

AS-BUILT REPAIR QUANTITY TABLE

BENT 283

| CAP REPAIRS | | | |
|---------------------------|----------|--------|-------|
| SHOTCRETE REPAIRS | - SF | - CF | SF CF |
| EPOXY RESIN INJECTION | - LF | | LF |
| PILE REPAIRS | | | |
| PILE CONCRETE RESTORATION | 9.8 SF | 4.4 CF | SF CF |
| FRP PROTECTIVE SYSTEM AWL | 154.0 SF | | |
| FRP PROTECTIVE SYSTEM BWL | 66.0 SF | | |

BENT 284

| CAP REPAIRS | | | |
|---------------------------|----------|---------|-------|
| SHOTCRETE REPAIRS | - SF | - CF | SF CF |
| EPOXY RESIN INJECTION | - LF | | LF |
| PILE REPAIRS | | | |
| PILE CONCRETE RESTORATION | 34.4 SF | 14.6 CF | SF CF |
| FRP PROTECTIVE SYSTEM AWL | 263.1 SF | | |
| FRP PROTECTIVE SYSTEM BWL | 99.0 SF | | |

FOR CAP REPAIRS: VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 2" CL. TO SAWCUT. SEE REPAIR DETAILS.

NOTES:
REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE CONTRACTOR SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

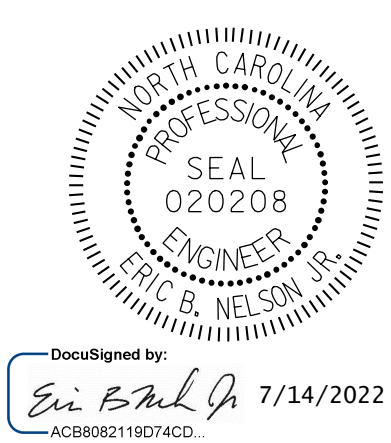
FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.
FOR CONCRETE REPAIR DETAILS, SEE "TYPICAL CAP, COLUMN & UNDERDECK REPAIR DETAILS" & "PILE CONCRETE RESTORATION DETAILS" SHEETS.
FOR PILE CONCRETE RESTORATION, SEE SPECIAL PROVISIONS.
FOR FRP PROTECTIVE SYSTEM, SEE SPECIAL PROVISIONS.
FOR FRP PROTECTIVE SYSTEM DETAILS AND UNDERWATER MORTAR REPAIRS, SEE "PILE FRP PROTECTIVE SYSTEM DETAILS" SHEET.

ESTIMATED PILE CRACK QTY. TABLE

| BENT | PILE | DIRECTION | | | | | | | |
|----------|--------|-----------|---|----|---|----|---|----|---|
| | | NW | W | SW | S | SE | E | NE | N |
| BENT 283 | PILE 1 | 3 | 3 | 4 | - | - | 4 | - | - |
| | PILE 2 | 1 | - | 3 | - | - | 2 | 6 | 4 |
| | PILE 3 | 6 | 9 | - | - | 4 | 6 | 6 | - |
| | PILE 4 | - | 2 | - | 3 | 4 | 3 | - | - |
| BENT 284 | PILE 1 | 2 | 5 | - | - | - | 6 | 4 | 5 |
| | PILE 2 | 2 | 2 | 3 | - | 6 | 4 | 6 | - |
| | PILE 3 | 3 | - | - | 3 | - | - | - | - |
| | PILE 4 | 5 | 5 | - | - | - | - | 6 | - |
| | PILE 5 | 6 | - | - | - | 4 | - | 6 | - |
| | PILE 6 | - | 3 | - | - | 7 | - | - | - |

NOTE: FOR INFORMATION ON PILE CONDITION ONLY.

PROJECT NO. HB-0017
DARE COUNTY
BRIDGE NO. 270009

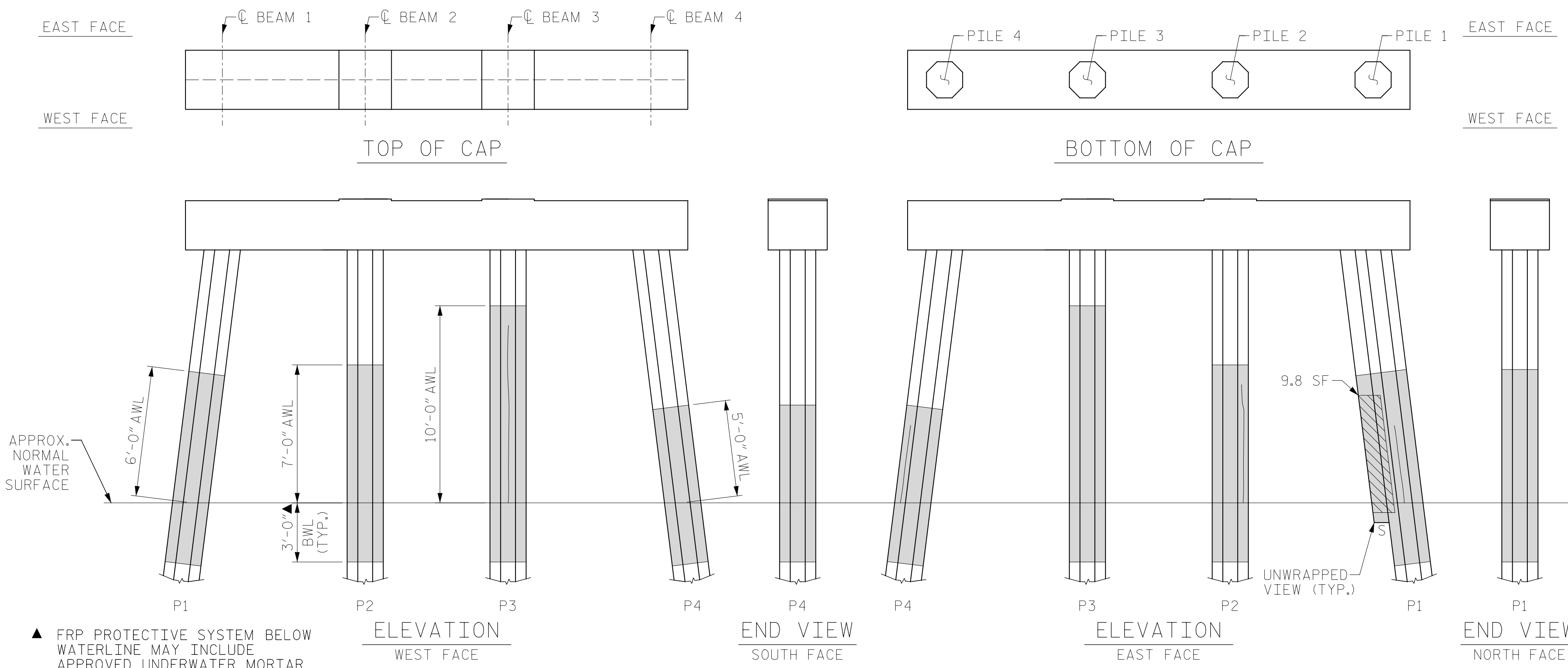


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BENT 283 & BENT 284

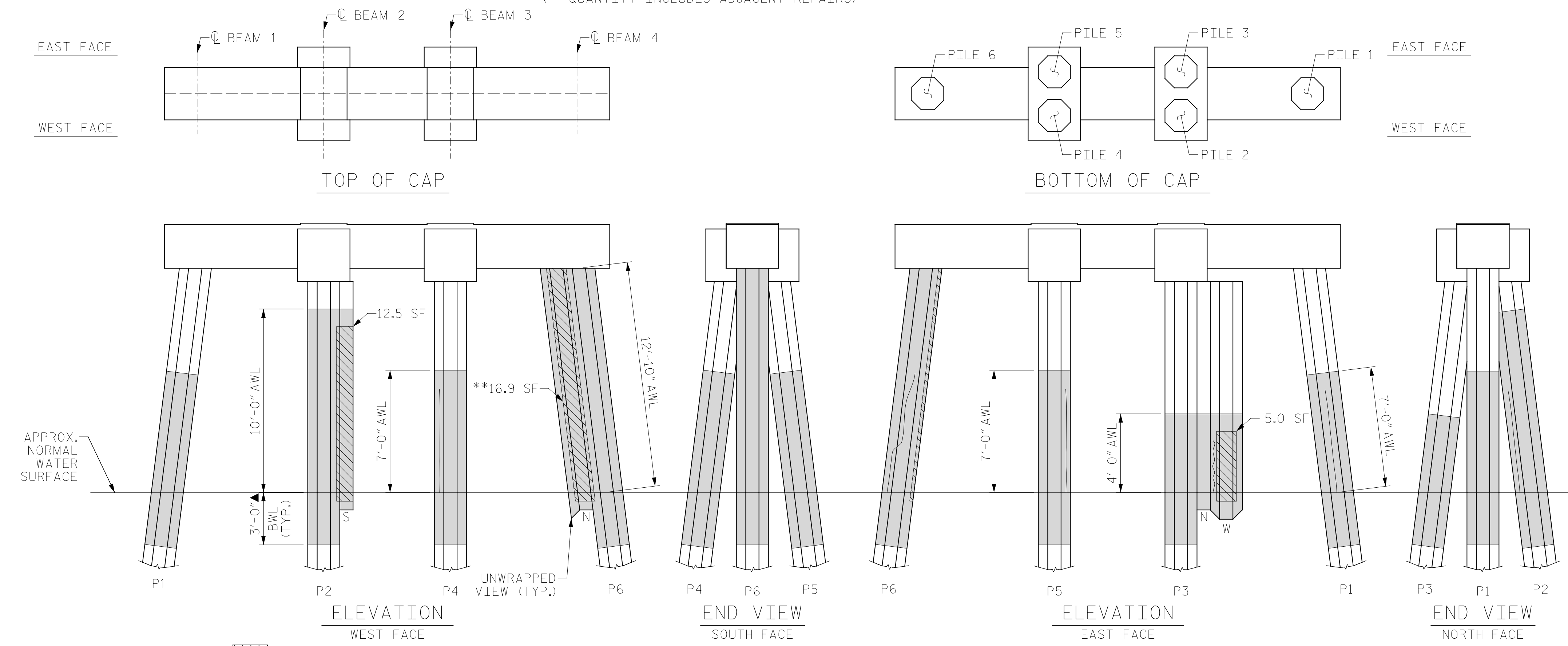
| REVISIONS | | | | | | SHEET NO. S-311 |
|-----------|-----|-------|-----|-----|-------|---------------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | |
| 1 | | | 3 | | | TOTAL SHEETS 355 |
| 2 | | | 4 | | | |

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



▲ FRP PROTECTIVE SYSTEM BELOW WATERLINE MAY INCLUDE APPROVED UNDERWATER MORTAR REPAIRS

(AWL = ABOVE WATERLINE) (BWL = BELOW WATERLINE)
(** QUANTITY INCLUDES ADJACENT REPAIRS)



ERI - EPOXY RESIN INJECTION
- FRP PROTECTIVE SYSTEM
- PILE CONCRETE RESTORATION
- SHOTCRETE REPAIRS

BENT 284

(AWL = ABOVE WATERLINE)
(BWL = BELOW WATERLINE)
(** QUANTITY INCLUDES ADJACENT REPAIRS)

DRAWN BY: T. HARTLEY DATE: 2/2019
CHECKED BY: J. FARNHAM DATE: 4/2019

