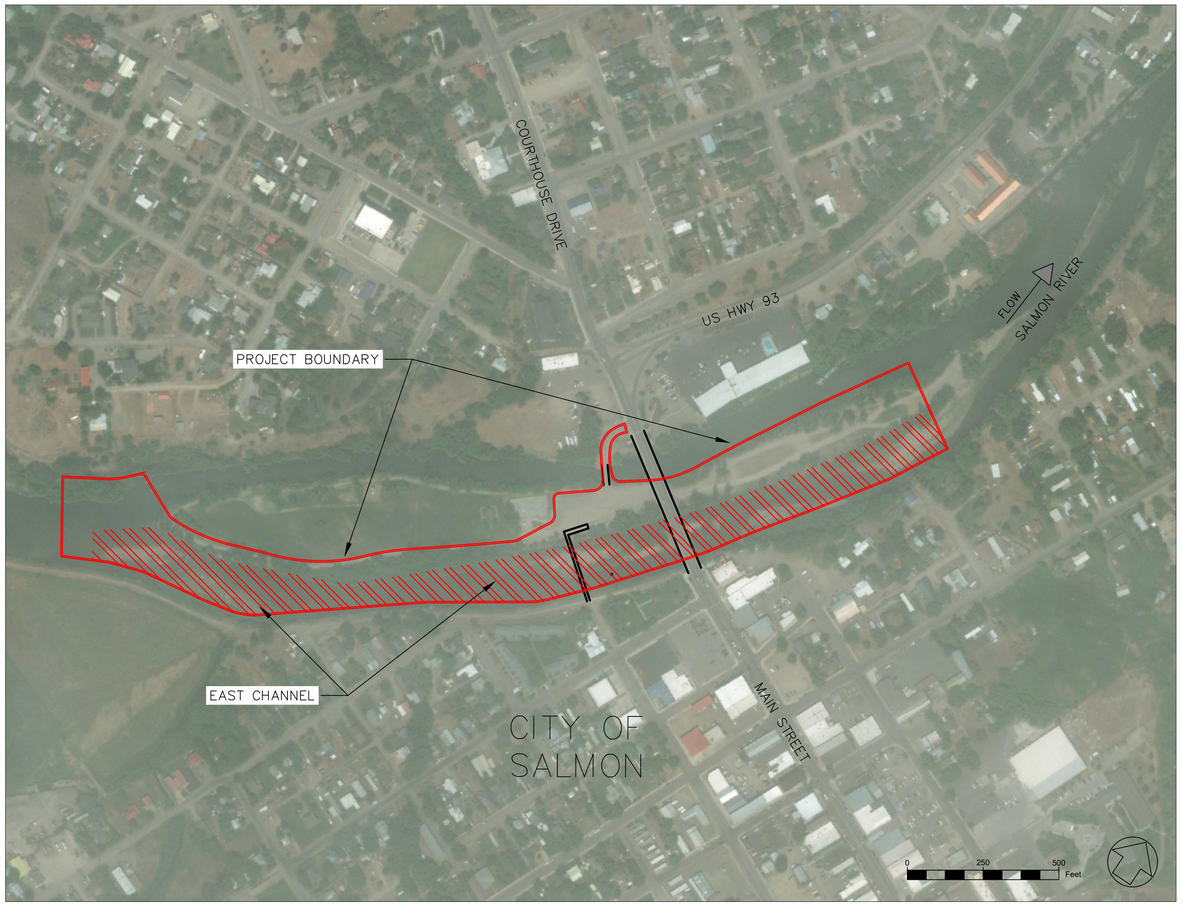
SALMON WHITEWATER PARK
S2O Design and Engineering
SALMON, IDAHO
JULY, 2020



LOCATION MAP: STATION AND RIVER
NTS

SHEET INDEX		----- 60% DESIGN DRAWINGS	------ 90% DESIGN DRAWINGS	----- 100 % DESIGN DRAWINGS
WW-0.0	COVER PAGE	☒	☒	
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WW-0.2	OVERALL SITE PLAN	☒	☒	
WW-0.3	OVERALL PROFILE	☒	☒	
WW-0.4	OVERALL STAGING AND ACCESS PLAN	☒	☒	
WW-1.0	EXCAVATION AREA 1 DETAILED PLAN AND PROFILE	☒	☒	
WW-1.1	EXCAVATION AREA 1 CROSS SECTIONS (1)	☒	☒	
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WW-6.0	TYPICAL DETAILS (1)			
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WW-6.2	TYPICAL DETAILS (3)	☒	☒	
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WW-7.0	DEWATERING PLAN	☒	☒	
WW-7.1	TYPICAL DEWATERING DETAILS (1)	☒	☒	
WW-7.2	TYPICAL DEWATERING DETAILS (2)	☒	☒	
WW-8.0	TYPICAL BMP'S (1)	☒	☒	
WW-8.1	TYPICAL BMP'S (2)	☒	☒	
WW-8.2	TYPICAL BMP'S (3)	☒	☒	

KEY

☒ ISSUED FOR INFORMATION AND COORDINATION
◪ ISSUED FOR INFORMATION AND COORDINATION, AND PRICING
■ ISSUED FOR CONSTRUCTION
▩ ISSUED FOR PRICING

NUMBERING SYSTEM:

DISCIPLINE:
WW=WHITEWATER
FEATURE NUMBER
DRAWING NUMBER
WW-9.11

S2O Design and Engineering
Scott Shipley, P.E.
318 Mcconnell Drive
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USA
(303) 819-3985

Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
COVER

Revisions:

Drawn By:
NATHAN WERNER, CHRISTINE CLARK

Checked By:
SCOTT SHIPLEY

Date:

Vertical Datum:
NADD 88

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Scale:

Sheet:
WW-0.0

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S2O Design and Engineering

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Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
EXISTING CONDITIONS

Revisions:

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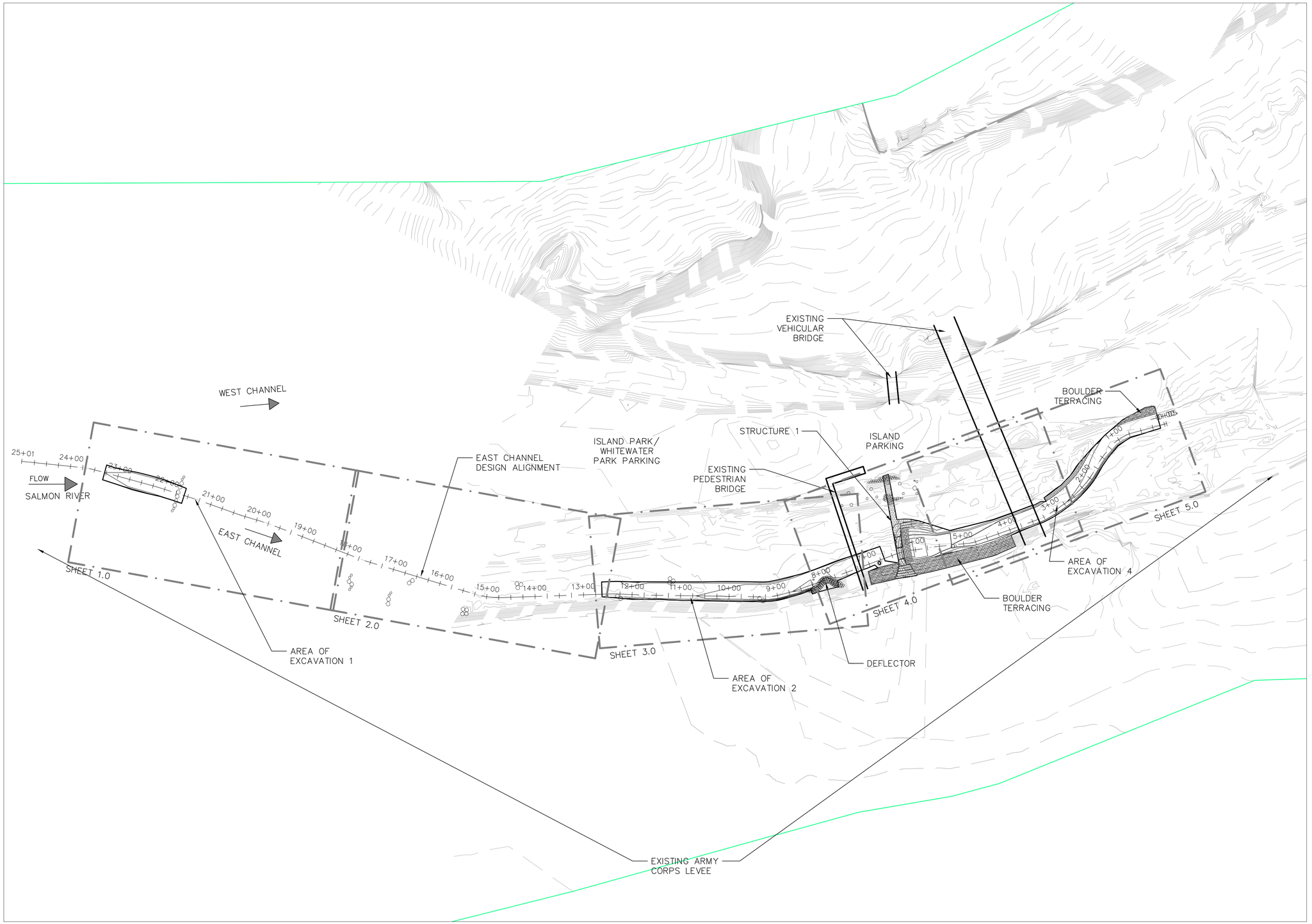

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S2O Design and Engineering

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Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
OVERALL SITE PLAN

Revisions:

Drawn By:
NATHAN WERNER, CHRISTINE CLARK

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SCOTT SHIPLEY

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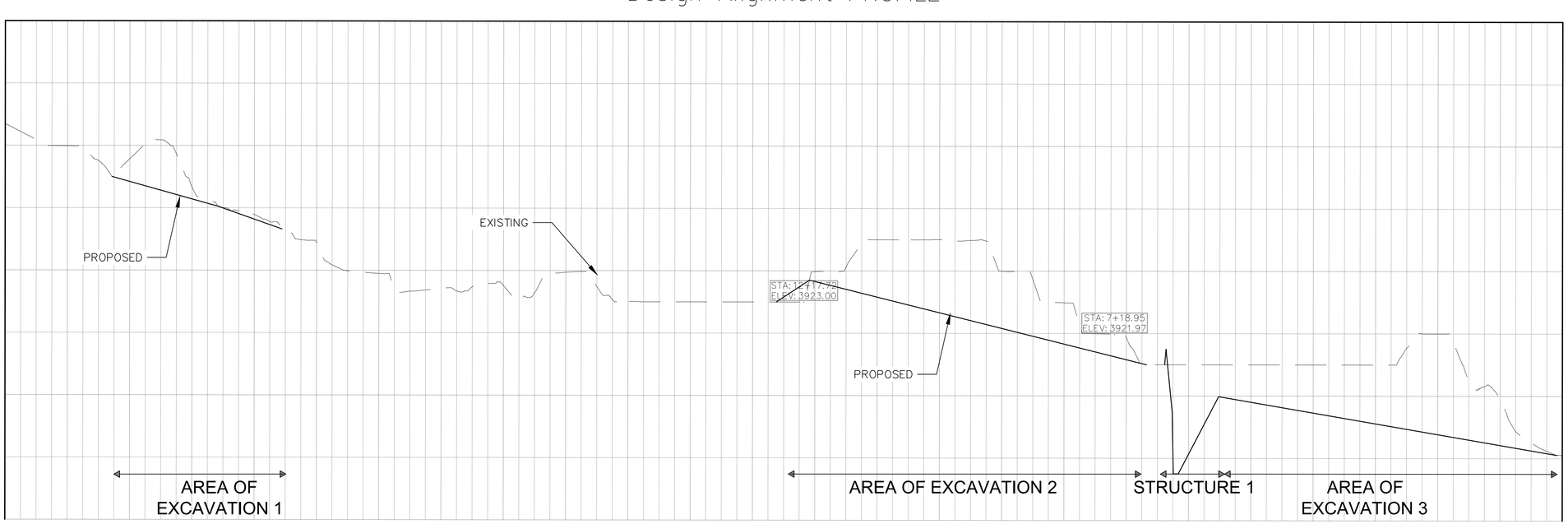
Design Alignment PROFILE



KEY

PROPOSED GROUND

EXISTING CONDITIONS GROUND

S2O Design and Engineering

Scott Shipley, P.E.
318 Mcconnell Drive
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Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
OVERALL PROFILE VIEW

Revisions:

Drawn By:
NATHAN WERNER, CHRISTINE CLARK

Checked By:
SCOTT SHIPLEY

Date:

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NADD 88

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Scale: 1:100

0 100 200 Feet

Sheet:
WW-0.3

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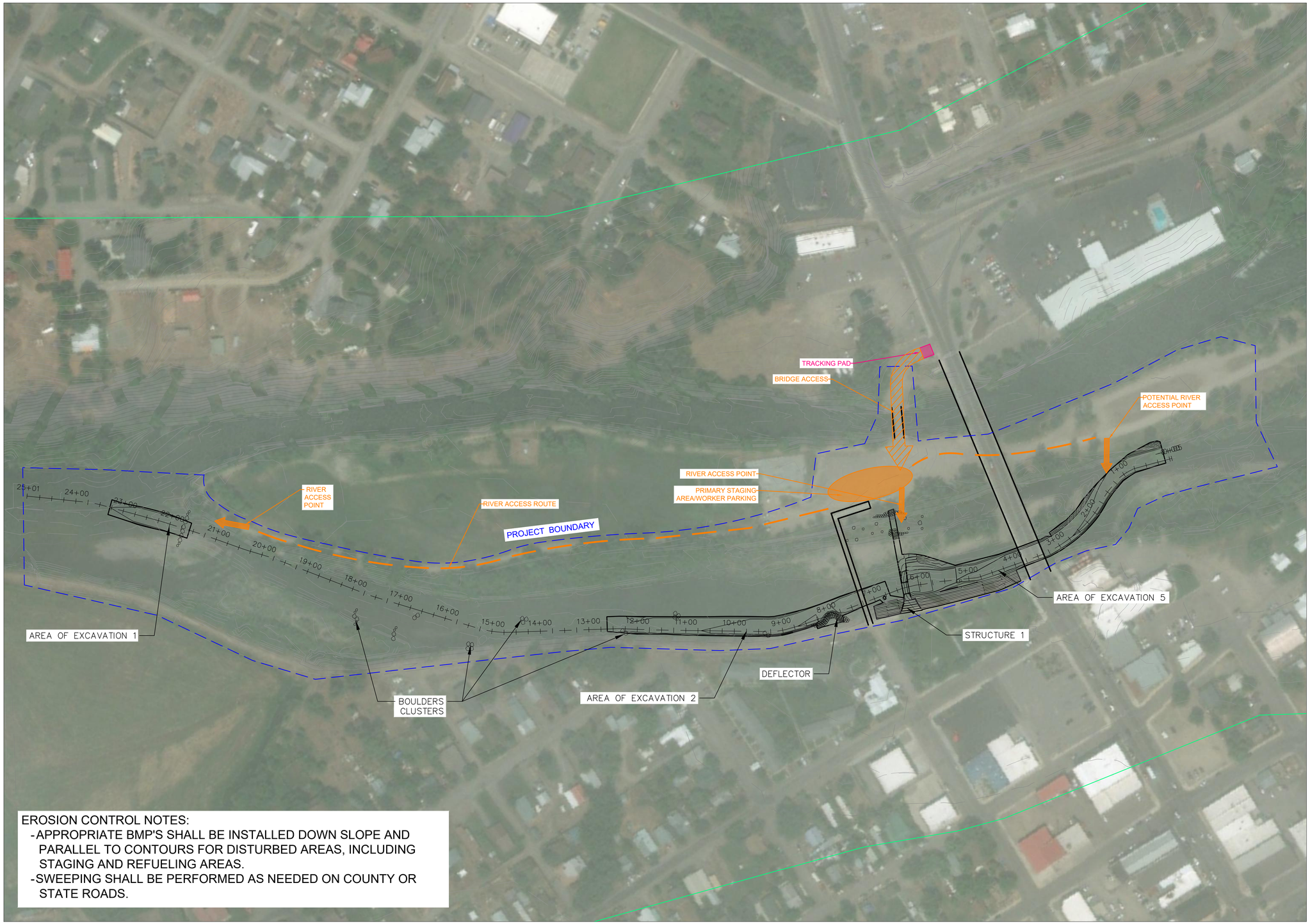

EROSION CONTROL NOTES:
- APPROPRIATE BMP'S SHALL BE INSTALLED DOWN SLOPE AND PARALLEL TO CONTOURS FOR DISTURBED AREAS, INCLUDING STAGING AND REFUELING AREAS.
- SWEEPING SHALL BE PERFORMED AS NEEDED ON COUNTY OR STATE ROADS.

S2O Design and Engineering

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Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
STAGING AND ACCESS PLAN (2)

Revisions:

Drawn By:
NATHAN WERNER, CHRISTINE CLARK

Checked By:
SCOTT SHIPLEY

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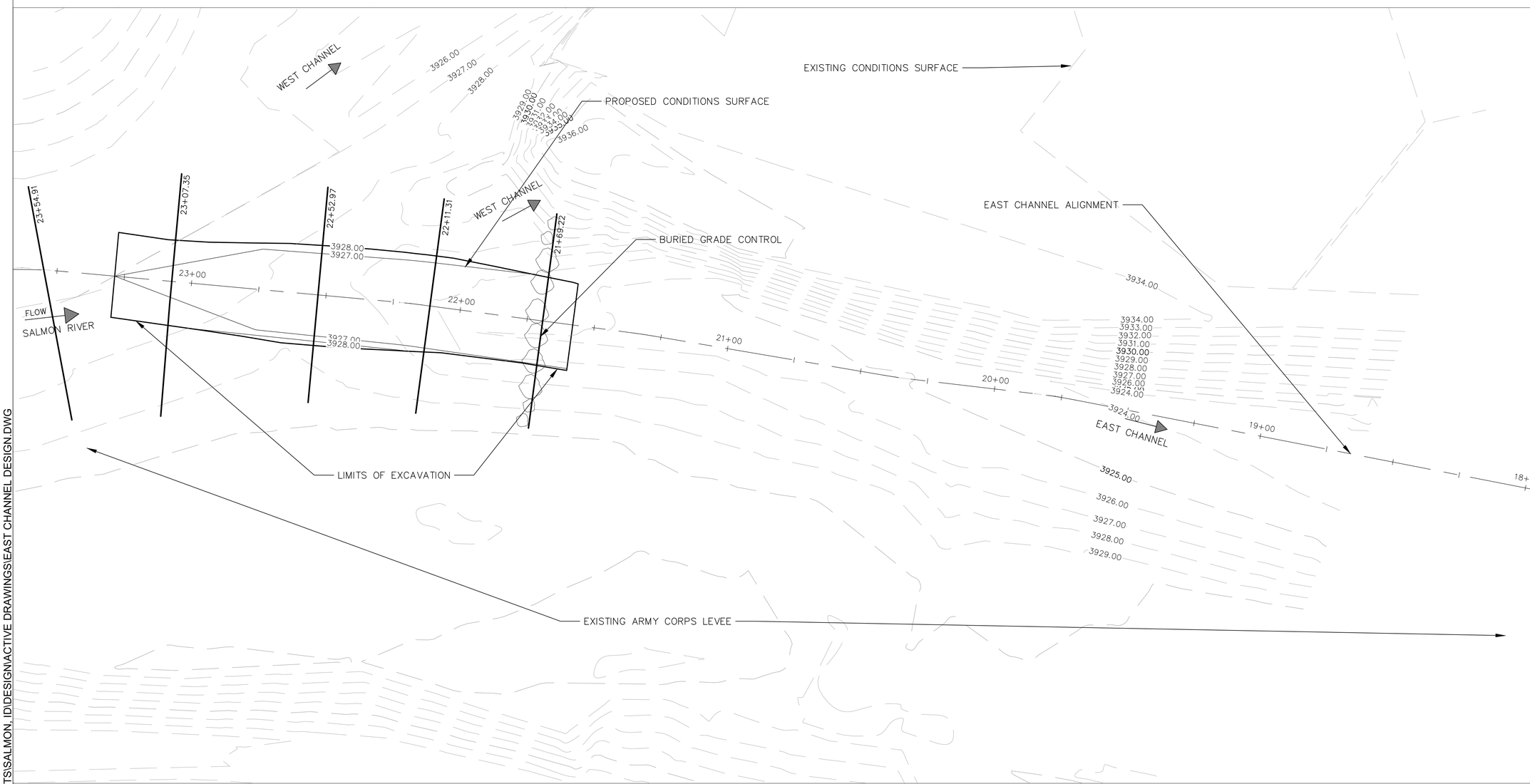

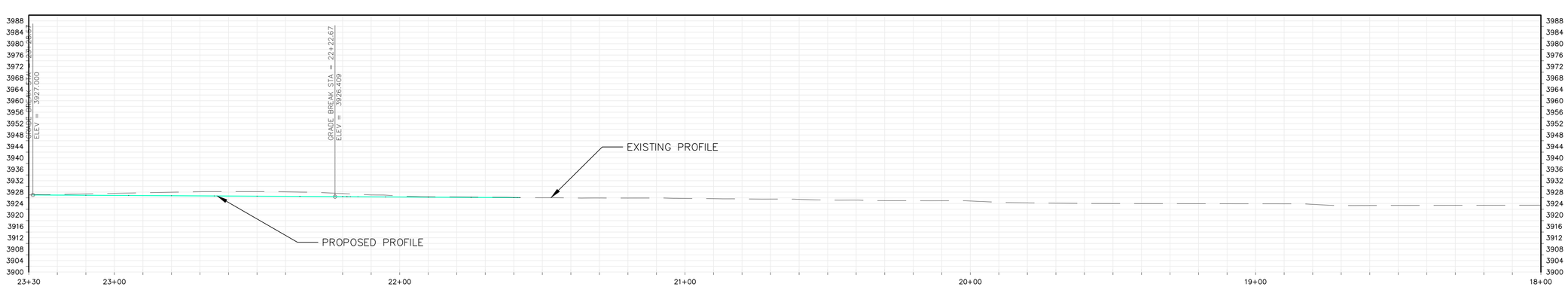

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S2O Design and Engineering

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Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
EXCAVATION AREA 1 DETAILED SITE PLAN (1)

Revisions:

Drawn By:
NATHAN WERNER, CHRISTINE CLARK

Checked By:
SCOTT SHIPLEY

Date:

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Scale: 1:20

0 20 40 Feet

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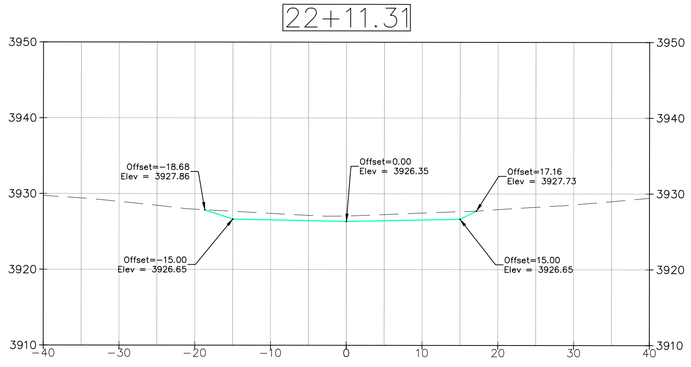
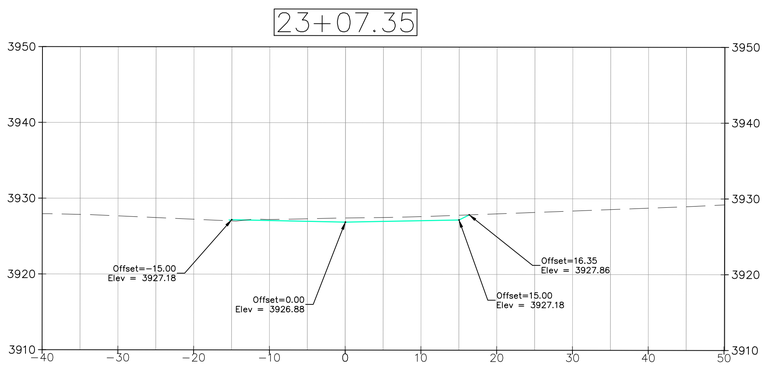
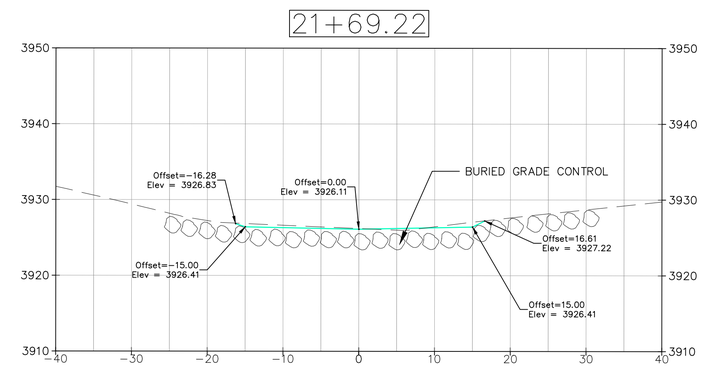
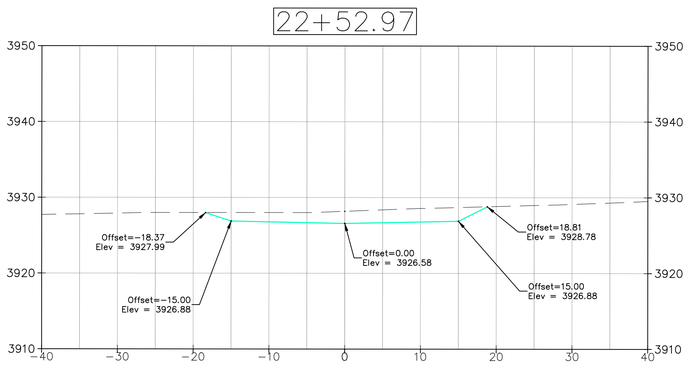
WW-1.0









KEY

PROPOSED GROUND

EXISTING CONDITIONS GROUND

S2O Design and Engineering

Scott Shipley, P.E.
318 Mcconnell Drive
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Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
EXCAVATION AREA 1 CROSS SECTIONS (1)

Revisions:

Drawn By:
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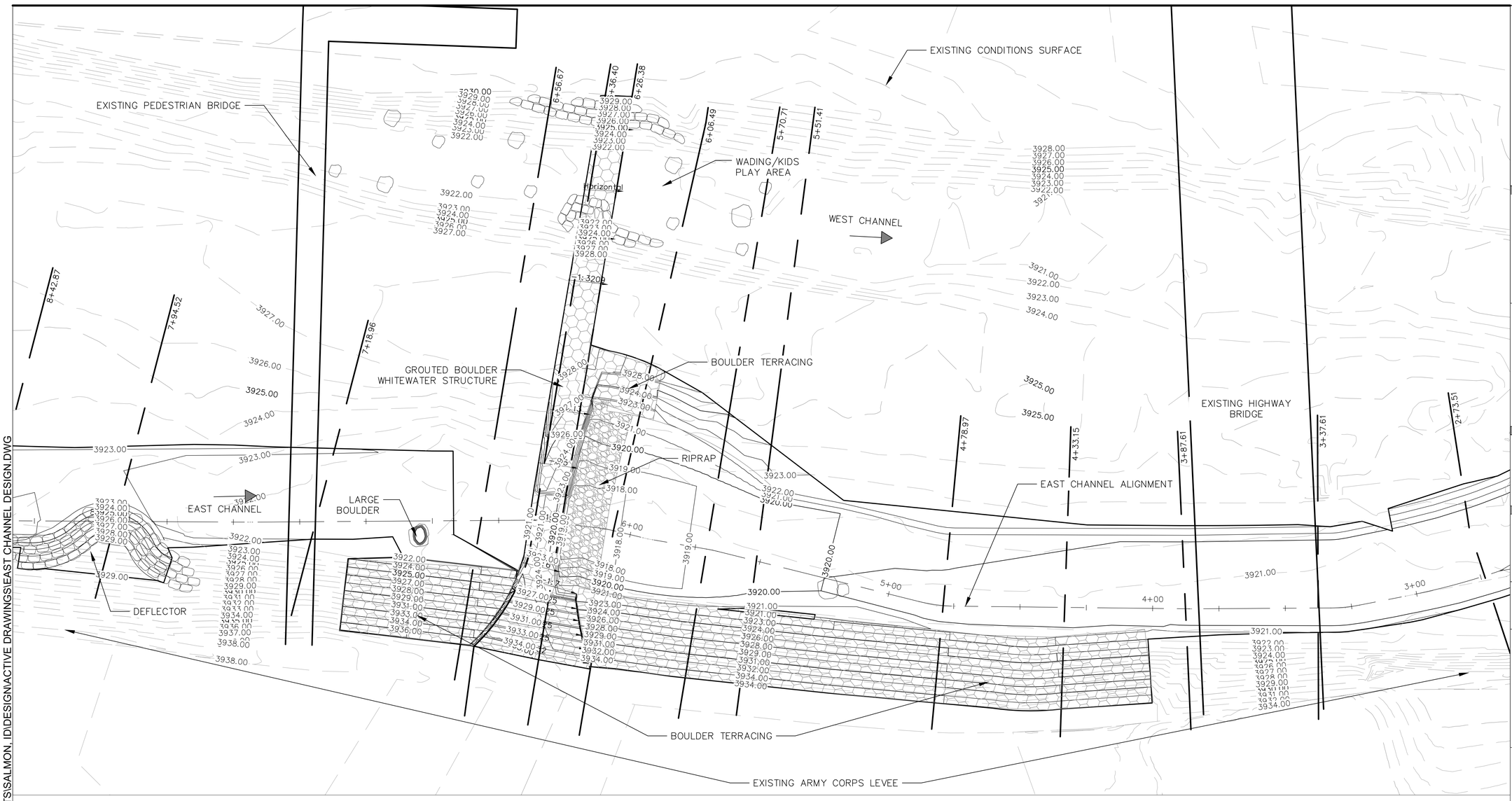

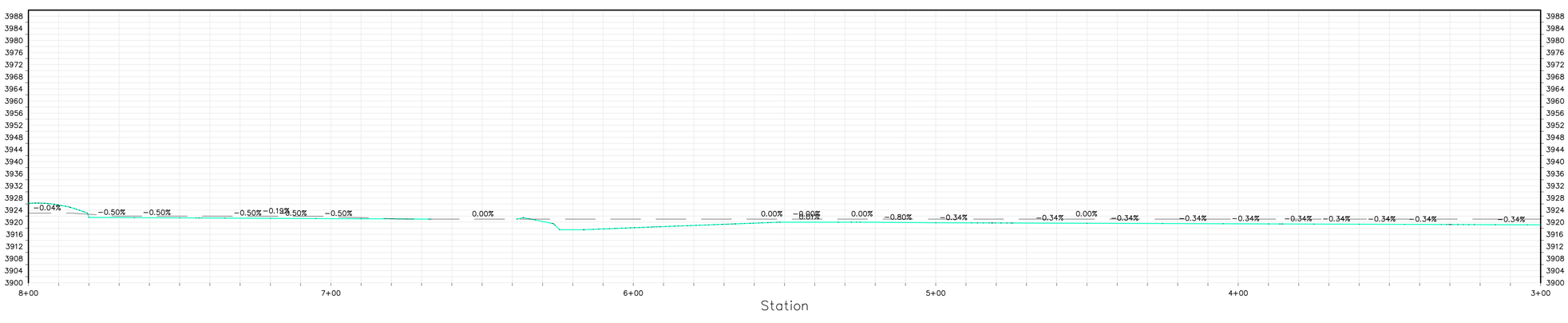

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S2O Design and Engineering

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Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
EXCAVATION AREA 2 DETAILED SITE PLAN

Revisions:

Drawn By:
NATHAN WERNER, CHRISTINE CLARK

Checked By:
SCOTT SHIPLEY

Date:

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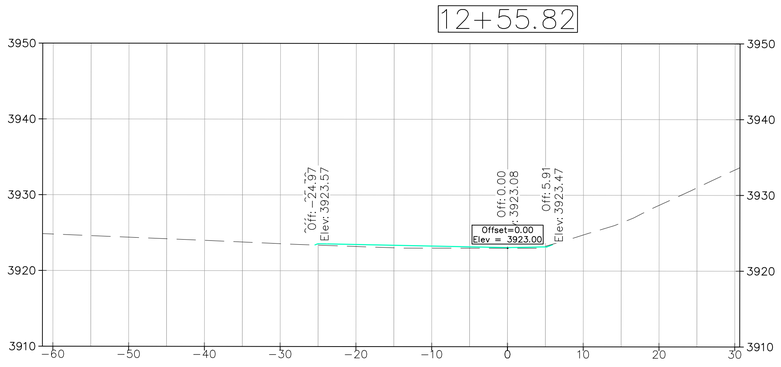

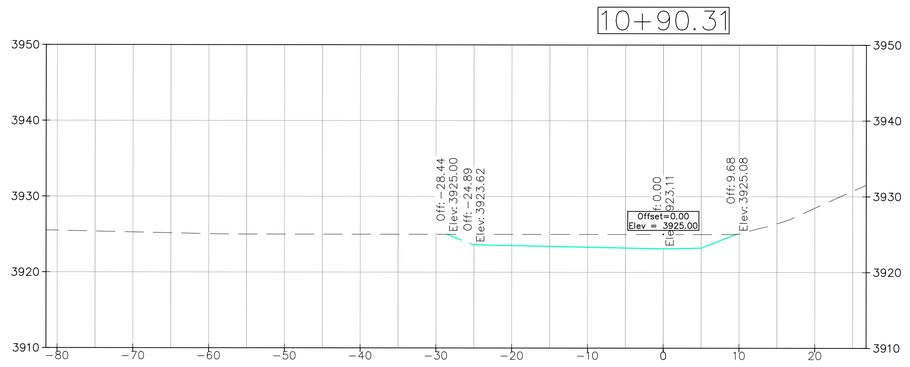

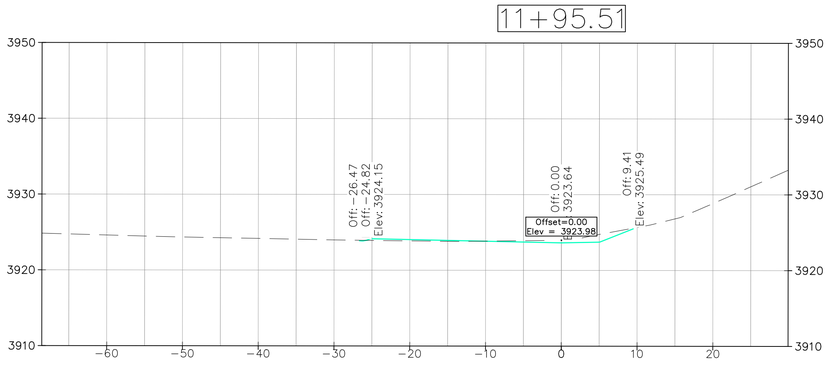

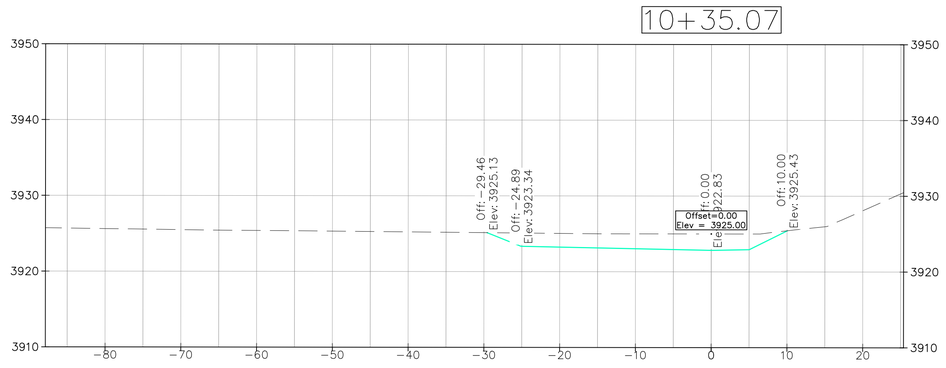

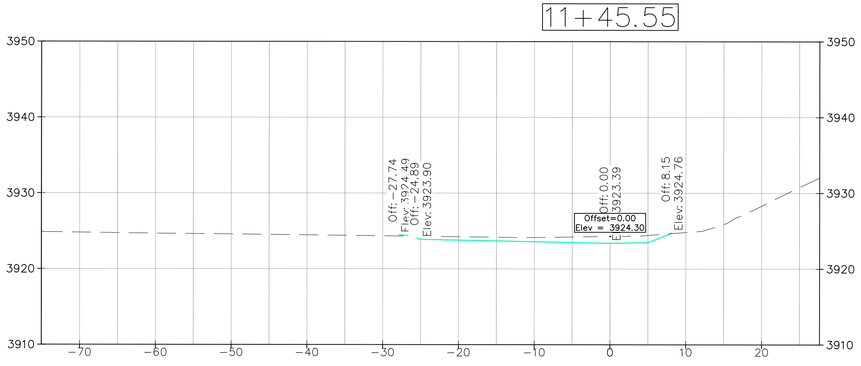

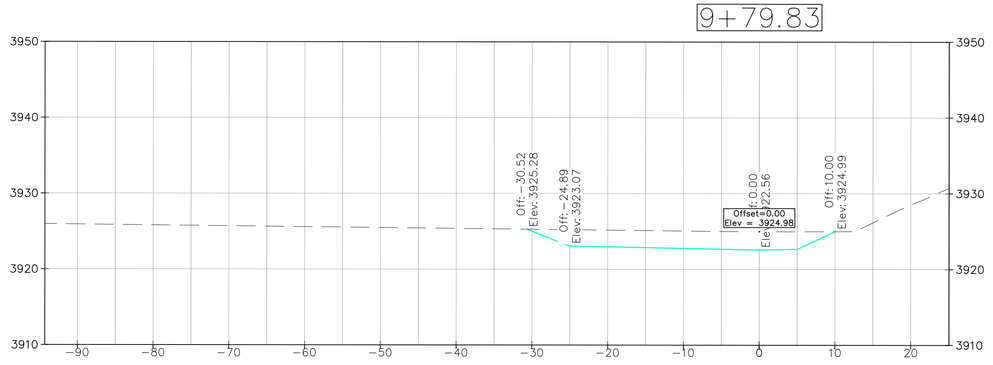

KEY

PROPOSED GROUND

EXISTING CONDITIONS GROUND

S2O Design and Engineering

Scott Shipley, P.E.
318 Mcconnell Drive
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(303) 819-3985

Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
EXCAVATION AREA 3 CROSS SECTIONS (1)

Revisions:

Drawn By:
NATHAN WERNER, CHRISTINE CLARK

Checked By:
SCOTT SHIPLEY

Date:

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Scale: 1:10

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Sheet:
WW-3.1

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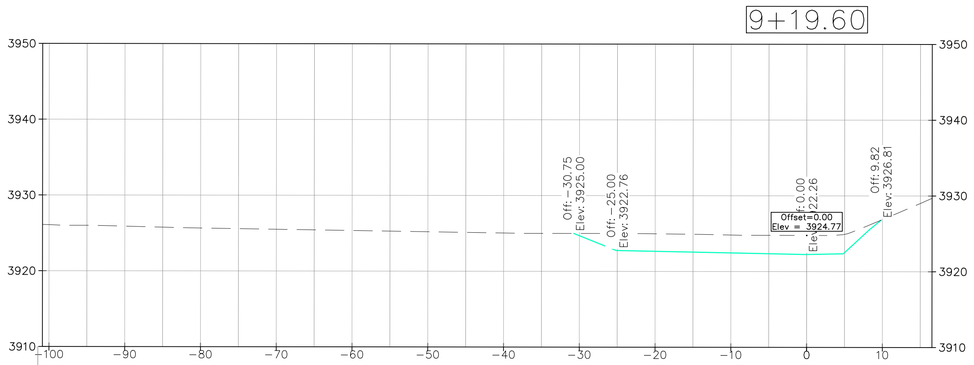

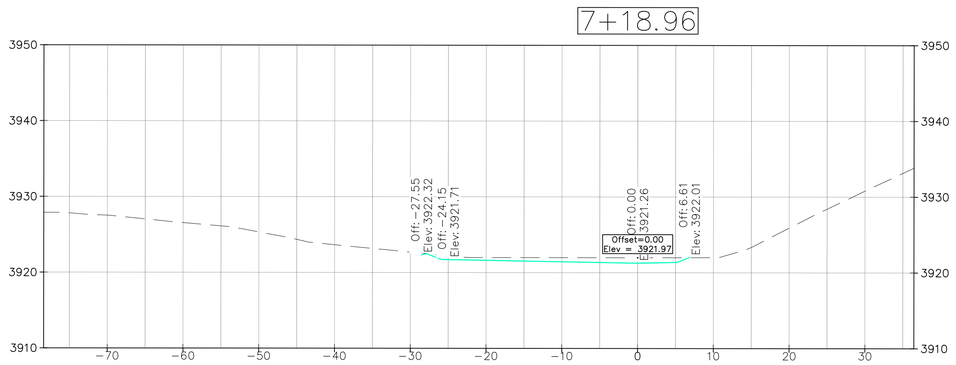

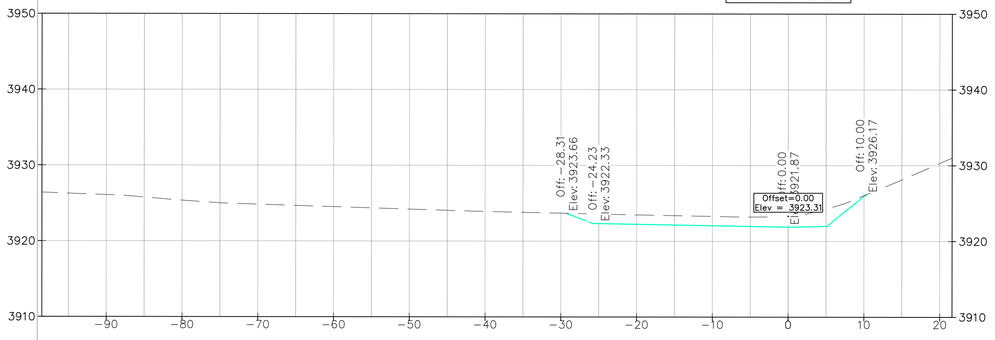

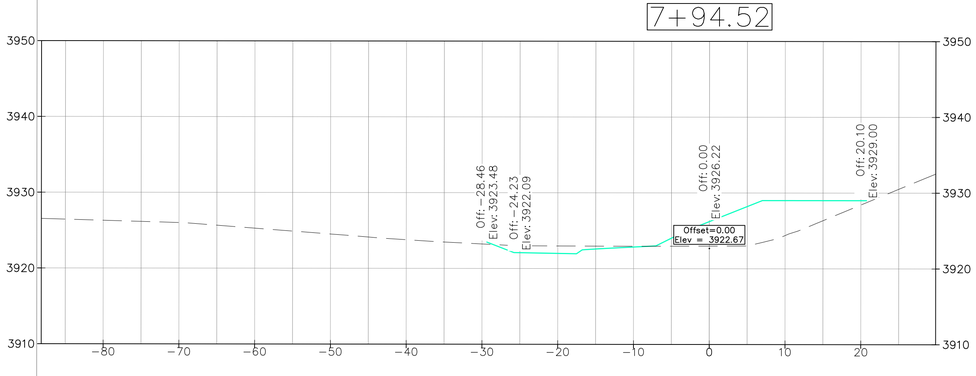

KEY

PROPOSED GROUND

EXISTING CONDITIONS GROUND

S2O Design and Engineering

Scott Shipley, P.E.
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Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
EXCAVATION AREA 1 CROSS SECTIONS (2)

Revisions:

Drawn By:
NATHAN WERNER, CHRISTINE CLARK

Checked By:
SCOTT SHIPLEY

Date:

Vertical Datum:
NADD 88

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0 10 20 Feet

Sheet:
WW-3.2

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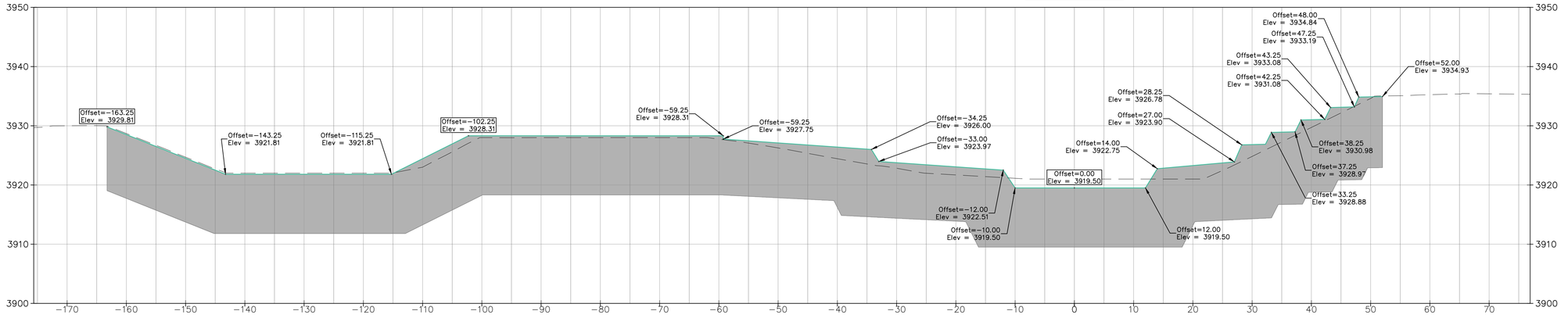

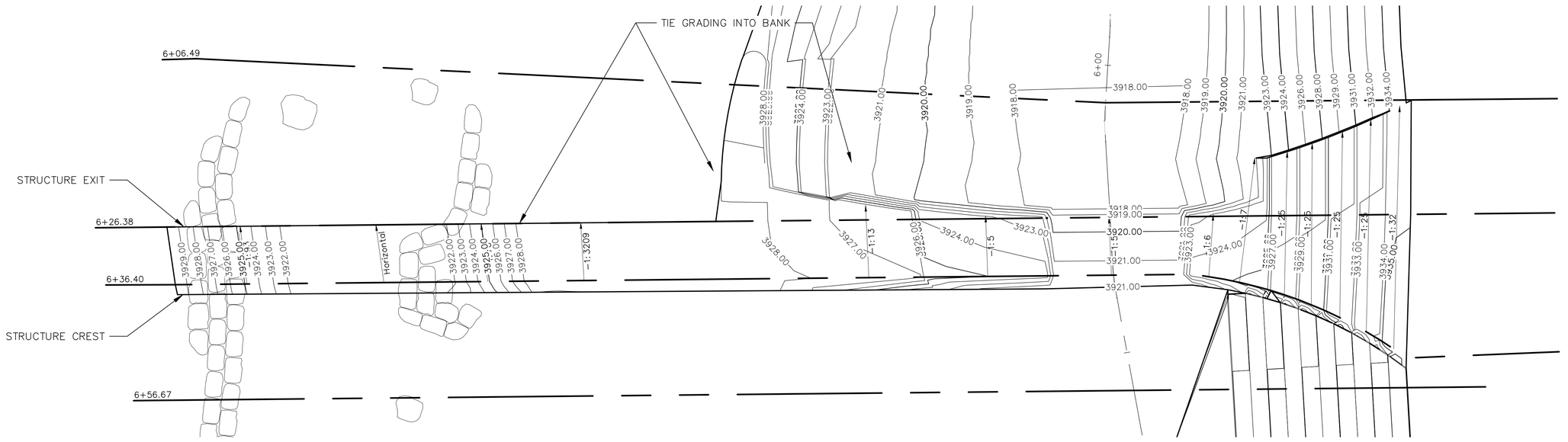

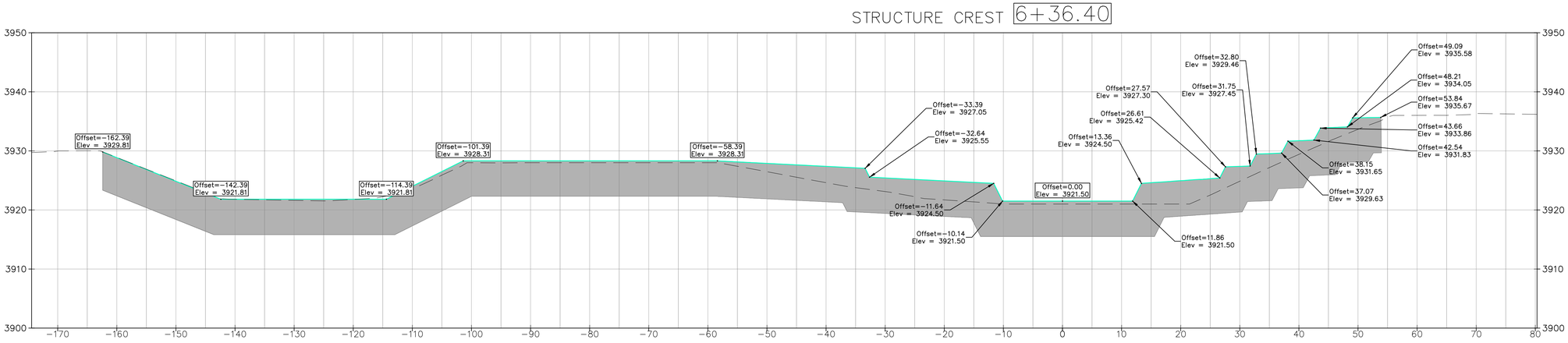

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Client:
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Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
DETAILED STRUCTURE GRADING PLAN SITE PLAN

Revisions:

Drawn By:
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Checked By:
SCOTT SHIPLEY

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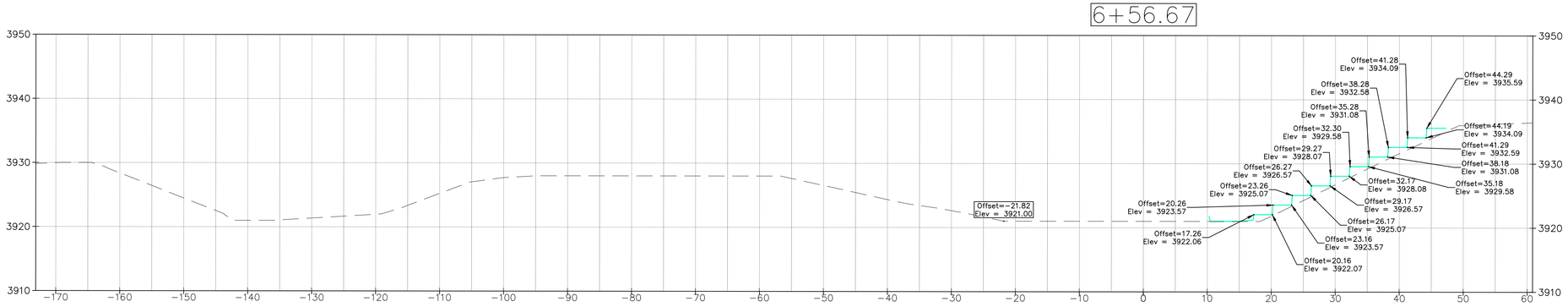

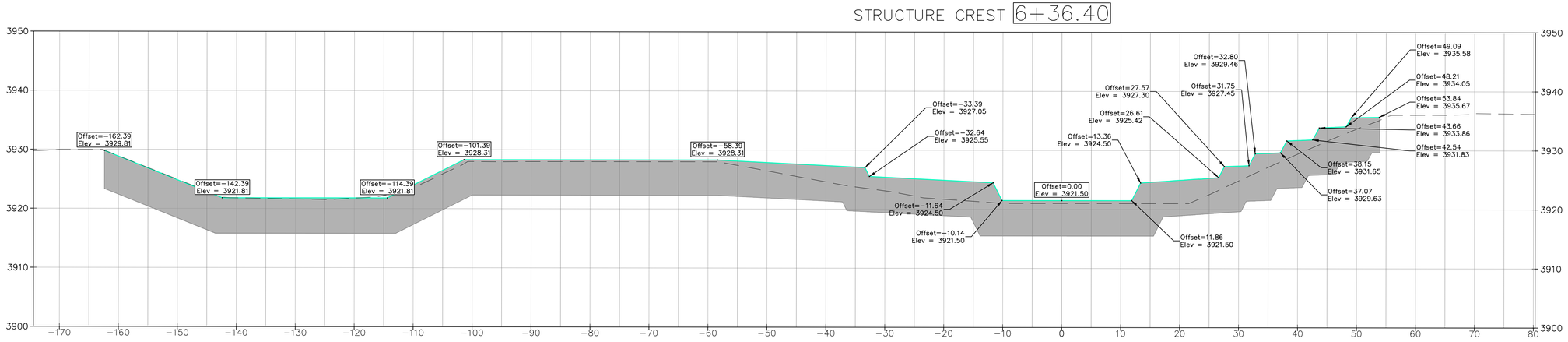

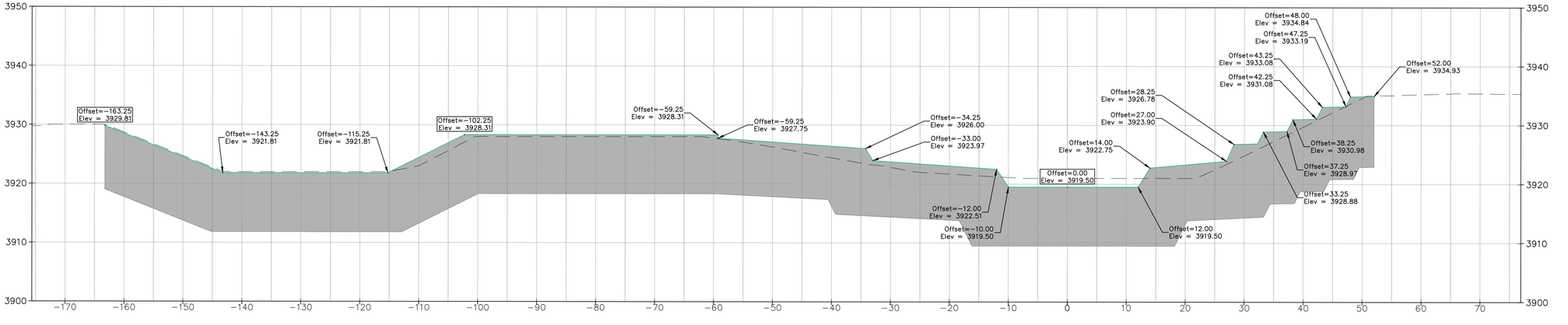

KEY

PROPOSED GROUND

EXISTING CONDITIONS GROUND

S2O Design and Engineering

Scott Shipley, P.E.
318 Mcconnell Drive
Lyons CO, 80540,
USA
(303) 819-3985

Client:
THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
STRUCTURE CROSS SECTIONS (1)

Revisions:

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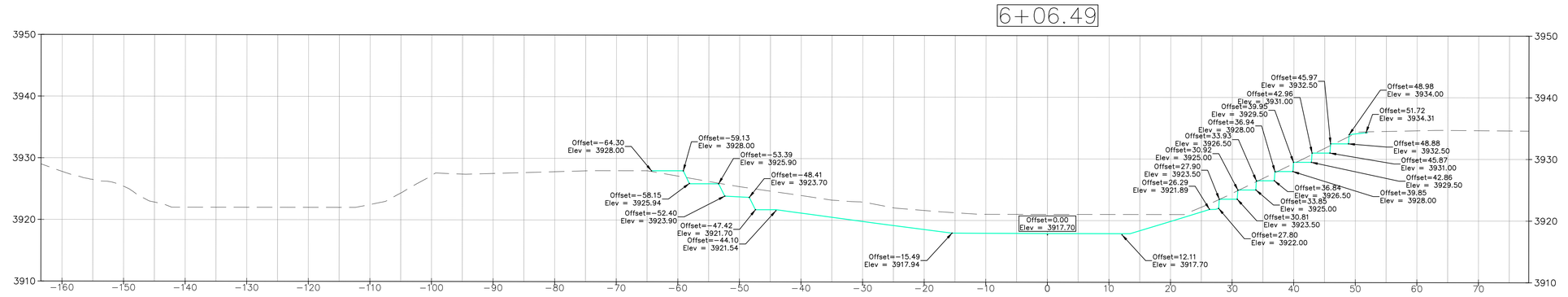

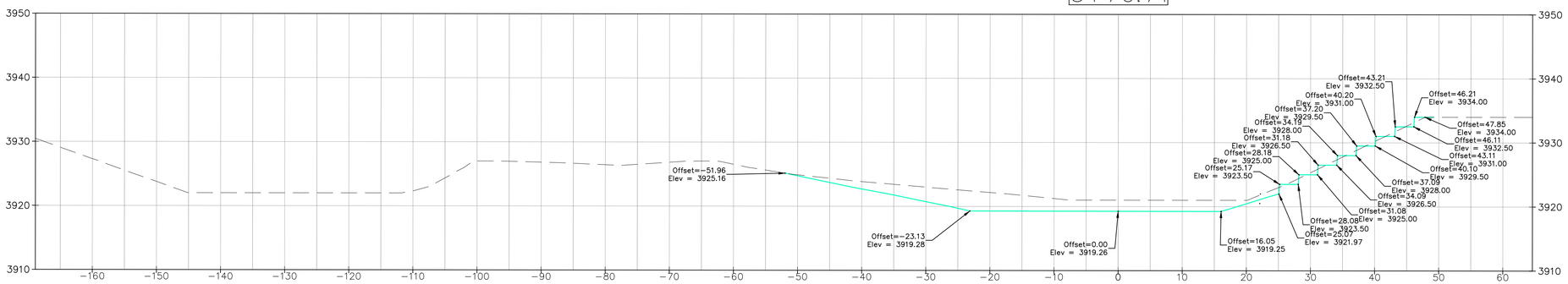

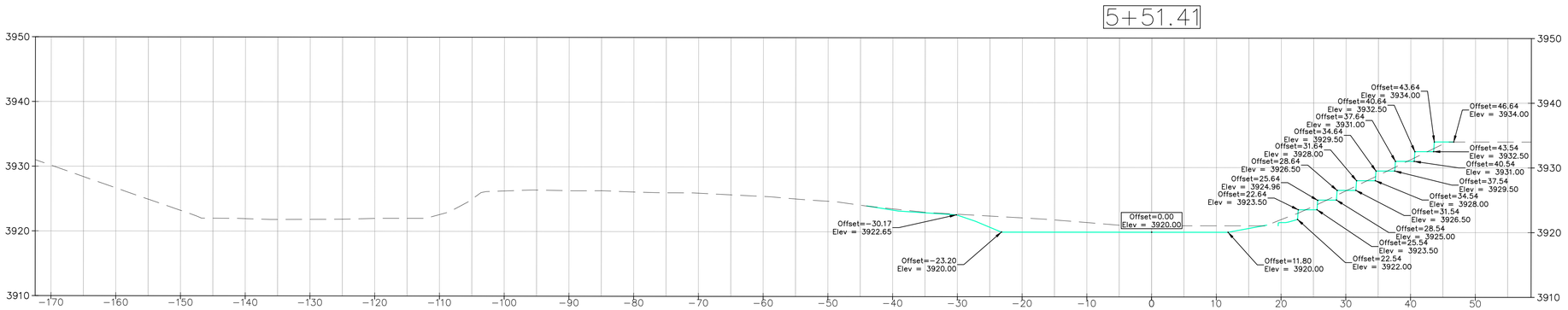

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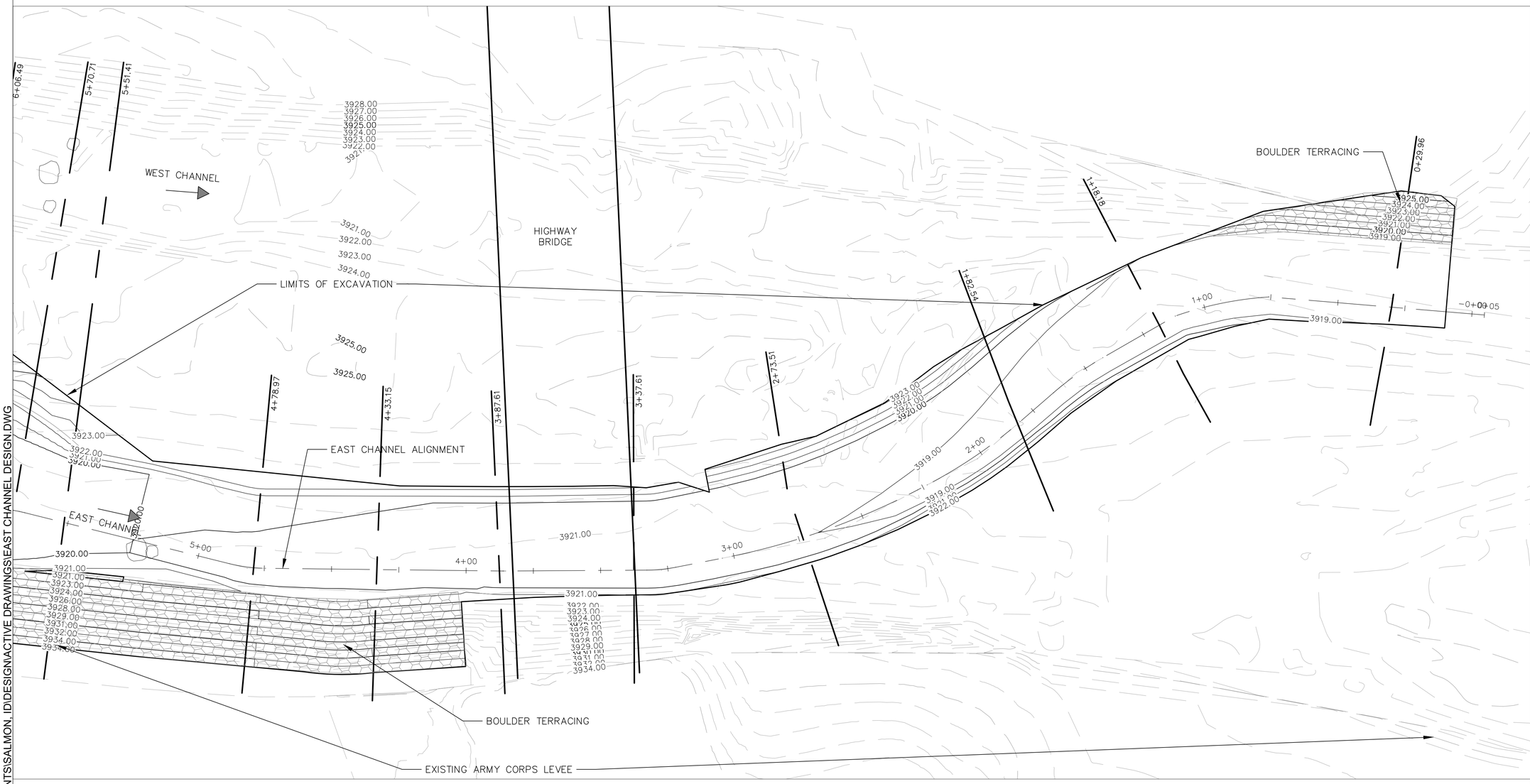

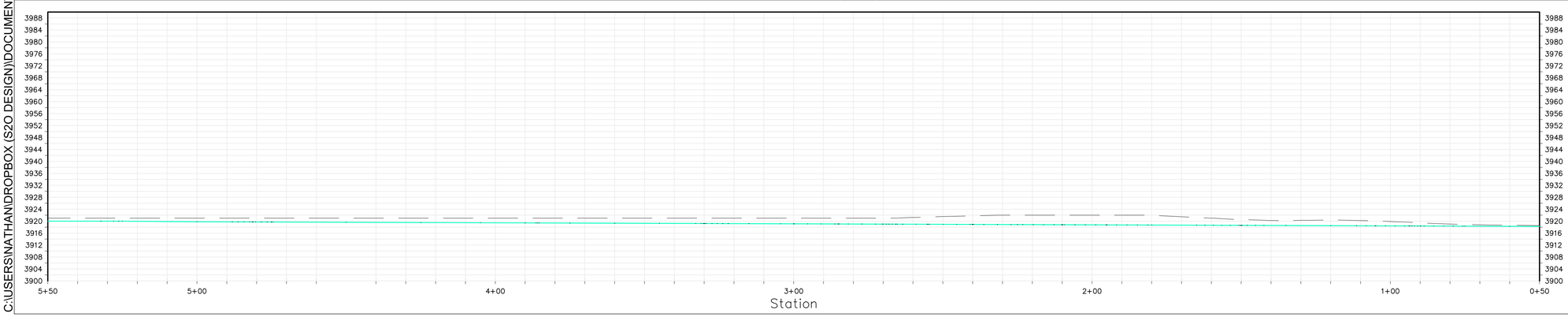

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EXCAVATION AREA 4 DETAILED SITE PLAN

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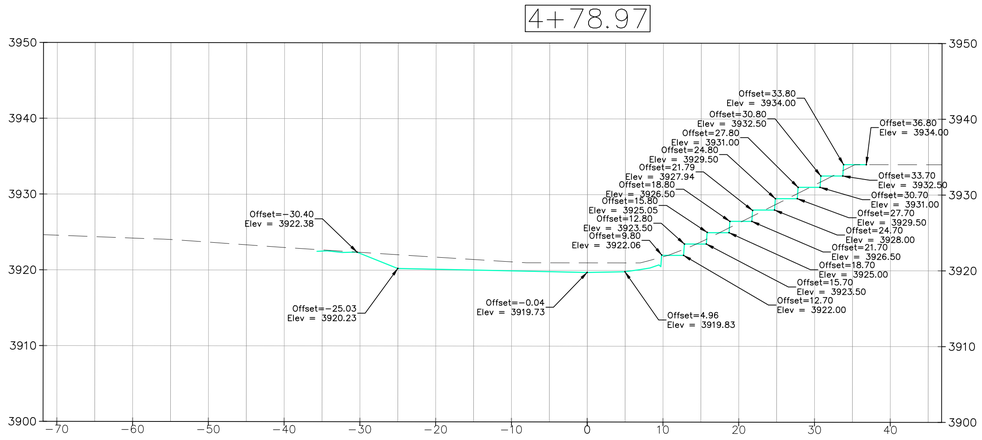

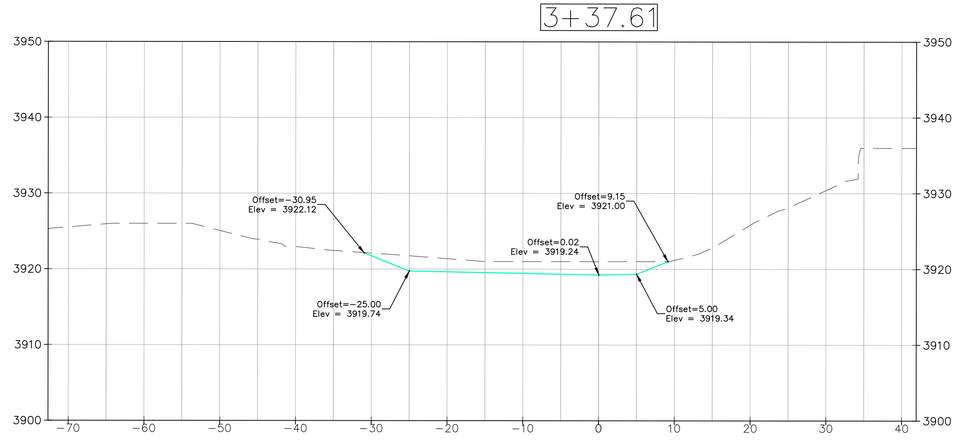

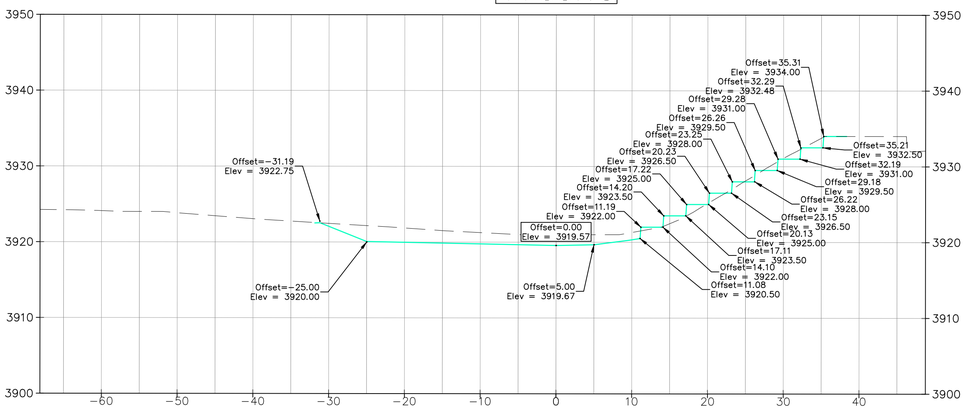

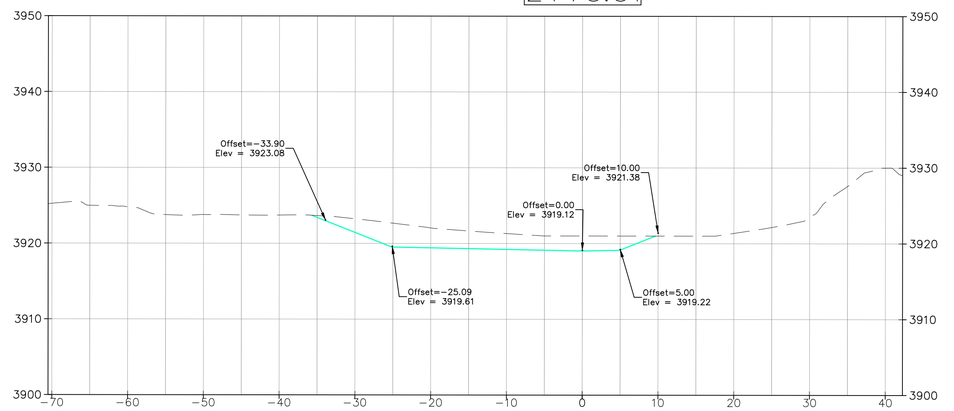

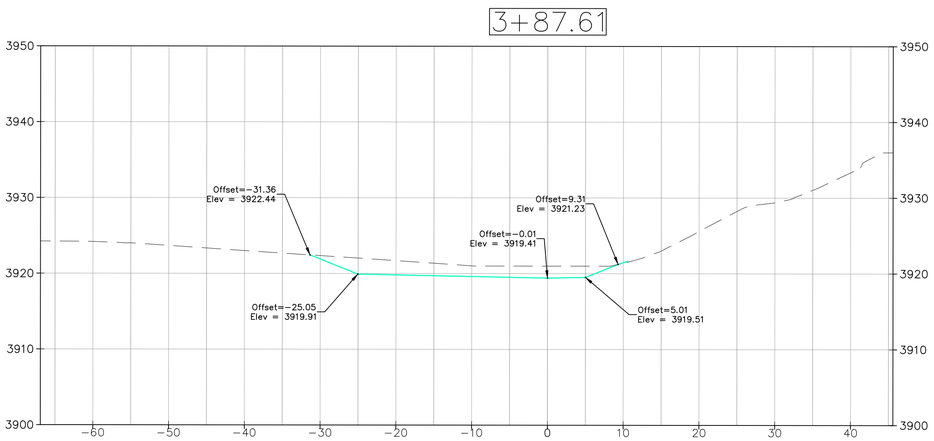

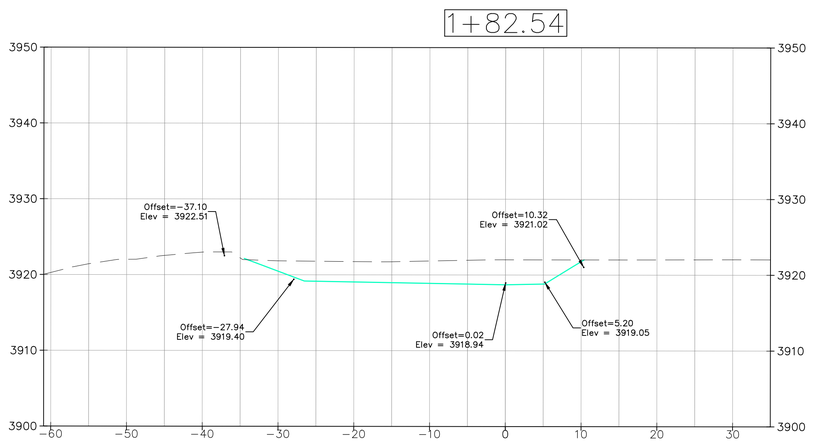

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EXCAVATION AREA 4 CROSS SECTIONS

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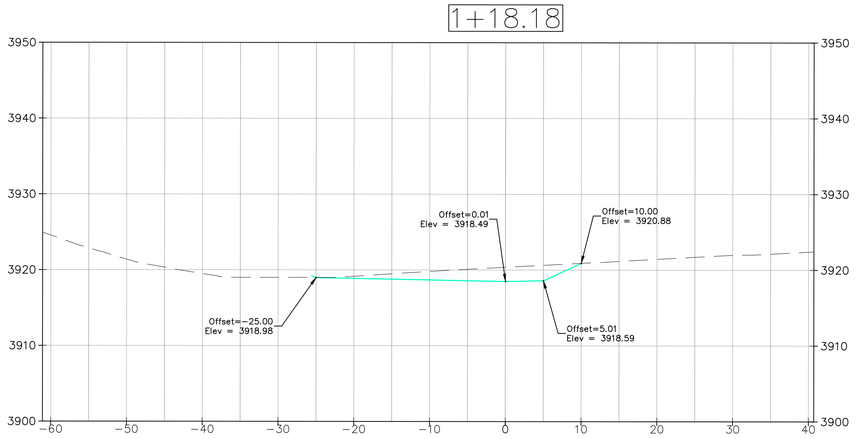

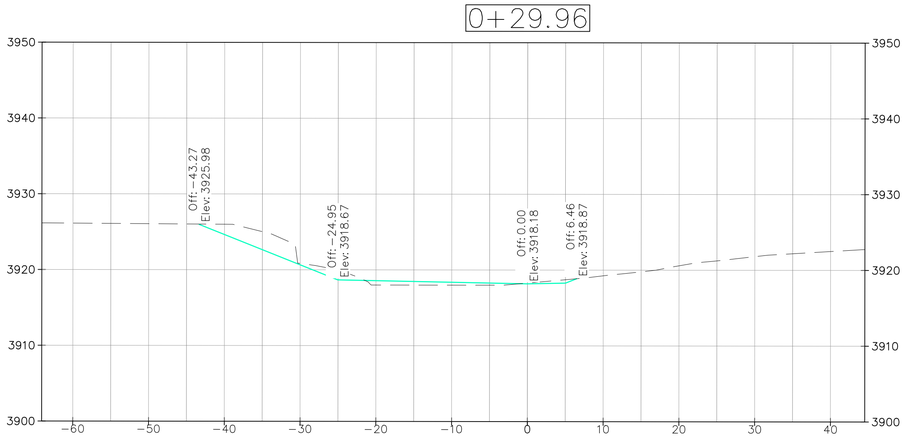

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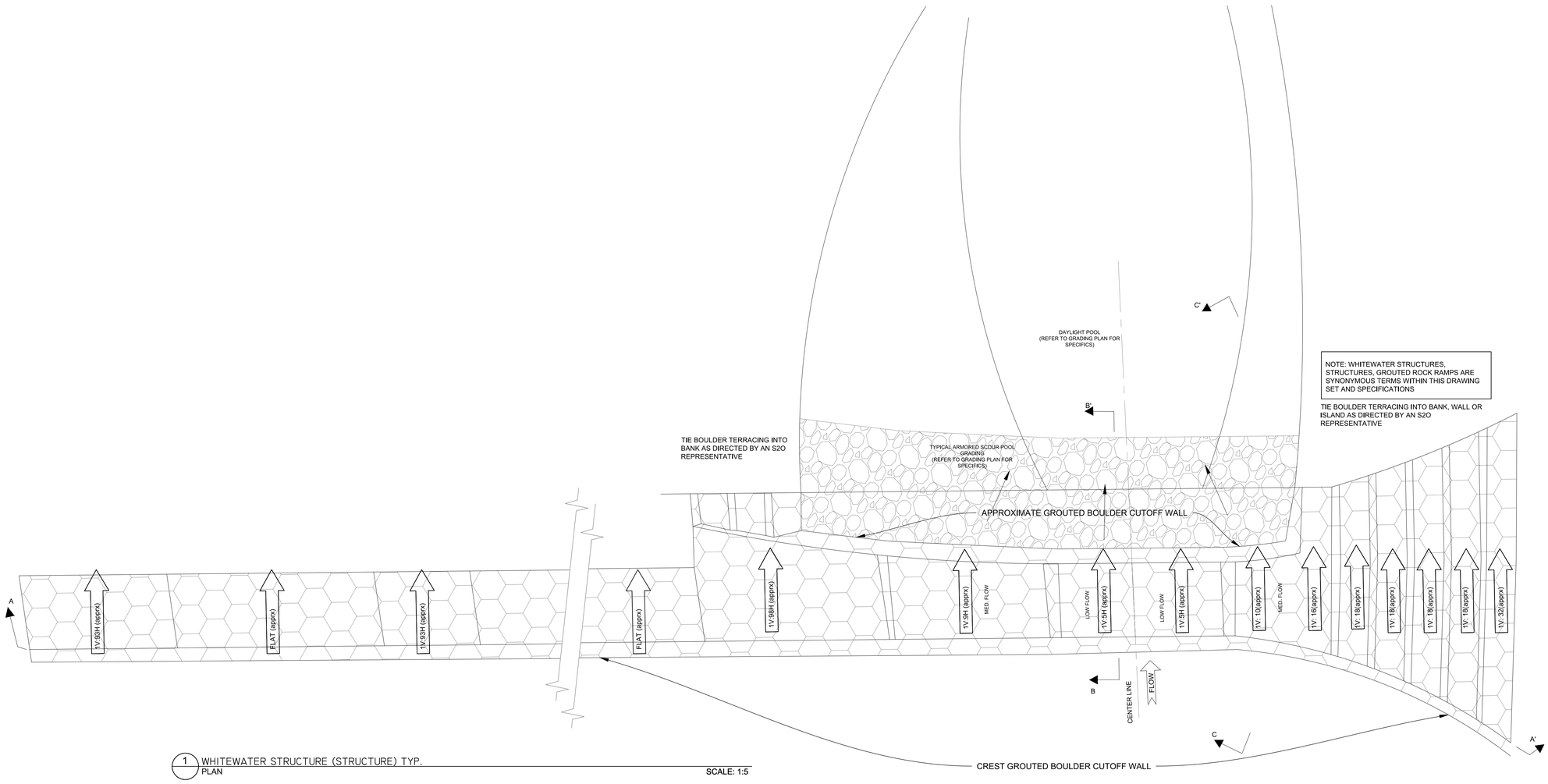

1 WHITEWATER STRUCTURE (STRUCTURE) TYP.
PLAN

SCALE: 1:5

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Project Name:
SALMON EAST CHANNEL WHITEWATER DESIGN

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TYPICAL DETAILS

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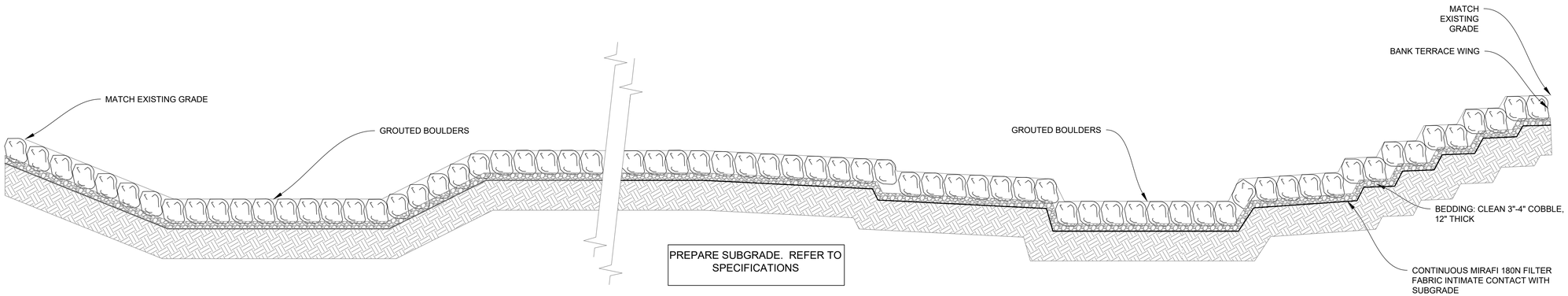
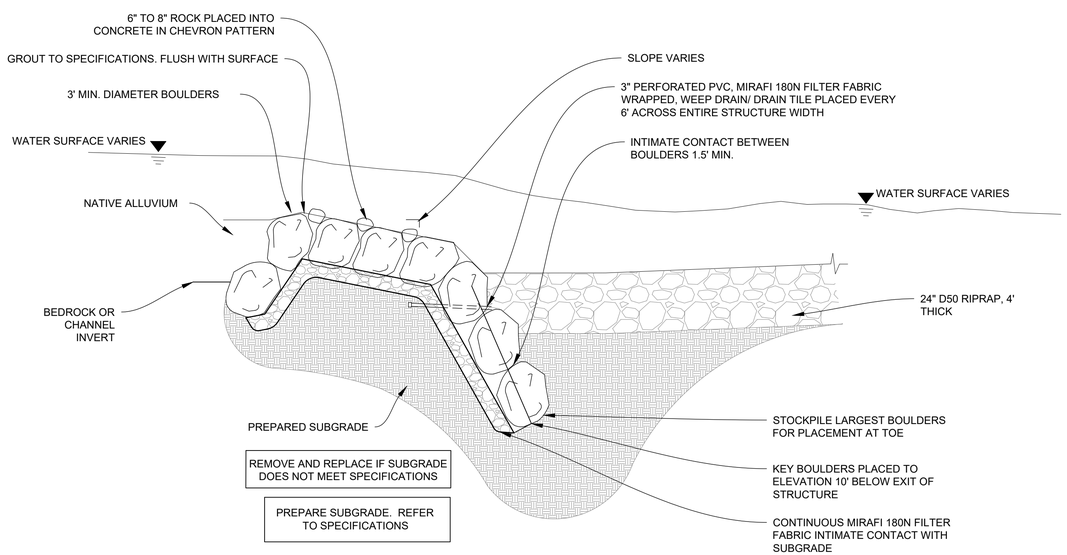


A-A' WHITEWATER STRUCTURE (STRUCTURE) TYP.
CROSS SECTION
SCALE: 1:8



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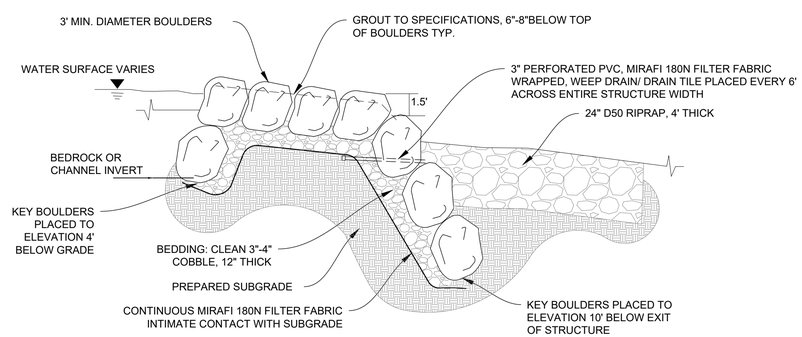
PROFILE
SCALE: 1:5



C-C' WHITEWATER STRUCTURE (STRUCTURE): WING (TYP.)
PROFILE
SCALE: 1:5

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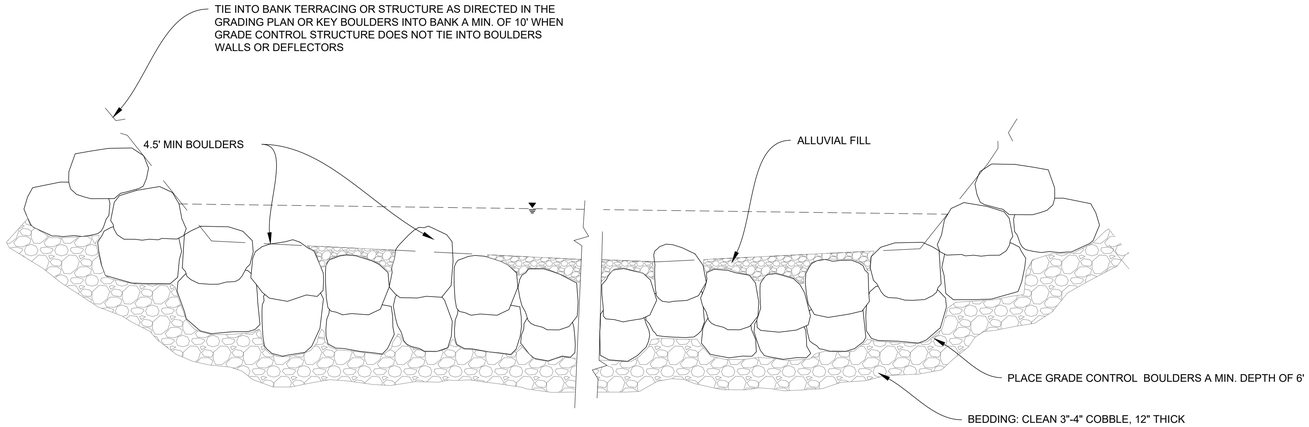
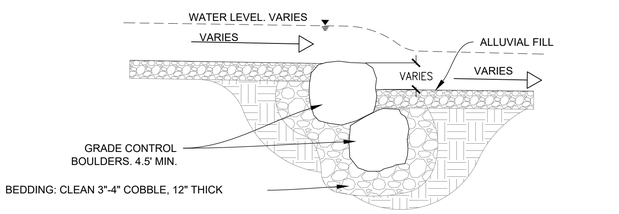


2 CHANNEL GRADE CONTROL STRUCTURE TYP.
CROSS SECTION

SCALE: NTS



3 CHANNEL GRADE CONTROL STRUCTURE, TYP.
PROFILE

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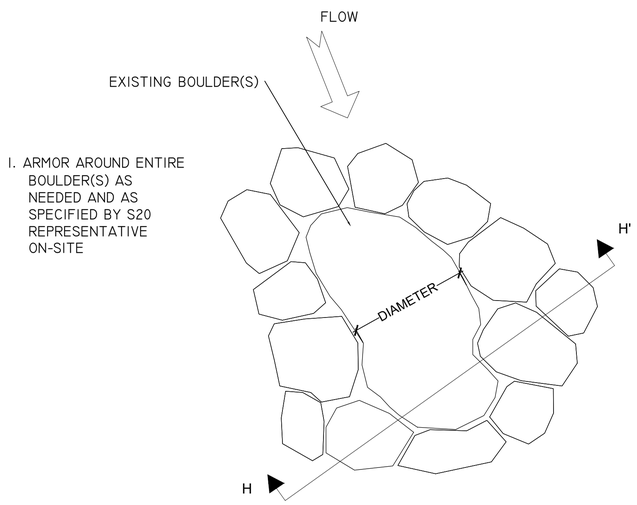

4 ARMORING AROUND IN-STREAM BOULDER(S) (TYP.)
PLAN

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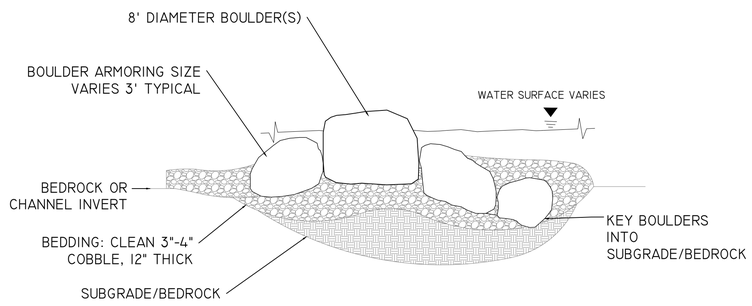

H-H' ARMORING AROUND IN-STREAM BOULDER(S) (TYP.)
SECTION

SCALE: 1:5

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Project Name:
SALMON EAST CHANNEL WHITEWATER DESIGN

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Drawing Name:
TYPICAL DETAILS

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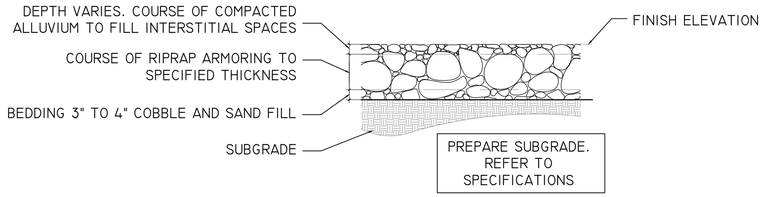
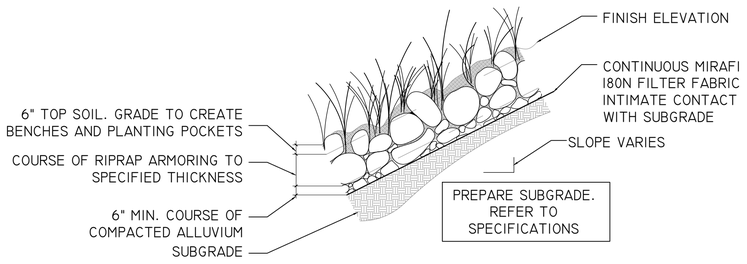
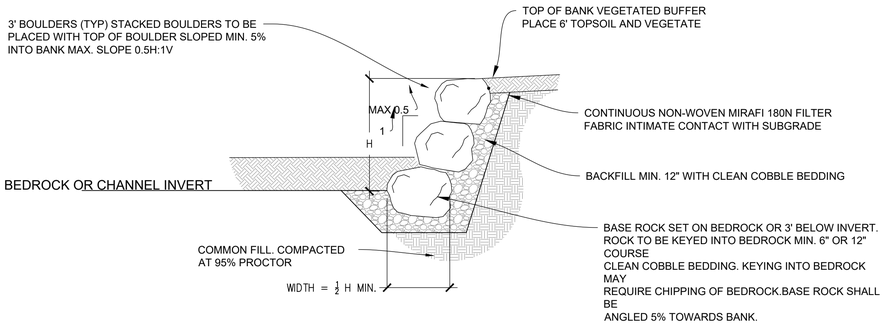


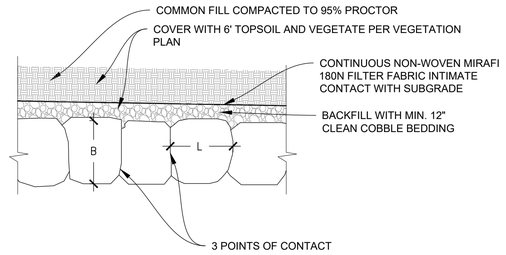
5 RIPRAP TYP. DETAIL — SCALE: 1:5



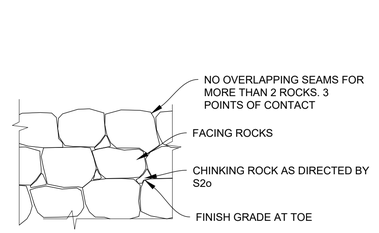
6 SLOPED RIPRAP TYP. DETAIL — SCALE: 1:5



7 BOULDER RETAINING WALL TYP. SECTION — SCALE: 1:5



8 BOULDER RETAINING WALL TYP. PLAN — SCALE: 1:5



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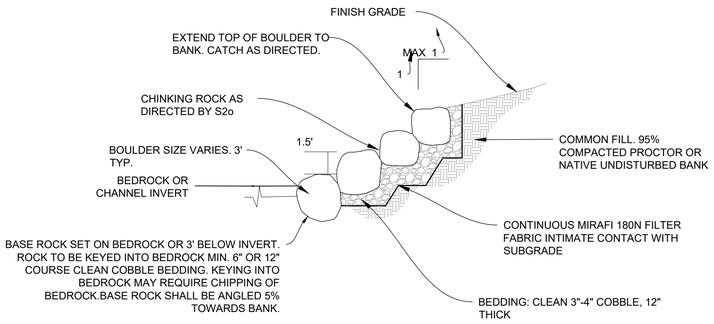
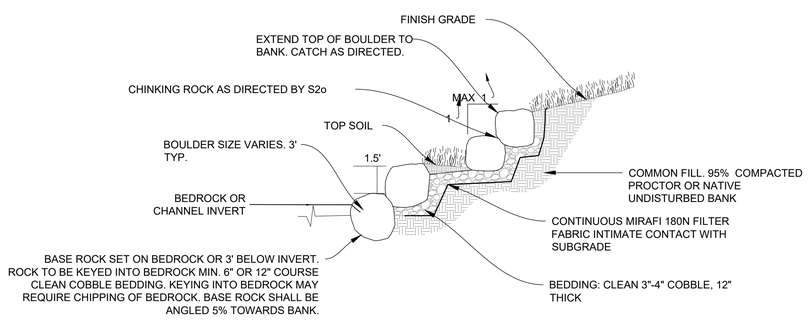


10 TERRACED BOULDERS TYP. SECTION — SCALE: 1:5



11 TERRACED BOULDERS WITH VEGETATION TYP. SECTION — SCALE: 1:5

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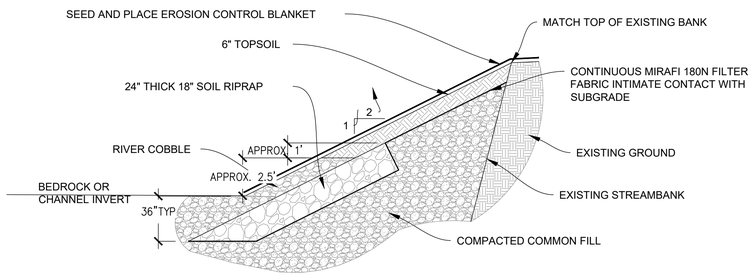
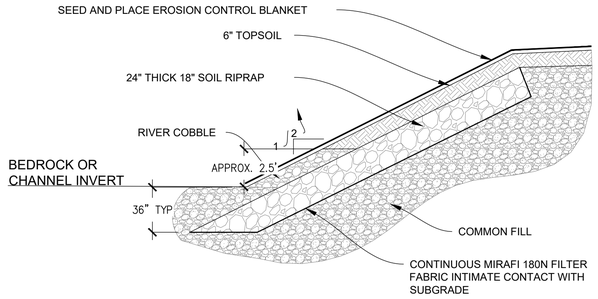


12 SLOPED BANK REVETMENT WITH ARMORED TOE TYP.
SECTION SCALE: 1:5



13 SOIL COVERED RIPRAP TYP.
SECTION SCALE: 1:5

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SALMON WHITEWATER PARK ASSOCIATION AND THE CITY OF SALMON, IDAHO

Project Name:
SALMON EAST CHANNEL WHITEWATER DESIGN

Status:
60% DESIGN DRAWINGS

Drawing Name:
TYPICAL DETAILS

Revisions:
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Drawn By:
NATHAN WERNER, CHRISTINE CLARK

Checked By:
Scott Shipley

Date:
04/21/2019

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THE SALMON WHITEWATER PARK ASSOCIATION/ CITY OF SALMON, IDAHO

Project Name:
SALMON WHITEWATER PARK

Status:
60% DESIGN DRAWINGS

Drawing Name:
DEWATERING PLAN

Revisions:

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Scale: 1:100

0 100 200 Feet

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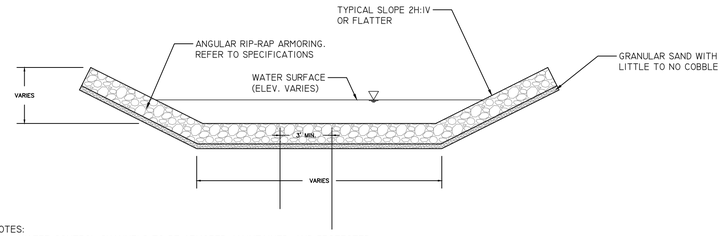
GENERAL NOTES:

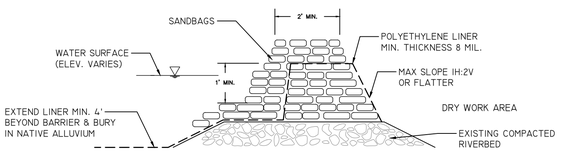
(1) ALTERNATE COFFERDAM CONSTRUCTION METHODS SHOWN HEREIN ARE INTENDED TO DESCRIBE FUNCTIONALITY ONLY. ACTUAL METHODS NECESSARY TO ACHIEVE A DRY WORK AREA ARE TO BE DETERMINED BY THE CONTRACTOR.
(2) COFFERDAM CONSTRUCTION METHODS SHALL COMPLY WITH ALL PERMIT CONDITIONS AND ARE SUBJECT TO ENGINEERS APPROVAL.
(3) ALL DEWATERING ACTIVITIES MUST OCCUR DURING THE CONSTRUCTION WINDOW DESCRIBED IN THE SPECIFICATIONS.
(4) THE COFFERDAM MUST BE DESIGNED TO WITHSTAND TYPICAL FLOWS, ANTICIPATED DURING THE PERIOD OF CONSTRUCTION.
(5) ANY WORK DONE OUTSIDE THE SPECIFIED CONSTRUCTION WINDOW REQUIRES SPECIAL PERMISSION AND REQUIRES THAT THE CONTRACTOR REDESIGN THE WATER CONTROL FOR HIGH-FLOWS DURING THE EXPANDED CONSTRUCTION WINDOW.
(6) THE CONTRACTOR SHALL HAVE NO MORE THAN ONE (1) COFFER DAM IN PLACE IN THE RIVER AT ANY GIVEN TIME. PREVIOUS WATER CONTROL MUST BE COMPLETELY REMOVED FROM RIVERBED PRIOR TO PLACEMENT OF SUBSEQUENT WATER CONTROL.
(7) SUGGESTED DIMENSIONS SHOWN IN THE TYPICAL DETAILS ARE MINIMUMS UNLESS THE CONTRACTOR ESTABLISHES, TO THE ENGINEER'S SATISFACTION, THAT AN ALTERNATIVE FORM OF WATER CONTROL MEETS THE ENGINEER'S OBJECTIVES.
(8) DEWATERING OPERATIONS SHALL USE ONE OR MORE OF THE DEWATERING SUMPS SHOWN, WELL POINTS, OR OTHER MEANS APPROVED BY LOCAL JURISDICTION TO REDUCE THE PUMPING OF SEDIMENT, AND SHALL PROVIDE A TEMPORARY SEDIMENT BASIN OR FILTRATION BMP TO REDUCE SEDIMENT PRIOR TO RELEASE OFF-SITE OR TO A RECEIVING WATER. A SEDIMENT BASIN MAY BE USED IN LIEU OF SUMP DISCHARGE SETTLING BASIN SHOWN IF A 4-FOOT SQUARE RIPRAP PAD IS PLACED AT THE DISCHARGE POINT AND THE DISCHARGE END OF THE LINE IS STAKED IN PLACE TO PREVENT MOVEMENT OF THE LINE.
(9) THE CONTRACTOR SHALL NOTIFY ENGINEER AND OWNER'S REPRESENTATIVE AT LEAST 24 HOURS PRIOR TO BUILDING OR REMOVING A COFFER DAM. IN THE INSTANCE THAT A COFFER DAM NEEDS TO BE REMOVED DUE TO FLOOD THREAT THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER AS SOON AS POSSIBLE BUT SHALL PROCEED IMMEDIATELY WITH THE EXPEDIENT REMOVAL OF THE COFFERDAM.
(10) WATER CONTROL MUST BE FREE FROM SUBSTANTIAL LEAKS AND MUST BE CONFIRMED BY S2O SO THAT CONTRACTOR IS NOT WORKING IN ACTIVE FLOW.
(11) SUMPS MUST BE LEACHED A MINIMUM OF 30' FROM TO-BE-GROUTED STRUCTURES AND PREVENT PUMPING OF CONCRETACEOUS MATERIAL BACK INTO THE RIVER.
(12) ALL STRUCTURES BUILT WITHIN THE RIVER CHANNEL MUST BE SEQUENCED SO THAT THE LOWEST OF ABSOLUTE ELEVATION, OF THE STRUCTURES, ARE CONSTRUCTED FIRST OR AS DIRECTED BY AN S2O REPRESENTATIVE.
(13) CLIENT HAS THE ABILITY TO FORCE THE CONTRACTOR TO RECONSTRUCT WATER CONTROL IF THE CLIENT FEELS THAT THE CONSTRUCTION PUTS THE ENVIRONMENT OR WORKERS AT RISK.
(14) THE CONTRACTOR MUST BE AVAILABLE FOR FLOOD EVENTS 24 HOURS A DAY, 7 DAYS A WEEK, DURING CONSTRUCTION.



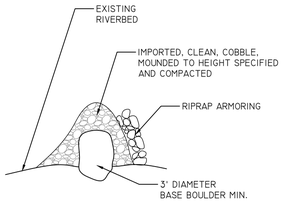
NOTES:
(1) WATER CONTROL CHANNELS TO BE ARMORED, MAINTAINED, AND PROTECTED.
(2) WATER CONTROL CHANNEL TO BE REMOVED FROM RIVERBED IN THE INSTANCE OF A FORECASTED FLOOD.
(3) WATER CONTROL CHANNEL TO BE OF MINIMUM LENGTH TO ALLOW CONTRACTOR TO WORK IN THE AREA OF CONSTRUCTION.
(4) WATER CONTROL CHANNELS SHALL BE NO STEEPER THAN A 1% SLOPE AND NO FLATTER THAN 0.5% SLOPE (1" IN 100 TO 1" IN 200) AND SHALL NOT TO EXCEED 2.5' IN DEPTH AT FLOWS LESS THAN 200 CFS.

NTS

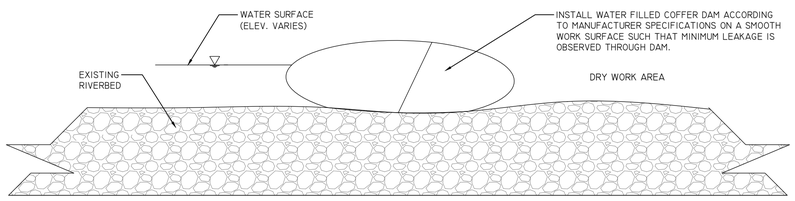
1 WATER CONTROL DIVERSION CHANNEL TYPICAL
SECTION



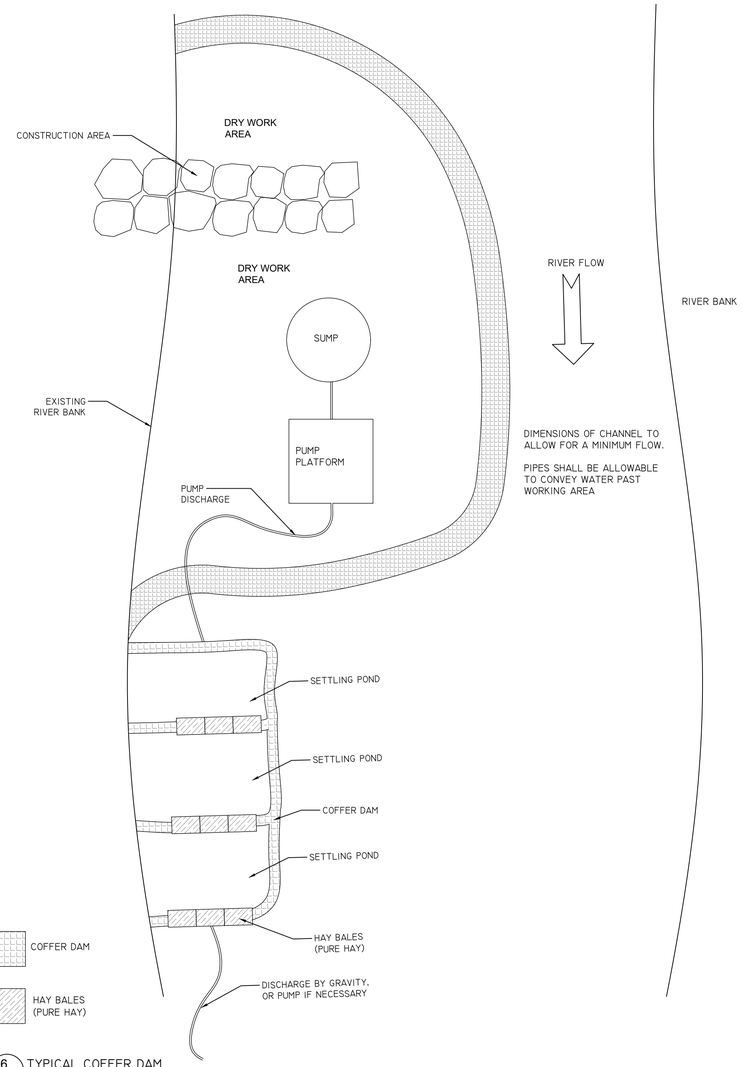
2 SANDBAG COFFER DAM TYPICAL
SECTION NTS



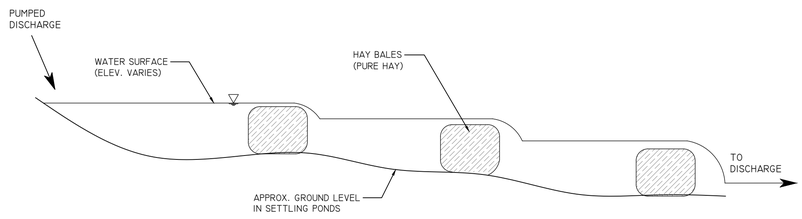
3 ALLUVIAL COFFER DAM TYPICAL
SECTION NTS



4 WATER FILLED COFFER DAM TYPICAL
SECTION NTS



6 TYPICAL COFFER DAM
PLAN NTS



NOTE:
1. SCHEMATIC LAYOUT TO DESCRIBE FUNCTIONALITY ONLY. ACTUAL LAYOUT TO BE DETERMINED BY CONTRACTOR, PER PERMIT CONDITIONS.

7 TYPICAL SETTLING POND
SECTION NTS

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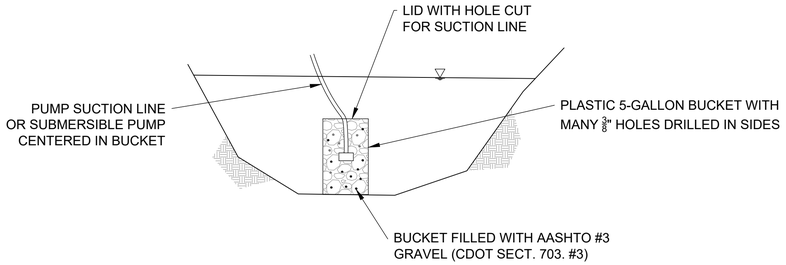
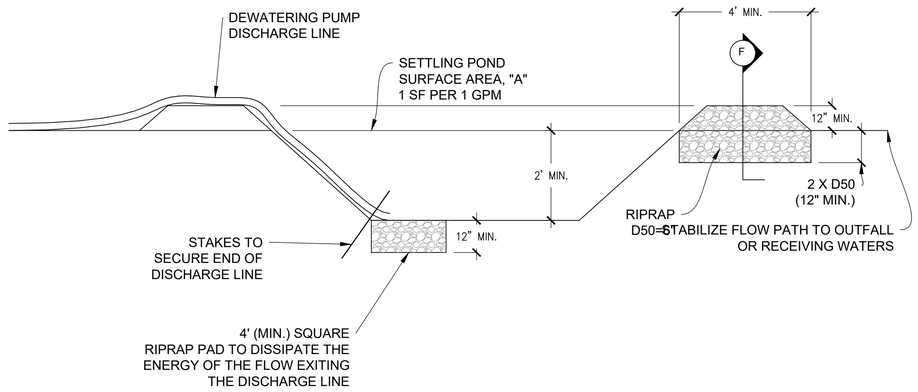
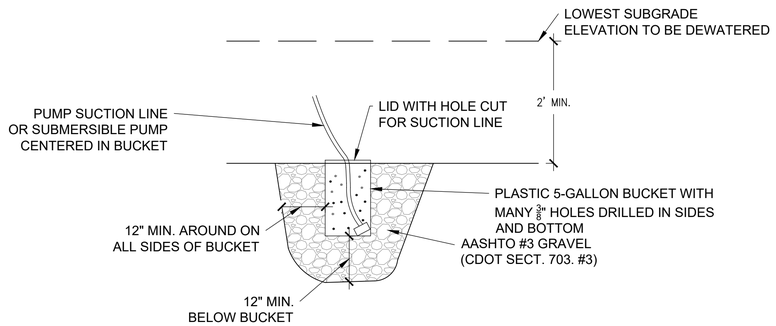


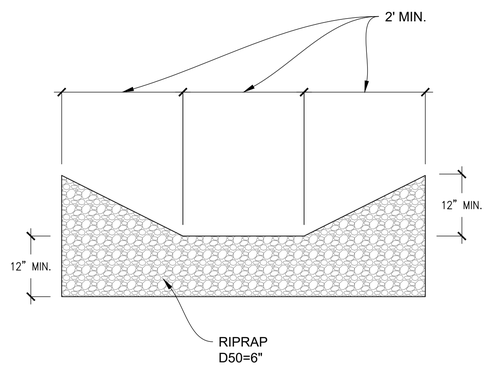
8 DEWATERING POND ALREADY FILLED WITH WATER
SECTION NTS





10 DEWATERING SUMP FOR SUBMERSED PUMP
SECTION NTS

9 SUMP DISCHARGE SETTLING BASIN
SECTION NTS



11 SETTLING BASIN
SECTION NTS

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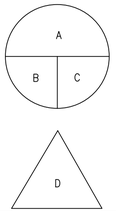
DRAWING SYMBOL CRITERIA



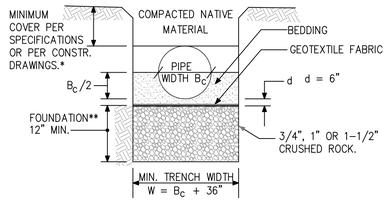
A=BASIN DESIGNATION

B=AREA IN ACRES

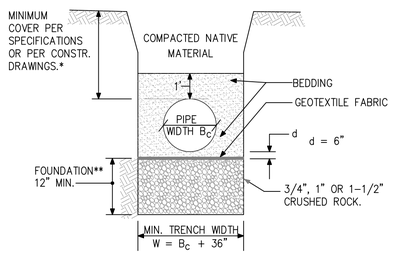
C=COMPOSITE RUNOFF COEFFICIENTS

D=DESIGN POINT DESIGNATION

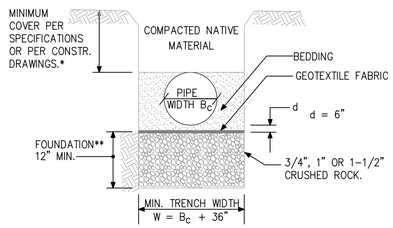
NATIVE SOIL:	BEDDING:
COARSE GRAINED SAND AND GRAVEL (50% OR MORE BY WEIGHT RETAINED ON # 40 SIEVE)	CDOT CLASS A FILTER MATERIAL (SECTION 703.0q)
FINE GRAINED SOIL (LESS THAN 50% RETAINED ON # 40 SIEVE)	UDFCD TYPE 1 FILTER MATERIAL, CDOT FINE AGGREGATE FOR CONCRETE AASHTO M6 (SECTION 703.01)



REINFORCED CONCRETE PIPE (RCP)



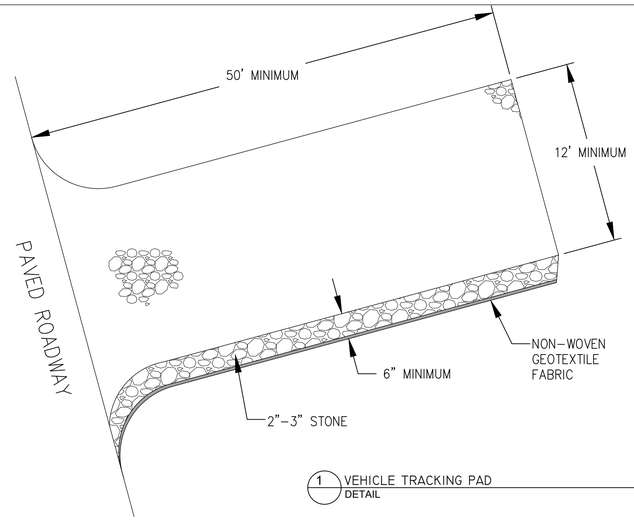
POLYVINYL CHLORIDE PIPE (PVC)



HIGH DENSITY POLYETHELENE (HDPE)

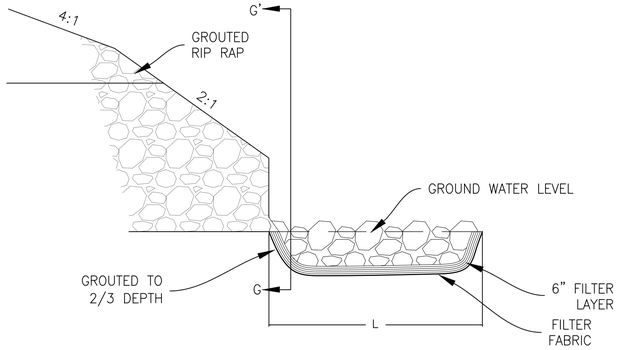
* MINIMUM COVER SHALL NOT INCLUDE PAVEMENT.
** MAY BE REQUIRED IN AREAS WITH HIGH GROUNDWATER TABLE OR UNSUITABLE SUB-GRADE.

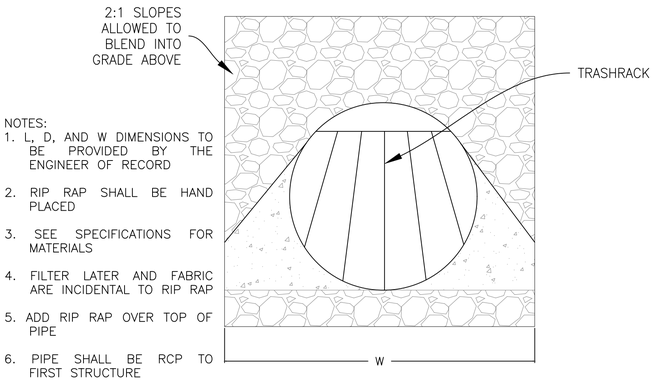
2 STORM DRAINAGE PIPE BEDDING PLAN DETAILS NTS



1 VEHICLE TRACKING PAD DETAIL NTS

NOTES:
1. PAVED ROADWAY TO BE KEPT CLEAN OF MUD, DIRT, ROCKS, AND DEBRIS AT ALL TIMES.
2. GEOTEXTILE FABRIC SHALL COMPLY WITH CDOT 712.08b.
3. 2"-3" STONE SHALL CONTAIN LESS THAN 10% FINES.
4. CONSTRUCTION EXIT SHALL BE MAINTAINED AT ALL TIMES. STONE SHOULD BE BLADED AND/OR ADDITIONAL 2"-3" STONE SHOULD BE PLACED IF VOIDS BEGIN FILLING WITH DEBRIS.
5. IF A DRAINAGE DITCH EXISTS NEXT TO ROADWAY, INSTALL TEMPORARY CULVERT UNDERNEATH STONE CONSTRUCTION EXIT TO CONVEY FLOW.
6. PROVIDE INLET PROTECTION FOR ANY INLETS LOCATED IMMEDIATELY ADJACENT TO THE CONSTRUCTION EXIT.
7. IF TRACKOUT DOES OCCUR, ROADWAY SHOULD BE SWEPT IMMEDIATELY.
8. RECYCLED CONCRETE OR RECYCLED ASPHALT SHALL NOT BE USED.

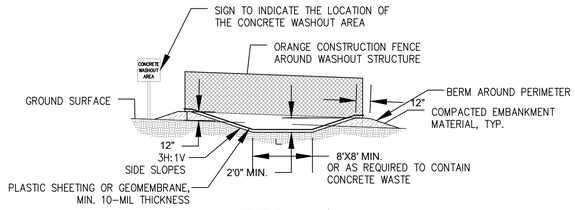




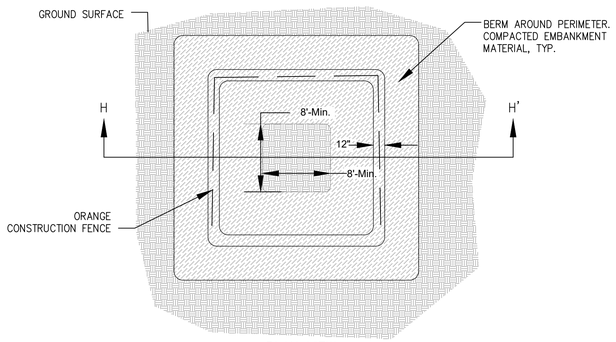
NOTES:
1. L, D, AND W DIMENSIONS TO BE PROVIDED BY THE ENGINEER OF RECORD
2. RIP RAP SHALL BE HAND PLACED
3. SEE SPECIFICATIONS FOR MATERIALS
4. FILTER LATER AND FABRIC ARE INCIDENTAL TO RIP RAP
5. ADD RIP RAP OVER TOP OF PIPE
6. PIPE SHALL BE RCP TO FIRST STRUCTURE

SECTION G-G'

3 RIP RAP AT CULVERT OUTLET DETAIL NTS



SECTION H-H'



PLAN VIEW

NOTES:
1. CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE; PLACED A MINIMUM 50' FROM STATE WATERS.
2. VEHICLE TRACKING CONTROL IS REQUIRED AT CONCRETE WASHOUT ENTRANCE IF ACCESS TO CONCRETE WASHOUT AREA IS OFF PAVEMENT.
3. A PLASTIC SHEETING OR GEOMEMBRANE LINER SHALL BE PLACED. MINIMUM 10-MIL THICKNESS..
4. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND/OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTE CONCRETE.
5. WASTE MATERIAL FROM CONCRETE WASHOUT OPERATIONS MUST BE REMOVED AND LEGALLY DISPOSED OF WHEN IT HAS ACCUMULATED TWO-THIRDS OF THE WET STORAGE CAPACITY OF THE STRUCTURE AND AT THE END OF CONSTRUCTION.
6. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER ACCEPTED BY THE CITY.
7. NO STORMWATER RUN-OFF SHALL DRAIN INTO CONCRETE WASHOUT AREA.

4 CONCRETE WASHOUT AREA DETAIL NTS

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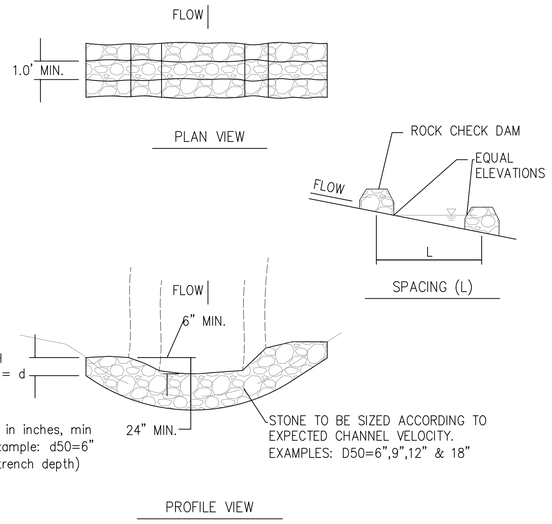
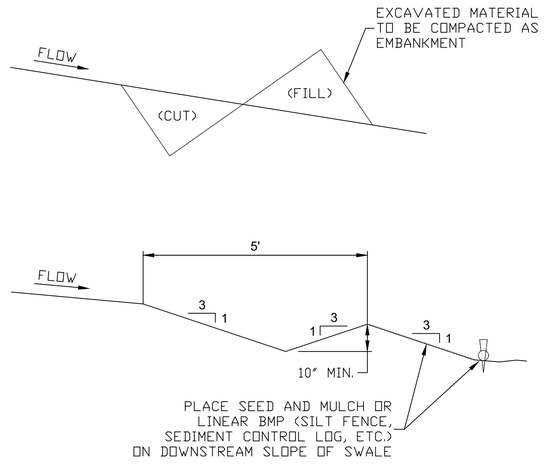


NOTES:

1. CHECK DAMS SHALL BE INSTALLED PRIOR TO UPSTREAM EARTH DISTURBING ACTIVITIES.
2. STONE SHALL HAVE < 10% FINES.
3. EACH END OF CHECK DAM SHALL BE 6" MINIMUM HIGHER THAN CENTER.
4. SEDIMENT SHALL BE REMOVED FROM THE CHECK DAM WHEN THE SEDIMENT DEPTH REACHES 1/2. THE HEIGHT OF THE CENTER.
5. CHECK DAM SHALL BE REMOVED ONCE ALL UPSTREAM DISTURBED AREAS HAVE BEEN STABILIZED.
6. UPON REMOVAL OF CHECK DAM, EXCAVATIONS SHALL BE FILLED WITH SUITABLE COMPACTED FILL, SEEDED AND COVERED WITH AN EROSION CONTROL BLANKET ADEQUATE FOR EXPECTED CHANNEL VELOCITY.

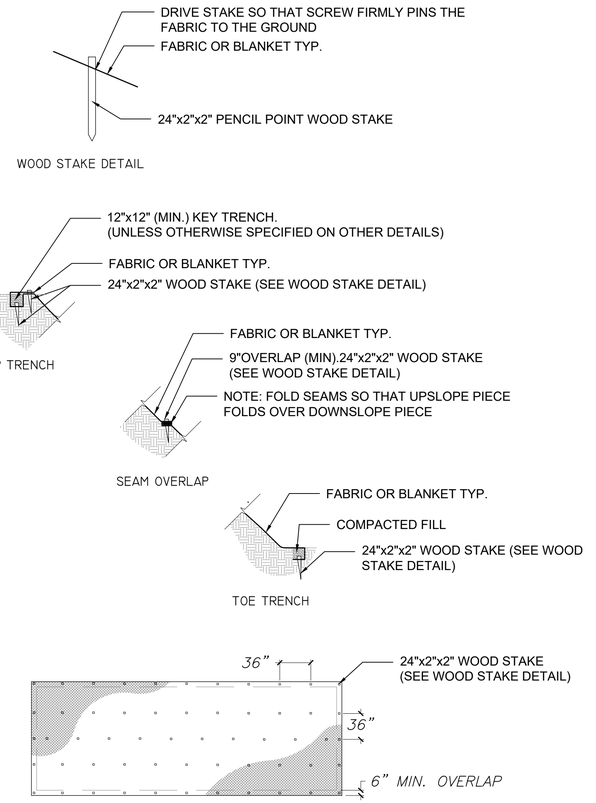
5 CHECK DAM DETAILS NTS



NOTES:

1. CHECK DAMS OR EROSION CONTROL BLANKETS MAY BE REQUIRED IF VELOCITY BEGINS TO ERODE DITCH/ SWALE.
2. DIVERSION DITCHES/ SWALES SHALL BE DISCHARGED TO SEDIMENT TRAPS OR BASINS WHICH HAVE BEEN SIZED APPROPRIATELY.
3. IF SEDIMENT BEGINS TO COLLECT IN THE SWALE, THE SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/3 THE HEIGHT OF THE SWALE.

6 DIVERSION DITCH/SWALE DETAILS NTS



NOTES:

1. WHERE FEASIBLE, FABRIC WILL BE ROLLED OUT AND INSTALLED PARALLEL WITH THE STREAM.
2. UPSTREAM FABRIC PIECES WILL OVERLAP DOWNSTREAM PIECES AND UPSLOPE PIECES WILL OVERLAP DOWNSLOPE PIECES.
3. FOLD OVERLAPPING SEAMS AT LEAST TWICE AND THEN STAKE.
4. AFTER INITIAL STAKING, STAKE FABRIC AS NECESSARY SO THAT IT IS COMPLETELY FLUSH WITH THE GROUND SURFACE.
5. SEED, RAKE, MULCH FINISHED GRADE PRIOR TO LAYING FABRIC.
6. SEE, RAKE, MULCH KEY TRENCHES PRIOR TO CLOSING FABRIC.

7 EROSION CONTROL FABRIC DETAILS NTS

S2O Design and Engineering

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Client:
SALMON WHITEWATER PARK ASSOCIATION AND THE CITY OF SALMON, IDAHO

Project Name:
SALMON EAST CHANNEL WHITEWATER DESIGN

Status:
60% DESIGN DRAWINGS

Drawing Name:
TYPICAL BMP'S

Revisions:
--

Drawn By:
NATHAN WERNER, CHRISTINE CLARK

Checked By:
Scott Shipley

Date:
04/21/2019

Vertical Datum:
NADD 88

Stamp:

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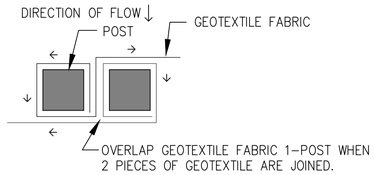
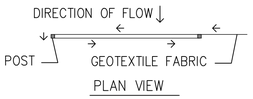
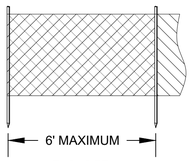


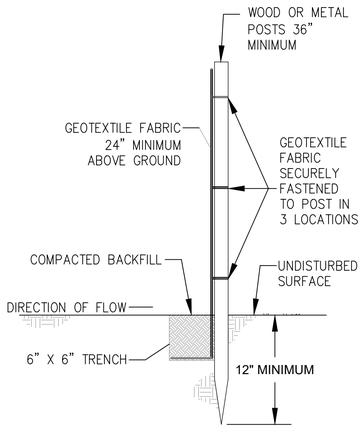
PLAN VIEW: TRANSITION DETAIL



PLAN VIEW

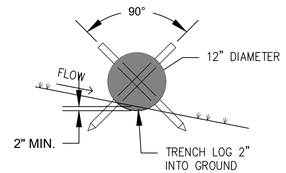


END DETAIL

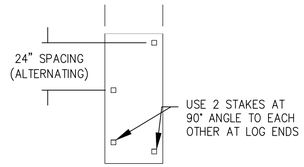


NOTES:
1. WOOD POSTS SHALL HAVE A MINIMUM DIAMETER OR CROSS–SECTION OF 2 INCHES. METAL POSTS SHALL BE STUDDED "T" OR "U" TYPE.
2. GEOTEXTILE FABRIC SHALL COMPLY WITH CDOT 712.08b.
3. GEOTEXTILE FABRIC SHALL EXTEND A MINIMUM OF 6" BELOW GRADE AND ANOTHER 6" HORIZONTALLY IN A "L" SHAPE BEFORE BACKFILLING AND COMPACTING THE TRENCH. (SLICING METHOD IS ALSO ACCEPTED)
4. SILT FENCE SHALL NOT BE USED IN CONCENTRATED FLOWS.
5. SILT FENCE SHALL ONLY BE PLACED PARALLEL TO SURFACE CONTOURS.
6. CLEAN AND REMOVE SILT WHEN THE SILT REACHES ⅓ THE HEIGHT OF THE GEOTEXTILE FABRIC.
7. UPON PERMANENT STABILIZATION OF AREAS UPSLOPE OF THE SILT FENCE, THE SILT FENCE SHALL BE REMOVED AND DISTURBED AREAS PERMANENTLY STABILIZED.

8 SILT FENCE
DETAILS
NTS



PROFILE VIEW



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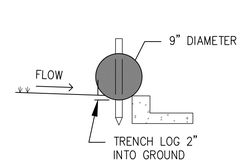

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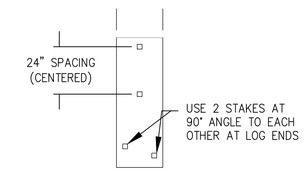

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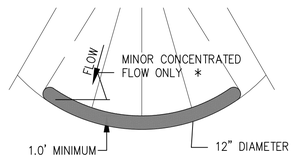

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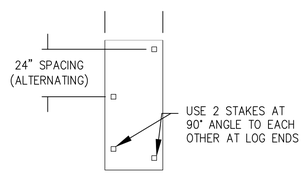

PLAN VIEW

* FOR MAJOR CONCENTRATED FLOWS, USE A ROCK CHECK DAM

NOTES:
1. STAKES SHALL BE 1–1/2" x 1–1/2" x 24" MINIMUM AND EMBEDDED INTO GROUND A MINIMUM OF 12".
2. SEDIMENT CONTROL LOG SHALL BE TRENCHED 2" INTO GROUND.
3. FOR CONTINUOUS CONTROL, ADJACENT SEDIMENT CONTROL LOGS SHALL BE PLACED FIRMLY TOGETHER WITH NO GAPS.
4. SEDIMENT SHALL BE CLEANED/ REMOVED WHEN SEDIMENT DEPTH IS 1/2 THE HEIGHT OF THE SEDIMENT CONTROL LOG.

9 SEDIMENT CONTROL LOG
DETAILS
NTS

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