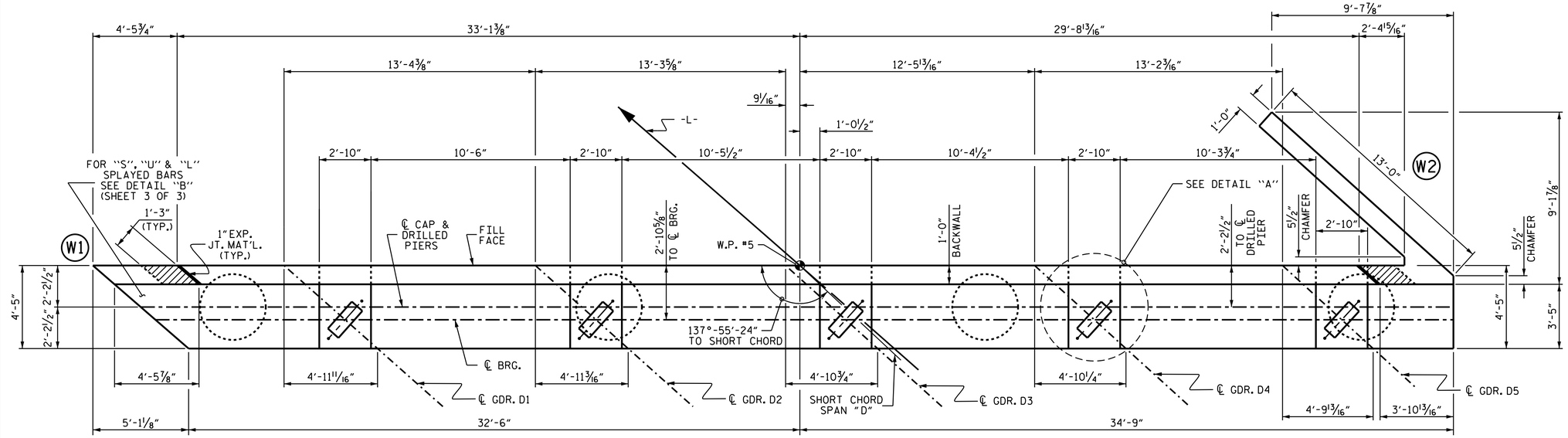
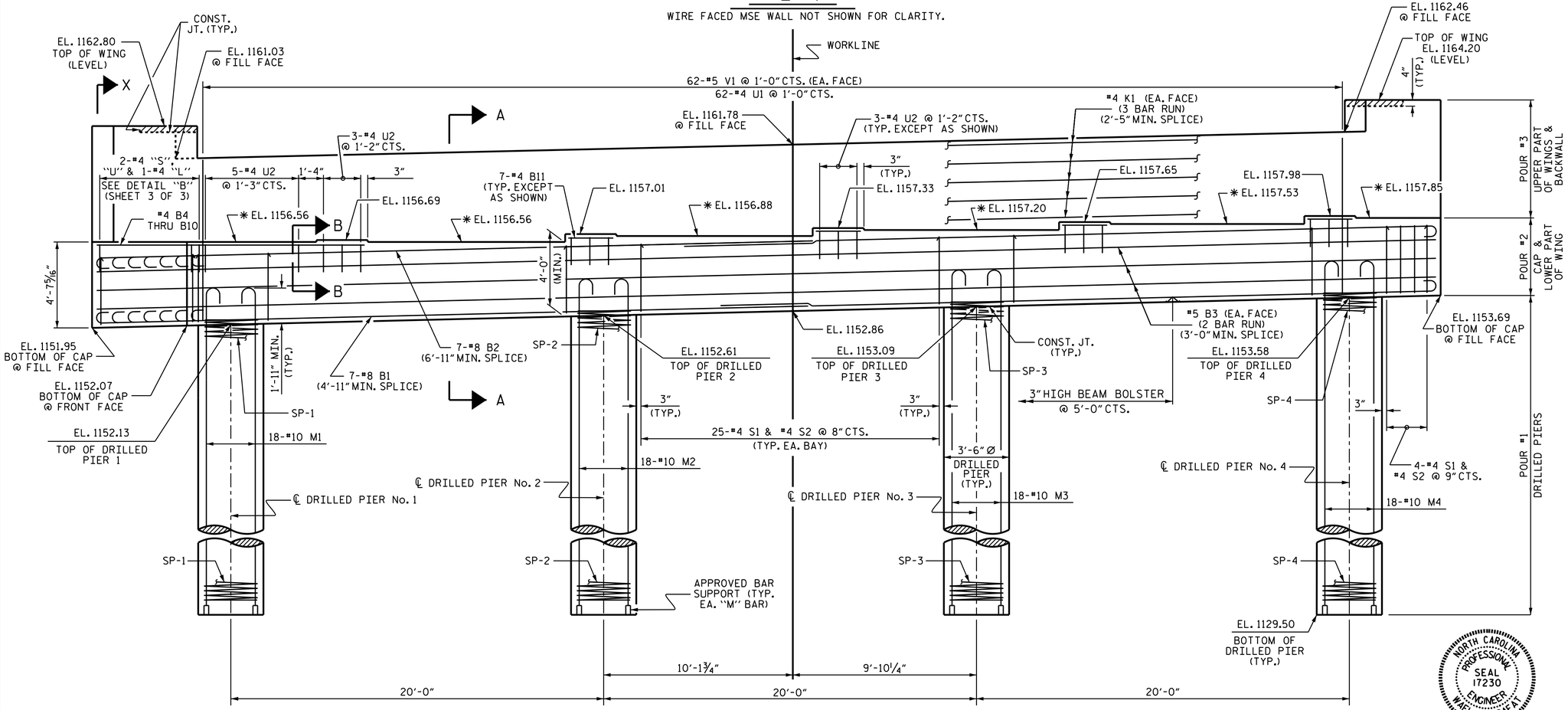


PLAN

WIRE FACED MSE WALL NOT SHOWN FOR CLARITY.



ELEVATION

WINGS NOT SHOWN FOR CLARITY.
FOR SECTION X-X SEE SHEET 2 OF 3.
FOR SECTION A-A & B-B SEE SHEET 3 OF 3.

NOTES

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

FOR WING DETAILS, SEE SHEET 2 OF 3.

HOOKS ON "M" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.

FOR DRILLED PIERS, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.

ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "REINFORCING STEEL" AND "SPIRAL DRILLED PIER REINFORCING STEEL."

BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

THE TOP SURFACE AREAS OF THE END BENT CAP SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.

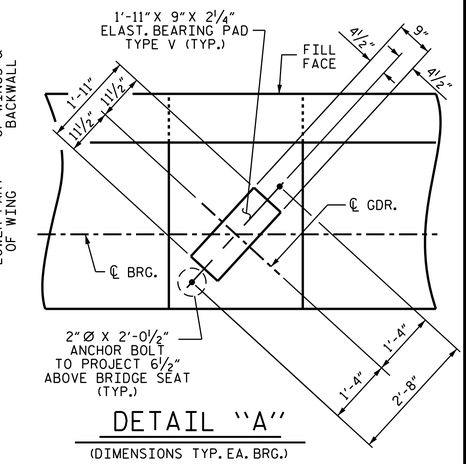
THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE LONGITUDINAL REINFORCEMENT FOR DRILLED PIERS IS DETAILED WITH 3 FEET OF EXTRA LENGTH.

SPLICING OF THE LONGITUDINAL BARS IN THE DRILLED PIER WILL NOT BE PERMITTED.

THE TOP SURFACE OF THE CAP EXCEPT THE BRIDGE SEAT BUILDUPS SHALL BE SLOPED TRANSVERSELY FROM THE FILL FACE TO THE BACK FACE AT THE RATE OF 2%.

THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

FOR WIRE FACED MSE WALL, SEE WALL PLANS.



DETAIL "A"

(DIMENSIONS TYP. EA. BRG.)

PROJECT NO. B-3673

MCDOWELL COUNTY

STATION: 29+38.00 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
END BENT No. 2

DRAWN BY : V.X. NGUYEN / J.P. MCCARTHA	DATE : 11-24-14
CHECKED BY : B.N. BARODAWALA	DATE : 12-12-14
DESIGN ENGINEER OF RECORD: A.M. LEE, PE	DATE : 1-13-15

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S-37
1			3					TOTAL SHEETS
2			4					43

NORTH CAROLINA PROFESSIONAL SEAL 17230 ENGINEER WAEL S. ARAFAT

DocuSigned by: Wael Arafat 4139C12A32AB406...

2/24/2015

24-FEB-2015 09:40
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warafat