PROJECT REFERENCE NO.	SHEET NO.
B-5947	2A-1

ROADWAY DESIGN ENGINEER — SEAL 022999, GREG S. PURVIS, 5/10/2022

PAVEMENT DESIGN ENGINEER — SEAL 22896, CLARK S. MORRISON, 5/11/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

WETHERILL ENGINEERING
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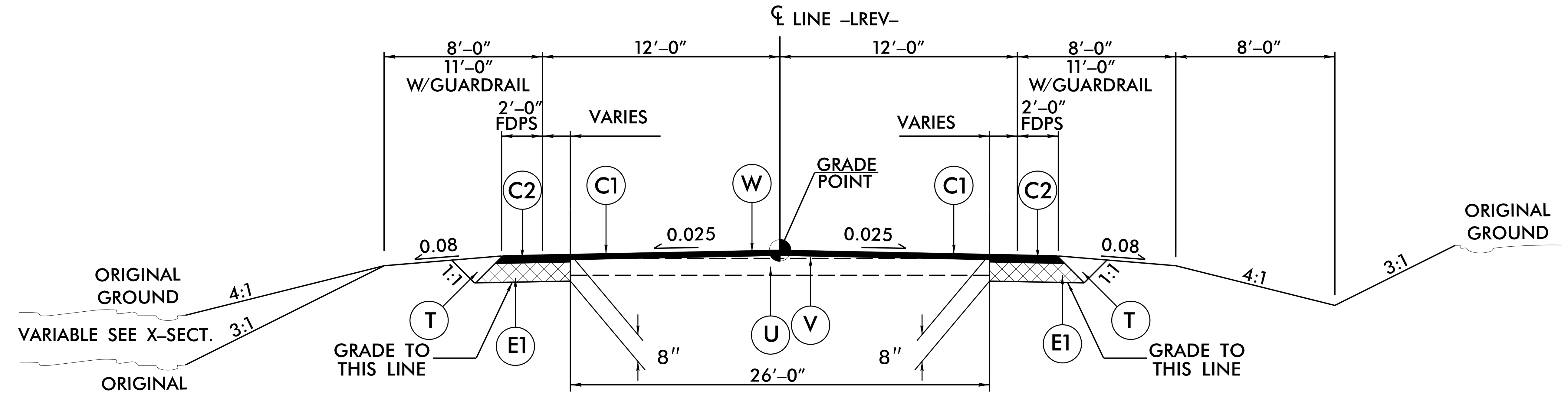
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PAVEMENT SCHEDULE

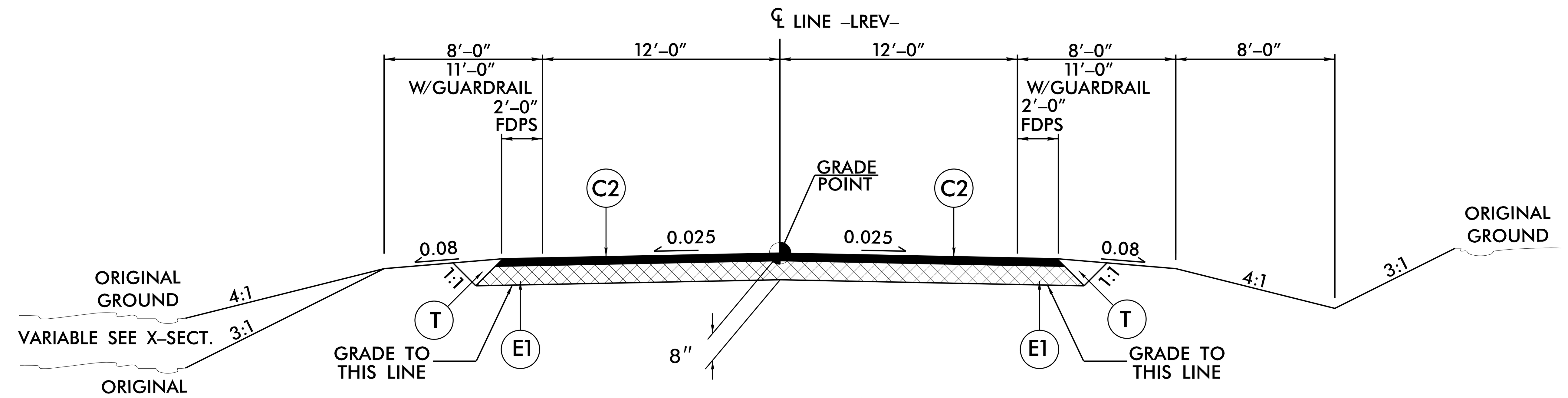
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C3	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 1" IN DEPTH OR GREATER THAN 1.5" IN DEPTH.
E1	PROP. APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 3" IN DEPTH OR GREATER THAN 5.5" IN DEPTH.
J1	PROP. APPROX. 8" AGGREGATE BASE COURSE
R1	SHOULDER BERM GUTTER
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	MILLING BITUMINOUS PAVEMENT. (SEE MILLING DETAIL)
W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAIL)

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



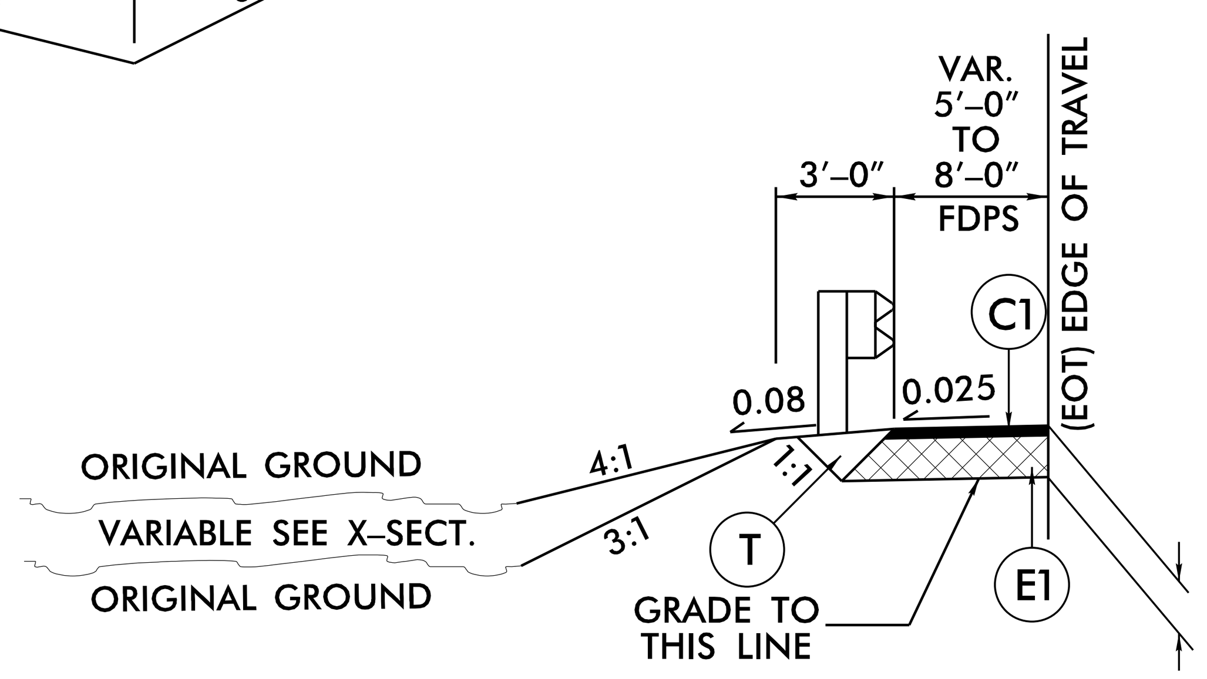
TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1 AS FOLLOWS:
-LREV- STA. 11+23.00 TO -LREV- STA. 17+36.46
-LREV- STA. 32+16.03 TO -LREV- STA. 36+94.94



TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2 AS FOLLOWS:
-LREV- STA. 17+36.46 TO -LREV- STA. 22+25.50 (BEGIN BRIDGE)
-LREV- STA. 25+55.50 (END BRIDGE) TO -LREV- STA. 32+16.03



SHOULDER DETAIL

USE SHOULDER DETAIL IN CONJUNCTION WITH TYPICAL SECTIONS NO. 2:
-LREV- STA. 17+44.25 TO -LREV- STA. 22+25.50 LT.
-LREV- STA. 19+19.25 TO -LREV- STA. 22+25.50 RT.
-LREV- STA. 25+55.50 TO -LREV- STA. 30+74.25 LT.
-LREV- STA. 25+55.50 TO -LREV- STA. 26+99.25 RT.

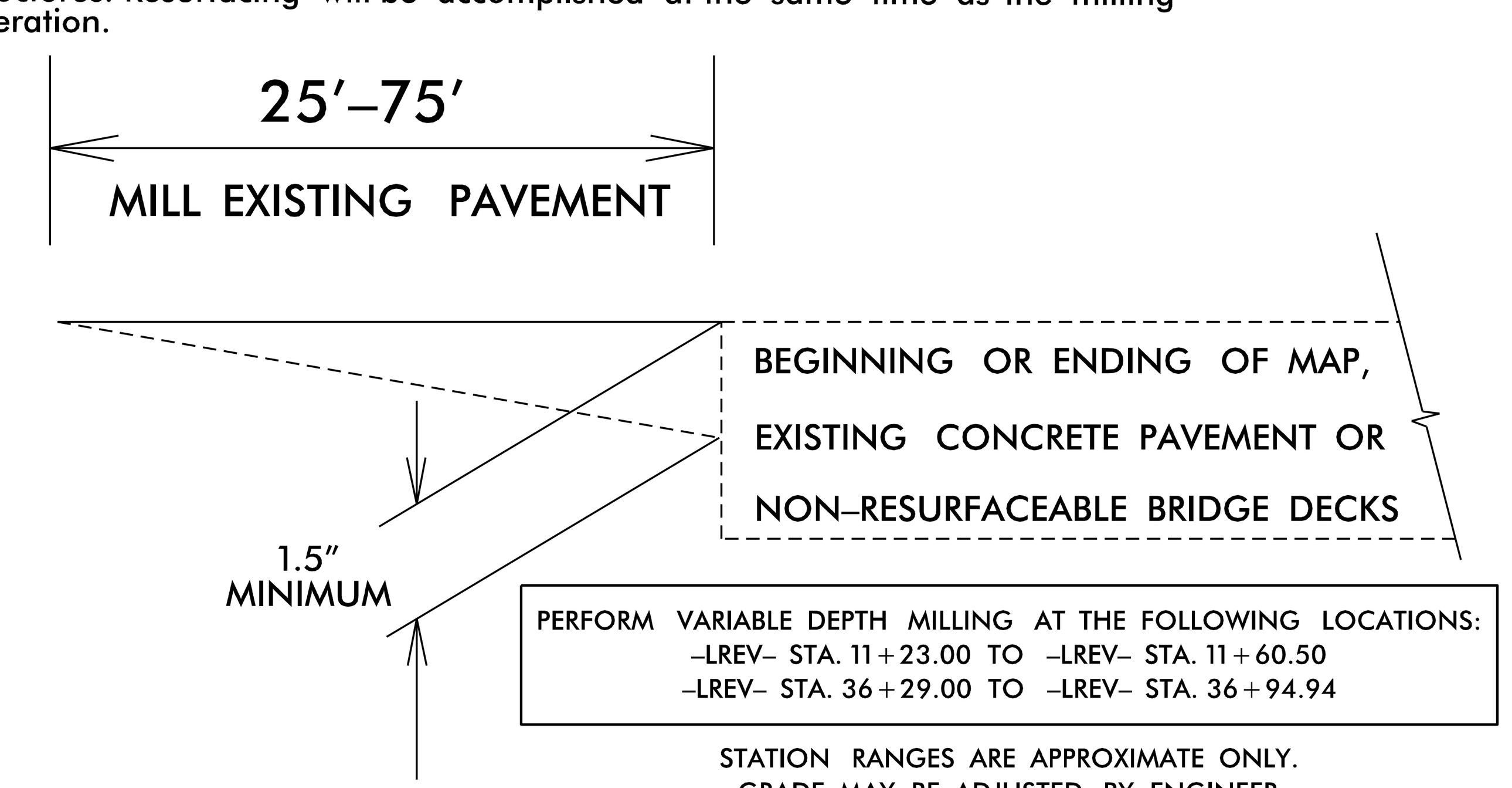
INCIDENTAL MILLING AT PAVEMENT TIE-INS

NOTES TO CONTRACTOR

For surface mixes over 1" in thickness, mill the existing pavement in accordance with the following sketch as directed by the Engineer.

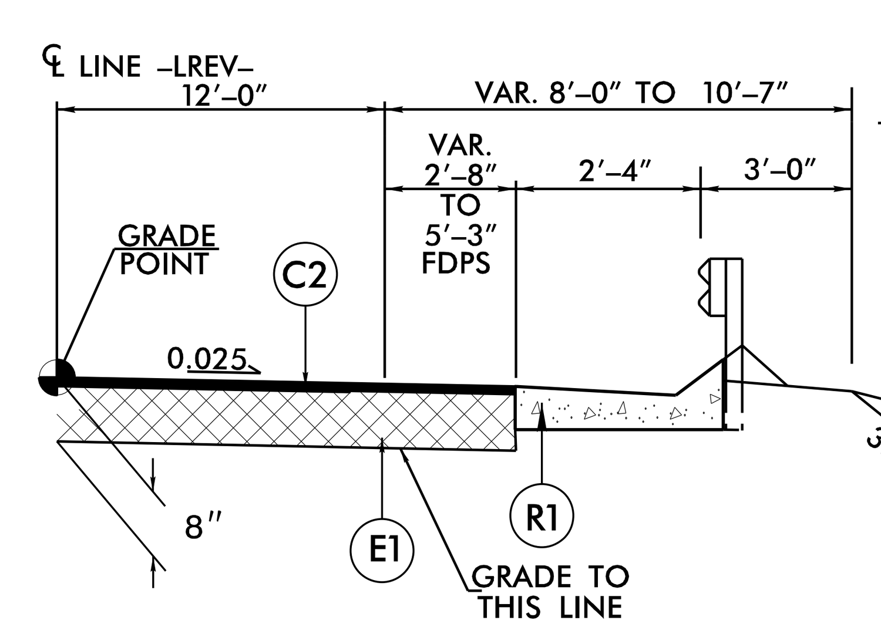
Locations shall include ties into existing concrete pavement, at bridge approaches where the bridge will not be resurfaced, and at the beginning and ending point of each resurfacing map.

Perform the work in accordance with Section 607 of the January 2018 North Carolina Department of Transportation Standard Specifications for Roads and Structures. Resurfacing will be accomplished at the same time as the milling operation.



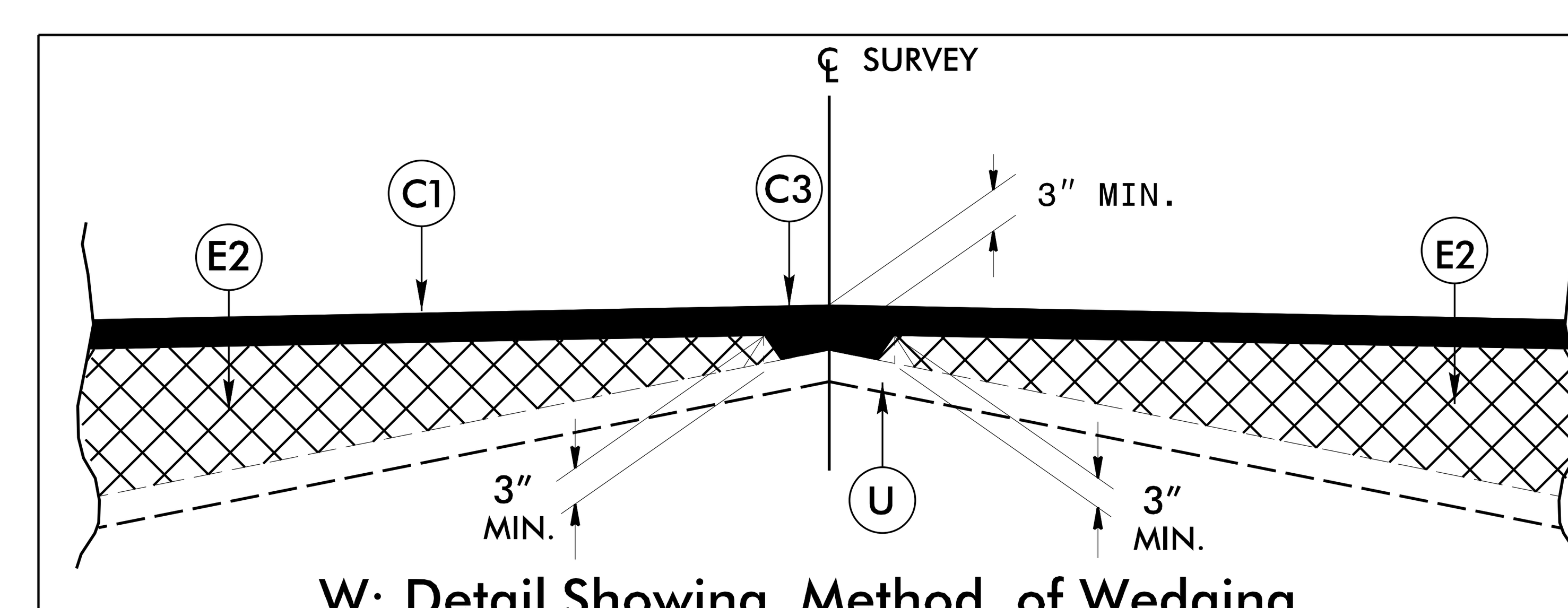
PERFORM VARIABLE DEPTH MILLING AT THE FOLLOWING LOCATIONS:
-LREV- STA. 11+23.00 TO -LREV- STA. 11+60.50
-LREV- STA. 36+29.00 TO -LREV- STA. 36+94.94

STATION RANGES ARE APPROXIMATE ONLY.
GRADE MAY BE ADJUSTED BY ENGINEER
TO ENSURE A PROPER TIE-IN



SHOULDER BERM GUTTER DETAIL

USE SHOULDER BERM GUTTER DETAIL IN CONJUNCTION WITH TYPICAL SECTION NO. 2:
-LREV- STA. 20+00.00
TO -LREV- STA. 22+01.33 RT.
-LREV- STA. 25+79.67
TO -LREV- STA. 25+95.00 LT. & RT.



W: Detail Showing Method of Wedging