATER FOR CONSTRUCTION ACTIVITIES SHALL BE OBTAINED BY THE CONTRACTOR AT THEIR SOLE EXPENSE. ANY AND ALL PERMITS REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

REVISION:

DATE	BY	DESC

DRAWN BY: JJJ
 DESIGNED BY: JJJ
 CHECKED BY: GEA
 APPROVED BY: GEA
 PROJECT NO:
 DATE: 08/30/19

DISPLAYED AS:
 COORD SYS/ZONE: NA
 DATUM: NA
 UNITS: NA
 SOURCE: PIONEER



MT FWP
 SELWAY CREEK
 FISH BARRIER

SELWAY CREEK
 FISH BARRIER
 LEGEND AND
 ABBREVIATIONS



GENERAL NOTE:
 1. THIS IS A STANDARD LEGEND SHEET. THEREFORE, NOT ALL OF THE INFORMATION SHOWN MAY BE USED ON THIS PROJECT.

SHEET
 2

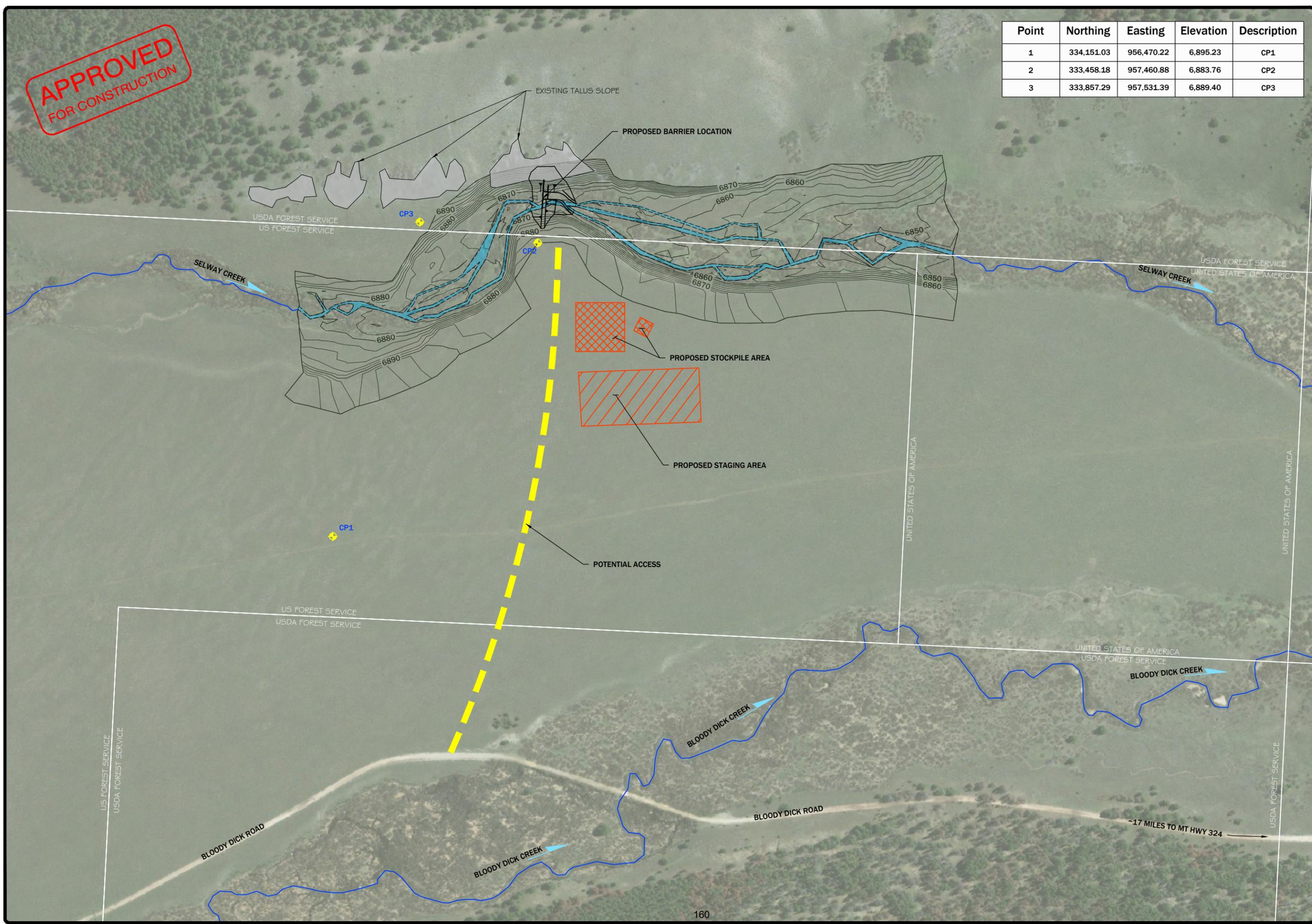
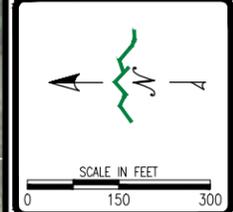
**APPROVED
FOR CONSTRUCTION**

Point	Northing	Easting	Elevation	Description
1	334,151.03	956,470.22	6,895.23	CP1
2	333,458.18	957,460.88	6,883.76	CP2
3	333,857.29	957,531.39	6,889.40	CP3

REVISION:	BY:	DESC:

DRAWN BY: JJJ
 DESIGNED BY: JJJ
 CHECKED BY: GEA
 APPROVED BY: GEA
 PROJECT NO:
 DATE: 08/30/19

DISPLAYED AS:
 COORD SYS / ZONE / MGMT. STATE PLANE
 DATUM: NAD83, NAVD88
 UNITS: INT. FEET
 SOURCE: PIONEER/BING



MT FWP
 SELWAY CREEK
 FISH BARRIER

SELWAY CREEK
 FISH BARRIER
 SITE LOCATION

PIONEER
 TECHNICAL SERVICES, INC.
 106 PRONGHORN TRAIL SUITE A
 BOZEMAN, MONTANA 59718
 (406) 388-8579

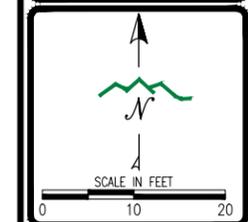
SHEET
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**APPROVED
FOR CONSTRUCTION**

REVISION:	DATE:	BY:	DESC:

DRAWN BY: JJJ
 DESIGNED BY: JJJ
 CHECKED BY: GEA
 APPROVED BY: GEA
 PROJECT NO:
 DATE: 08/30/19

DISPLAYED AS:
 COORD SYS / ZONE / MONT. STATE PLANE
 DATUM: NAD83, NAVD88
 UNITS: INT. FEET
 SOURCE: PIONEER

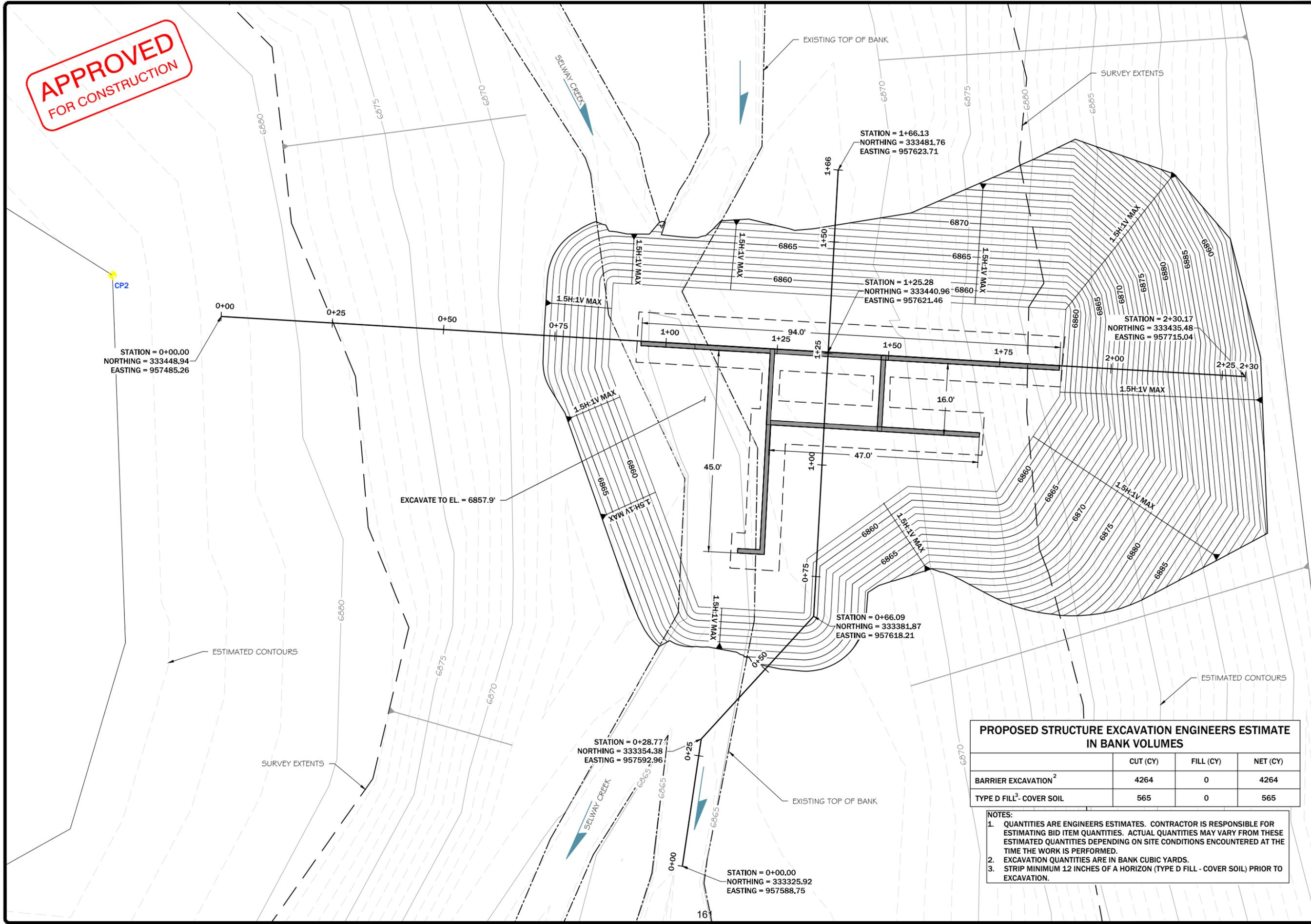


MT FWP
 SELWAY CREEK
 FISH BARRIER

SELWAY CREEK
 FISH BARRIER
 EXCAVATION PLAN

PIONEER
 TECHNICAL SERVICES, INC.
 106 PRONGHORN TRAIL SUITE A
 BOZEMAN, MONTANA 59718
 (406) 388-8579

SHEET
 4



**PROPOSED STRUCTURE EXCAVATION ENGINEERS ESTIMATE
 IN BANK VOLUMES**

	CUT (CY)	FILL (CY)	NET (CY)
BARRIER EXCAVATION ²	4264	0	4264
TYPE D FILL ³ - COVER SOIL	565	0	565

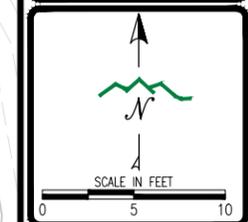
- NOTES:**
1. QUANTITIES ARE ENGINEERS ESTIMATES. CONTRACTOR IS RESPONSIBLE FOR ESTIMATING BID ITEM QUANTITIES. ACTUAL QUANTITIES MAY VARY FROM THESE ESTIMATED QUANTITIES DEPENDING ON SITE CONDITIONS ENCOUNTERED AT THE TIME THE WORK IS PERFORMED.
 2. EXCAVATION QUANTITIES ARE IN BANK CUBIC YARDS.
 3. STRIP MINIMUM 12 INCHES OF A HORIZON (TYPE D FILL - COVER SOIL) PRIOR TO EXCAVATION.

**APPROVED
FOR CONSTRUCTION**

REVISION:	BY:	DESC:

DRAWN BY: JJJ
 DESIGNED BY: JJJ
 CHECKED BY: GEA
 APPROVED BY: GEA
 PROJECT NO:
 DATE: 08/30/19

DISPLAYED AS:
 COORD SYS / ZONE / MONT. STATE PLANE
 DATUM: NAD83, NAVD88
 UNITS: INT. FEET
 SOURCE: PIONEER

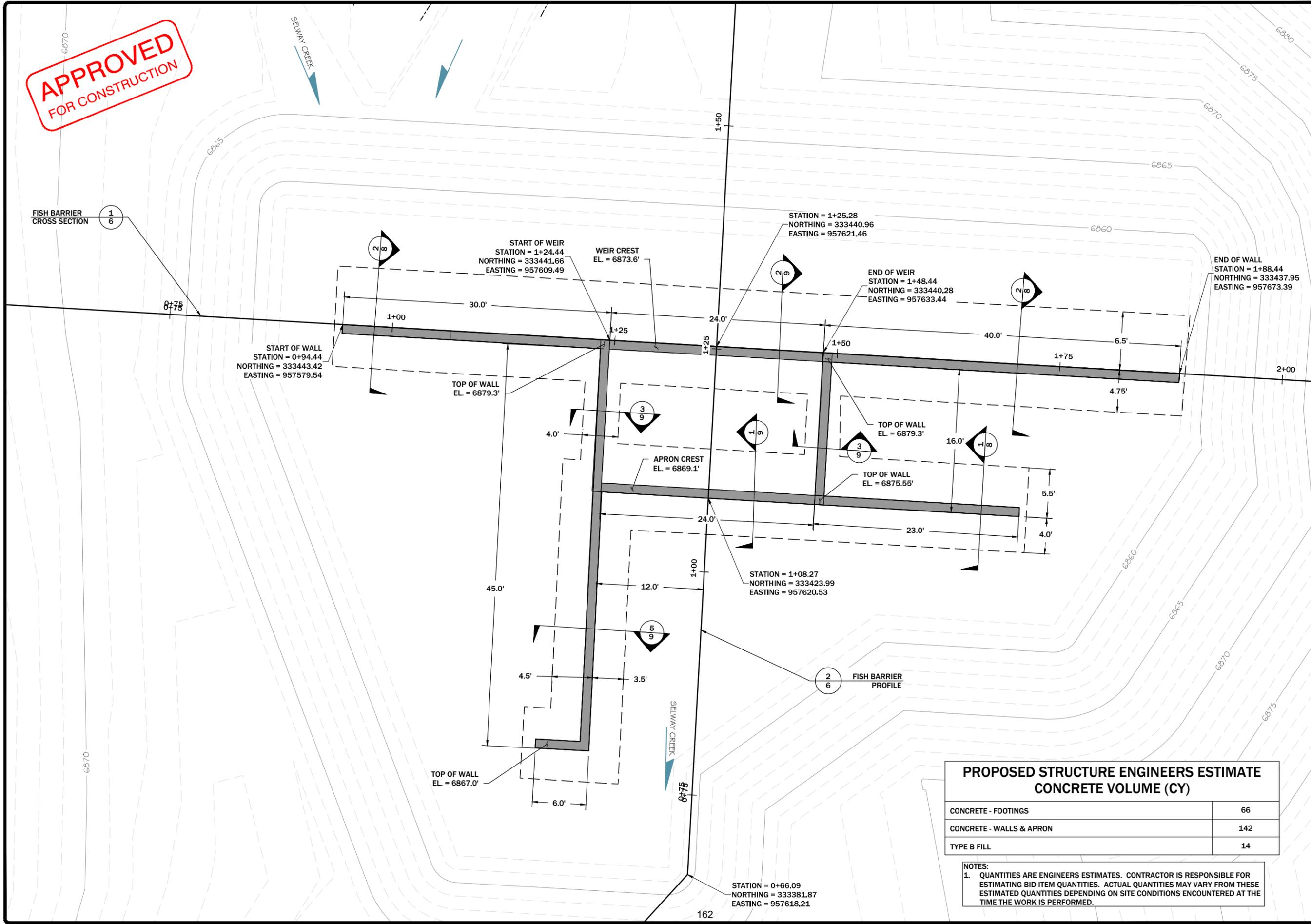


MT FWP
 SELWAY CREEK
 FISH BARRIER

SELWAY CREEK
 FISH BARRIER
 STRUCTURE PLAN

PIONEER
 TECHNICAL SERVICES, INC.
 106 PRONGHORN TRAIL SUITE A
 BOZEMAN, MONTANA 59718
 (406) 388-8579

SHEET
 5



**PROPOSED STRUCTURE ENGINEERS ESTIMATE
 CONCRETE VOLUME (CY)**

CONCRETE - FOOTINGS	66
CONCRETE - WALLS & APRON	142
TYPE B FILL	14

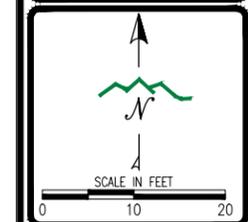
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**APPROVED
FOR CONSTRUCTION**

REVISION:	DATE:	BY:	DESC:

DRAWN BY: JJJ
 DESIGNED BY: JJJ
 CHECKED BY: GEA
 APPROVED BY: GEA
 PROJECT NO:
 DATE: 08/30/19

DISPLAYED AS:
 COORD SYS / ZONE / MONT. STATE PLANE
 DATUM: NAD83 / NAVD83
 UNITS: INT. FEET
 SOURCE: PIONEER

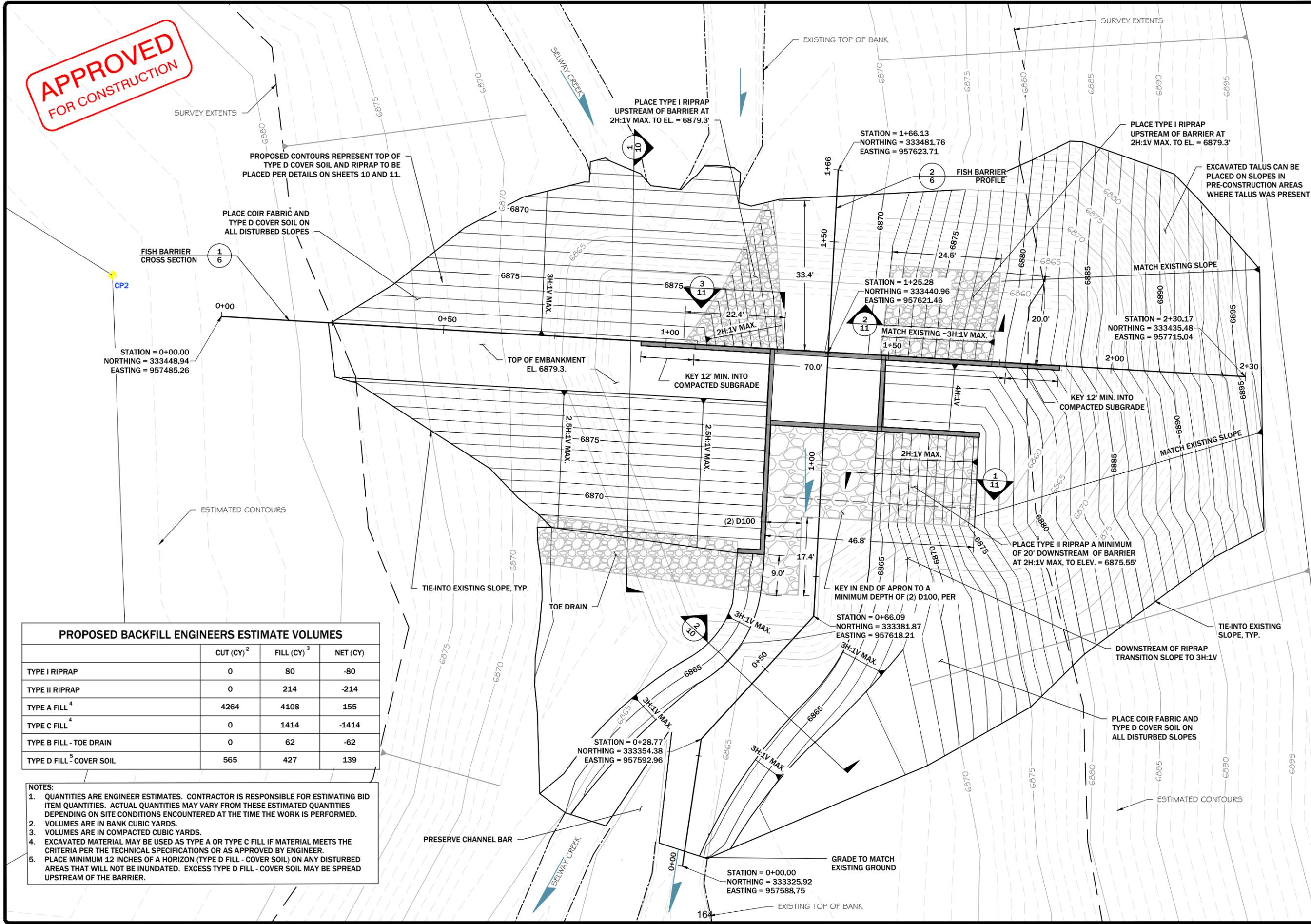


MT FWP
 SELWAY CREEK
 FISH BARRIER

SELWAY CREEK
 FISH BARRIER
 BACKFILL PLAN

PIONEER
 TECHNICAL SERVICES, INC.
 106 PRONGHORN TRAIL SUITE A
 BOZEMAN, MONTANA 59718
 (406) 388-8579

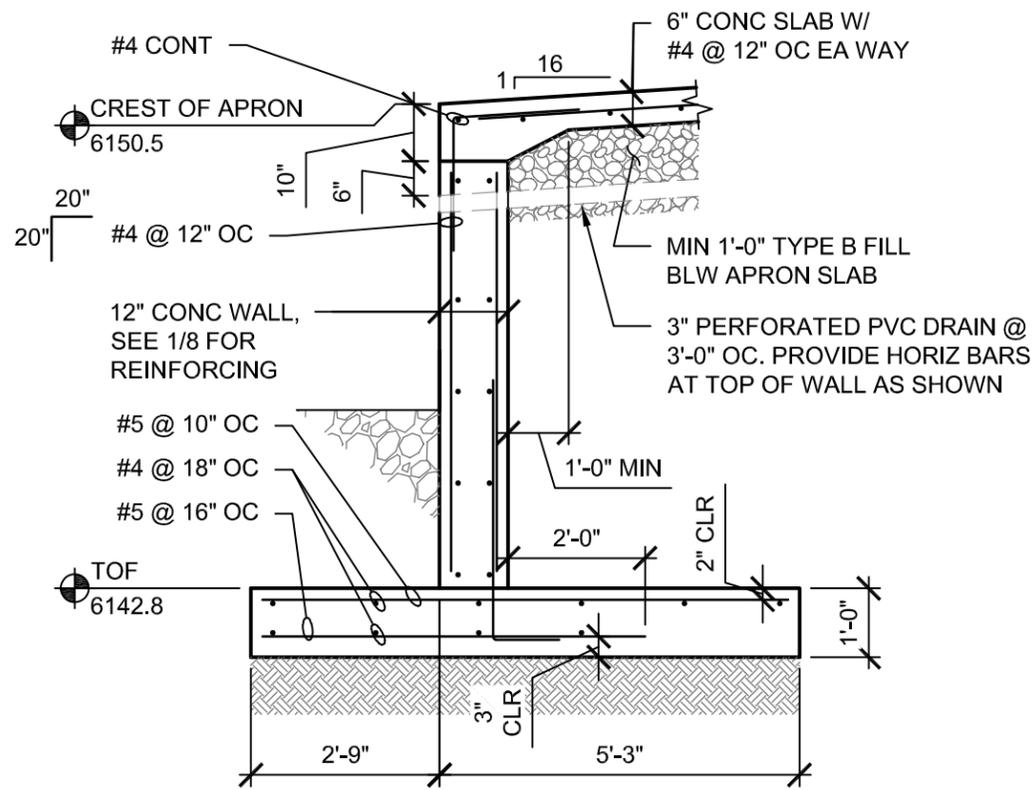
SHEET
 7



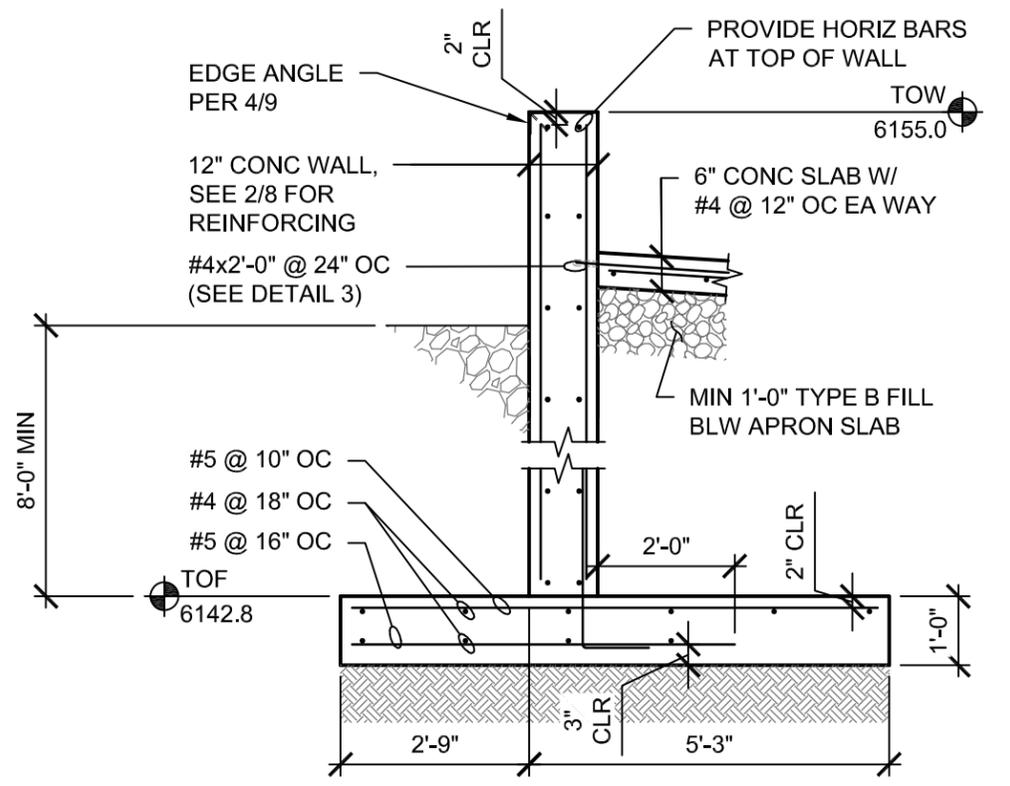
PROPOSED BACKFILL ENGINEERS ESTIMATE VOLUMES

	CUT (CY) ²	FILL (CY) ³	NET (CY)
TYPE I RIPRAP	0	80	-80
TYPE II RIPRAP	0	214	-214
TYPE A FILL ⁴	4264	4108	155
TYPE C FILL ⁴	0	1414	-1414
TYPE B FILL - TOE DRAIN	0	62	-62
TYPE D FILL ⁵ COVER SOIL	565	427	139

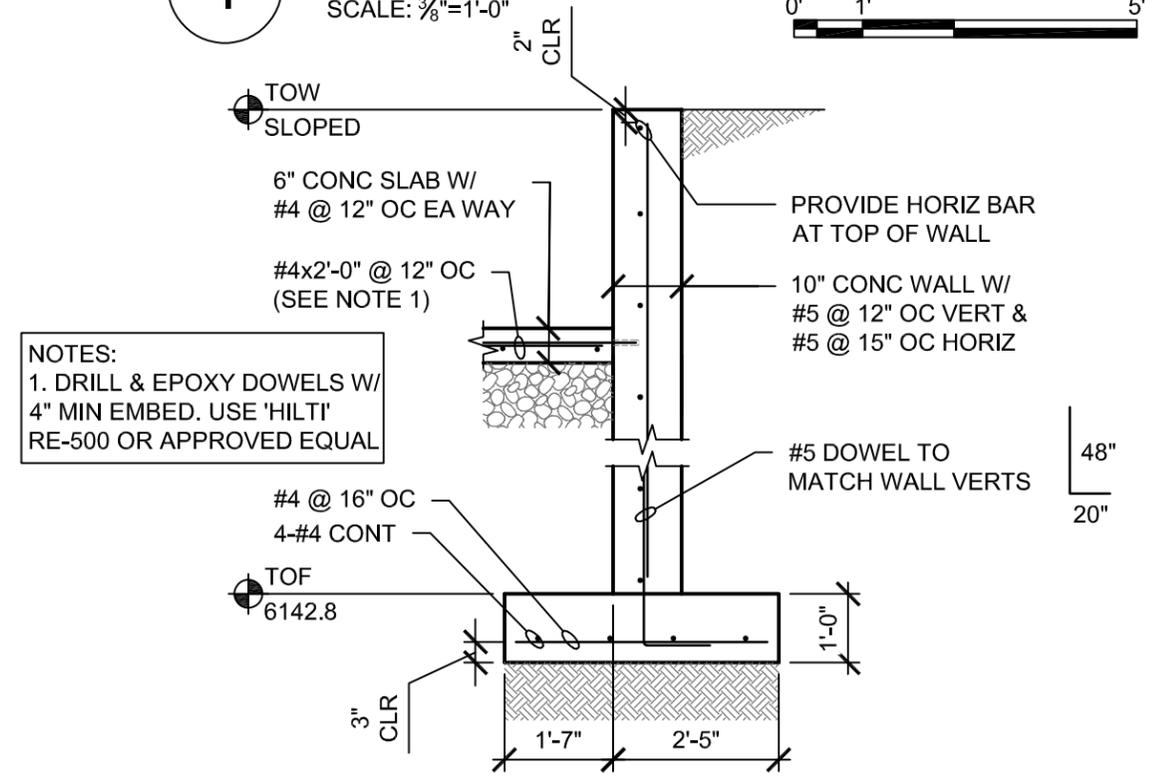
- NOTES:**
1. QUANTITIES ARE ENGINEER ESTIMATES. CONTRACTOR IS RESPONSIBLE FOR ESTIMATING BID ITEM QUANTITIES. ACTUAL QUANTITIES MAY VARY FROM THESE ESTIMATED QUANTITIES DEPENDING ON SITE CONDITIONS ENCOUNTERED AT THE TIME THE WORK IS PERFORMED.
 2. VOLUMES ARE IN BANK CUBIC YARDS.
 3. VOLUMES ARE IN COMPACTED CUBIC YARDS.
 4. EXCAVATED MATERIAL MAY BE USED AS TYPE A OR TYPE C FILL IF MATERIAL MEETS THE CRITERIA PER THE TECHNICAL SPECIFICATIONS OR AS APPROVED BY ENGINEER.
 5. PLACE MINIMUM 12 INCHES OF A HORIZON (TYPE D FILL - COVER SOIL) ON ANY DISTURBED AREAS THAT WILL NOT BE INUNDATED. EXCESS TYPE D FILL - COVER SOIL MAY BE SPREAD UPSTREAM OF THE BARRIER.



1 DOWNSTREAM WEIR WALL
SCALE: 3/8"=1'-0"
0' 1' 5'

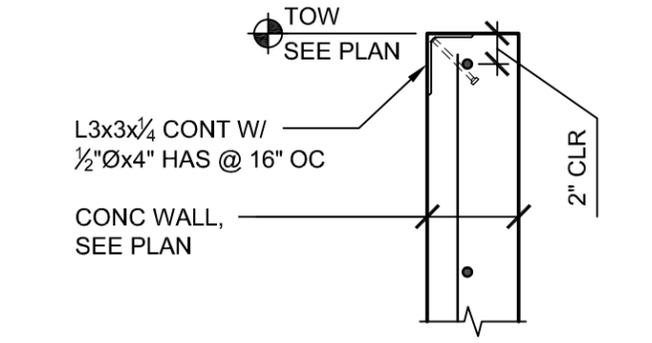


2 UPSTREAM WEIR WALL
SCALE: 3/8"=1'-0"
0' 1' 5'



3 APRON SIDE WALL
SCALE: 3/8"=1'-0"
0' 1' 5'

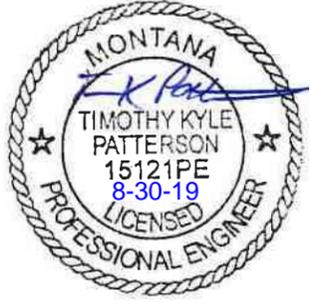
NOTES:
1. STEEL ANGLE MATERIAL SHALL CONFORM TO ASTM A36, Fy = 36 ksi
2. HEADED ANCHOR STUD MATERIAL SHALL CONFORM TO ASTM A108, GRADE 1015, Fu = 65 ksi



4 GUARD ANGLE @ TOW
SCALE: NTS

APPROVED FOR CONSTRUCTION

DDCI ENGINEERS
450 Corporate Drive, Suite 112
Kalispell, Montana 59901
www.ddci-engineers.com
CIVIL STRUCTURAL



REVISION:	DATE:	BY:	DESC:

DRAWN BY: JCD
DESIGNED BY: JAL
CHECKED BY: JAL
APPROVED BY: JAL
PROJECT NO: 18151-0025
DATE: 08/30/19

DISPLAYED AS:
COORD SYS/ZONE: NA
DATUM: NA
UNITS: FEET
SOURCE: NA

SCALE IN FEET
0 NTS

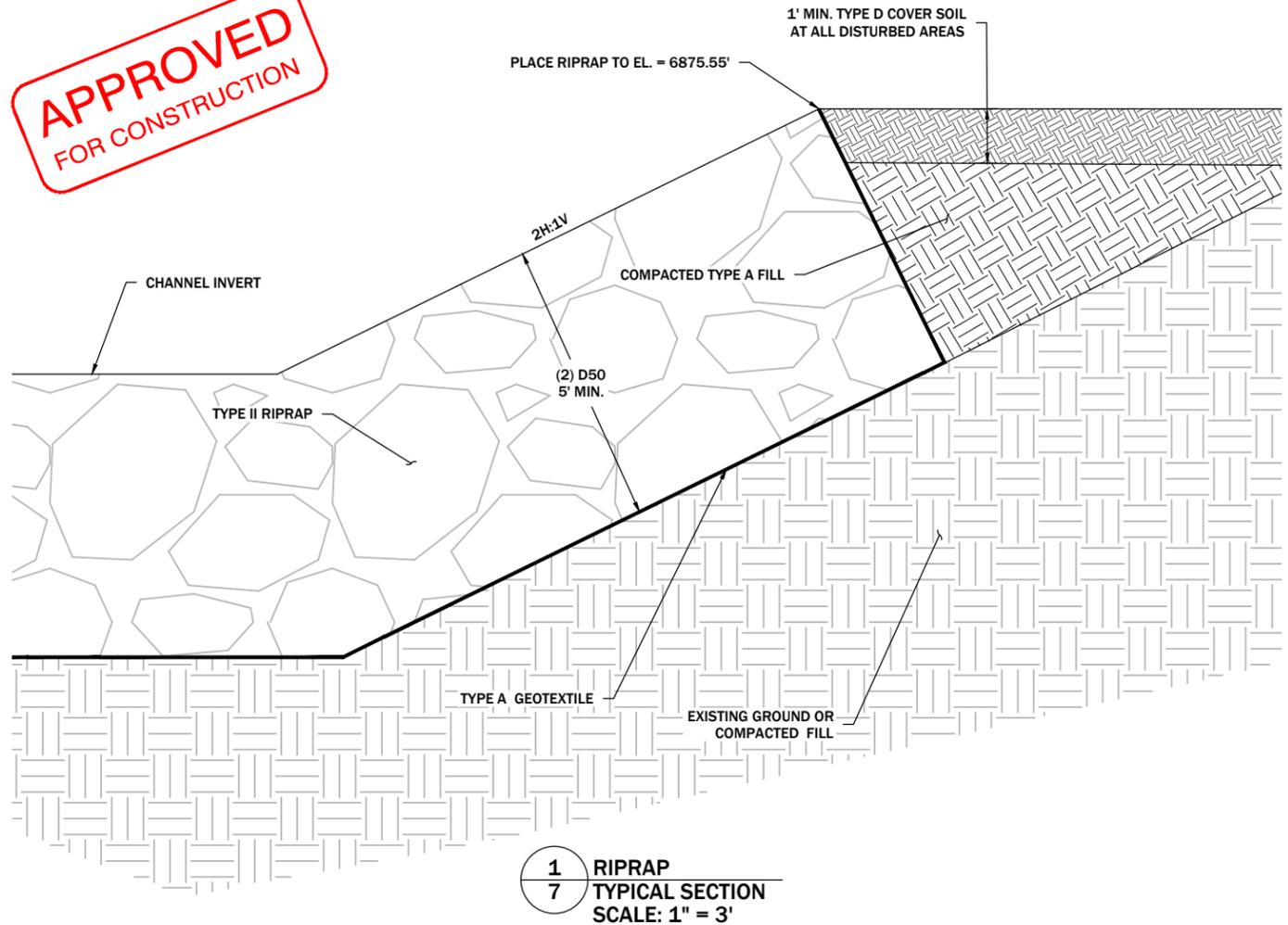
MT FWP
SELWAY CREEK
FISH BARRIER

STRUCTURAL DETAILS

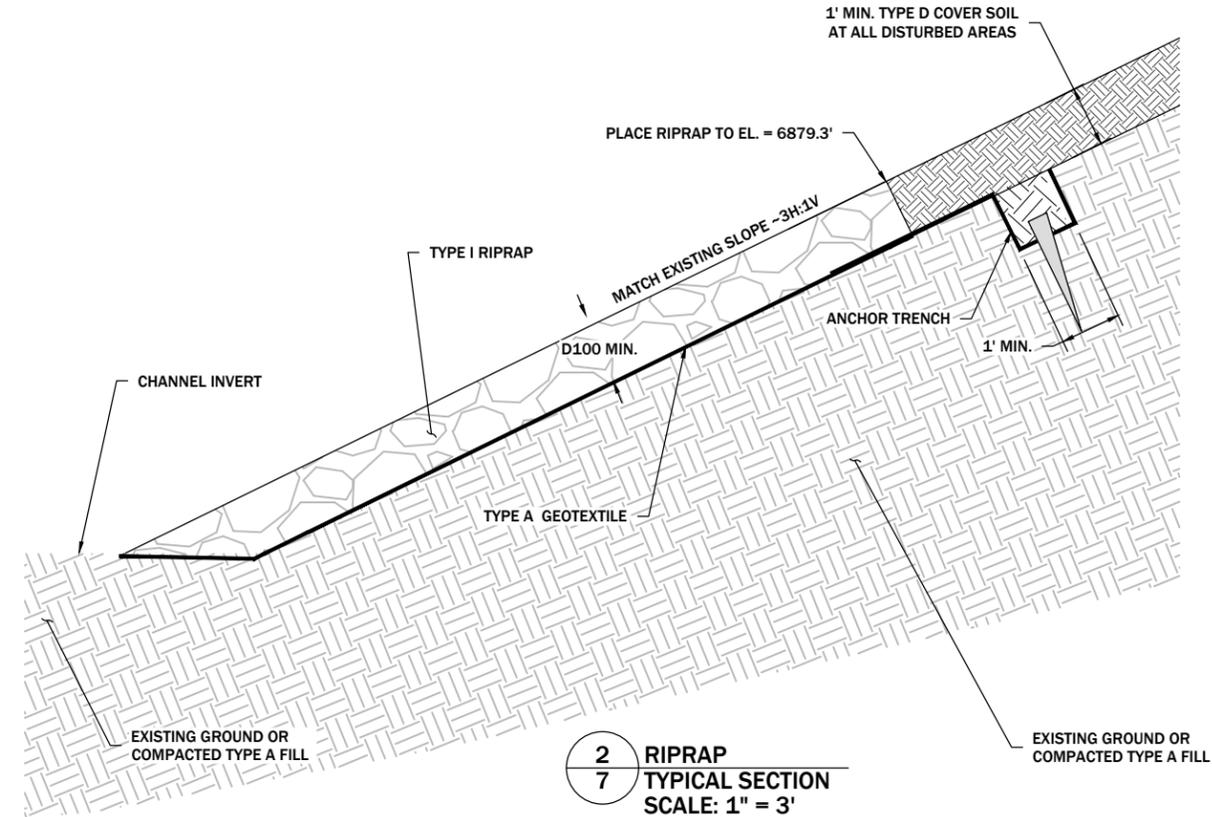
PIONEER
TECHNICAL SERVICES, INC.
106 PRONGHORN TRAIL SUITE A
BOZEMAN, MONTANA 59718
(406) 388-8579

SHEET
9

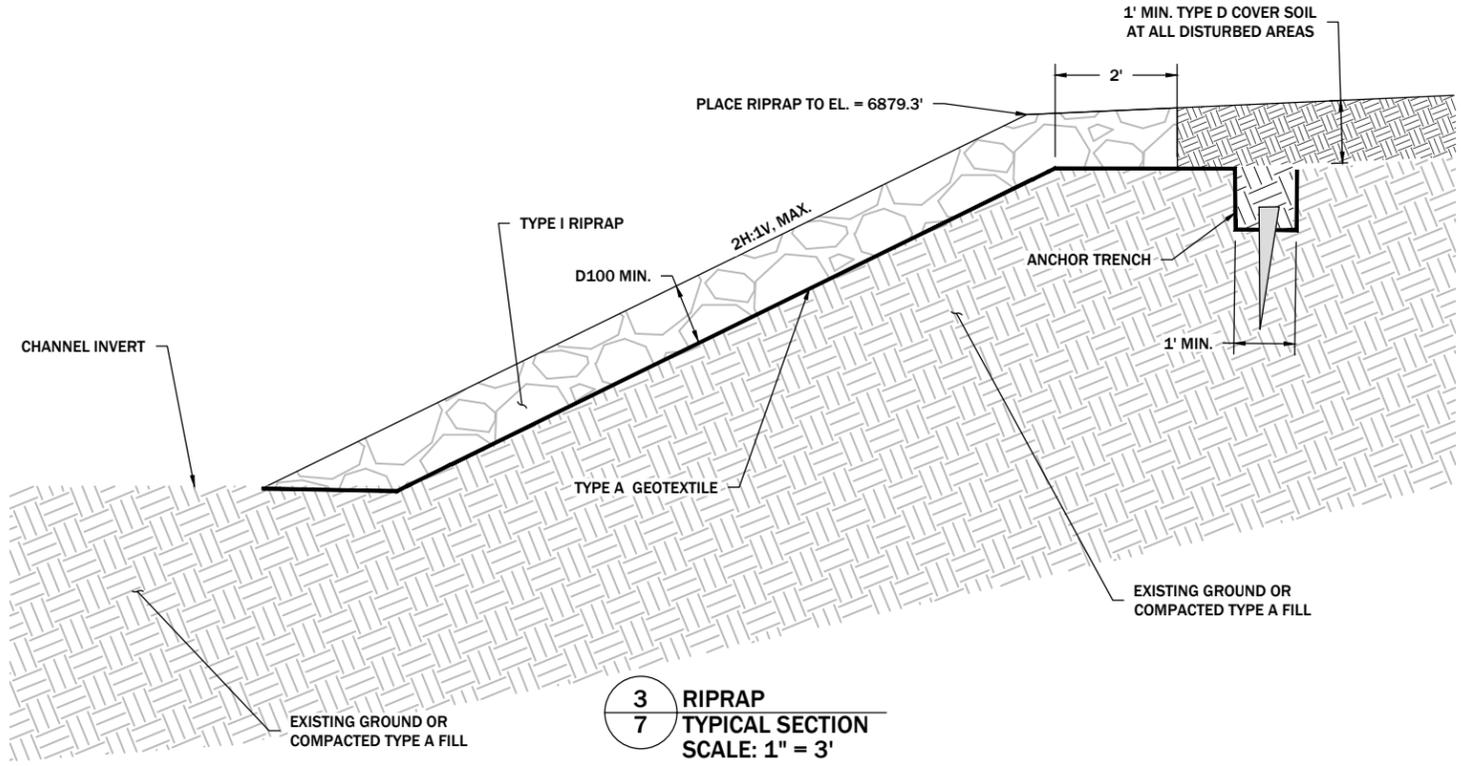
**APPROVED
FOR CONSTRUCTION**



1
7 RIPRAP
TYPICAL SECTION
SCALE: 1" = 3'



2
7 RIPRAP
TYPICAL SECTION
SCALE: 1" = 3'



3
7 RIPRAP
TYPICAL SECTION
SCALE: 1" = 3'

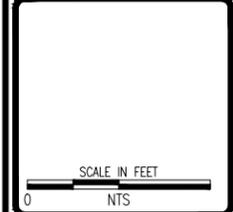
SITE MATERIAL QUANTITY SUMMARY			
	CUT (CY) ²	FILL (CY) ³	NET (CY)
TYPE A FILL ⁴	4264	4108	155
TYPE C FILL ⁴	0	1414	-1414
TYPE B FILL	0	76	-76
TYPE D FILL ⁵ COVER SOIL	565	427	139
TYPE I RIPRAP	0	80	-80
TYPE II RIPRAP	0	214	-214
CONCRETE	0	208	-208

- NOTES:
1. QUANTITIES ARE ENGINEER ESTIMATES. CONTRACTOR IS RESPONSIBLE FOR ESTIMATING BID ITEM QUANTITIES. ACTUAL QUANTITIES MAY VARY FROM THESE ESTIMATED QUANTITIES DEPENDING ON SITE CONDITIONS ENCOUNTERED AT THE TIME THE WORK IS PERFORMED.
 2. VOLUMES ARE IN BANK CUBIC YARDS.
 3. VOLUMES ARE IN COMPACTED CUBIC YARDS.
 4. EXCAVATED MATERIAL MAY BE USED AS TYPE A OR TYPE C FILL IF MATERIAL MEETS THE CRITERIA PER THE TECHNICAL SPECIFICATIONS OR AS APPROVED BY ENGINEER.
 5. PLACE MINIMUM 12 INCHES OF A HORIZON (TYPE D FILL - COVER SOIL) ON ANY DISTURBED AREAS THAT WILL NOT BE INUNDATED. EXCESS TYPE D FILL - COVER SOIL MAY BE SPREAD UPSTREAM OF THE BARRIER.

REVISION:	DATE:	BY:	DESC:

DRAWN BY: JJJ
 DESIGNED BY: JJJ
 CHECKED BY: GEA
 APPROVED BY: GEA
 PROJECT NO:
 DATE: 08/30/19

DISPLAYED AS:
 COORD SYS / ZONE: NA
 DATUM: NA
 UNITS: FEET
 SOURCE: PIONEER



MT FWP
 SELWAY CREEK
 FISH BARRIER

SELWAY CREEK
 FISH BARRIER
 BACKFILL TYPICAL
 SECTIONS & DETAILS

SHEET
11