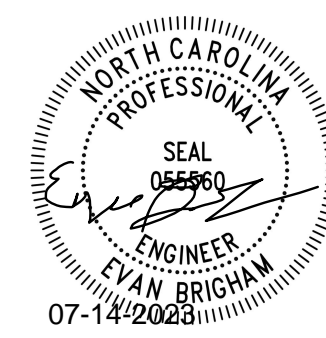



TIP NO. B-5783	SHEET NO. TMP-09
APPROVED: _____	
DATE: _____	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 DAVENPORT <small>HOME OFFICE 119 BROOKSTOWN AVENUE, SUITE PH1 WINSTON-SALEM, NC 27101 336.744.1636 www.davenportnc.com NCBELS FIRM LICENSE NO. C-2522</small>	

TEMPORARY SHORING NO. 1

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE END BENT CONSTRUCTION FROM STATION 20+14.75 ±-SBL-, 21' RT, TO STATION 20+58.50 ±-SBL-, 21' RT.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION 20+14.75 ±-SBL-, 21' RT, TO STATION 20+58.50 ±-SBL-, 21' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT = 120 LB/CF
- FRICTION ANGLE = 30 DEGREES
- COHESION = 0 LBSF
- GROUNDWATER ELEVATION = 885 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 20+14.75 ±-SBL-, 21' RT, TO STATION 20+58.50 ±-SBL-, 21' RT MAY NOT PENETRATE BELOW ELEVATION 873 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 20+14.75 ±-SBL-, 21' RT, TO STATION 20+58.50 ±-SBL-, 21' RT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION 20+14.75 ±-SBL-, 21' RT, TO STATION 20+58.50 ±-SBL-, 21' RT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

TEMPORARY SHORING NO. 2

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE END BENT CONSTRUCTION FROM STATION 22+21.25 ±-SBL-, 21' RT, TO STATION 22+65.00 ±-SBL-, 21' RT.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

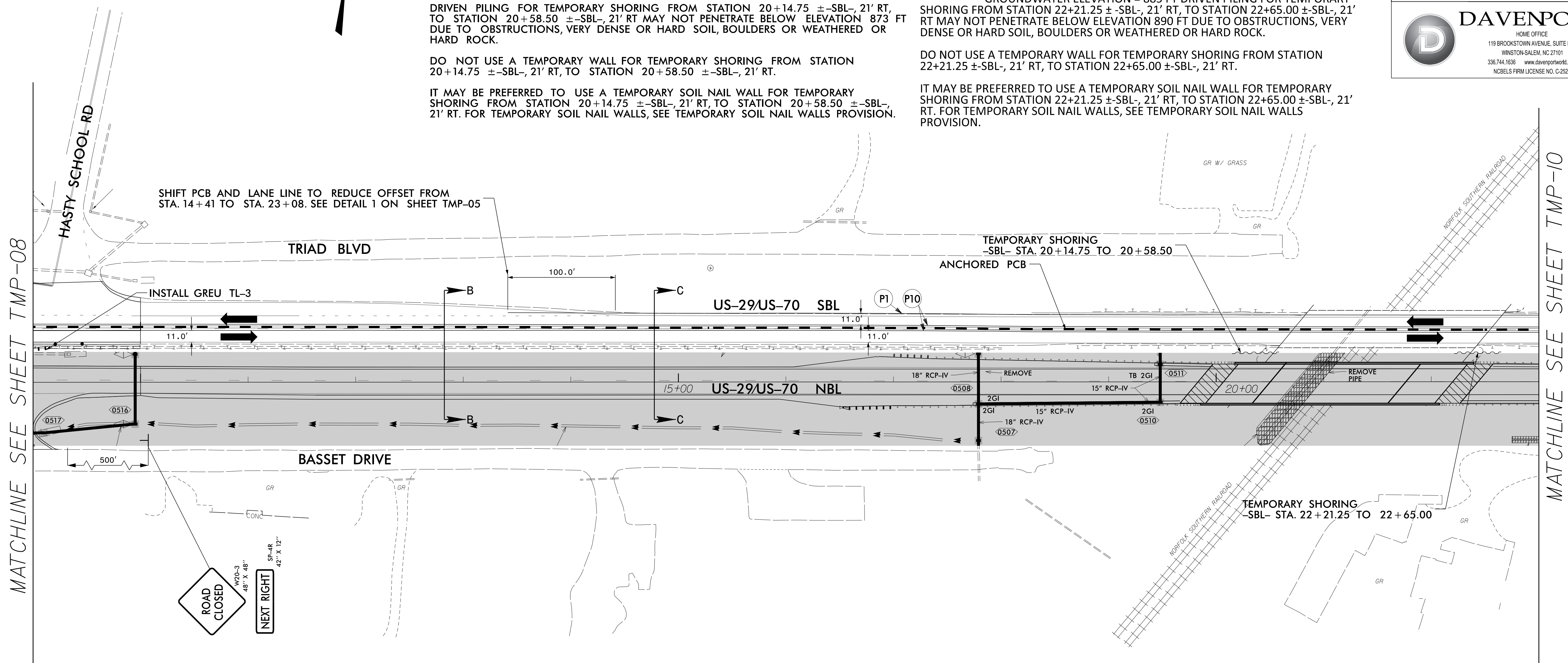
DESIGN TEMPORARY SHORING FROM STATION 22+21.25 ±-SBL-, 21' RT, TO STATION 22+65.00 ±-SBL-, 21' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT = 120 LB/CF
- FRICTION ANGLE = 30 DEGREES
- COHESION = 0 LB/SF
- GROUNDWATER ELEVATION = 885 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 22+21.25 ±-SBL-, 21' RT, TO STATION 22+65.00 ±-SBL-, 21' RT MAY NOT PENETRATE BELOW ELEVATION 890 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

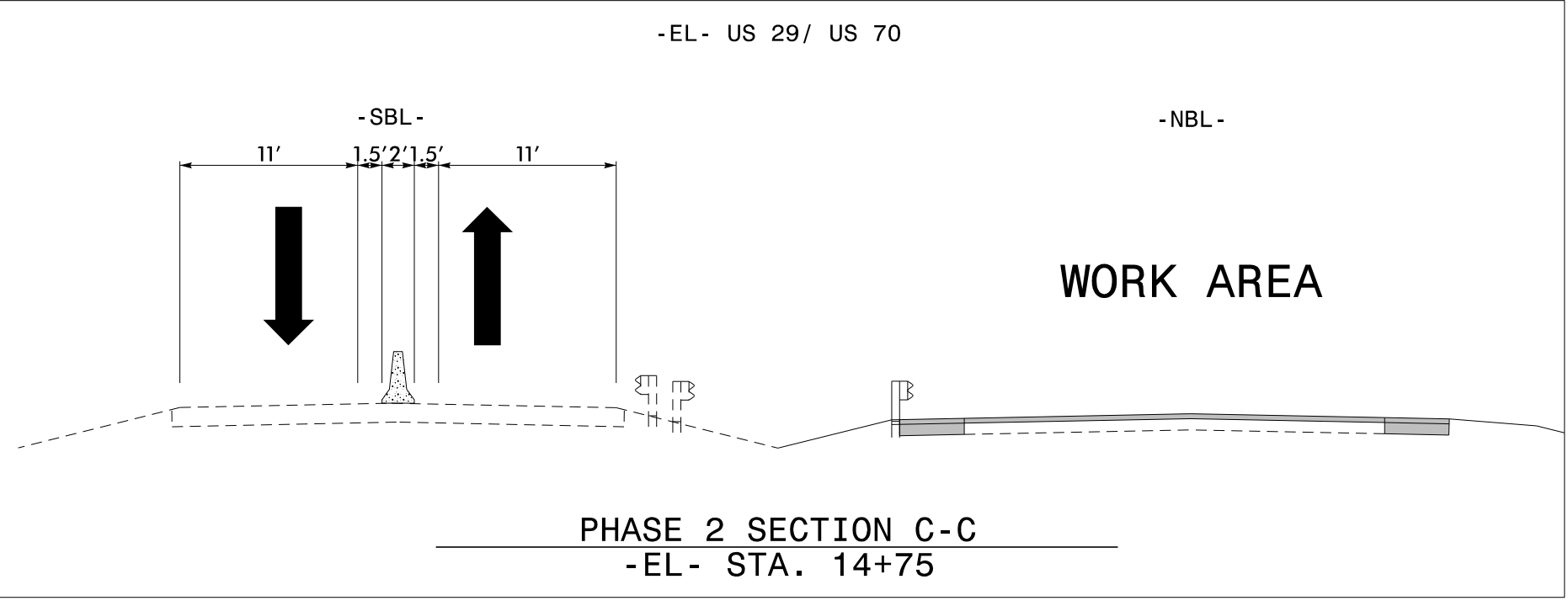
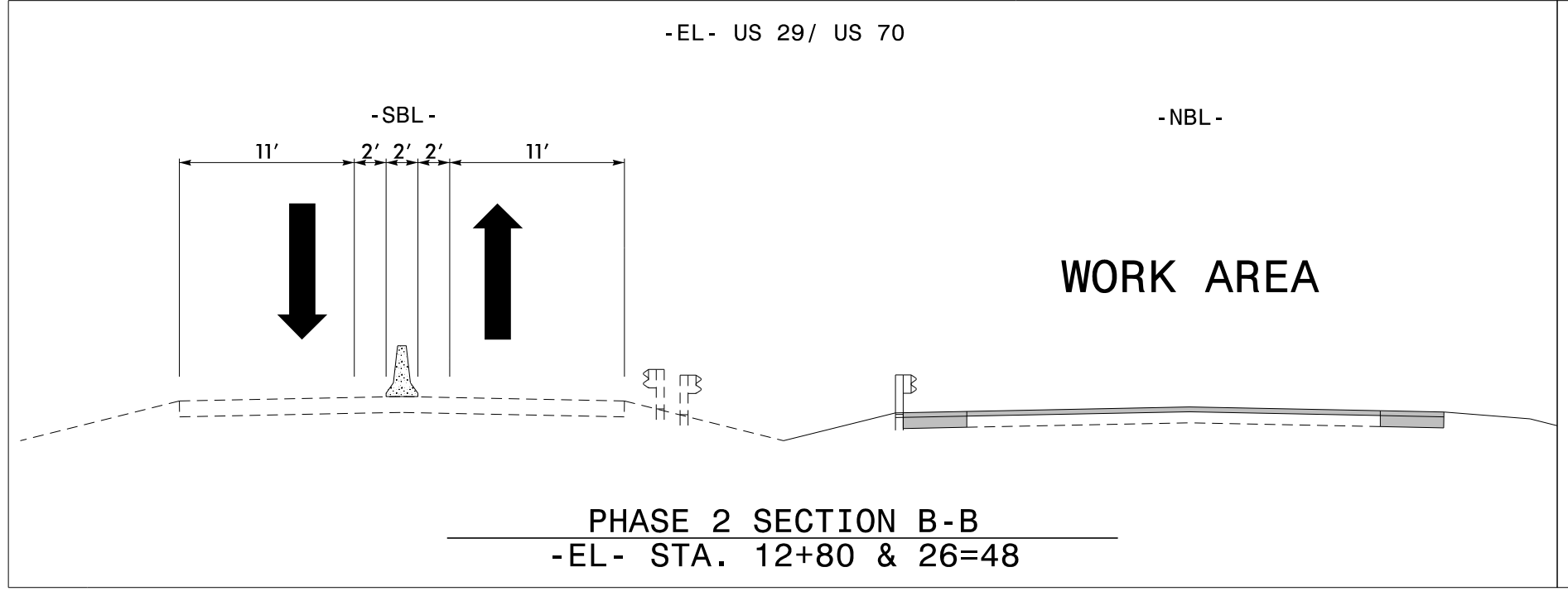
DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 22+21.25 ±-SBL-, 21' RT, TO STATION 22+65.00 ±-SBL-, 21' RT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION 22+21.25 ±-SBL-, 21' RT, TO STATION 22+65.00 ±-SBL-, 21' RT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.



MATCHLINE SEE SHEET TMP-08

MATCHLINE SEE SHEET TMP-10



PHASE 2
PLAN SHEET

\$\$\$\$\$SCALE\$\$\$\$\$
7/14/2023
7:20:16 AM
D:\2016\160305\NCDDT_B5783-US29-70\DESIGN\B5783-US29-70\DESIGN\B5783-US29-70\TrafficControl\160905_Phase2_TMP-09.dgn
DAVENPORT\DAVENPORT\WORLD