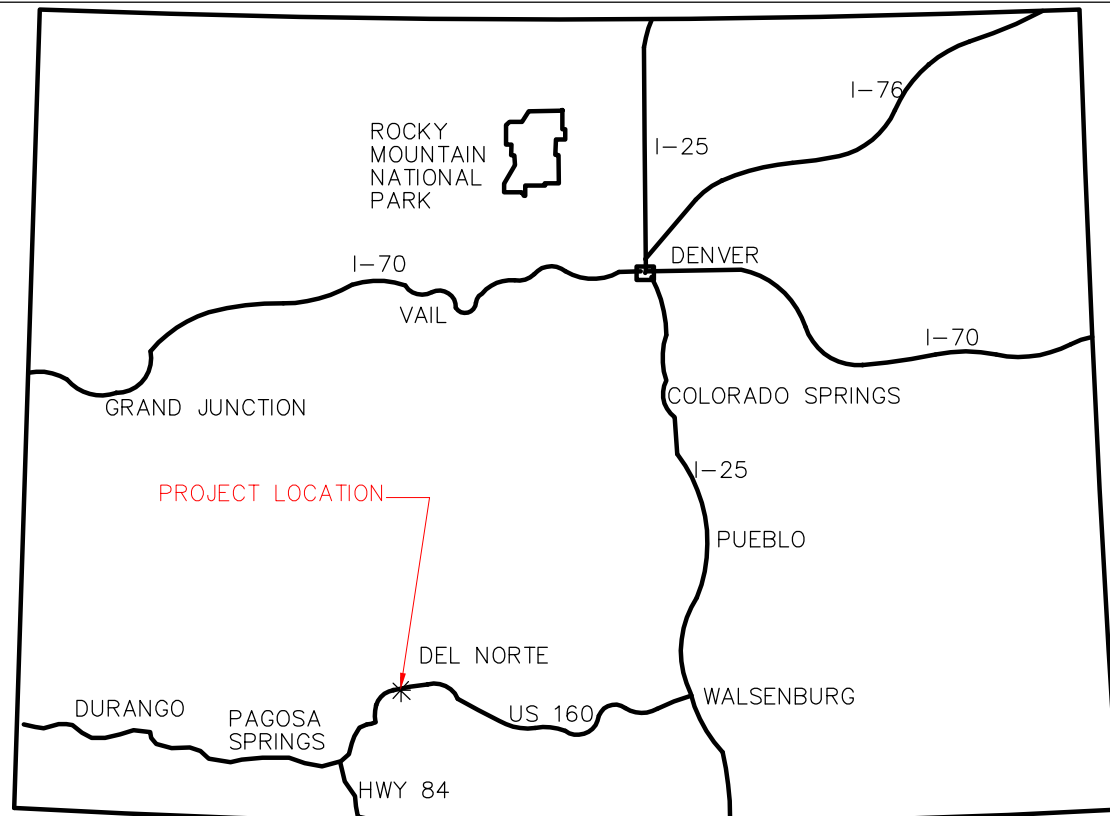
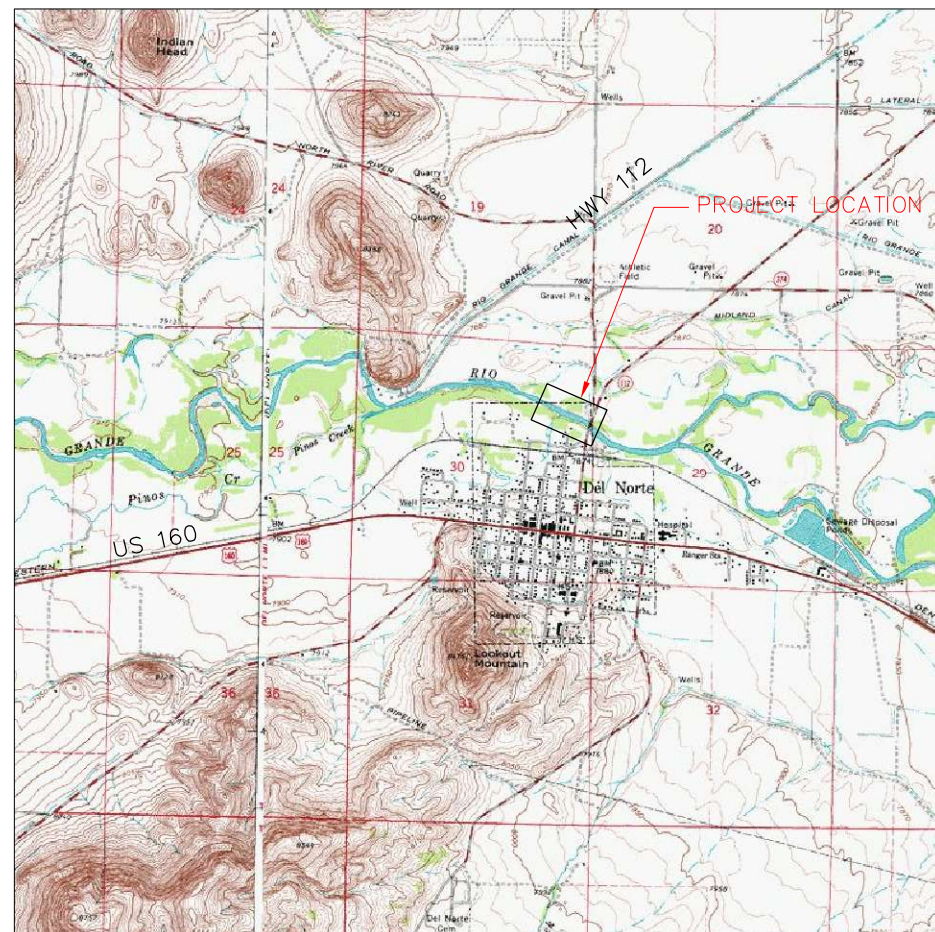


RIO GRANDE RIVERFRONT IMPROVEMENT PROJECT @ DEL NORTE RIO GRANDE COUNTY, COLORADO

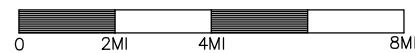
PREPARED FOR
COLORADO RIO GRANDE
RESTORATION FOUNDATION



STATE LOCATION MAP



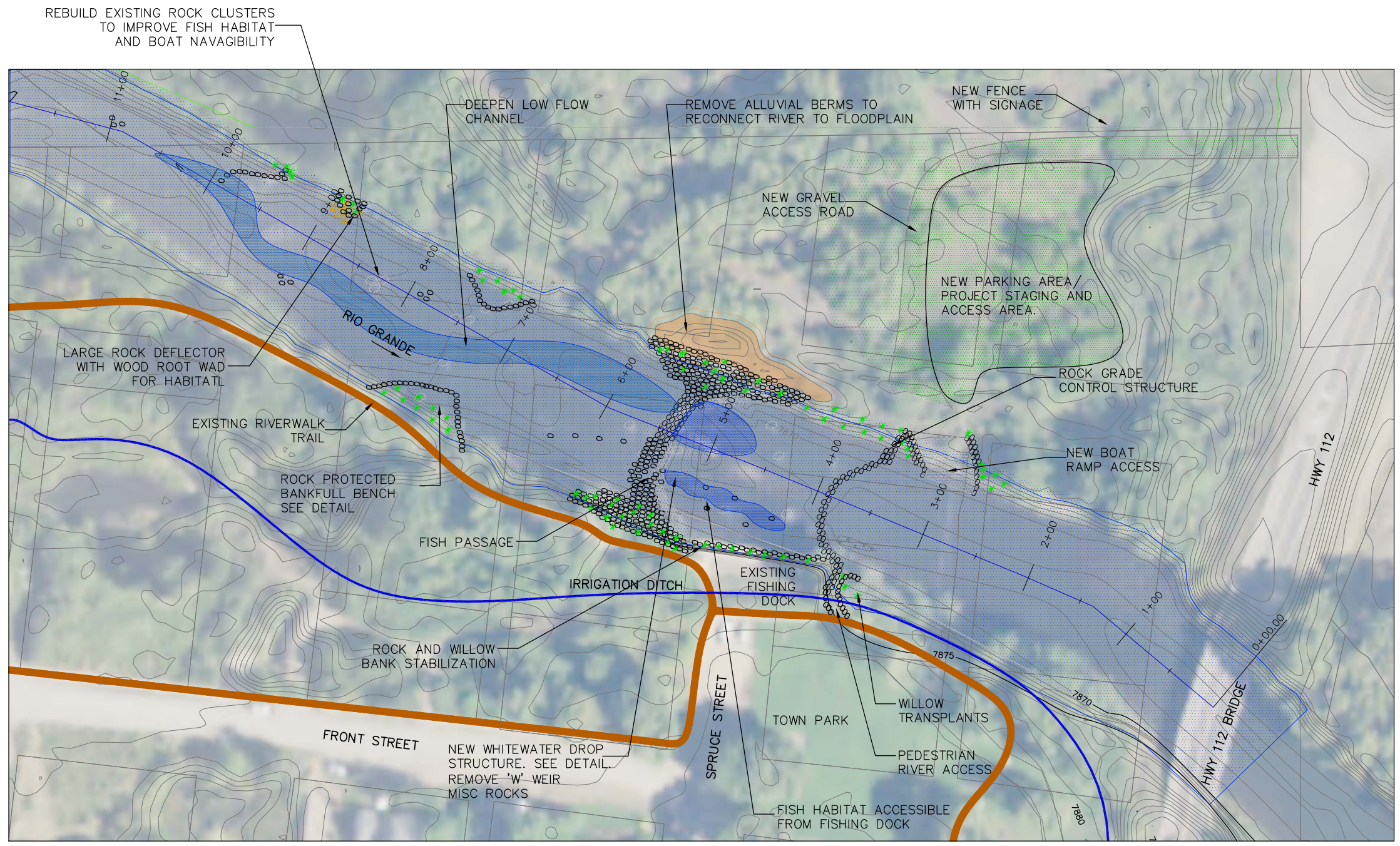
VICINITY MAP



SHEET INDEX

1. COVER SHEET, LOCATION MAP, SHEET INDEX
2. PROJECT PLAN OVERVIEW
3. DEWATERING PLAN
4. WHITE WATER STRUCTURE PLAN & PROFILE
5. CONSTRUCTION DETAILS
6. CONSTRUCTION DETAILS





Riverbend Engineering, LLC 102 Third St., P. O. Box 2979, Pagosa Springs, CO 81147 Tel: 970.264.1195 FAX: 970.264.1196 Email: cphilips@frontier.net	RGRF	Sheet
	DEL NORTE RIVER IMPROVEMENT PROJECT	1
	COVER SHEET/SHEET INDEX VICINITY MAP	of 6
		12/21/2017



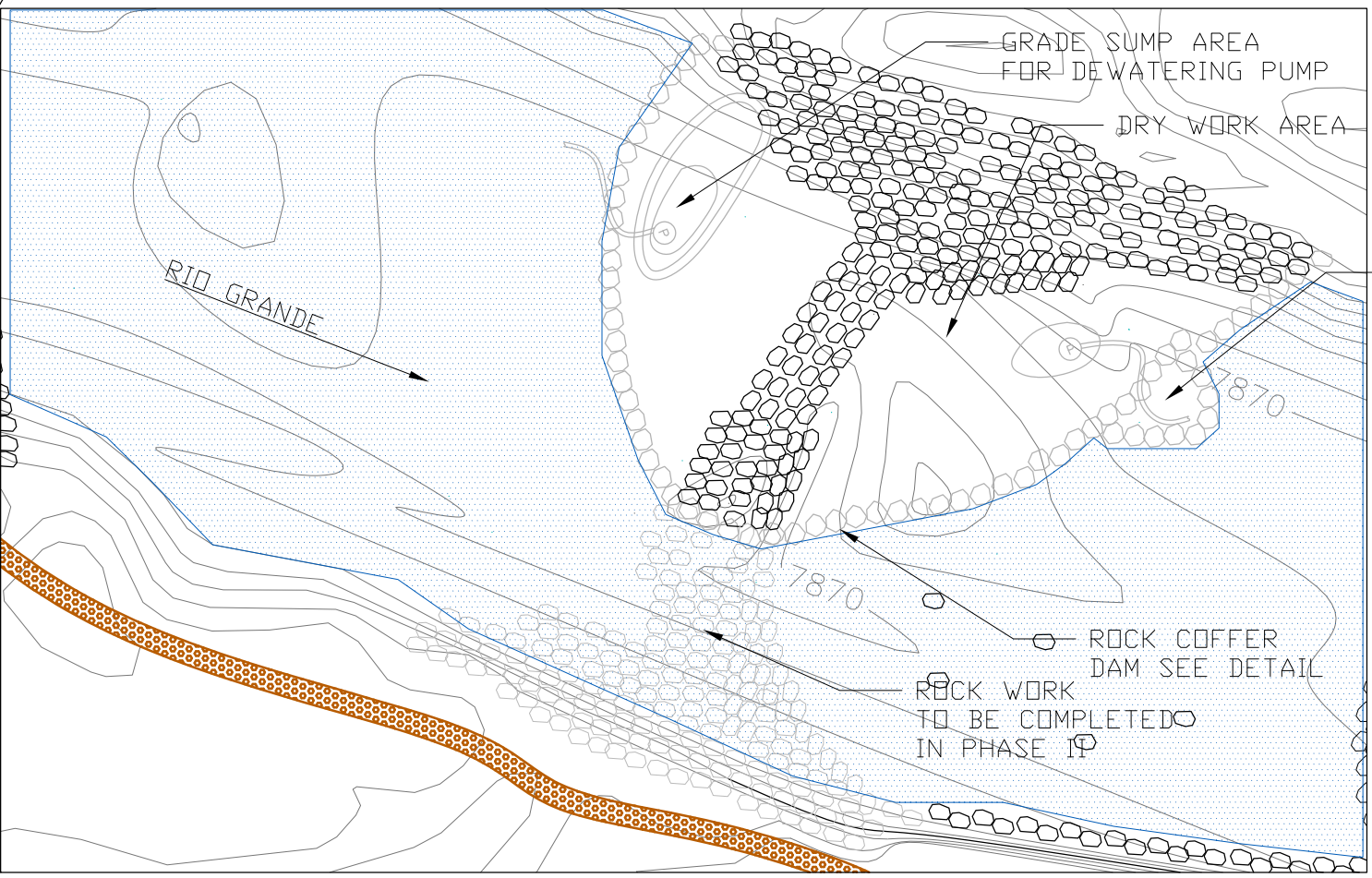
PLAN VIEW



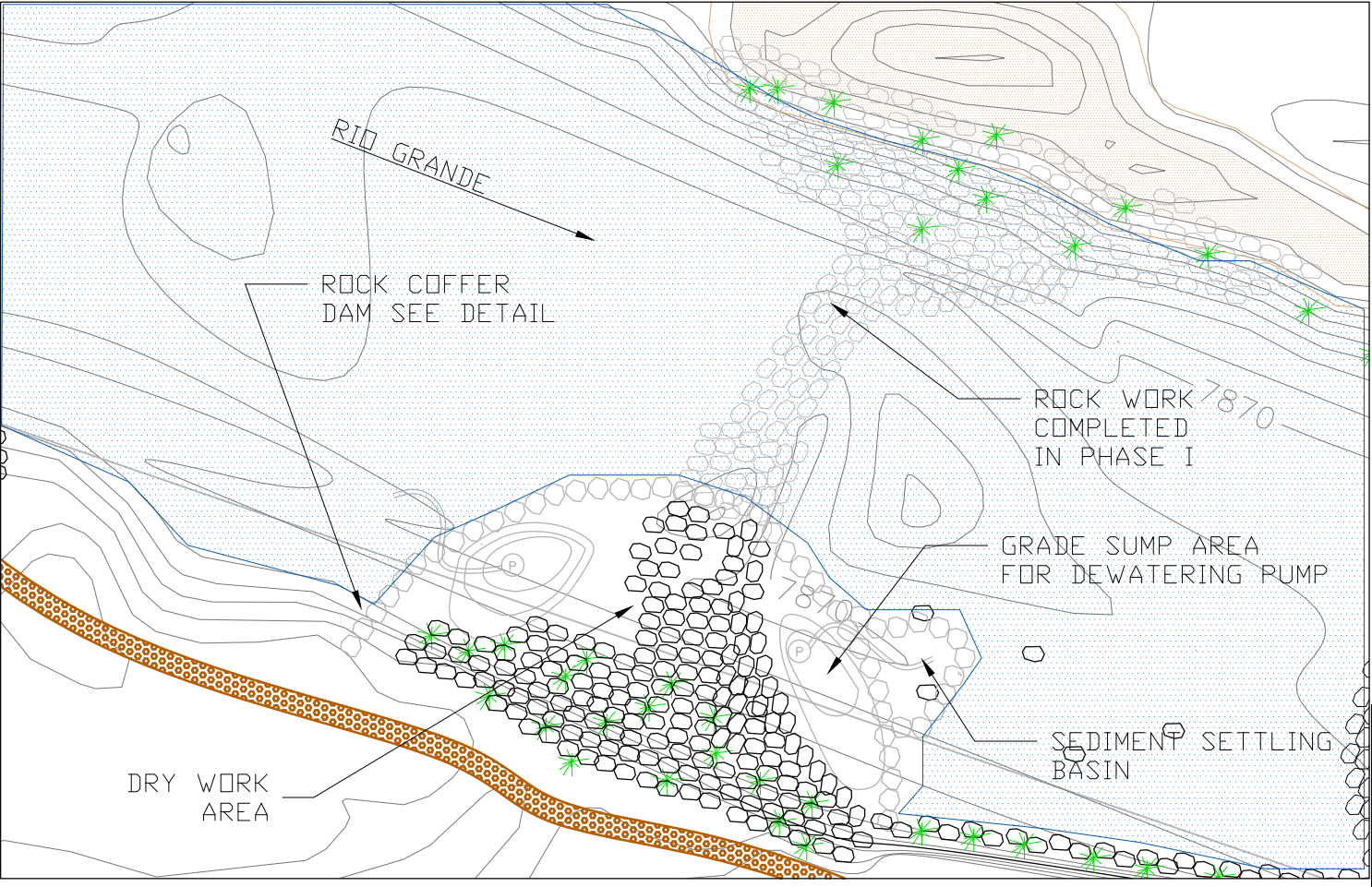
50 100 200
 SCALE IS 1" = 50' ON D SIZE SHEET
 ALL OTHER SHEETS USE SCALE BAR

- LEGEND**
-  RIVERWALK TRAIL
 -  EXCAVATED SCOUR HOLE
 -  ORDINARY HIGH WATER MARK RIO GRANDE RIVER
 -  PROPOSED ACCESS ROAD AND PARKING AREA

Riverbend Engineering, LLC 102 Third St., P. O. Box 2979, Pagosa Springs, CO 81147 Tel: 970.264.1195 FAX: 970.264.1196 Email: cphilips@frontier.net	RGRF		Sheet
	DEL NORTE RIVER IMPROVEMENT PROJECT		2
	PROJECT PLAN OVERVIEW		of
	Scale: AS SHOWN		12/21/2017

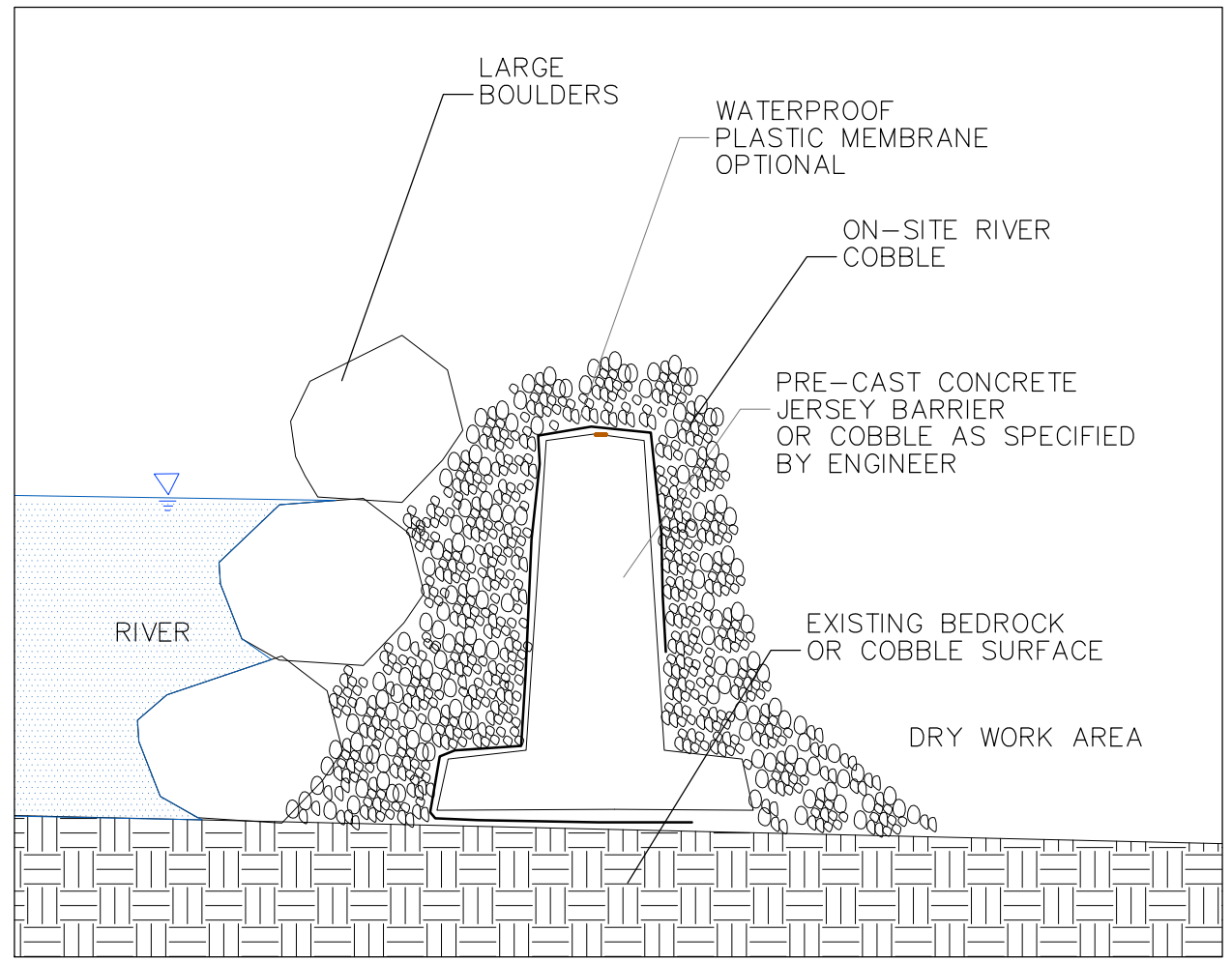


DEWATERING PLAN PART 1



DEWATERING PLAN PART 2

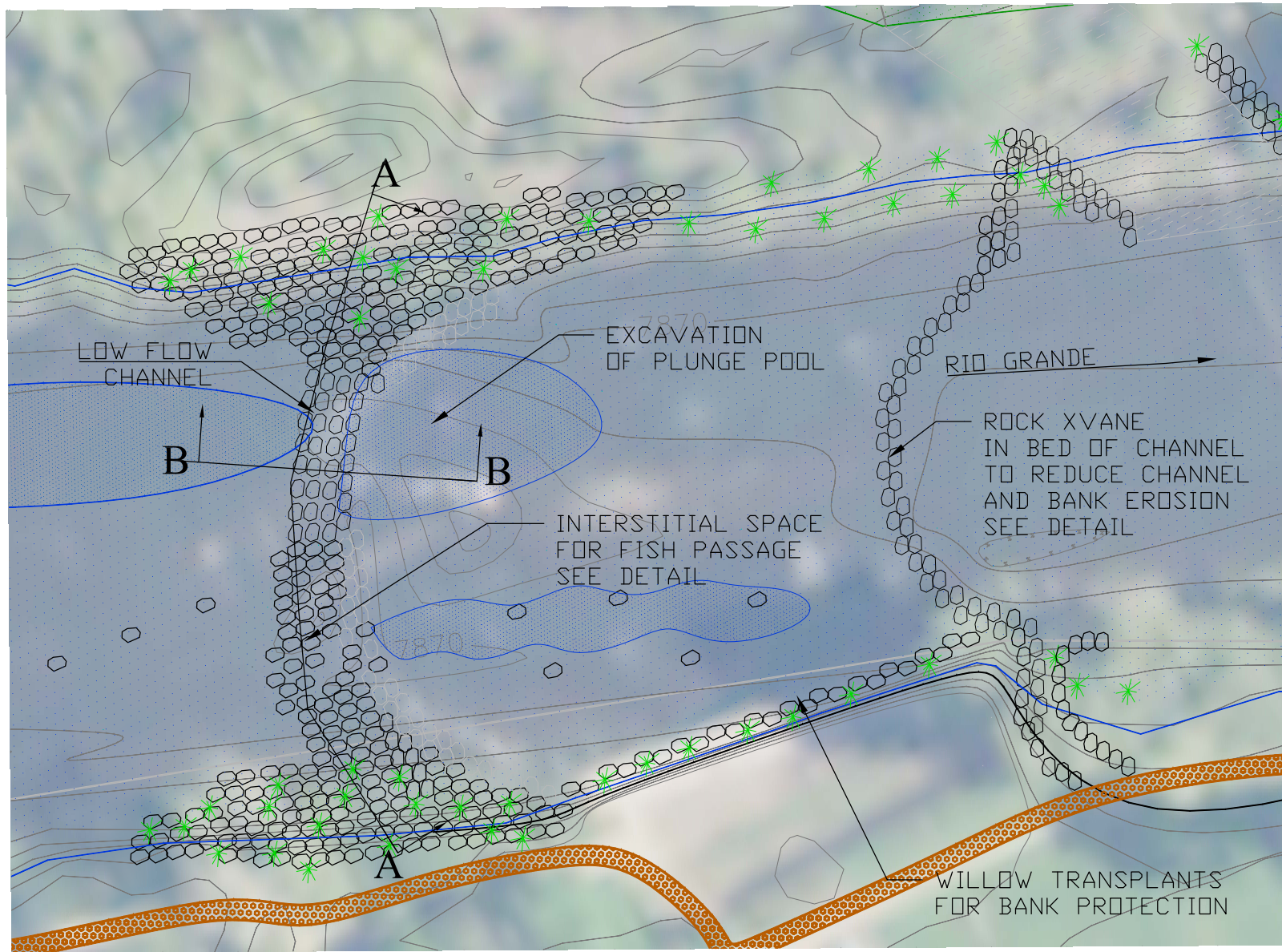
SEDIMENT SETTLING BASIN



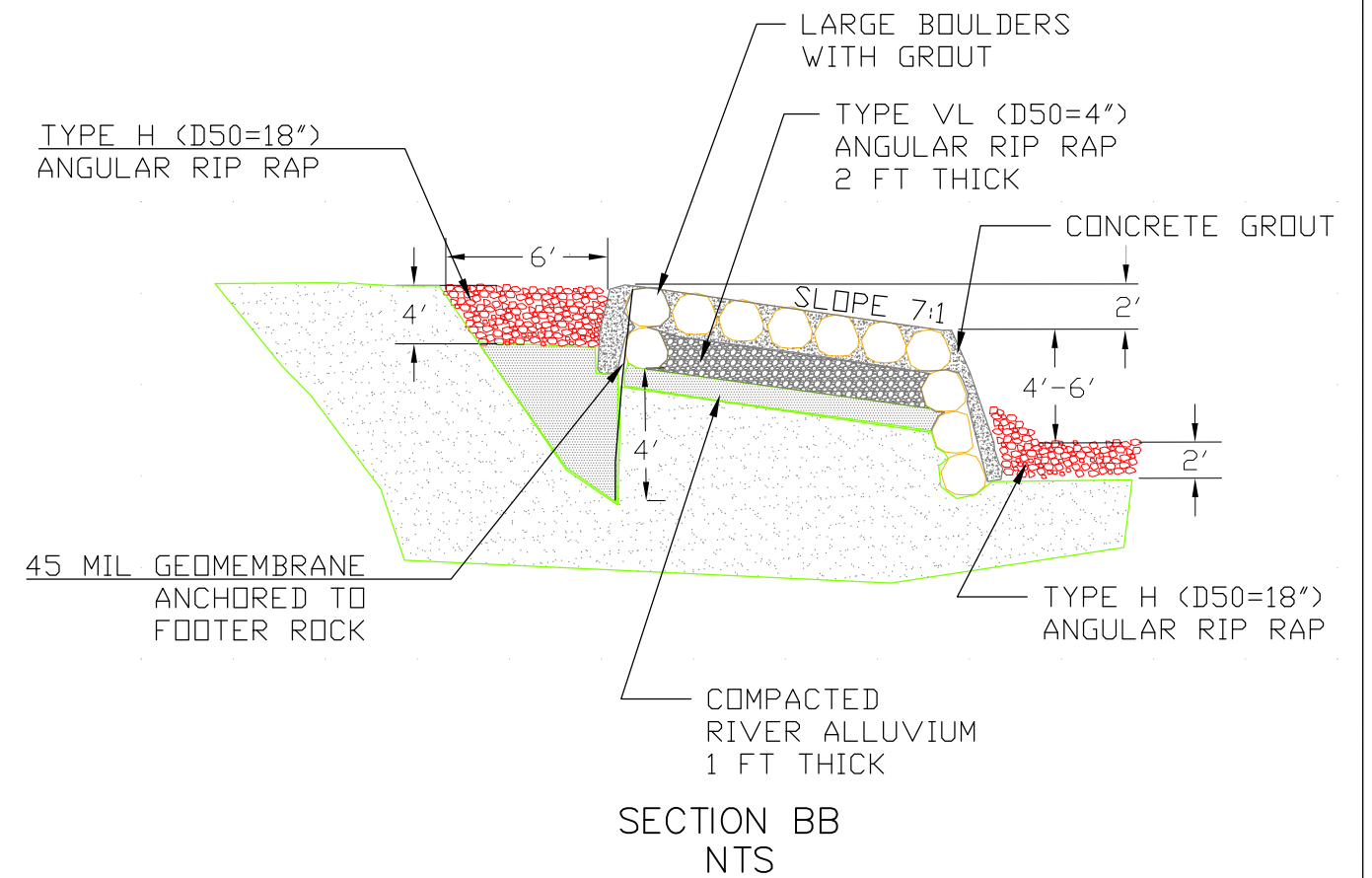
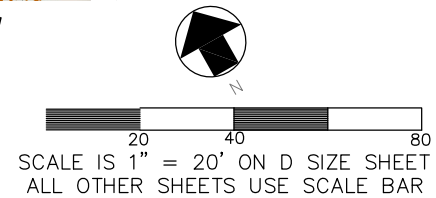
COFFER DAM SECTION VIEW NTS

Riverbend Engineering, LLC
 102 Third St., P. O. Box 2979, Pagosa Springs, CO 81147
 Tel: 970.264.1195 FAX: 970.264.1196 Email: cphillips@frontier.net

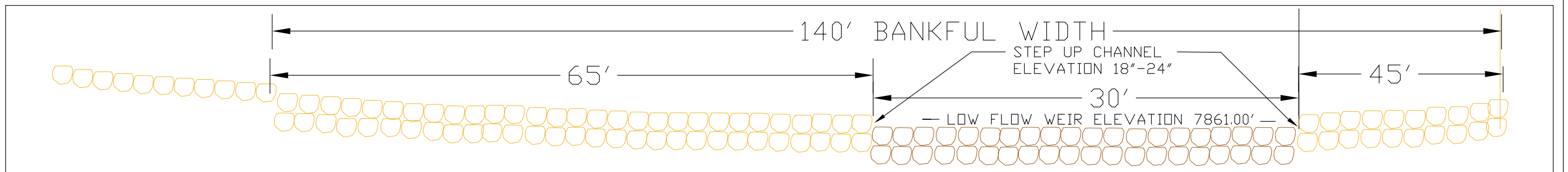
RGRF		Sheet
DEL NORTE RIVER IMPROVEMENT PROJECT		3
DEWATERING PLAN		of
		6
Scale: AS SHOWN	12/21/2017	



PLAN VIEW

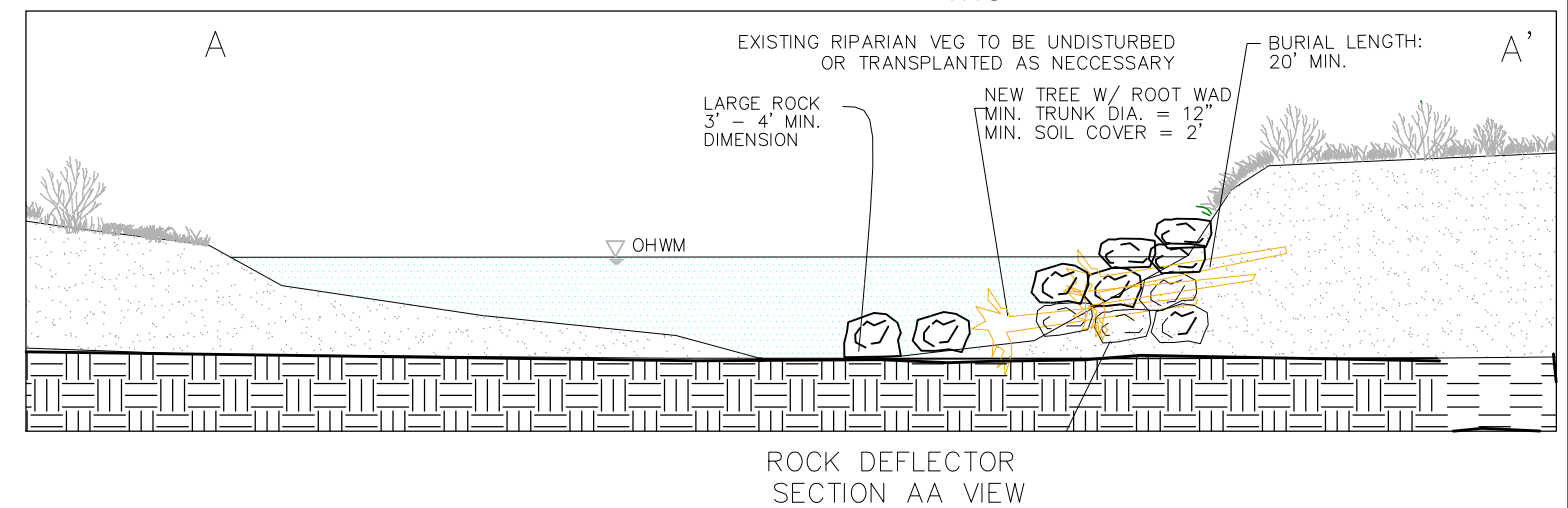
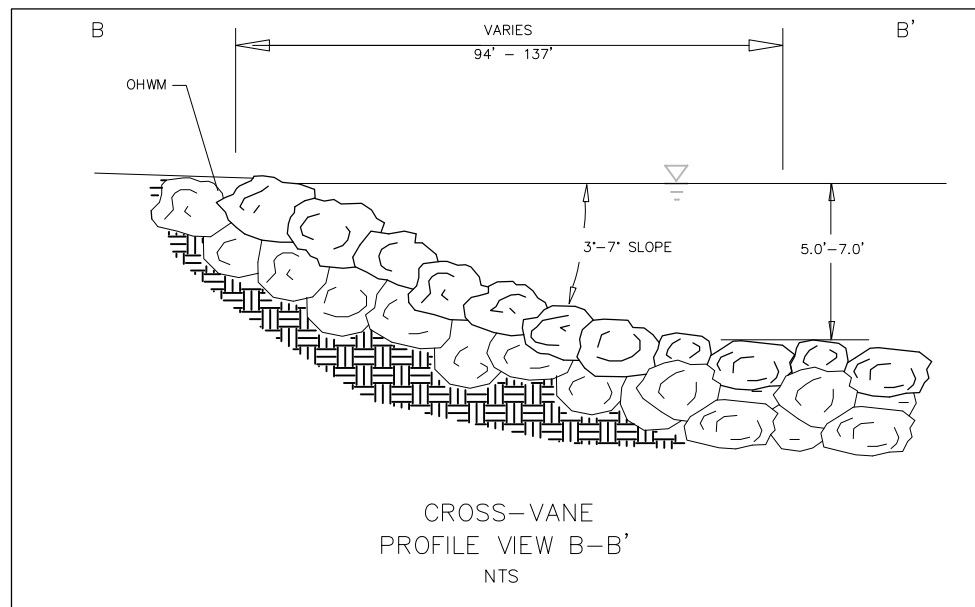
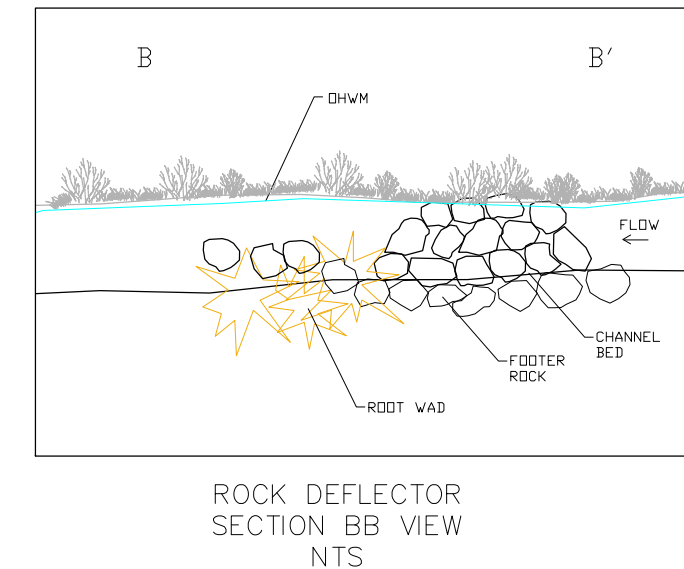
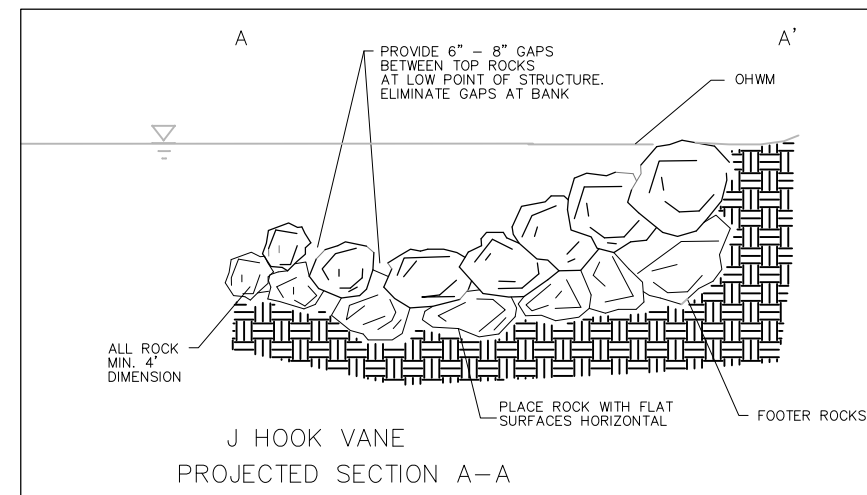
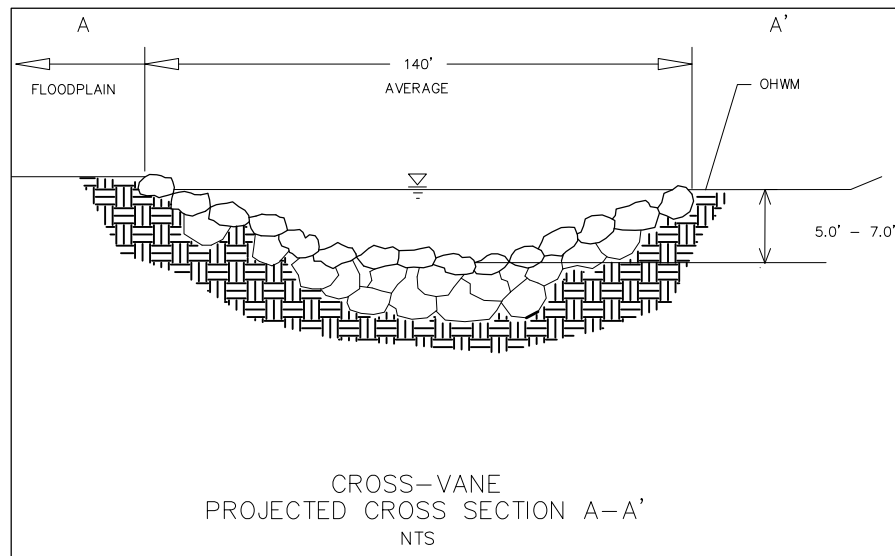
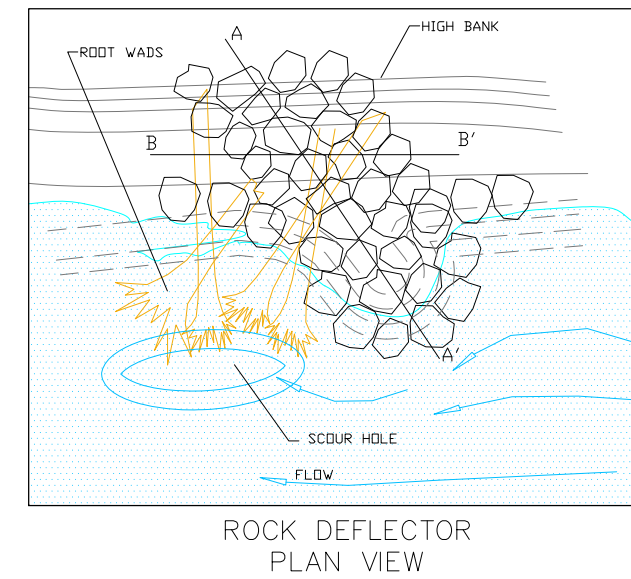
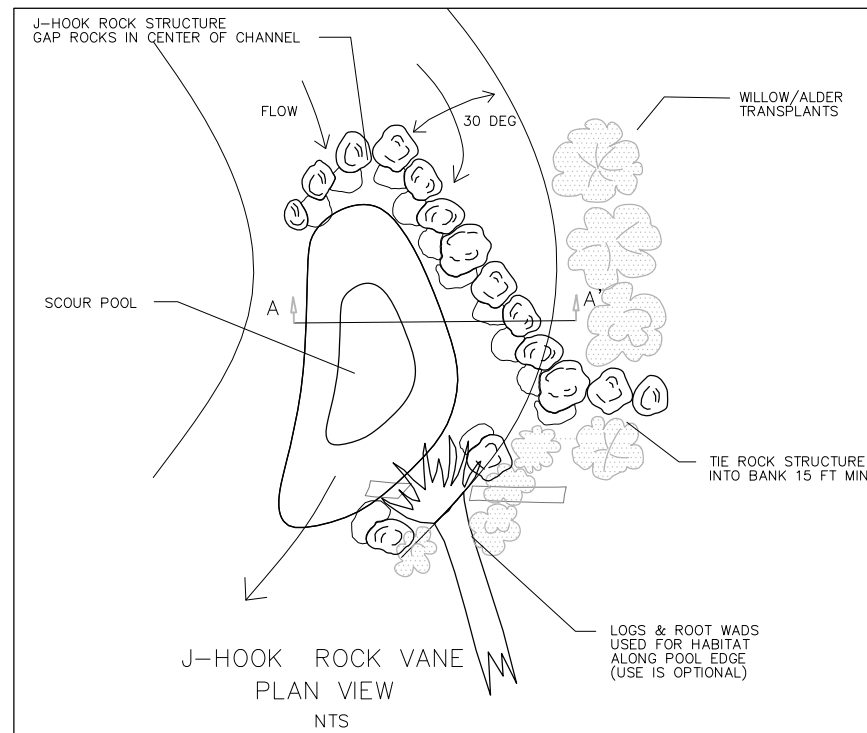
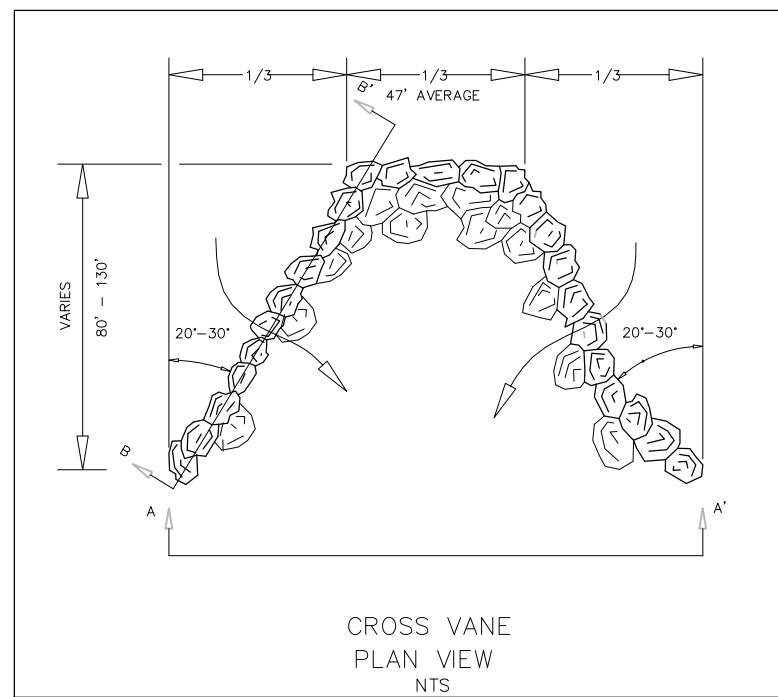


SECTION BB NTS



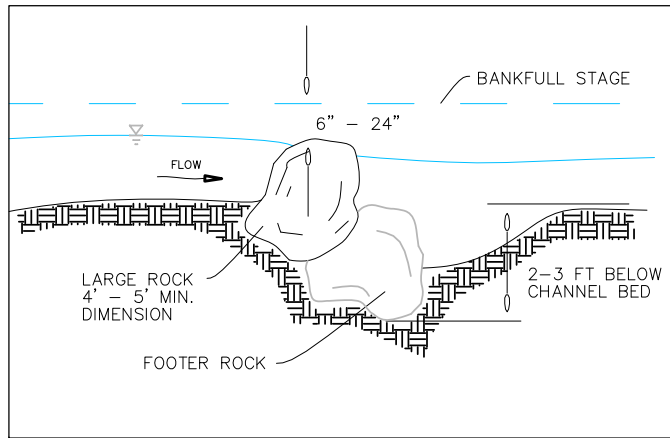
SECTION AA NTS

Riverbend Engineering, LLC 102 Third St., P. O. Box 2979, Pagosa Springs, CO 81147 Tel: 970.264.1195 FAX: 970.264.1196 Email: cphillips@frontier.net	RGRF	Sheet
	DEL NORTE RIVER IMPROVEMENT PROJECT	4
	WW STRUCTURE DETAILS	of 6
	Scale: AS SHOWN	12/21/2017

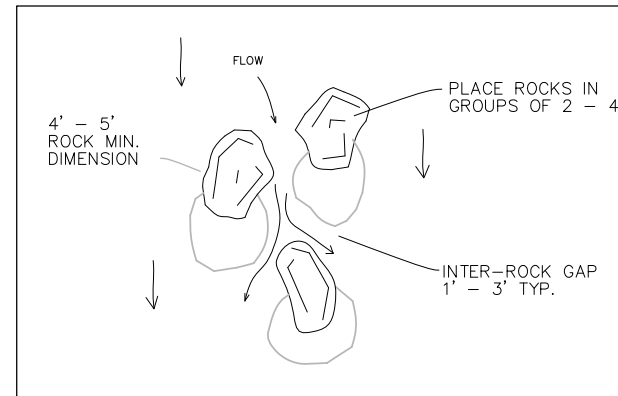


Riverbend Engineering, LLC
102 Third St., P. O. Box 2979, Pagosa Springs, CO 81147
Tel: 970.264.1195 FAX: 970.264.1196 Email: cphilips@frontier.net

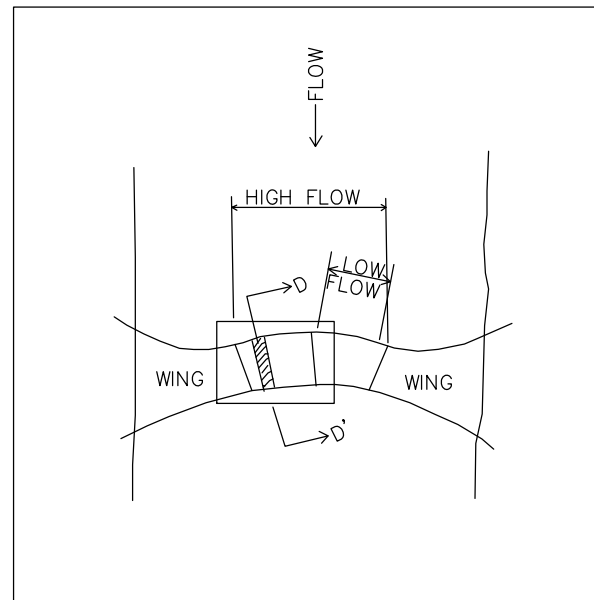
RGRF	Sheet
DEL NORTE RIVER IMPROVEMENT PROJECT	5
DETAILS	of
	6
Scale: AS SHOWN	12/21/2017



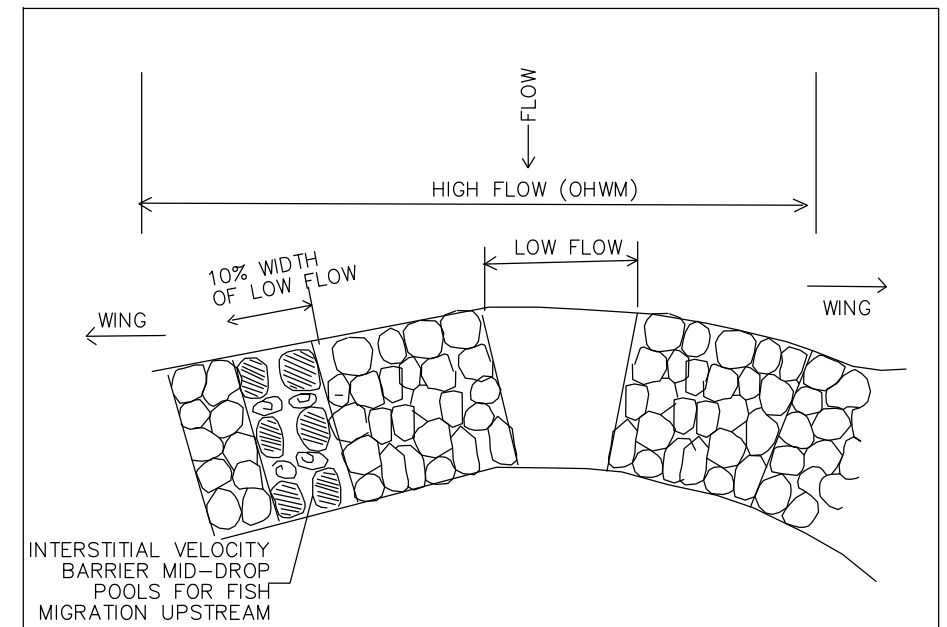
HABITAT ROCK CLUSTER
SECTION VIEW
NTS



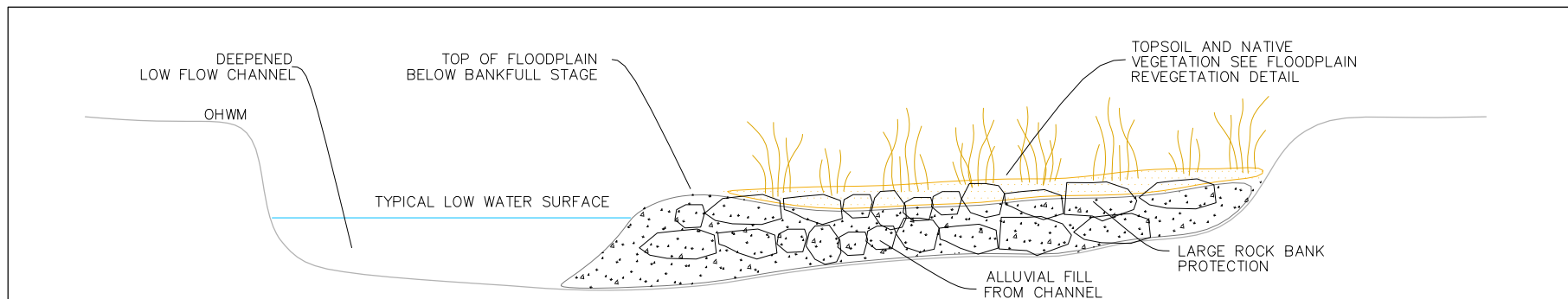
HABITAT ROCK CLUSTER
PLAN VIEW
NTS



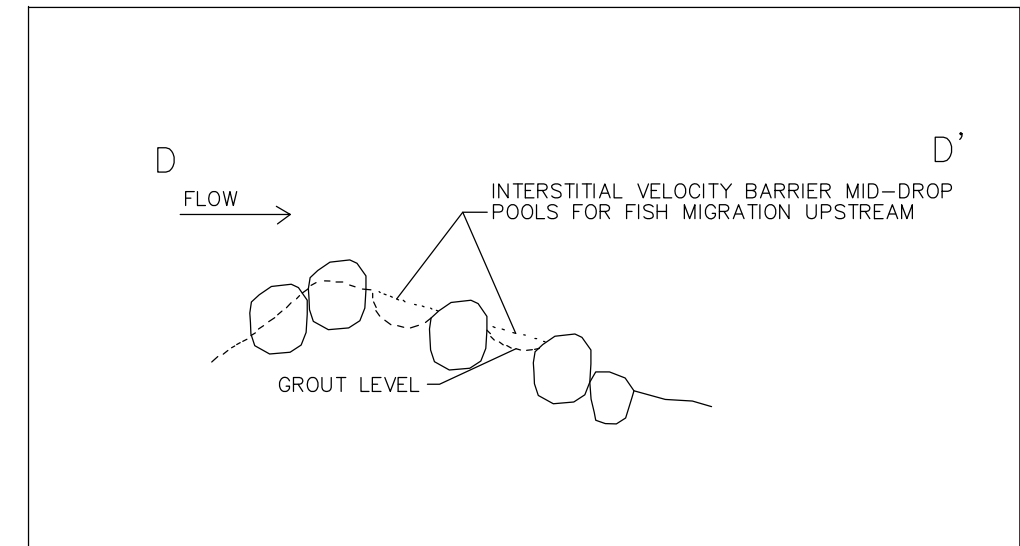
PLAN VIEW OF
DROP STRUCTURE
NTS



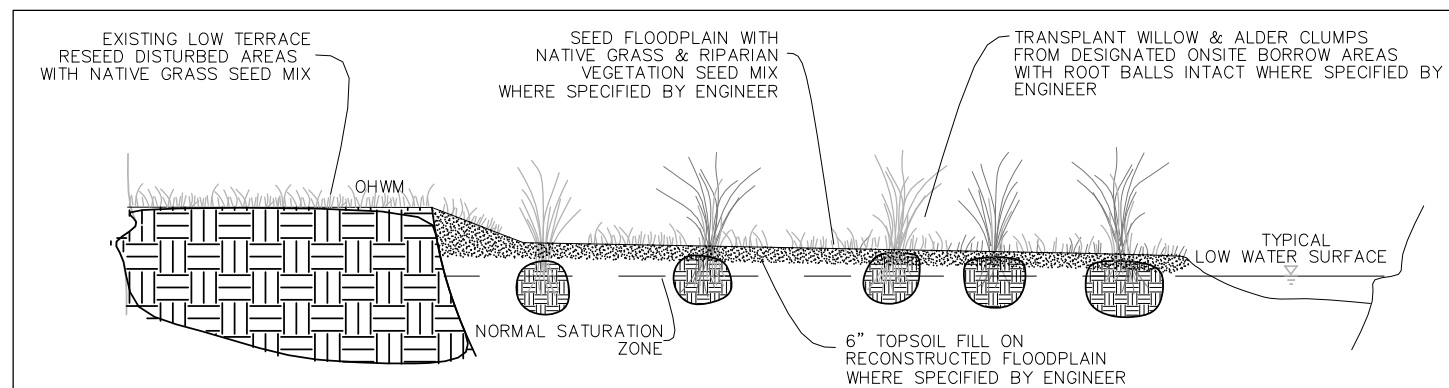
PLAN VIEW DETAIL
FISH PASSAGE STRUCTURE
NTS



ROCK PROTECTED BANKFULL BENCH
NTS



D-D' SECTION VIEW FISH PASSAGE CHANNEL
NTS



REVEGETATION DETAIL
NTS

Riverbend Engineering, LLC
102 Third St., P. O. Box 2979, Pagosa Springs, CO 81147
Tel: 970.264.1195 FAX: 970.264.1196 Email: cphillips@frontier.net

RGRF		Sheet
DEL NORTE RIVER IMPROVEMENT PROJECT		6
CONSTRUCTION DETAILS DETAILS		of 6
Scale: AS SHOWN	12/21/2017	