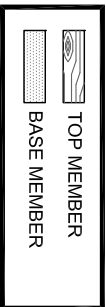


ELWS LEGEND

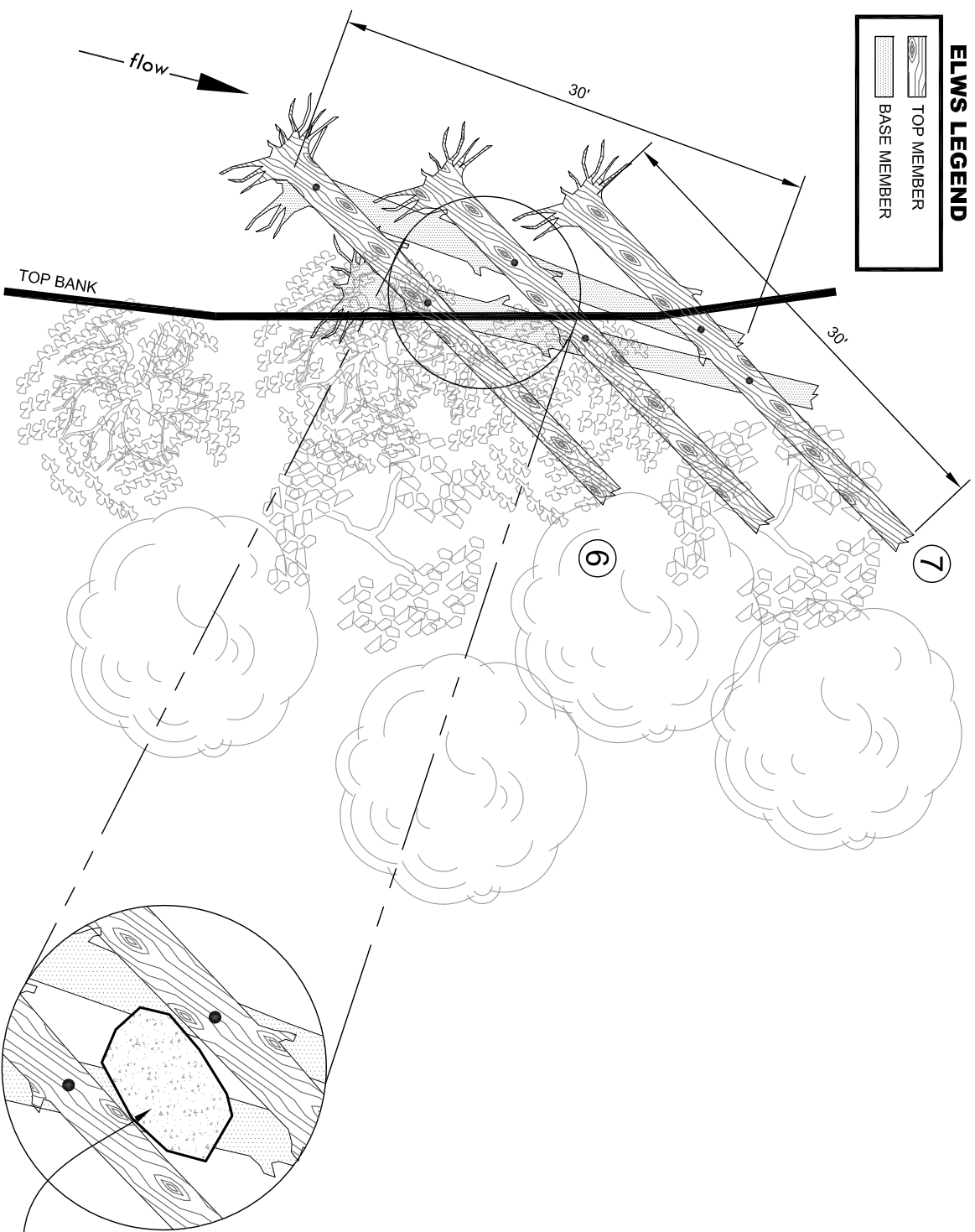


DESIGN INTENT

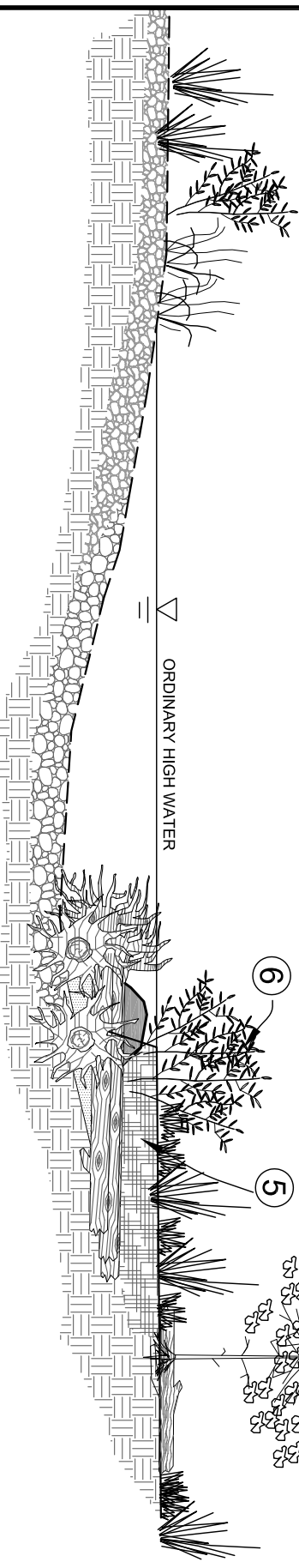
XX

CONSTRUCTION NOTES

- CONSTRUCTION ACTIVITY TO BE SUPERVISED BY THE PROJECT INSPECTOR. CENTERLINE, OFFSET AND GRADING LIMIT STAKES WILL BE PROVIDED. SPECIAL ATTENTION SHALL BE TAKEN TO OPERATE EQUIPMENT IN A SAFE AND EFFICIENT MANNER WITH MINIMAL DISTURBANCE OUTSIDE OF GRADING LIMITS UNLESS OTHERWISE SPECIFIED. UTMOST CARE SHALL BE EMPLOYED TO ENSURE EXCAVATED MATERIALS FROM BANK SHAPING AND LARGE WOOD STRUCTURE CONSTRUCTION DO NOT ENTER RIVER OR INCREASE AMBIENT TURBIDITY LEVELS.
- CONSTRUCT ELWS FOR NEAR-BANK ENERGY DISSIPATION AND FISH HABITAT ENHANCEMENT. LOGS FOR THE ELWS SHALL BE CEDAR, SPRUCE, PINE OR FIR. LIMBS AND BRANCHES SHALL BE INTACT TO THE FULLEST EXTENT POSSIBLE. STRUCTURE MEMBERS ARE TO BE A MINIMUM OF 2" STEM DIAMETER, WITH 6" EFFECTIVE DIAMETER ROOTWAD. EXCAVATE BASE MEMBER OF ELWS INTO THE STREAMBED A MINIMUM OF 50% OF EFFECTIVE ROOTWAD DIA., OR 3". USE EXCAVATED GRAVELS TO BACKFILL AROUND BASE MEMBERS. CONSTRUCTION SPECIFICATIONS: CS-11, CS-17, CS-10, MS-211 APPLY.
- ANCHOR ALL LARGE WOOD MEMBERS TOGETHER AS SHOWN IN ANCHOR DETAIL. EACH MEMBER SHALL BE CONNECTED AT A MINIMUM OF 2 LOCATIONS AS SHOWN IN THE PLAN VIEW.
- BALLAST STRUCTURE WITH (4) 3.5' DIAMETER BOULDERS. BOULDER BALLAST SHALL BE PLACED WITHIN AND ON TOP OF ELWS IN A STABLE POSITION. BALLAST NOT SHOWN ON PLAN VIEW FOR CLARITY. PLACE LARGEST BALLAST IN FRAMED ELWS CHAMBER AS SHOWN IN DETAIL. BALLAST PLACEMENT TO BE SUPERVISED BY NRCS ENGINEER. CONSTRUCTION SPECIFICATIONS: CS-11, CS-15, CS-17, CS-56, CS-101, MS-211, MS-212 APPLY.
- BACKFILL COMPACTION AROUND-WITHIN AND ABOVE ELWS SHALL BE PERFORMED ACCORDING TO CS-17, STRUCTURAL BACKFILL.
- ELWS - BANKLINE INTERFACE AND PLACED BACKFILL AND SURROUNDING AREA TO BE PLANTED WITH SALVAGED VEGETATION (SHEET PLANT) INCLUDING WILLOW AND ALDER CLUMP PLANTINGS AND VEGETATIVE SPECIFICATIONS OUTLINED ON THE PROJECT RE-VEGETATION PLAN (SHEET MSP). CONSTRUCTION SPECIFICATIONS: CS-31, CS-83 APPLY.
- EXPOSED BUTT ENDS OF ALL LARGE WOOD SHALL BE ROUGHENED AND BROKEN. EXPOSED SAWED BUTT ENDS ARE NOT ACCEPTED.



1 PLAN VIEW
NOT TO SCALE



2 SECTION
NOT TO SCALE

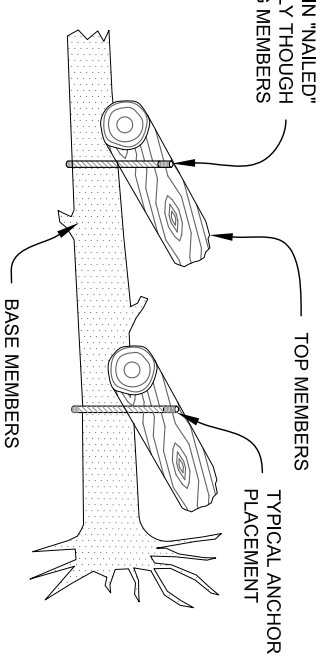
ELWS C ELEVATIONS

STRUCTURE #	STATION	TOP FINISHED ELEVATION
1	X+XX	X+XX
2	X+XX	X+XX
3	X+XX	X+XX
4	X+XX	X+XX

ELW C LOCATION SCHEDULE

STRUCTURE #	RIVER RIGHT	RIVER RIGHT
1	X+XX	X+XX
2	X+XX	X+XX
3	X+XX	X+XX
4	X+XX	X+XX

3 2"Ø REBAR PIN "NALLED" COMPLETELY THROUGH ADJOINING MEMBERS



2 LOG TO LOG ANCHOR
NOT TO SCALE

25% DRAFT

NO.	DATE	BY	DESCRIPTION	CHK
*	12/02/09	RB	25% REVIEW	SW

PROJECT NUMBER: RDG-09-051
DRAWING NUMBER: 3.2
Drawing X of Y

ENGINEERED LARGE WOOD C
SODOM DAM REMOVAL
CALAPOOIA WATERSHED COUNCIL

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