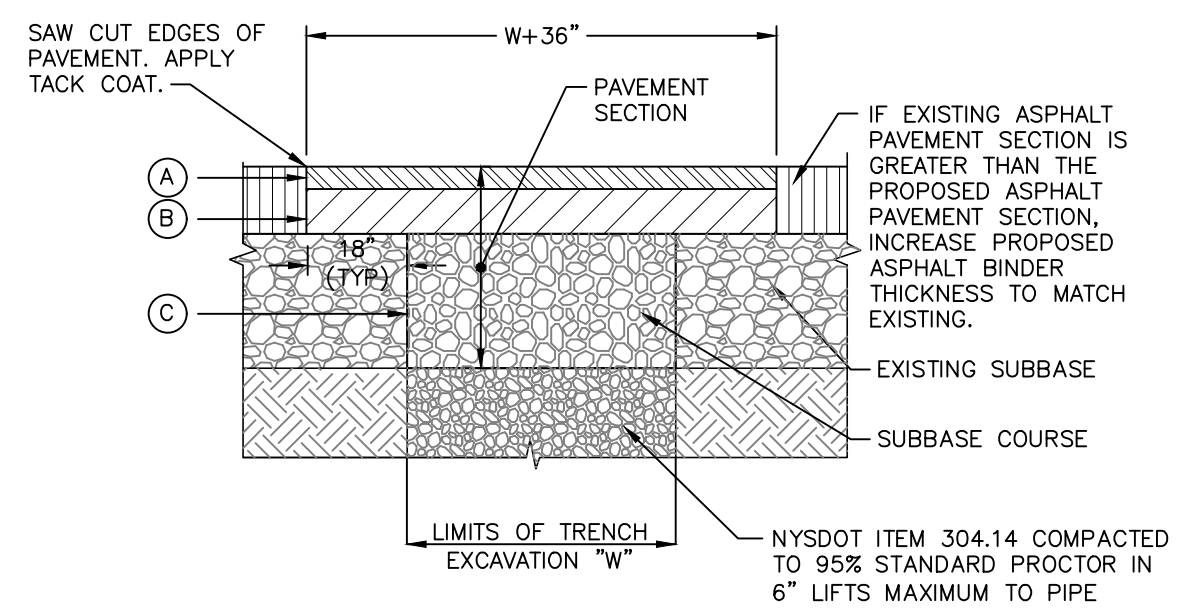


**NOTES:**  
 1. MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED JANUARY 2, 2002.  
 2. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSES OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN CONFORMANCE WITH SECTION 203-EXCAVATION AND EMBANKMENT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.

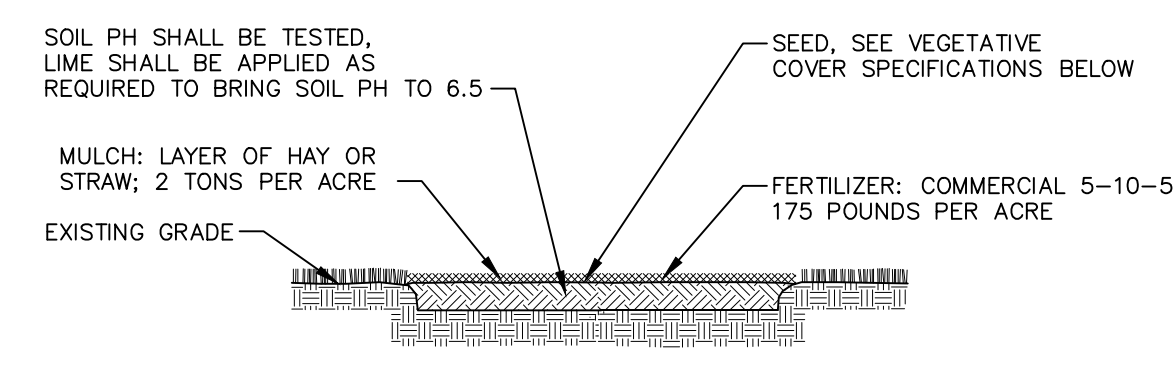
**GRAVEL PARKING AREA SECTION DETAIL**  
NOT TO SCALE



**LEGEND**  
 (A) 1-1/2" ASPHALT CONCRETE TOP COURSE- NYSDOT TYPE 6F  
 (B) 3" ASPHALT CONCRETE BINDER COURSE- NYSDOT TYPE 3  
 (C) 10" GRANULAR SUBBASE COURSE- NYSDOT ITEM 304.14

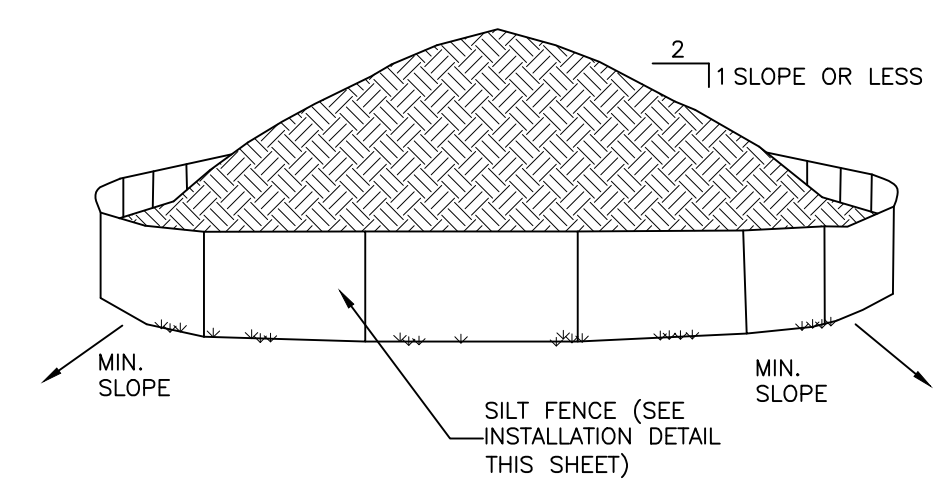
**NOTES:**  
 1. SAW CUT MIN. 18" BEYOND EXCAVATION WITH SMOOTH EDGES. 18" JOINT BETWEEN EXISTING AND NEW TOP COURSE TO BE MILLED. JOINT TO BE SEALED WITH POLYMER MODIFIED SEALER.  
 2. FURNISH, PLACE, AND COMPACT SUBBASE.  
 3. TACK COAT IN ACCORDANCE WITH NYSDOT STANDARD SPEC.  
 4. FURNISH AND PLACE ASPHALT CONCRETE PAVEMENT AS SPECIFIED.

**STREET PAVEMENT RESTORATION DETAIL**  
NOT TO SCALE



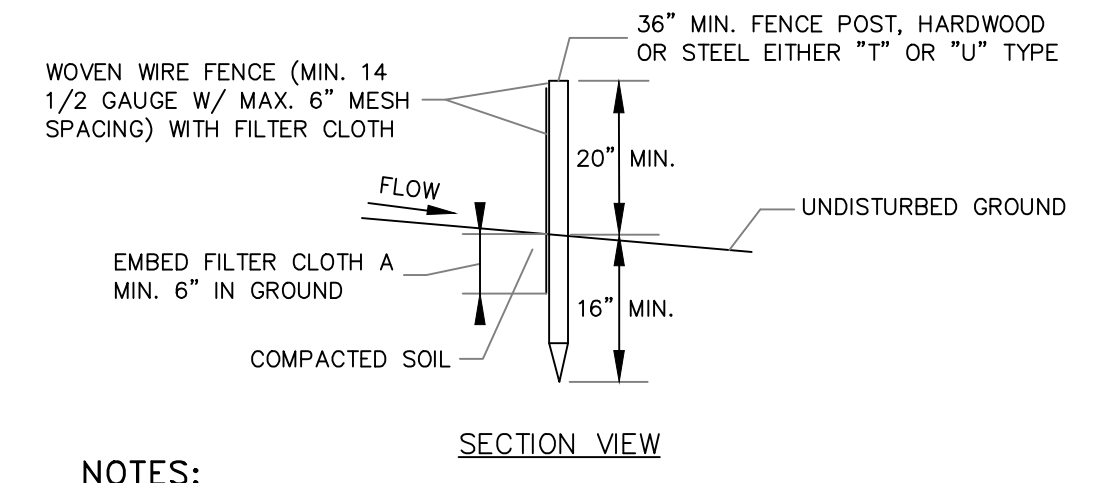
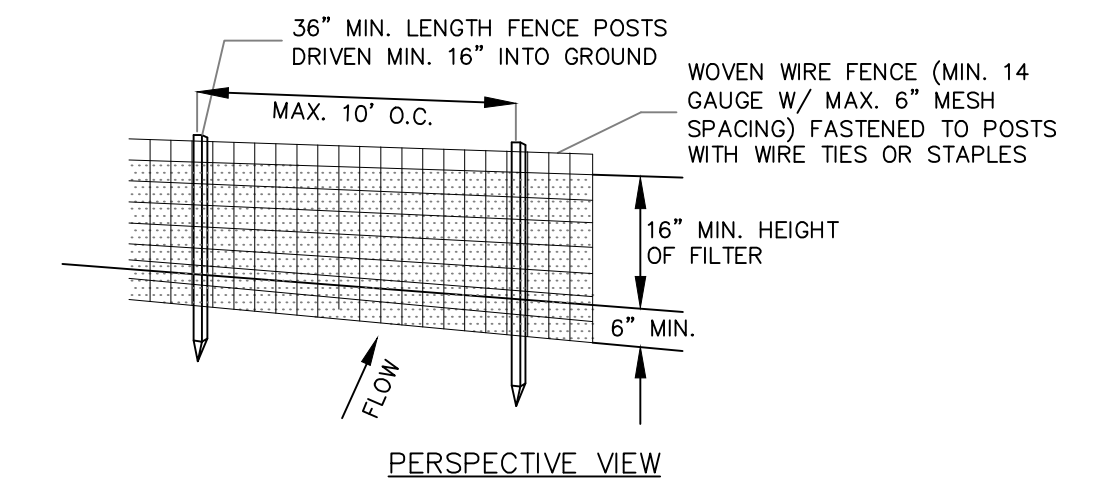
**NOTES:**  
 1. TOPSOIL, SEED, MULCH, AND FERTILIZER DISTURBED SOIL AREAS THAT WILL BE LEFT EXPOSED FOR 14 DAYS OR MORE.  
 2. SEED MIXTURE FOR USE ON LAWNS IN SUNNY AREAS:  
 65% KENTUCKY BLUE GRASS BLEND 114 POUNDS PER ACRE  
 20% PERENNIAL RYEGRASS 35 POUNDS PER ACRE  
 15% FINE FESCUE 26 POUNDS PER ACRE  
 175 POUNDS PER ACRE  
 3. SEED MIXTURE FOR USE IN SHADY AREAS:  
 80% BLEND OF SHADE TOLERANT KENTUCKY BLUEGRASS 138 POUNDS PER ACRE  
 20% FINE FESCUE 37 POUNDS PER ACRE  
 175 POUNDS PER ACRE  
 4. SEED BETWEEN APRIL 1ST AND MAY 15TH OR AUGUST 15TH AND OCTOBER 15TH. SEEDING MAY OCCUR BETWEEN MAY 15TH AND AUGUST 15TH IF ADEQUATE IRRIGATION IS PROVIDED.  
 5. TOPSOIL SHALL HAVE AT LEAST 6% BY WEIGHT OF FINE TEXTURED STABLE ORGANIC MATERIAL, AND NO GREATER THAN 20%. TOPSOIL SHALL HAVE NOT LESS THAN 20% FINE TEXTURED MATERIAL (PASSING THE NO. 200 SIEVE) AND NOT MORE THAN 15% CLAY.

**TOPSOIL, SEED AND MULCH DETAIL**  
NOT TO SCALE



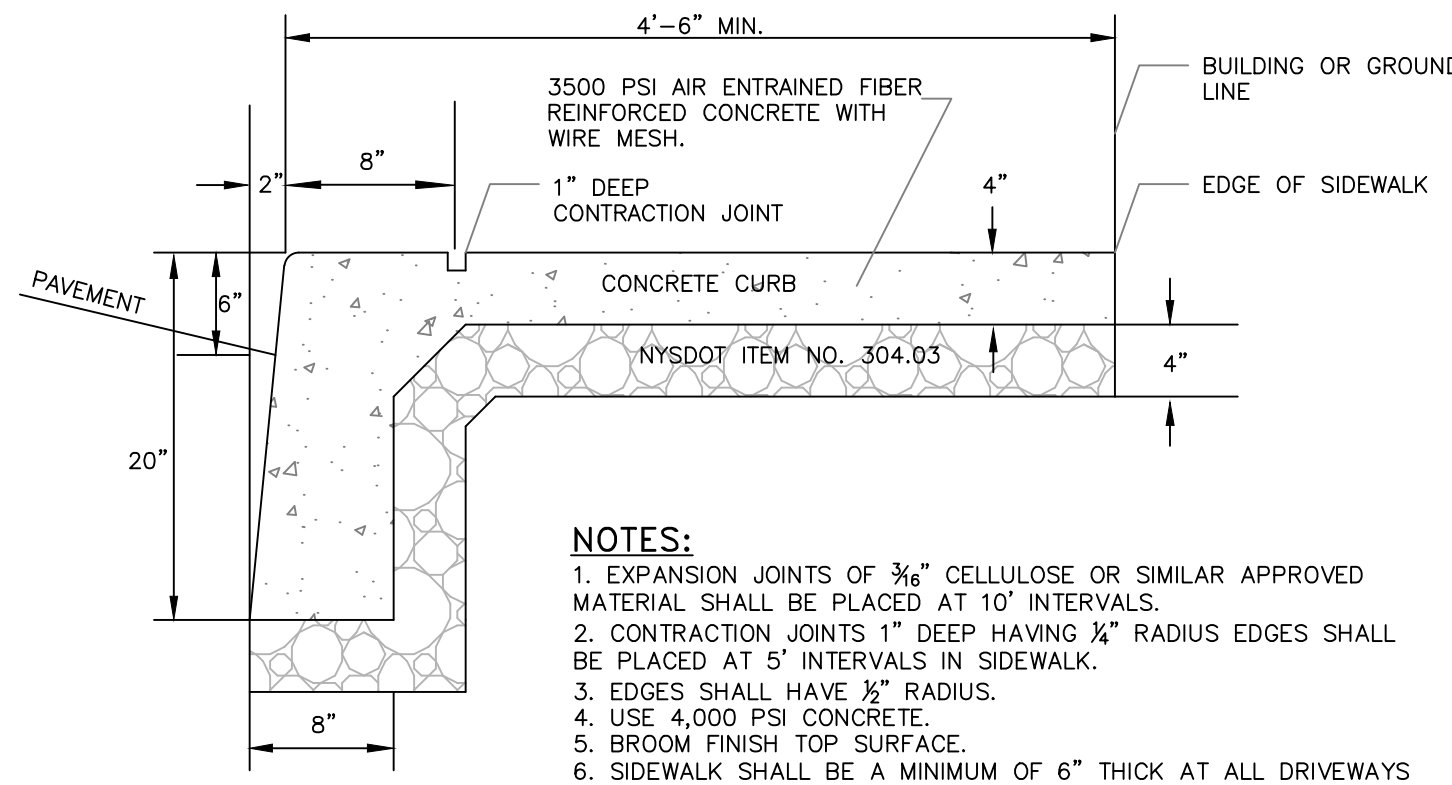
**NOTES:**  
 1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.  
 2. EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.

**TEMPORARY SOIL STOCKPILE DETAIL**  
NOT TO SCALE



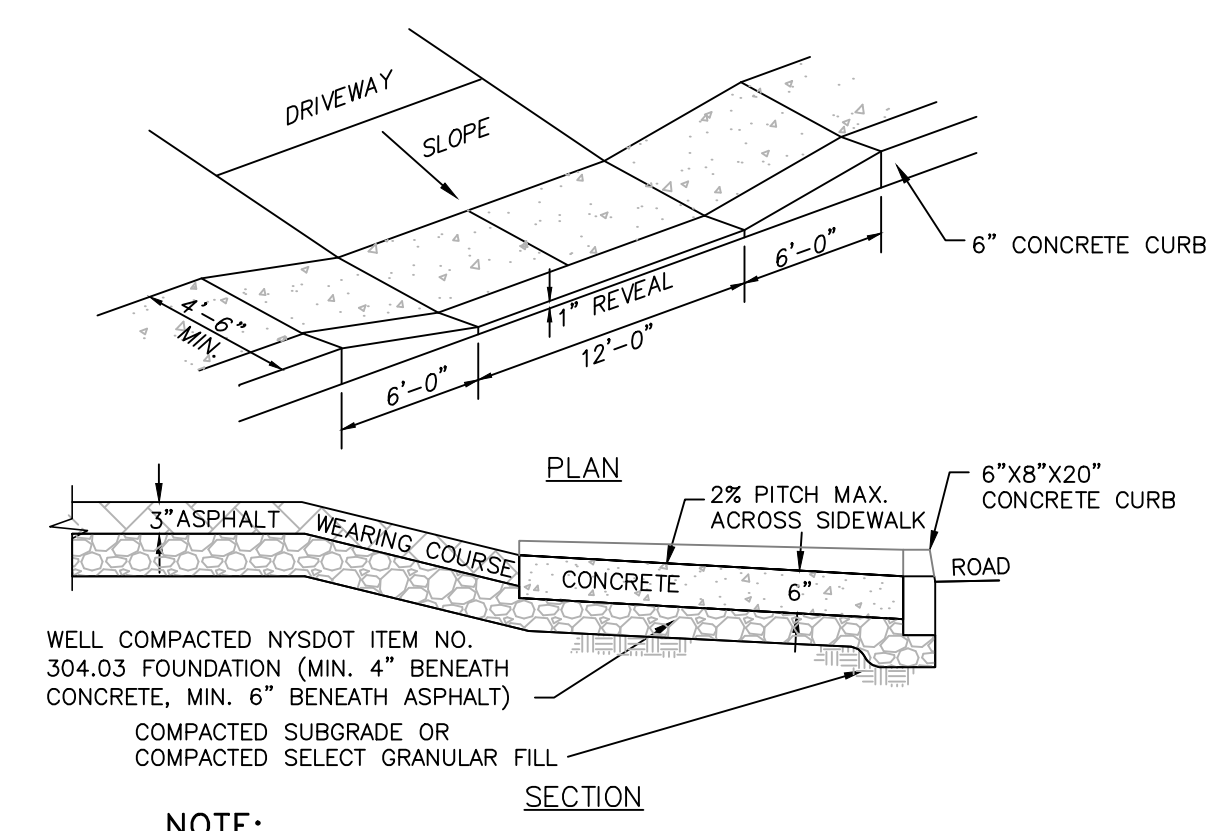
**NOTES:**  
 1. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.  
 2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.  
 3. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE OR APPROVED EQUAL.  
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

**SILT FENCE DETAIL**  
NOT TO SCALE



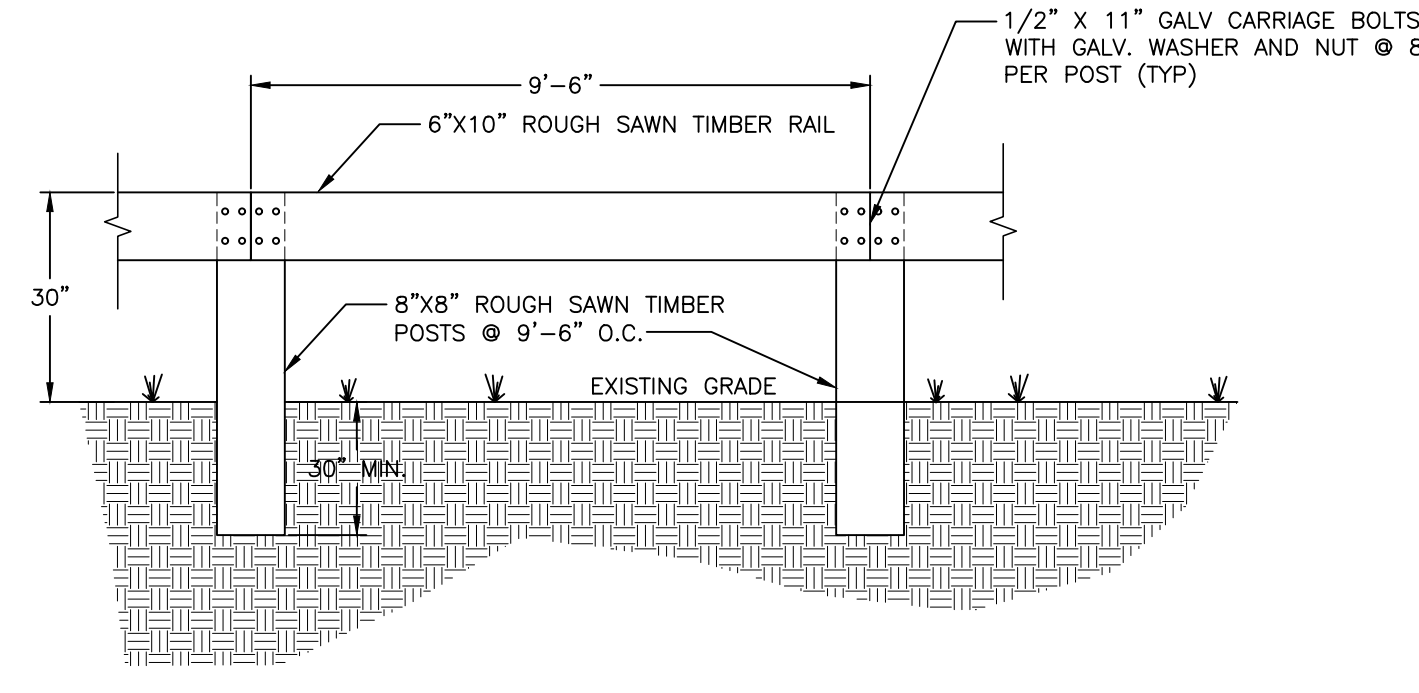
**NOTES:**  
 1. EXPANSION JOINTS OF 3/8" CELLULOSE OR SIMILAR APPROVED MATERIAL SHALL BE PLACED AT 10' INTERVALS.  
 2. CONTRACTION JOINTS 1" DEEP HAVING 3/4" RADIUS EDGES SHALL BE PLACED AT 5' INTERVALS IN SIDEWALK.  
 3. EDGES SHALL HAVE 1/2" RADIUS.  
 4. USE 4,000 PSI CONCRETE.  
 5. BROOM FINISH TOP SURFACE.  
 6. SIDEWALK SHALL BE A MINIMUM OF 6" THICK AT ALL DRIVEWAYS AND HANDICAP RAMPS.  
 7. MAXIMUM SLOPE OF 1 ON 12 TO BE USED WHERE SIDEWALK TERMINATES AT HANDICAP RAMPS.

**MONOLITHIC CURB AND SIDEWALK DETAIL**  
NOT TO SCALE

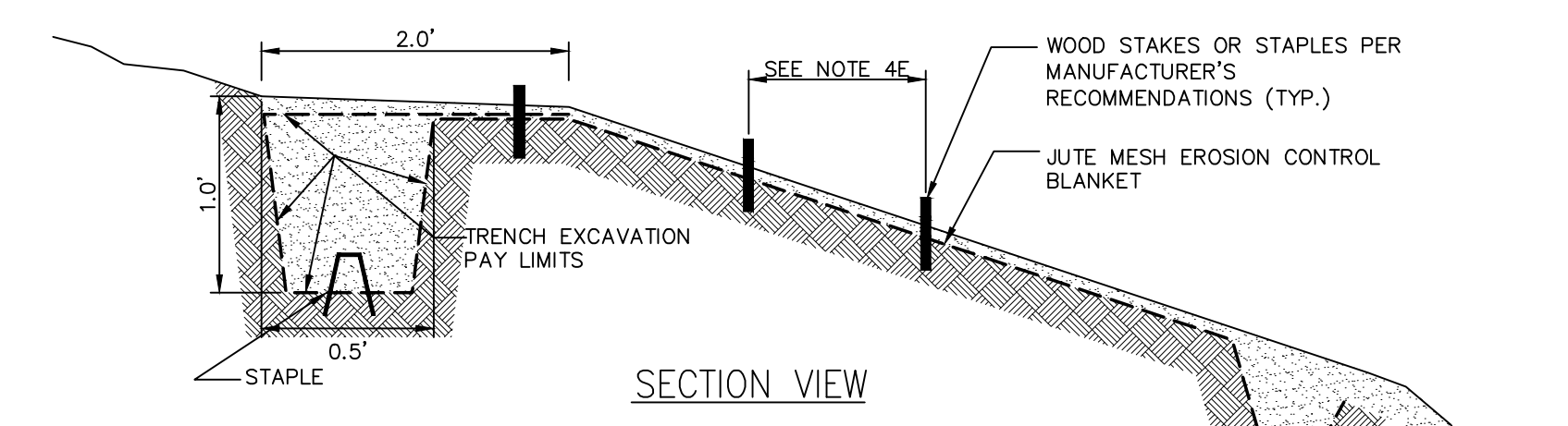


**NOTE:**  
 1. PRE-MOLDED EXPANSION JOINTS TO BE USED AT ALL JOINTS.  
 2. DRIVEWAY SHALL BE PAVED AFTER THE CONCRETE APRON TO THE RIGHT-OF-WAY LINE (MINIMUM).  
 3. SIDEWALK WIDTH SHALL MATCH EXISTING SIDEWALK, BUT NO LESS THAN 4'-6".

**DRIVEWAY ENTRANCE DETAIL**  
NOT TO SCALE



**TIMBER GUIDERAIL DETAIL**  
NOT TO SCALE



**NOTES:**  
 1. THE SITE SHALL BE PREPARED PER THE MANUFACTURER'S RECOMMENDATIONS. THIS INCLUDES GRADING AND COMPACTING THE AREA OF INSTALLATION, REMOVING ALL ROCKS, VEGETATION, ETC.  
 2. LOOSEN THE TOP 2-3 INCHES MINIMUM OF SOIL.  
 3. MAT SHALL BE CONFIGURED SUCH THAT IT IS PERPENDICULAR TO THE FLOW OF THE STREAM. OVERLAP COURSES BY A MINIMUM OF 18" WITH THE UPSTREAM MAT ON TOP OF THE DOWNSTREAM MAT.  
 4. INSTALL THE MAT.  
 5. EXCAVATE A 12"x6" MINIMUM LONGITUDINAL ANCHOR TRENCH 2-3 FEET OVER CREST OF SLOPE.  
 6. INSTALL TOP END OF MAT INTO TRENCH AND SECURE TO BOTTOM USING MANUFACTURER'S SUGGESTED ANCHORING DEVICE AND DEPTH SPACED EVERY 12" MINIMUM. BACKFILL AND COMPACT SOIL INTO TRENCH.  
 7. UNROLL MAT DOWN SLOPE.  
 8. OVERLAPS SHALL BE 18" MINIMUM AND ANCHORED EVERY 18" MINIMUM ALONG THE OVERLAP. SECURE USING WOOD STAKES AS SPECIFIED ON THIS PLAN.  
 9. UNROLL MAT IN A MANNER TO MAINTAIN DIRECT CONTACT WITH SOIL. SECURE MAT TO GROUND SURFACE USING WOOD STAKE ANCHORING DEVICES. ANCHORS SHALL BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION AND LANDSCAPE DESIGNER.  
 10. EXCAVATE A 12"x6" KEY ANCHOR TRENCH AT 1.5 YR ELEVATION.  
 11. PLACE BOTTOM END OF MAT INTO KEY ANCHOR TRENCH AT 1.5 YR. ELEVATION AND SECURE TO BOTTOM OF TRENCH USING WOOD STAKE GROUND ANCHORING DEVICES SPACED EVERY 12" MINIMUM. BACKFILL AND COMPACT SOIL INTO TRENCH. ADDITIONAL ANCHORING IN AREAS WHERE STANDING AND/OR FLOWING WATER EXISTS THE TOE OF THE SLOPE MAY BE REQUIRED. CONTACT THE MANUFACTURER IN THESE CASES.  
 12. JUTE MESH SHALL BE OF A UNIFORM OPEN PLAIN WEAVE OF UNDYED AND UNBLEACHED SINGLE JUTE YARN. JUTE MESH SHALL BE WOVEN AS FOLLOWS:  
 APPROXIMATELY 78 WARP ENDS PER YARD WIDTH.  
 APPROXIMATELY 41 WEFT ENDS PER LINEAR YARD.  
 MASS OF JUTE MESH SHALL AVERAGE 1 POUND PER SQUARE YARD (PLUS OR MINUS 5%).

**ROLLED EROSION CONTROL MAT DETAIL**  
NOT TO SCALE

DRAWN BY: CMB				CHECKED BY: MAB			
REVISIONS:				REVISIONS:			
NO.	DATE	DESCRIPTION	BY	NO.	DATE	DESCRIPTION	BY
1	04/28/2020	PER PLANNING BOARD COMMENTS	MAB				



**HUDSON LAND DESIGN**  
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 13 CHAMBERS ST., NEWBURGH, NEW YORK 12550  
 PH: 845-440-6926  
 F: 845-440-6637

**CONSTRUCTION DETAILS**  
**3 WATER STREET SITE PLAN**  
 3 WATER STREET  
 CITY OF BEACON  
 DUTCHESS COUNTY, NEW YORK  
 TAX ID: 6054-38-170722

JOB #: 2020-013  
 DATE: 3/31/2020  
 SCALE: AS SHOWN  
 TITLE: CD-1  
 SHEET: 5 OF 6