€ CONCRETE

PILE

DESIGNED BY: Drawn by:

DESIGN ENGINEER OF RECORD:

CHECKED BY:

C. CORMAN K. WHITE

M. NIFONG

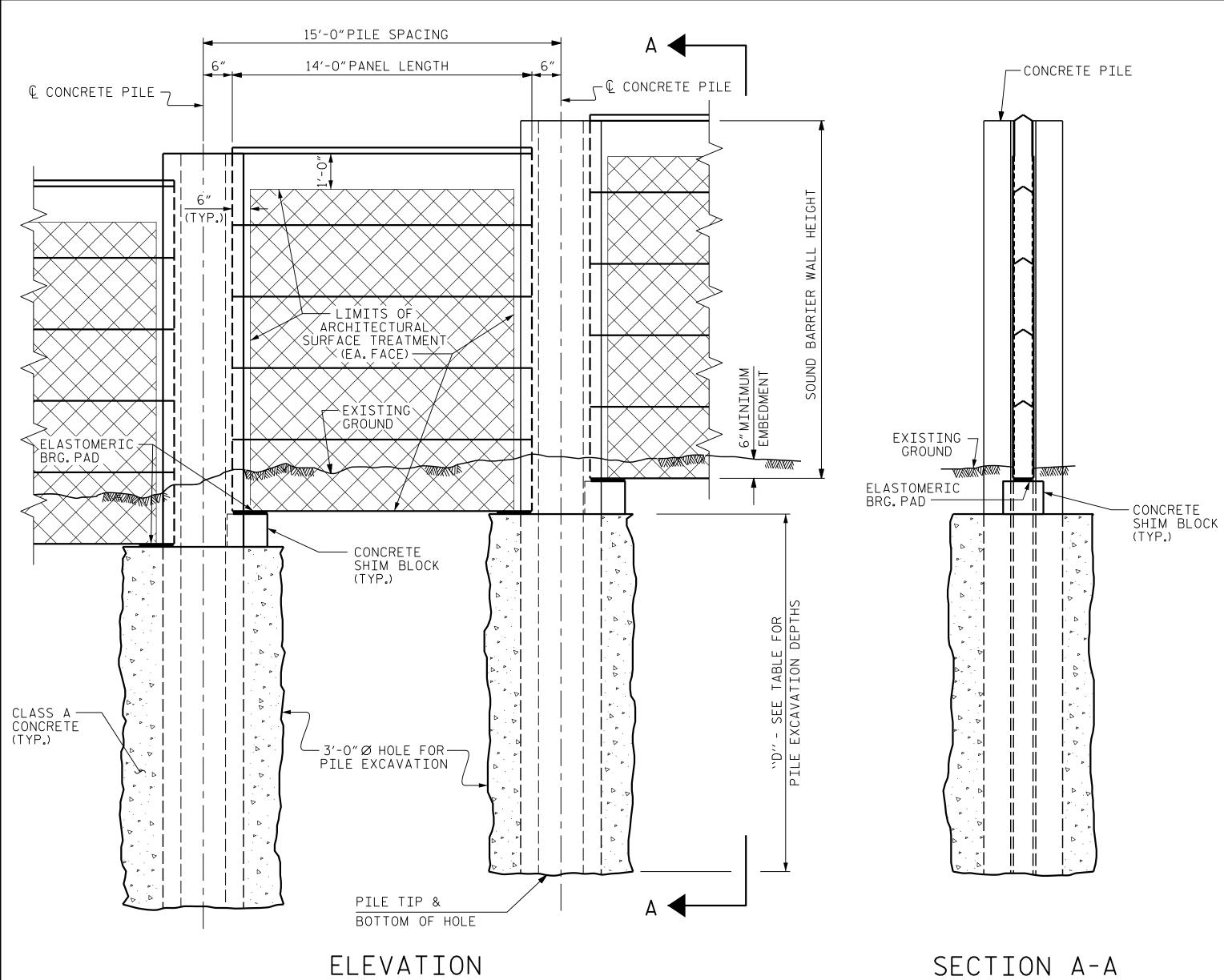
_ DATE : <u>APR 2020</u>

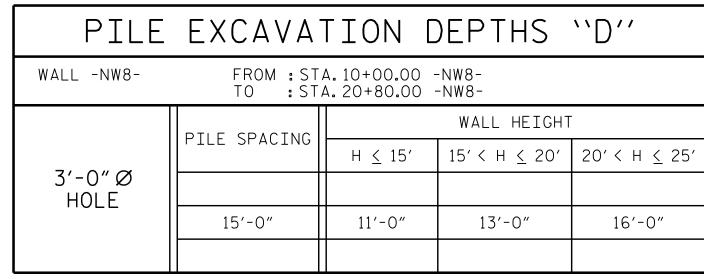
DATE : APR 202

_ DATE : APR 2020

DRAWN BY: MAA 6/II

CHECKED BY: GM 6/II





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.

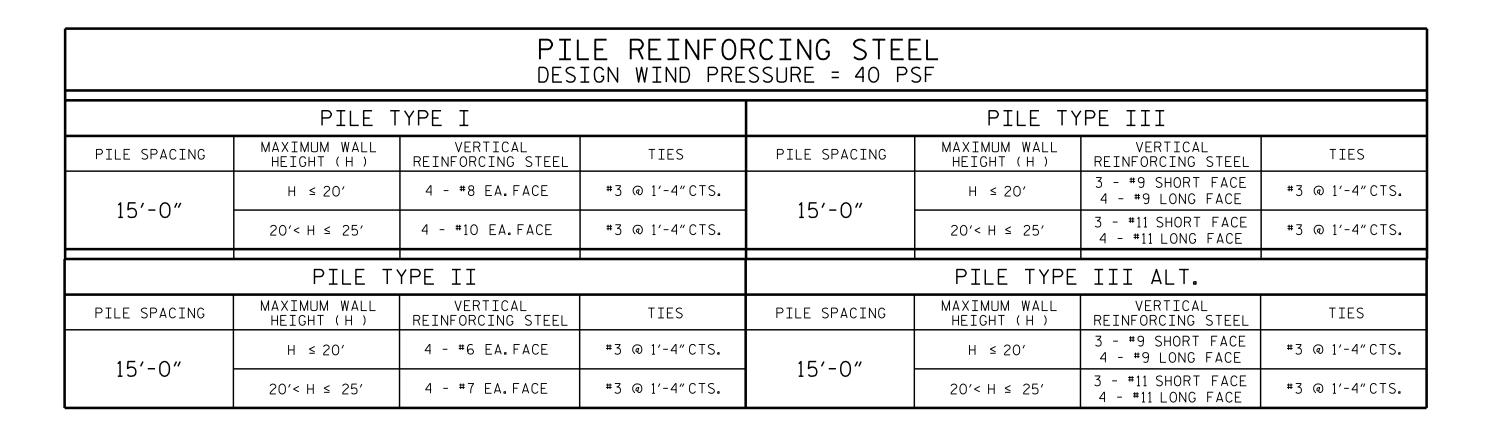
AT THE CONTRACTOR'S OPTION, USE 10'-0", 15'-0", OR 20'-0" PILE SPACINGS. STANDARD PRECAST CONCRETE PANELS MAY BE USED WITH THE 10'-0" AND 15'-O"PILE SPACING. FOR 20'-O"PILE SPACING, PANELS DESIGNED AND MANUFACTURED BY A THIRD PARTY VENDER SHALL BE USED.

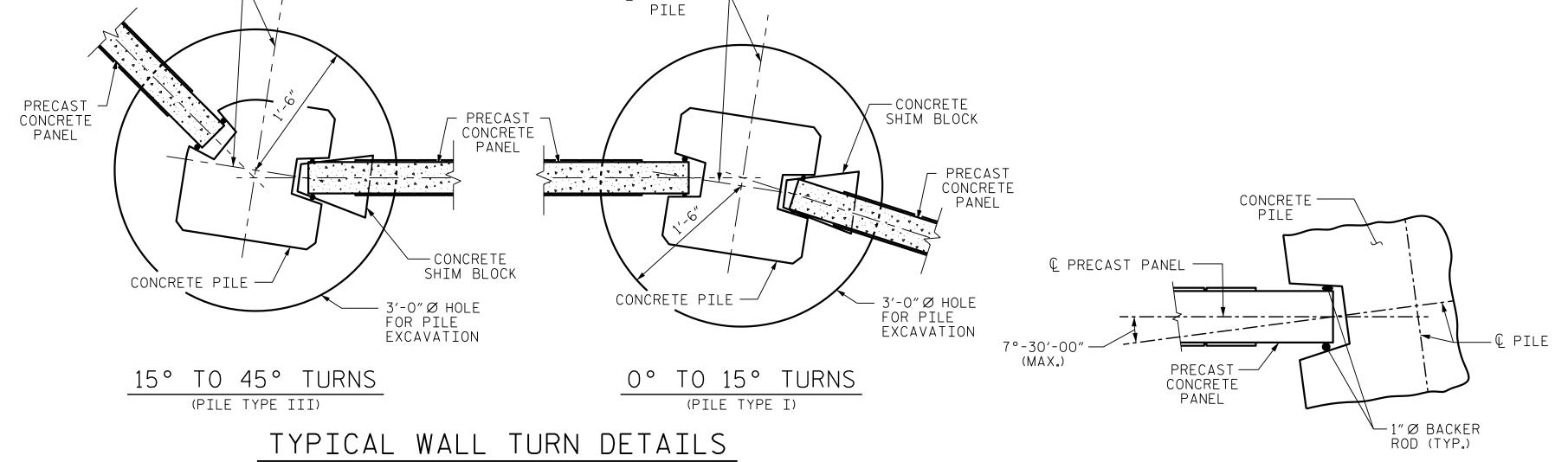
FOR SOUND BARRIER WALL STATIONS, OFFSETS, AND WALL ENVELOPE, SEE ROADWAY PLANS.

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.





€ CONCRETE →

MAA/TMG MAA/THC

MAA/THC

REV. 10/17 REV. 5/18

BILL OF MATERIAL 18,010 S.F. SOUND BARRIER WALL 29,302 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)

MODJESKI and MASTERS

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

PILE ROTATION LIMIT FOR WALL TURN

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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL Z 032967

Jason R Doughty

SOUND BARRIER WALL No.-NW8-

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

STANDARD

PROJECT NO. R-2233BB

RUTHERFORD

STATION:_

SHEET 3 OF 8

REVISIONS SHEET NO SW-3NO. BY: DATE: DATE: BY:

STD.NO.SBW1

826+63.46 -L3- =

10+00 -NW8-

COUNTY