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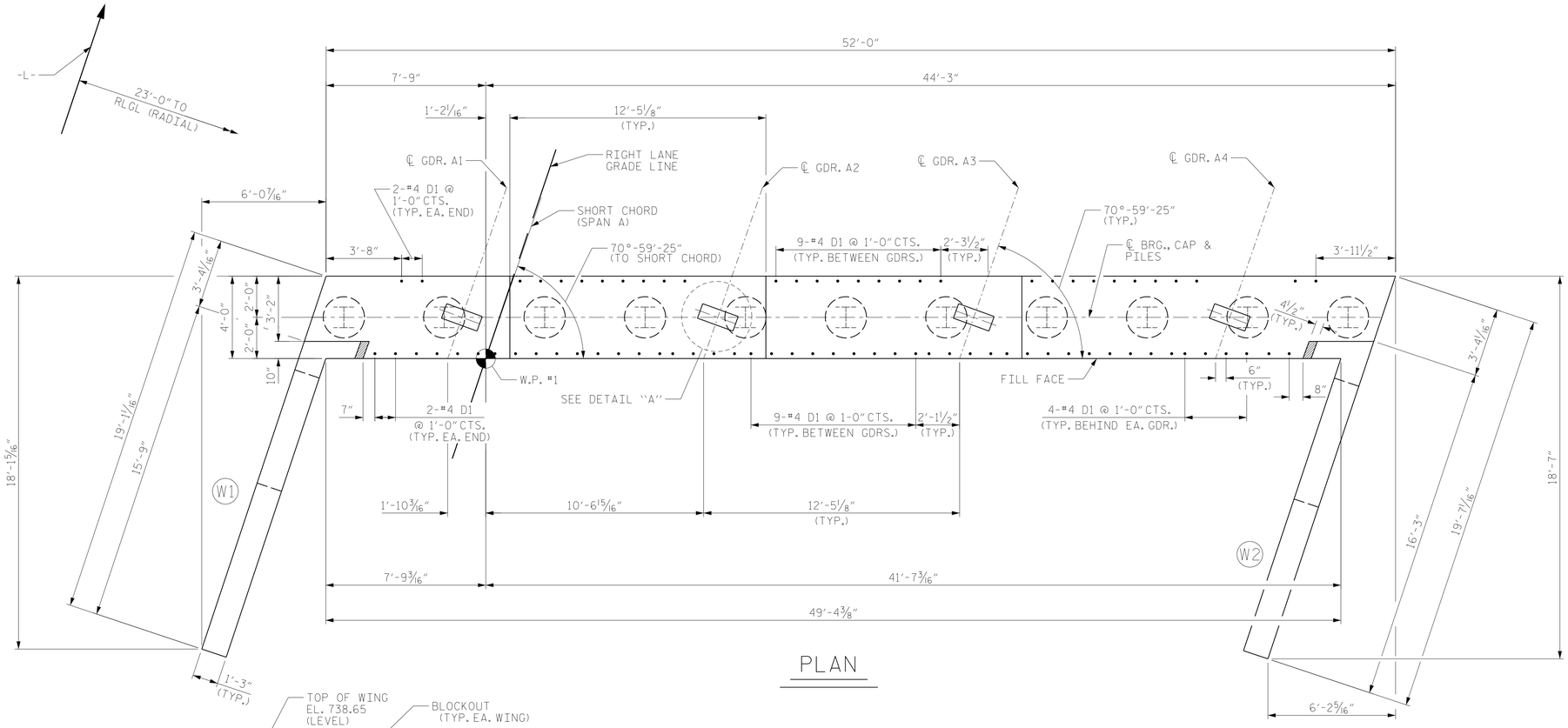
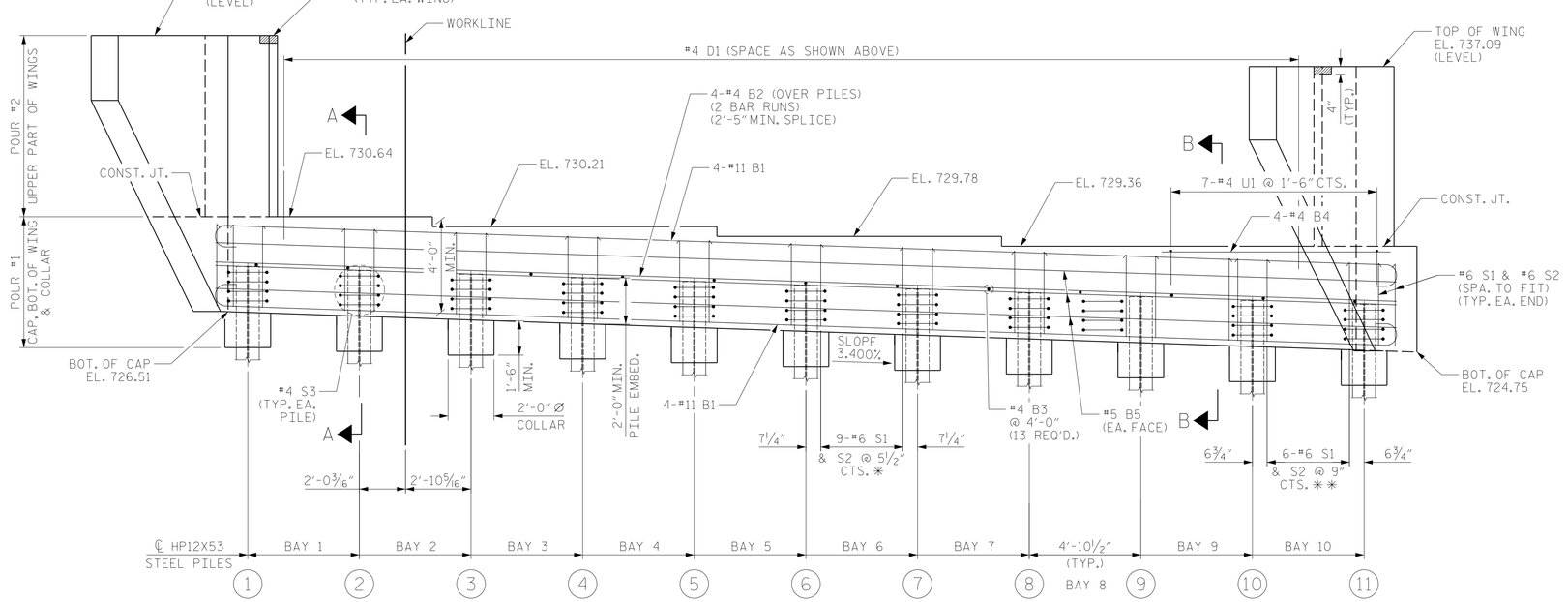


PLAN



ELEVATION

✳ = TYPICAL BAY 4 THRU BAY 7
✳✳ = TYPICAL BAY 1 THRU BAY 3 AND BAY 8 THRU BAY 10

NOTES

THE CONTRACTOR SHALL PROVIDE FOR INSTALLATION OF THE 4" DIAMETER DRAIN PIPE THROUGH THE WING WALL AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS, SEE THE ROADWAY PLANS. REINFORCING STEEL IN THE WING WALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.

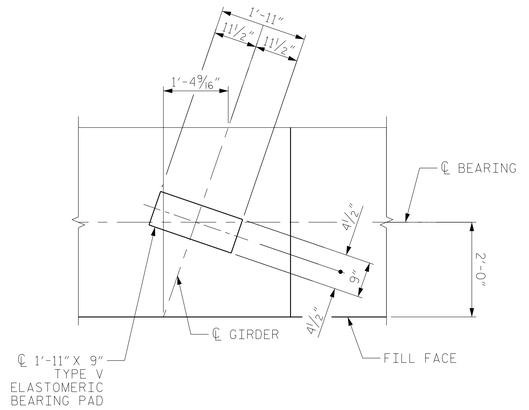
FOR SECTION A-A AND SECTION B-B, SEE SHEET 4 OF 4.

STIRRUPS MAY BE SHIFTED SLIGHTLY TO AVOID #4 D1 BARS IN CAP.

SEE SUPERSTRUCTURE SHEETS FOR UPPER PART OF INTEGRAL END BENT DETAILS.

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

RLGL = RIGHT LANE GRADE LINE



DETAIL "A"
DIMENSIONS TYP. EA. BRG. PILE NOT SHOWN FOR CLARITY

TOP OF PILE ELEVATIONS

PILE	ELEVATION
1	728.47
2	728.30
3	728.14
4	727.97
5	727.81
6	727.64
7	727.48
8	727.31
9	727.15
10	726.98
11	726.82

PROJECT NO. R-2707C
CLEVELAND COUNTY
STATION: 384+50.00 -L-

SHEET 1 OF 4

DRAWN BY : PDS DATE : 11/2016
CHECKED BY : TLC DATE : 01/2017
DESIGN ENGINEER OF RECORD: MAL DATE : 11/2016

3/8/2017
X:\P\1031709001 R-2707C Bridges\Structures\Working DGN\402_045_R2707C_SMU_E#23_S2-23.dgn
leblancm

NORTH CAROLINA PROFESSIONAL SEAL 039313 ENGINEER MARK ROBINSON
DocuSigned by:
3/9/2017

RS&H
RS&H Architects-Engineers-Planners, Inc.
8601 Six Forks Road, Suite 260
Raleigh, NC 27615
919-926-4100 FAX 919-846-9080
www.rsandh.com
North Carolina License Nos. 50073 * F-0493 * C-28

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

INTEGRAL END BENT NO. 1

RIGHT LANE

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-23
1			3			TOTAL SHEETS
2			4			36

STR. #2