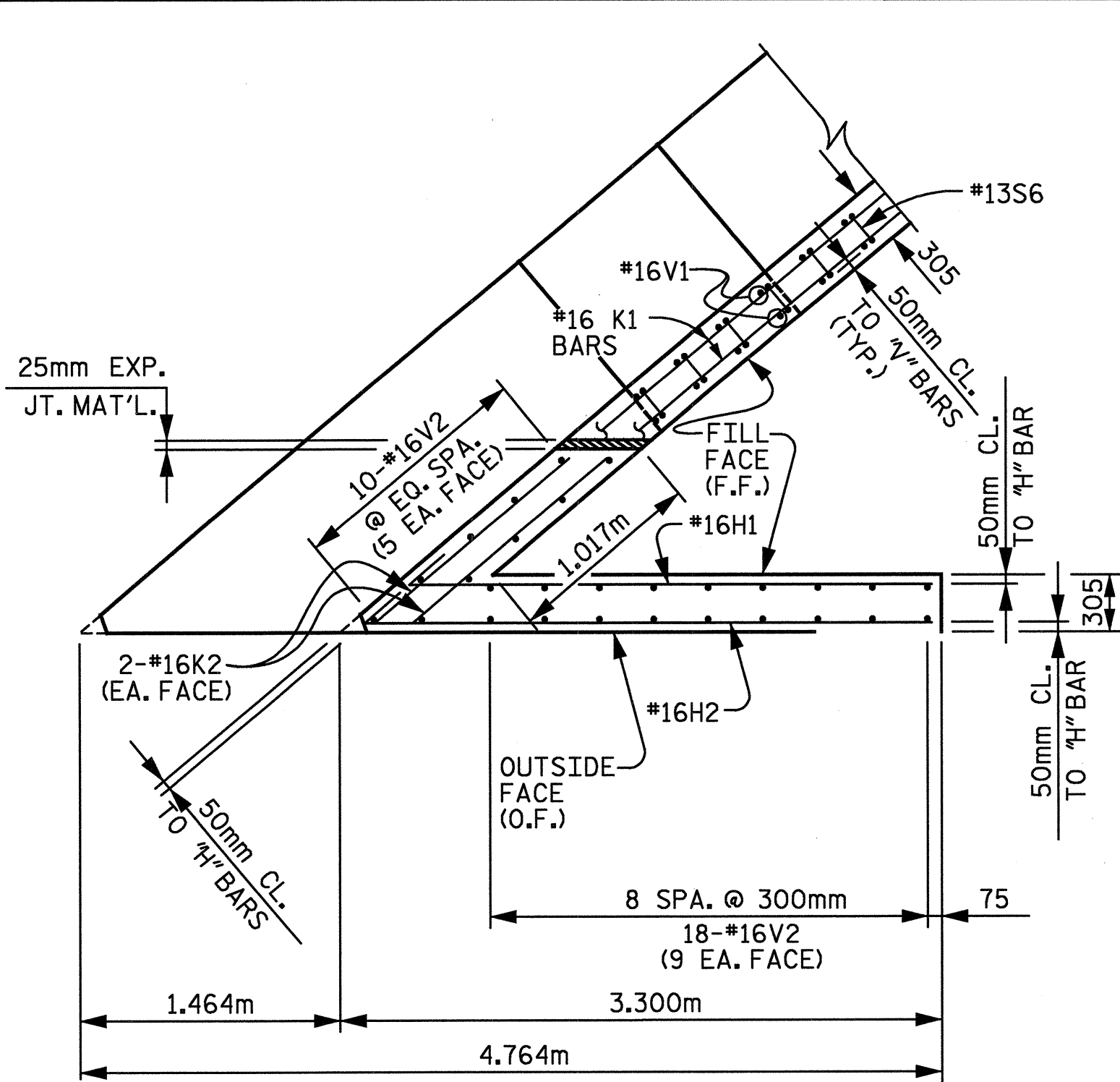
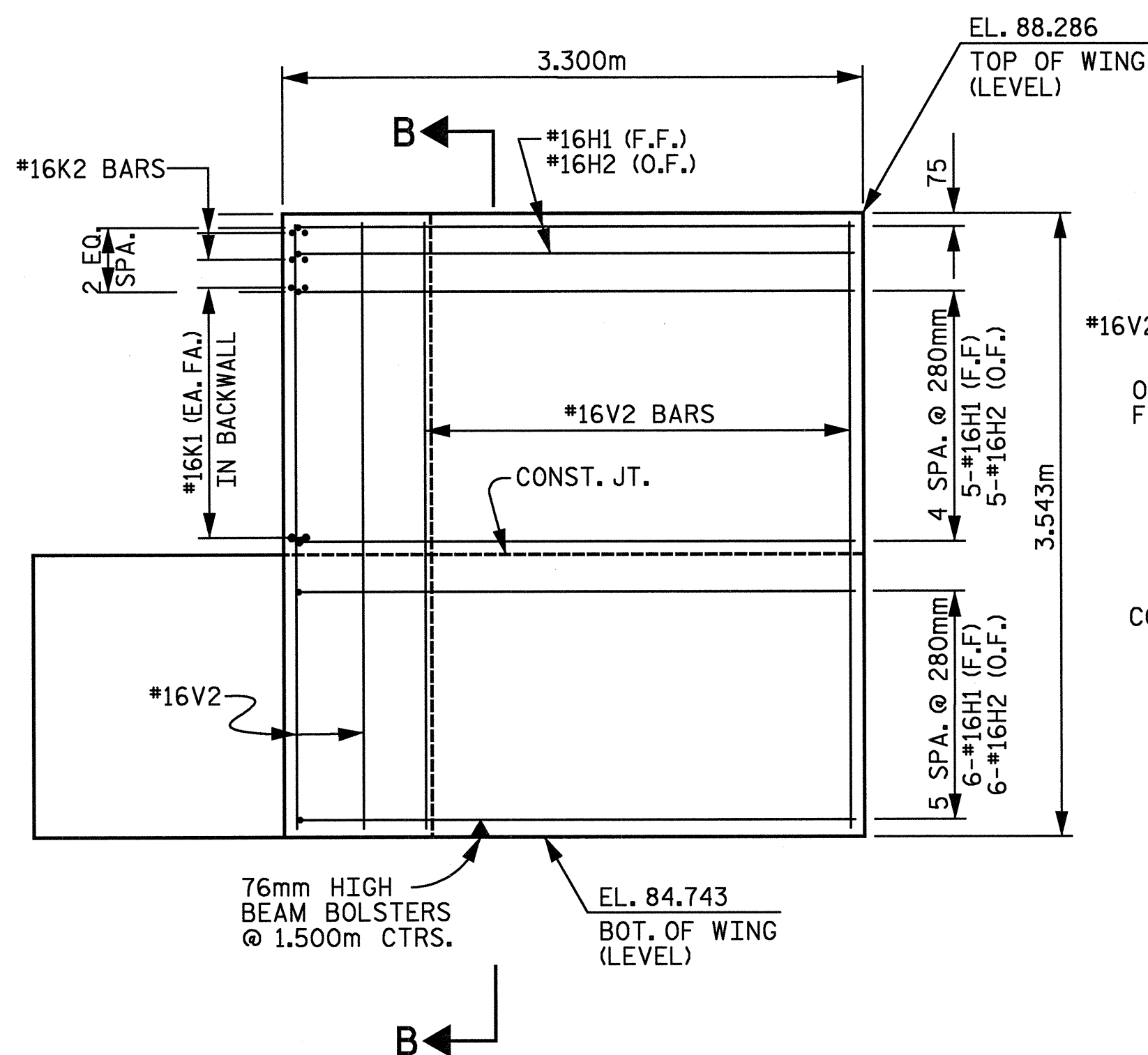


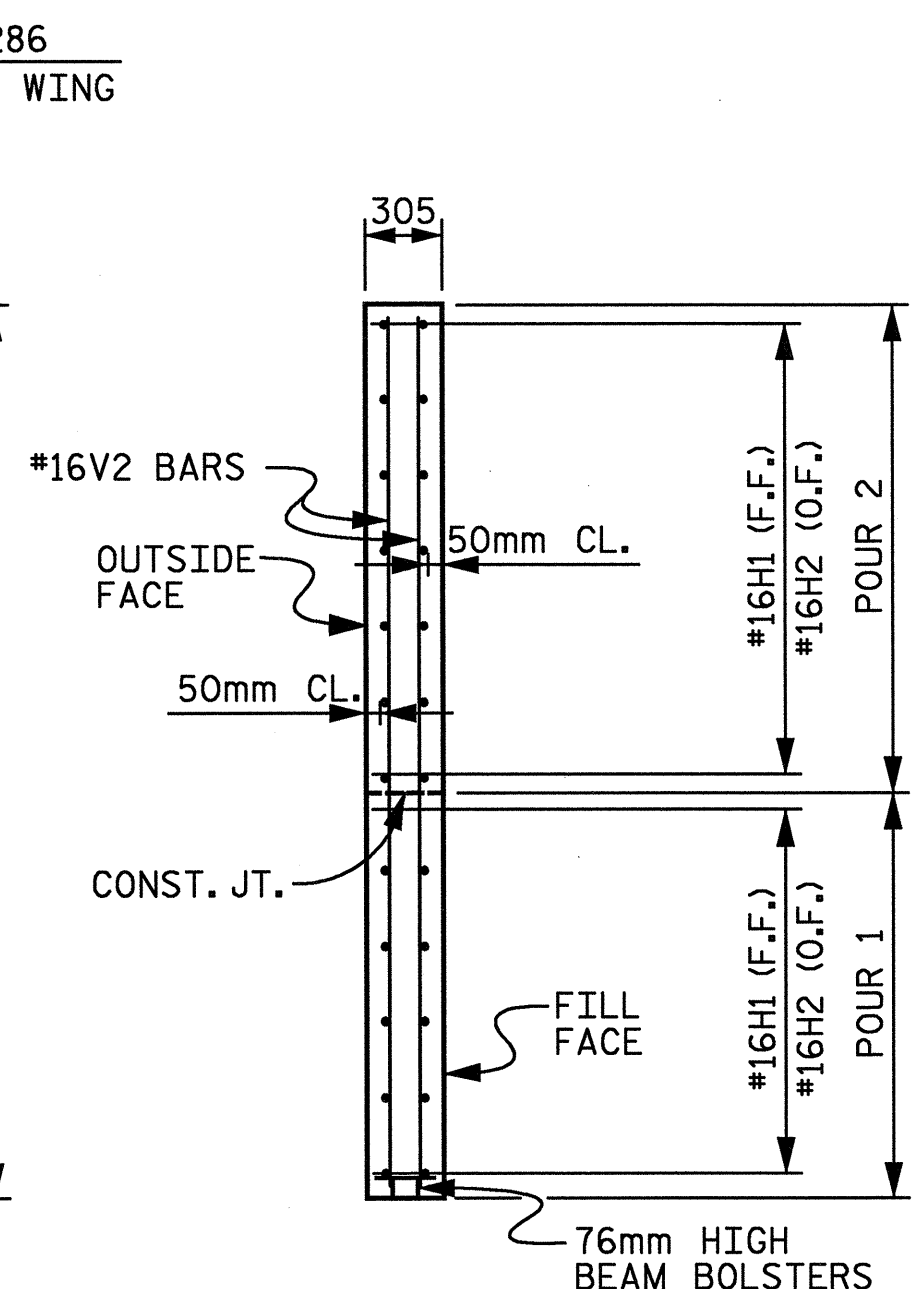
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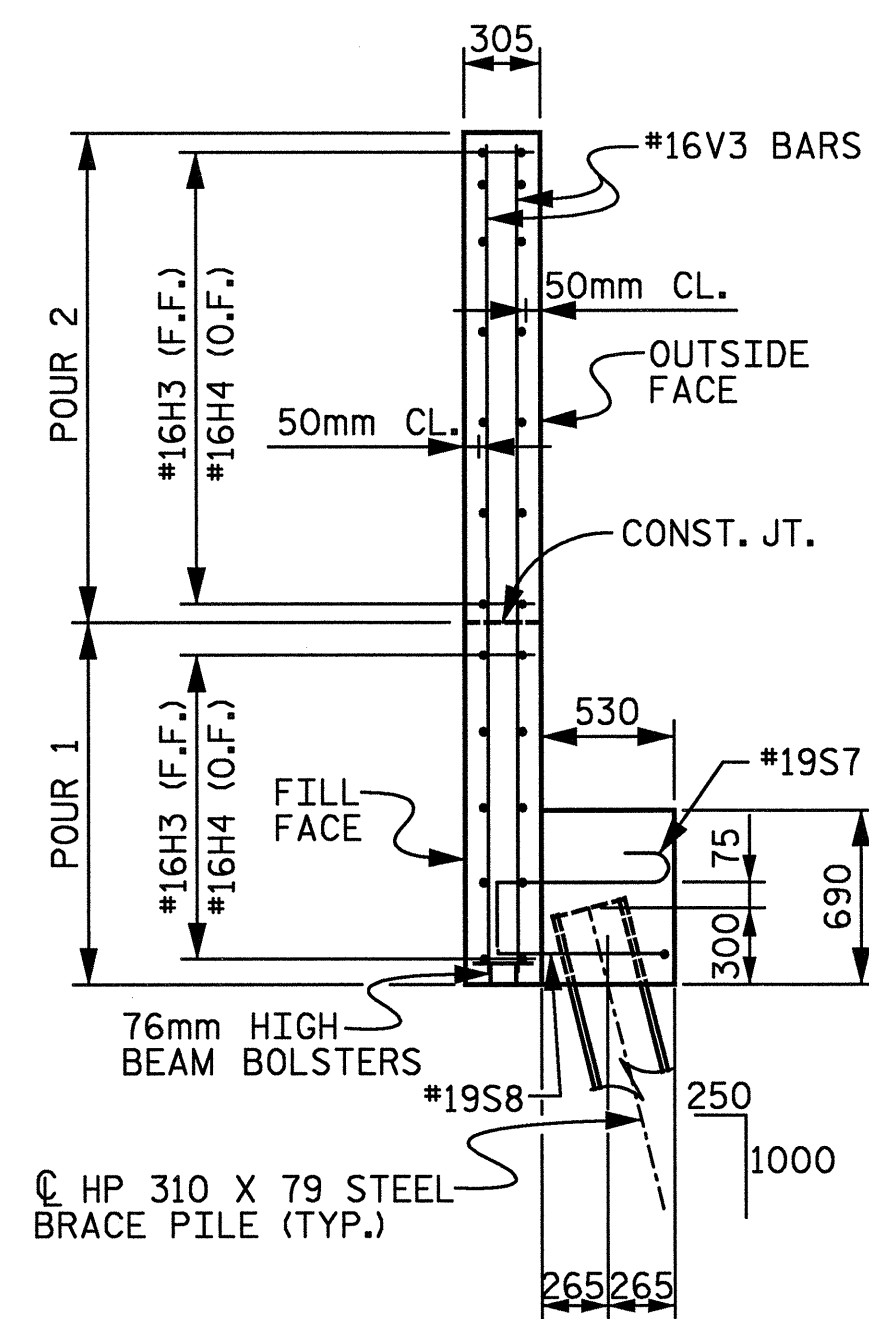
PLAN W1



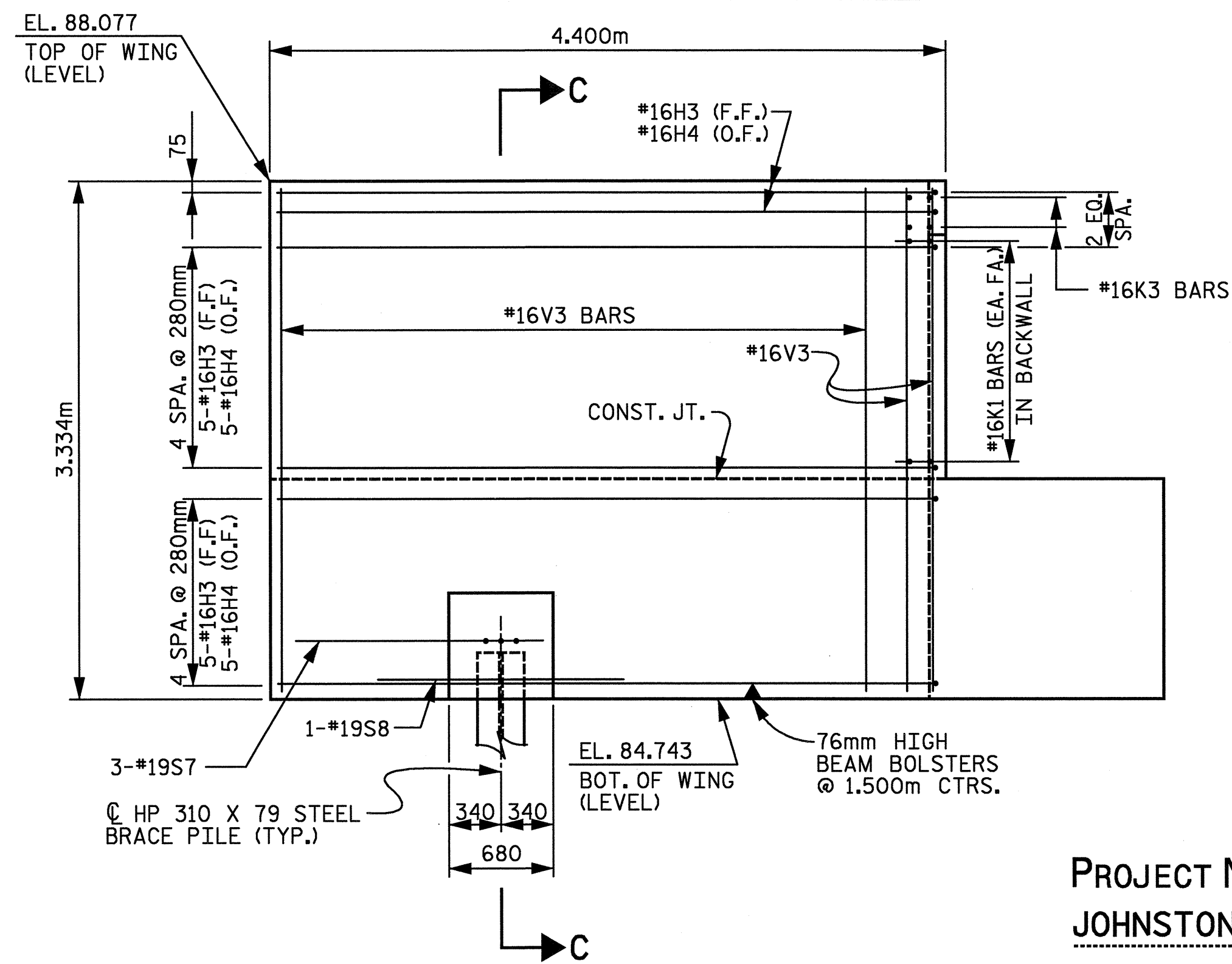
ELEVATION W1



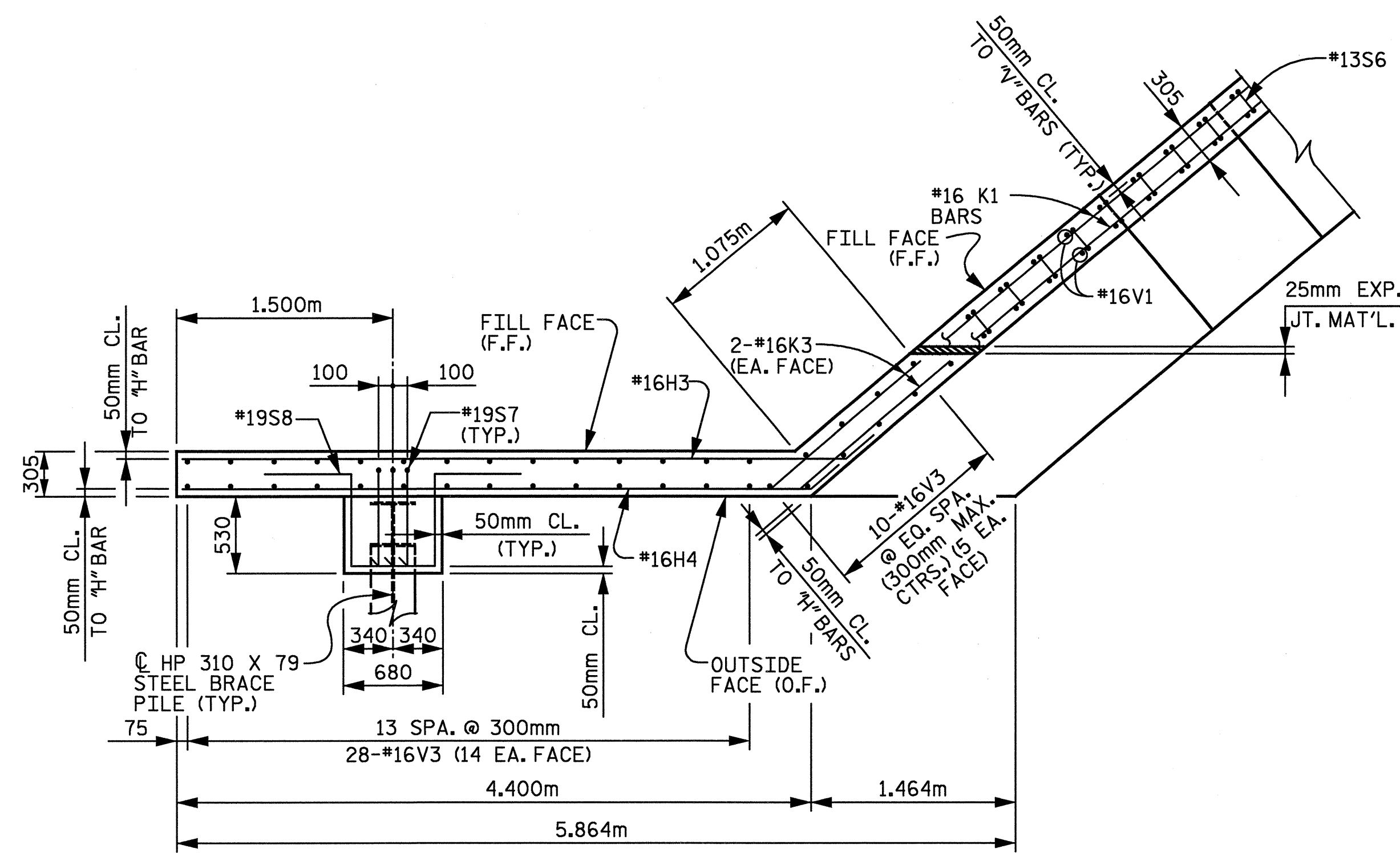
SECTION B-B



SECTION C-C



ELEVATION W2



PLAN W2

NOTES:

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR PIPE INSERTS.

FOR EPOXY PROTECTIVE COATING, SEE SPECIAL PROVISIONS.

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 THAT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.

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

FOR PIPE INSERTS DETAILS, SEE "POT BEARING DETAILS" SHEETS.

PILES SHALL BE DRIVEN TO A MINIMUM BEARING CAPACITY OF 530 KN EACH.

WHEN DRIVING PILES, THE MAXIMUM BLOW COUNT SHALL NOT BE EXCEEDED.

FOR OTHER NOTES, SEE "GENERAL DRAWING LOCATION SKETCH, FOUNDATION LAYOUT, GENERAL NOTES & TOTAL BILL OF MATERIAL" SHEETS.

THE CONTRACTOR SHALL PROVIDE FOR INSTALLATION OF THE 102mm Ø DRAIN PIPE THROUGH THE WING WALLS AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS, SEE ROADWAY PLANS. REINFORCING STEEL IN THE WING WALLS MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.

PROJECT NO. R-252C
 JOHNSTON COUNTY
 STATION: POT 148+08.446 -L2-
 POT 23+96.446 -Y4-

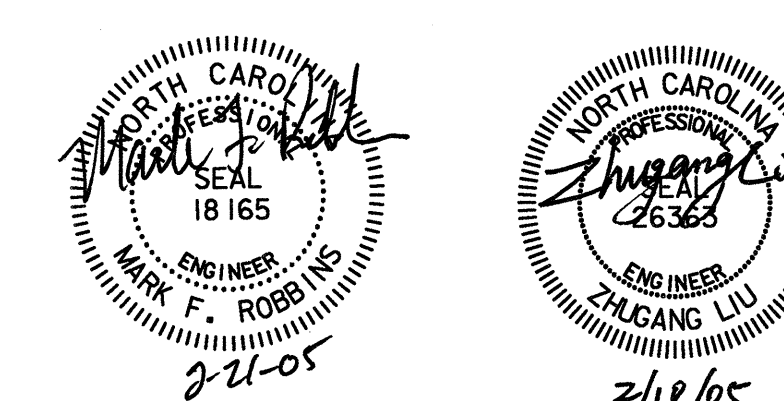
SHEET 2 OF 3

REVISIONS		DATE	
NO.	BY	DATE	DATE
1	J		
2			

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

END BENT 1
 -RIGHT LANE-

SHEET NO. 5-321
 TOTAL SHEETS 431



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

DRAWN BY: WBS DATE: 1-05 DWG. NO.:
 CHECKED BY: TVR DATE: 1-05 D-1750.24