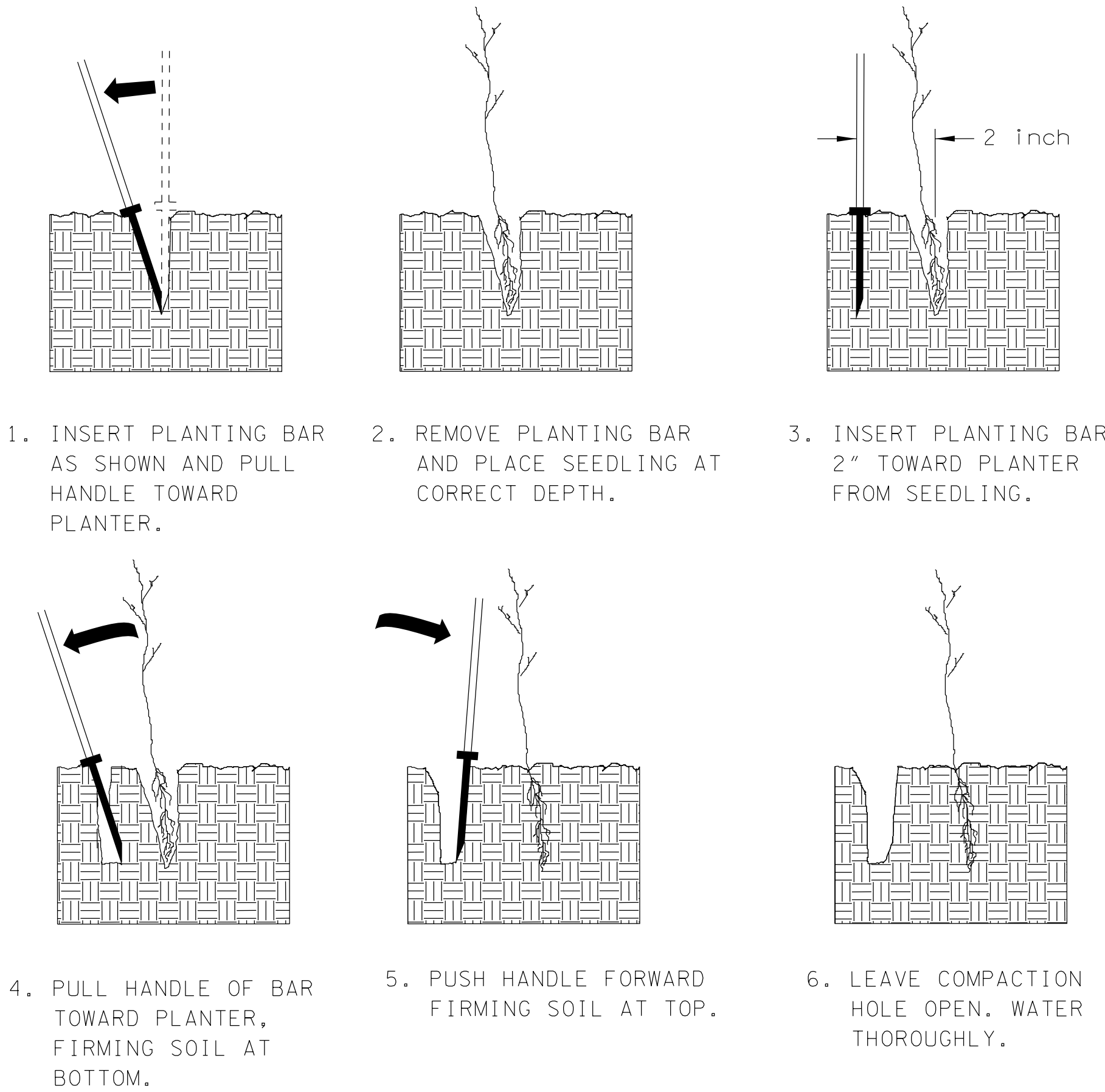


DIBBLE PLANTING METHOD  
USING THE KBC PLANTING BAR

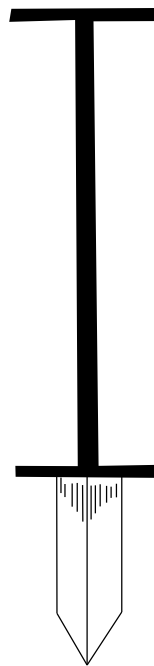


PLANTING NOTES:

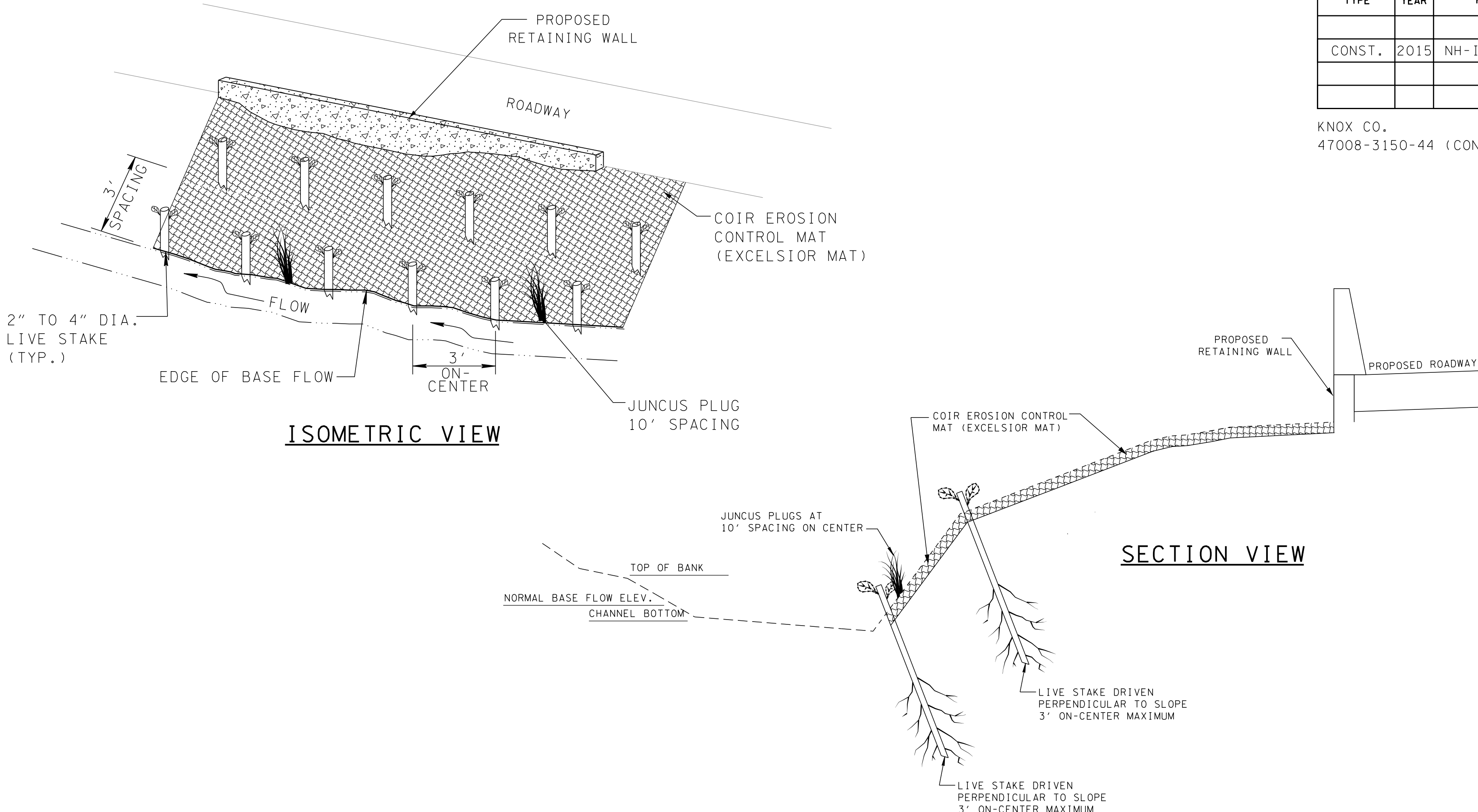
PLANTING BAG:  
DURING PLANTING, SEEDLINGS SHALL BE KEPT IN A MOIST CANVAS BAG OR SIMILAR CONTAINER TO PREVENT THE ROOT SYSTEMS FROM DRYING.



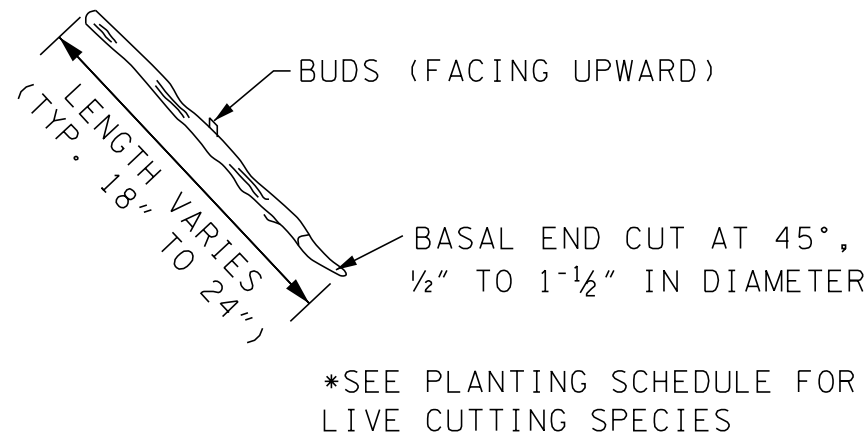
KBC PLANTING BAR:  
PLANTING BAR SHALL HAVE A BLADE WITH A TRIANGULAR CROSS SECTION, AND SHALL BE 1' LONG, 4" WIDE AND 1" THICK AT CENTER.



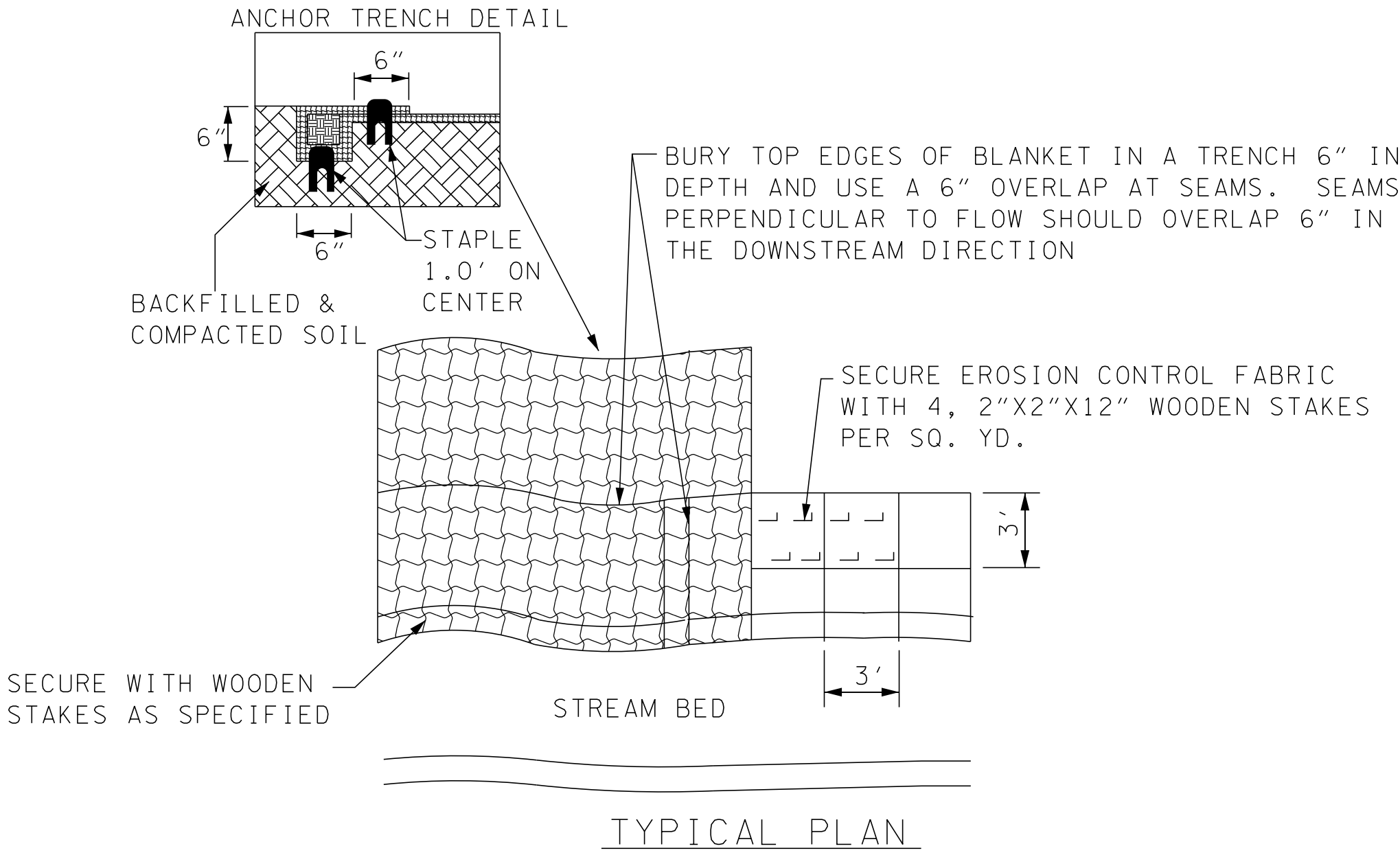
ROOT PRUNING:  
ALL SEEDLINGS SHALL BE ROOT PRUNED, IF NECESSARY, SO THAT NO ROOTS EXTEND MORE THAN 10" BELOW THE ROOT COLLAR.



1. LIVE CUTTINGS SHALL BE INSTALLED IN TWO STAGGERED ROWS BETWEEN THE WESTBOUND LANES OF I-640 AND THE STREAM. ONE ROW SHALL BE LOCATED AT THE EDGE OF BASE FLOW AND THE OTHER SHALL BE OFFSET 3' FROM CENTER. SPACING BETWEEN THE CUTTINGS SHALL BE 3'.
2. LIVE CUTTINGS SHALL BE CUT FROM AN APPROVED SOURCE WITH A SHARP TOOL OR ORDERED FROM A REPUTABLE SUPPLIER. CUTTING SHALL BE FREE FROM DISEASE OR EXCESS DEAD TWIGS, 18"-24" IN LENGTH WITH A BASAL END 0.5 TO 1.5 INCHES IN DIAMETER. PRIOR TO INSTALLATION BASAL END SHALL BE CUT AT A 45 DEGREE ANGLE AND THE END SHALL BE CUT FLAT WITHOUT CRACKS.
3. LIVE CUTTINGS SHALL BE INSTALLED BY PUSHING OR GENTLY TAMPING INTO THE SOIL LEAVING 4 TO 8 INCHES EXPOSED.
4. LIVE CUTTINGS SHALL BE INSTALLED WHEN THEY ARE DORMANT, WHICH TYPICALLY OCCURS BETWEEN NOVEMBER 15 AND MARCH 15. LIVE CUTTINGS TO BE PAID FOR UNDER ITEM NOS. 802-02.32, CUTTINGS: CORNUS AMOMUM (18-24IN), 802-02.33, CUTTINGS: SAMBUCUS CANADENSIS (18-24IN), 802-02.35, CUTTINGS: CEPHALANTHUS OCCIDENTALIS (18-24IN), AND 802-02.31, CUTTINGS: SALIX SERICEA (18-24IN). PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO CONSTRUCT AS SHOWN IN THE DETAIL.



DETAIL - LIVE CUTTING  
NOT TO SCALE



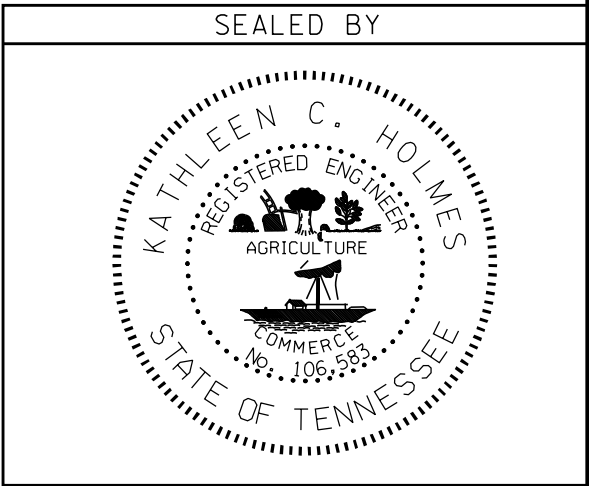
1. PREPARE THE SEEDBED AND PLACE SEED PRIOR TO INSTALLING EROSION CONTROL BLANKETS.
2. EROSION CONTROL BLANKET IS TO BE PAID FOR UNDER ITEM NO. 805-12.04, EROSION CONTROL BLANKET TYPE IV (EXCELSIOR MAT). THE ECB SHALL BE BIODEGRADABLE. PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO CONSTRUCT AS SHOWN IN THE DETAIL.

DETAIL - COIR FIBER EROSION BLANKET (FOR STREAM BANKS)  
NOT TO SCALE

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-I-640-7(161)	2U

KNOX CO.  
47008-3150-44 (CONST.)

I-640



COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.0001 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

STREAM 1  
DETAIL

N.T.S.