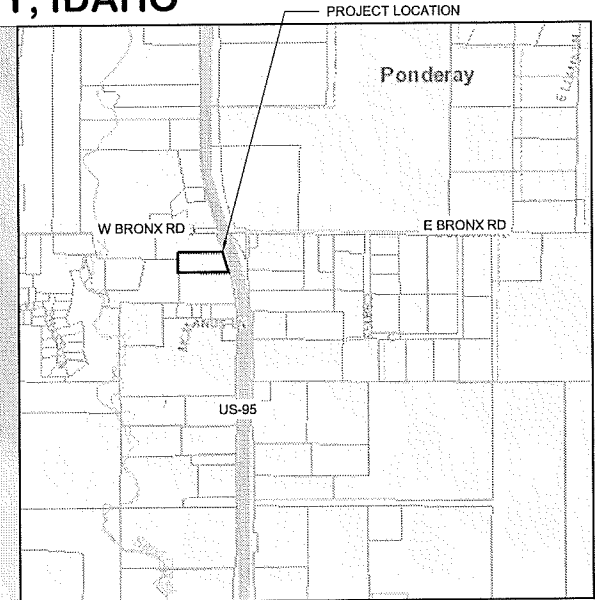


WRENCO ARMS STORMWATER MANAGEMENT, GRADING, AND EROSION CONTROL PLAN

SECTION 3, TOWNSHIP 57 NORTH, RANGE 2 WEST, BOISE MERIDIAN, BONNER COUNTY, IDAHO



VICINITY MAP
NOT TO SCALE



2.5.18

No.	DATE	REVISION

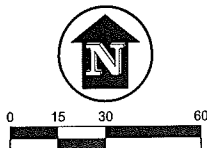
James A. Sewell and Associates, LLC
1319 NORTH DIVISION
SANDPOINT, IDAHO 83864
(208) 263-4160

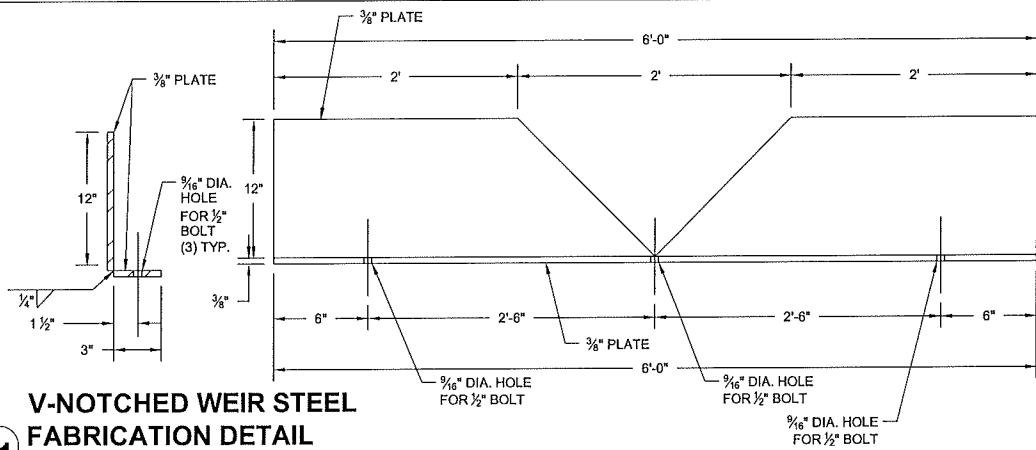


SHEET TITLE: EXISTING SITE PLAN & VICINITY MAP
PROJECT: WRENCO ARMS STORMWATER MAGEMENT PLAN BONNER COUNTY, IDAHO

DATE:	2-5-18
SCALE:	AS SHOWN
DESIGNED:	TCB/JFQ
DRAWN:	JFQ
CHECKED:	TCB
PROJ NO:	23201-18-001
CAD FILE:	E-WRENCO

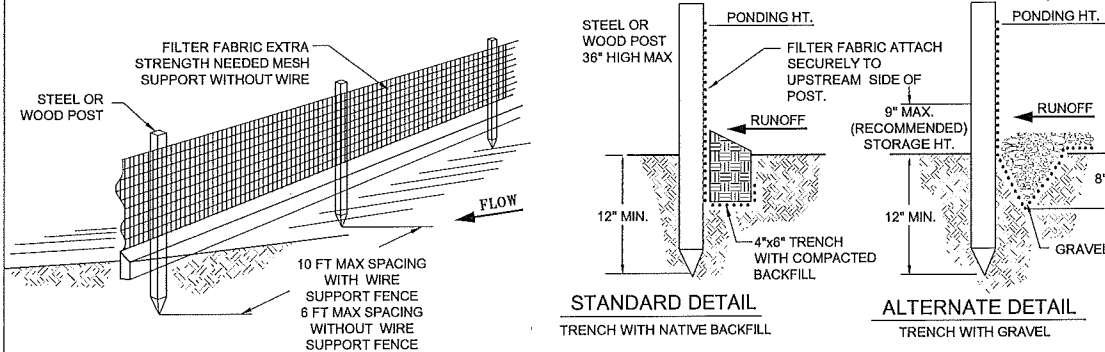
SHEET 1 OF 3





1.1 V-NOTCHED WEIR STEEL FABRICATION DETAIL

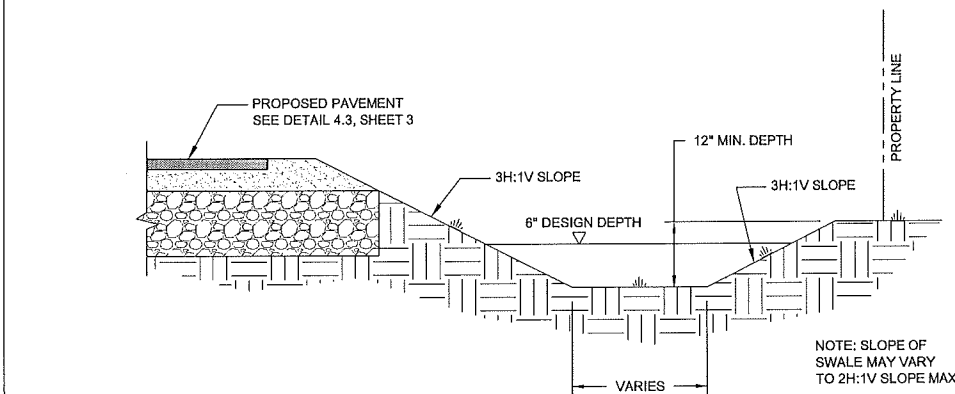
SCALE: N.T.S.



2.1 SILT FENCE

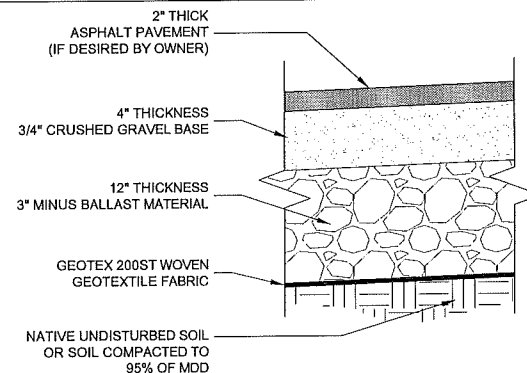
SCALE: N.T.S.

NOTE:
 1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
 2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE.
 3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.



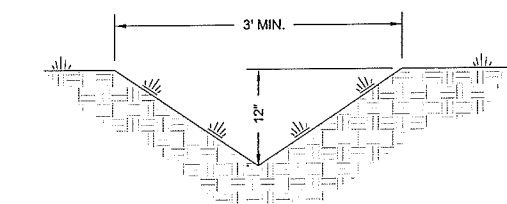
3.1 GRASSY INFILTRATION AREA

SCALE: N.T.S.



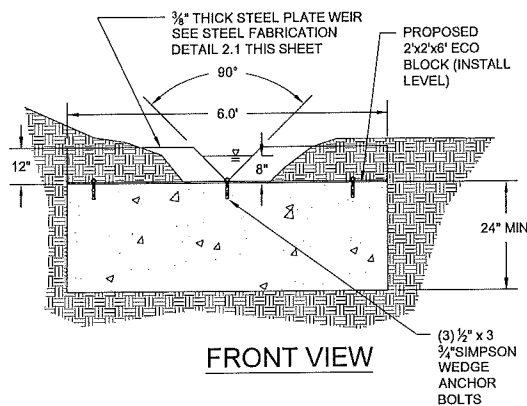
3.3 PROPOSED PAVEMENT SECTION

SCALE: NOT TO SCALE

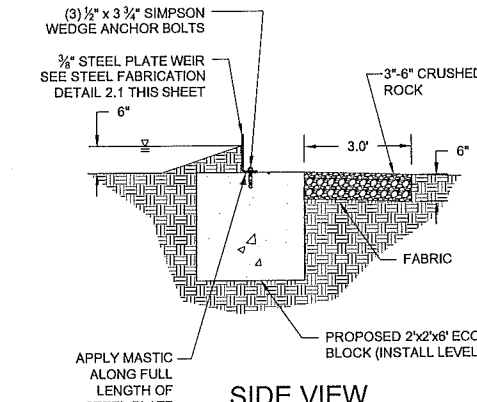


4.3 GRASSY CONVEYANCE DITCH

SCALE: NOT TO SCALE



FRONT VIEW



SIDE VIEW

2.3 V-NOTCHED WEIR DETAIL

SCALE: N.T.S.

GENERAL - STORMWATER AND EROSION CONTROL SHALL CONFORM TO THE CITY OF PONDERAY CODE. THE CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL REPORT SIGNIFICANT CONFLICTS BETWEEN CONDITIONS SHOWN ON PLANS AND CONDITIONS ENCOUNTERED IN THE FIELD TO THE OWNER AND THE ENGINEER OR THE ENGINEER'S REPRESENTATIVE. THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS.

CONSTRUCTION STAGING - A CONSTRUCTION STAGING AREA SHALL BE DELINEATED TO LIMIT CONSTRUCTION VEHICLE DISTURBANCES.

EXCESS EXCAVATION - EXCESS EXCAVATION SHALL BE PLACED WHERE DIRECTED BY THE ENGINEER.

MATERIAL STOCK PILES - ALL ERODABLE STOCK PILED MATERIALS SHALL BE COVERED WITH TARPS AND SECURED, OR THE BASE OF THE STOCK PILES SHALL BE SURROUNDED BY SILT FENCE.

CULVERTS - CULVERTS SHALL BE CORRUGATED METAL PIPE OR ADS TYPE N-12 PIPE, 12" MIN DIAMETER, OR OTHERWISE SPECIFIED BY ENGINEER.

GIA SEEDING - THE GIAs SHALL BE SEEDDED WITH NATIVE SEED MIXTURE. RECOMMENDATIONS FOR SEEDING MIXTURE MAY BE OBTAINED FROM THE U.S.D.A. NATURAL RESOURCE CONSERVATION SERVICE, LANDSCAPE ARCHITECT OR COMMERCIALY MARKETED GRASS MIXTURE MAY BE APPLIED ACCORDING TO THE ATTACHED INSTRUCTIONS.

EROSION CONTROL - EROSION CONTROL SHALL BE MAINTAINED THROUGH THE USE OF EXISTING VEGETATION, SILT FENCE, AND RESEEDING OF AREAS DENUDEED OF VEGETATION. SILT FENCE SHALL BE PLACED DOWNSLOPE OF ALL CONSTRUCTION. AREAS WHERE CONSTRUCTION ACTIVITIES TEMPORARILY CEASE FOR MORE THAN 21 DAYS SHALL BE STABILIZED WITH SEEDING OR OTHER METHODS OF STABILIZATION APPROVED BY THE ENGINEER OR HIS REPRESENTATIVE. LESS THAN ONE HALF THE SITE SHALL BE DENUDEED OF VEGETATION AT ANY ONE TIME. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF EROSION CONTROL MEASURES UNTIL SUCH TIME THAT FINAL STABILIZATION OF THE SITE IS COMPLETE.

INSPECTIONS - THE CONTRACTOR SHALL INSPECT ALL STORM WATER AND EROSION CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER UNTIL SUCH TIME THAT FINAL STABILIZATION IS COMPLETE. THE FOLLOWING ITEMS SHALL BE INSPECTED:

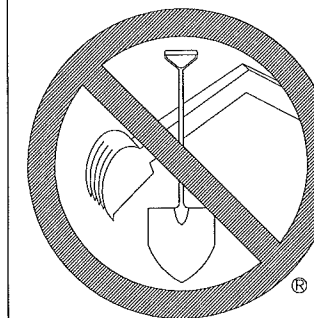
- SILT FENCE
 - DEPTH OF SEDIMENT (SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED 1/3 THE HEIGHT OF THE SILT FENCE)
 - TEARS IN FABRIC
 - FABRIC SECURED TO FENCE POSTS
 - FENCE POST FIRMLY IN GROUND
- RESEEDING
 - BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH
- GIAs
 - DEPTH OF SEDIMENT (SEDIMENT SHALL BE REMOVED WHEN IT REACHES 10% OF THE DESIGN CAPACITY OF THE GIA, AND/OR AT THE END OF CONSTRUCTION)
- CULVERTS
 - CLOGS
 - SEDIMENT BUILD UP
 - SIGNS OF EROSION

THE ENGINEER OR THE ENGINEER'S REPRESENTATIVE SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF THE FOLLOWING INSTALATIONS:

- TEMPORARY EROSION CONTROL MEASURES
 - SILT FENCE
 - RESEEDING
- GIAs
- CULVERTS

3.4 SPECIFICATIONS

SCALE: NOT TO SCALE



**CALL
2 WORKING
DAYS
BEFORE
YOU DIG!**

Bonner Boundary One Call
811



2.5.18

DRNGCH	
REVISION	
No.	DATE:

James A. Sewell and Associates, LLC
 1319 NORTH DIVISION
 SANDPOINT, IDAHO 83864
 (208) 263-4160



DETAILS AND SPECIFICATIONS
 PROJECT: WRENCO ARMS STORMWATER MAGEMENT PLAN
 BONNER COUNTY, IDAHO

SHEET TITLE:	DETAILS AND SPECIFICATIONS
DATE:	2-5-18
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SHEET 3 OF 3