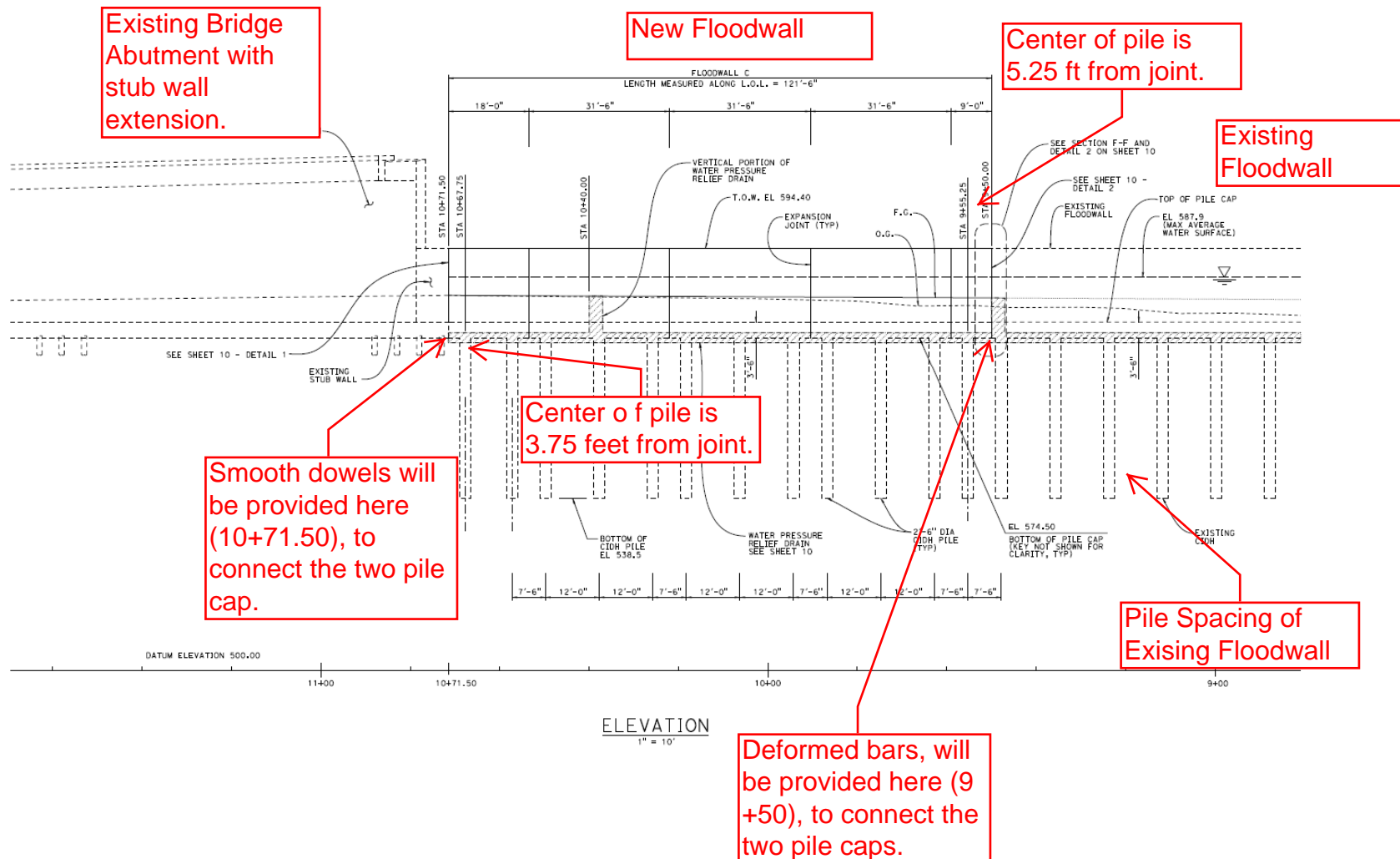


1. Floodwall Profile and Pile Lay Out

1. Wall connections at Sta. 10+71.50 and Sta. 9+50, have waterstops, no reinforcement going through.
2. Pile cap connection at Sta. 10+71.50 is with a bridge abutment, smooth dowels will be provided to connect the two pile caps at this location.
3. Pile cap connection at Sta. 9+50 is between two similar floodwall sections, with some difference in the pile spacing. Deformed dowels will be provided to connect the two pile caps at this location.



PLAN
 DETAIL 1
 SEE SHEET 10
 FLOODWALL C L.O.L.
 STA 10+71.50
 T.O.W. EL 594.40
 FLOODWALL C
 #7 @ 12" HORIZONTAL EACH FACE (EXISTING)
 #9 @ 6" TRANSVERSE (EXISTING)
 #9 @ 6" LONGITUDINAL (EXISTING)
 EL 574.50
 #8 @ 12" ALTERNATE WITH
 #5 @ 12" VERTICAL EACH FACE (EXISTING)
 CONNECTION - EXISTING BRIDGE STUB WALL & NEW FLOODWALL C
 3/4" = 1'-0"

TYPICAL LOCATION OF LAP SPLICES
 (STA 9+50 TO STA 10+71.50)
 CONNECTION BETWEEN EXISTING & NEW PILE CAPS
 3/4" = 1'-0"

SECTION A-A
 LAND SIDE
 WATER SIDE
 (4) EXISTING #4 BARS
 EXISTING STUB WALL
 EXISTING #6 @ 9" OC
 #9 X 8'-0" LONG SMOOTH DOWEL IN 1 1/2" DIA X 1'-4" LONG HOLE FILLED WITH HILTI HIT-RE 500 V3 ON EQUAL WITH DOWEL EXPANSION CAP
 EXISTING PILE CAP REINFORCEMENT
 EL 578.00
 NEW #9 DOWELS @ 6" (WHERE SHOWN)
 19'-0"±
 EXPOSED SIDE OF EXISTING STUB WALL AND ITS PILE CAP @ STA 10+71.50
 3/4" = 1'-0"

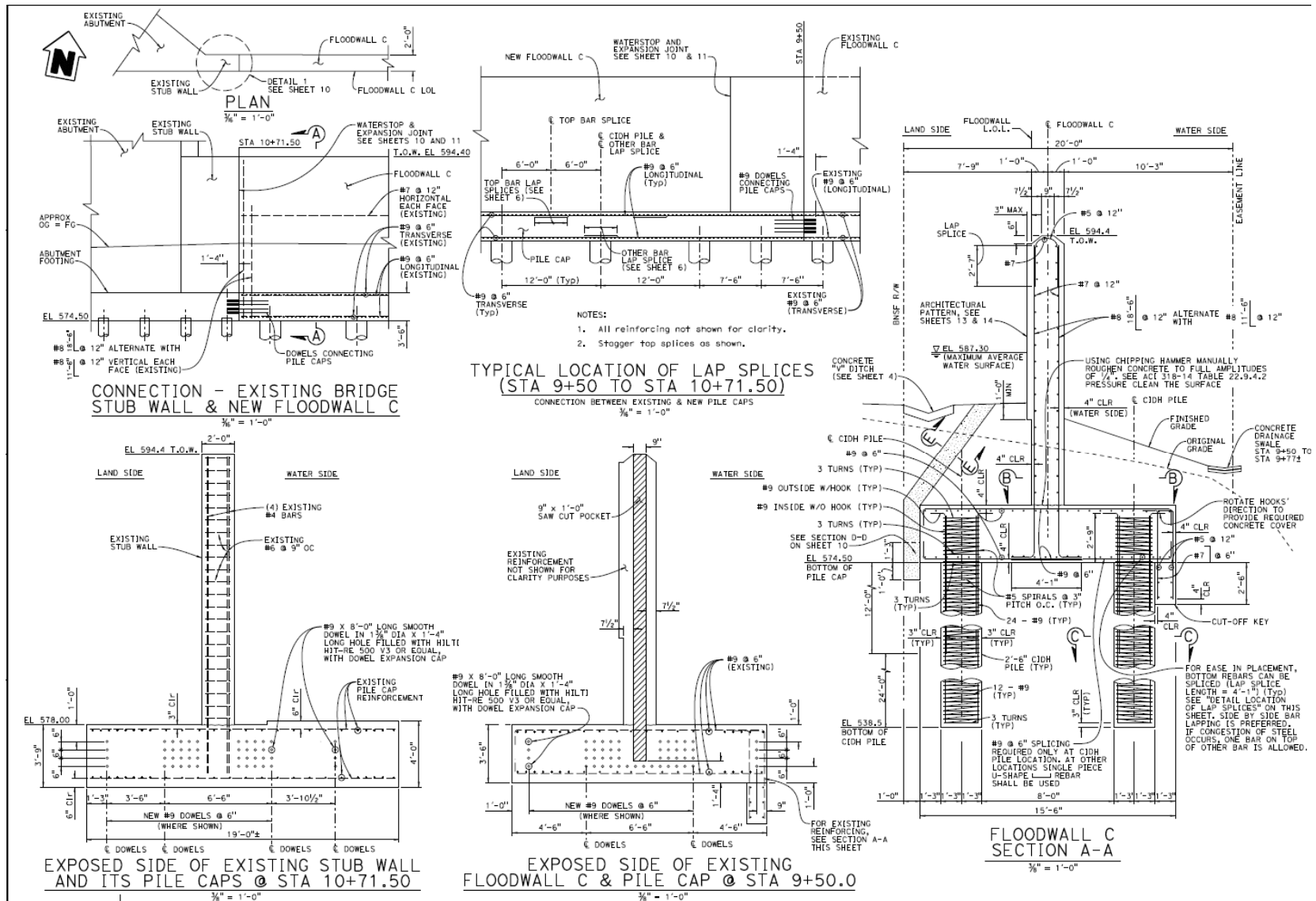
SECTION B-B
 LAND SIDE
 WATER SIDE
 9" X 1'-0" SAW CUT POCKET
 EXISTING REINFORCEMENT NOT SHOWN FOR CLARITY PURPOSES
 #9 @ 6" (EXISTING)
 NEW #9 DOWELS @ 6" (WHERE SHOWN)
 4'-6" 6'-6" 4'-6"
 EXPOSED SIDE OF EXISTING FLOODWALL C & PILE CAP @ STA 9+50.0
 3/4" = 1'-0"

NOTES:
 1. All reinforcing not shown for clarity.
 2. Stagger top splices as shown.

DETAILS:
 DETAIL 1: CONNECTION BETWEEN EXISTING BRIDGE STUB WALL & NEW FLOODWALL C. Shows the transition from the existing stub wall to the new floodwall, including reinforcement details and elevation markers (EL 574.50, EL 594.40).
 TYPICAL LOCATION OF LAP SPLICES: Shows the typical arrangement of reinforcement bars and lap splices for the floodwall between stations 9+50 and 10+71.50.
 SECTION A-A: Cross-section of the existing stub wall and its pile cap at station 10+71.50. Details the reinforcement, including #4 bars, #6 bars, and #9 dowels, and shows the connection to the new floodwall.
 SECTION B-B: Cross-section of the existing floodwall C and its pile cap at station 9+50.0. Details the reinforcement, including #9 bars, #6 bars, and #9 dowels, and shows the connection to the new floodwall.

New Floodwall,
deformed bars will
be used to connect
pile caps.

Existing
Floodwall



Existing Bridge
Abutment Wall,
extension. Smooth
dowles will be provided
a this location.