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<u>ES:</u> DUND BARRIER WALL, SEE SPECIAL PROVISIONS.
RUCT SOUND BARRIER WALL TO LINES AND GRADES SHOWN ON THE ROADWAY PLANS.
DE PANELS WITH A FLAT BOTTOM.
Y THE LOCATION OF UNDERGROUND UTILITIES BEFORE DRILLING HOLES TO ENSURE CIENT CLEARANCE IS AVAILABLE.
F PILE EXCAVATION ELEVATIONS TO MAINTAIN 6"MINIMUM EMBEDMENT OF THE BOTTOM
ASS AA FOR PANELS AND CLASS A CONCRETE PILE EXCAVATION BACKFILL, IN ACCORDANCE ARTICLE 1000-4 OF THE STANDARD SPECIFICATIONS.
OUND BARRIER WALL STATIONS, OFFSETS, AND WALL ENVELOPE, SEE ROADWAY PLANS.
1"Ø BACKER RODS FULL HEIGHT ON EACH SIDE OF THE PRECAST PANELS.SET AND SEAL ACKER ROD IN PLACE WITH SEALANT THAT CONFORMS WITH ARTICLE 1028-3 OF THE ARD SPECIFICATIONS.
JBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.
ALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.
ASTOMERIC BEARING DETAILS, SEE "SOUND BARRIER WALL DETAILS" SHEET 1 OF 3.
ONCRETE SHIM BLOCK DETAILS, SEE "SOUND BARRIER WALL DETAILS" SHEET 1 OF 3.
RECAST PANEL DETAILS, SEE "SOUND BARRIER WALL DETAILS" SHEET 1 OF 3.
ONCRETE PILE DETAILS, SEE "SOUND BARRIER WALL DETAILS" SHEETS 1 & 2 OF 3.
O THE SHALLOW GROUNDWATER TABLE, UNSTABLE OR CAVING SOILS ARE ANTICIPATED AND RARY STEEL CASING OR SLURRY IS ANTICIPATED TO STABILIZE THE PILE EXCAVATIONS CORDANCE WITH THE REQUIREMENTS IN THE SOUND BARRIER WALL SPECIAL PROVISION.
THAT SOUND BARRIER WALL PILES LOCATED WITHIN THE MSE WALL BACKFILL MUST BE LLED PRIOR TO MSE WALL CONSTRUCTION. THE EMBEDMENT DEPTH PROVIDED IS MEASURED THE BASE OF THE MSE WALL AND DOES NOT INCLUDE THE LENGTH THROUGH THE DRCED ZONE.
E CONTRACTOR'S OPTION, USE CONTINUOUS FLIGHT AUGER PILES IN LIEU OF PILE

EXCAVATION FOR SOUND BARRIER WALL FOUNDATION. SEE "CONTINUOUS FLIGHT AUGER PILES IN LIEU OF PILES 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 -E REINFORCING STEEL

62 PSF (0'< H ≤ 14'); 71 PSF (14'< H ≤ 25')

-Docusioning of CARO

SEAL 02308 I

O NGINEER

8/17/2017

	PILE TYPE III									
S	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.						
	PILE TYPE III ALT.									
S	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.						

-NW6-							
	S.F.	11,435					
	S.F.	9,476					
IMATE Y.	AND	ARE					

DOCUMENT

## PROJECT NO. U-4751

NEW HANOVER

## STATION: 84+10.42 -L- = 10+00.00 -NW6-

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

## SOUND BARRIER WALL NO.-NW6-

( STV ) 100		REVISIONS				SHEET NO.	
	NO. 1	BY:	DATE:	N0.	BY:	DATE:	NW-3
STV ENGINEERS, INC. 900 West Trade St., Suite 715 Charlotte, NC 28202	1			3			TOTAL SHEETS
Charlotte, NC 28202 NC License Number F-0991	2			4			17
	NW6			-			