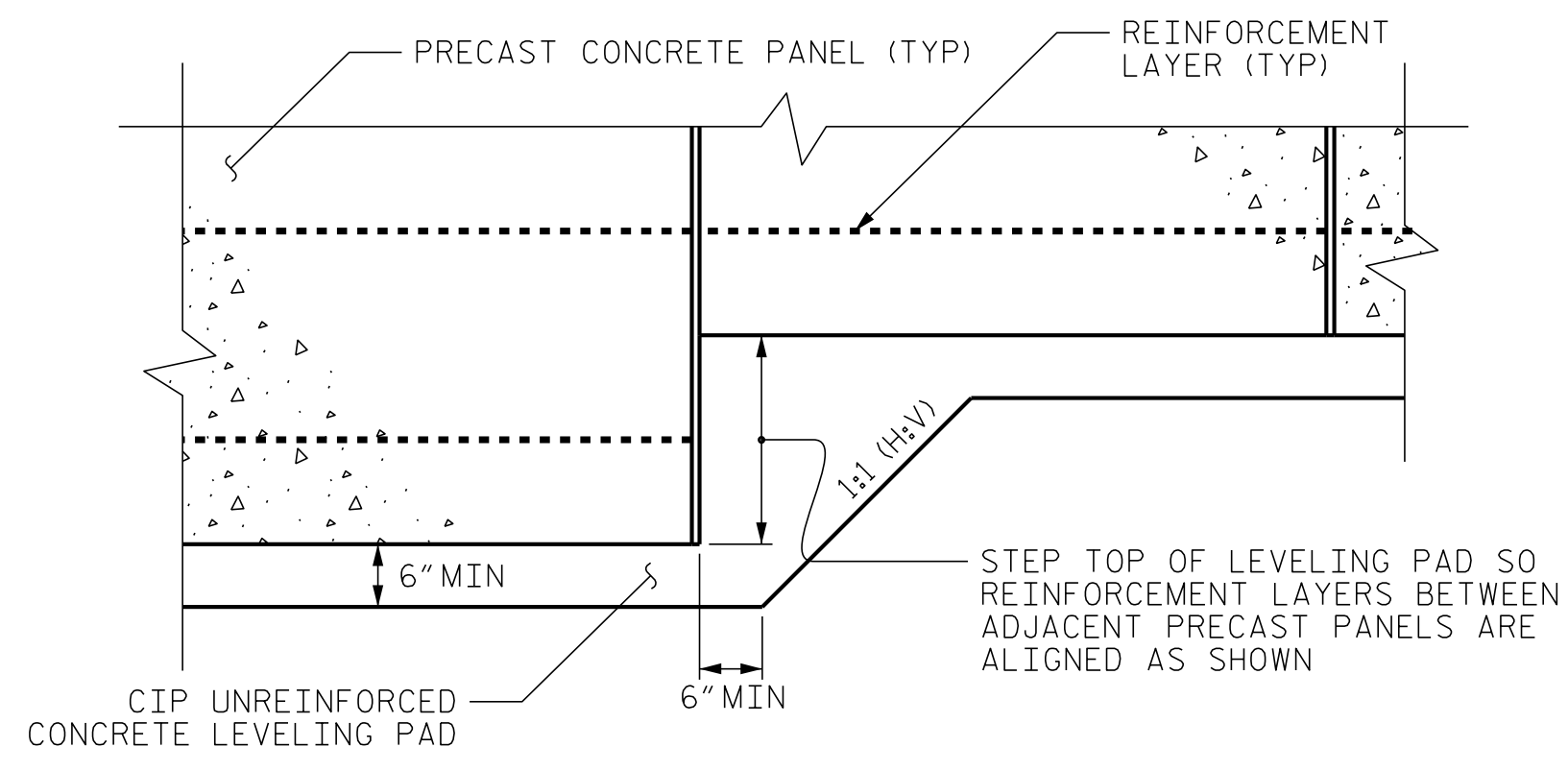
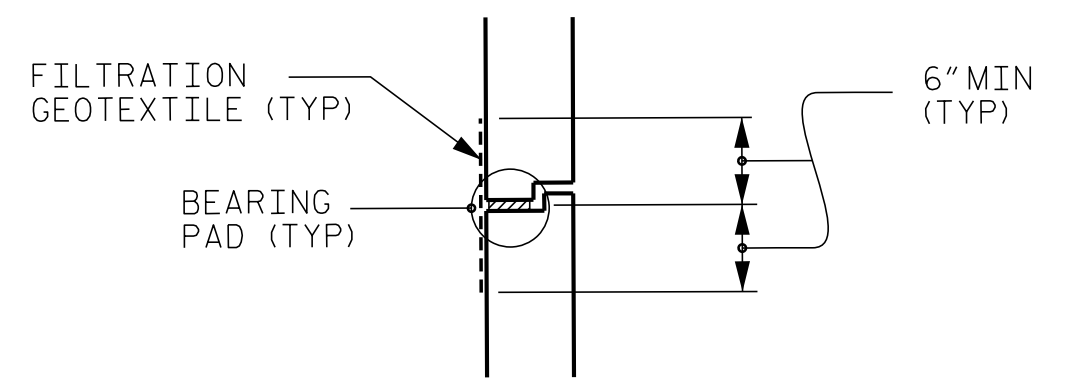


FRONT SLOPE WALL EMBEDMENT		
SLOPE IN FRONT OF STRUCTURES		MINIMUM EMBEDMENT DEPTH
HORIZONTAL	FOR WALLS	H/20
	FOR ABUTMENTS	H/10
3.0H:1.0V	WALLS	H/10
2.5H:1.0V	WALLS	H/8.5
2.0H:1.0V	WALLS	H/7
1.5H:1.0V	WALLS	H/5
1.25H:1.0V	WALLS	H/4
1.0H:1.0V	WALLS	H/3

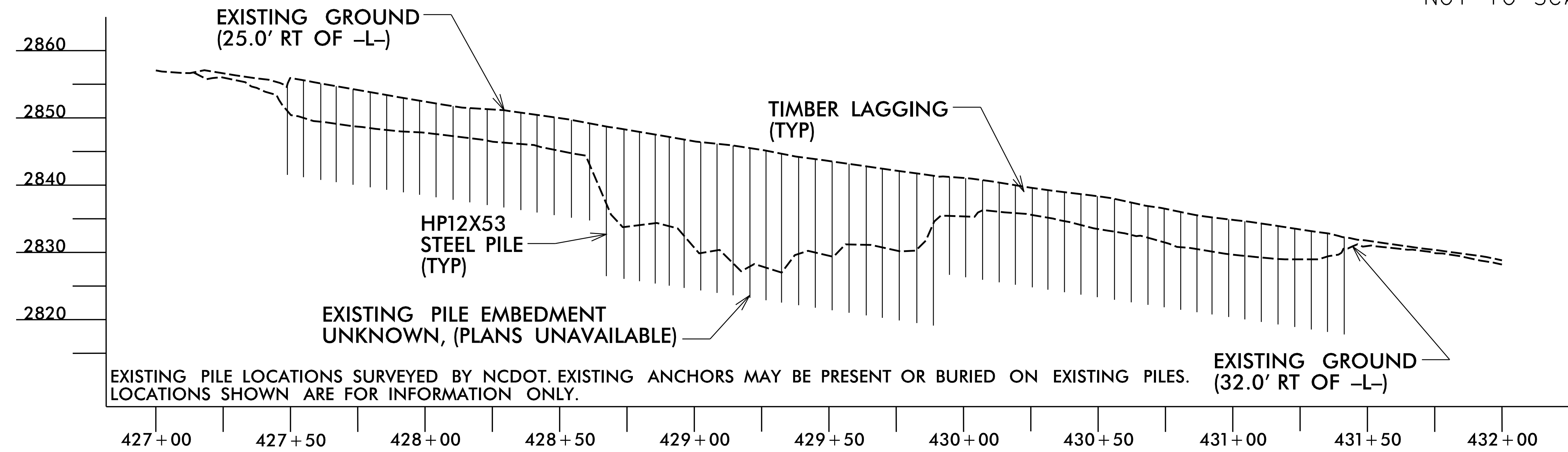
NOTE:
 1) MAINTAIN A MINIMUM BENCH WIDTH OF 10.0 FT IN FRONT OF THE WALL FOR ITS ENTIRE LENGTH.
 2) MINIMUM EMBEDMENT DEPTH OF 2 FT, UNLESS LARGER DEPTHS DICTATED BY ABOVE TABLE.
 3) MAXIMUM SLOPE OF 1H:1V WILL BE MAINTAINED ON FRONT SLOPES FOR THE ENTIRE LENGTH OF THE WALL.
 4) SUBMIT WITH THE WALL DESIGN INTERNAL, EXTERNAL, AND GLOBAL STABILITY ANALYSES.
 REFERENCE SPECIAL PROVISION GT-12 FOR SMSE WALL.



PRECAST PANELS
 LEVELING PAD STEP DETAIL
 NOT TO SCALE



PRECAST PANEL
 JOINT DETAILS
 NOT TO SCALE



EXISTING WALL PROFILE - #27
 NOT TO SCALE
 (LOOKING AT WALL FACE)

GEOTECHNICAL ENGINEER D. Matthew Brewer 08/01/2022 SIGNATURE DATE	ENGINEER _____ SIGNATURE DATE
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PROJECT NO.: A-0009CC
 GRAHAM COUNTY
 STATION: -L- 427+36, 28' RT TO 431+45, 31' RT
 SHEET 2 OF 8

Prepared in the Office of:

**CAROLINAS
 GEOTECHNICAL
 GROUP**
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 CHARLOTTE, NC 28227
 (980) 339-8684

REVISIONS						SHEET NO. W27-2
NO.	BY	DATE	NO.	BY	DATE	
1			3			
2			4			

PREPARED BY: M. BREWER	DATE: 7/10/2022
REVIEWED BY: R. KRAL	DATE: 7/10/2022