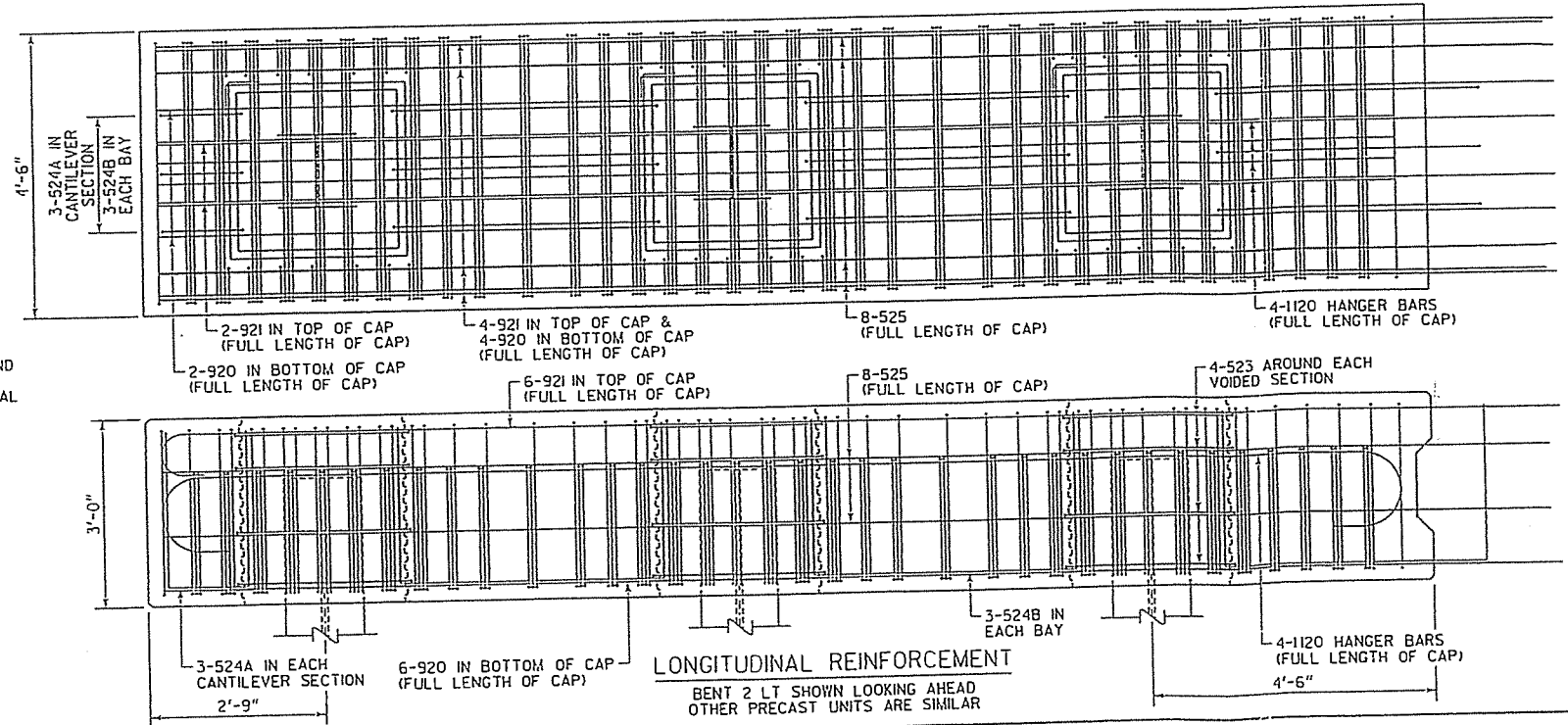
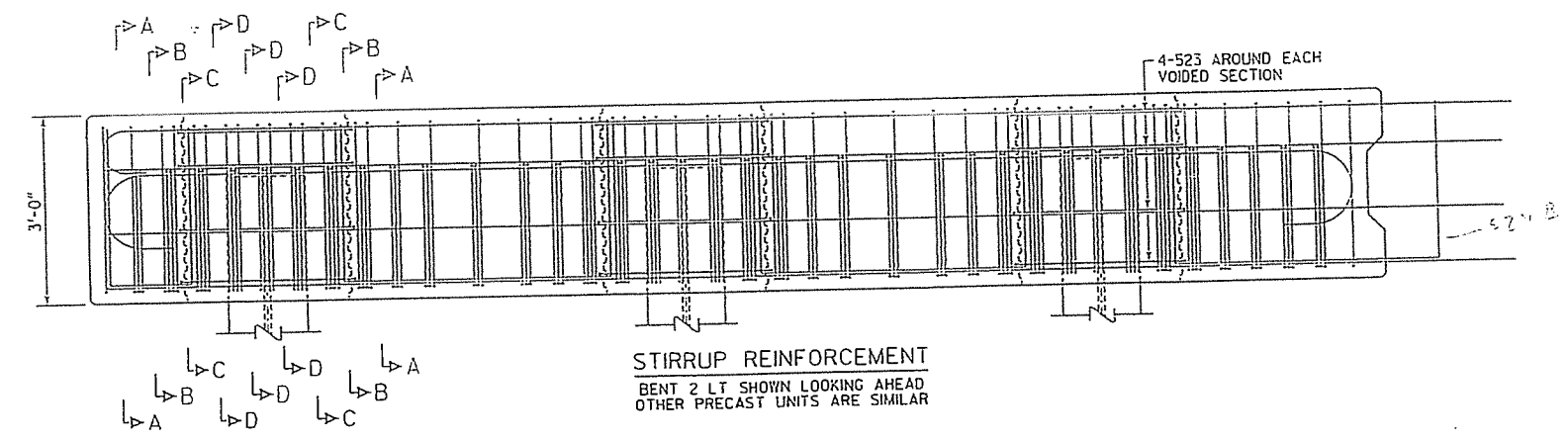
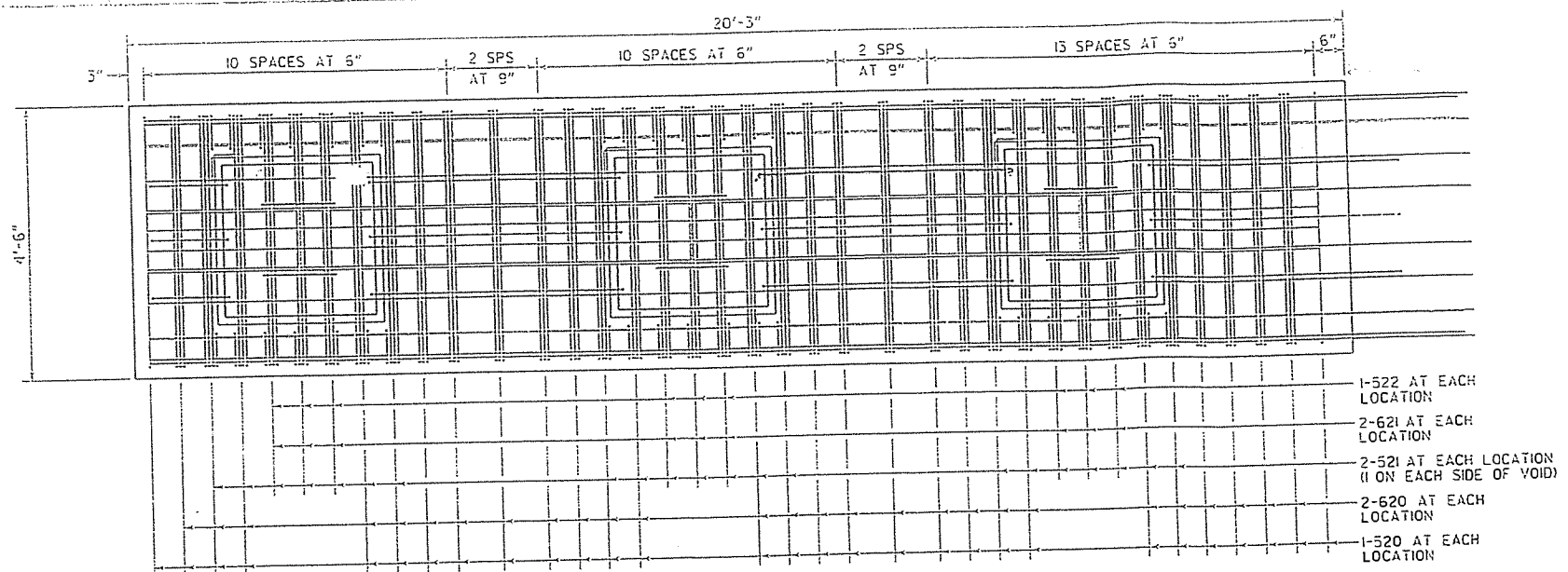


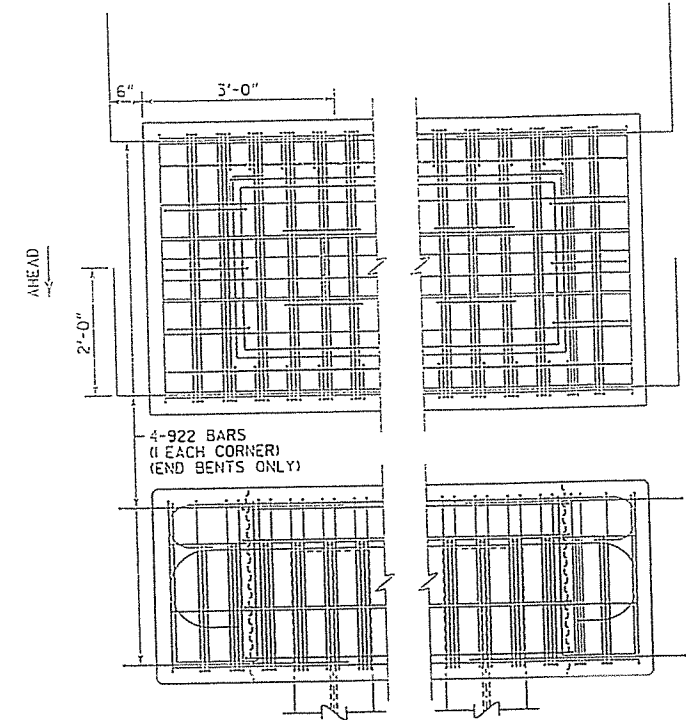


- | <u>BENT</u> | <u>PILES</u> | <u>MIN. TIP</u> |
|-------------|--------------|-----------------|
| 1 | 1-7 | 855 |
| 2 | 1-7 | 857 |
| 3 | 1-7 | 861 |
| 4 | 1-7 | 857 |

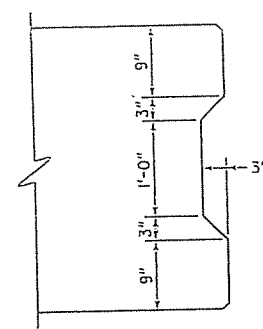
 1 INCH WHEN PRINTED FULL SIZE



NOTE: SEE END BENT DETAIL FOR ADDITIONAL BARS TO BE USED IN END BENT UNITS.



END BENT DETAIL
BENT 1 SHOWN
BENT 4 IS SIMILAR



SHEAR KEY DETAIL
NO SCALE

- NOTES**
1. MAINTAIN 2" CLEARANCE ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.
 2. SEE SHEET 4 OF 6 FOR CAP SECTION DETAILS.

BRIDGE NO. 1		260 PEACHTREE ST NW SUITE 800 ATLANTA, GA 30303 PHONE (678) 244-9730 FAX (770) 216-1734	
GWINNETT COUNTY DEPARTMENT OF TRANSPORTATION			
BENTS 1 - 4 (SHEET 3 OF 6)			
HARBINS RD OVER JACKSON CREEK			
GWINNETT COUNTY		F-1087-01	
SCALE: 3/4" = 1'-0" UNLESS NOTED		NOVEMBER 2016	
DESIGNED	JCR	CHECKED	JMK
DRAWN	JCR	COPIED	LUSON
GWINNETT CO.		GWINNETT CO.	

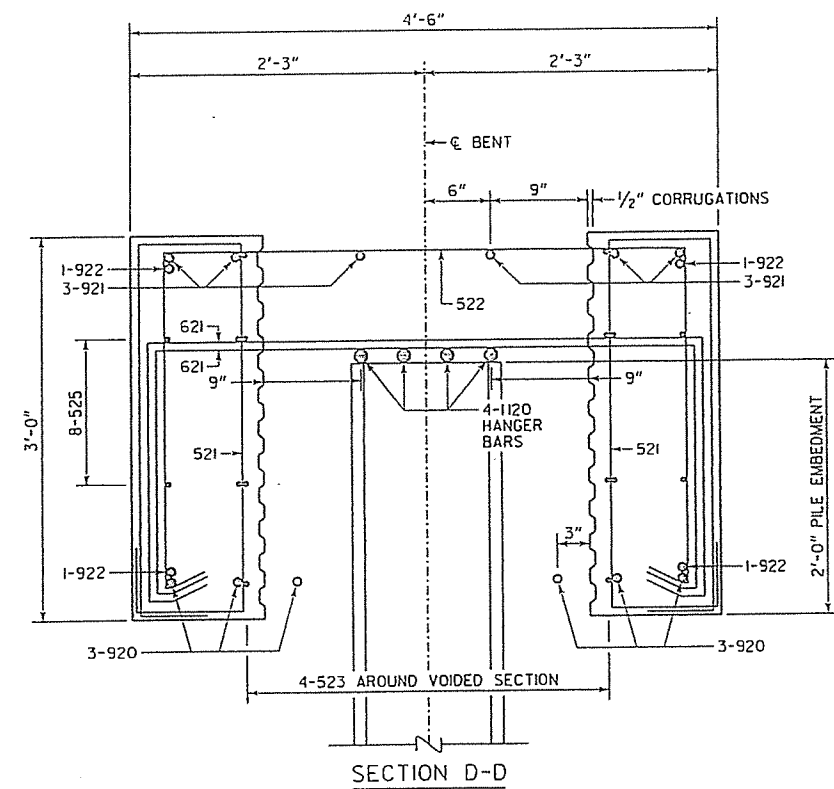
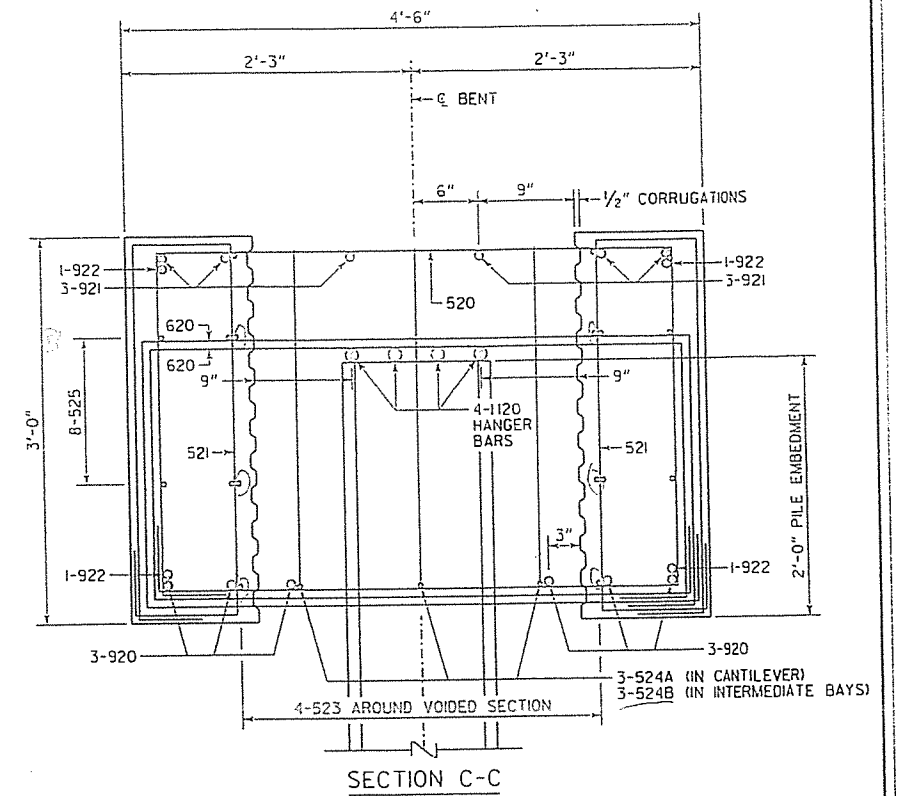
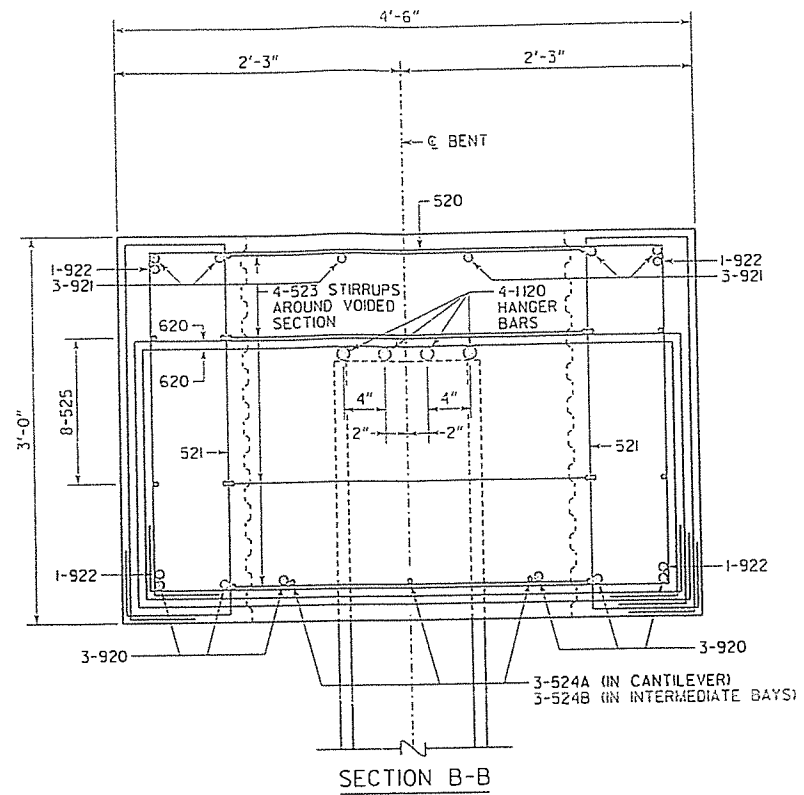
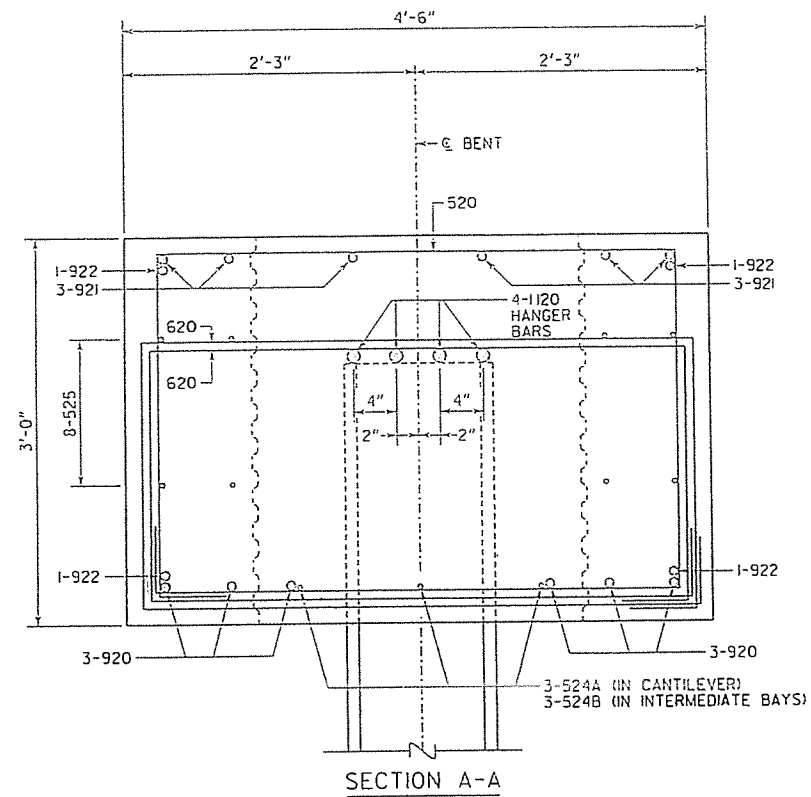
DRAWING NO.
35-011
BRIDGE SHEET
11 OF 16

1 INCH WHEN PRINTED FULL SIZE

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11/13/2016 12:24:27 PM

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	F-1087-01/F-1127-01	66	121



NOTES

1. MAINTAIN 2" CLEARANCE ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.
2. 922 BARS SHALL ONLY BE USED ON THE WINGWALL SIDE OF PRECAST END BENT UNITS. SEE END BENT DETAIL ON SHEET 3 OF 6.

BRIDGE NO. 1



260 PEACHTREE ST NW
SUITE 800
ATLANTA, GA 30303
PHONE (770) 244-9730
FAX (770) 215-1734

WINNETT COUNTY
DEPARTMENT OF TRANSPORTATION

BENTS 1 - 4 (SHEET 4 OF 6)

HARBINS RD OVER JACKSON CREEK

WINNETT COUNTY

F-1087-01

SCALE: 1 1/2" = 1'-0" UNLESS NOTED

NOVEMBER 2016

DRAWING NO.
35-012

BRIDGE SHEET
12 OF 16

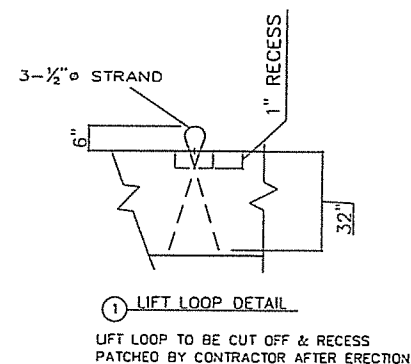
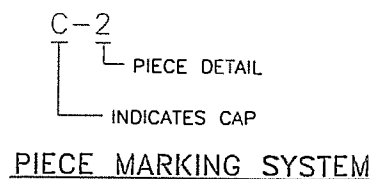
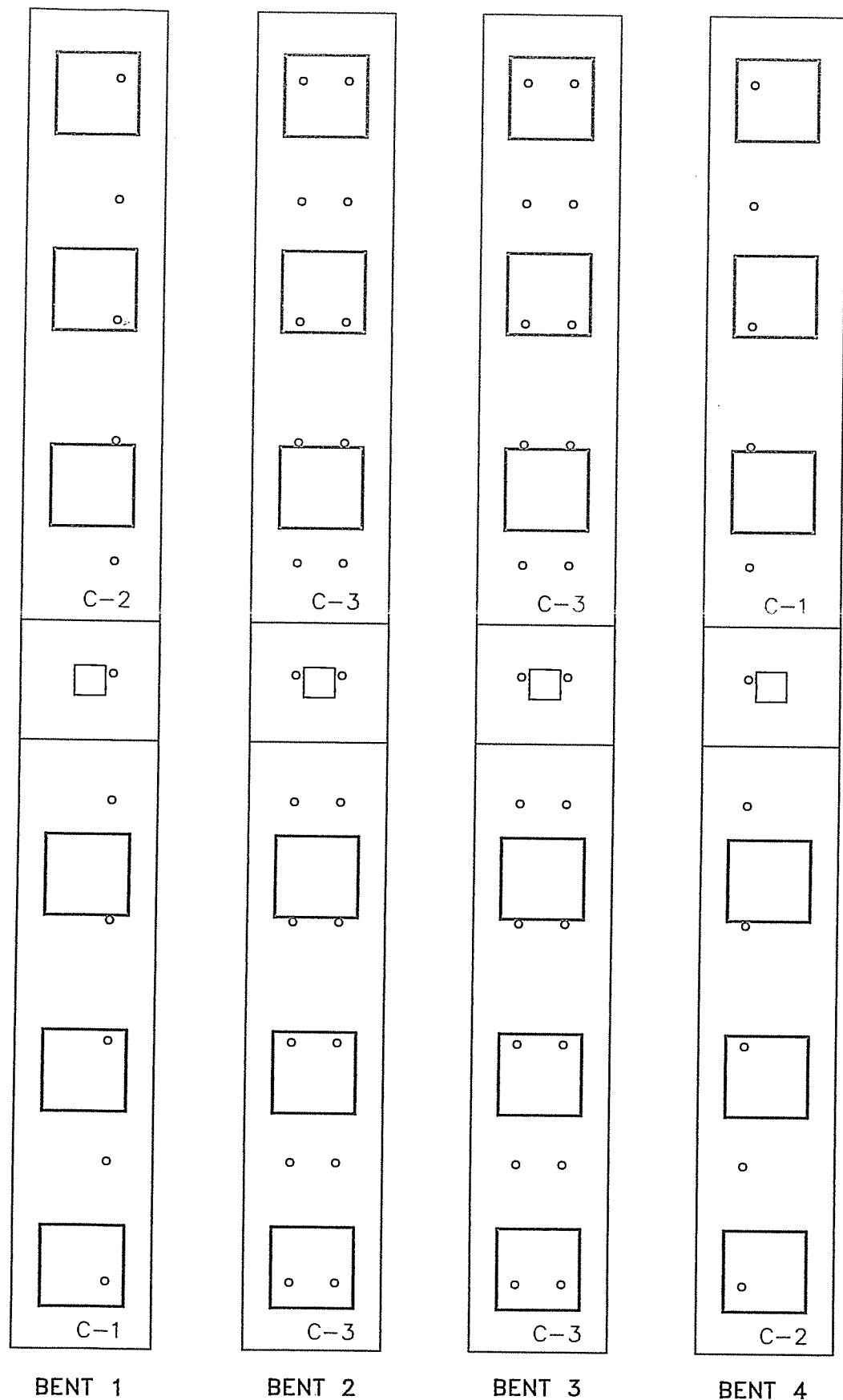
DATE
REVISIONS
BY

DESIGNED JCR
CHECKED JCR

DESIGNED JKM
CHECKED COOT LUGSON

DESIGNED WINNETT CO.
CHECKED WINNETT CO.
APPROVED WINNETT CO.

1 INCH WHEN PRINTED FULL SIZE

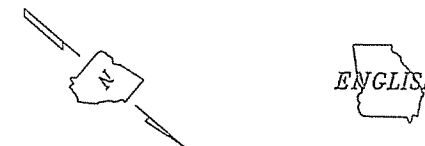
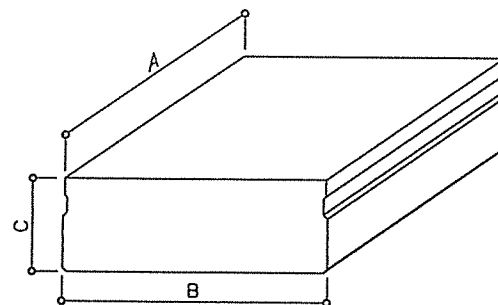


GENERAL NOTES:

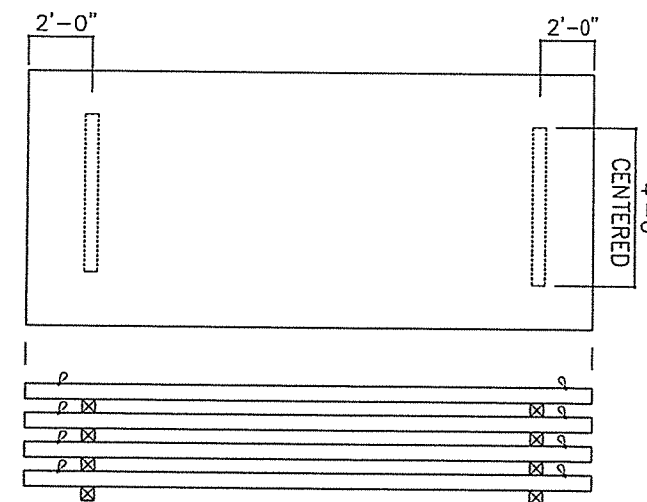
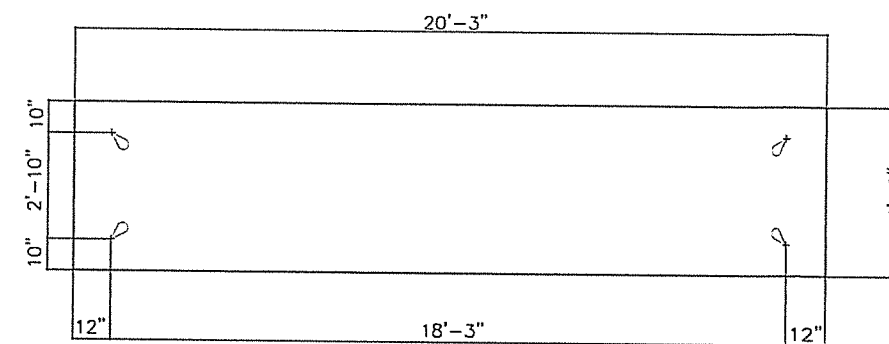
- ALL PSC BRIDGE MEMBERS ARE MANUFACTURED IN ACCORDANCE WITH GA DOT STANDARD SPECIFICATION SECTION 865.
- CAPS SHALL BE MAINTAINED IN AN UPRIGHT POSITION @ ALL TIMES.
- CHAMFER EDGES OF CAPS 1/4".
- (36" x 54" CAPS) PLACE LIFTING DEVICES AT 1'-0" MAX. FROM EA. END OF THE CAP & EMBED LIFTING DEVICES 32" INTO CAP.
- CONCRETE @ CAPS SHALL HAVE A MINIMUM 28-DAY STRENGTH OF 6,000 PSI.
- CONCRETE @ CAPS SHALL BE A MINIMUM OF 4,000 PSI BEFORE STRIPPING OR HANDLING.
- ALL REINFORCING STEEL TO BE GRADE 60.
- TROWEL FINISH UNFORMED SURFACES.

TOLERANCES:

- LENGTH: $\pm 3/4"$
- WIDTH: $\pm 1/4"$
- B1. STEM WIDTH: $\pm 1/4"$
- B2. LEDGE WIDTH: $\pm 1/4"$
- C. DEPTH (OVERALL): $\pm 1/4"$
- C1. LEDGE DEPTH: $\pm 1/4"$
- D. VARIATION FROM SPECIFIED PLAN END SQUARENESS OR SKEW $\pm 1/8"$ PER 12" WIDTH $\pm 1/2"$ MAX.
- E. VARIATION FROM SPECIFIED ELEVATION END SQUARENESS OR SKEW $\pm 1/8"$ PER 12" DEPTH $\pm 1/2"$ MAX.
- F. SWEEP FOR MEMBER LENGTH:
UP TO 40 FEET: $\pm 1/4"$
40 TO 60 FEET: $\pm 1/2"$
GREATER THAN 60 FEET: $\pm 5/8"$
- G. CAMBER VARIATION FROM DESIGN CAMBER: $\pm 1/8"$ PER 10 FEET, $\pm 3/4"$ MAX.
- H. LOCAL SMOOTHNESS OF ANY SURFACE: 1/4" IN 10 FEET
- L1. LOCATION OF EMBEDMENT: $\pm 1"$
- L2. TIPPING AND FLUSHNESS OF EMBEDMENT: $\pm 1/4"$
- M1. LOCATION OF BEARING ASSEMBLY: $\pm 1/2"$
- M2. TIPPING AND FLUSHNESS OF BEARING ASSEMBLY: $\pm 1/8"$
- O. LOCATION OF SLEEVES CAST IN STEMS, IN BOTH HORIZONTAL & VERITCAL PLANE: $\pm 1"$
- P. LOCATION OF INSERTS FOR STRUCTURAL CONNECTIONS: $\pm 1/2"$
- Q1. LOCATION OF HANDLING DEVICE PARALLEL TO LENGTH OF MEMBER: $\pm 12"$
- Q2. LOCATION OF HANDLING DEVICE TRANSVERSE TO LENGTH OF MEMBER: $\pm 1/2"$
- S1. LONGITUDINAL SPACING OF STIRRUPS: $\pm 2"$
- S2. LONGITUDINAL SPACING OF STIRRUPS WITHIN DISTANCE "C" FROM MEMBER ENDS: $\pm 1"$
- S3. STIRRUP PROJECTION FROM BEAM SURFACE: $+1/4"$, $-1/2"$



HANDLING (PLAN VIEW):



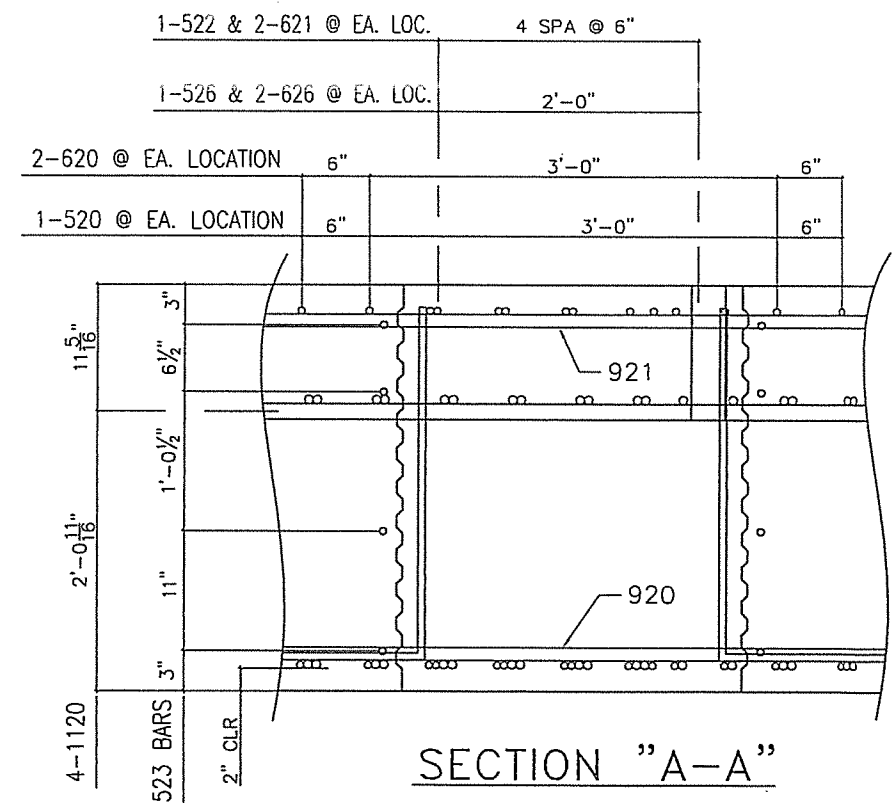
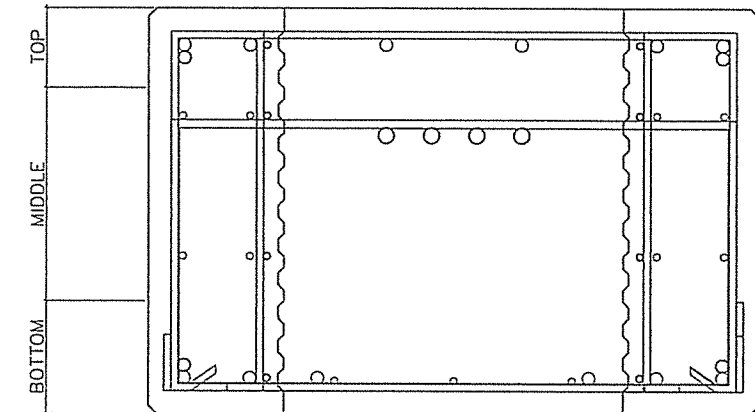
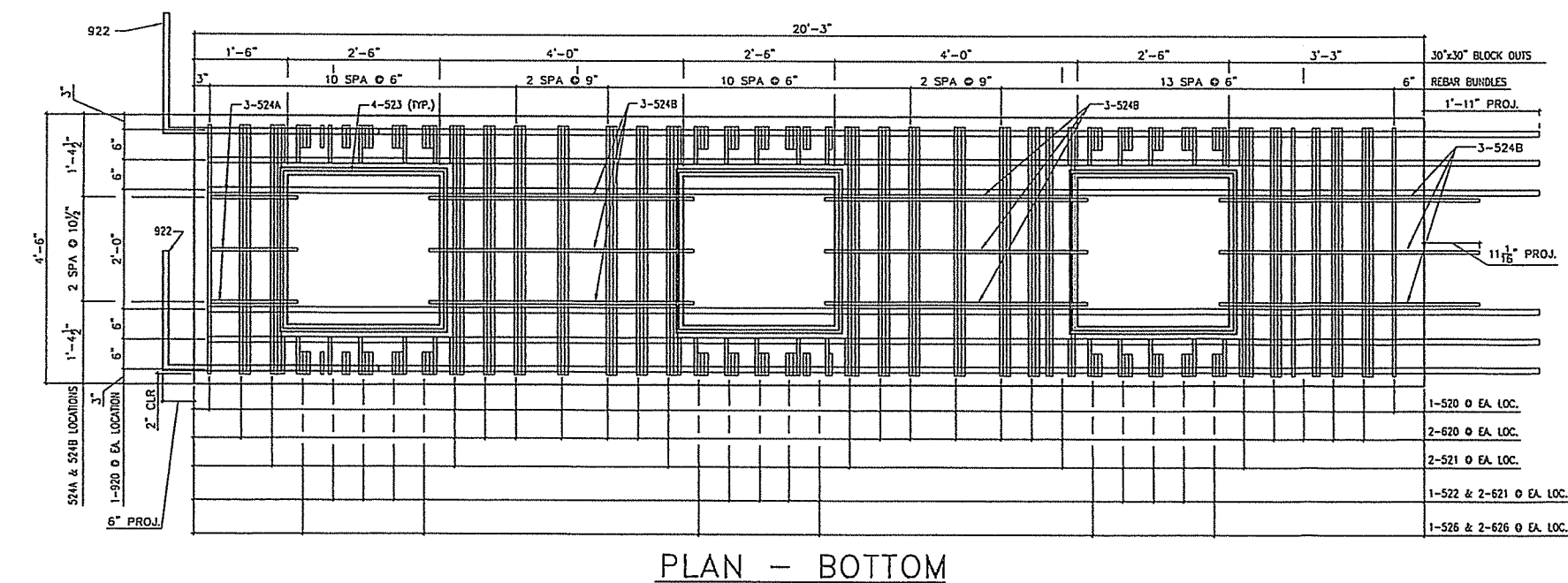
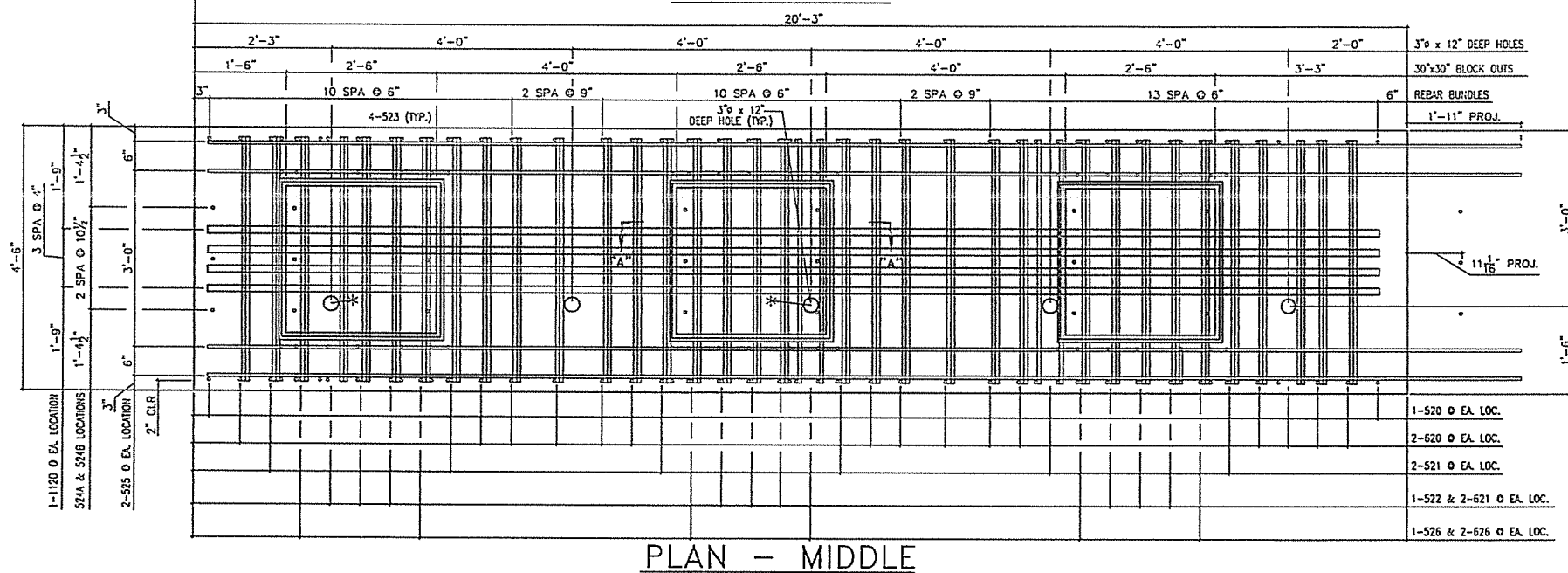
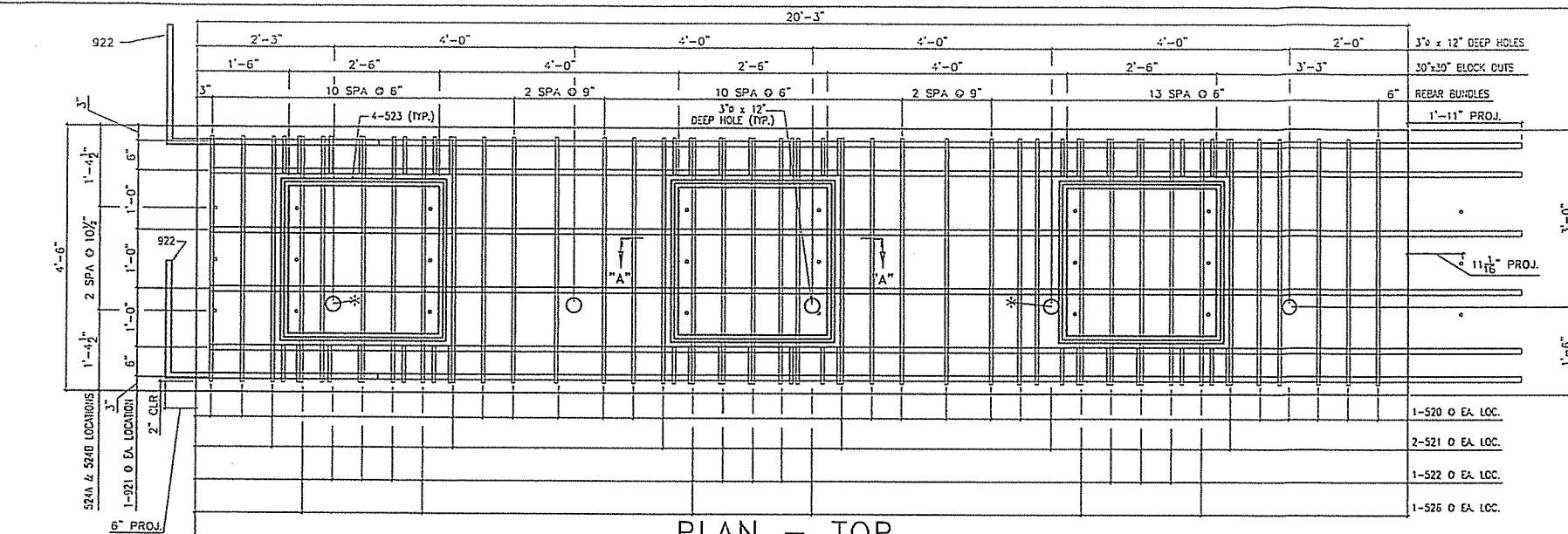
DUNNAGE DETAIL

NOTE: DUNNAGE SHALL BE 4'-0" LONG MINIMUM.

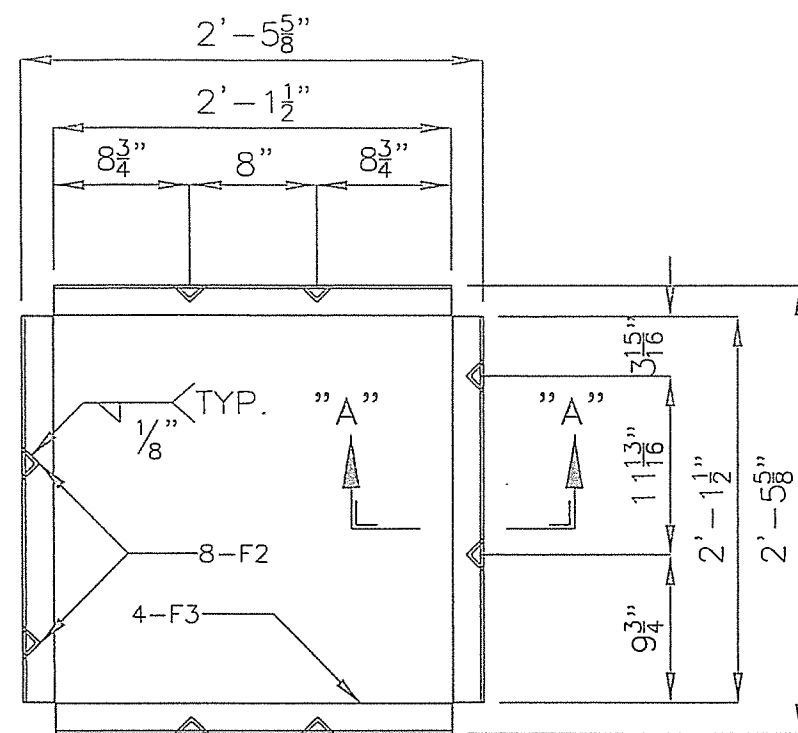
INDEX

PAGE No.	DESCRIPTION
E1 OF E1	-FRAMING PLAN-
1 THRU 6 OF 6	-CAP DETAIL-

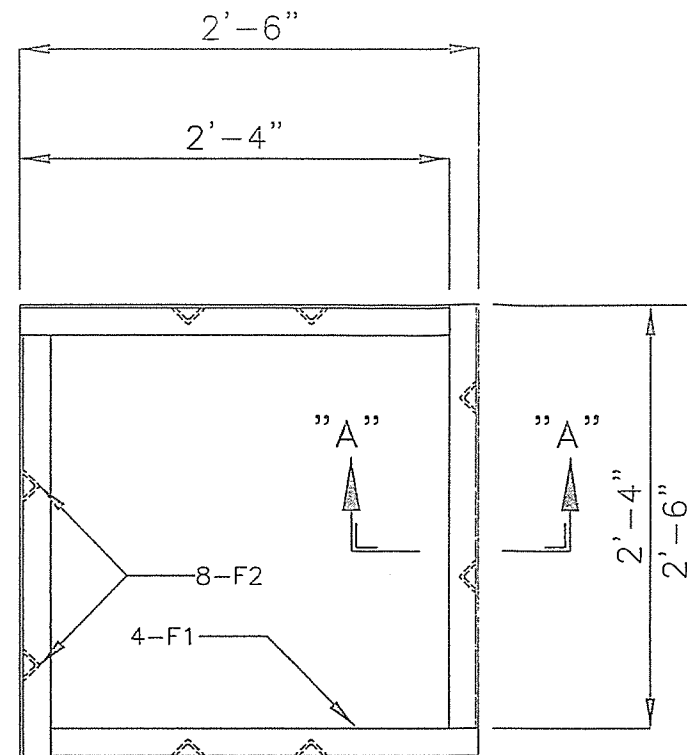
SHEET DETAILS:		6 HATCHCOVER Rd SAVANNAH, GA, 31404
		TEL : (912) 233-8263
		FAX : (912) 236-4689
PRECAST CAPS FRAMING PLAN		
CONTR./PROJ. No.	CONTRACTOR:	
PROJECT NO: F-1087-01	GEORGIA BRIDGE & CONCRETE	
COUNTY, STATE & PROJECT DETAILS:		
HARBINS ROAD OVER JACKSON CREEK GWINNETT CO., GA		
DRAWN BY: BND	DESIGNED BY: TRANSYSTEMS/GWINNETT DOT	
DATE: 05/16/17	CHECKED BY: FNS	JOB No.
SHEET E1 OF E1	SCALE: NONE	S01933



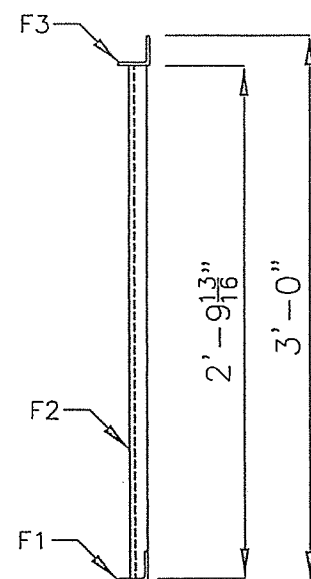
<table><tr><td>PIECE DETAIL</td><td>NO. REQ'D</td></tr><tr><td>C-1</td><td>2</td></tr></table>		PIECE DETAIL	NO. REQ'D	C-1	2	<table><tr><td>REV. No.</td><td>DATE</td><td>DETAILS</td></tr><tr><td>△</td><td></td><td></td></tr></table>	REV. No.	DATE	DETAILS	△			<table><tr><td rowspan="2"></td><td>STANDARD CONCRETE PRODUCTS</td></tr><tr><td>6 HATCHCOVER Rd SAVANNAH, GA, 31404 TEL : (912) 233-8263 FAX : (912) 236-4689</td></tr></table>			STANDARD CONCRETE PRODUCTS	6 HATCHCOVER Rd SAVANNAH, GA, 31404 TEL : (912) 233-8263 FAX : (912) 236-4689
		PIECE DETAIL	NO. REQ'D														
C-1	2																
REV. No.	DATE	DETAILS															
△																	
	STANDARD CONCRETE PRODUCTS																
	6 HATCHCOVER Rd SAVANNAH, GA, 31404 TEL : (912) 233-8263 FAX : (912) 236-4689																
SHEET DETAILS:			PRECAST CAP C-1 SECTIONS														
CONTR./PROJ. No.		PROJECT NO: F-1087-01		CONTRACTOR: GEORGIA BRIDGE & CONCRETE													
COUNTY, STATE & PROJECT DETAILS: HARBINS ROAD OVER JACKSON CREEK GWINNETT CO., GA																	
DRAWN BY: BND		DESIGNED BY: TRANSYSTEMS/GWINNETT DOT															
DATE: 05/23/17		CHECKED BY: FNS		JOB No. S01933													
SHEET 2 OF 6		SCALE: NONE		(651)													



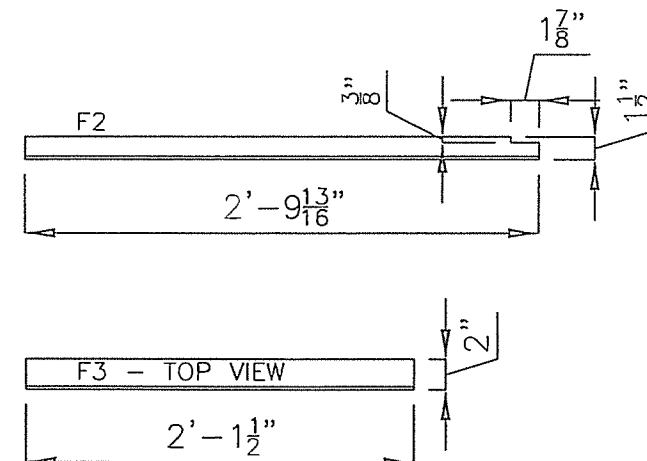
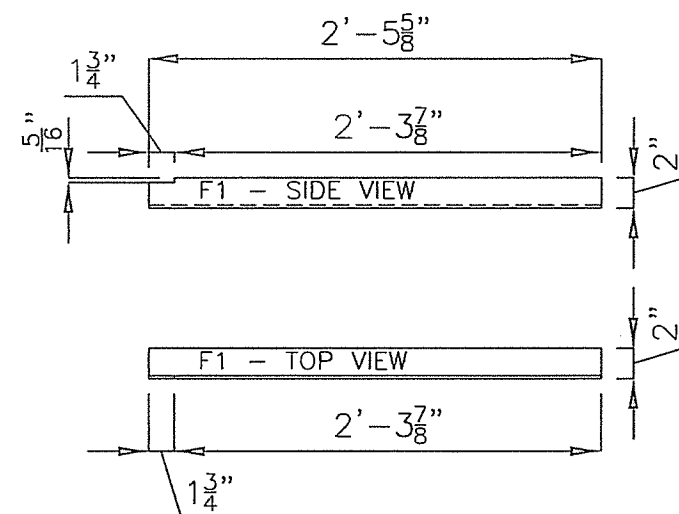
BOTTOM FRAME



TOP FRAME



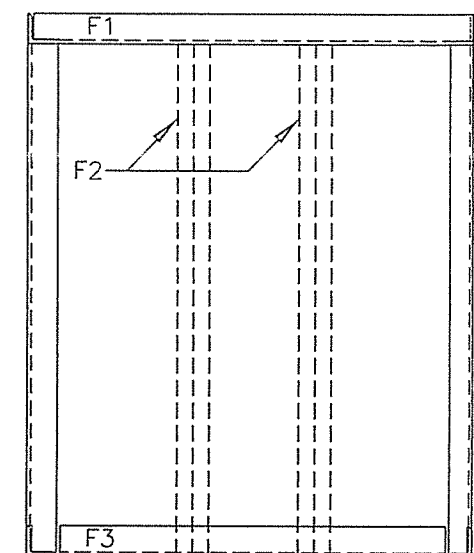
SECTION "A-A"



F1 AND F2 - 2"x2"x³/₁₆" Δ
F3 - 1¹/₂"x1¹/₂"x¹/₈" Δ

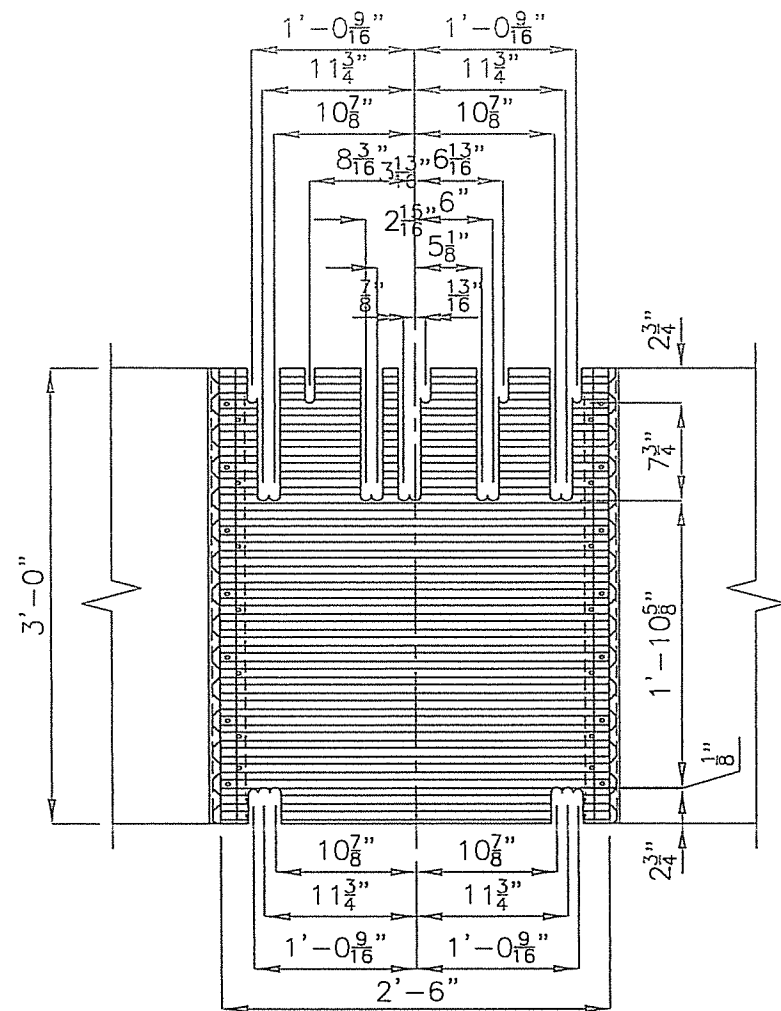
NOTES:

1. Δ's F3 WILL BE SECURELY TAC WELDED TO PALLET.
2. Δ's F2 WILL THEN BE COPED AND WELDED TO Δ's F3.
3. THE CANISTER ASSEMBLY WILL BE POSITIONED OVER THE F2 AND F3 Δ's.
4. Δ's F1 WILL THEN BE COPED AND WELDED TOGETHER TO FORM THE TOP FRAME.
4. THE TOP FRAME WILL BE POSITIONED INSIDE THE CANISTER ASSEMBLY, ON TOP OF Δ'S F2. NO WELD IS REQUIRED.
5. A SPACER AND PLYWOOD MAY BE SET IN TOP TOP FRAME AS NEEDED FOR PRODUCTION.

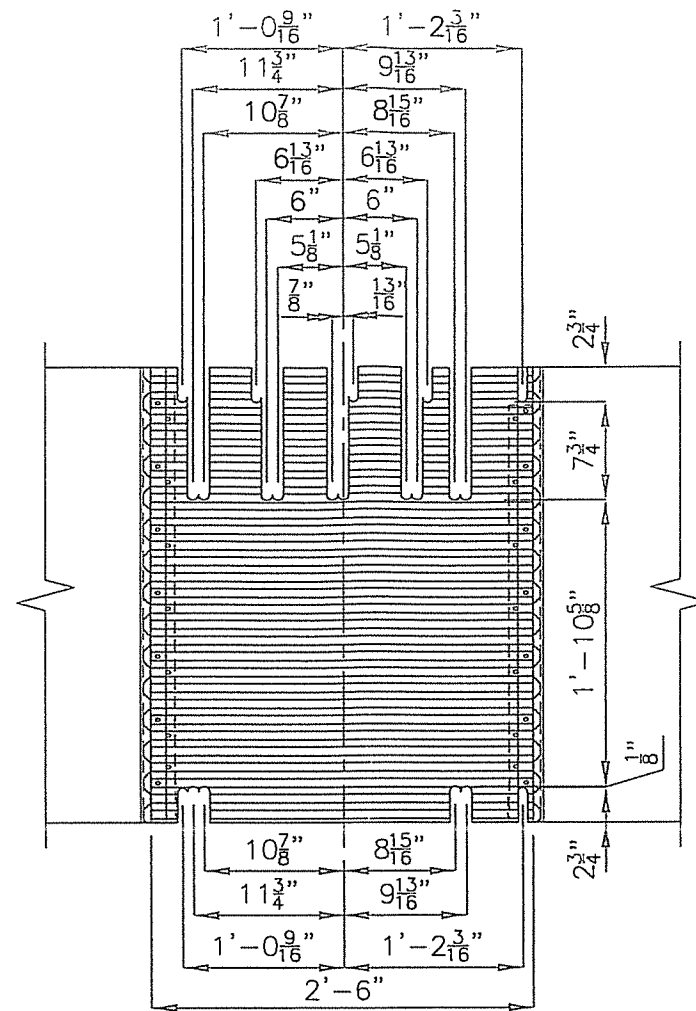


ASSEMBLY DETAIL

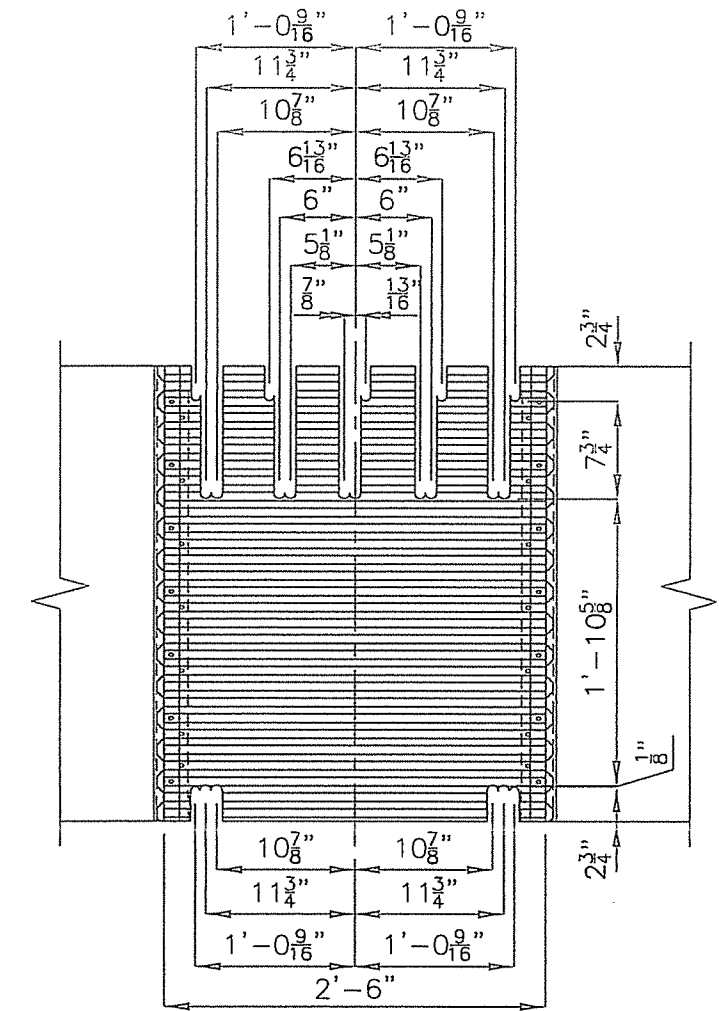
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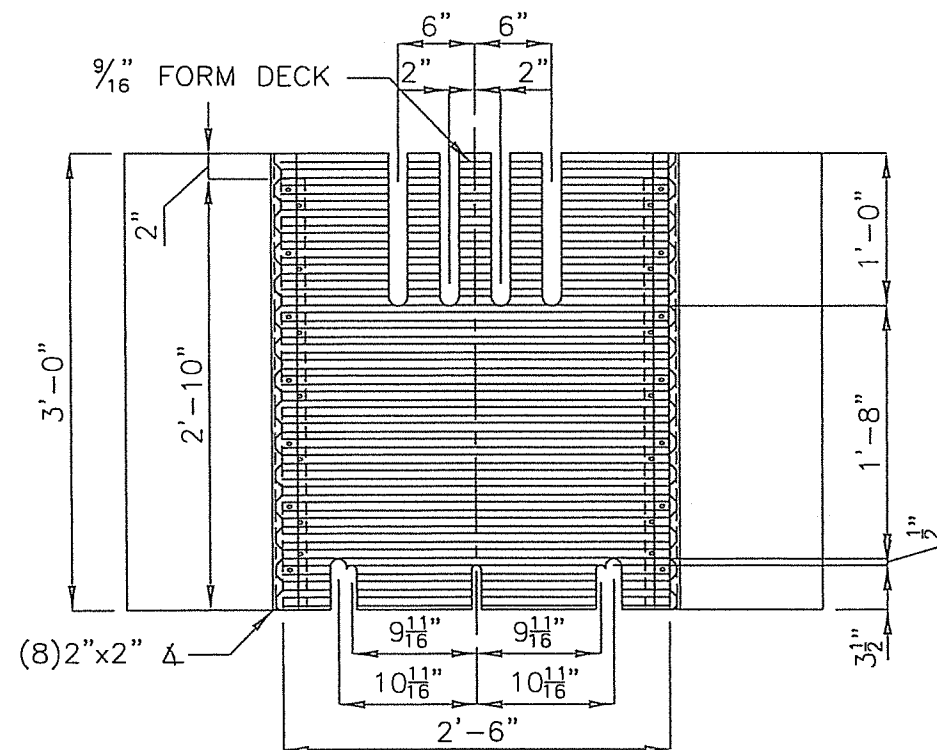
SIDE VIEW B/O 1



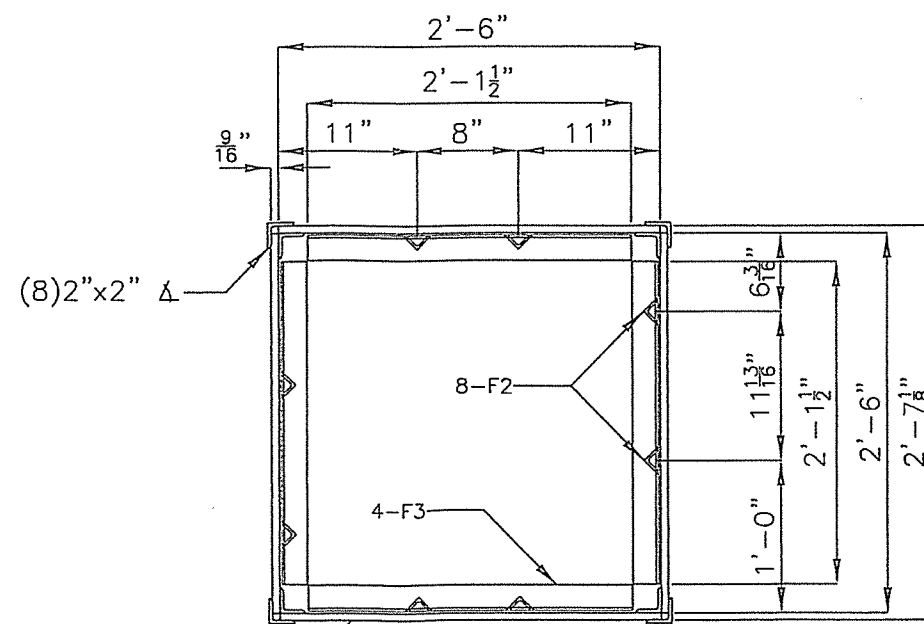
SIDE VIEW B/O 2



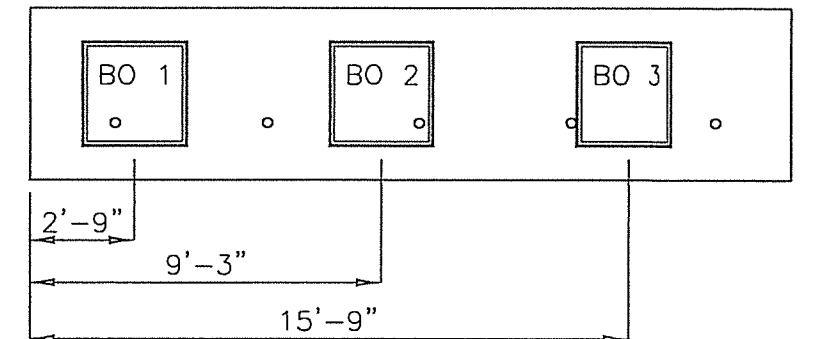
SIDE VIEW B/O 3



END VIEW



CANISTER OVER BOTTOM FRAME



DETAILS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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