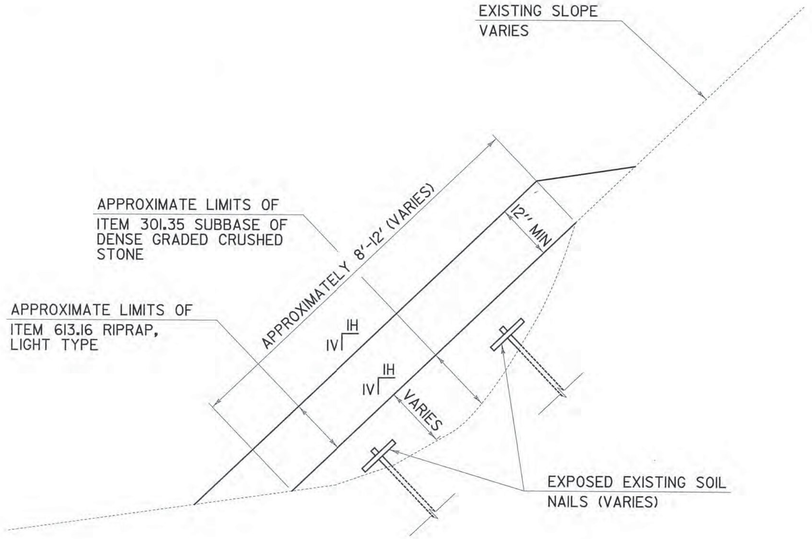


SOIL NAIL SLOPE EROSION REPAIR DETAIL

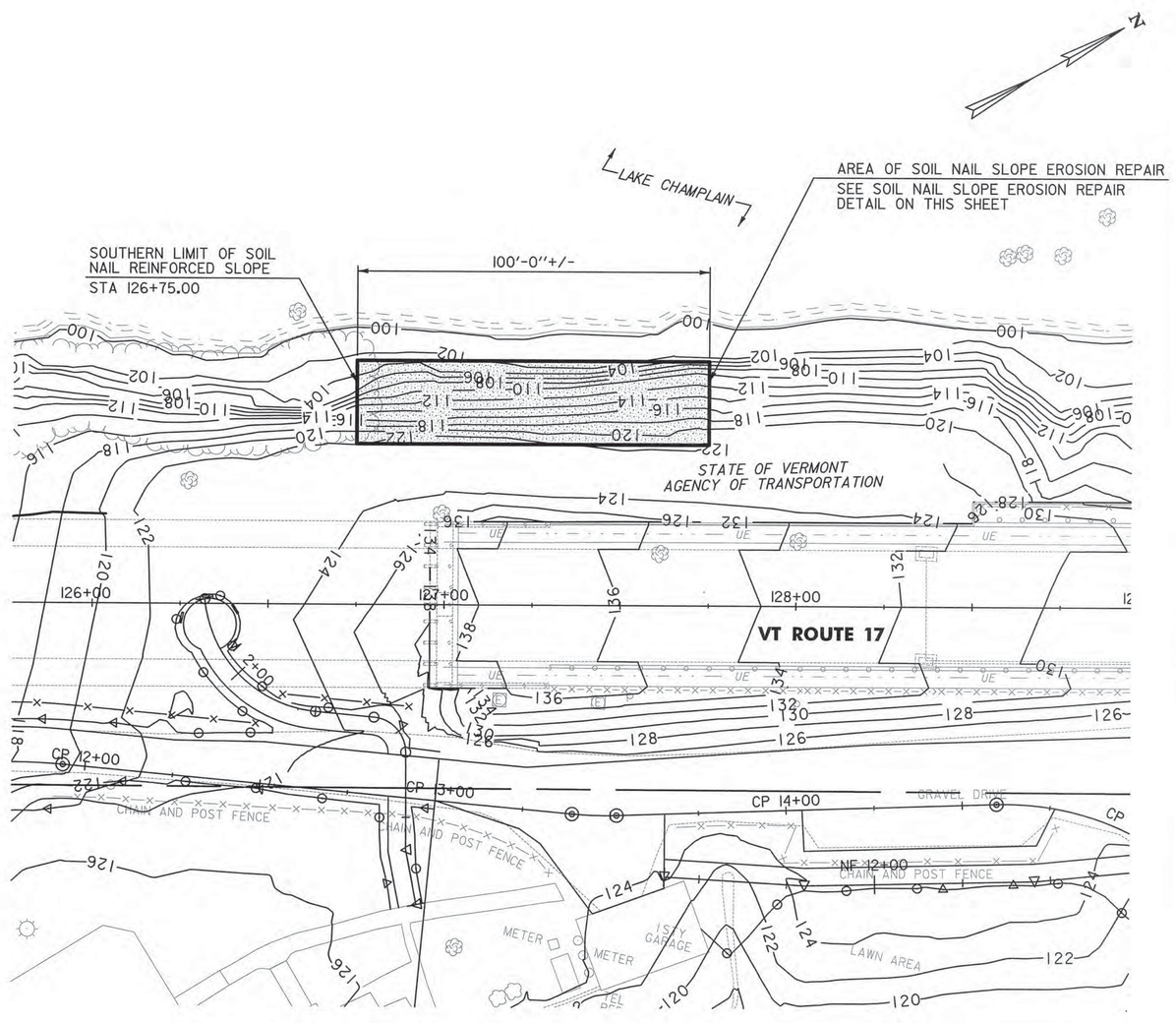
N.T.S.

ESTIMATED CONSTRUCTION QUANTITIES

ITEM NUMBER	DESCRIPTION	QUANTITY	UNITS
301.35	SUBBASE OF DENSE GRADED CRUSHED STONE	75	CY
613.16	RIPRAP, LIGHT TYPE	50	CY

NOTES:

1. SUBBASE OF DENSE GRADED CRUSHED STONE (ITEM 301.35) SHALL CONFORM TO SECTION 704.06 OF THE VTRANS 2011 STANDARD SPECIFICATIONS FOR CONSTRUCTION BOOK AND SHALL MEET THE GRADATION REQUIREMENTS OF TABLE 704.06A - DENSE GRADED CRUSHED STONE FOR SUBBASE.
2. RIPRAP, LIGHT TYPE (ITEM 613.16) SHALL CONFORM TO SECTION 706.03(B) OF THE VTRANS 2011 STANDARD SPECIFICATIONS FOR CONSTRUCTION BOOK.
3. THE AREAS TO BE PROTECTED SHALL BE CONSTRUCTED AS SHOWN ON THIS PLAN FROM THE SOUTHERN LIMIT OF THE EXISTING SOIL NAIL REINFORCEMENT AND SHALL EXTEND APPROXIMATELY 100 FEET TO THE NORTH OR AS DIRECTED BY THE ENGINEER.
4. THE SPECIFIED SUBBASE OF DENSE GRADED CRUSHED STONE SHALL BE PLACED IN ONE COURSE TO THE THICKNESS AS SHOWN ON THE PLAN, OR AS DIRECTED BY THE ENGINEER, IN A MANNER THAT WILL RESULT IN A REASONABLY WELL GRADED SURFACE. CARE SHOULD BE TAKEN IN PLACING TO AVOID THE UNDERLYING MATERIAL.
5. REARRANGEMENT OF THE STONE FILL BY HAND LABOR OR MECHANICAL EQUIPMENT MAY BE REQUIRED TO FILL IN ALL VOIDS AND OBTAIN AN EVENLY DISTRIBUTED WELL GRADED FILTER BLANKET LAYER.
6. RIPRAP, LIGHT TYPE (ITEM 631.16) SHALL BE PLACED ON THE PREPARED SLOPE OR FILTER BLANKET LAYER SO THERE WILL BE A MINIMUM OF SPACE BETWEEN STONES. THE VOIDS BETWEEN THE STONES SHALL BE CHINKED WITH SMALLER STONES TO PRODUCE A RELATIVELY SMOOTH AND UNIFORM SURFACE.
7. ALL STONE FILL SHALL BE PLACED FROM THE BOTTOM OR TOE OF SLOPE UPWARD.



SOIL NAIL SLOPE EROSION REPAIR

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SCALE IN FEET

SLOPE REPAIR DETAIL SHEET #1	PROJECT NAME: LAKE CHAMPLAIN SITE RESTORATION PROJECT NUMBER: STP 032-1(18)	
	FILE NAME: z12E008_srd_01.dgn PROJECT LEADER: D.E.G. DESIGNED BY: B.M. DWG. NO.: SLD-1	PLOT DATE: 7/18/2012 DRAWN BY: W.G.P. CHECKED BY: M.R. SHEET 91 OF 100

FILE NAME = U:\z0338\CADD\MSTN\z12E008_srd_01.dgn
DATE/TIME = 7/18/2012
USER = 4885