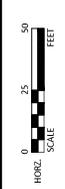


GORMAN DAM FLOW ESTIMATES		
2-YEAR FLOW	152	CFS
10-YEAR FLOW	546	CFS
100-YEAR FLOW	980	CFS
90% FLOW DIVERSION	1.05	CFS
50% FLOW DIVERSION	9.88	CFS
10% FLOW DIVERSION	91.4	CFS
DRAINAGE AREA UPSTREAM OF GORMAN DAM	69.1	Sq Miles

REMOVAL NOTES:
 1. ALL ITEMS INDICATED TO BE REMOVED FROM THE PROJECT SITE MUST BE REMOVED BY THE CONTRACTOR AND IN ACCORDANCE WITH ALL LAWS AND GUIDELINES.
 2. CONTRACTOR SHALL PROTECT ALL TREES WITHIN CONSTRUCTION LIMITS UNLESS TREES ARE SPECIFICALLY CALLED OUT TO BE REMOVED OR IDENTIFIED BY THE ENGINEER FOR REMOVAL.



PRELIMINARY
 BRENT JONASSEN
 10/20/2018

PROJECT NO. 180027005

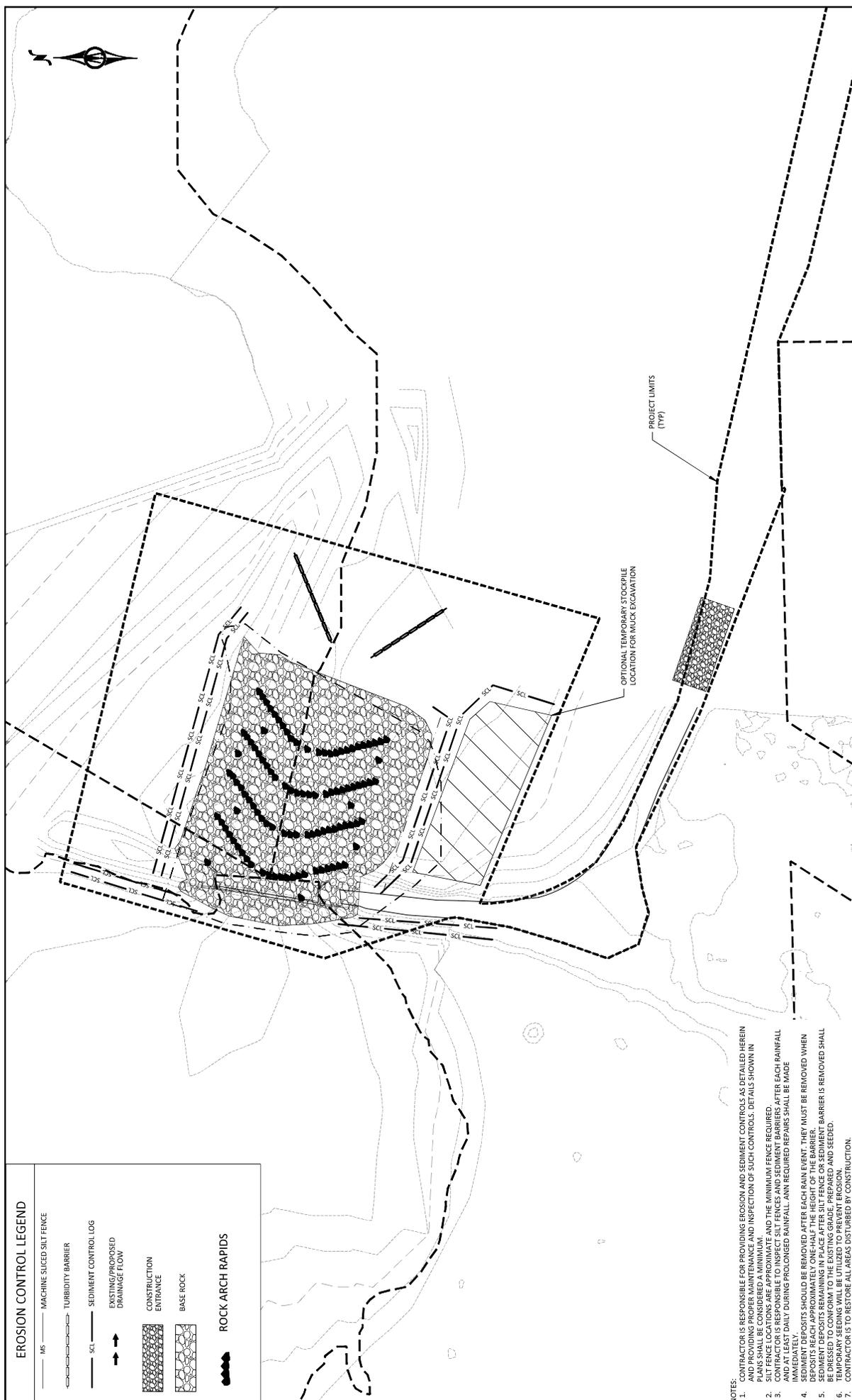


3507 HIGH POINT DRIVE NORTH
 OMAHA, MN 55128
 Phone: (651) 704-9970
 Email: www@bolton-menk.com
www.bolton-menk.com

DATE: 10/20/2018
 DRAWN BY: BJR
 CHECKED BY: BJR
 SCALE: AS SHOWN
 PROJECT NO.: 180027005

CLEAN RIVER PARTNERS, MINNESOTA
 CANNON RIVER FISH PASSAGE
 EXISTING CONDITIONS & REMOVALS
 GORMAN DAM

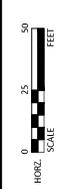
SHEET
 C0.01



EROSION CONTROL LEGEND

- MS MACHINE SILED SILT FENCE
- TURBIDITY BARRIER
- SCL SEDIMENT CONTROL LOG
- EXISTING/PROPOSED DRAINAGE FLOW
- CONSTRUCTION ENTRANCE
- BASE ROCK
- ROCK ARCH RAPIDS

- NOTES:**
1. CONTRACTOR IS RESPONSIBLE FOR PROVIDING EROSION AND SEDIMENT CONTROLS AS DETAILED HEREIN AND PROVIDING PROPER MAINTENANCE AND INSPECTION OF SUCH CONTROLS. DETAILS SHOWN IN PLANS SHALL BE CONSIDERED A MINIMUM.
 2. SILT FENCE LOCATIONS ARE APPROXIMATE AND THE MINIMUM FENCE REQUIRED.
 3. SCL SHALL BE MAINTAINED AT ALL TIMES AND REPAIRS SHALL BE MADE IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 4. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAIN EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
 5. ALL EXISTING AND PROPOSED BARRIERS IS REMOVED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
 6. TEMPORARY SEEDING WILL BE UTILIZED TO PREVENT EROSION.
 7. CONTRACTOR IS TO RESTORE ALL AREAS DISTURBED BY CONSTRUCTION.



PRELIMINARY
BRENT JONHSEN
3/23/2018

PROJECT NO. 1800027005
DATE: 3/23/2018



3507 HIGH POINT DRIVE NORTH,
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NO.	DATE	BY	DESCRIPTION
1	3/23/2018	BHJ	ISSUED FOR PERMIT
2		BDR	
3		BDR	

CLEAN RIVER PARTNERS, MINNESOTA
CANNON RIVER FISH PASSAGE
EROSION AND SEDIMENT CONTROL PLAN
GERMAN DAM

SHEET
C2.04

