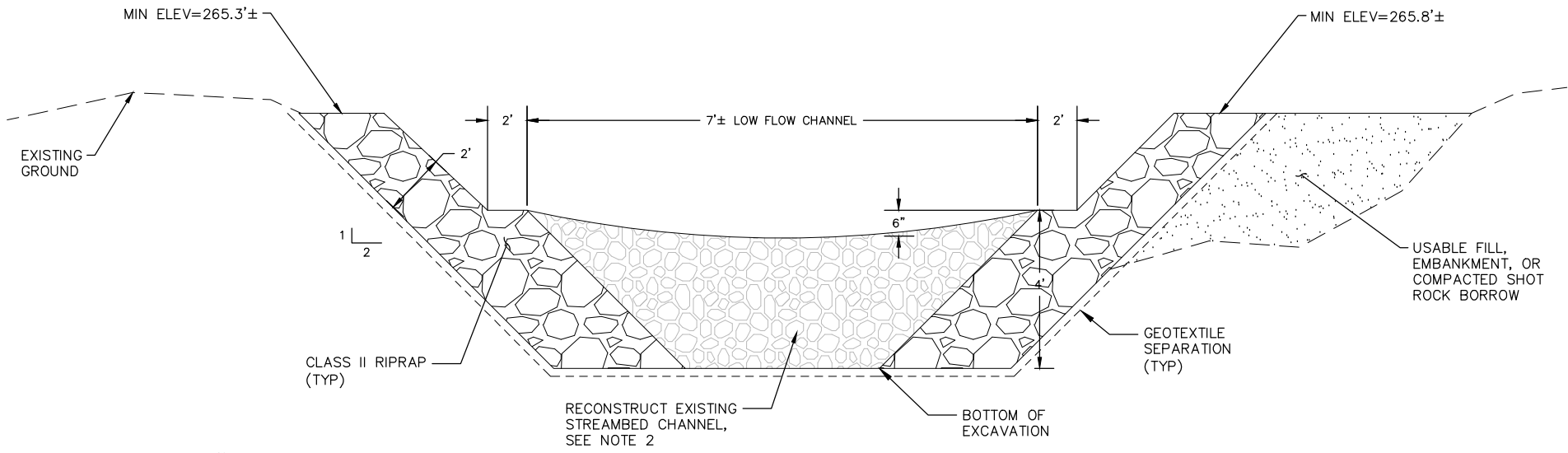


1
C3
NTS
TYPICAL CHANNEL CROSS-SECTION AT CENTER OF ROAD

- NOTES:**
1. MAINTAIN 11-FOOT WIDE CHANNEL SECTION THROUGH EXTENT OF RECONSTRUCTED CHANNEL FROM APPROXIMATE STATION 11+62 TO 12+10.
 2. SALVAGE AND REUSE EXCAVATED STREAMBED MATERIAL FOR RECONSTRUCTED CHANNEL.
 3. THE GUARDRAIL END TREATMENT MAY BE UPDATED AS FUTURE DEVELOPMENT OCCURS.

ESTIMATE OF QUANTITIES		
Item Description	Unit	Quantity
EXCAVATION	CUBIC YARD	626
EMBANKMENT	CUBIC YARD	30
SHOT ROCK BORROW	CUBIC YARD	163
50' X 16' MODULAR STEEL BRIDGE, WOOD WEAR SURFACE, DESIGNED BY OTHERS	LUMP SUM	ALL REQUIRED
PRECAST CONCRETE SILLS	LUMP SUM	ALL REQUIRED
GALVANIZED STEEL BACKWALLS	LUMP SUM	ALL REQUIRED
BRIDGE SHIPPING, ASSEMBLY, AND INSTALLATION	LUMP SUM	ALL REQUIRED
RIPRAP, CLASS II	CUBIC YARD	157
GEOTEXTILE SEPARATION	SQUARE YARD	341

PERMANENT FILL BELOW OHW		
MATERIAL	VOL (CY)	AREA (SF)
RIPRAP, CLASS II	119	1404
GEOTEXTILE SEPARATION	19	3072
SHOT ROCK BORROW	82	1287

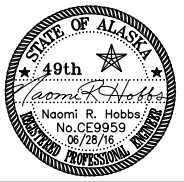


2
C3
NTS
TYPICAL CHANNEL CROSS-SECTION

- NOTES:**
1. PLACE EMBANKMENT OR COMPACTED SHOT ROCK BORROW BEHIND RIPRAP AS NECESSARY TO CONSTRUCT ABUTMENT AS SHOWN IN DETAIL 1/C3.

Addendum 1

REVISIONS			
REV	DATE	DESCRIPTION	BY



WEST JUNEAU FISH PASSAGE DESIGN
JUNEAU, ALASKA
BRIDGE CROSSING: STA 97+00
STREAM SECTION
JUNEAU, ALASKA

PROJECT	70819-01
DATE	06/28/2016
SHEET	20 OF 23