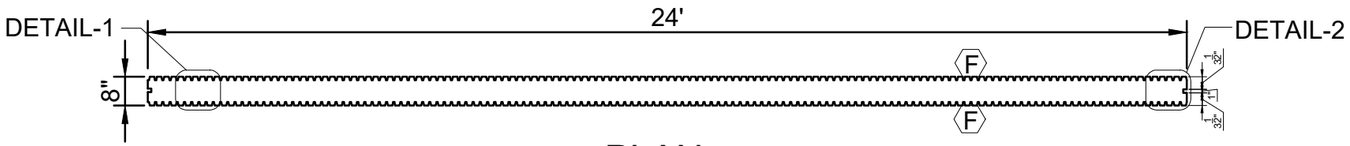
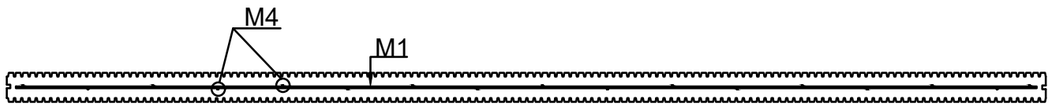


PLAN
Scale:1"- 3'-6"



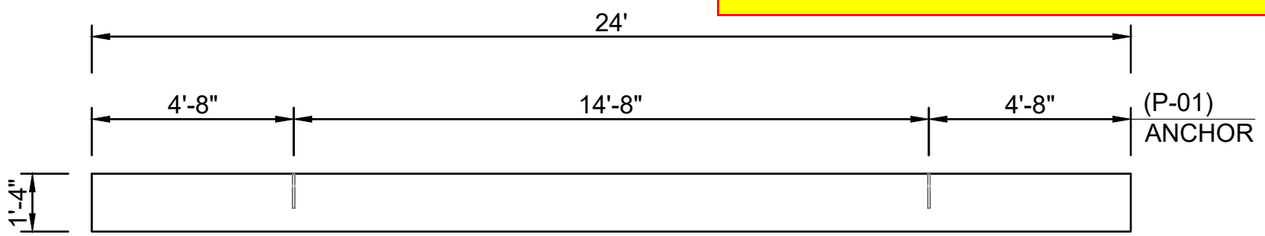
PLAN
REINFORCEMENT
Scale:1"- 3'-6"

CONCRETE PANEL WALL:
NOTES:
1. CONCRETE CLASS A(AE) F'c=4500 psi. SEE SECT.604.03
2. REINF ASTM A615, GRADE 60
3. STR STEEL ASTM A 36, GALV.
4. THR ROADS ASTM A307, GALV.
5. S=POST SPACING,FT.
   MAX 25'-6"
6. H=WALL HEIGHT,FT
7. D= PILE DIAM, FT
   L= PILE LENGTH,FT
8. SEE SCHEDULE FOR PARTICULAR WALL FOR S,H,L,& D.
9. PROVIDE $\frac{3}{8}$" GROUT PER TDOT SPEC.918.21 AT HORIZONTAL JOINTS BETWEEN PANELS PI. COLOR GROUT TO MATCH WALL PANELS.
10. PLUM B POSTS TO 4' IN 12'
    PLUM B WALLS TO 4' IN 12'
11. CJ= CONTROL JOINT PROVIDE (DETAIL AND SUPPLIERS)
    PREFORMED RUBBER JOINT (DETAIL AND SUPPLIERS)
    FILLER PER ASTM D 1152

VERIFY NOTES

APPROVED AS NOTED
11-13-25
ENGR. DIRECTOR, STRUCTURES

Job Name: 25-3233 - TDOT Davidson Co. CNZ209
Job Location: Nashville, TN
Contractor: Mid-State Construction Co. Inc.



ELEVATION
Scale:1"- 3'-6"

Structure ID: W02 - NOISE WALL PANEL
P1 Custom Wall WALL PANEL 8" THK - 24.00' LG x 1.33' HT

ELEVATION
REINFORCEMENT
Scale:1"- 3'-6"

PANEL REINFORCEMENT				
MARKER	SIZE	AMMOUNT	TYPE	LENGHT
M1	#5	02	STRAIGHT	23'-8"
M4	#4	17	STRAIGHT	1'-0"

TYPE	LENGHT	WEIGHT
#4	17'	11#
#5	47'	49#

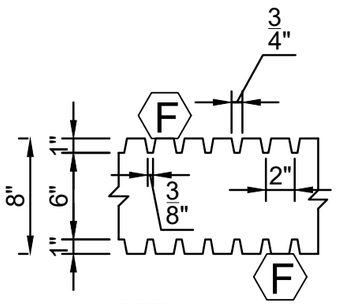
FINISH LEGEND

F — FORM LINEAR FINISH
AND COLOR TO MATCH ADJACENT EXISTING WALL PANELS

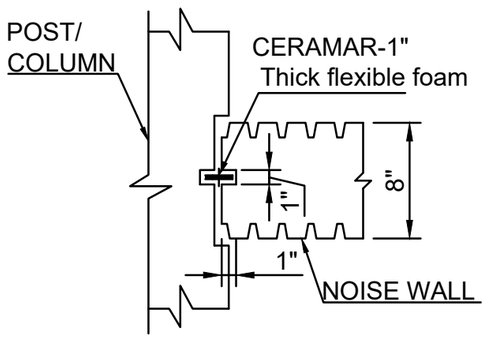
COLOR MATCH TO BE DONE IN FIELD BY OTHERS

BILL OF MATERIAL

MARK	DESCRIPTION	QTY. EACH
P-01	2T-TECH ERECTION ANCHOR(QL527G)	2



DETAIL-1
FORM LINEAR DETAILS
Scale:1"- 10 1/2"



DETAIL-2
RUBBER EXPANSION JOINT FILLER
Scale:1"- 10 1/2"

REV:	DESCRIPTION:	DATE:	DRAWN BY:	CHK BY:
R1	FOR APPROVAL	08/26/25	SCM	SSH
R2	FOR APPROVAL	11/10/25	RBG	SSH

JOB NO:	DWG NO:	DATE:	REV:	VOLUME (CYD)	WEIGHT (LBS)	SCALE:
-	W02	11.10.25	R2	0.79	3200	-

PRODUCT:
NOISE WALL PANEL
QTY: 1

JOB NAME:
NOISE WALL
REPLACEMENT I-440 EB

SHEET
1 OF 1

ICAST INFRASTRUCTURE PRECAST

MATTHEW S. CHILDS
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 130469
STATE OF TENNESSEE
10 Nov, 2025