

# TEMPORARY SHORING & WALL NOTES

**TEMPORARY WALL NO. 2B (SEE SHEET TMP-05 AND TMP-05A)**

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

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

DESIGN TEMPORARY WALL FROM STATION -L- 23+43±, 19.0 FT. RIGHT, TO STATION -L- 23+82±, 19.0 FT. RIGHT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF
- FRICTION ANGLE ( $\phi$ ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 341.0 FT ±

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY WALL FROM STATION -L- 23+43±, 19.0 FT. RIGHT, TO STATION -L- 23+82±, 19.0 FT. RIGHT.

WHEN BACKFILL FOR RETAINING WALLS AND BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR RETAINING WALLS AND BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

AT THE CONTRACTOR\*S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY WALL FROM STATION -L- 23+43±, 19.0 FT. RIGHT, TO STATION -L- 23+82±, 19.0 FT. RIGHT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

WHEN BACKFILL FOR RETAINING WALLS AND BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR RETAINING WALLS AND BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

**TEMPORARY SHORING NO. 3 (SEE SHEET TMP-05 AND TMP-05A)**

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

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 -Y1- 26+76±, 6.5 FT. LEFT, TO STATION -Y1- 27+64±, 6.5 FT. LEFT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) 120 LB/CF
- FRICTION ANGLE ( $\phi$ ) =30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 340.0 FT ±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -Y1- 26+76±, 6.5 FT. LEFT, TO STATION -Y1- 27+64±, 6.5 FT. LEFT.

AT THE CONTRACTOR\*S OPTION, USE STANDARD SHORING FOR TEMPORARY SHORING FROM STATION -Y1- 26+76±, 6.5 FT. LEFT, TO STATION -Y1- 27+64±, 6.5 FT. LEFT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

**TEMPORARY SHORING NO. 4 (SEE SHEET TMP-05 AND TMP-05A)**

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

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

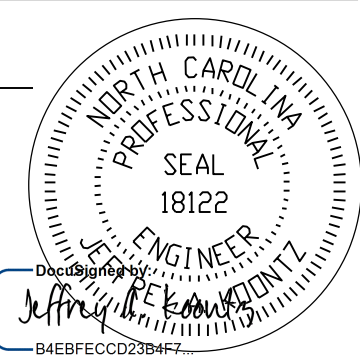

DESIGN TEMPORARY SHORING FROM STATION -Y1- 26+76±, 6.5 FT. RIGHT, TO STATION -Y1- 27+64±, 6.5 FT. RIGHT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF
- FRICTION ANGLE ( $\phi$ ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 340.0 FT ±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -Y1- 26+76±, 6.5 FT. RIGHT, TO STATION -Y1- 27+64±, 6.5 FT. RIGHT.

AT THE CONTRACTOR\*S OPTION, USE STANDARD SHORING FOR TEMPORARY SHORING FROM STATION -Y1- 26+76±, 6.5 FT. RIGHT, TO STATION -Y1- 27+64±, 6.5 FT. RIGHT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

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 pattick.mcpherson

APPROVED: _____ DATE: 1/11/2024		 <b>AECOM</b> <small>NC FIRM LICENSE No: F-3042                  5438 Wade Park Blvd., Ste 200                  Raleigh, NC 27607                  919.854.6200</small>	<h2 style="margin: 0;">TEMPORARY SHORING NOTES</h2>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			