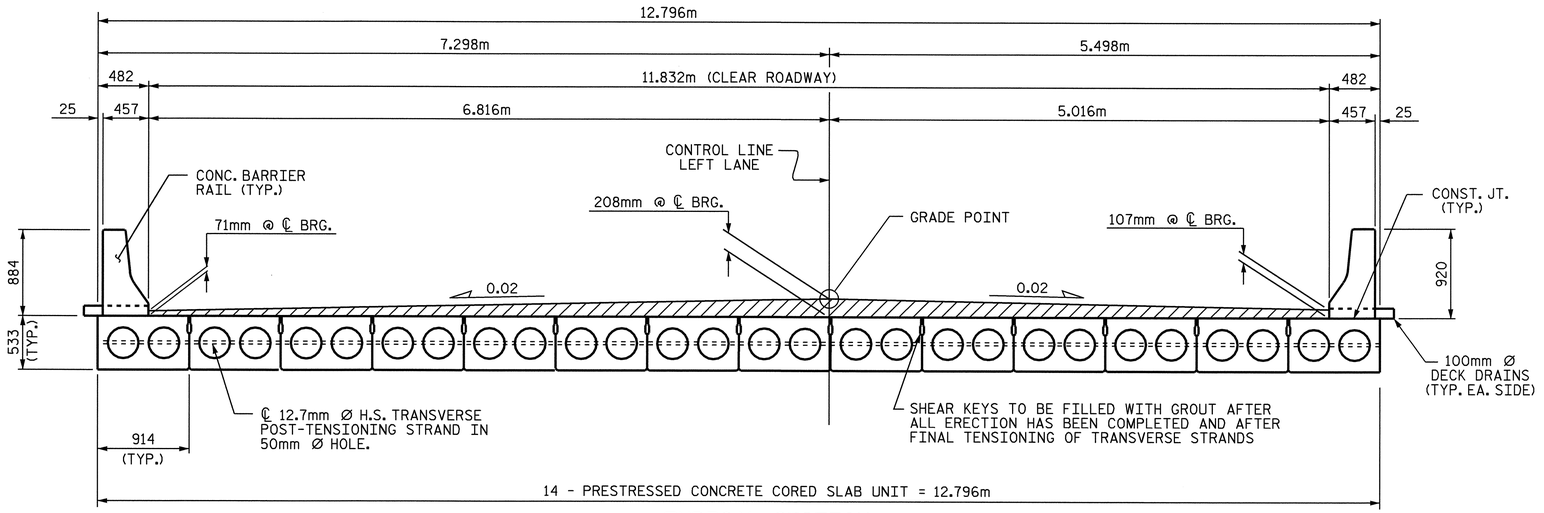
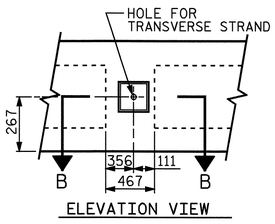
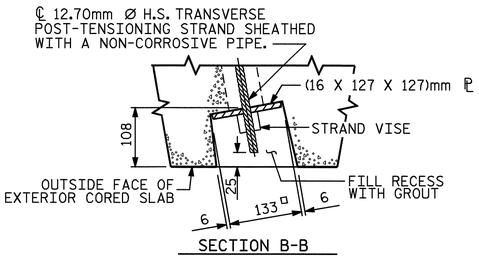


TYPICAL SECTION



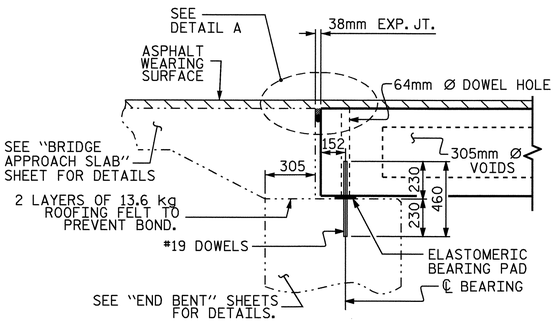
ELEVATION VIEW



SECTION B-B

GROUTED RECESS AT END OF POST-TENSIONED STRAND CORED SLABS

FIXED END

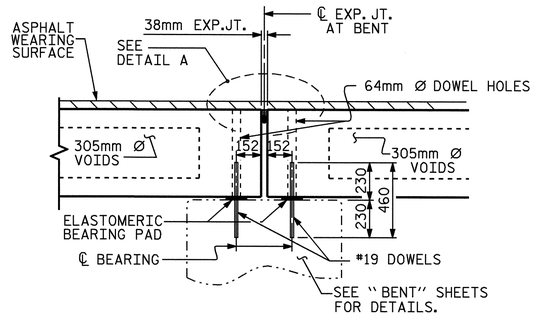


SECTION AT END BENT

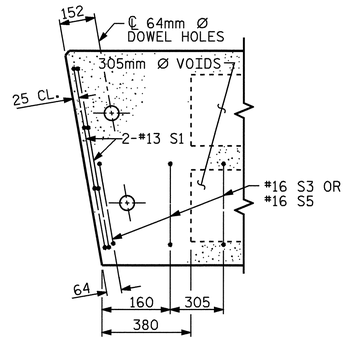
EXP. END FIXED END

EXP. END (BENT #1)

EXP. END (BENT #2)

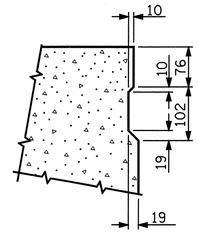


SECTION AT BENT



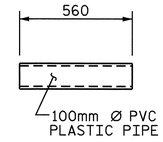
PART PLAN-EXTERIOR SECTION

NOTE: EXTERIOR SECTION SHOWN-INTERIOR SECTION SIMILAR EXCEPT OMIT S3 BARS.



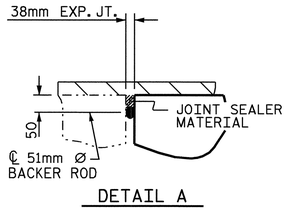
SHEAR KEY DETAIL

NOTE: OMIT SHEAR KEY ON OUTSIDE FACE OF EXTERIOR CORED SLABS.

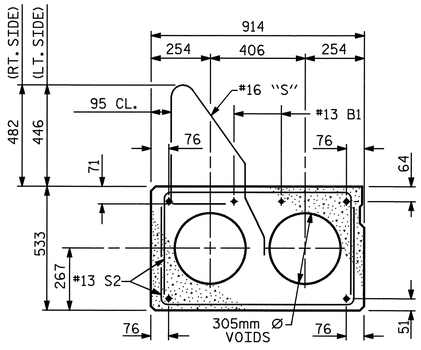


DRAIN DETAIL

(24 REQUIRED)

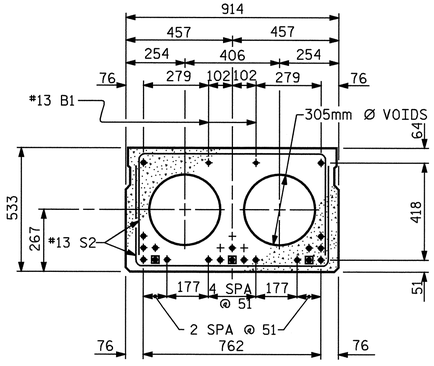


DETAIL A



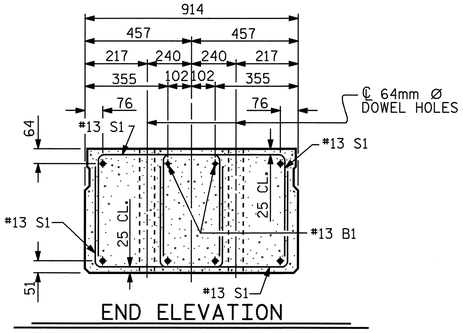
EXTERIOR SLAB SECTION

(FOR PRESTRESSED STRAND LAYOUT, SEE INTERIOR SLAB SECTION.)



INTERIOR SLAB SECTION

◆ BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF FOUR FEET FROM END OF CORED SLAB UNIT. SEEE STANDARD SPECIFICATIONS ARTCLE 1078-7.



END ELEVATION

SHOWING PLACEMENT OF DOUBLE STIRRUPS AND LOCATION OF DOWEL HOLES. (STRAND LAYOUT NOT SHOWN.) INTERIOR SLAB SECTION SHOWN-EXTERIOR SLAB SECTION SIMILAR EXCEPT SHEAR KEY LOCATION.

NORTH CAROLINA PROFESSIONAL SEAL 15825 ENGINEER BRUCE D. KLAPPENBACH
11-8-04

PROJECT NO. R-2514A

ONSLOW COUNTY

STATION: 182+87.400-L-MED

SHEET 1 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

914mm X 533mm PRESTRESSED CONCRETE CORED SLAB UNIT (LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-4
1			3			TOTAL SHEETS
2			4			46

DRAWN BY : M. G. SHAIKH DATE : 3-7-03
CHECKED BY : D. A. GLADDEN DATE : 4-28-03

STR. #1