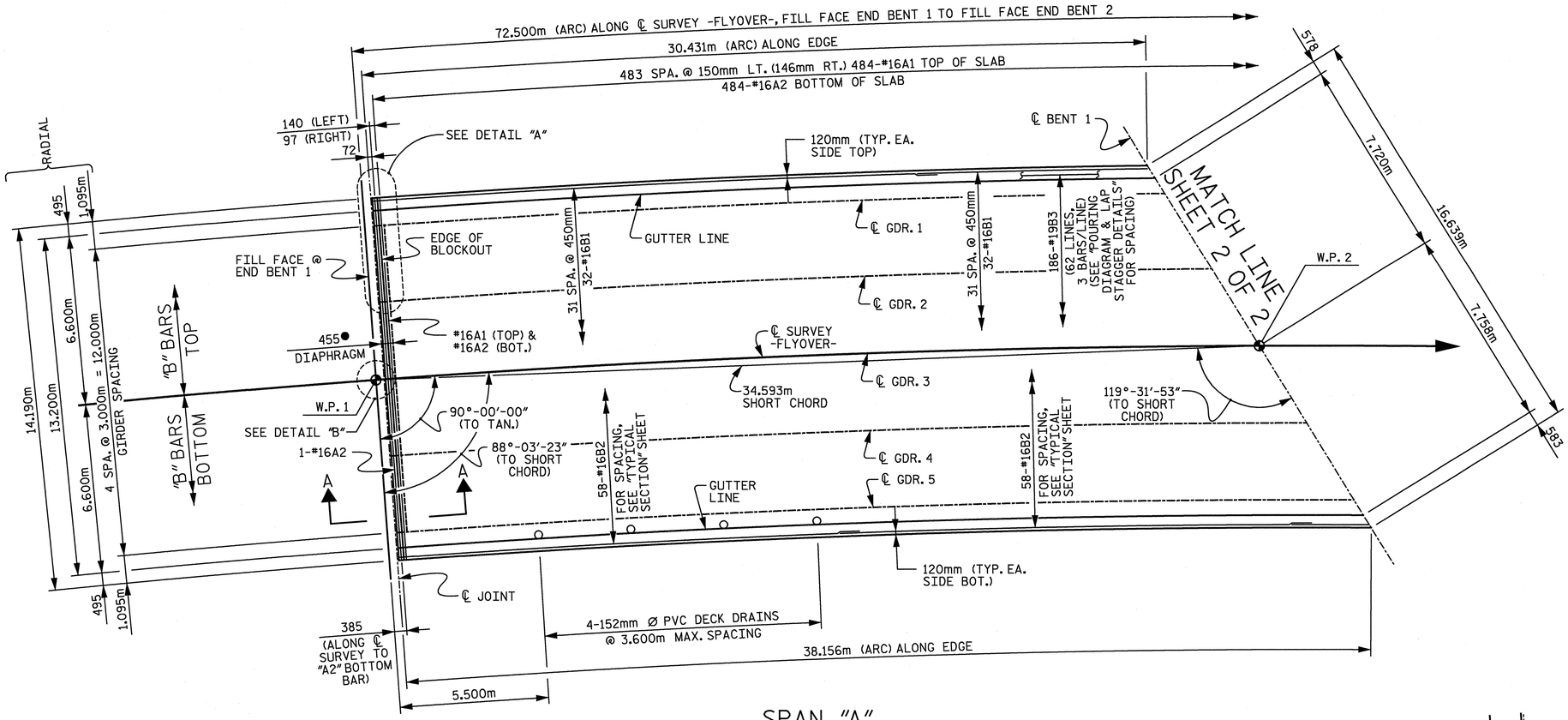
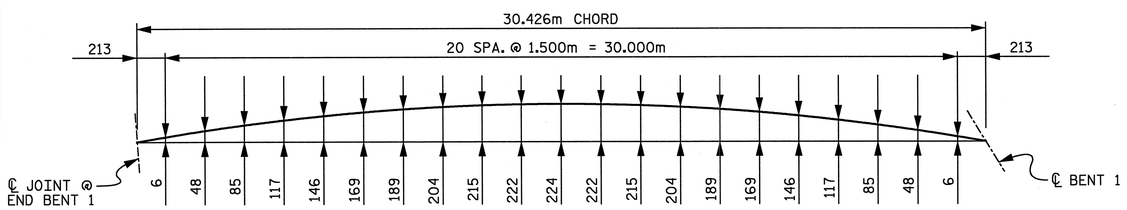
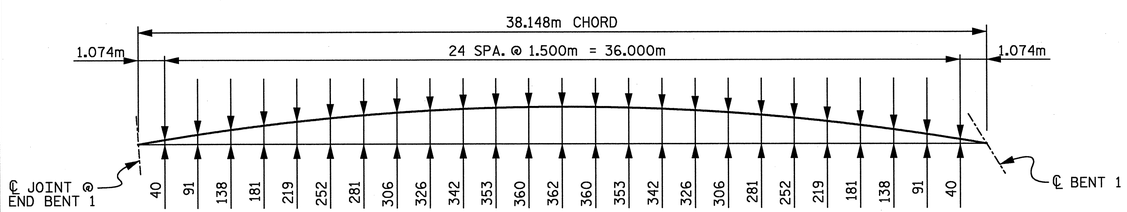


SPAN "A"

● AT 16°C

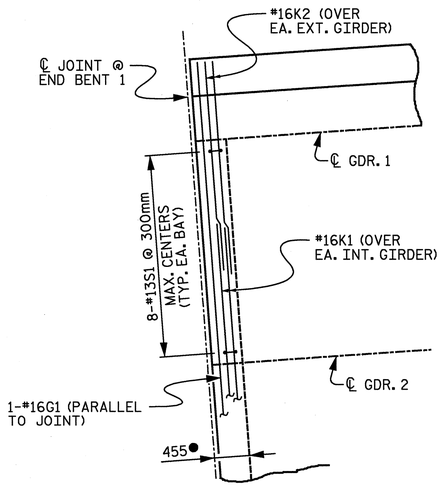


LEFT SIDE - EDGE OF SLAB



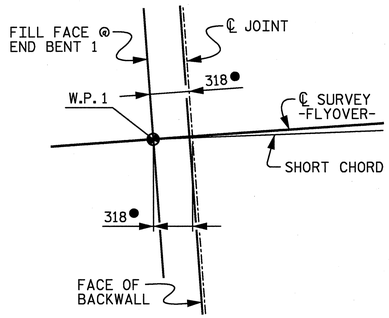
RIGHT SIDE - EDGE OF SLAB

ARC OFFSETS - SPAN "A"



DETAIL "A"

"A" AND "B" BARS NOT SHOWN



DETAIL "B"

NOTES :

1. FOR CONCRETE BARRIER RAIL DIMENSIONS, REINFORCEMENT AND JOINT SPACING, SEE "CONCRETE BARRIER RAIL" SHEETS.
2. FOR POURING SEQUENCE, & TRANSVERSE CONST. JOINT IN DECK SLAB, SEE "POURING DIAGRAM AND LAP STAGGER DETAILS" SHEET.
3. FOR SECTION A-A, SEE "TYPICAL SECTION" SHEET.
4. FOR TOP "B" BAR REINFORCING LAYOUT, SEE "POURING DIAGRAM AND LAP STAGGER DETAILS" SHEET.
5. FOR BOTTOM "B" BAR SPACING, SEE "TYPICAL SECTION" SHEET.
6. "A" BARS TO BE PLACED RADIALLY.
7. DIMENSIONS TO DECK DRAINS ARE MEASURED ALONG RIGHT EDGE OF SLAB.
8. REINFORCING MAY BE SHIFTED TO CLEAR DECK DRAINS.
9. TOP "A" BARS ADJACENT TO EXPANSION JOINTS SHALL BE SHIFTED AS NECESSARY TO PROVIDE 51mm MINIMUM CLEAR COVER TO EDGES OF BLOCKOUT.

PROJECT No. R-2552C

JOHNSTON COUNTY

STATION: POS 16+52.599 -Y4-
POC 9+28.021 -FLYOVER-

SHEET 1 OF 2

NORTH CAROLINA PROFESSIONAL SEAL 18165 ENGINEER MARK F. ROBBINS 2-23-05

NORTH CAROLINA PROFESSIONAL SEAL 26463 ENGINEER ZHUGANG LIU 2/23/05

RALPH WHITEHEAD ASSOCIATES, INC.
CONSULTING ENGINEERS
P.O. BOX 35624 CHARLOTTE, N.C. 28235

DRAWN BY LGH, DDL — DATE 8-04 — DWG. NO. D-1748.06
CHECKED BY TVR — DATE 9-04

REVISIONS	NO.	BY	DATE
	1		
	2		
	3		
	4		

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN OF SPANS
SPAN "A"

SHEET NO. S-461
TOTAL SHEETS 431

12:34:28 PM m:\proj\3109-300\USTATION\STRUCTS\Final\3109-300_Span_A.dgn 02/23/2005 david.lowery