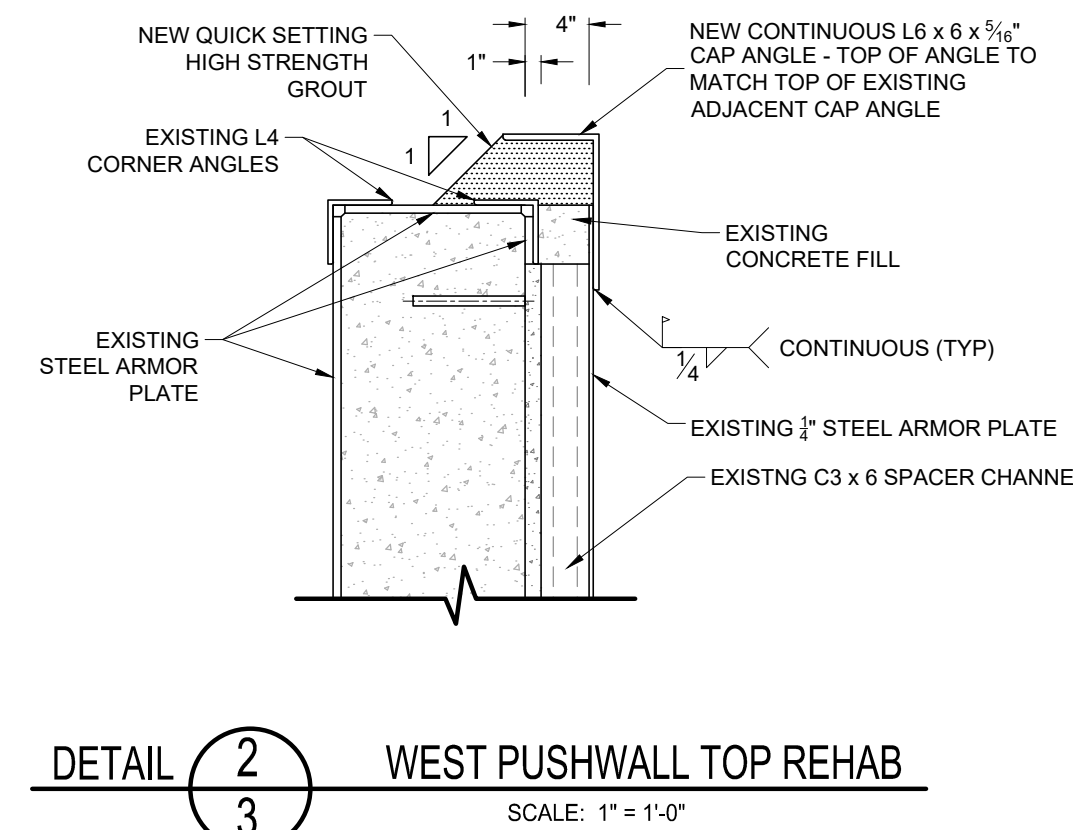
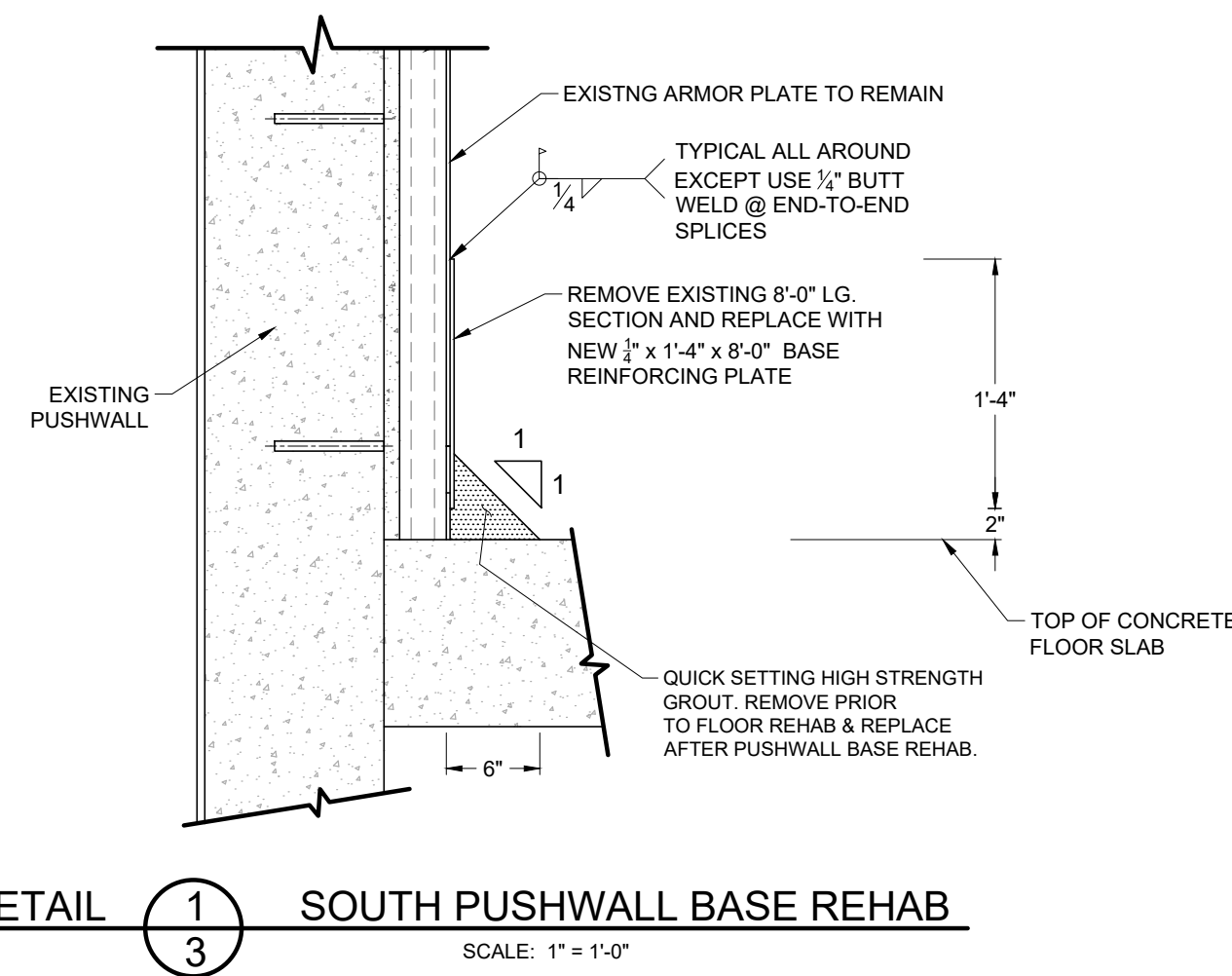
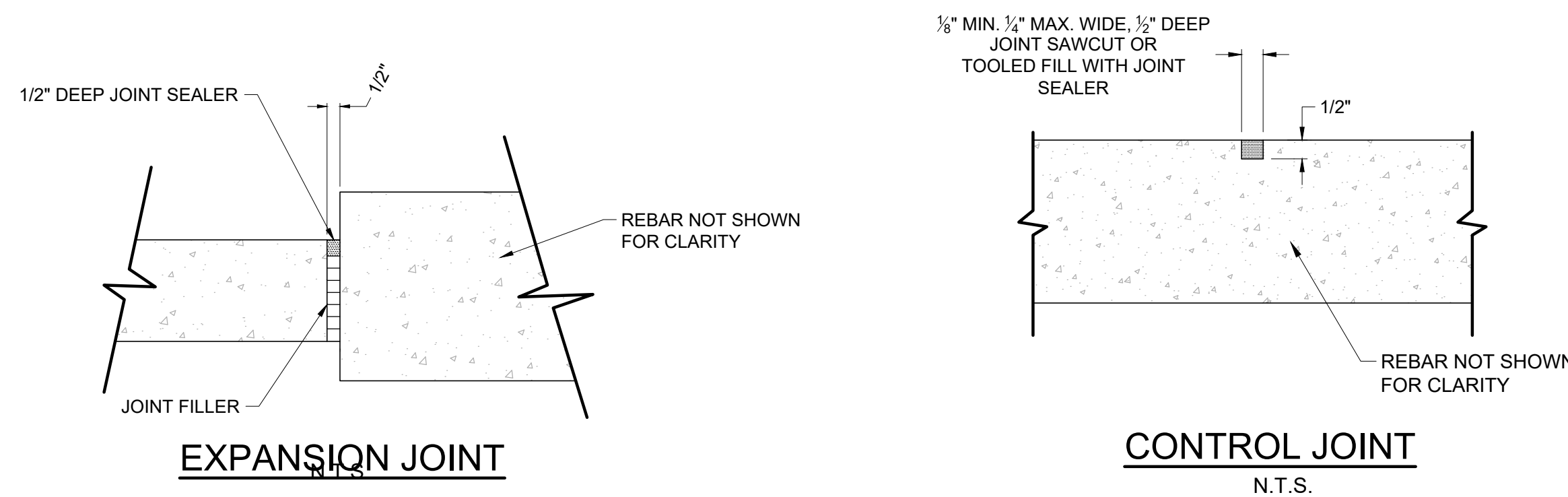
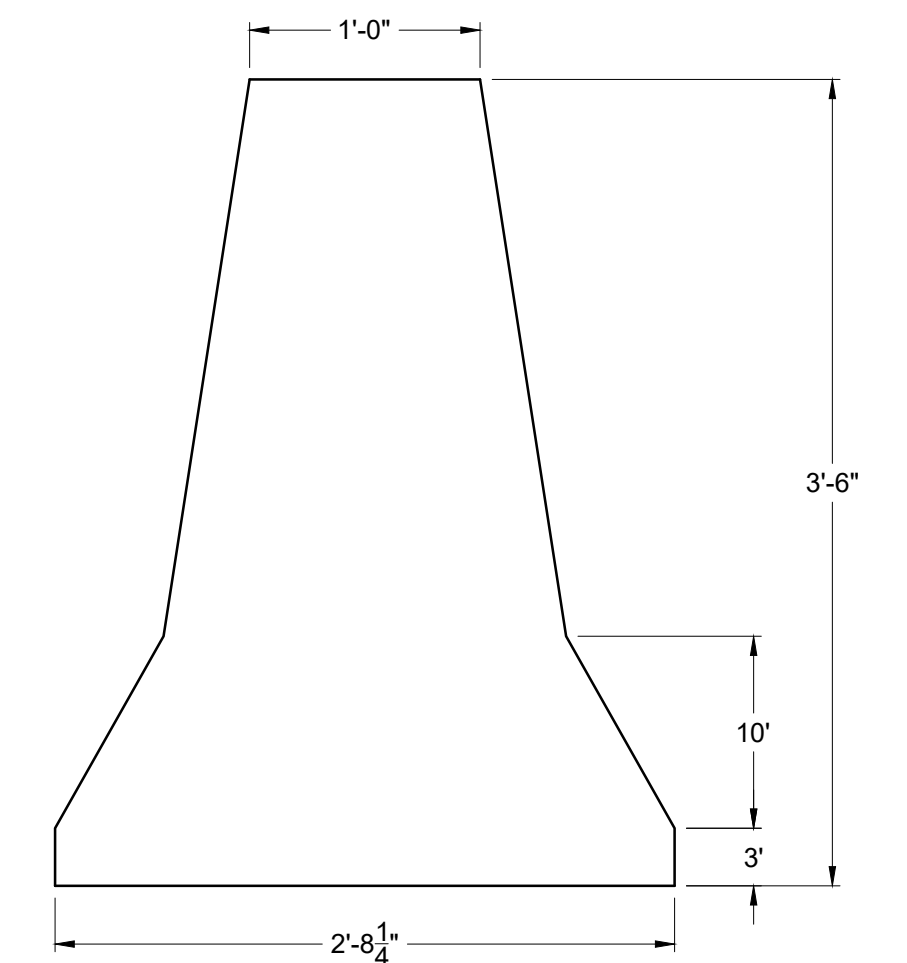


NOTE: TOP OF CONCRETE ELEVATIONS MUST MEET THOSE SHOWN ON THE FLOOR PLAN.



NOTE: QUICK SETTING HIGH STRENGTH GROUT FOR THE PUSHWALL BASE AND TOP FILLET SHALL BE SIKATOP 123 PLUS BY SIKA OR APPROVED EQUIVALENT.



DETAIL $\frac{4}{3}$ CONCRETE EXPANSION & CONTROL JOINTS
 N.T.S.

NOTES:

- JOINT SEALER FOR HORIZONTAL JOINTS SHALL BE A SINGLE COMPONENT, SELF-LEVELING, PREMIUM GRADE POLYURETHANE BASED ELASTOMERIC SEALANT (SIKA SIKAFLEX - 1 c SL OR APPROVED EQUIVALENT).
- JOINT SEALER FOR VERTICAL JOINTS SHALL BE A TWO COMPONENT, NON-SAG, PREMIUM GRADE POLYURETHANE BASED ELASTOMERIC SEALANT (SIKA SIKAFLEX - 2c SL OR APPROVED EQUIVALENT).
- JOINT FILLER SHALL BE SPONGE RUBBER, ASTM D 1752, TYPE 1.

FLOOR SLAB REHABILITATION PROCEDURE

- SAW-CUT AROUND THE PERIMETER OF THE REHABILITATION AREA AND AS REQUIRED IN ORDER TO REMOVE A MINIMUM DEPTH OF 4" OF EXISTING CONCRETE.
- REMOVE AND DISPOSE OF THE EXISTING CONCRETE TO THE REQUIRED DEPTH.
- CLEAN THE EXPOSED SURFACE OF THE BASE SLAB OF ALL LAITANCE, CONTAMINATION, AND FOREIGN MATTER IN ACCORDANCE WITH THE CONCRETE BONDING AGENT MANUFACTURER'S INSTRUCTIONS.
- SET ANCHOR BOLTS AND REINFORCING BARS.
- INSTALL EXPANSION JOINT FILLER AROUND PERIMETER OF REHAB AREA.
- APPLY BONDING AGENT TO THE EXPOSED SURFACE OF THE EXISTING BASE SLAB AND THE REBAR.
- POUR NEW 5,000 PSI CONCRETE AND FINISH TO LIGHT BROOM FINISH.
- CUT OR TOOL CONTROL JOINTS.
- SEAL EXPANSION AND CONTROL JOINTS WITH SEALER.

PRODUCTS

- ADHESIVE MATERIAL FOR ANCHOR BOLTS AND CONSTRUCTION JOINT SPLICE REBARS SHALL BE HILTI HIT-HY 100 OR APPROVED EQUIVALENT. RODS FOR ANCHOR BOLTS MUST BE CARBON STEEL HIT-Z RODS WITH ALL ASSOCIATED HARDWARE AS PROVIDED BY HILTI OR AN APPROVED EQUIVALENT. RODS FOR CONCRETE CONSTRUCTION JOINTS SHALL BE GRADE 60 REBAR.
- NON-SHRINK GROUT SHALL BE FIVE-STAR OR AN APPROVED EQUIVALENT.
- REINFORCEMENT COATING AT AREAS OF CONCRETE REHAB, AND THE BONDING AGENT FOR CONCRETE SURFACES SHALL BE ARMATEC 110 EPOCEM BY SIKA OR APPROVED EQUIVALENT.

	REVISION	DATE	DESCRIPTION	APPD
	TRANSFER STATION MIDDLE BAY FLOOR AND PUSHWALL REHABILITATION			
	CAPE MAY COUNTY MUNICIPAL UTILITIES AUTHORITY <small>P.O. BOX 610 CAPE MAY COURT HOUSE NEW JERSEY 08210</small>			
	DESIGN: TLR	DRAWN: MMF	PROJECT NO. : TS-21-22	
CHECKED: TLR	APPROVED: TLR	SCALE: AS SHOWN	DATE: APRIL 2022	
THOMAS J. LaROCCO PROFESSIONAL ENGINEER N.J. LIC. NO. 30239			DRAWING NO. 3 OF 4	