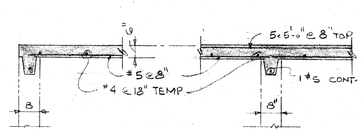
LOOSE LINTEL SCHEDUAL

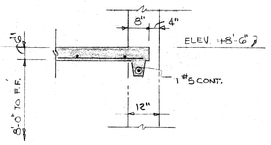
SIZE OF OPNG.	LINTEL SIZE	END BRG.	REMARKS
- TO 3'-4"	3½" x 3½" x ¼" L	4" MIN.	
3'-5" TO 6'-0"	4" X 3½" x ¼" L	6" MIN.	
6'-1" TO 8'-0"	8 C 11.5 W 7 ⅛" R	8" MIN.	
-			

PROVIDE ONE ANGLE FOR EACH 4" OF MASONRY WALL WHERE ANGLES ARE USED.

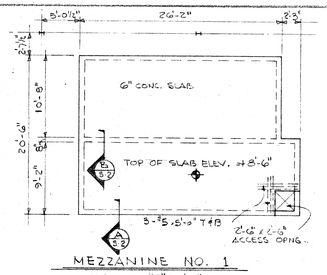


SECT. A S-2
½" = 1'-0"

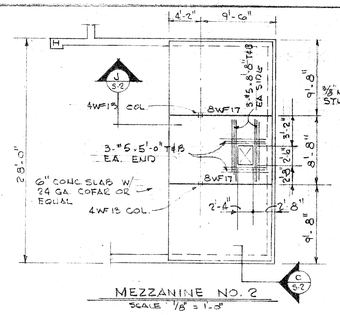
SECT. B S-2
½" = 1'-0"



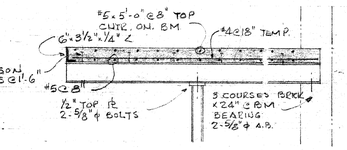
SECT. C S-2
½" = 1'-0"



MEZZANINE NO. 1
SCALE ⅛" = 1'-0"



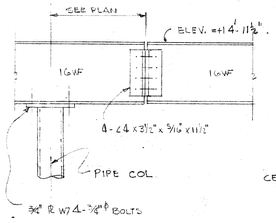
MEZZANINE NO. 2
SCALE ⅛" = 1'-0"



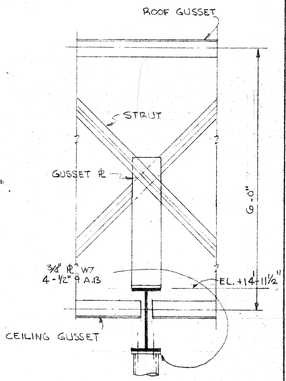
SECT. J S-2
½" = 1'-0"

SINGLE PANEL CORRUGATED METAL ROOF
SEE SHOP DWGS FOR SECTIONED DETAILS
TOP OF ROOF PANEL ELEV. = 9'-0"
79'-3"
64'-11
64'-11"
TOP OF TRUSS ELEV. 19'-9¼"
61 PANEL SPA. @ 3'-5" PLUS TWO (2) CORNERS @ 4" EA. = 209'-1"
60 GUSSET LINES @ 3'-5" = 205'-0"
107'-7½"
107'-½"
102'-7½"
3'-9"
BUILDING EDGE
TOP OF TRUSS EL. 20'-5½" +3"
23'-6½"
1'-0"
20'-6"
23'-11"
23'-11
17'-1"
16WF 40
16WF 36
3'-0"
3'-6"
5'-8"
3'-6" PIPE COL.
2-5" ϕ PIPE COL.
TOP OF TRUSS ELEV. 20'-6½"
MEZZANINE "(1)" SEE PLAN ABOVE
4'-8½"
35'-5"
34'-1"
24'-1½"
TOP OF TRUSS ELEV. 20'-5⅝"
TOP OF TRUSS ELEV. = 20'-5½"
TOP OF TRUSS ELEV. = 20'-6½"
TOP OF TRUSS ELEV. = 20'-5"
MEZZANINE "(2)" SEE PLAN ABOVE
4'-0"
36'-1"
4'-4"
12'-9½"
11'-11½"
24'-7"
1'-0"
96'-10½"
97'-8½"
12'-8½"
36'-1"
61'-0"
63'-0"
136'-9½"
NORTH

• ROOF • FRAMING • PLAN •
SCALE ⅛" = 1'-0"



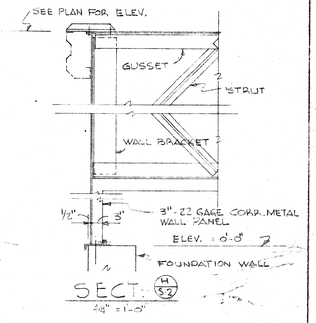
SECT. D S-2
¾" = 1'-0"



SECT. E S-2
¾" = 1'-0"

SECT. F S-2
¾" = 1'-0"

SECT. G S-2
¾" = 1'-0"



SECT. H S-2
¾" = 1'-0"

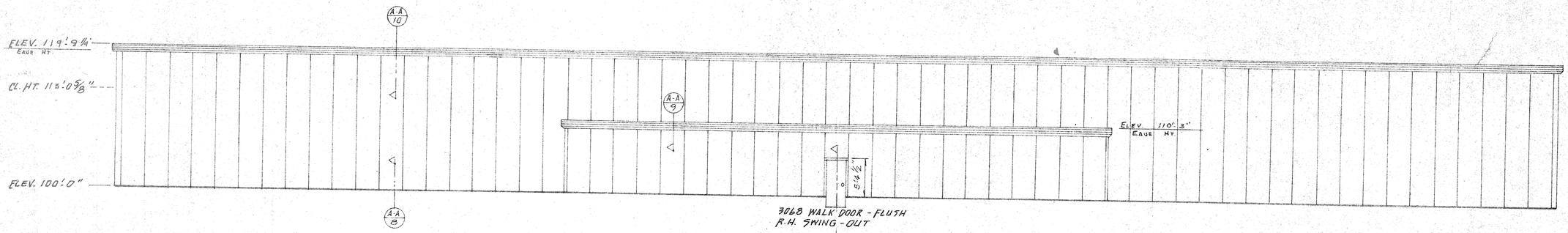
1/8" = 1'-0" scale 0 5 10 15 20 feet
SCALE: ¾" = 1'-0" 0 1 2 3 4 5

REVISION: 1-9-68

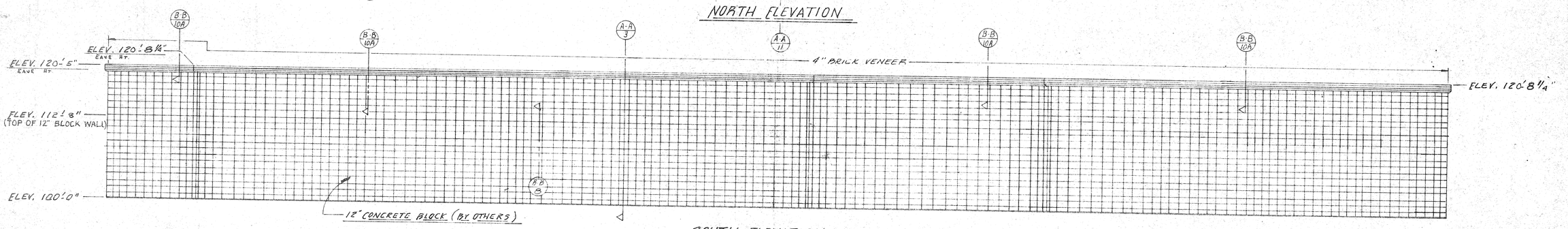
36 LANE BOWLING CENTER FORT SILL OKLAHOMA
BRUNSWICK CORPORATION PRIME CONTRACTOR
WERNER-HERBISON-PADGETT INC. BUILDER
INTERNATIONAL DESIGN CONSULTANTS INC T.E. SAMUELSON & ASSOCIATES ARCHITECTS S.J. FLOOK STRUCTURAL ENGINEER BECKETT ENGINEERING MECH ENGINEERS R.E. CLAY & ASSOCIATES ELEC. ENGINEERS
DATE: OCT. 21, 1967 DRWG S-2

SIDNEY J. FLOOK REGISTERED PROFESSIONAL ENGINEER NO. 2647 STATE OF COLORADO

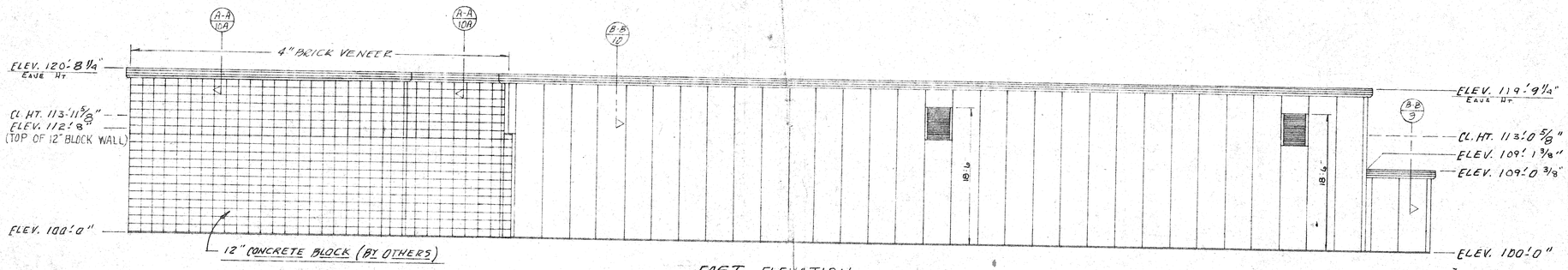
APR 29 1969 MICROFILMED



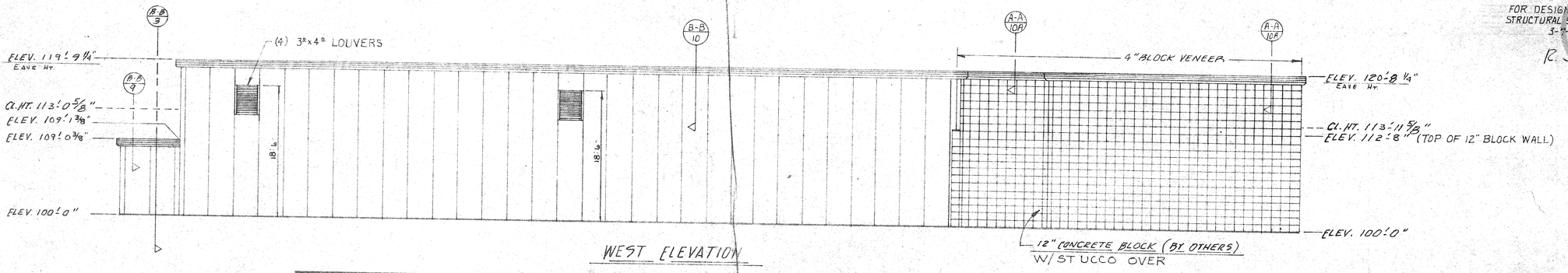
NORTH ELEVATION



SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION

FOR DESIGN OF BEHLEN STRUCTURAL SYSTEM ONLY
3-7-68
R. J. Hayek

General Notes.

DUBL-PANEL.
ROOF - 3" CORR. 18 & 20 GA. ALZ'D.
CEILING - 3" CORR. 18, 20, 22 GA. GALV.
WALLS - 3" CORR. 18 GA. TAN PLASTISOL (GALV AT BRICK VENEER)
GUTTER - ALZ'D. (ENCLOSED.)

DUBL-PANEL ANNEXES
ROOF - 3" CORR. 20 GA. ALZ'D.
CEILING - 3" CORR. 22 GA. GALV.
WALLS - 3" CORR. 18 GA. GALV.

SINGLE PANEL ANNEX.
ROOF - 3" CORR. 20 GA. ALZ'D.
WALLS - 3" CORR. 18 GA. TAN PLASTISOL
GUTTER - ALZ'D. (ENCLOSED)

ALL STRUCTURALS, FLASHING & CONNECTORS BY BEHLEN.

LET.	REVISIONS	BY	DATE
A	GENERAL REVISION	GE	3/5/68

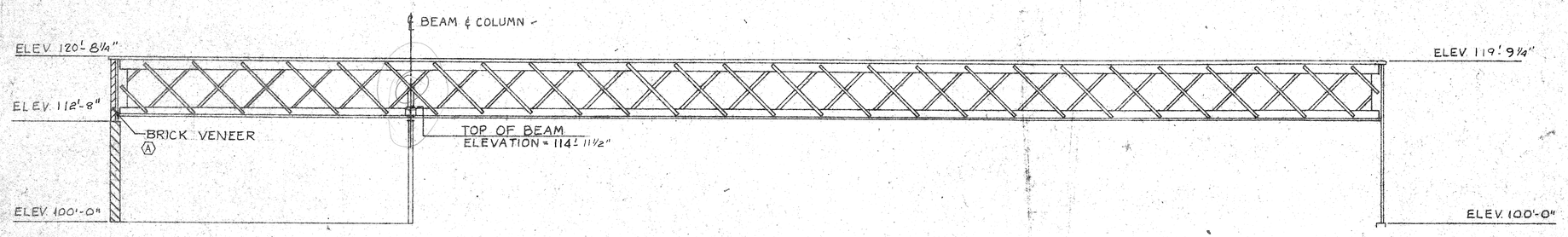
DR. TILTON DATE 9-26-67
CKD. Junker DATE 10/10/67
SCALE

BEHLEN MANUFACTURING COMPANY
COLUMBUS, NEBRASKA

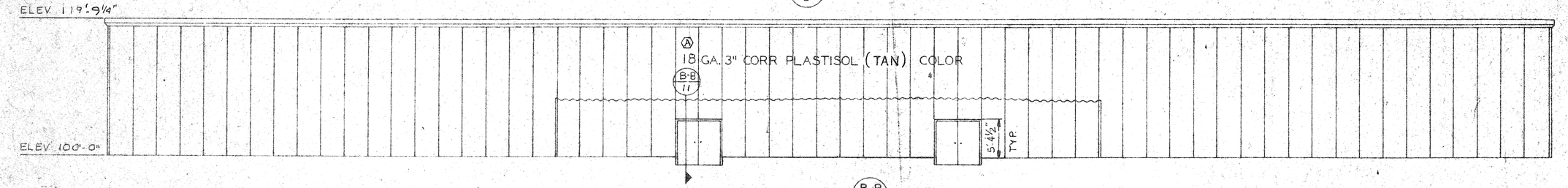
363-2

TITLE ELEVATIONS

DWG. NO. B-15212 G SHT. E

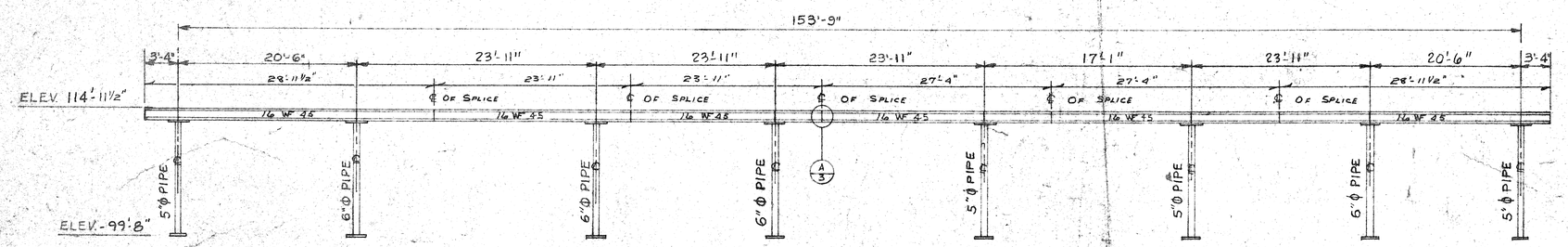


SECTION Ⓐ-Ⓐ / 3

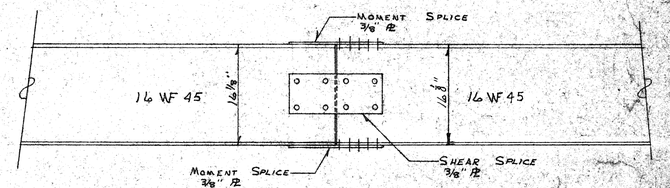


SECTION B-B / 3

FOR DESIGN OF BEHLEN
STRUCTURAL SYSTEM ONLY
3-7-68
R. J. Hoyer



BEAM ELEVATION



A / 3 BEAM SPLICE DETAIL

363-3

BEHLEN
MANUFACTURING CO. INC.
PANEL BUILDING SYSTEM
COLUMBUS, NEBRASKA

LETTER	DESCRIPTION	BY	DATE
Ⓐ	GENERAL REVISION.	G.E.	3-8-68

REVISIONS

FORT SILL BOWLING LANES
FORT SILL, OKLAHOMA

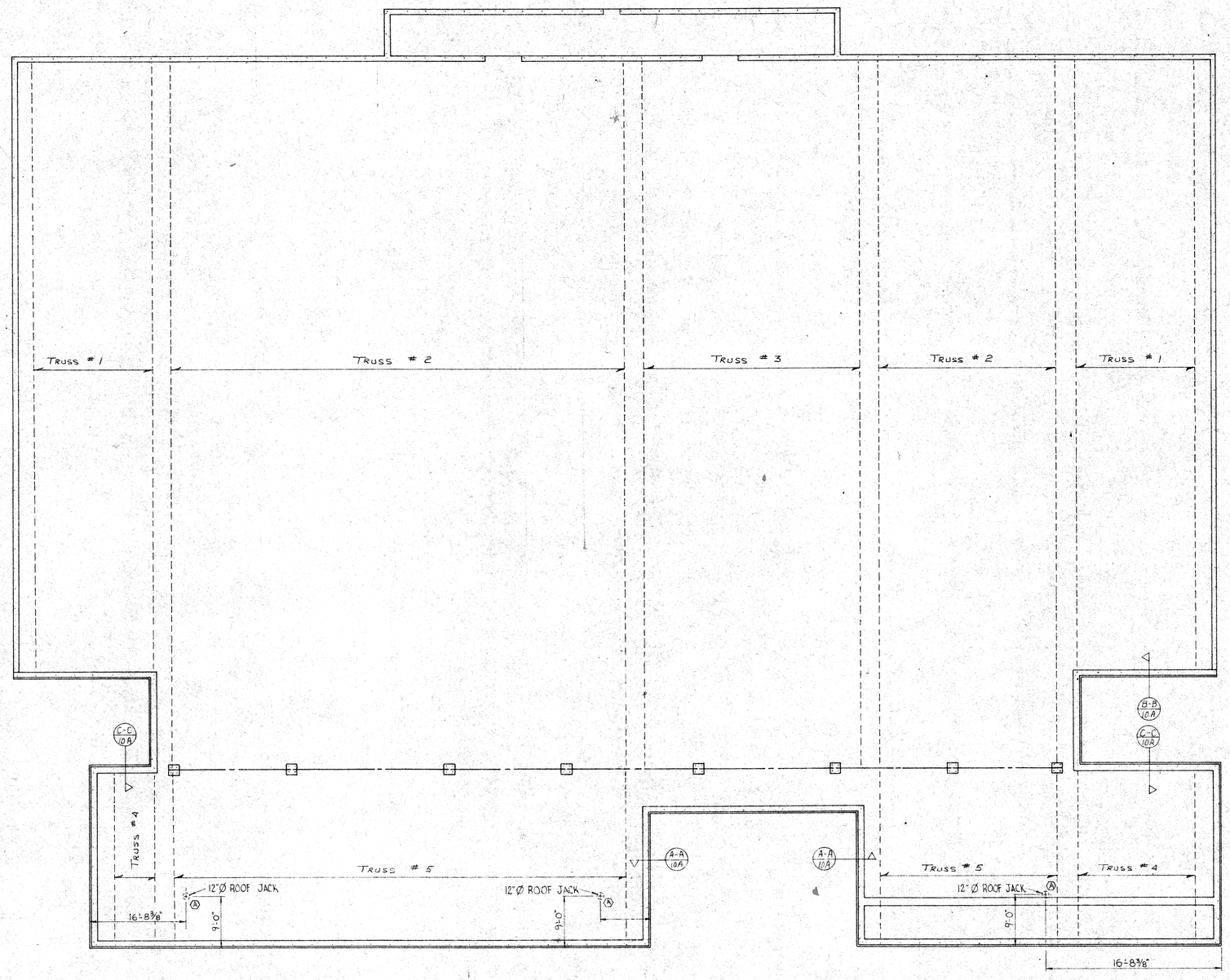
CROSS SECTIONS

B-1512

G SHT. 3 OF 11

	BY	DATE
DRAWN	REM	6-8-67
CHECKED	Junkee	10/16/67

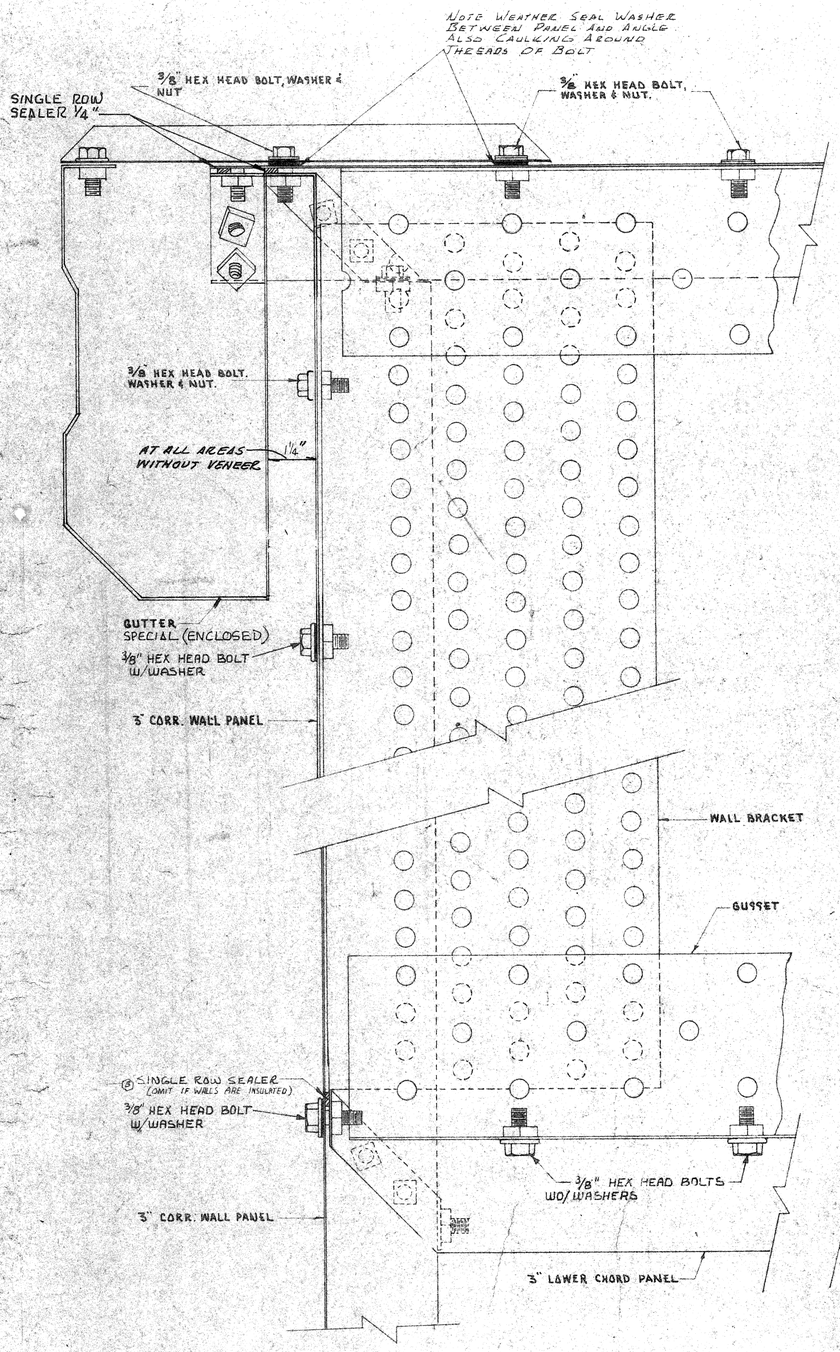
DETAIL NUMBER / DETAIL PAGE — DETAIL SYMBOL — SCALE



FOR DESIGN OF BEHLEN STRUCTURAL SYSTEM ONLY
3-7-68
R. J. Hajek

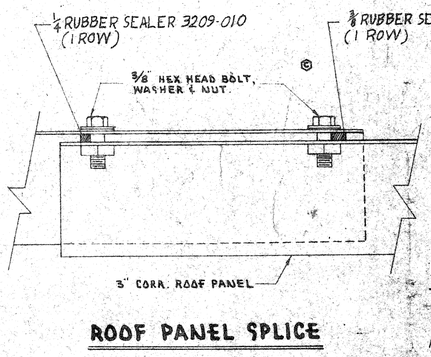
363-5

				DR. CG	DATE 10-9-67	BEHLEN MANUFACTURING COMPANY COLUMBUS, NEBRASKA	TITLE TRUSS LOCATION PLAN
A	GENERAL REVISION.	G.E.	3/5/68	CKD. Junker	DATE 10/10/67		DWG. NO. B-1512 G. 4'A' 11
LET.	REVISIONS	BY	DATE	SCALE			

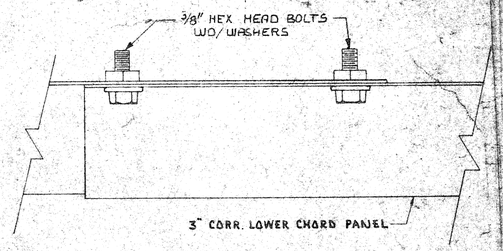


A-A / 10

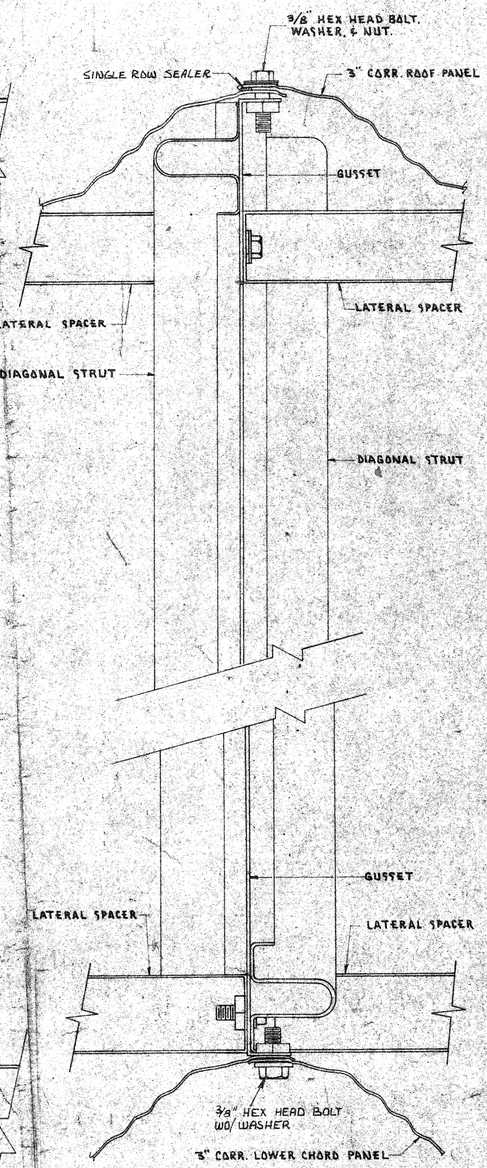
SECTION THRU 3" CORR. SIDEWALL (DUBL PANEL 3" CORR. ROOF PANEL & 3" CORR. LOWER CHORD PANEL



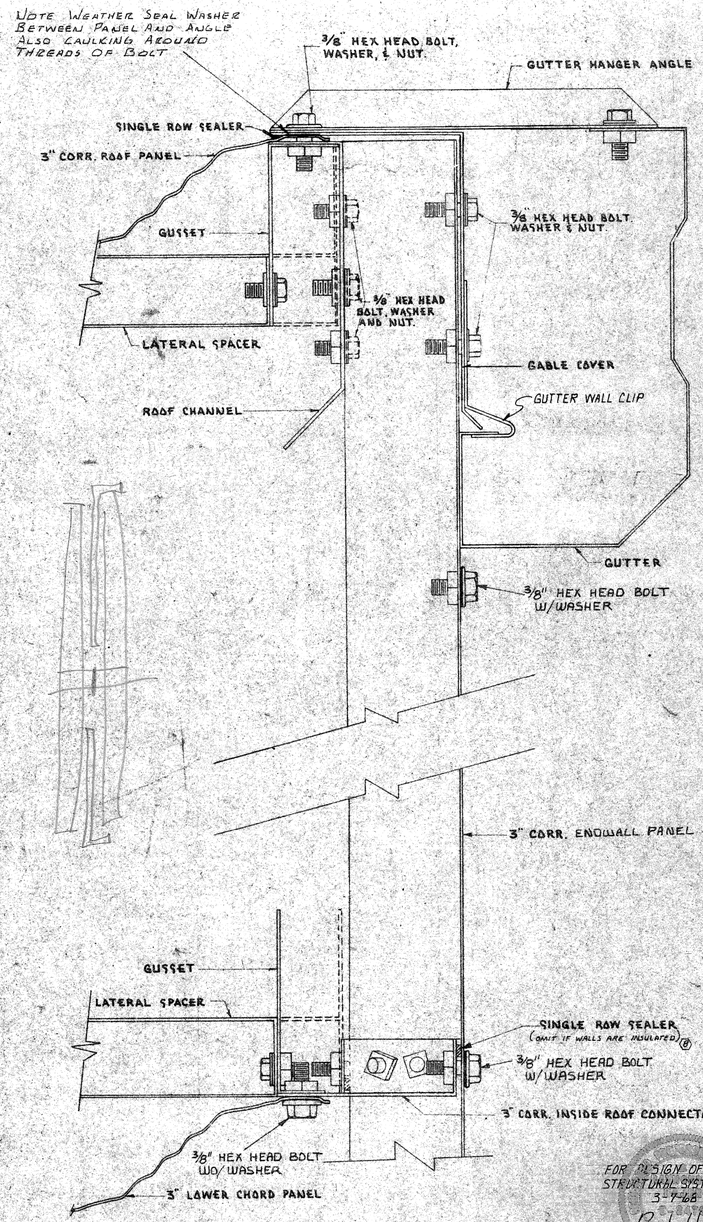
ROOF PANEL SPLICE



LOWER CHORD SPLICE.



SECTION AT DIAGONAL STRUT



B-B / 10

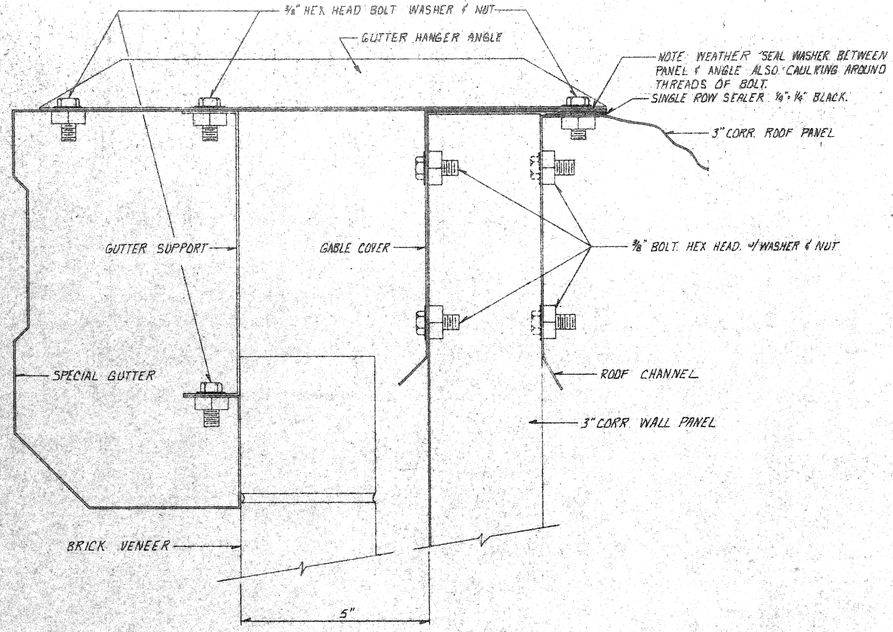
SECTION THRU 3" ENDWALL (DUBL PANL) 3" CORR. ROOF PANEL & 3" CORR. LOWER CHORD PANEL

NOTE: SEE SHEET 10A OF 11 FOR GUTTER DETAILS IN BRICK VENEER AREA

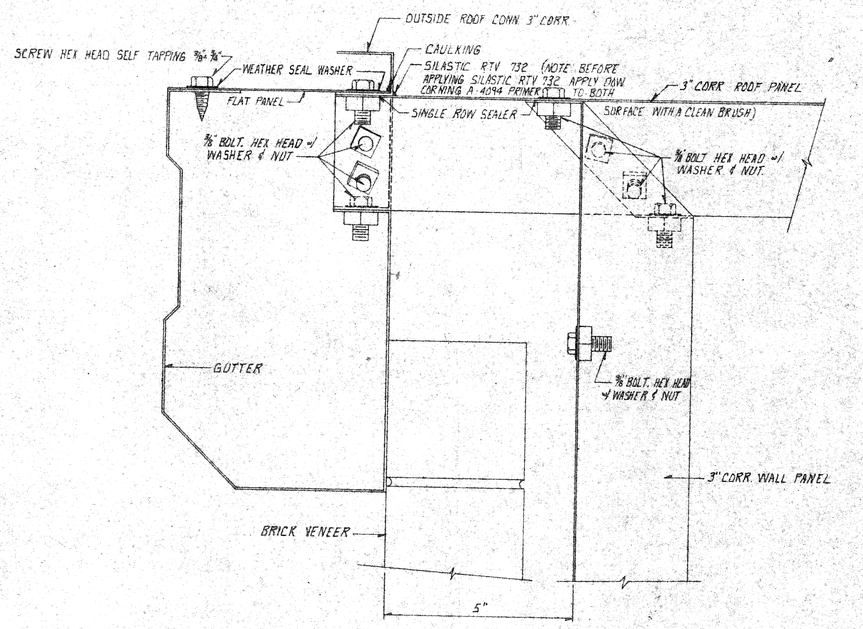
FOR DESIGN OF BEHLEN STRUCTURAL SYSTEM ONLY
3-7-68
R. J. Hoyle

D	GENERAL REVISIONS	FO	3-568				
C	ON TOP CHORD SPLICE CHANGED SEALER & CAULKING DETAIL	GS	1.10.67				
B	CHANGED USE ROW OF BLACK SEALS TO CAULKING IN PURL SPLICE	JMC	2-3-65	DR. REM	DATE 6-8-67	Behlen MANUFACTURING COMPANY COLUMBUS, NEBRASKA	TITLE CROSS-SECTION THRU DUBL PANL - 3" CORR. ROOF TO 3" CORR. WALL
A	EXTRA NOTE FOR SEALER AT RAIL CONNECTOR	JMC	2-3-65	CKD JUNIOR	DATE 10.10.67		DWG NO. B-1512
LET.	REVISIONS	BY	DATE	SCALE			G 10/11

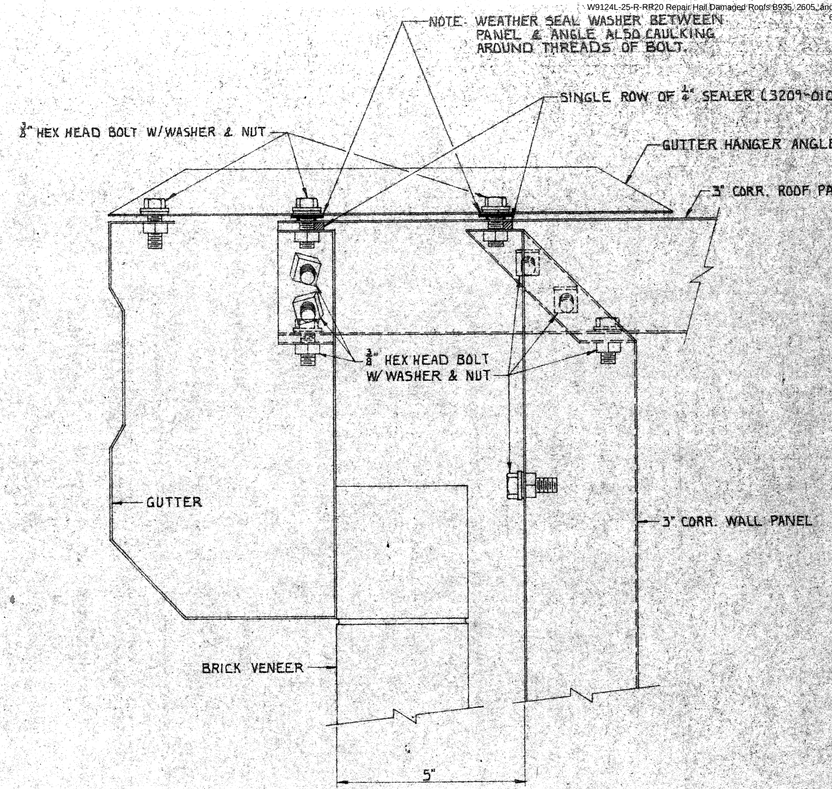
363-11



(A-A / 10A) SECTION THRU ENDWALL SHOWING GUTTER DETAIL IN BRICK VENEER AREA.



(B-B / 10A) SECTION THRU SIDEWALL SHOWING GUTTER DETAIL IN BRICK VENEER AREA.



(C-C / 10A) SECTION THRU SIDEWALL SHOWING GUTTER DETAIL IN BRICK VENEER AREA

FOR DESIGN OF BEHLEN STRUCTURAL SYSTEM ONLY
3-7-68
R. J. Hyak

BEHLEN
MANUFACTURING CO. INC.
PANEL BUILDING SYSTEM
COLUMBUS, NEBRASKA

DETAIL NUMBER / DETAIL PAGE		BY	DATE
	DRAWN	F.OSTEN	3-6-68
	CHECKED	G.ENGEL	3-6-68
DETAIL SYMBOL	SCALE:		

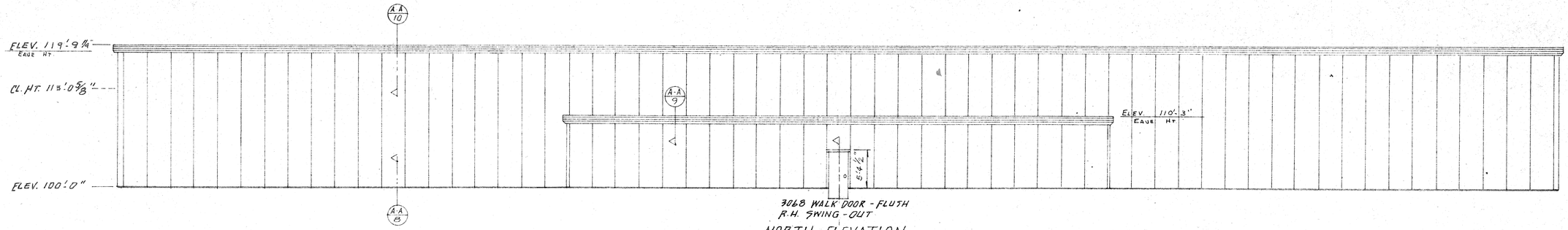
LETTER	REVISIONS DESCRIPTION	BY	DATE

FT. SILL BOWLING LANES
FT. SILL, OKLAHOMA

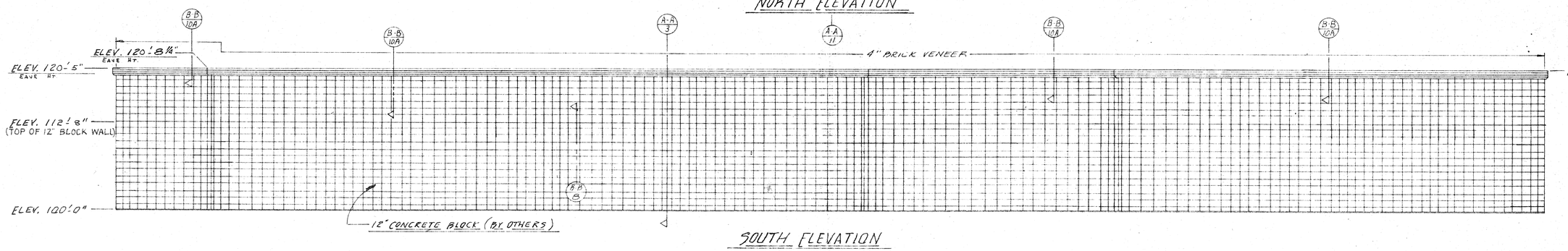
CROSS SECTIONS

B-1512
G SHT. 10A OF 11

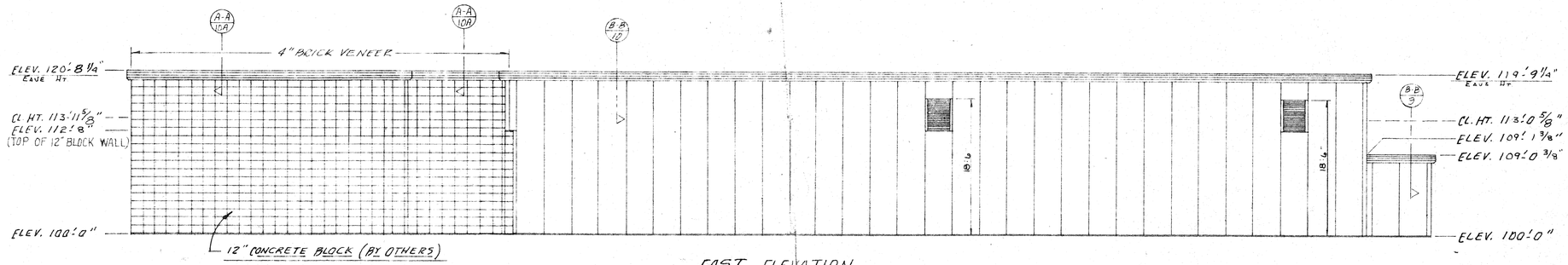
363-12



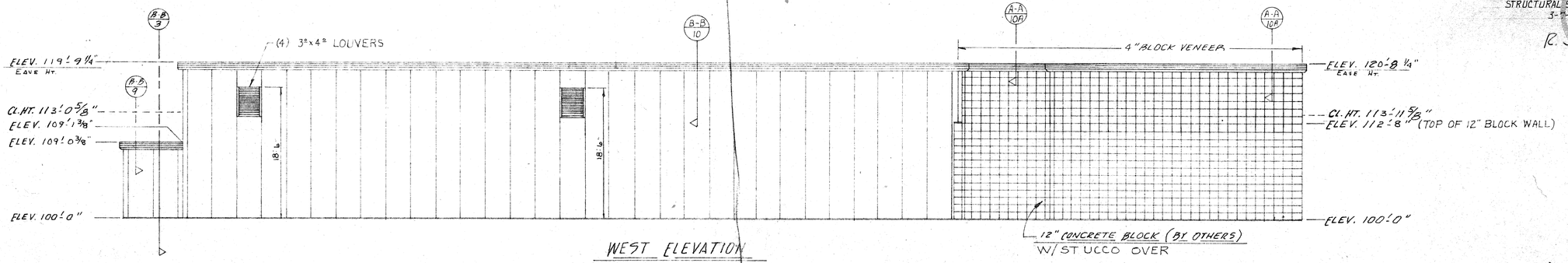
NORTH ELEVATION



SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION

FOR DESIGN OF BEHLEN STRUCTURAL SYSTEM ONLY
3-7-68
R. J. Hajek

General Notes.

DUBL-PANEL.
ROOF - 3" CORR. 18 & 20 GA. ALZ'D.
CEILING - 3" CORR. 18, 20, 22 GA. GALV.
WALLS - 3" CORR. 18 GA. TAN PLASTISOL (GALV. AT BRICK VENEER)
GUTTER - ALZ'D. (ENCLOSED.)

DUBL-PANEL ANNEXES
ROOF - 3" CORR. 20 GA. ALZ'D.
CEILING - 3" CORR. 22 GA. GALV.
WALLS - 3" CORR. 18 GA. GALV.

SINGLE PANEL ANNEX.
ROOF - 3" CORR. 20 GA. ALZ'D.
WALLS - 3" CORR. 18 GA. TAN PLASTISOL
GUTTER - ALZ'D. (ENCLOSED)

ALL STRUCTURALS, FLASHING & CONNECTORS BY BEHLEN.

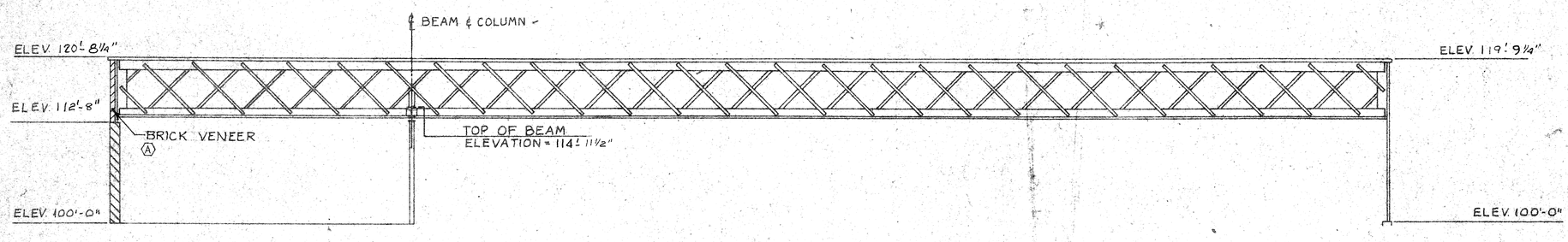
363-15

LET.	REVISIONS	BY	DATE	SCALE
A	GENERAL REVISION	C.E.	3/5/68	

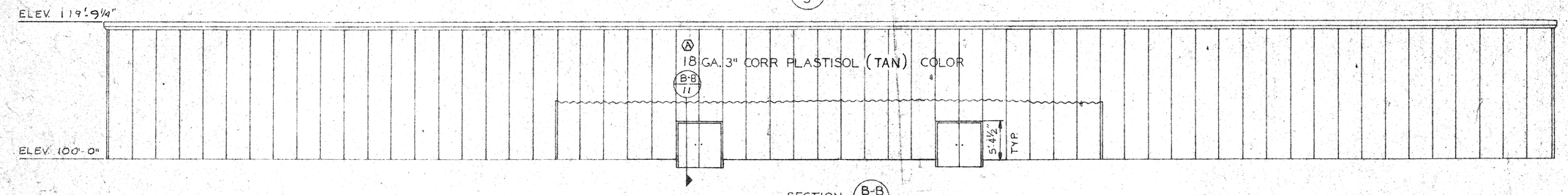
DR. TILTON DATE 9-26-67
CKD. JUNKER DATE 10/10/67

BEHLEN MANUFACTURING COMPANY
COLUMBUS, NEBRASKA

TITLE ELEVATIONS
DWG. NO. B-1512
G SHT 2 OF 11

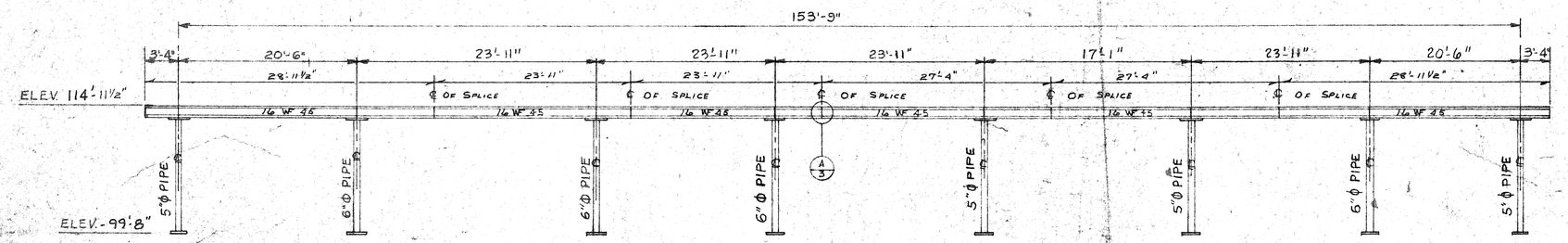


SECTION A-A / 3

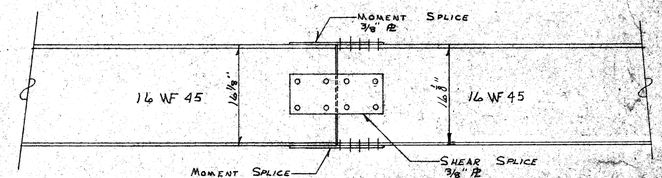


SECTION B-B / 3

FOR DESIGN OF BEHLEN STRUCTURAL SYSTEM ONLY
3-7-68
R. J. Hoyt



BEAM ELEVATION



A / 3 BEAM SPLICE DETAIL

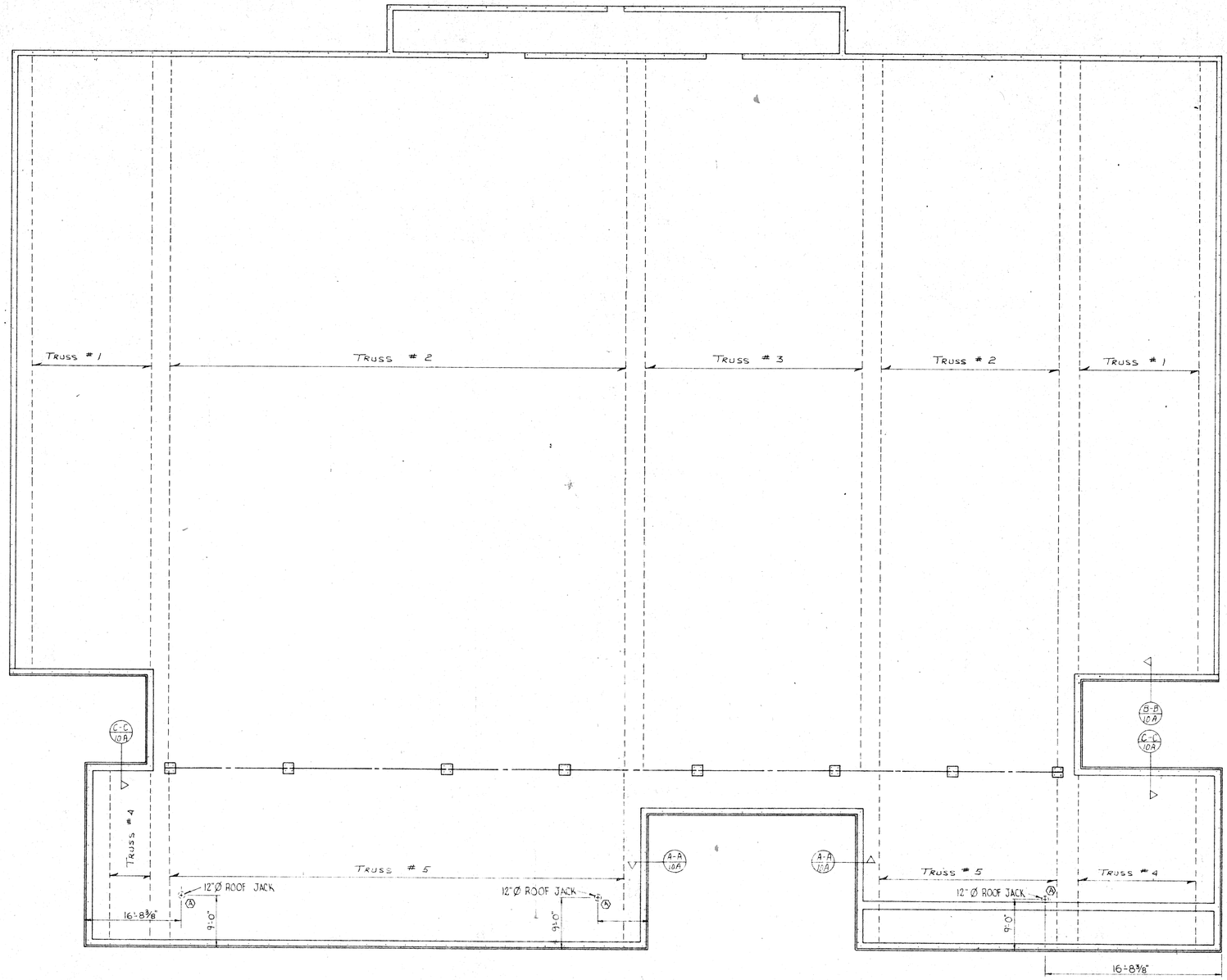
BEHLEN
MANUFACTURING CO. INC.
PANEL BUILDING SYSTEM
COLUMBUS, NEBRASKA

LETTER	DESCRIPTION (REVISIONS)	BY	DATE
Ⓐ	GENERAL REVISION.	G.E.J.	3-8-68

	BY	DATE
DRAWN	REM	6-8-67
CHECKED	JUNKER	10/11/67
SCALE:		

DETAIL NUMBER / DETAIL PAGE / DETAIL SYMBOL

FORT SILL BOWLING LANES
FORT SILL, OKLAHOMA 363-16
CROSS SECTIONS
B-15/2
G SHT. 3 OF 11



FOR DESIGN OF BEHLEN STRUCTURAL SYSTEM ONLY
3-7-68
R. J. Hajek

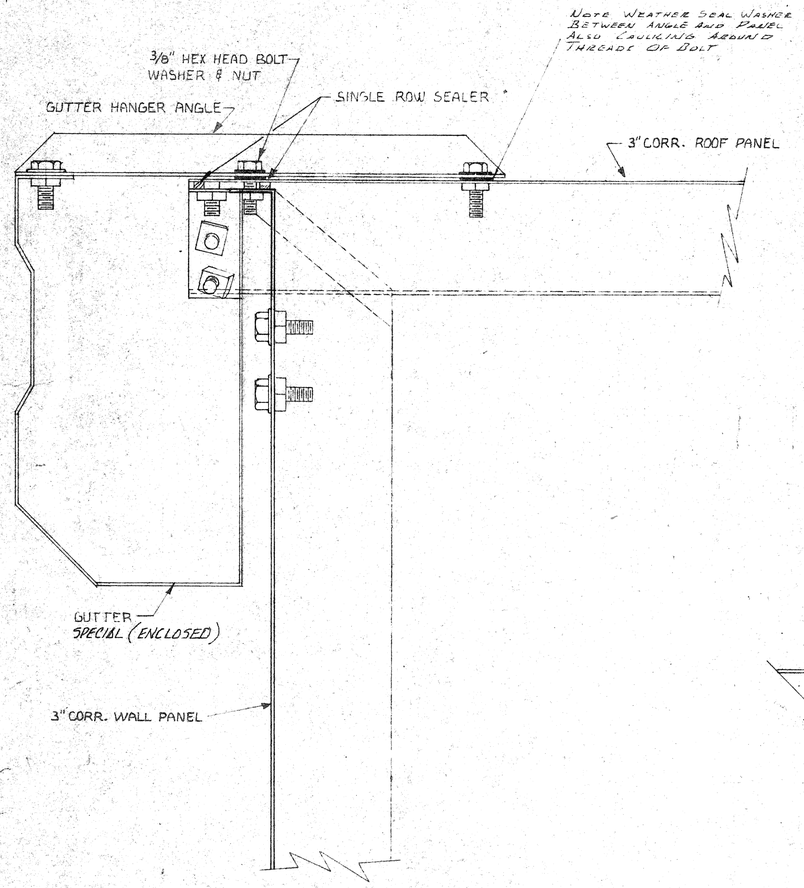
363-18

LET.	REVISIONS	BY	DATE
A	GENERAL REVISION.	G.E.	3/5/68

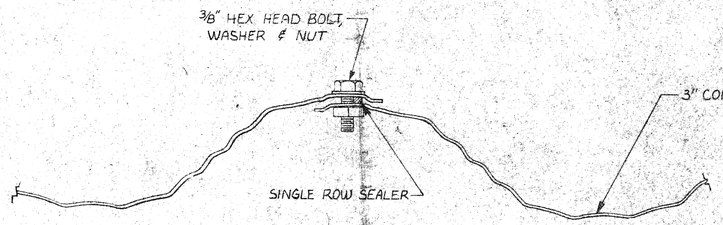
DR. G.G. DATE 10-9-67
CKD. JUNKER DATE 10/10/67
SCALE

BEHLEN MANUFACTURING COMPANY
COLUMBUS, NEBRASKA

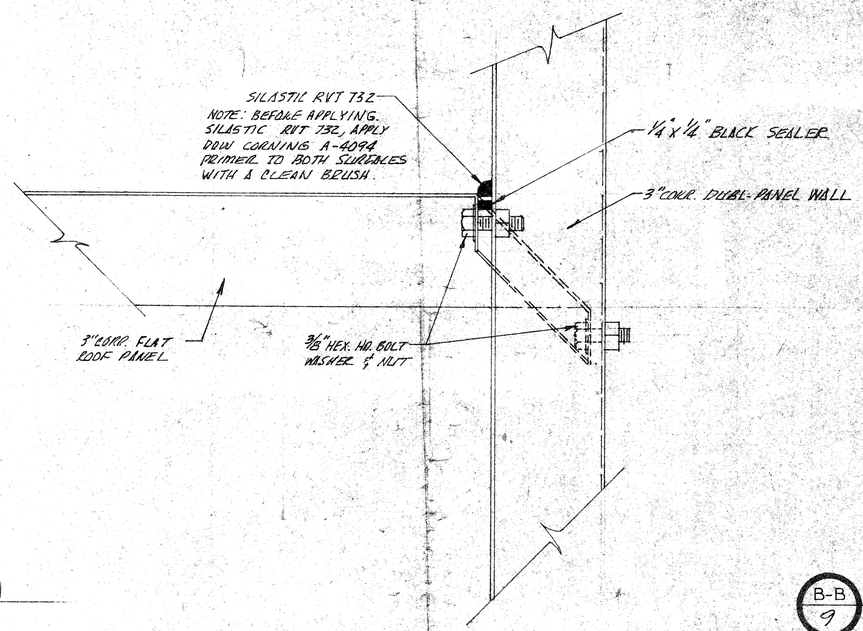
TITLE: TRUSS LOCATION PLAN
DWG. NO. B-1512 G. 4"A" 11



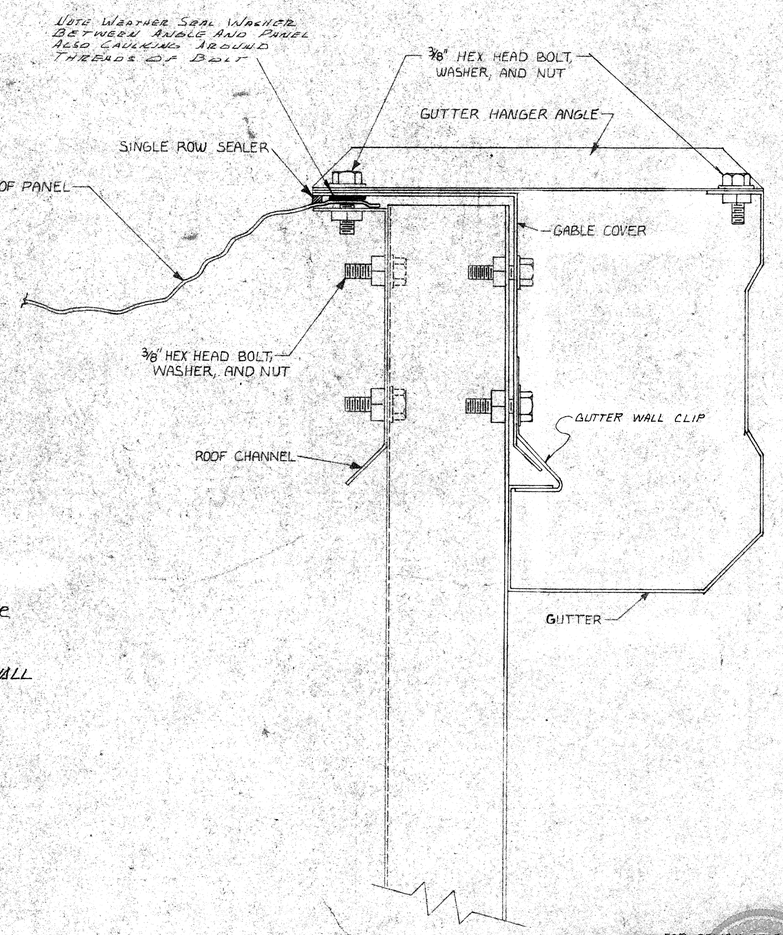
A-A / 9 SECTION THROUGH 3" CORR. SIDEWALL (SINGLE PANEL)
3" CORR. ROOF PANEL TO 3" CORR. WALL PANEL



SECTION THROUGH ROOF SEAMLINE



SECTION THRU SINGLE PANEL ROOF (3" CORR.)
TO DUBL-PANEL WALL (3" CORR.)



B-B / 9 SECTION THROUGH 3" CORR. ENDWALL (SINGLE PANEL)
3" CORR. ROOF PANEL TO 3" CORR. WALL PANEL

FOR DESIGN OF BEHLEN STRUCTURAL SYSTEM ONLY
3-7-68
R. J. Hajek

B	GENERAL REVISIONS	EE	3-5-68					363-23
ADD.	SECTION THRU ROOF SEAM	JH	3-25-68	DR. REM	DATE 6-8-67	Behlen MANUFACTURING COMPANY COLUMBUS NEBRASKA	TITLE CROSS-SECTION THRU FLAT ROOF-3" CORR. ROOF TO 3" CORR. WALL	
A	CHANGED CAULKING AND SEALER DETAIL ON ROOF SEAM	GS	1-10-6	CKD Junker	DATE 10/10/67		DWG NO. B-1512	G 911
LET.	REVISIONS	BY	DATE	SCALE				

MARCH 7, 1968