

SECTION A-A

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

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 $6^{\prime\prime}$ 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.

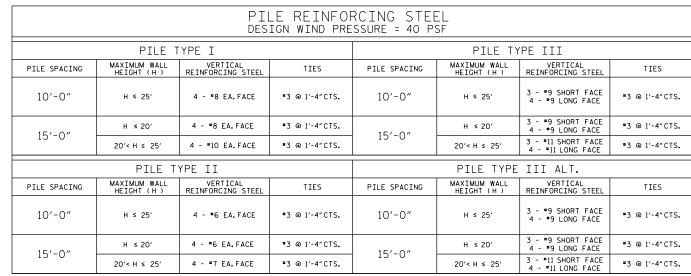
AT THE CONTRACTOR'S OPTION, USE 10'-0" OR 15'-0" PILE SPACINGS. STANDARD PRECAST CONCRETE PANELS MAY BE USED WITH THE 10'-0" AND 15'-0" PILE SPACING.

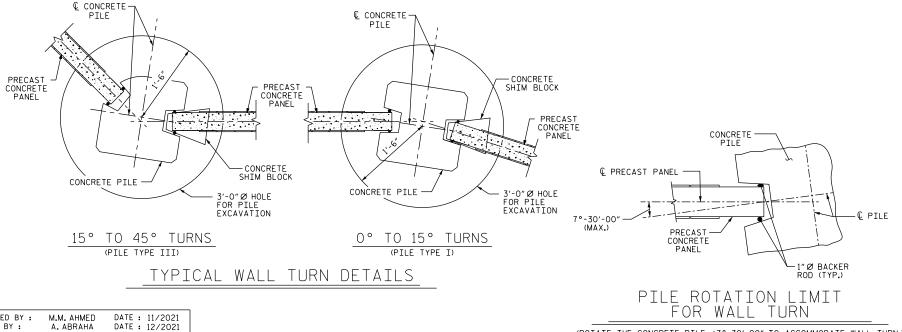
FOR SOUND BARRIER WALL STATIONS, OFFSETS, AND WALL ENVELOPE, SEE

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.





BILL OF MATERIAL SOUND BARRIER WALL 7,650 S.F. ARCHITECTURAL SURFACE TREATMENT 12,324 S.F. OUANTITIES PROVIDED ARE APPROXIMATE AND ARE FOR BID PURPOSES ONLY. ARCHITECTURAL SURFACE TREATMENT TEXTURE OPTION: DRY STACKED STONE

STAIN OPTION: FED 595 STANDARD STAIN COLOR 33531

U-6223 PROJECT NO._ JOHNSTON _ COUNTY 50+94.38 -L-STATION:

SHEET 1 OF 3

Aster Abralia

03/31/2022

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

SOUND BARRIER WALL NW11

		SHEET NO.				
NO.	BY:	DATE:	NO.	BY:	DATE:	NW-1
1			3			TOTAL SHEETS
2			4			3

STD. NO. SBW1 (SHT 1)

SHIM BLOCK

PILE EXCAVATION

PILE TIP & BOTTOM OF HOLE

ELEVATION

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A. ABRAHA

DRAWN BY: MAA 6/II

CHECKED BY : GM 6/II

REV. 9/26/14 REV. 10/17 REV. 5/18

MAA/TMG

MAA/THC

+

+

CLASS A — CONCRETE (TYP.)