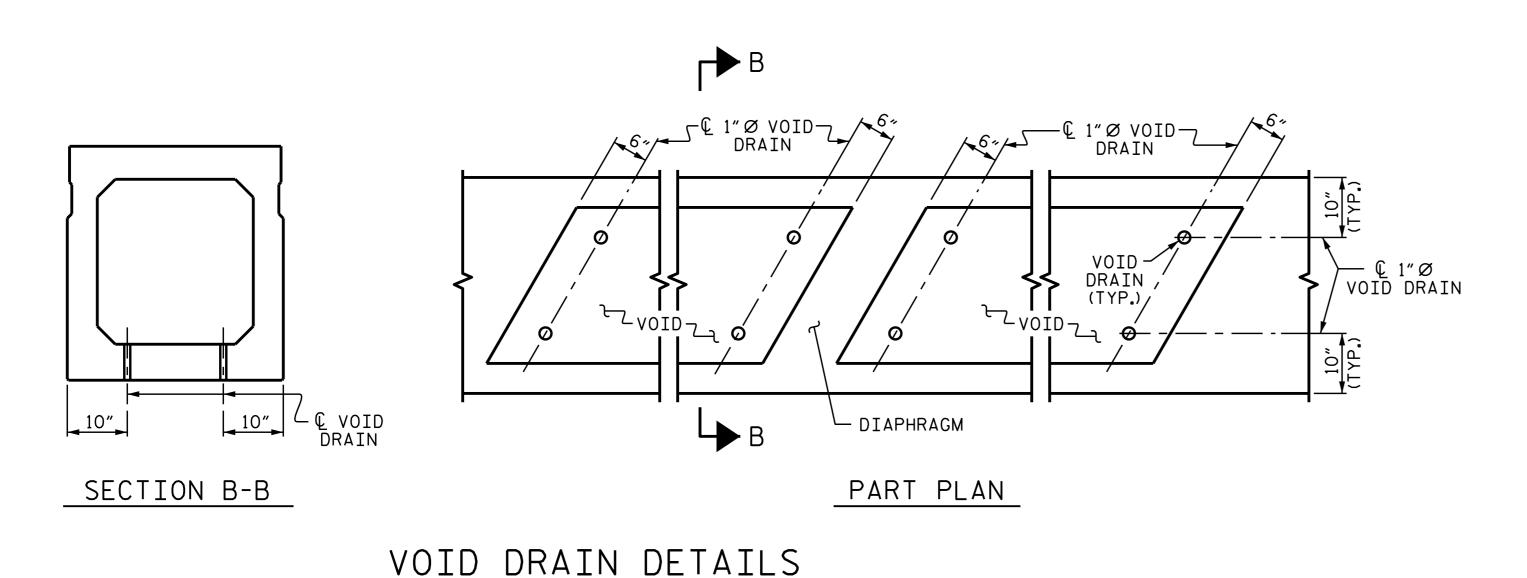
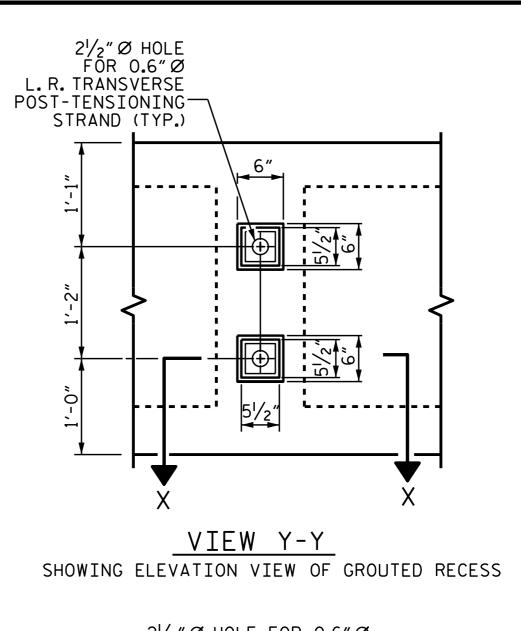
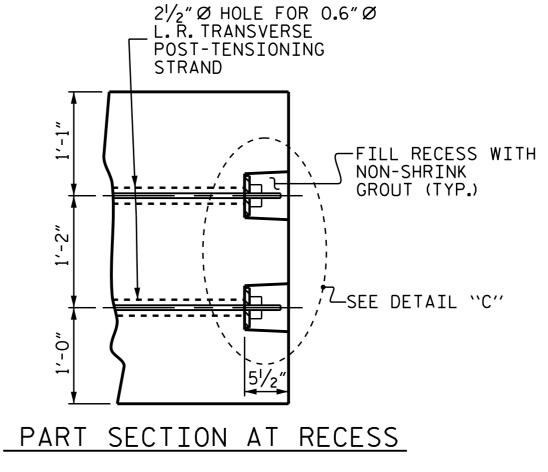


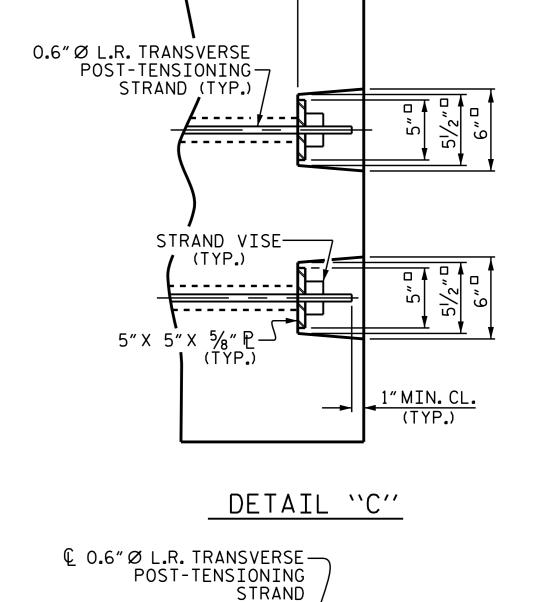
## DOUBLE DIAPHRAGM DETAILS

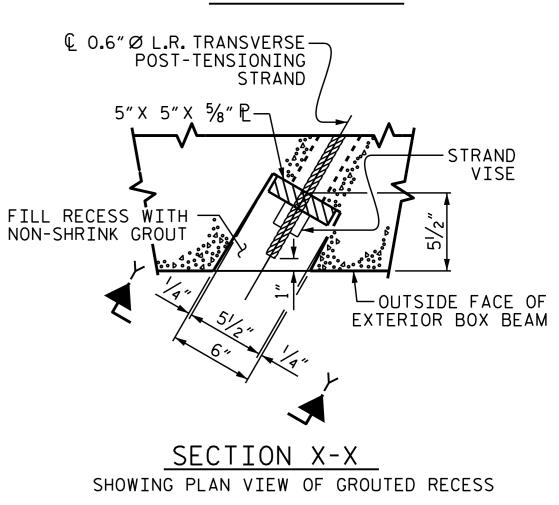
#4 "S" BARS NOT SHOWN. #4 "S" BARS MAY BE SHIFTED SLIGHTLY TO CLEAR 21/2" Ø HOLES.











## GROUTED RECESS DETAIL AT END OF POST-TENSIONED STRANDS OF EXTERIOR BOX BEAM

DEAD LOAD DEFLECTION AND	CAMBER
	3'-0" × 3'-3"
102'-81/16" BOX BEAM UNIT (NC & SE)	0.6″Ø L.R. STRAND
CAMBER (BEAM ALONE IN PLACE)	23/16"
DEFLECTION DUE TO ** SUPERIMPOSED DEAD LOAD	1 <mark>⅓<sub>16</sub>″ </mark>
FINAL CAMBER	l∕ <sub>8</sub> ″ <b>∤</b>

\*\* INCLUDES FUTURE WEARING SURFACE

BOX BEAM UNITS REQUIRED			
	NUMBER	LENGTH	TOTAL LENGTH
EXTERIOR B.B.	2	102′-8/ <sub>16</sub> "	205.344
INTERIOR B.B.	9	102′-81/16″	924.047
TOTAL	11		1129 <b>.</b> 391

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SHEET 4 OF 5

16301 CYCINEER

STANDARD

3'-0" X 3'-3" PRESTRESSED CONCRETE BOX BEAM UNIT

SHEET NO.

S-8

TOTAL SHEETS

DATE:

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ting Fang **REVISIONS** DATE:

3/22/2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

08-FEB-2016 15:38
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ASSEMBLED BY : H. B. DESAI CHECKED BY : D.J. POZOS

DRAWN BY : DGE II/II CHECKED BY : TMG II/II DATE :05-18-15 DATE :08-03-15

(DIMENSIONS SHOWN ARE TYPICAL FOR EACH VOID)