DESIGNED BY: DRAWN BY:

DESIGN ENGINEER
OF RECORD:

CHECKED BY:

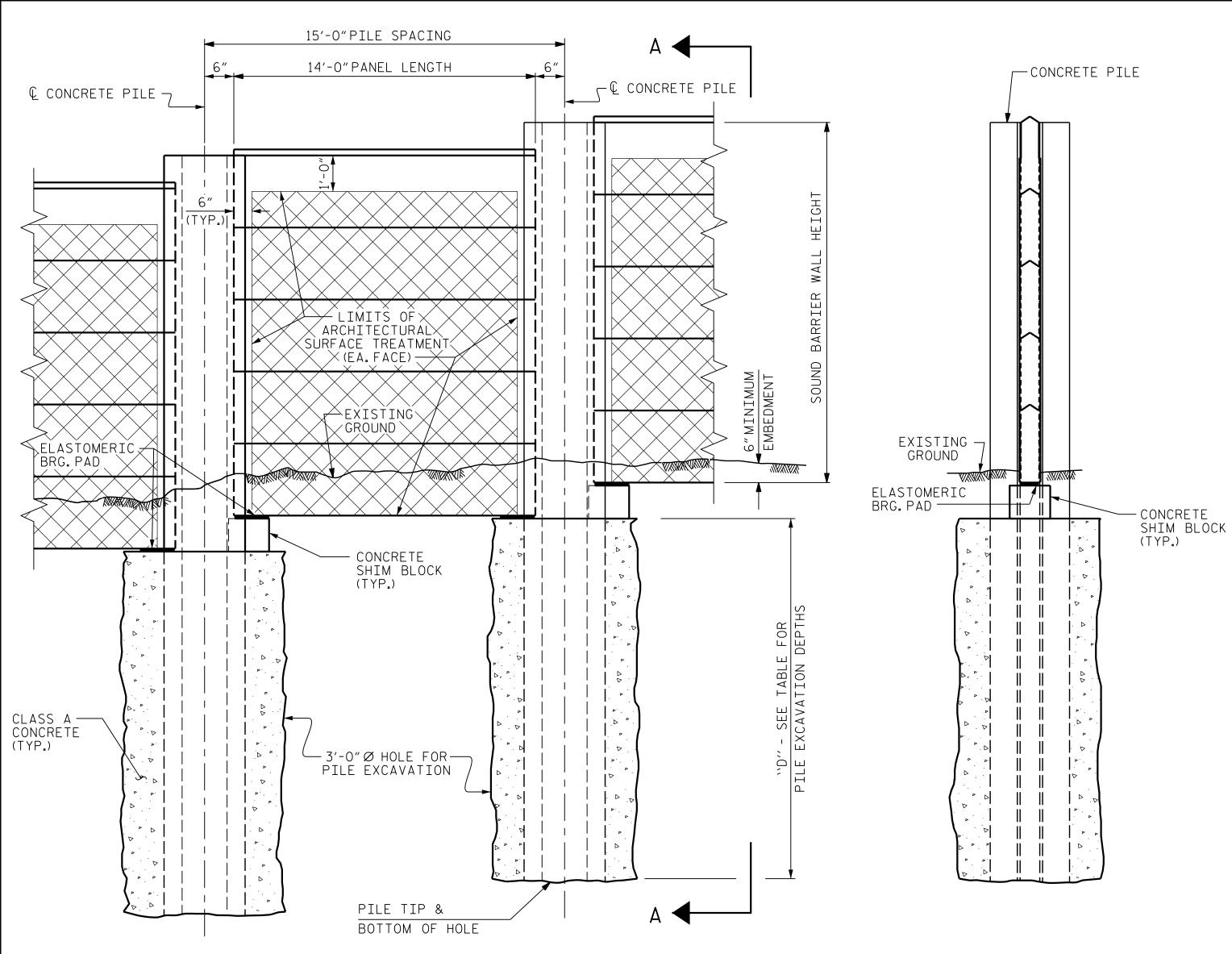
C.CORMAN K.WHITE

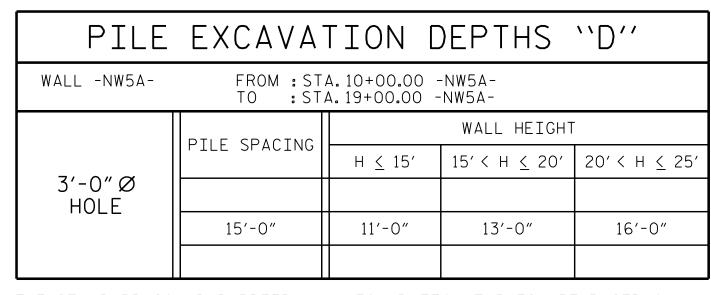
M. NIFONG

_ DATE : <u>APR 2020</u>

_ DATE : APR 2020

_ DATE : APR 2020





THE STANDARD SOUND BARRIER WALL FOUNDATION TABLES ARE BASED ON 36"DIA. HOLES. FOR 30"DIA. HOLES, ADD 1 FT TO PILE EXCAVATION DEPTHS (D).

NOTES

FOR SOUND BARRIER WALL, SEE SPECIAL PROVISIONS.

CONSTRUCT SOUND BARRIER WALL TO LINES AND GRADES SHOWN ON THE ROADWAY PLANS.

PROVIDE PANELS WITH A FLAT BOTTOM.

VERIFY THE LOCATION OF UNDERGROUND UTILITIES BEFORE DRILLING HOLES TO ENSURE SUFFICIENT CLEARANCE IS AVAILABLE.

ADJUST PILE EXCAVATION ELEVATIONS TO MAINTAIN 6"MINIMUM EMBEDMENT OF THE BOTTOM PANEL.

USE CLASS AA FOR PANELS AND CLASS A CONCRETE PILE EXCAVATION BACKFILL, IN ACCORDANCE WITH ARTICLE 1000-4 OF THE STANDARD SPECIFICATIONS.

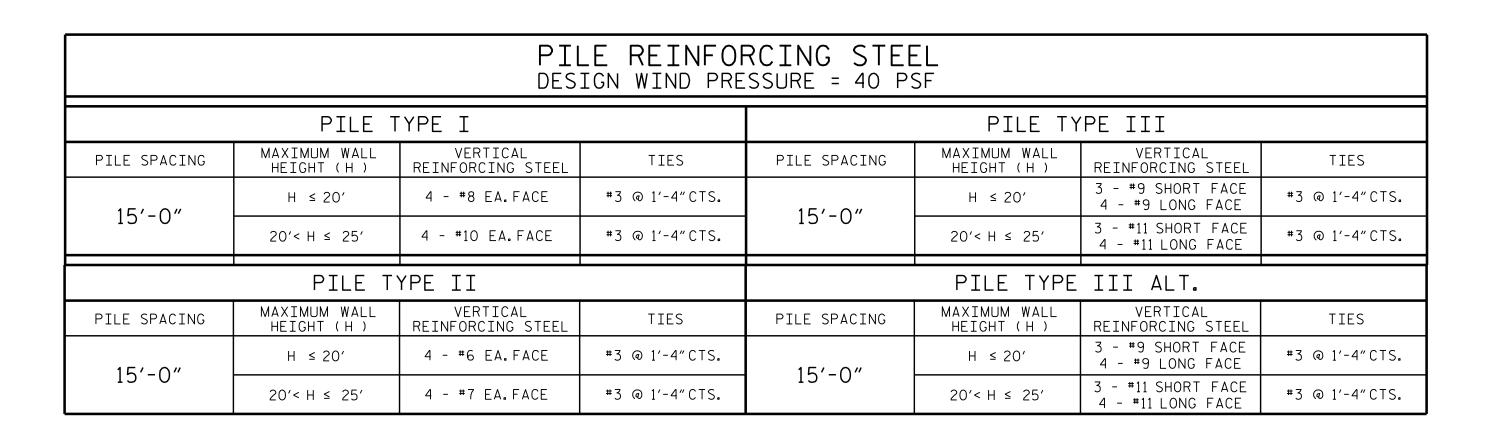
AT THE CONTRACTOR'S OPTION, USE 10'-0", 15'-0", OR 20'-0" PILE SPACINGS. STANDARD PRECAST CONCRETE PANELS MAY BE USED WITH THE 10'-0" AND 15'-O"PILE SPACING. FOR 20'-O"PILE SPACING, PANELS DESIGNED AND MANUFACTURED BY A THIRD PARTY VENDER SHALL BE USED.

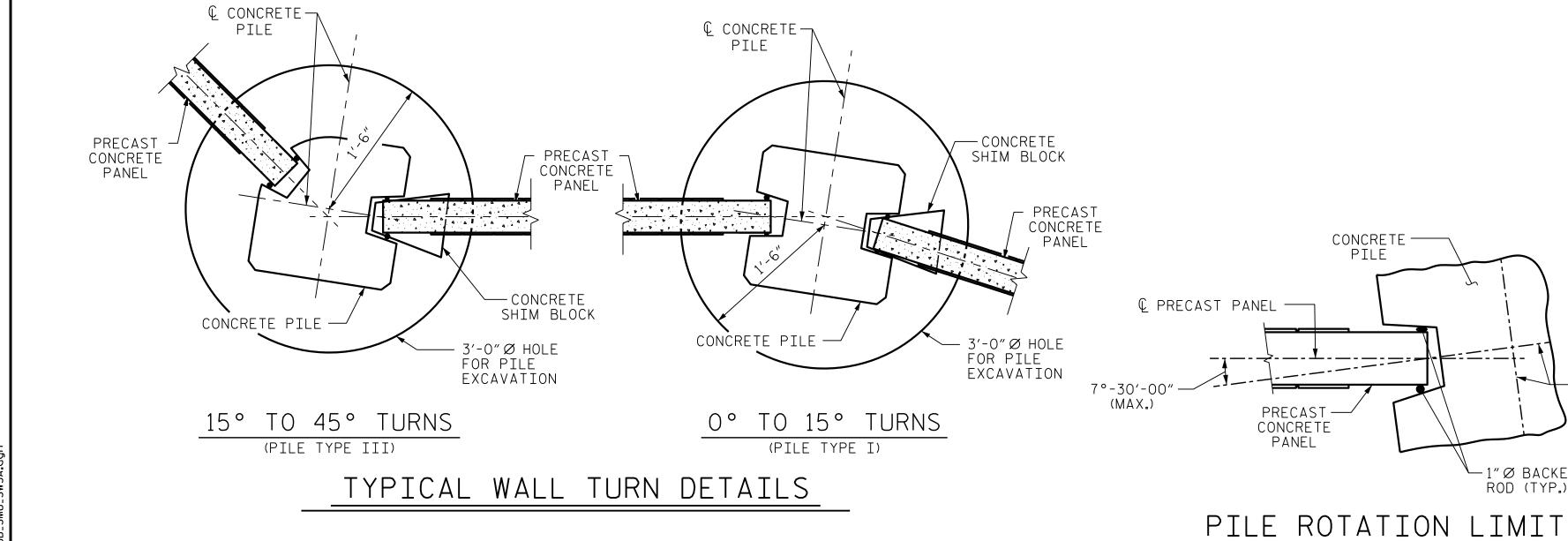
FOR SOUND BARRIER WALL STATIONS, OFFSETS, AND WALL ENVELOPE, SEE ROADWAY PLANS.

PLACE 1" Ø BACKER RODS FULL HEIGHT ON EACH SIDE OF THE PRECAST PANELS. SET AND SEAL THE BACKER ROD IN PLACE WITH SEALANT THAT CONFORMS WITH ARTICLE 1028-3 OF THE STANDARD SPECIFICATIONS.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.





REV. 10/17 REV. 5/18

MAA/TMG MAA/THC

MAA/THC

SECTION A-A

ELEVATION

DRAWN BY: MAA 6/II

CHECKED BY : GM 6/II

BILL OF MATERIAL 14,210 S.F. SOUND BARRIER WALL 23,036 S.F ARCHITECTURAL SURFACE TREATMENT QUANTITIES PROVIDED ARE APPROXIMATE AND ARE FOR BID PURPOSES ONLY. ARCHITECTURAL SURFACE TREATMENT

DRY STACK STONE FORMLINER TEXTURE OPTION: STAIN OPTION: DARK GRAY (FS 26008)

-1"Ø BACKER ROD (TYP.)

FOR WALL TURN

(ROTATE THE CONCRETE PILE ±7°-30′-00″ TO ACCOMMODATE WALL TURN.)

MODJESKI and MASTERS

333 FAYETTEVILLE STREET, SUITE 500 RALEIGH, NC 27601 NC LICENSE NO. C-2979

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL SEAL 032967 4/24/2020

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD

793+98.23 -L3- =

10+00 -NW5A-

PROJECT NO. R-2233BB

RUTHERFORD

STATION:

SHEET 1 OF 8

SOUND BARRIER WALL No.-NW5A-

REVISIONS SHEET NO. NO. BY: SW-1 DATE: DATE:

STD.NO.SBW1

COUNTY