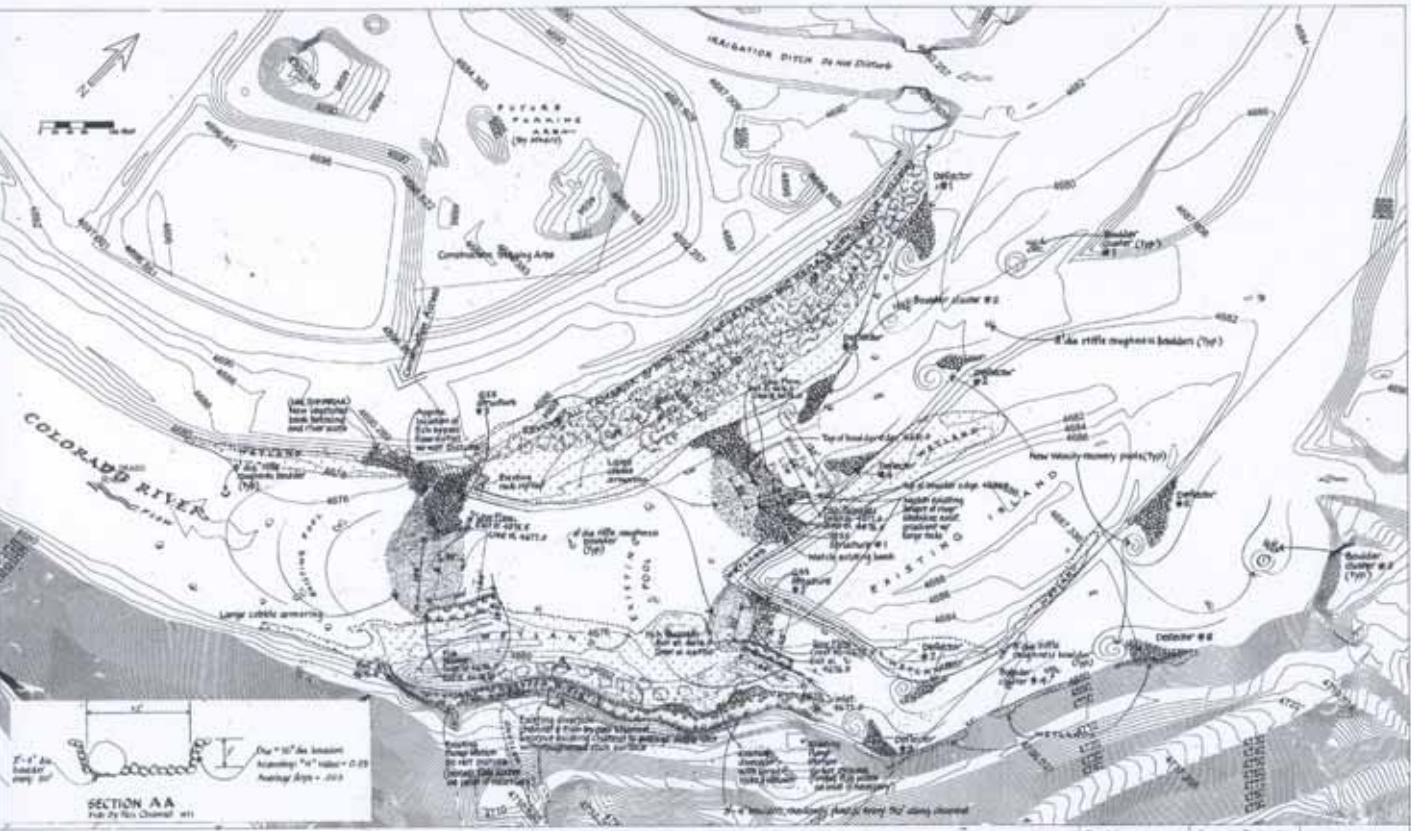
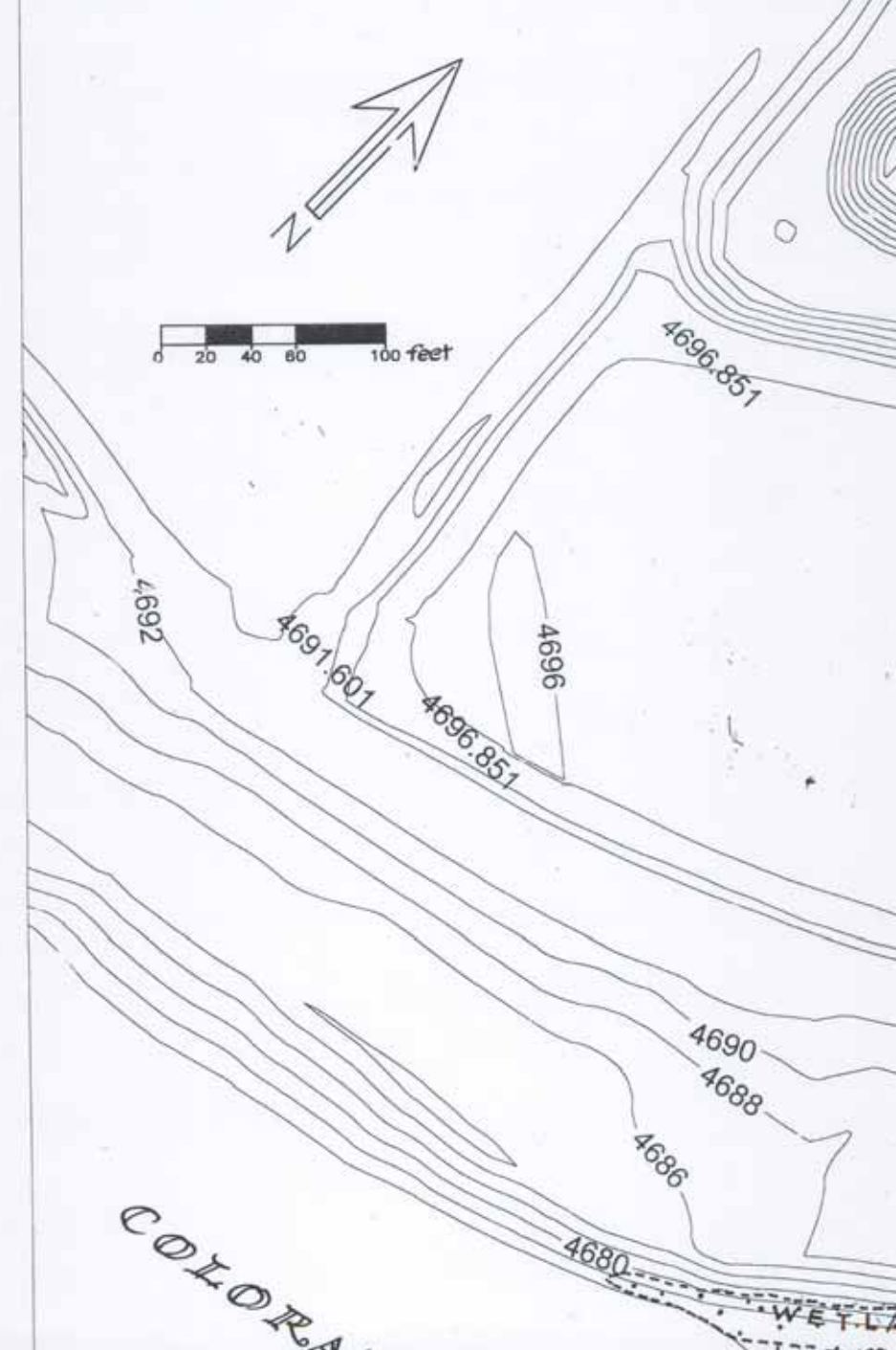
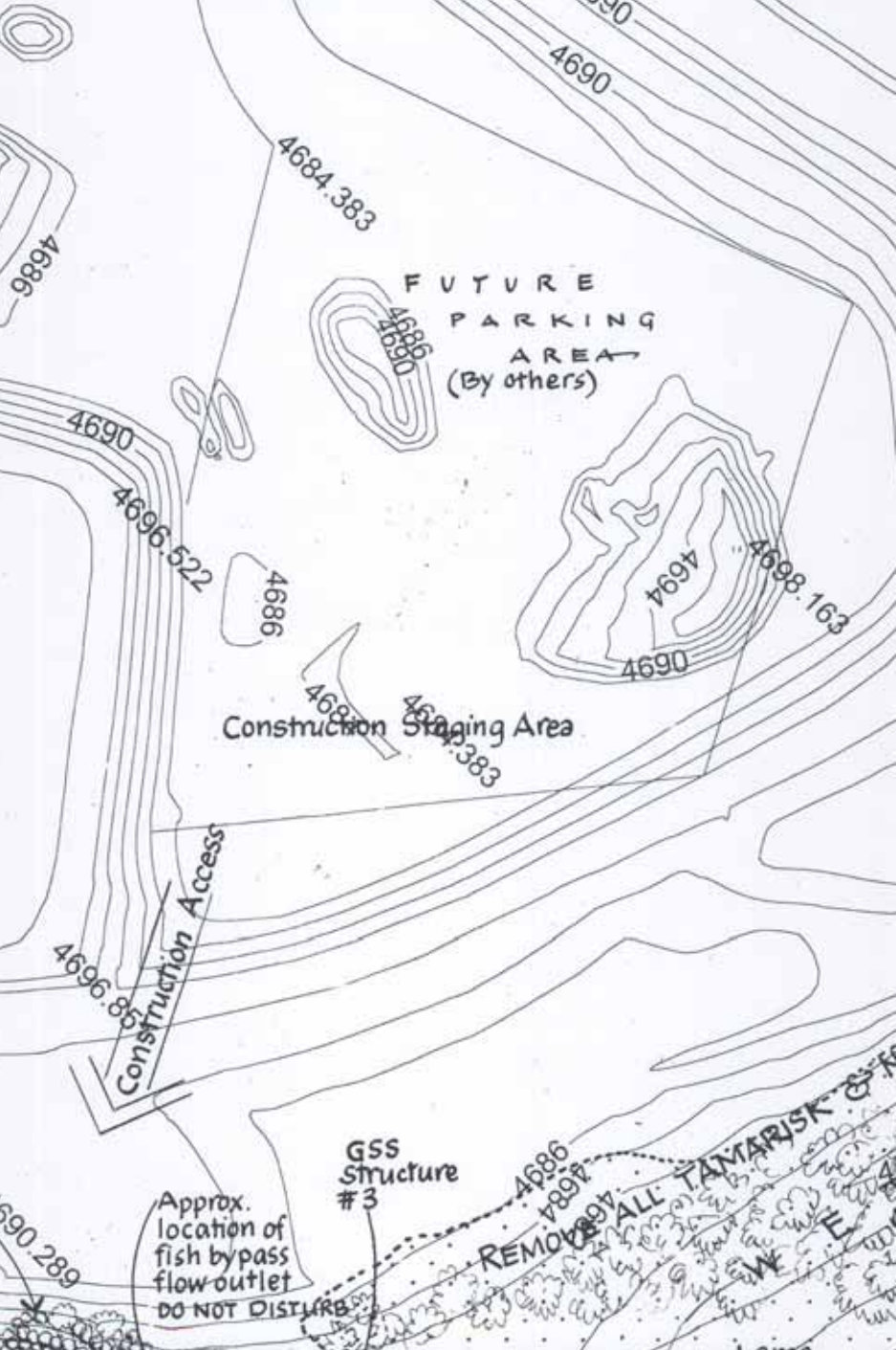
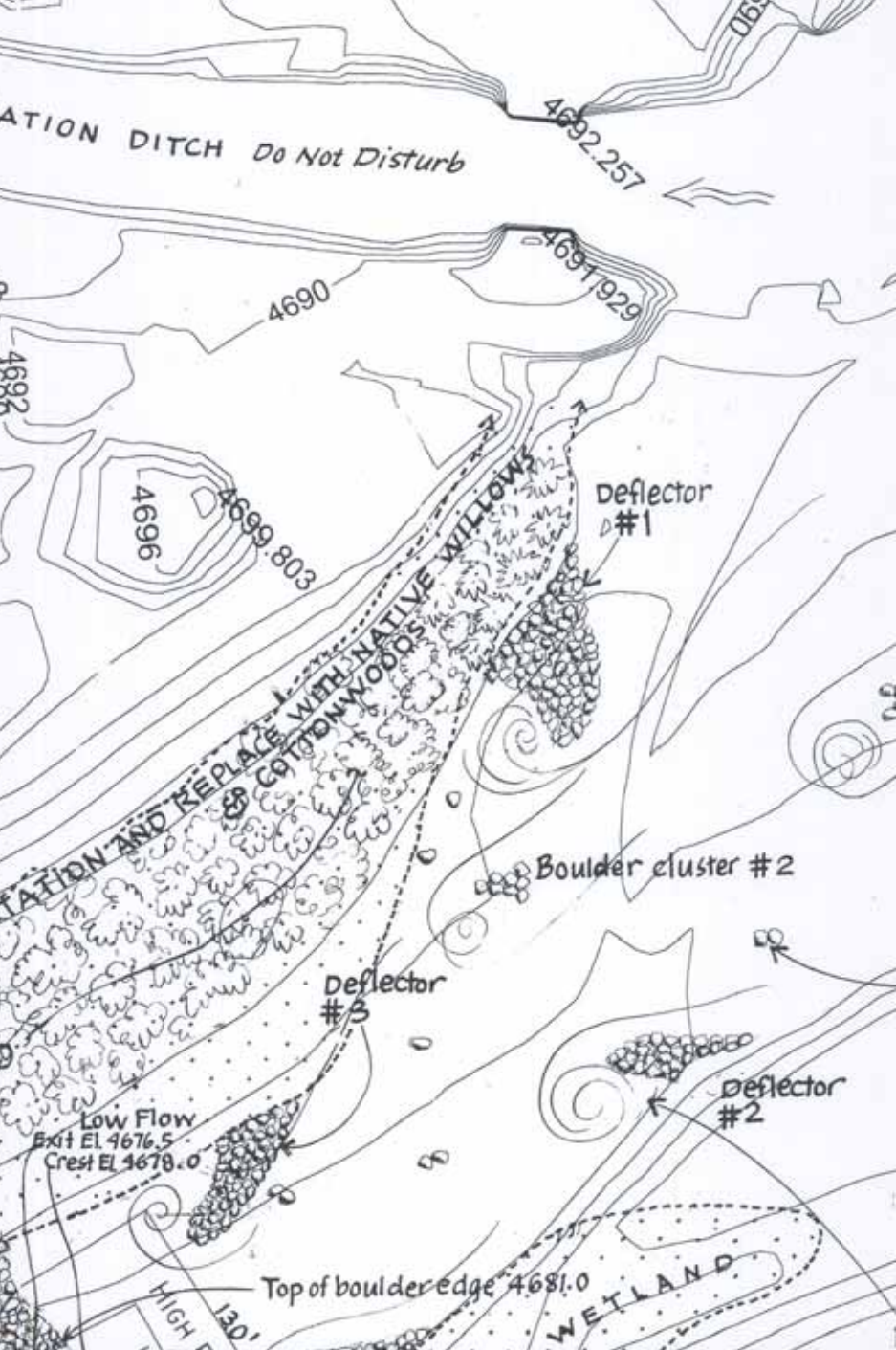


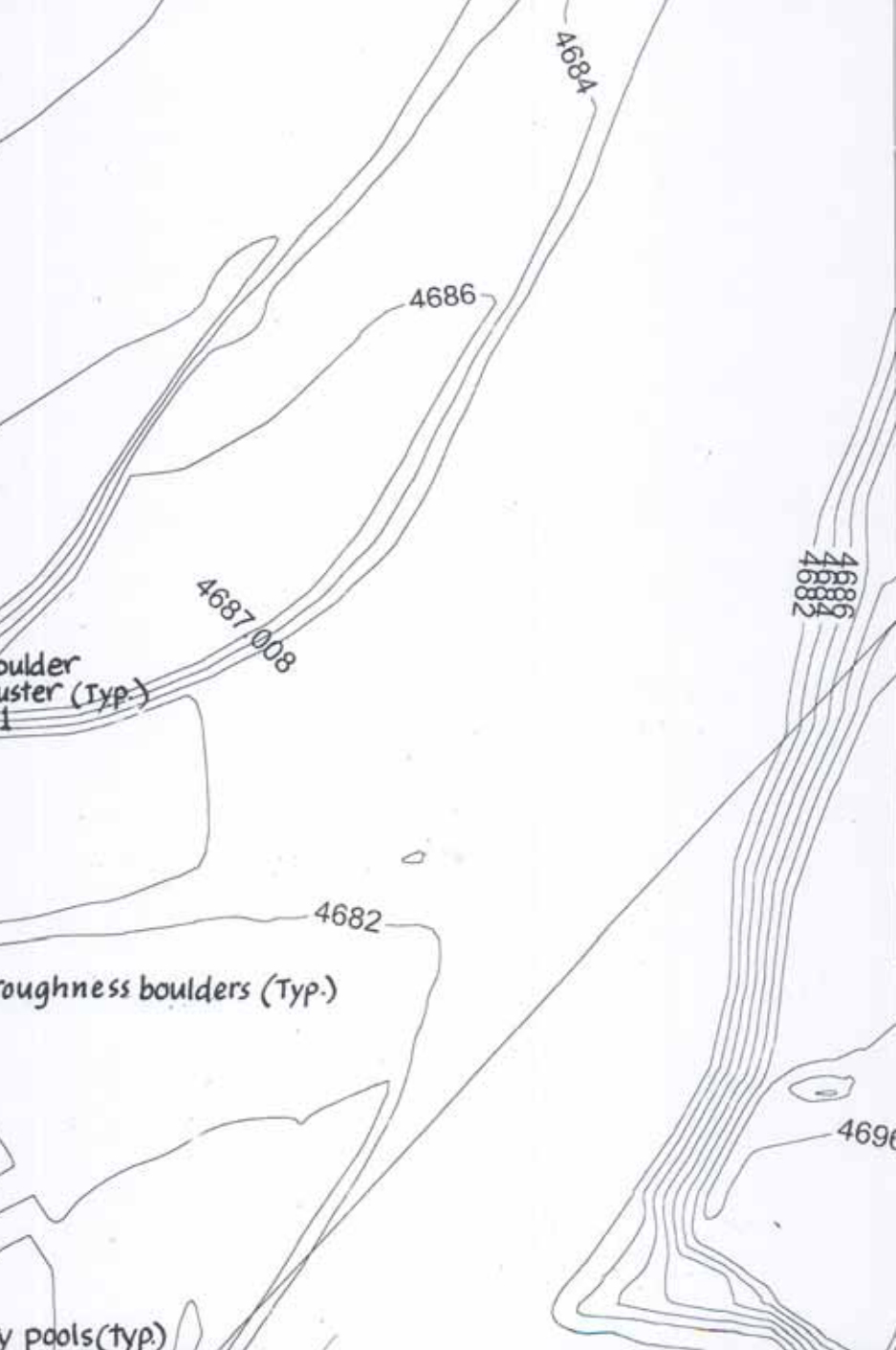
Page Number:	Client Information:	Project:		Revisions:	
	Town of Palisade 175 East 3rd Street P.O. Box 128 Palisade, CO 81526-0128	RIVER IMPROVEMENTS TO THE COLORADO RIVER AT RIVERBEND PARK PALISADE, COLORADO	KEY: wetland		Recreation Engineering and Planning [illegible] www.boomparks.com "We get the Project off the Paper and on the Water"

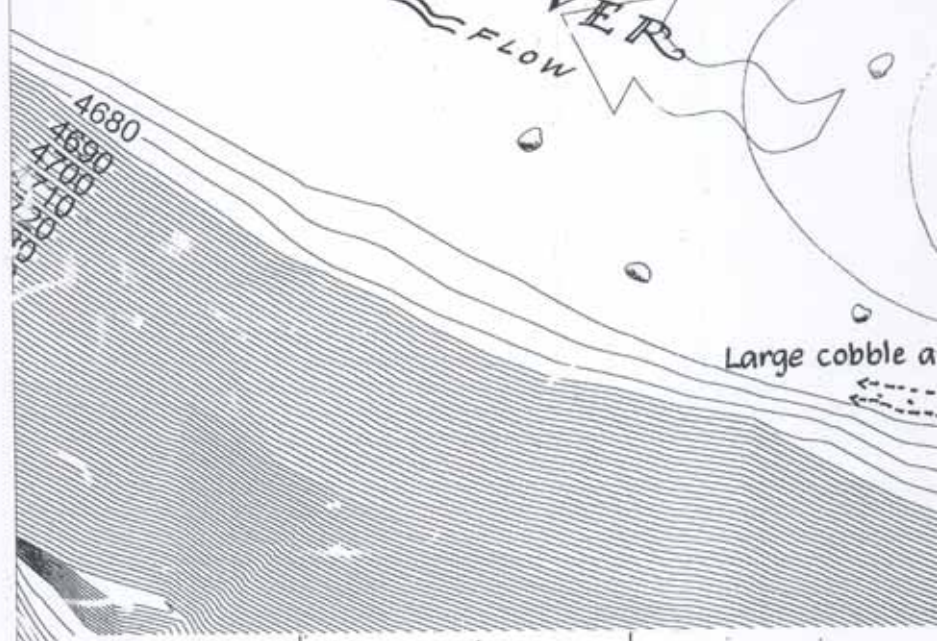
Recreation Engineering and Planning
wwparks.com

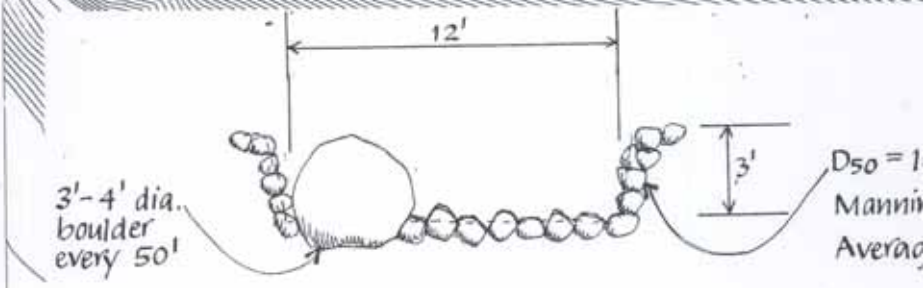

N
0 20 40 60 100 feet
4696.851
4692
4691.601
4696.851
4696
4690
4688
4686
4680
COLORA
WETLA


4690
4684.383
4686
FUTURE
PARKING
AREA
(By others)
4686
4690
4690
4696.522
4686
4694
4698.163
4690
Construction Staging Area
Construction Access
4696.85
GSS
Structure
#3
4686
4684
Approx.
location of
fish bypass
flow outlet
DO NOT DISTURB
690.289
REMOVE ALL TAMARISK


ATION DITCH Do Not Disturb
4692.257
4691.929
4690
4692
4696
4699.803
Deflector #1
TATION AND REPLACE WITH NATIVE WILLOWS & COTTONWOODS
Boulder cluster #2
Deflector #3
Deflector #2
Low Flow
Exit El. 4676.5
Crest El. 4678.0
Top of boulder edge 4681.0
WETLAND
HIGH
130'

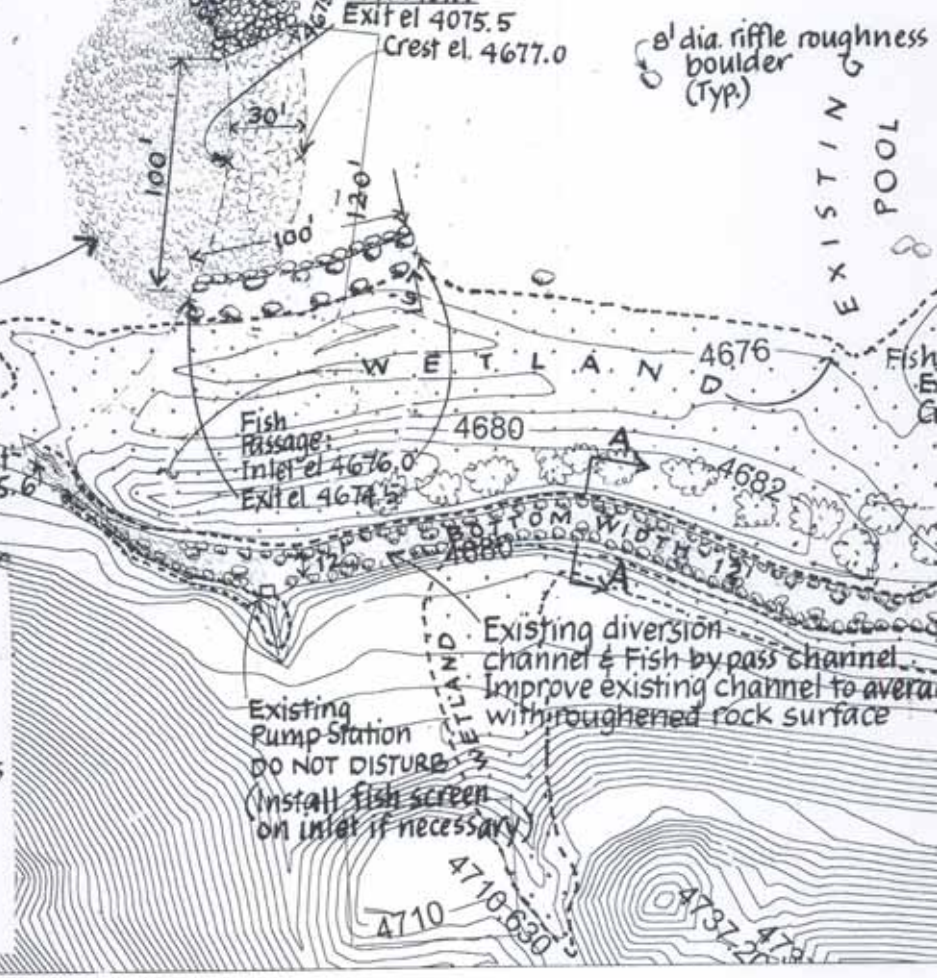

4684
4686
4687
008
oulder
uster (Typ.)
1
4682
oughness boulders (Typ.)
4686
4684
4682
y pools(Typ.)





SECTION AA
Fish By Pass Channel NTS

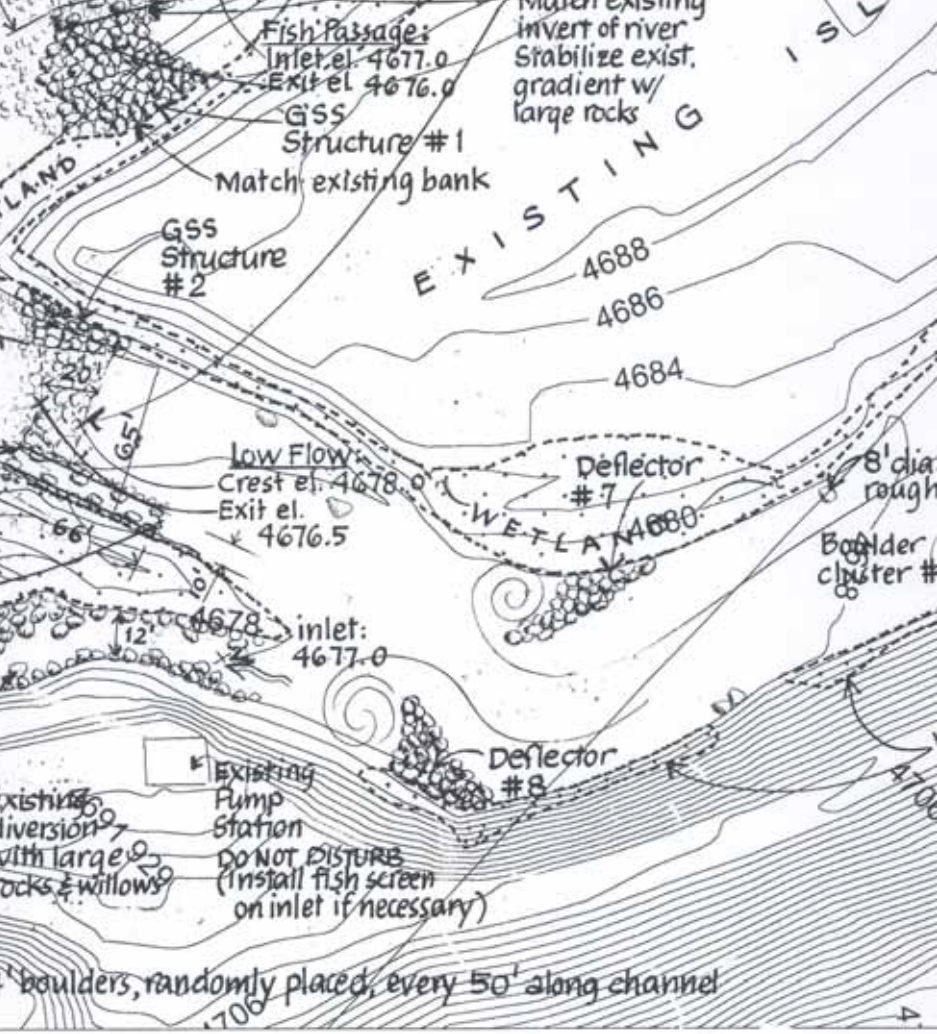
Page Number:	Client Information:	Project:
	Town of Palisade 175 East 3rd Street P.O. Box 128 Palisade, CO 81526-0128	



RIVER IMPROVEM

COLORADO RIVER AT

PALISADE, C



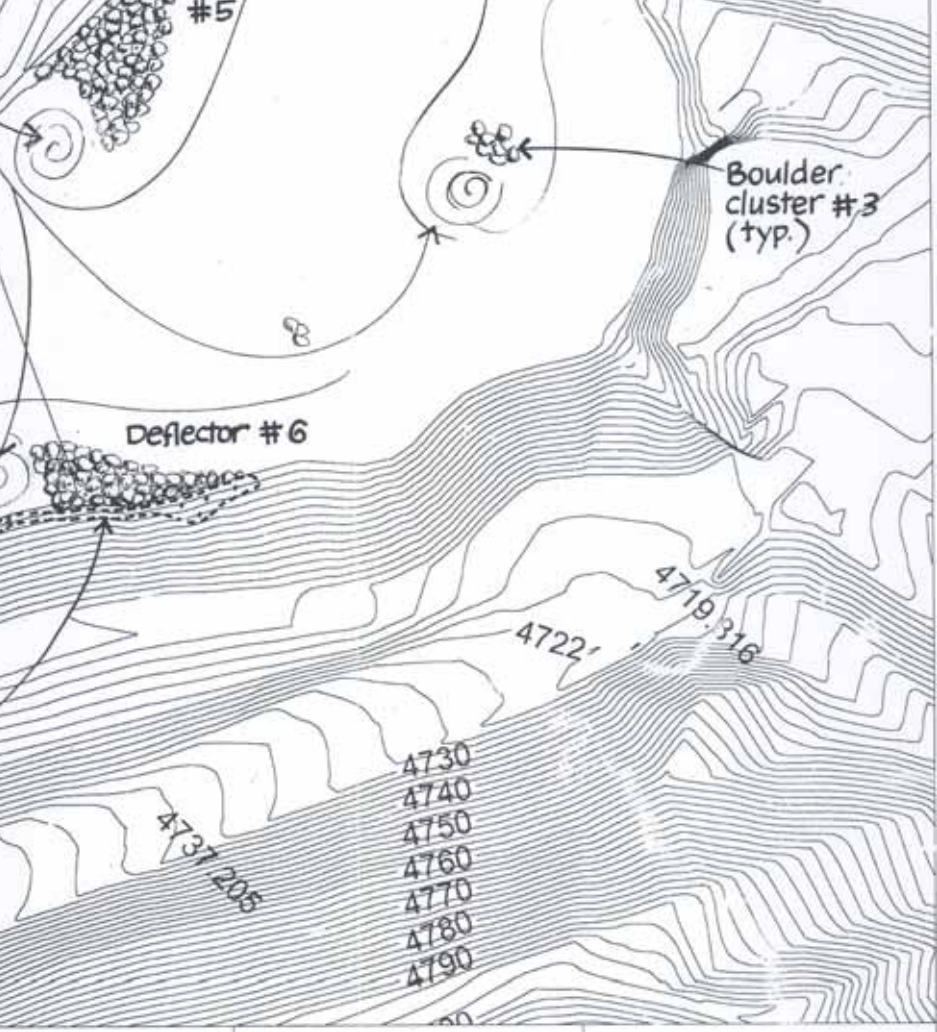
O THE

END PARK

OO

KEY:

We



ions:

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485 Arapahoe Ave.
Boulder | CO | 80302
www.boaterparks.com

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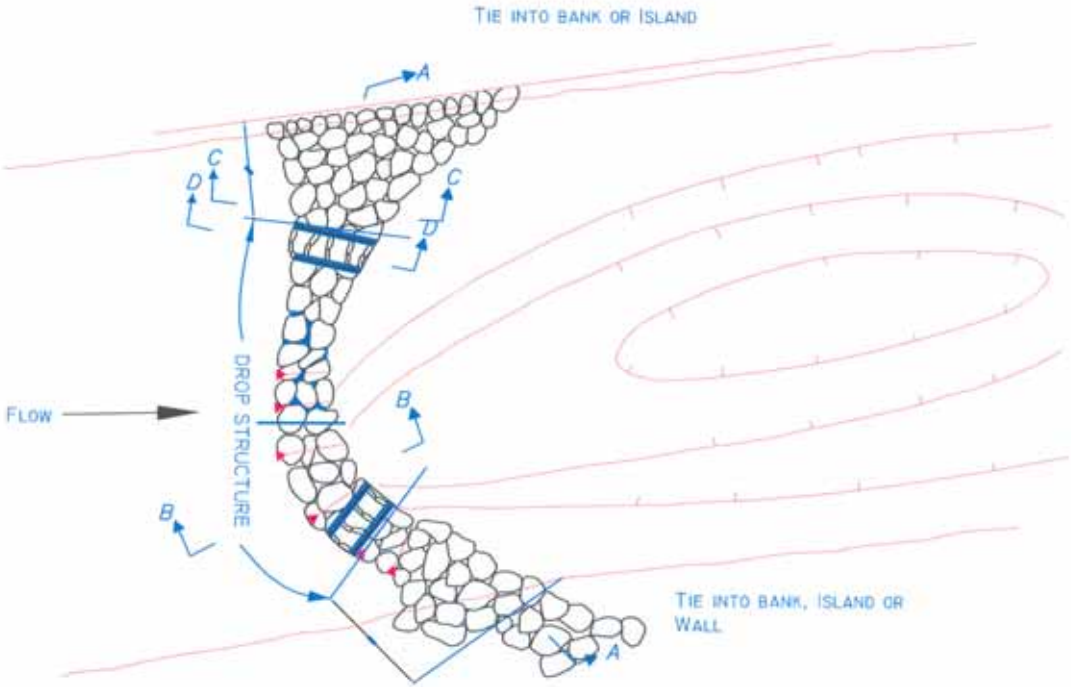
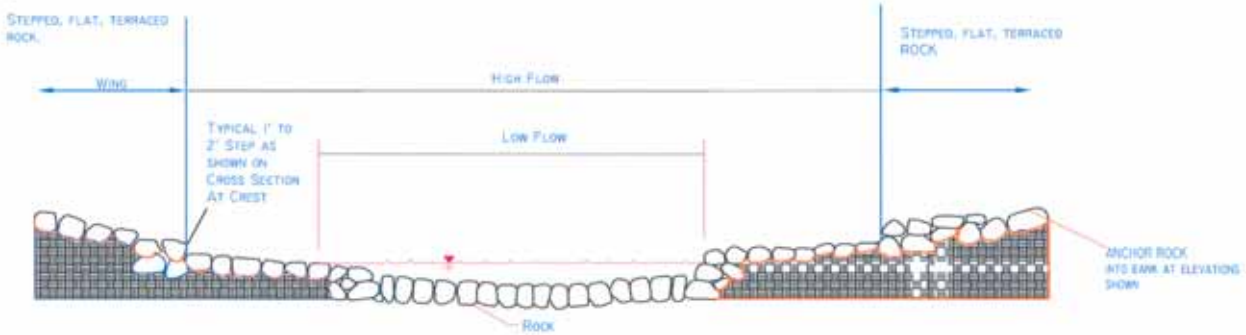
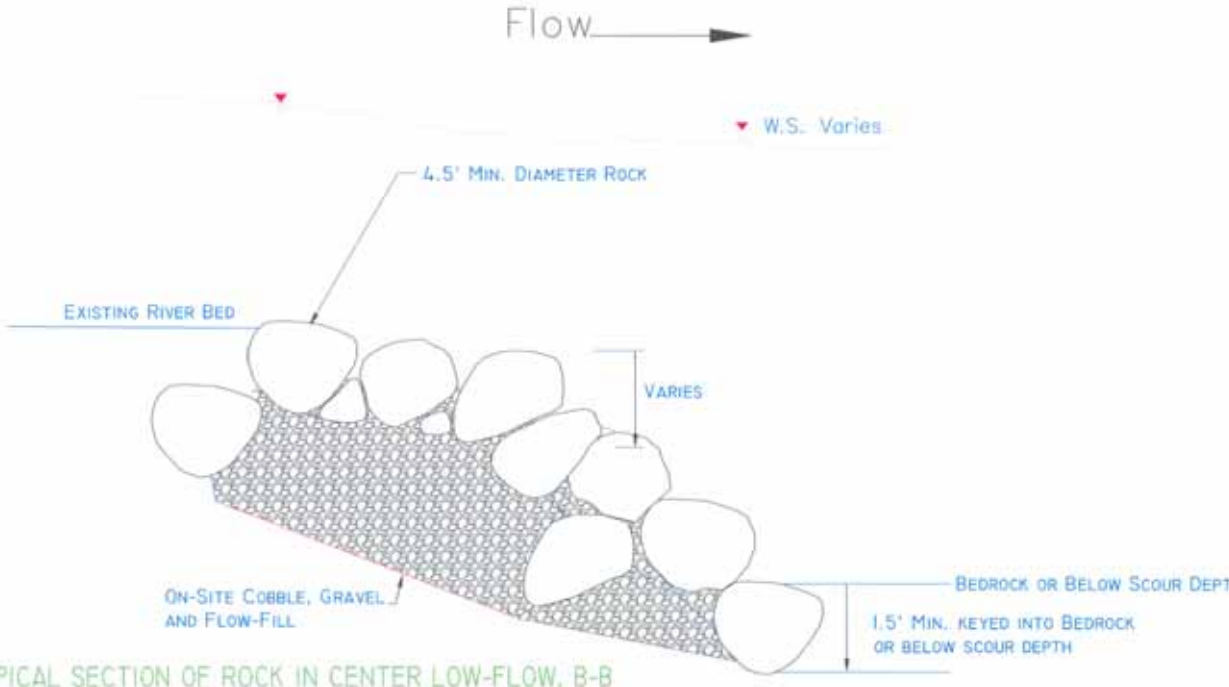


TYPICAL GRADIENT STABILIZATION STRUCTURE



TYPICAL CROSS SECTION GSS STRUCTURE BANK TO BANK, A-A

LOOKING DOWNSTREAM - N. T. S.



TYPICAL SECTION OF ROCK IN CENTER LOW-FLOW, B-B

N.T.S.

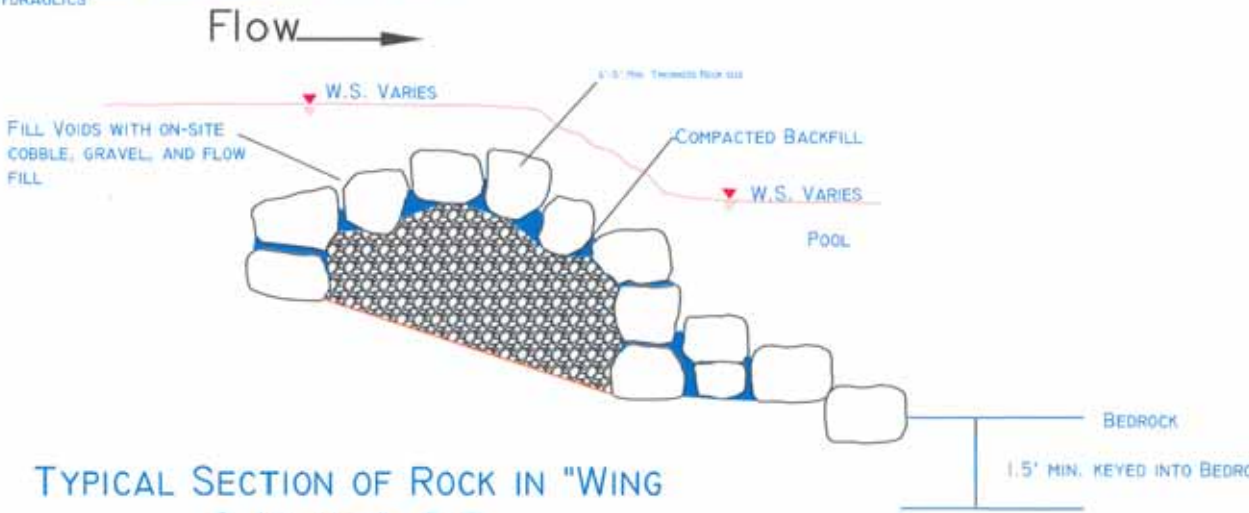
ber:	Client Information: Town of Palisade 175 East 3rd Street P.O. Box 128 Palisade, CO 81526-0128	Project: River Improvements to the colorado river at riverbend park Palisade, Colorado	Revisions:

NOTE:

A) FILL VOIDS WITH ON-SITE COBBLE, GRAVEL, AND FLOW FILL HELD BACK 12"-18" BELOW SURFACE ALL ROCK TO BE CLEAN AND SWEPT ONCE VOIDS ARE FILLED.

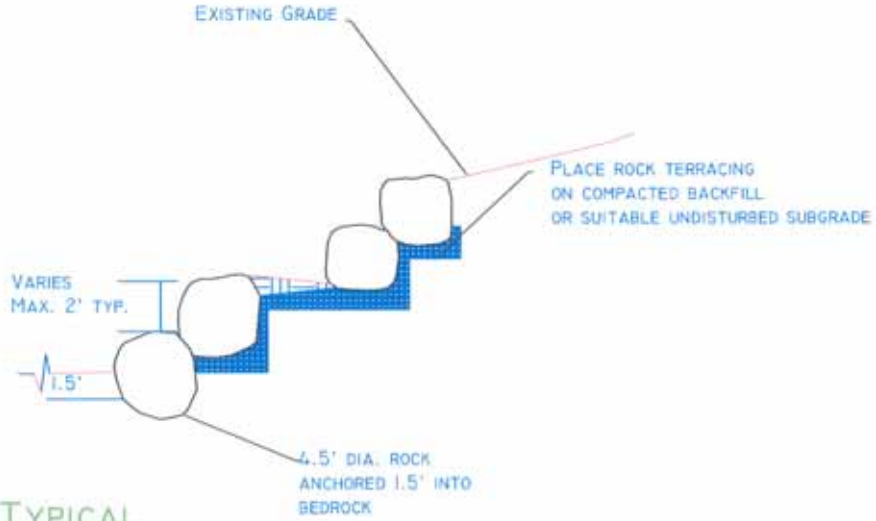
B) MAKE ISLANDS ROUNDED TO PREVENT DEEP WATER BOAT PINS ON UPSTREAM SIDE AS AS SPECIFIED BY WHITEWATER ENGINEER.

C) STEP BACK SIDE OF ISLANDS AND WINGS WITH 18" TO 30" STEPS TO BREAK UP HYDRAULICS



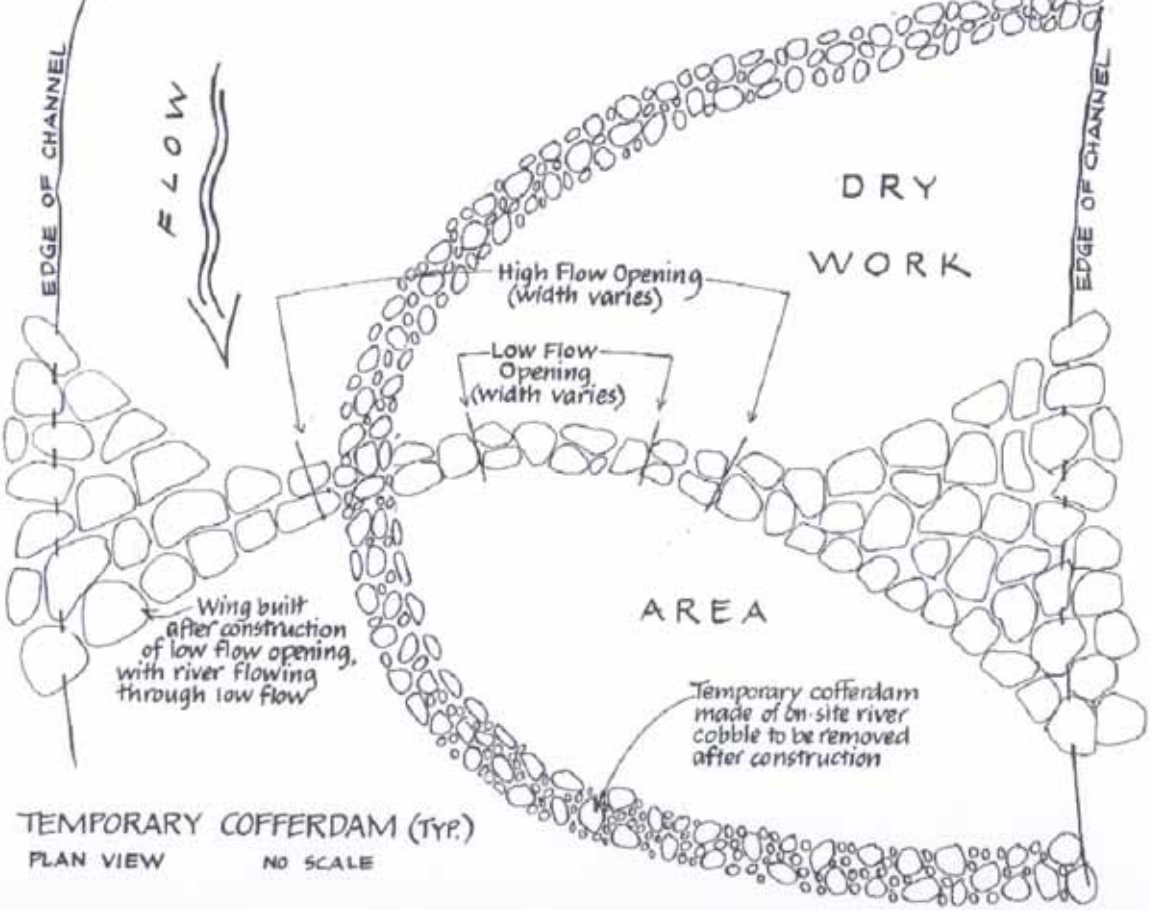
TYPICAL SECTION OF ROCK IN "WING & ISLAND", C-C

N. T. S.



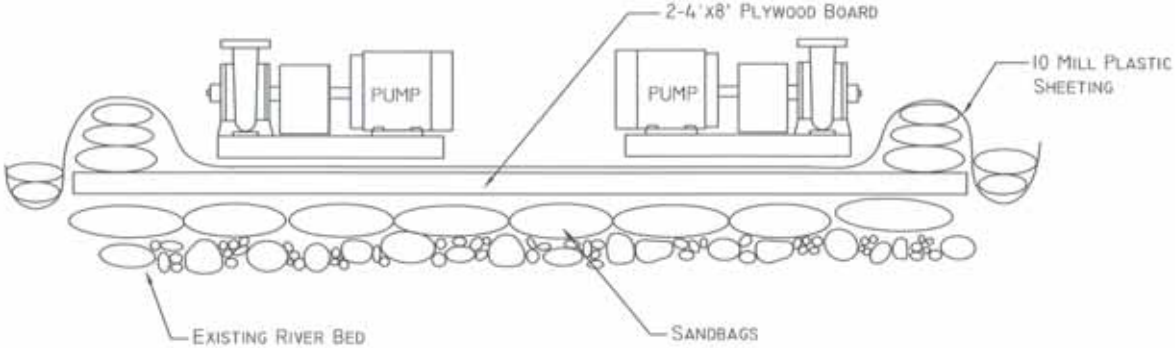
TERRACED ROCK TYPICAL

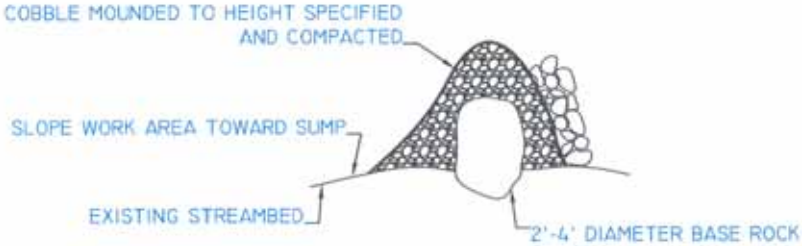
N.T.S.



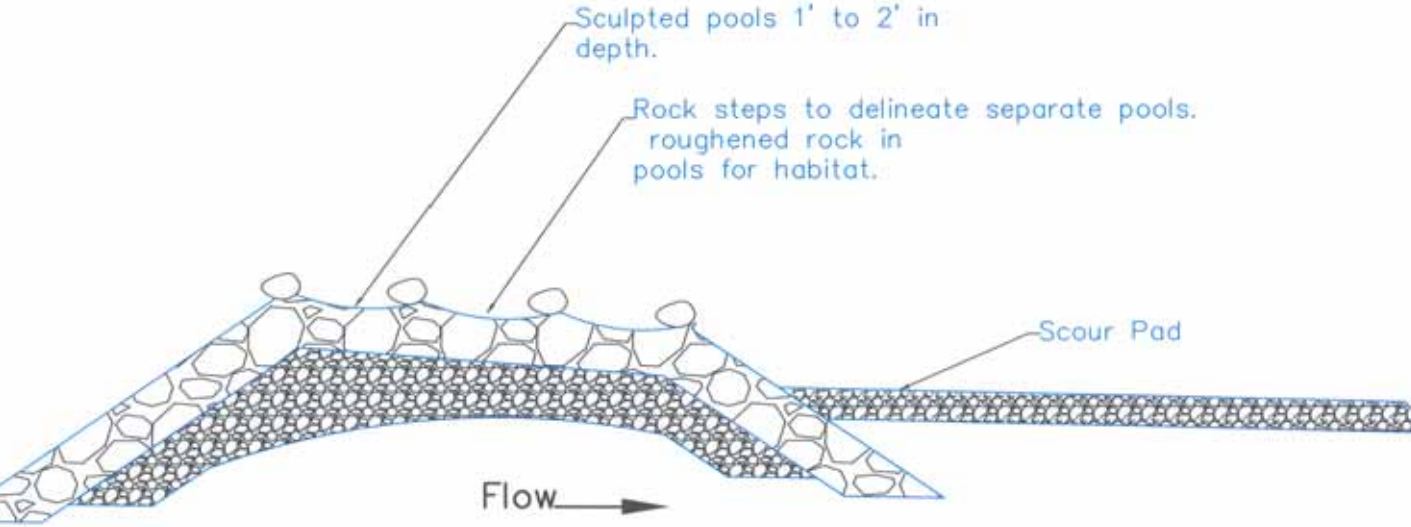
TEMPORARY COFFERDAM (TYP.)

PLAN VIEW NO SCALE


2-4'x8' PLYWOOD BOARD
PUMP
PUMP
10 MILL PLASTIC SHEETING
EXISTING RIVER BED
SANDBAGS



TYPICAL COFFER DAM CROSS SECTION



TYPICAL SECTION OF LOW VELOCITY
FISH BYPASS CHANNEL, D-D

N. T. S.