 TEMPORARY SHORING LOCATION NO. (1) (SEE TMP-4.01 & 4.02) TOM TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORA SHORING, SEE PLANS AND TEMPORARY SHORING PACULATION. DESIGN TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORA SHORING, SEE PLANS AND TEMPORARY SHORING POSITIVE PROTECTION. DESIGN TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORA SHUMED SOIL FRAMMETERS AND GROUNDWATER LEVATION: WITT WEIGHT OF SOIL ADDUE WITTER TABLE, 7 = 50 PCF FRICTION ANGLE, 4 = 30 COMESION, 0 = 0 PSF GROUNDWATER LEVATION = 433 FT. BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION SURVEY EXISTING GROUND ELEVATION 25:00 +/· -L-, 37 FT. RT. TO STATION 27:70 +/· -L-, 37 FT. RT. NET INFORMATY SHORING FOR UDDING DEBUSIFICATION STATION 25:00 +/· -L-, 37 FT. RT. TO STATION 27:70 +/· -L-, 37 FT. RT. SEE GOTEONIGAL STADDA DUBLING CONSTRUCTION. AT THE CONTRACTOR'S OFTIM, USE STADDAG TEMPORARY SHORING F EMPORARY SHORING FORM STATION 25:00 +/· -L-, 37 FT. RT. STATION 27:70 +/· -L-, 37 FT. RT. SEE GOTEONIGAL STADDA DETAIL NO. 1801.01 FORM STATION 25:00 +/· -L-, 37 FT. FT. STATION 27:70 +/· -L-, 37 FT. RT. SEE GOTEONIGAL STADDA DETAIL NO. 1801.01 FORM STATION 170:00 +/· -L-, 7.5 FT ENTROPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORAR SHORING, SEE PLANS AND TEMPORARY SHORING DESIGN. OR CONSTRUCTION DESIGN TEMPORARY SHORING FAM STATION 170:00 +/· -L-, 7.5 FT TO, STATION 17:400 1/· -L-, 7.0 FT. LT. HEP DRI COMMONITER ELEVATION = A04 FT. DEFINIT TEMPORARY SHORING FROM STATION 170:00 +/· -L-, 7.5 FT TO, STATION 17:400 GROUND ELEVATION IS AND 14:00040180. DEGINING TEMPORARY SHORING DESIGN OR CONSTRUCTION STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORANY SHORING HEPDORAPY SHORING FROM STATION 170:00 +/· -L-, 7.5 FT LT., TO STATION 17:400 +/· -L-, 7.0 FT LT. HEP DEFORMANY SHORING STORE FROM STATION 170:00 +/· -L-, 7.5 FT LT., TO STATION 17:400 (FM) (3) (SEE TMP-5.01) DEFINIT MEROPORAY SHORING DESIGN OR C	TIG NG YING OTOR AR THE NG TIONE OR, A TIG NG YING OTOR OTOR OTOR OTOR OTOR OTOR OTOR OTO

TEMPORARY SHORING DATA

<u>TEMPORARY SHORING LOCATION</u> NO. $\langle 4 \rangle$ (SEE TMP-6.12)

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

DESIGN TEMPORARY SHORING FROM STATION 186+00 +/- -L-, 5.4 FT. LT TO STATION 194+00 +/- -L-, 3.4 FT. LT, FOR THE FOLLOWING ASSUMED SOIL

PARAMETERS AND GROUNDWATER ELEVATION: UNIT WEIGHT OF SOIL ABOVE WATER TABLE, γ = 120 PCF UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF FRICTION ANGLE, $\phi = 30$ COHESION, c = 0 PSF GROUNDWATER ELEVATION = 402 FT.

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

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 186+00 +/- -L-, 5.4 FT. LT TO STATION 194+00 +/- -L-, 3.4 FT. LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 186+00 +/- -L-, 5.4 FT. LT TO STATION 194+00 +/- -L-, 3.4 FT. LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

<u>TEMPORARY SHORING LOCATION NO. $\langle 5 \rangle$ </u> (SEE TMP-6.12)

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

DESIGN TEMPORARY SHORING FROM STATION 189+50 +/- -L-, 5.3 FT. LT., TO STATION 190+70 +/- -L-, 5.1 FT. LT., FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION: UNIT WEIGHT OF SOIL ABOVE WATER TABLE, γ = 120 PCF UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF FRICTION ANGLE, ϕ = 30

COHESION, c = 0 PSF GROUNDWATER ELEVATION = 402 FT.

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

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 189+50 +/- -L-, 5.3 FT. LT., TO STATION 190+70 +/- -L-, 5.1 FT. LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 189+50 +/- -L-, 5.3 FT. LT., TO STATION 190+70 +/- -L-, 5.1 FT. LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. (6) (SEE TMP-6.13)

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

DESIGN TEMPORARY SHORING FROM STATION 203+00 +/- -L-, 0.4 FT. LT. TO STATION 210+00 +/- -L-, CENTERLINE, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION: UNIT WEIGHT OF SOIL ABOVE WATER TABLE, γ = 120 PCF UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF FRICTION ANGLE, $\phi = 30$ COHESION, c = 0 PSF GROUNDWATER ELEVATION = 407 FT.

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

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 203+00 +/- -L-, 0.4 FT. LT. TO STATION 210+00 +/- -L-, CENTERLINE. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 203+00 +/- -L-, 0.4 FT. LT. TO STATION 210+00 +/- -L-, CENTERLINE. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

<u>TEMPORARY SHORING LOCATION</u> NO. $\langle 7 \rangle$ (SEE TMP-6.13)

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

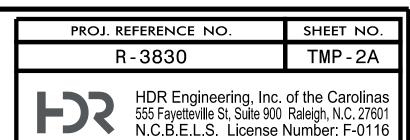
LT TO STATION 206+00 +/- -L-. 0.8 FT. LT. FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION: UNIT WEIGHT OF SOIL ABOVE WATER TABLE, γ = 120 PCF UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF FRICTION ANGLE, ϕ = 30 COHESION, c = 0 PSF GROUNDWATER ELEVATION = 407 FT.

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

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 205+00 +/- -L-. 1.3 FT. LT TO STATION 206+00 +/- -L-, 0.8 FT. LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 205+00 +/- -L-, 1.3 FT. LT TO STATION 206+00 +/- -L-, 0.8 FT. LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

APPROVED: _	Michael T. F	Zepka
DATE: _7/12/	/2022	
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DESIGN TEMPORARY SHORING FROM STATION 205+00 +/- -L-, 1.3 FT.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEERING UNIT. THE DOCUMENT WAS SUBMITTED TO THE WZTCU ON 9-1-2021 AND SEALED BY A PROFESSIONAL ENGINEER, DAVID L. TEAGUE, PE, LICENSE #027869.



TEMPORARY SHORING DATA