



SITE OVERVIEW AND LOG PLACEMENT PLAN

SCALE: 1"=120'

GENERAL NOTES

- THE PURPOSE OF THE PROPOSED LOG PLACEMENTS IS TO PROVIDE IMPROVED ECOLOGICAL FUNCTION THROUGH ENHANCEMENTS TO CHANNEL FORM AND COMPLEXITY.
 - THE PROPOSED PLACEMENT LOCATIONS AND STABILIZATION METHODS ARE THE RESULT OF A BALANCE BETWEEN THE FOLLOWING OBJECTIVES:
 - PUBLIC HEALTH AND SAFETY
 - STRUCTURAL STABILITY AND PERSISTENCE
 - ECOLOGICAL FUNCTION
 - COST AND POTENTIAL IMPACTS OF INSTALLATION
 - THE LOCATIONS AND STABILIZATION METHODS PROPOSED HAVE BEEN SELECTED TO PROVIDE A HIGH LEVEL FUNCTION AND STABILITY, WITHOUT INCORPORATING ENGINEERED FEATURES SUCH AS PIERS, CABLES, OR MECHANICAL CONNECTIONS. AS A RESULT, SOME AMOUNT OF STRUCTURAL ADJUSTMENT OR LOSS OF MATERIAL SHOULD BE ANTICIPATED TO OCCUR DURING LARGE FLOOD EVENTS.
 - LOG PLACEMENT LOCATIONS SHOWN ARE SCHEMATIC. ACTUAL LOG PLACEMENT LOCATIONS AND STABILIZATION METHODOLOGY SHALL BE AS DIRECTED IN THE FIELD BY THE OWNER'S REPRESENTATIVE TO BEST SUIT FIELD CONDITIONS AT THE TIME OF INSTALLATION.
 - THE OWNER'S REPRESENTATIVE SHALL BE A QUALIFIED CIVIL ENGINEER OR GEOMORPHOLOGIST WITH EXPERIENCE IMPLEMENTING LARGE WOOD PLACEMENT PROJECTS OF A SIMILAR NATURE.
- SIDE CHANNEL PLACEMENTS**
- LOGS DIAMETER = 18 IN. (MINIMUM). LENGTH = 40-60 FT.
 - PLACE LOGS RANDOMLY WITHIN SIDE CHANNEL LIMITS. EXACT LOCATIONS SHALL BE AS DIRECTED BY THE OWNER'S REPRESENTATIVE AT THE TIME OF INSTALLATION.
 - PLACE LOGS BOTH PARALLEL AND PERPENDICULAR TO THE CHANNEL.
 - PLACE LOGS UPSTREAM OF EXISTING TREES AND WEDGED BETWEEN PAIRS OF EXISTING TREES TO INCREASE STABILITY, AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
 - PLACE LOGS SUCH THAT A PORTION OF THE LOGS REMAIN ABOVE THE DESIGN FLOOD ELEVATION TO PROVIDE DOWNWARD BALLAST FORCE, AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- APEX AND LATERAL JAM PLACEMENTS**
- BURY SELECT "KEY LOGS" SO THAT APPROXIMATELY 1/2 OF THE LOG LENGTH IS TRENCHED INTO THE BANK OR BAR FORMATIONS WITH A MINIMUM DEPTH OF 3 FEET OF FILL PLACED OVER THE TOP OF THE LOG. BACKFILL WITH A MIX OF NATIVE STREAMBED MATERIAL AND IMPORTED BOULDERS, AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
 - PLACE ADDITIONAL BOULDERS ALONG THE EXPOSED SIDES OF LOGS TO REDUCE THE POTENTIAL FOR ROTATION, AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
 - LOGS DIAMETER = 18 IN. (MINIMUM). LENGTH = 40-60 FT.



REGIONAL MAP
N.T.S. (GOOGLE)

LEGEND	
	LWD PLACEMENT SITE
	LATERAL JAM SITE
	APEX JAM SITE
	STAGING AREA
	TEMPORARY ACCESS PATH
	EXISTING ROADWAY
	MAIN CHANNEL
	SIDE CHANNEL FLOWLINE
DESIGNED BY: DRAWN BY: CHECKED BY: K.N. J.D. DATE: 03/02/12 JOB NO.: 10-003	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES FOR REDUCED PLOTS 0 1"

FIGURE 1