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DTES:
R SOUND BARRIER WALL, SEE SPECIAL PROVISIONS.
NSTRUCT SOUND BARRIER WALL TO LINES AND GRADES SHOWN ON THE ROADWAY PLANS.
OVIDE PANELS WITH A FLAT BOTTOM.
RIFY THE LOCATION OF UNDERGROUND UTILITIES BEFORE DRILLING HOLES TO ENSURE FFICIENT CLEARANCE IS AVAILABLE.
JUST PILE EXCAVATION ELEVATIONS TO MAINTAIN 6"MINIMUM EMBEDMENT OF THE TTOM PANEL.
E CLASS AA FOR PANELS AND CLASS A CONCRETE PILE EXCAVATION BACKFILL,IN CORDANCE WITH ARTICLE 1000-4 OF THE STANDARD SPECIFICATIONS.
R SOUND BARRIER WALL STATIONS, OFFSETS, AND WALL ENVELOPE, SEE ROADWAY PLANS.
ACE 1″Ø BACKER RODS FULL HEIGHT ON EACH SIDE OF THE PRECAST PANELS.SET AND AL THE BACKER ROD IN PLACE WITH SEALANT THAT CONFORMS WITH ARTICLE 1028-3 OF E STANDARD SPECIFICATIONS.
R SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.
R FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.
R ELASTOMERIC BEARING DETAILS, SEE "SOUND BARRIER WALL DETAILS" SHEET 1 OF 3.
R CONCRETE SHIM BLOCK DETAILS, SEE "SOUND BARRIER WALL DETAILS" SHEET 1 OF 3.
R PRECAST PANEL DETAILS, SEE "SOUND BARRIER WALL DETAILS" SHEET 1 OF 3.
R CONCRETE PILE DETAILS, SEE "SOUND BARRIER WALL DETAILS" SHEETS 1 & 2 OF 3.
E TO THE SHALLOW GROUNDWATER TABLE, UNSTABLE OR CAVING SOILS ARE ANTICIPATED D TEMPORARY STEEL CASING OR SLURRY IS ANTICIPATED TO STABILIZE THE PILE CAVATIONS IN ACCORDANCE WITH THE REQUIREMENTS IN THE SOUND BARRIER WALL ECIAL PROVISION.
TE THAT SOUND BARRIER WALL PILES LOCATED WITHIN THE MSE WALL BACKFILL MUST INSTALLED PRIOR TO MSE WALL CONSTRUCTION.THE EMBEDMENT DEPTH PROVIDED IS ASURED BELOW THE BASE OF THE MSE WALL AND DOES NOT INCLUDE THE LENGTH ROUGH THE REINFORCED ZONE.
THE CONTRACTOR'S OPTION, USE CONTINUOUS FLIGHT AUGER PILES IN LIEU OF PILE CAVATION FOR SOUND BARRIER WALL FOUNDATION. SEE "CONTINUOUS FLIGHT AUGER LES FOR SOUND BARRIER WALLS" SPECIAL PROVISION.

THE ARCHITECTURAL CONCRETE SURFACE TREATMENT SHALL MATCH THE APPEARANCE (STONE SIZE AND SHAPE, STONE TEXTURE, PATTERN AND RELIEF) OF NATURAL STONE TO RESEMBLE A DRY STACKED STONE PATTERN WITH FEDERAL STANDARD 595 COLOR # FS30450 STAIN.

EXPOSURE CATEGORY D -PILE REINFORCING STEEL

WIND PRESSURE = 14');71 PSF (14'< H <u><</u> 25')						
	PILE TYPE III					
	PILE SPACING	MAXIMUM WALL HEIGHT (H)	VERTICAL REINFORCING STEEL	TIES		
CTS.	15'-0″	H ≤ 15′	3 - #9 SHORT FACE 4 - #9 LONG FACE	#3 @ 11″CTS.		
CTS.	15'-0"	15′ < H ≤ 20′	3 - #11 SHORT FACE 4 - #11 LONG FACE	#3 @ 10″CTS.		
	PILE TYPE III ALT.					
	PILE SPACING	MAXIMUM WALL HEIGHT (H)	VERTICAL REINFORCING STEEL	TIES		
CTS.	15'-0″	H ≤ 15′	3 - #9 SHORT FACE 4 - #9 LONG FACE	#3 @ 11″CTS.		
CTS.	15′-0″	15′ < H ≤ 20′	3 - #11 SHORT FACE 4 - #11 LONG FACE	#3 @ 10″CTS.		

ENT {S.F. 42,764} A PROJECT NO. U-4751 PROXIMATE AND ARE NEW HANOVER COL S ONLY. STATION: 71+43.97 -L- = 10+00.00 -NW7-	JNTY		
RALEIGH RALEIGH SEAL 02308 I <i>NGINEFE</i> 10/10/2017 RALEIGH SOUND BARRIER WALL NONW7-	DEPARTMENT OF TRANSPORTATION RALEIGH SOUND BARRIER WALL		
Image: Style strate st., suite 715 Style strate st., suite 715 No. BY: DATE: No. BY: DATE: 1 STV ENGINEERS, INC. 900 West Trade St., Suite 715 10-17 3 2 10-17 3 10 2 1 2 10-17 3 10 10 10 10 NW7 NW7 NW7 NW7 NW7 NW7 NW7 NW7	SHEET NO. NW-4 TOTAL SHEETS 17		