FIELDSTONE MUST BE NO MORE THAN 6’ WATERWARD OF OHWL

LAKE

PLANT NATIVE PLUGS 1 PLANT PER SQ. FT

EXISTING VEGETATION BUFFER

PROPOSED CUT LINE/TOP OF BANK

FIELDSTONE TO BE NON-UNIFORM ALONG TOE

RESTORE/PRESERVE EXISTING NATIVE VEGETATION

SOIL LIFT W/ EROSION CONTROL BLANKET & 12" WOOD STAKES

CL V FIELDSTONE

PLAN

EXISTING TOP OF BANK

PLANT NATIVE PLUGS 1 PLANT PER SQ. FT

MATCH SOIL LIFT ELEVATION TO EXISTING GRADE

PREVENT OR REBUILD ICE RIDGE IF PRESENT

TRENCH IN EROSION CONTROL BLANKET

12" WOOD STAKES 3’ O/C

PROPOSED CUT LINE

EROSION CONTROL BLANKET

ANCHOR BLANKET UNDER FOOTER BOULDERS

SOIL LIFT

CL V FIELDSTONE

CROSS SECTION

DETAIL IS INTENDED FOR GUIDANCE PURPOSES ONLY; PERMIT APPLICATION SHALL INCLUDE PROJECT-SPECIFIC DESIGNS AND DETAILS FOR DISTRICT REVIEW. ADDITIONAL PERMITS MAY BE REQUIRED BEYOND DISTRICT PERMIT. PERMITTEE SHALL BE RESPONSIBLE FOR AND ACQUIRE ANY ADDITIONAL REQUIRED PERMITS.

NOTES:

1. ROCK SHALL BE CL V FIELDSTONE PER MNDOT SPEC 3601.
2. ELEVATION OF TOP OF HEADER BOULDER SHALL BE AT THE BANK TOE ELEVATION.
3. PLACE AND COMPACT SOIL FILL MATERIAL BETWEEN ROCKS TO FILL IN VOID SPACES. FILL MATERIAL TO BE COMPRISED OF BLACK DIRT TO SUPPORT DEEP ROOTED VEGETATION. MINIMUM DEPTH OF SOIL ABOVE TOP OF BOULDERS SHALL BE 6 INCHES.
4. NAG C700 BN EROSION CONTROL BLANKET TO BE PLACED MINIMUM 3 FEET INSIDE BANK AND STAKED WITH 12" WOOD STAKES. PLACE BLACK DIRT ON TOP OF FILL MATERIAL AND WRAP BLANKET OVER SOIL TO COMPLETE THE LIFT. THE SLOPE OF THE SOIL LIFT SURFACE SHALL BE MAXIMUM 3:1.
5. INSTALL NATIVE PLANT PLUGS IN THE SOIL LIFT BY CUTTING SMALL SLITS THROUGH THE BLANKET MATERIAL. MINIMUM PLANTING DENSITY OF 1 PLANT PER SQ. FT.
6. PRESERVE ALL EXISTING WOODY VEGETATION ON SHORELINE.