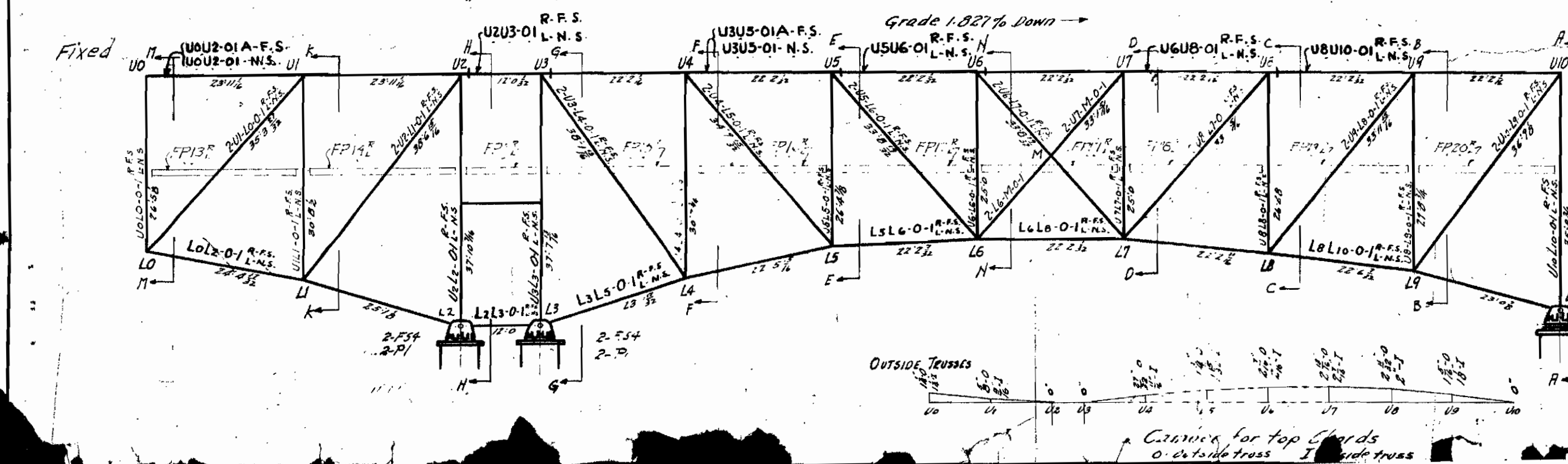
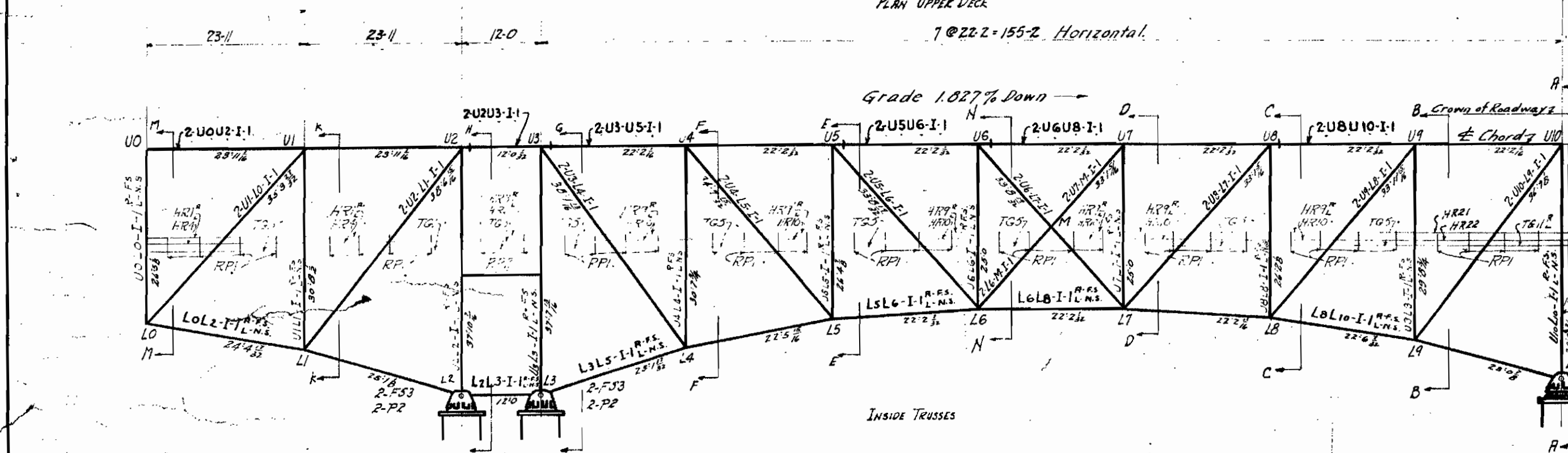
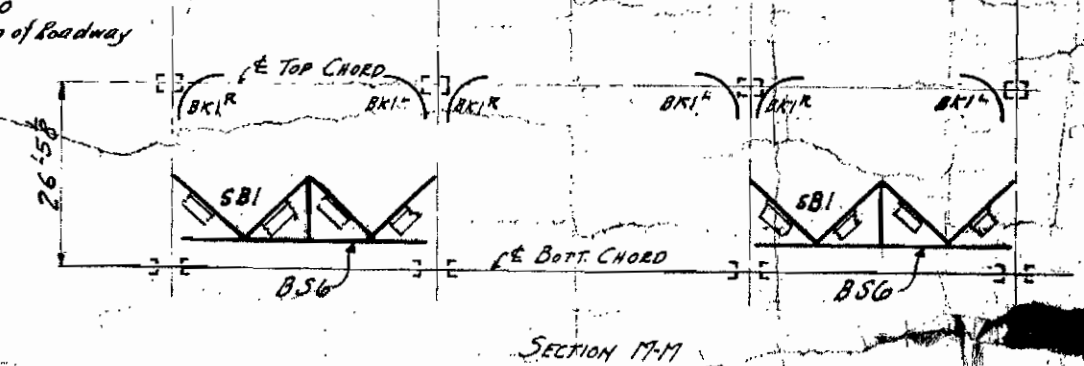
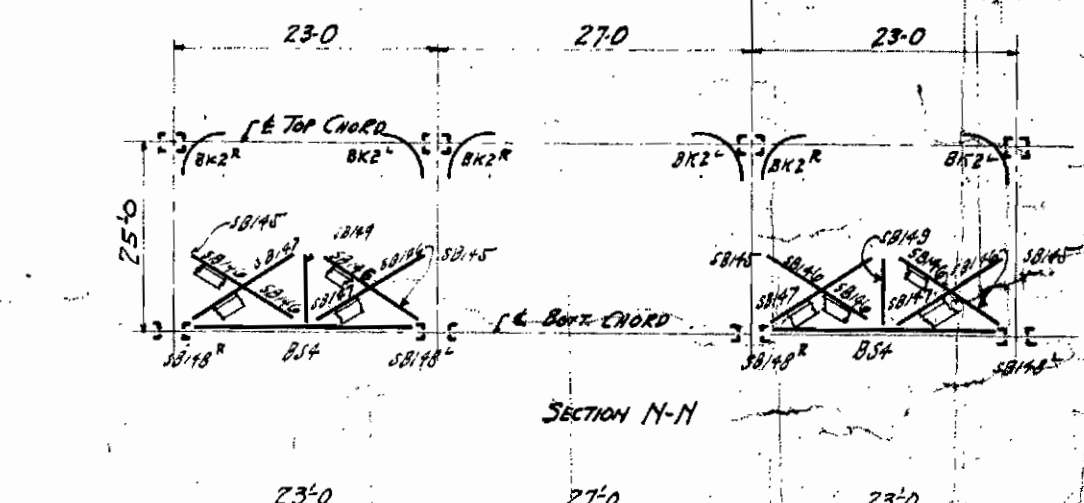
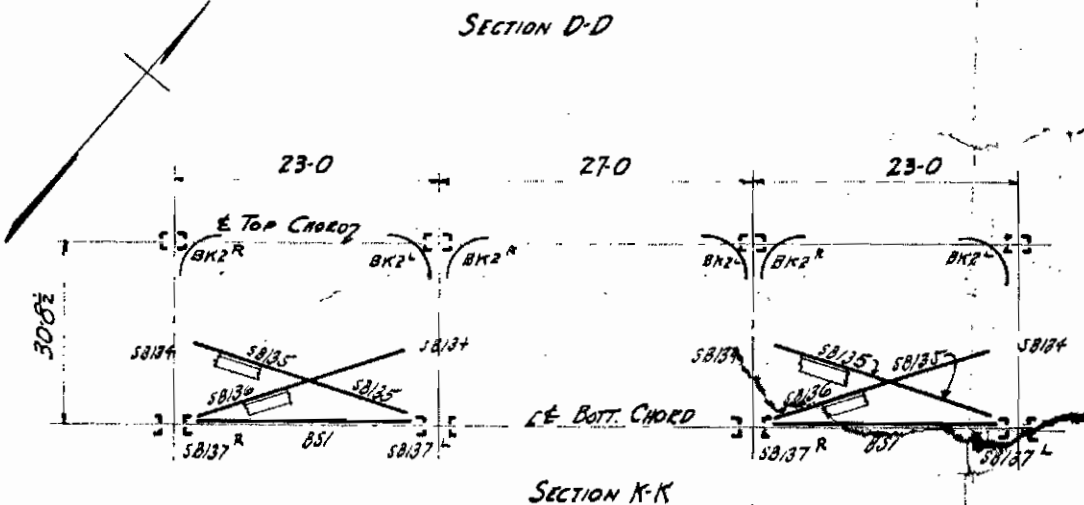
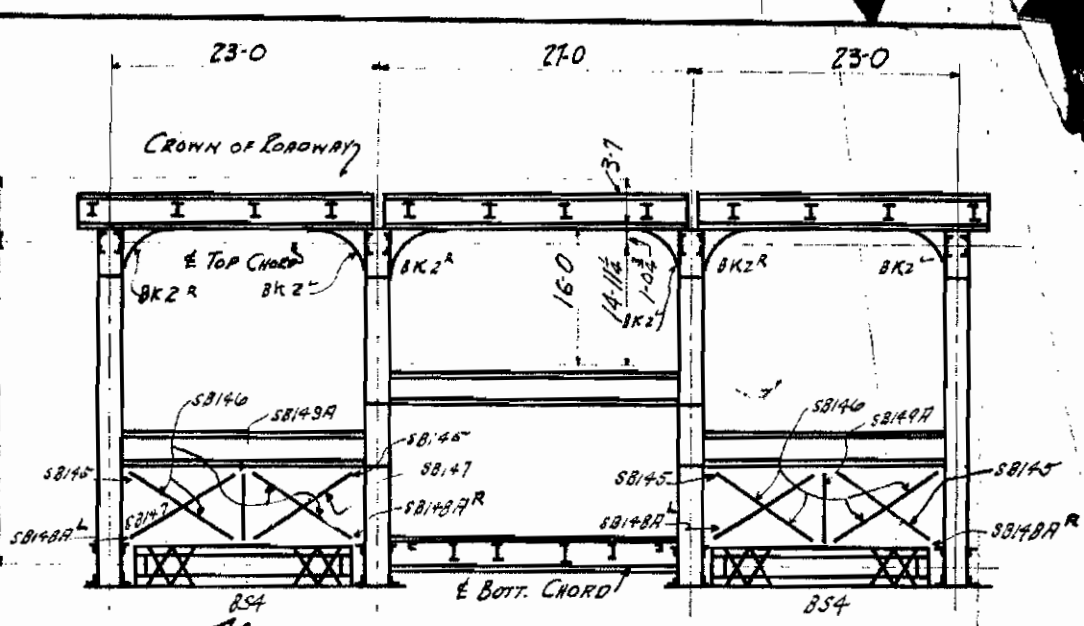


List of Drawings

1	This Drawing
2	Deck Section
3	Castings
4	Plan - Rollers
5	Slabs & Oil Bores
6	Finger Castings
7	do.
8	Upper Deck Floor Beams
9	Stringers
10	Lower Floor Beams
11	Stringer Top-End Details
12	Utility Deck Stringers
13	Floor Beams
14	Bottom Strut
15	Chord Bracing
16	Brackets
17	Hand Rail Facia Plates
18	do.
19	Salvage Chords
20	Bottom Chord Substructure
21	Top Chord Abutment
22	Top Chord Abutment
23	Top Chord Abutment
24	Top Chord Abutment
25	Top Chord Abutment
26	Top Chord Abutment
27	Top Chord Abutment
28	Top Chord Abutment
29	Top Chord Abutment
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92	Top Chord Abutment
93	Top Chord Abutment
94	Top Chord Abutment
95	Top Chord Abutment
96	Top Chord Abutment
97	Top Chord Abutment
98	Top Chord Abutment
99	Top Chord Abutment
100	Top Chord Abutment



Expansion

R - Far Truss
L - Near Truss

2-E56
2-RN6
2-P1
2-MP3

2-E55
2-RN5
2-P1
2-MP1

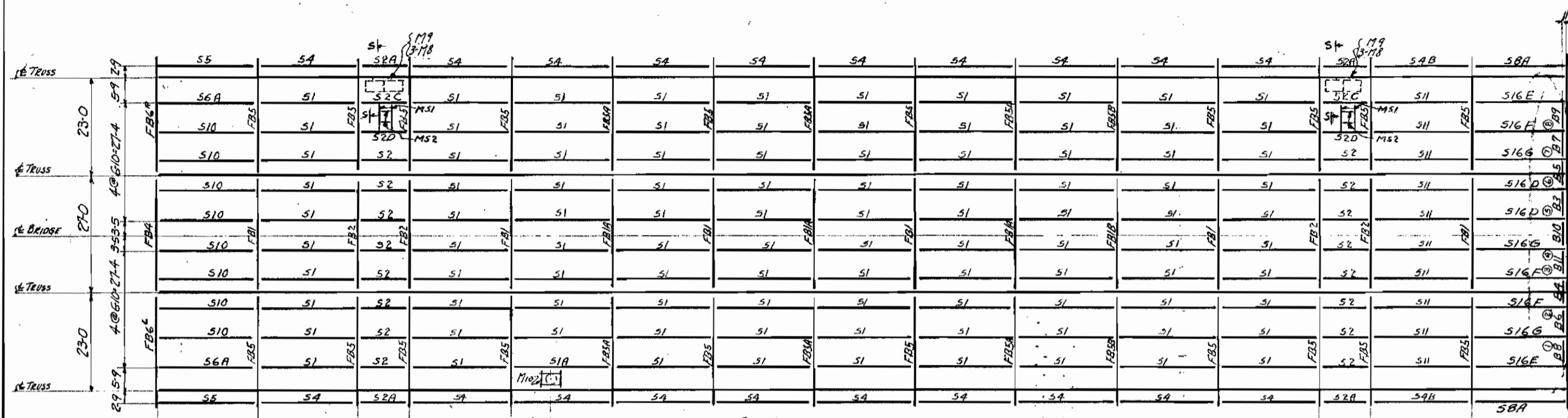
Note to Erector:

All pieces marked M10 to be erected by deck contractor.

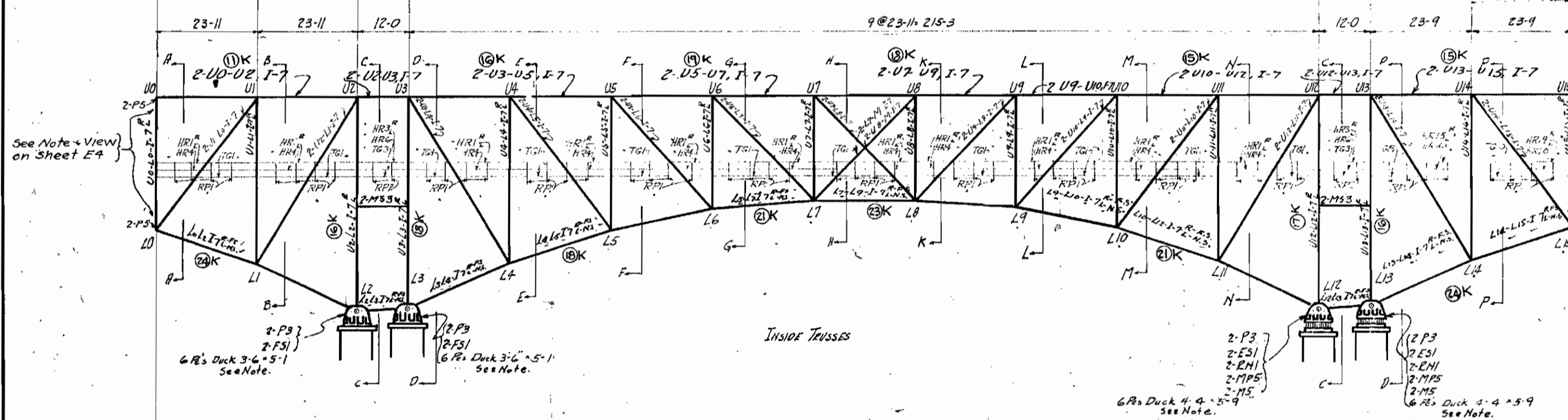
In upper deck stringers SH1 (detailed on sheet 73) to be placed one at the end of each stringer where necessary where stringers are not at bottom.

No. 5 - Field Paint: Two coats of gray paint - the first coat being as dark as that on the second coat and prepared in accordance with the OHIO STATE HIGHWAY DEPARTMENT specifications for white and black.

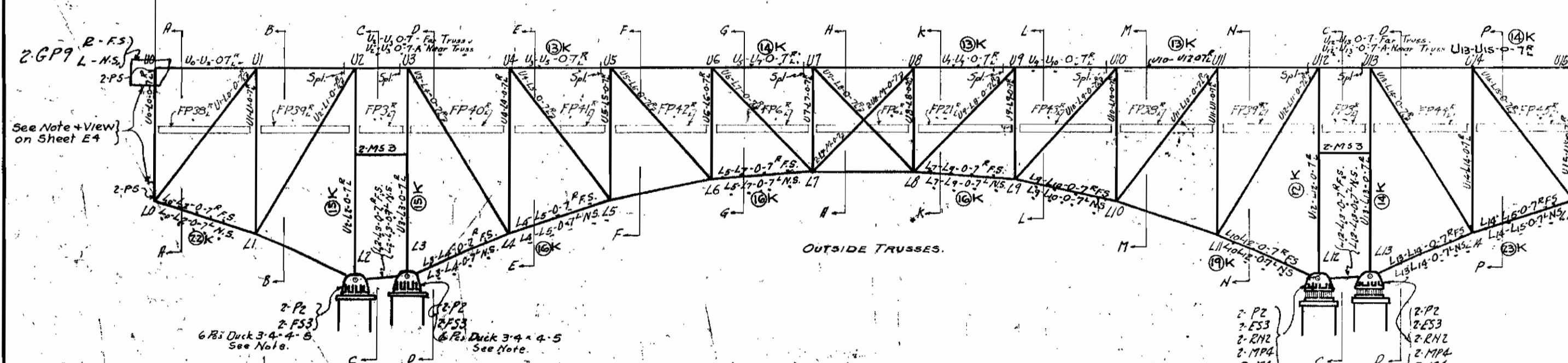
CUYAHOGA COUNTY
LORAIN CENTRAL BRIDGE
 CLEVELAND OHIO
 WILBUR WATSON AND F. R. WALKER ENGINEERS
 ERECTION PLAN - SPAN 1, Trusses, Upper Floor
THE MT. VERNON BRIDGE CO.
 MT. VERNON, OHIO
 IN CHARGE OF: [Signature]
 MADE BY: [Signature] 9-19-20 CHECKED BY: [Signature]
 CONT. NO. **5643** SHEET **51**



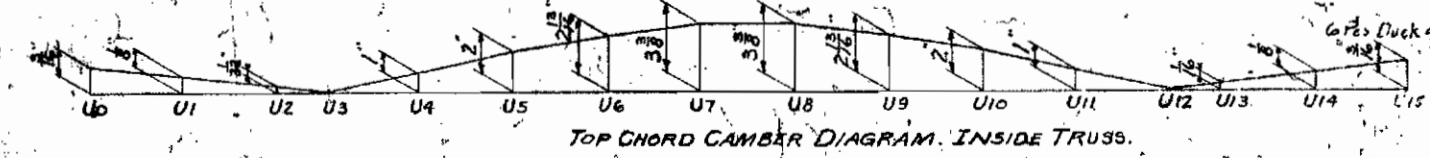
PLAN UPPER DECK



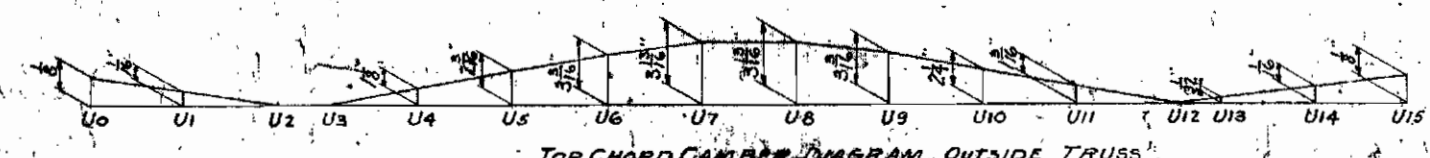
INSIDE TRUSSES



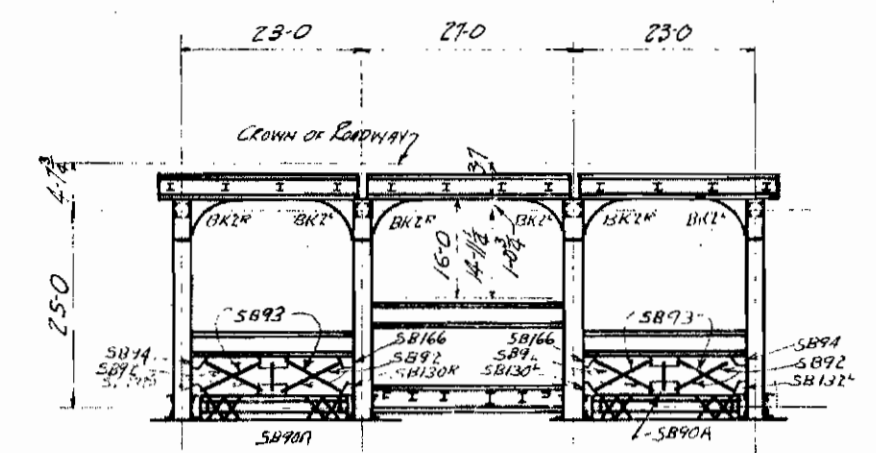
OUTSIDE TRUSSES



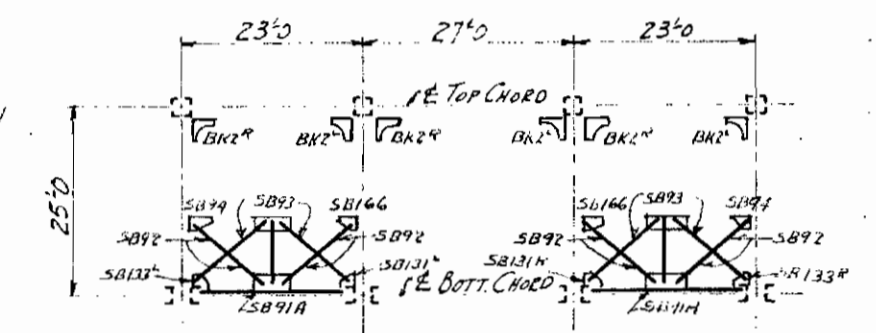
TOP CHORD CAMBER DIAGRAM, INSIDE TRUSS



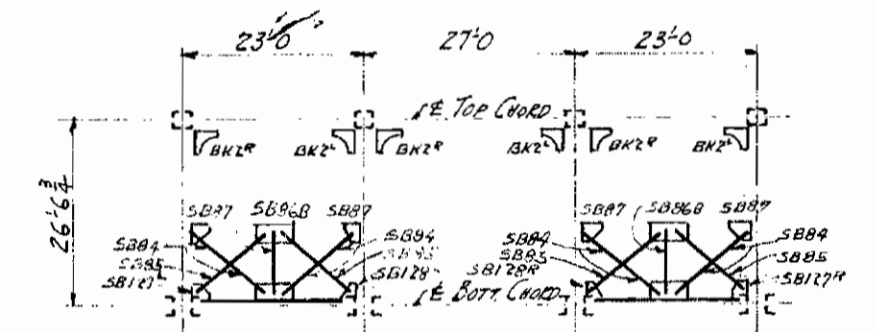
TOP CHORD CAMBER DIAGRAM, OUTSIDE TRUSS



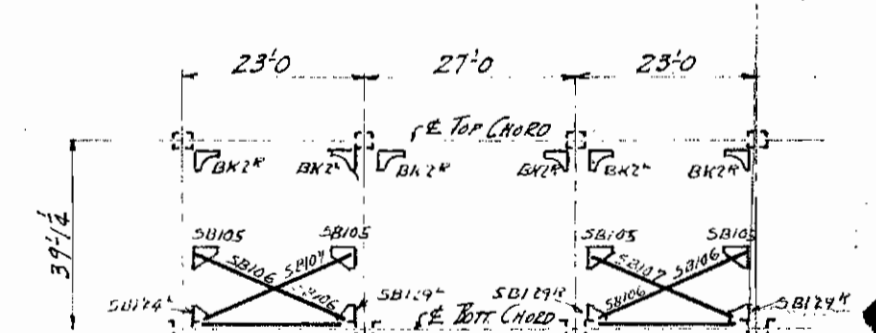
SECTION AA UT-L7



SECTION KK UB-L8



SECTION LL U9-L9



SECTION MM U11-L11

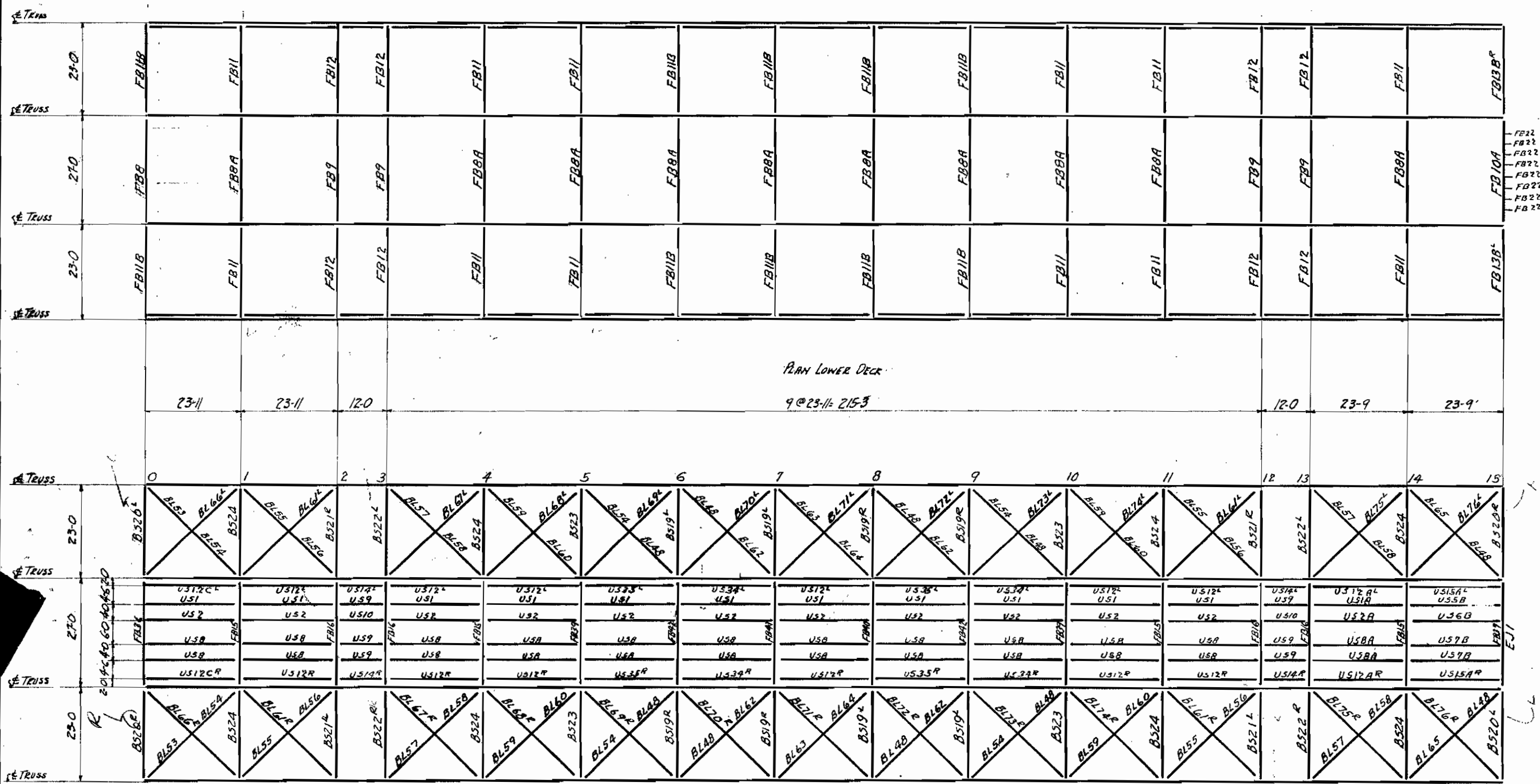
Thoroughly swab the bearing area under the masonry plates and fixed shoes with Red Lead and place upon it 3 layers of 12 to 14 ounce duck, each layer being thoroughly swabbed top surface with Red Lead Paint. Place Masonry and shoes while paint is put on.

Shop Note for Matchmarking. Shop mark Inside Trusses North + South. Outside Castings and Stringers match marked thus (O) etc.

FOR ADDITIONAL SECTIONS SEE DRG. E11

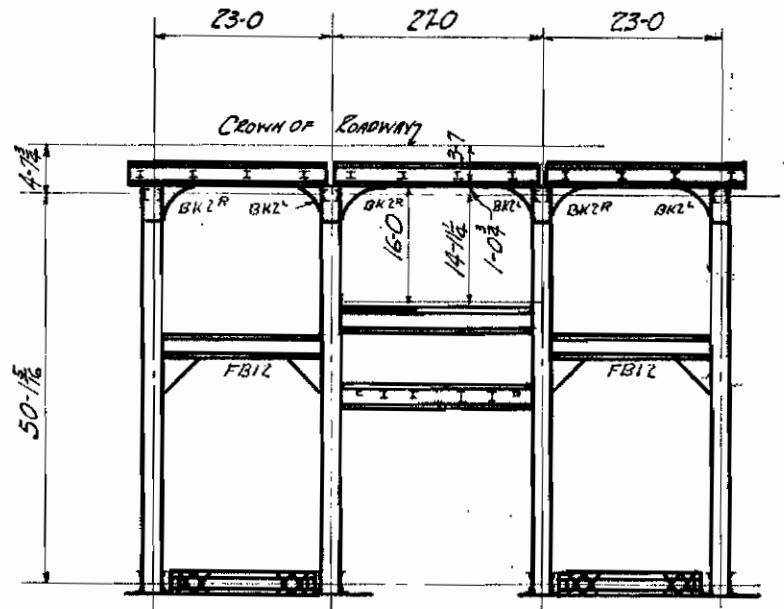
MATERIAL	CUYAHOGA
SPECIFICATIONS	LORAIN CENTRE
SHOP INSPECTION BY	CLEVELAND
SHOP PAINT	WILBUR WATSON AND
FIELD PAINT	ERECTION PLAN 5
RIVETS	THE MT. VERNON
HOLES PUNCHED	IN CHARGE OF
REAMING	MADE BY
FIELD CONNECTIONS	CONT. NO. 563
ERECTED BY	

NOTE TO ERECTOR:- ALL PIECES MARKED (O) TO BE ERECTED BY DECK CONTRACTOR. Beams B3 to B11 incl. must be erected before Stringers are bolted to Floor Beams. Drive rivets at splices in Top Flange View of Top Chords before those in webs are driven.

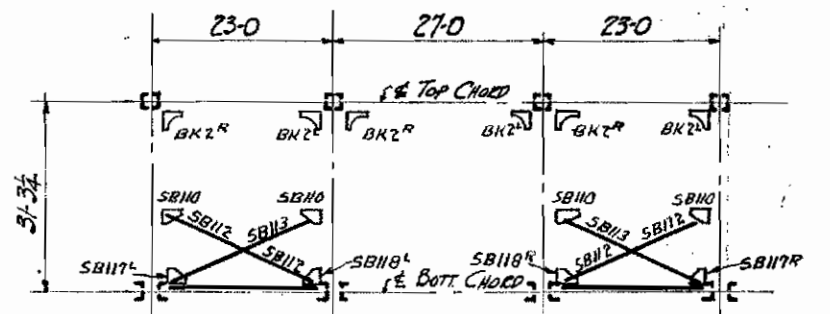


PLAN LOWER DECK
9 @ 23-11/215-3

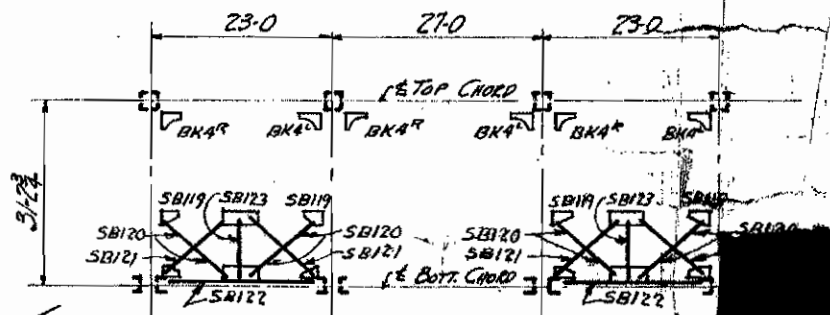
PLAN BOT. LATERALS & UTILITY FLOOR



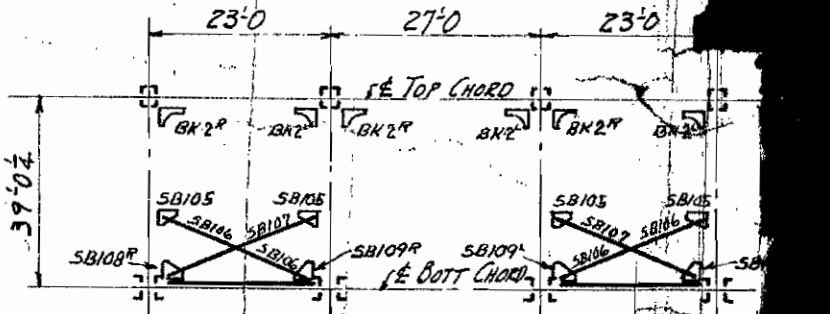
SECTION GC @ U2-L2 - U12-L12



SECTION MM @ U10-L10

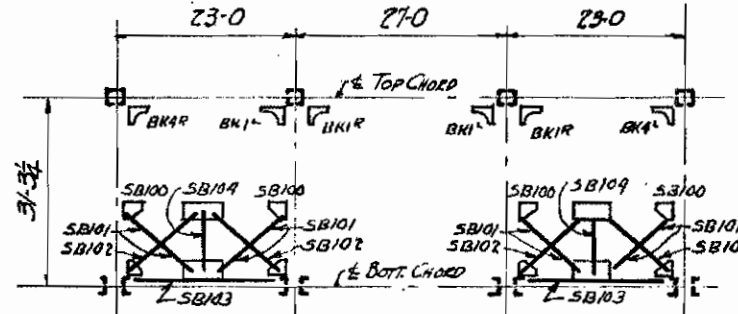


SECTION RR @ U15-L15

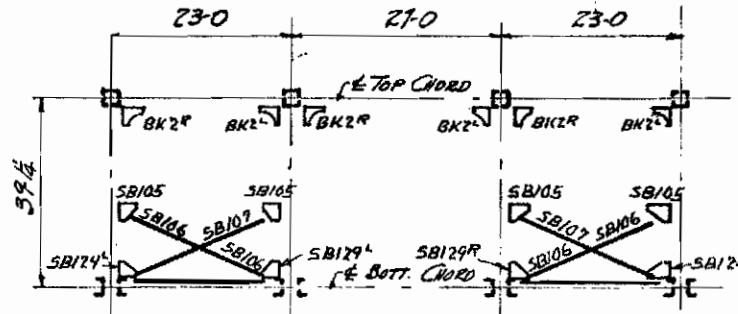


SECTION PP @ U14-L14

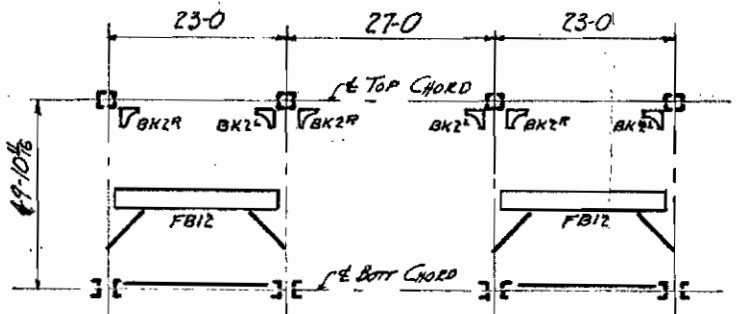
FOR REFERENCE



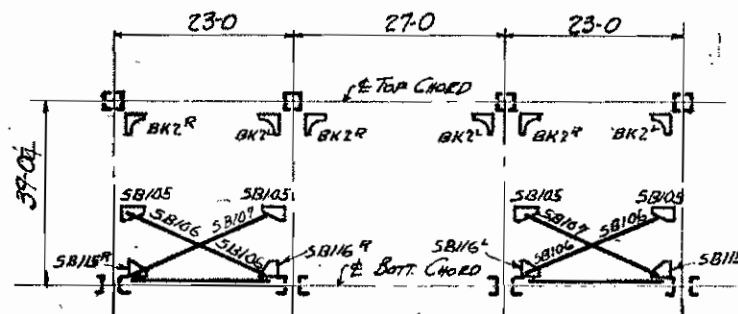
SECTION AA @ U0-L0



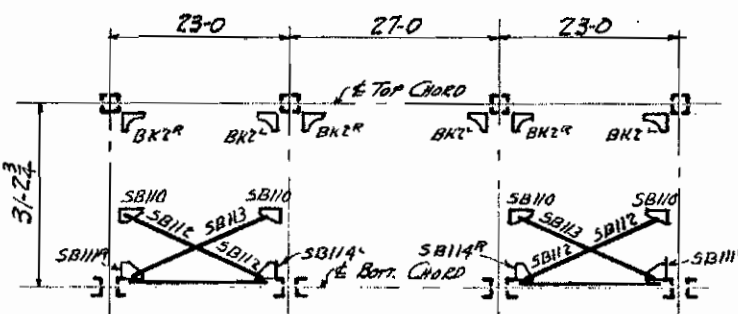
SECTION BB @ U1-L1



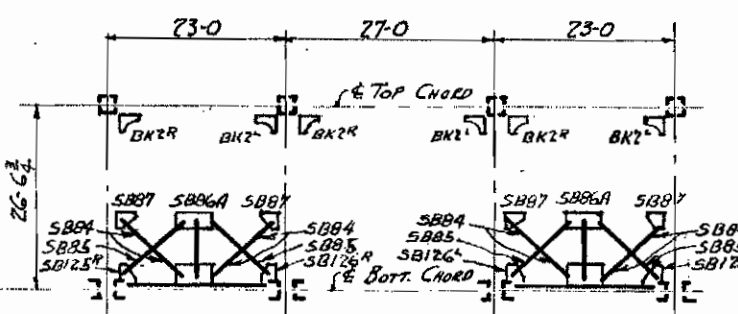
SECTION DD @ U3-L3 - U13-L13



SECTION EE @ U4-L4



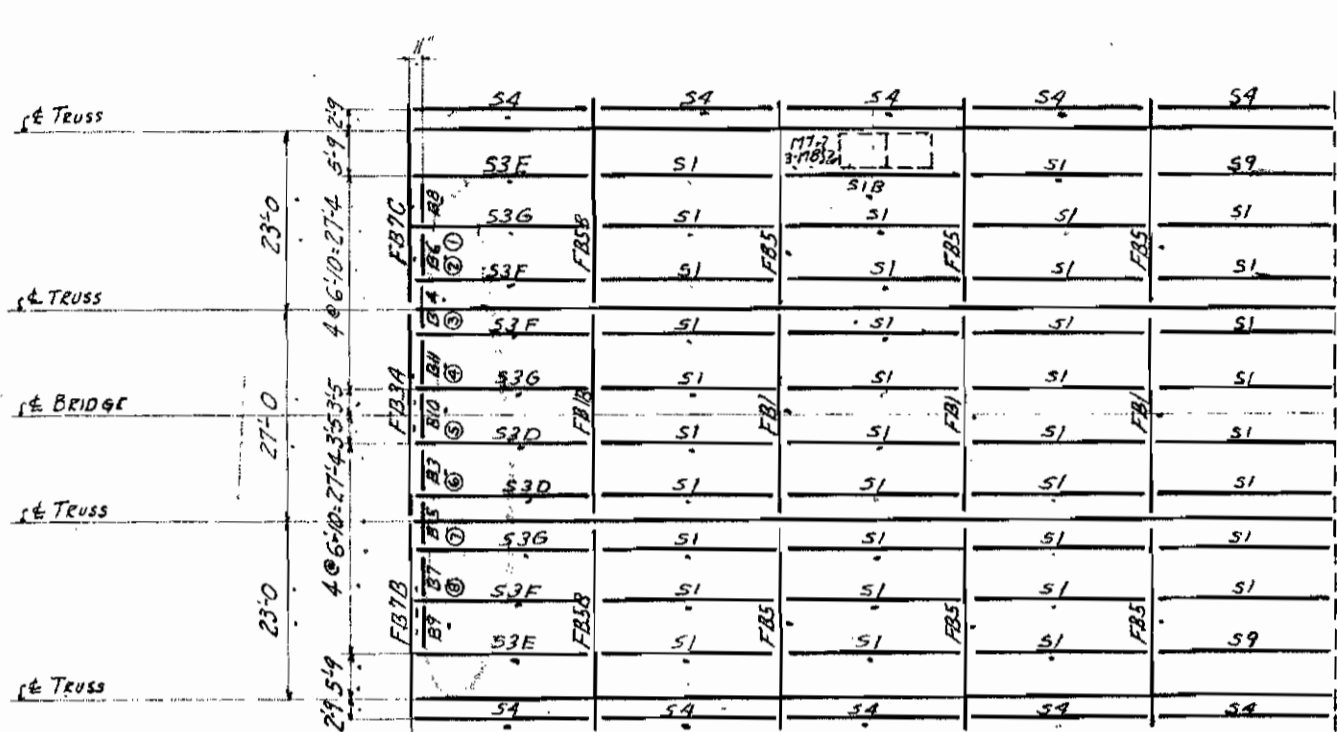
SECTION FF @ U5-L5



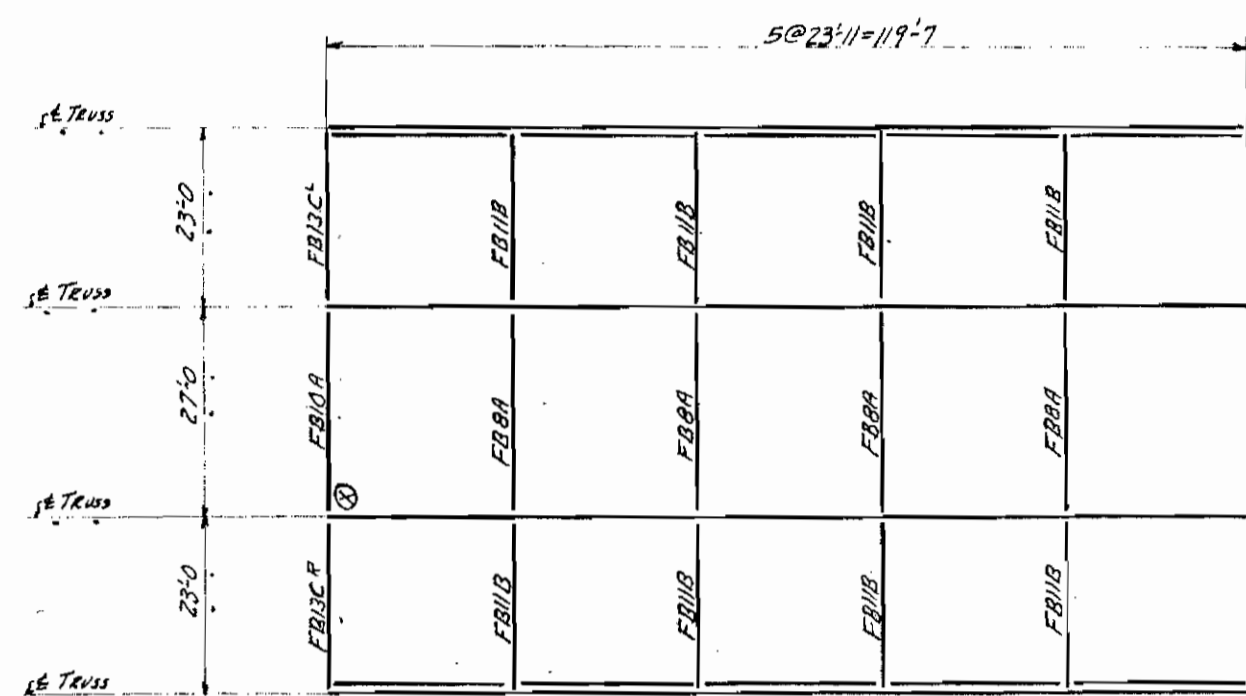
SECTION GG @ U6-L6

MATERIAL SPECIFICATIONS... SHOP INSPECTION BY... SHOP PAINT... FIELD PAINT... RIVETS... HOLES PUNCHED... REAMING... FIELD CONNECTIONS... CONTACTED BY...

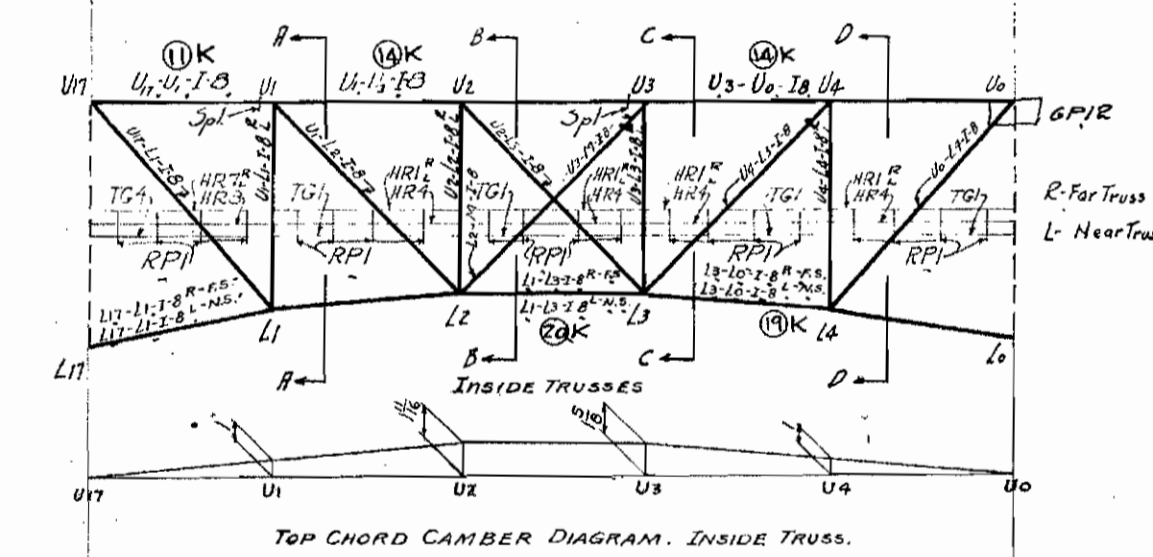
CUYAHO
LORAIN CEMENT CO.
CLEVELAND
WILBUR WATSON AND ASSOCIATES
ERECTOR PLAN SPAN
THE MT. VERNON



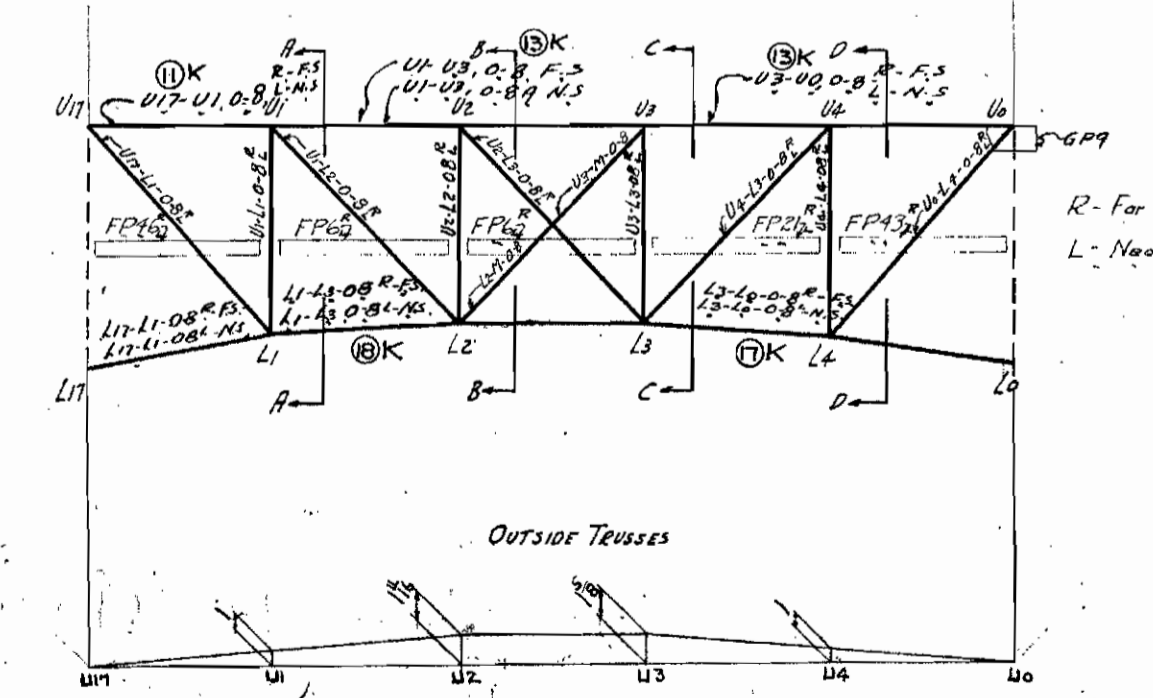
PLAN UPPER DECK



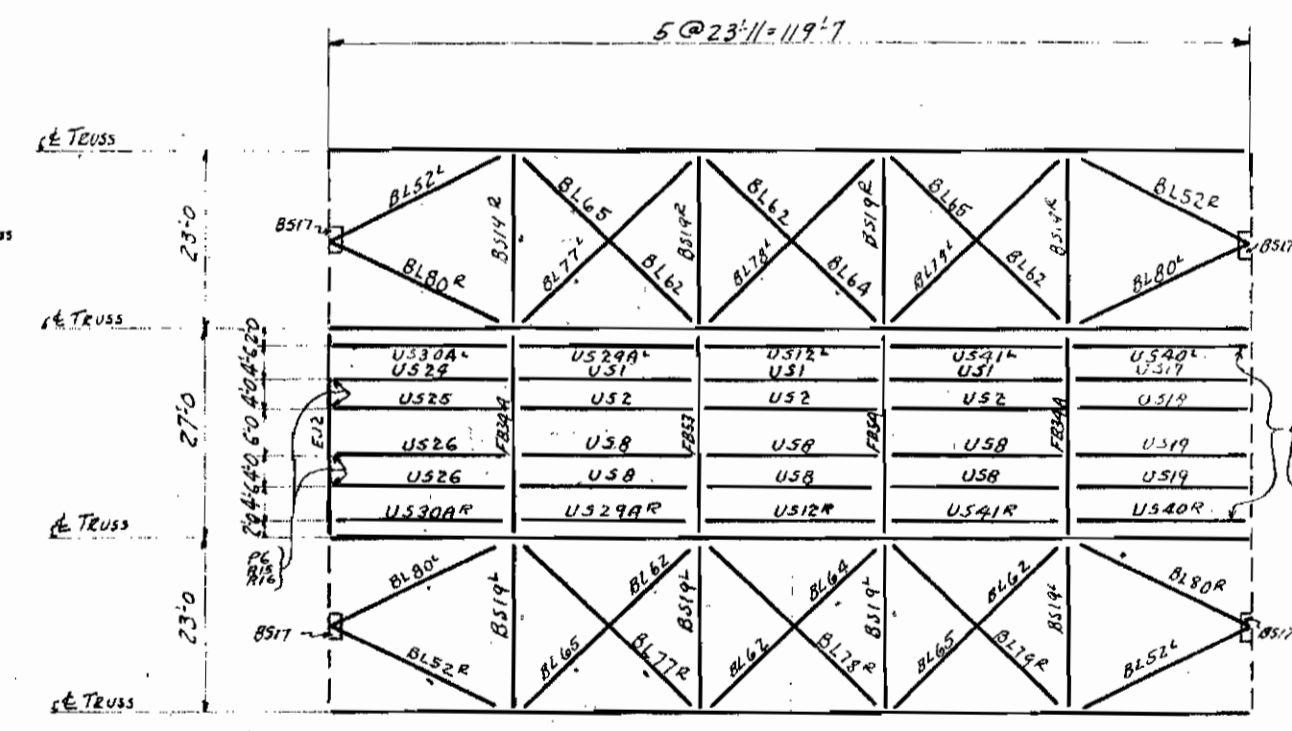
PLAN LOWER DECK



TOP CHORD CAMBER DIAGRAM, INSIDE TRUSS.



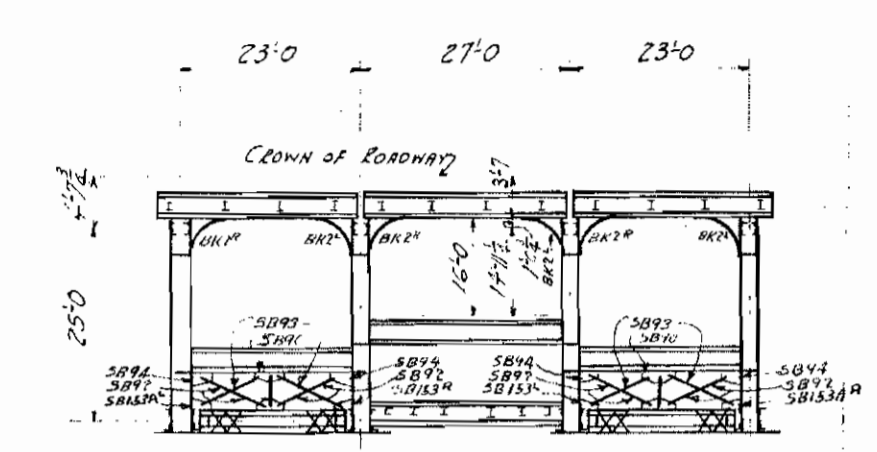
TOP CHORD CAMBER DIAGRAM, OUTSIDE TRUSS.



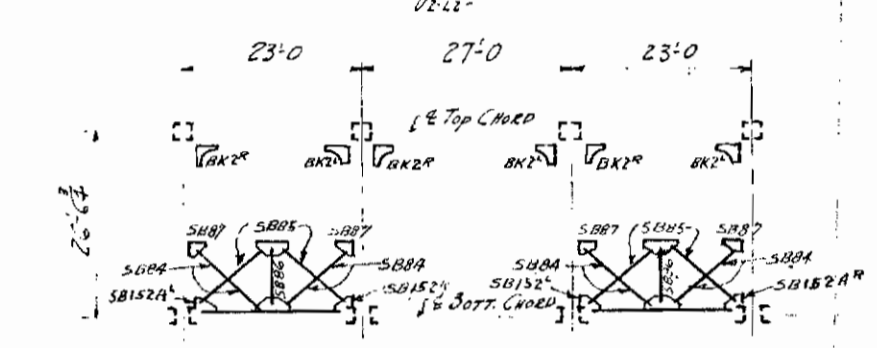
PLAN BOTH LATERALS & UTILITY FLOOR

Shop Note for Matchmarking.
Shop mark Inside Trusses "North and South"
Outside
Castings and Stringers matchmarked thus (K) etc.

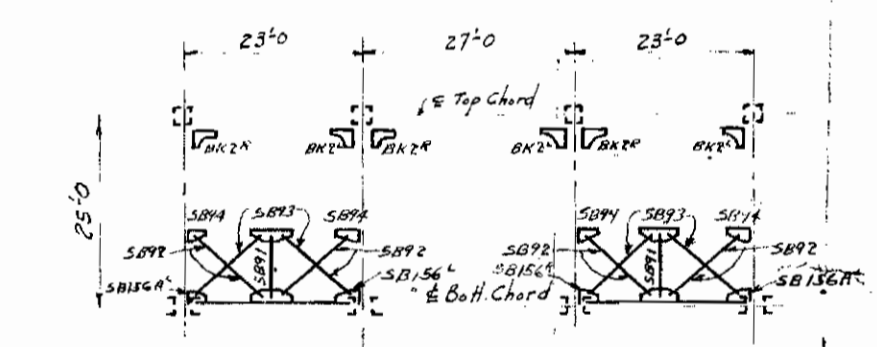
ERECTOR'S NOTE.
Drive rivets at Top Chord splices in Top Flange view before those in web are driven.
B3 to B11 incl. must be erected before stringers are bolted to floor beams
On upper deck, shims SH (detailed on Sheet 73) to be placed one at the end of each stringer where necessary where stringers are riveted both ends.
Erector to drive rivets in open holes in Hitch Plates @ U4 Top & Bottom.



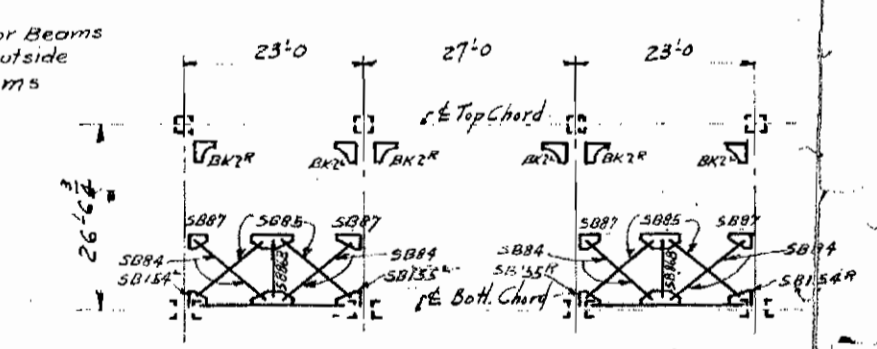
SECTION B-B U-4-L



SECTION A-A U-4-L

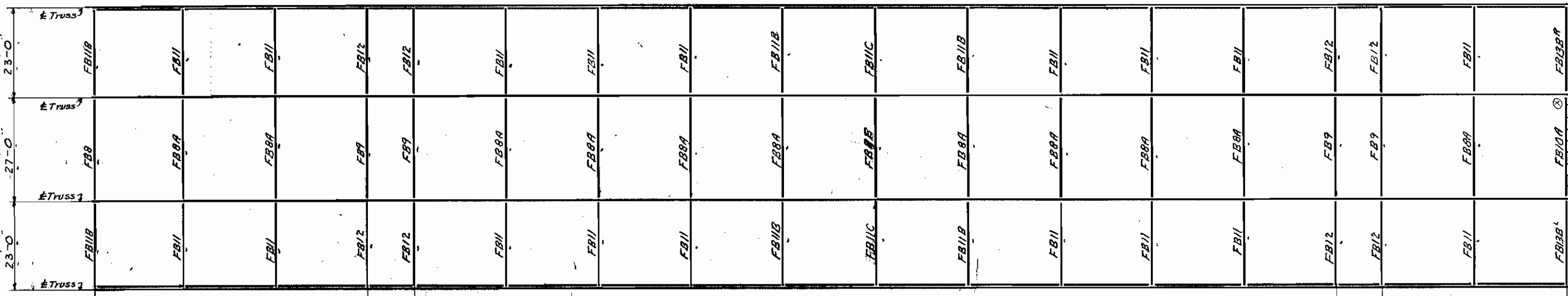


SECTION C-C U3-B

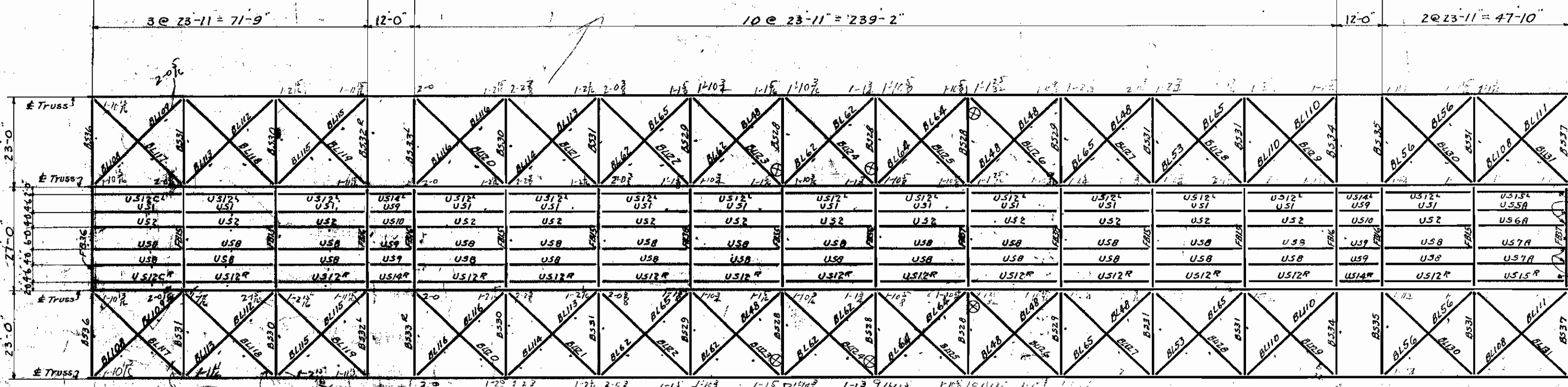


SECTION D-D U4-L

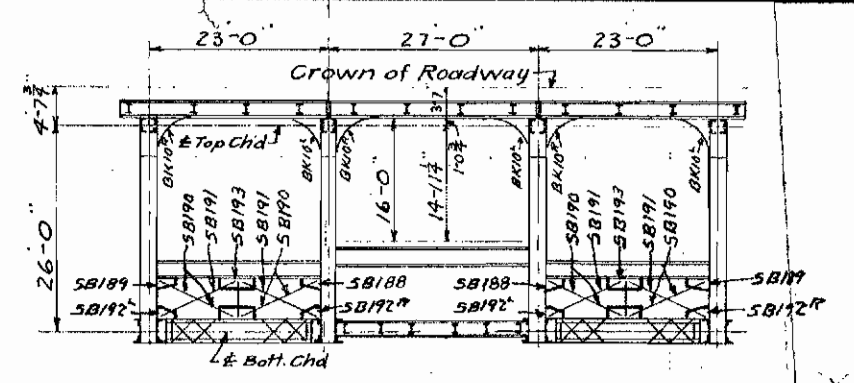
MATERIAL SPECIFICATIONS	CUYAHOGA
SHOP INSPECTION BY SHOP PAINT	LORAIN CEN
	CLEVELAND
	WILBUR WATSON AND P
	ERECTOR PLAN
	THE MT. VERN
	MT. VERN
	IN CHARGE OF White
	MADE BY SP
	CHECKED BY
	CON'T. NO. 5643
	SHEET



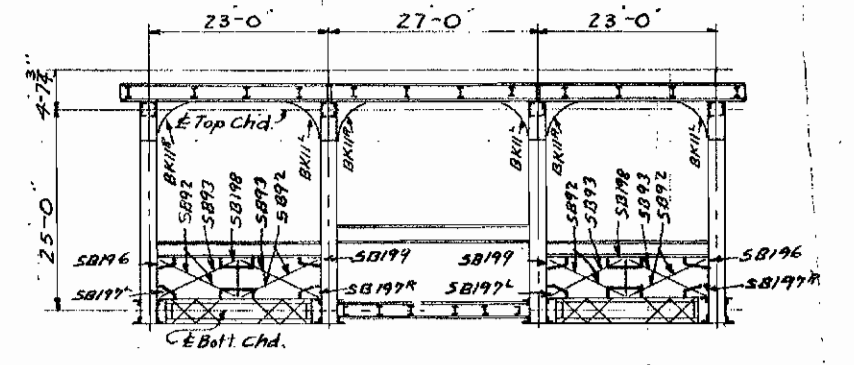
Plan of Lower Deck.



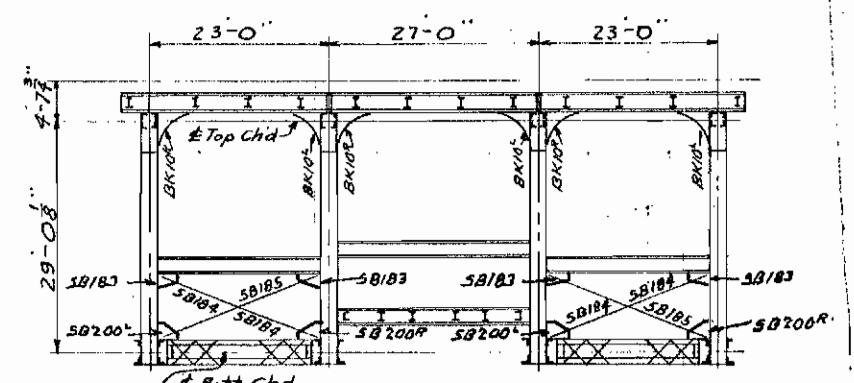
Plan of Utility Floor and Bottom Laterals.



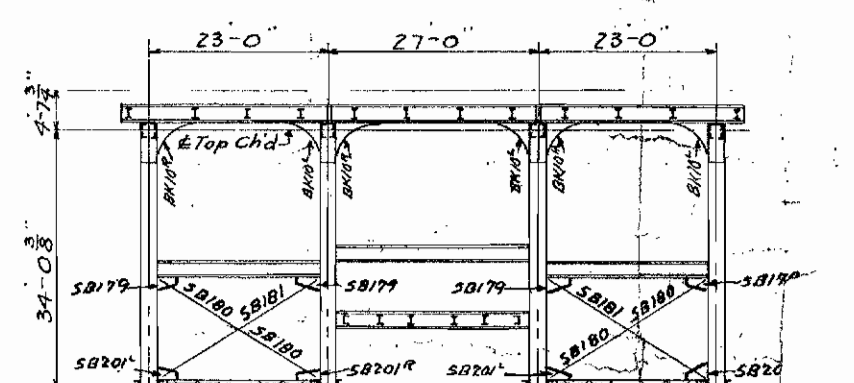
Section K-K



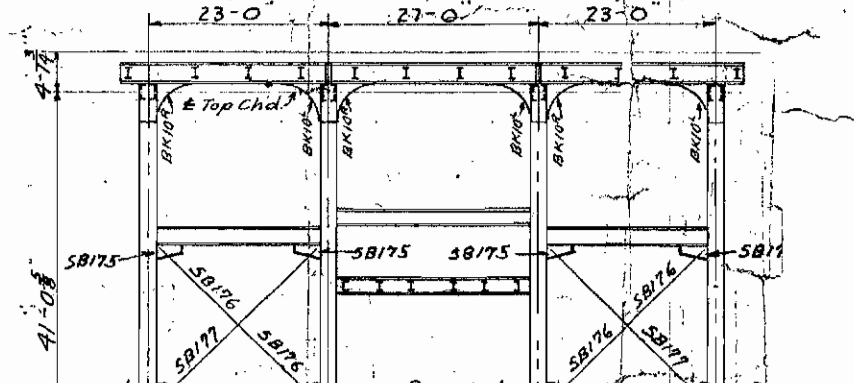
Section L-L



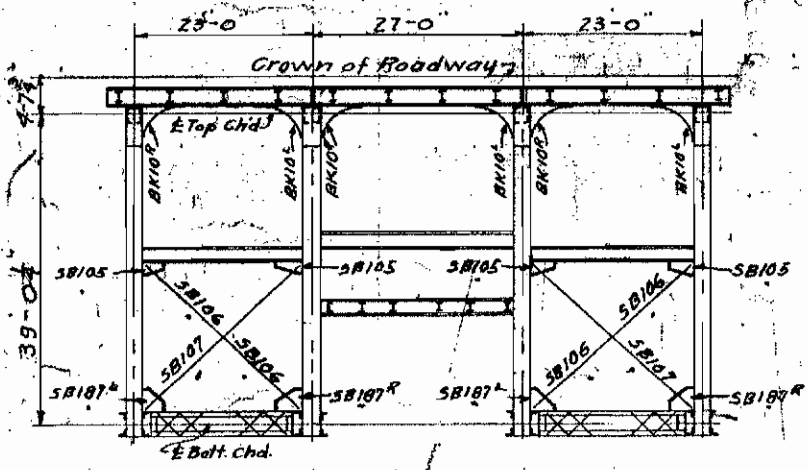
Section M-M



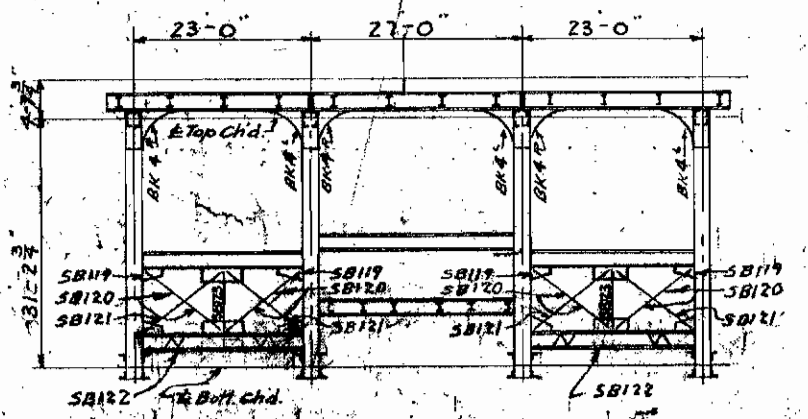
Section N-N



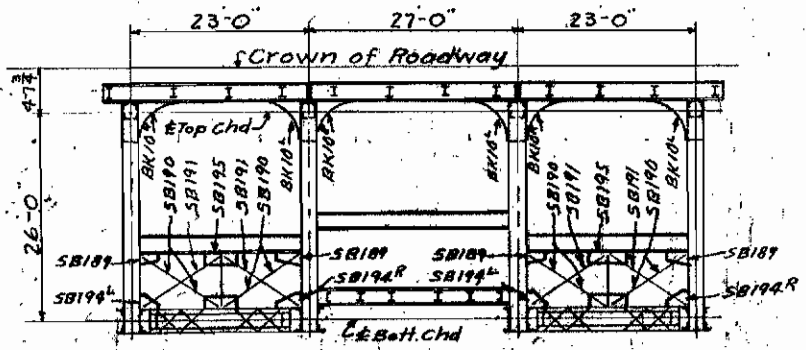
Section O-O



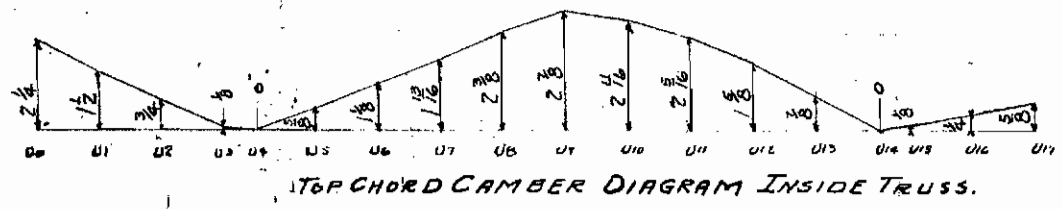
Section P-P



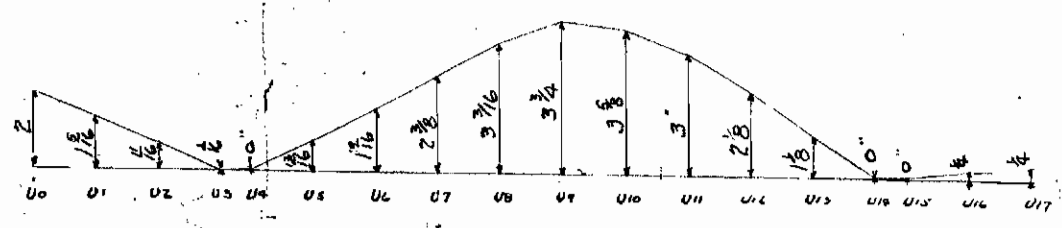
Section R-R



Section S-S



TOP CHORD CAMBER DIAGRAM INSIDE TRUSS.

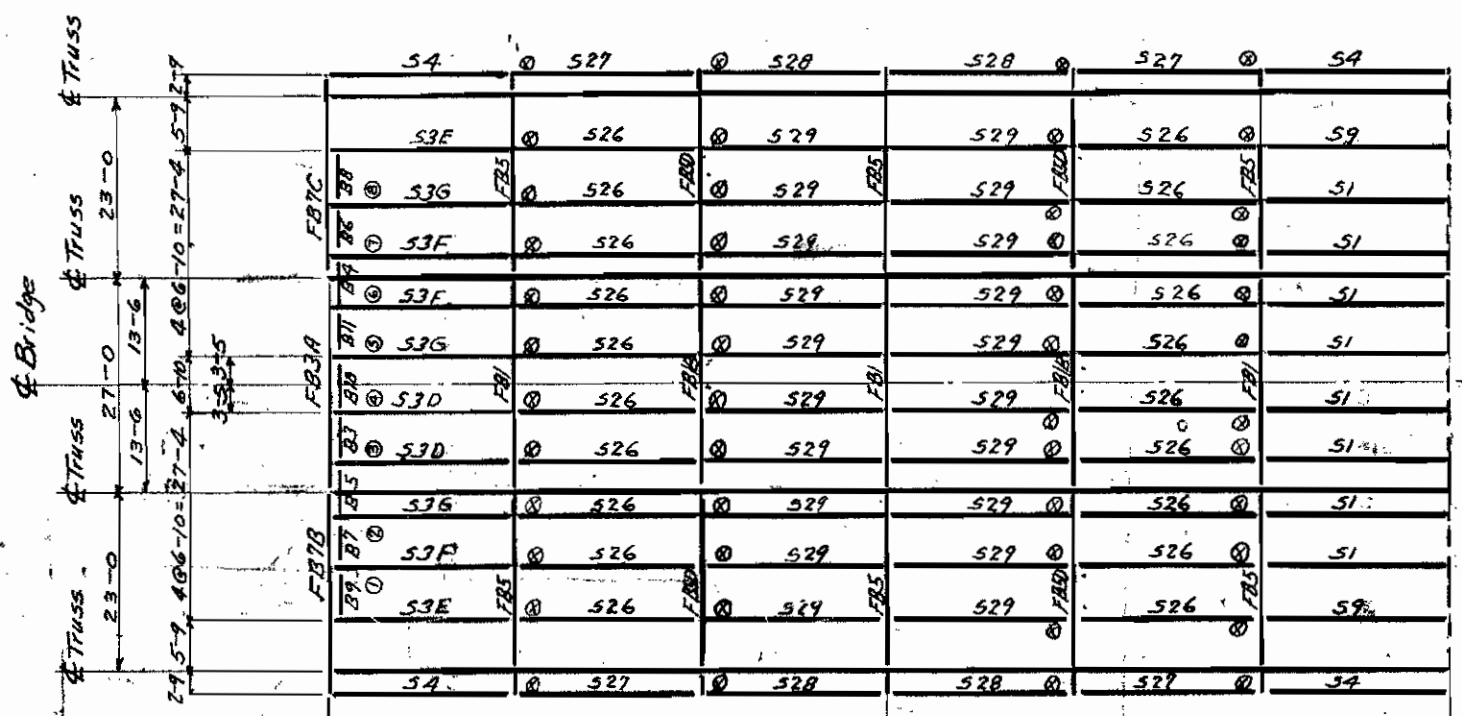


TOP CHORD CAMBER DIAGRAM OUTSIDE TRUSS.

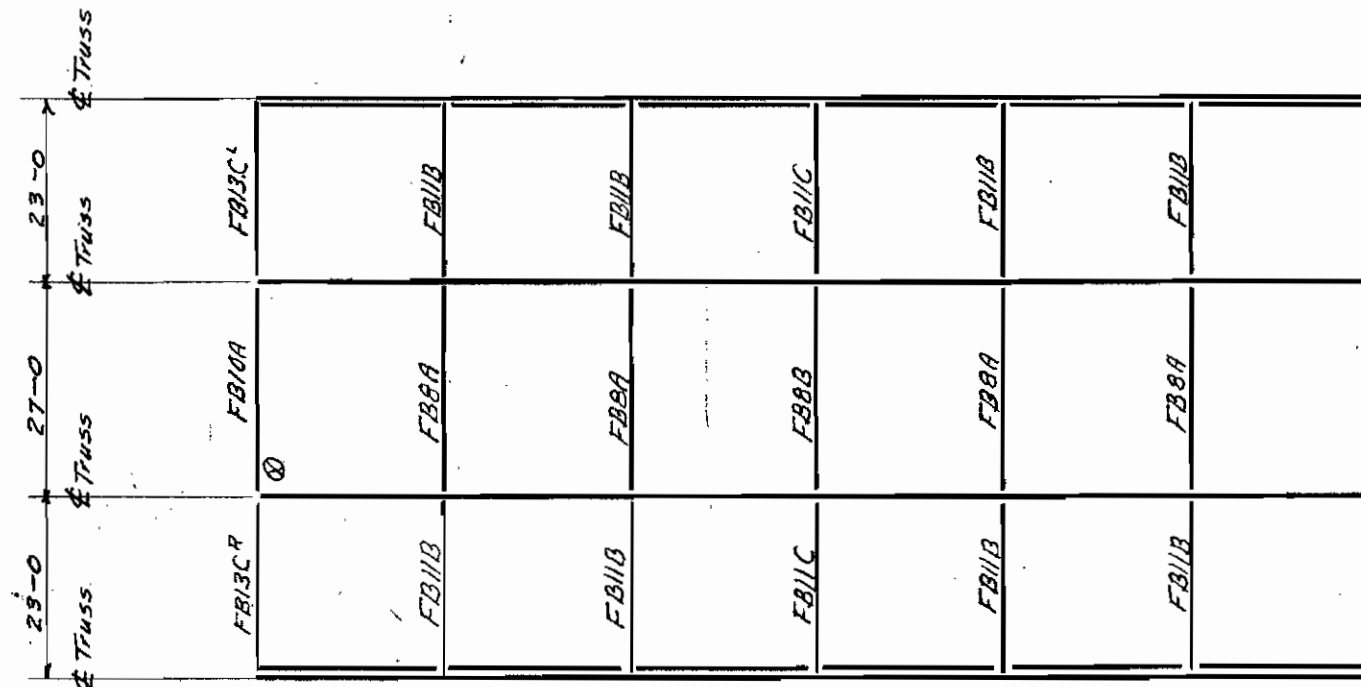
ERECTOR'S NOTE:
FLOOR BEAMS MUST BE RIVETED TO TRUSSES BEFORE TRUSSES ARE RIVETED TO FLOOR BEAMS ON OUTSIDE LINES

MATERIAL SPECIFICATIONS
SHOP INSPECTION BY SHOP PAINT
FIELD PAINT
RIVETS HOLES PUNCHED
REAMING
FIELD CONNECTIONS
EFFECTED BY

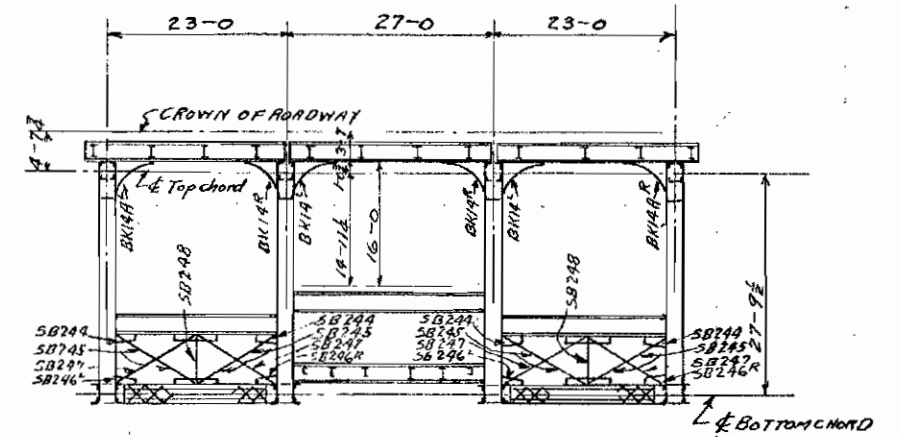
CUYAHOGA COUNTY
LORAIN CENTRAL BRIDGE
CLEVELAND OHIO
WILBER WATSON AND F. R. WALKER
ERECTION PLAN
THE MT. VERNON BRIDGE CO.
MT. VERNON, O.
IN CHARGE OF White
MADE BY J. P. 9/28/30 CHECKED BY J. P.
CONT. NO. 5643



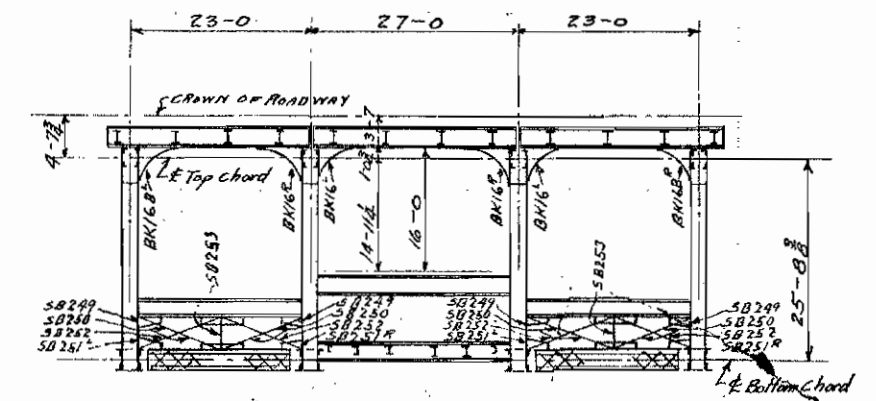
PLAN OF UPPER DECK



PLAN LOWER DECK

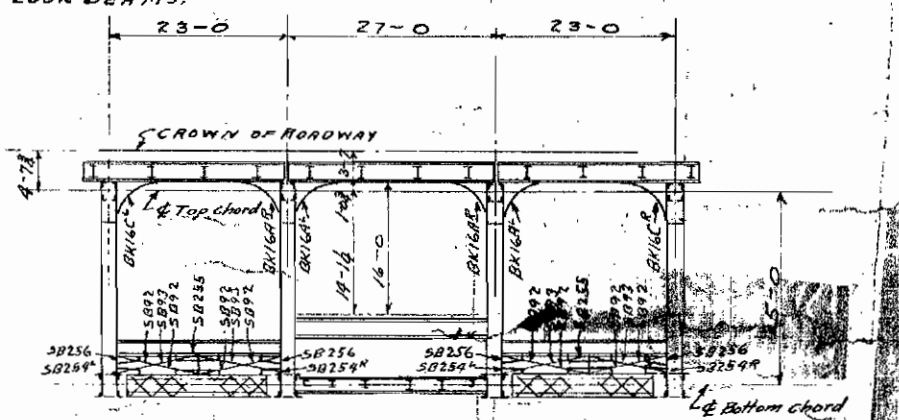


SECTION A-A U1-L1



SECTION B-B U2-L2

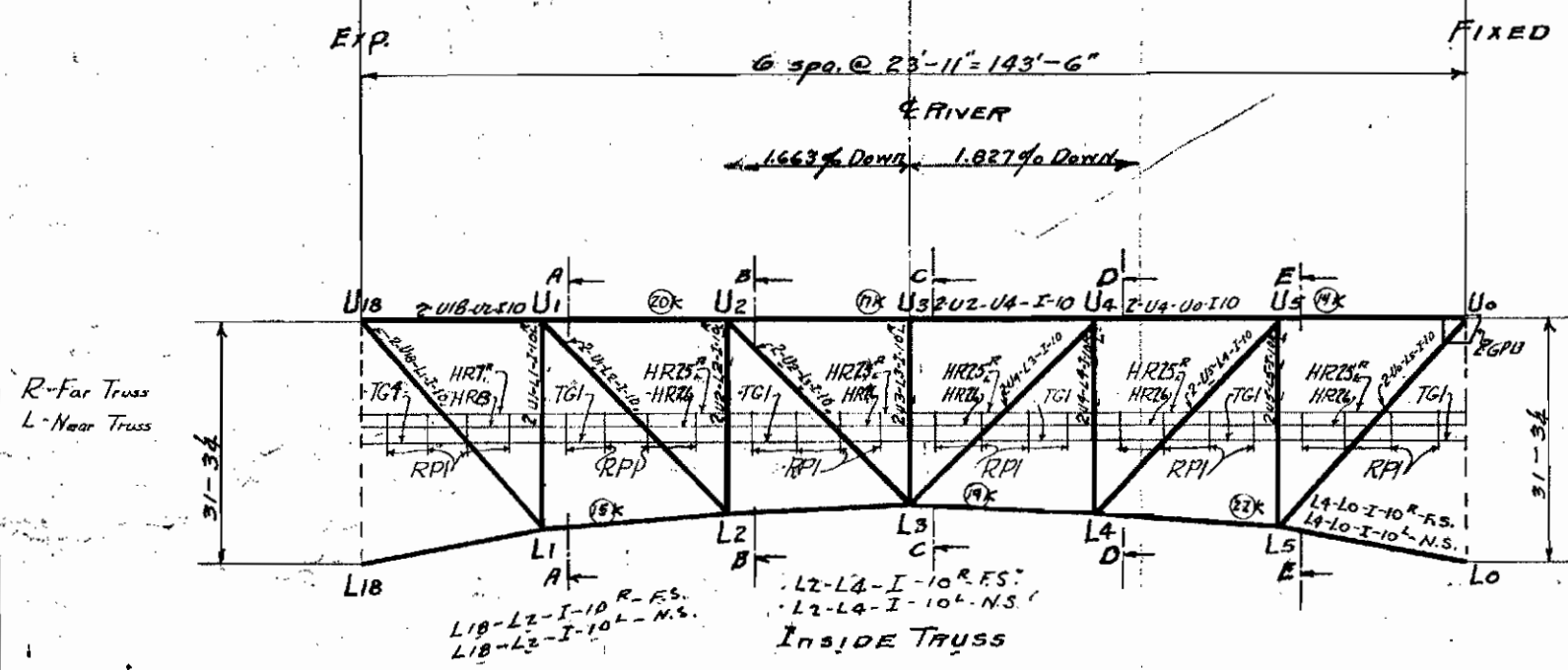
ERECTOR'S NOTE. FLOOR BEAMS MUST BE RIVETED TO TRUSSES BEFORE STRINGERS ON OUTSIDE LINES ARE RIVETED TO FLOOR BEAMS.



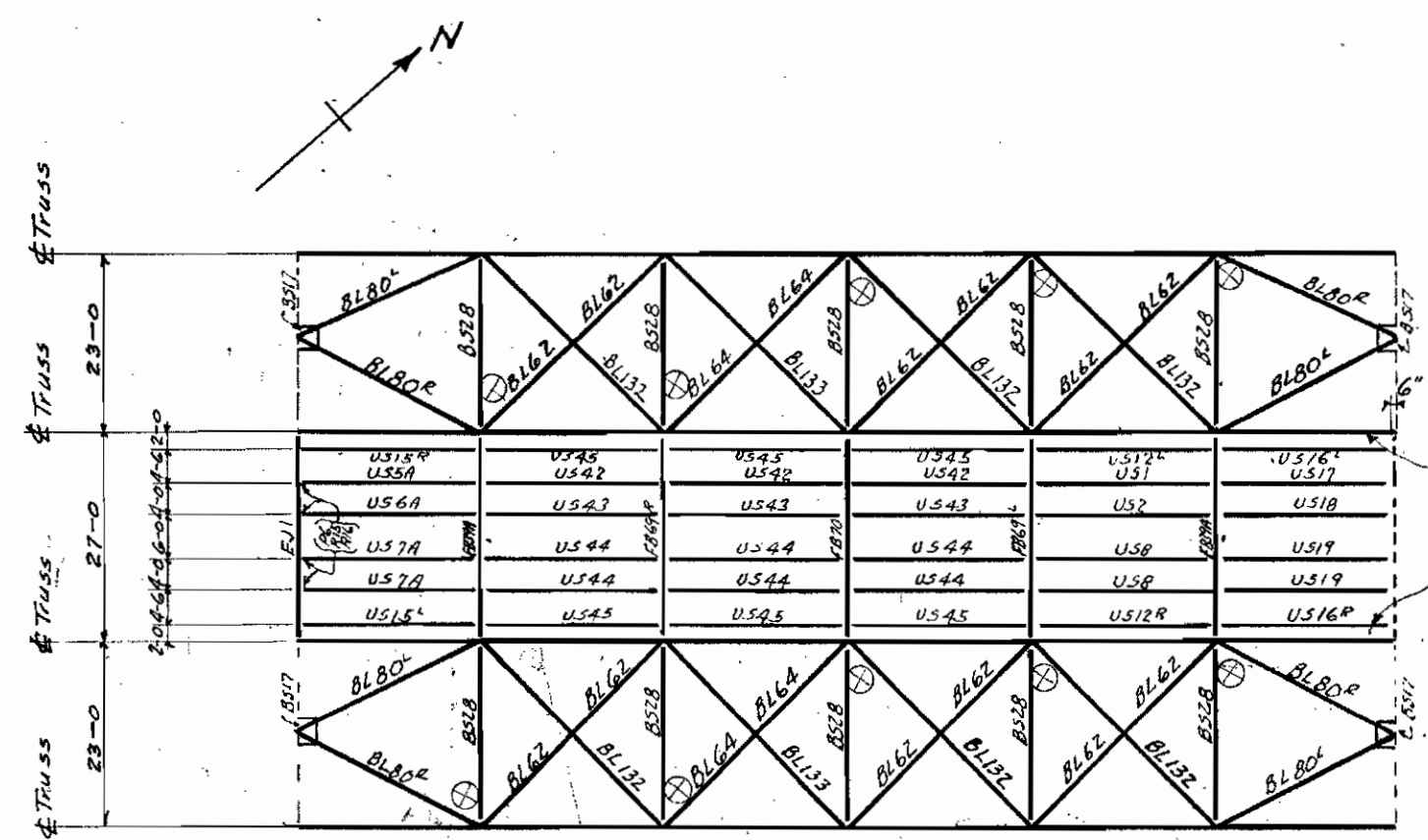
SECTION C-C U3-L3

NOTE TO ERECTOR ON UPPER DECK 3/16" SHIM(S) (DETAILED ON SH.73) TO BE PLACED ONE AT THE END OF EACH STRINGER WHERE NECESSARY WHEN STRINGERS ARE RIVETED BOTH ENDS. BEAMS B3 TO 11 INCL. MUST BE ERRECTED BEFORE STRINGERS AND BOLTED TO FLOOR BEAMS. AT TOP CHORD SPLICES DRIVE RIVETS IN FLANGES BEFORE THOSE IN WEBS.

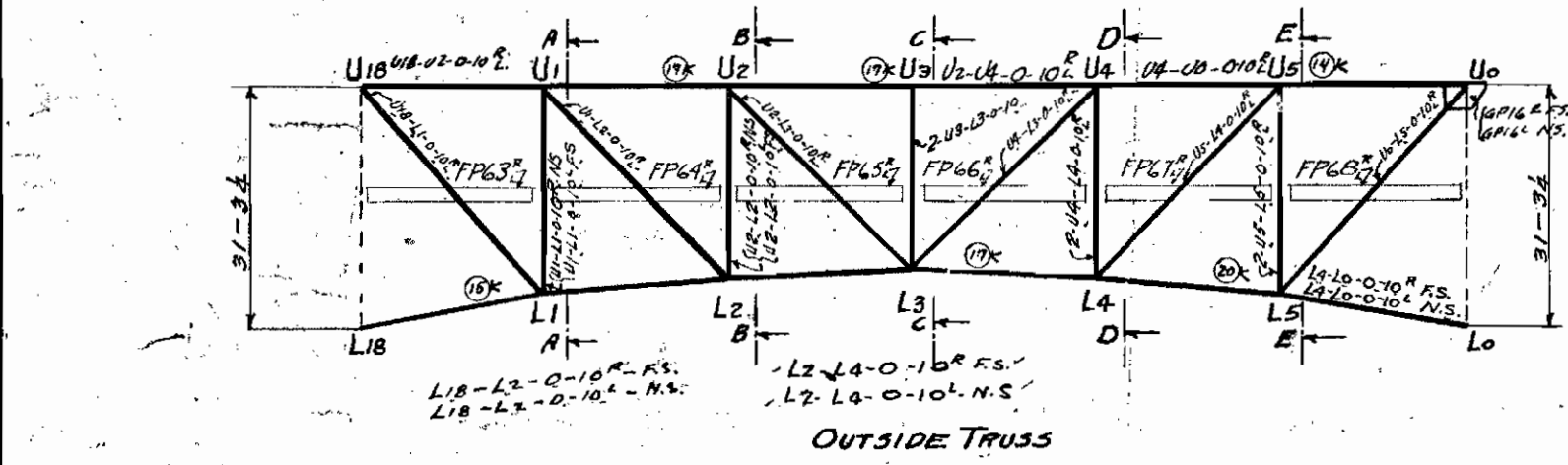
SHOP NOTE FOR MATCHMARKING CASTINGS AND STRINGERS MATCHMARKED THUS @ etc. SIGN MARK IN SIDE TRUSSES NORTH + SOUTH. SIGN MARK IN OUTSIDE



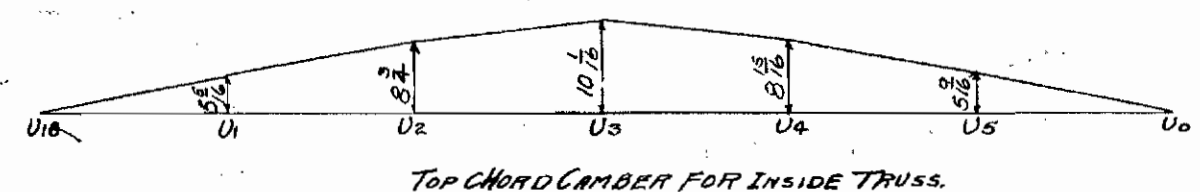
INSIDE TRUSS



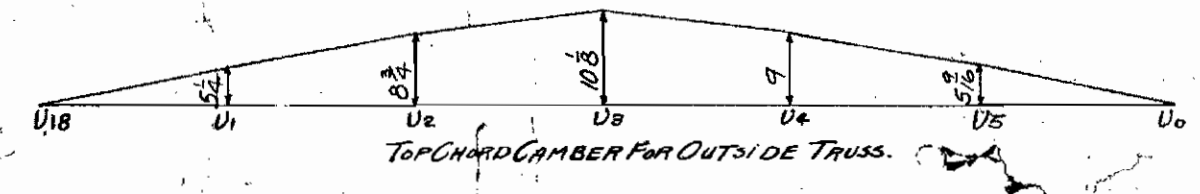
PLAN BOTTOM LATERALS & UTILITY FLOOR.



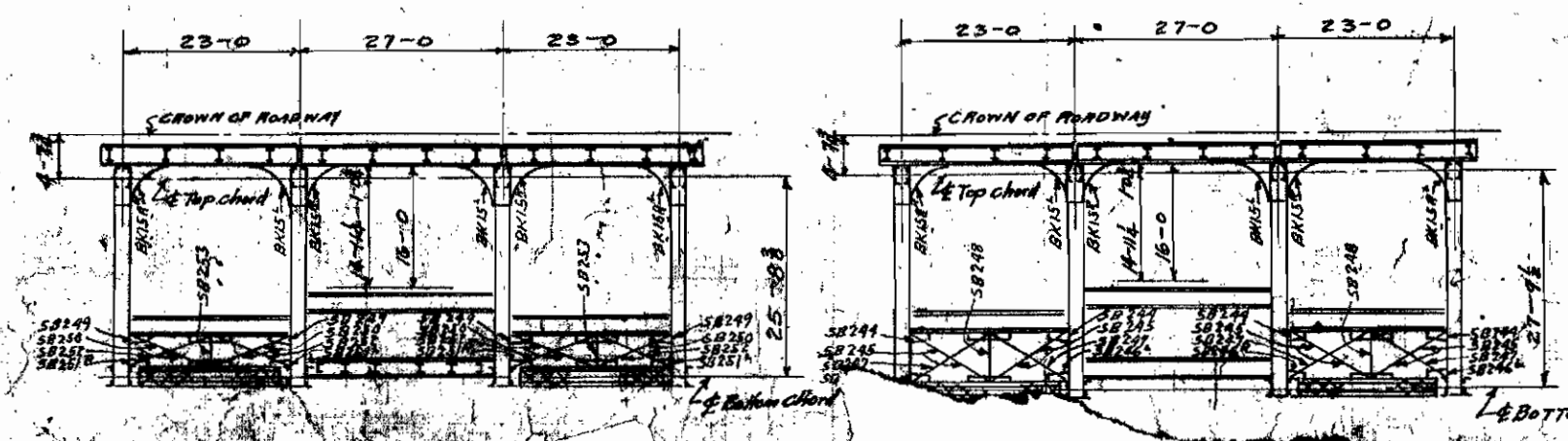
OUTSIDE TRUSS



TOP CHORD CAMBER FOR INSIDE TRUSS.



TOP CHORD CAMBER FOR OUTSIDE TRUSS.



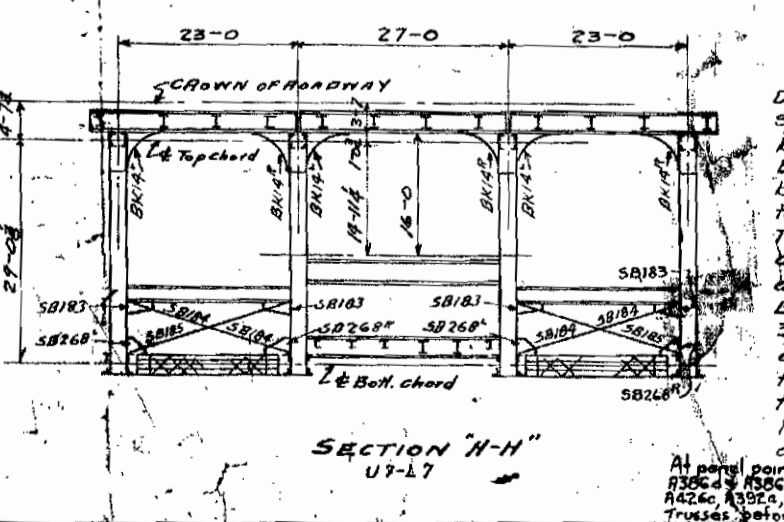
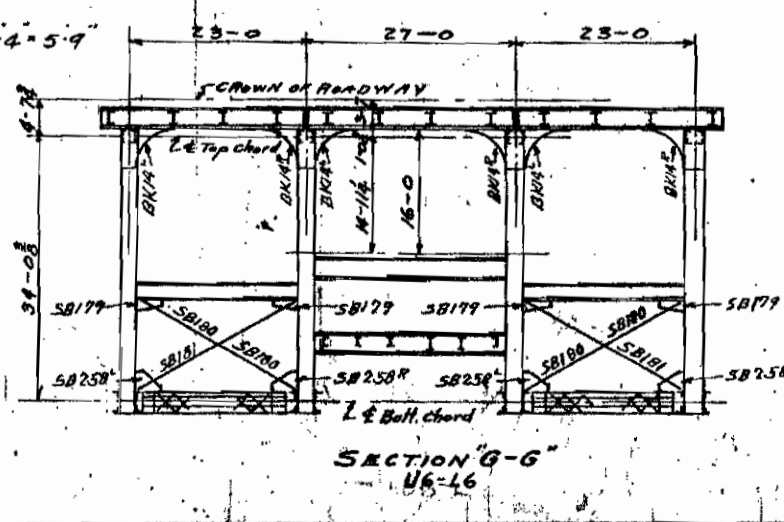
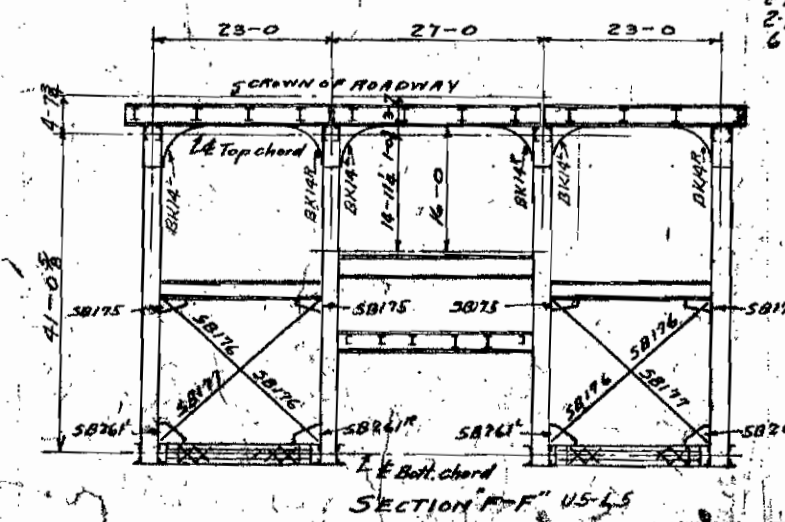
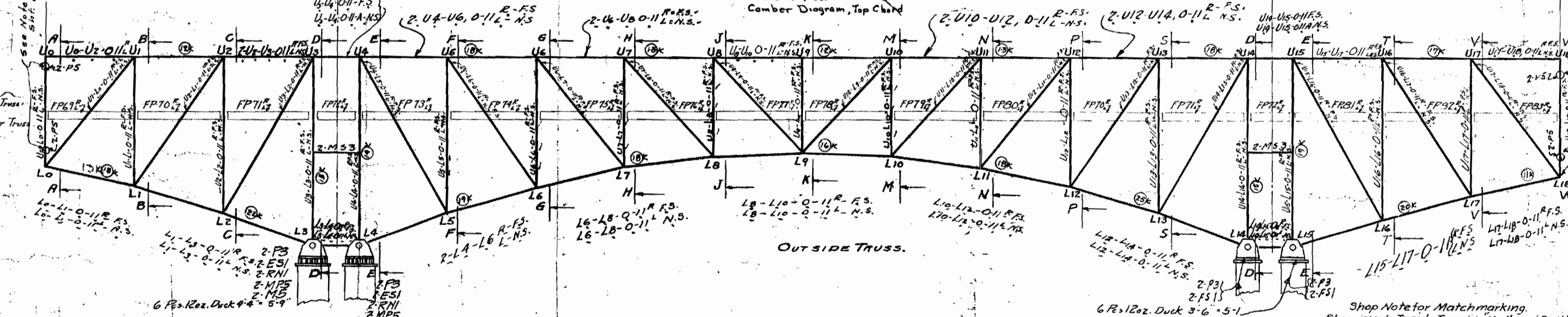
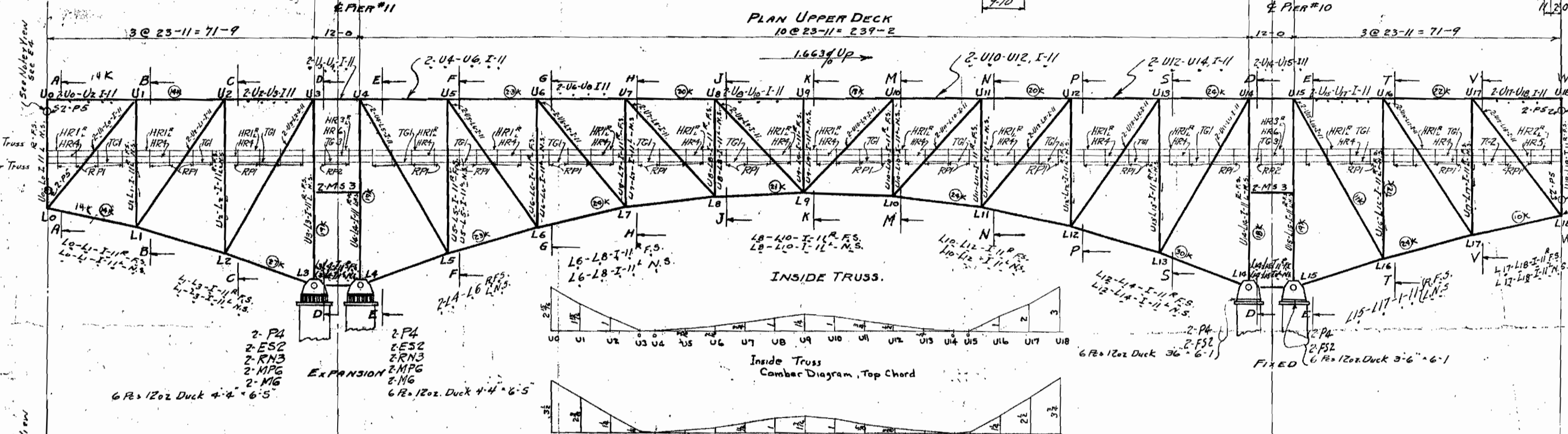
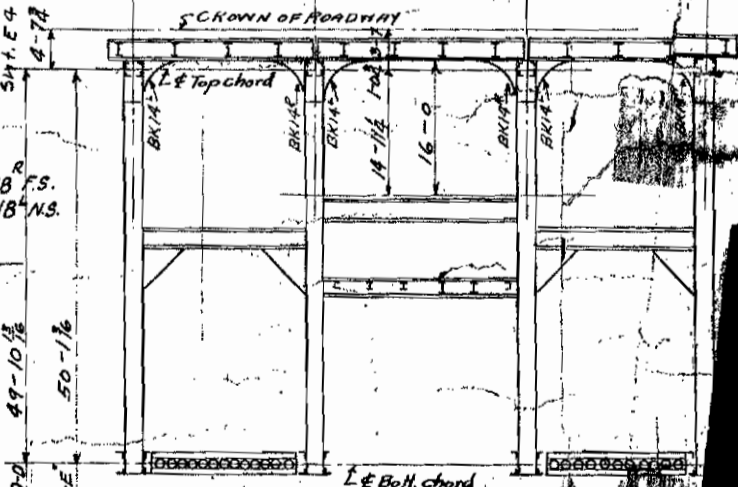
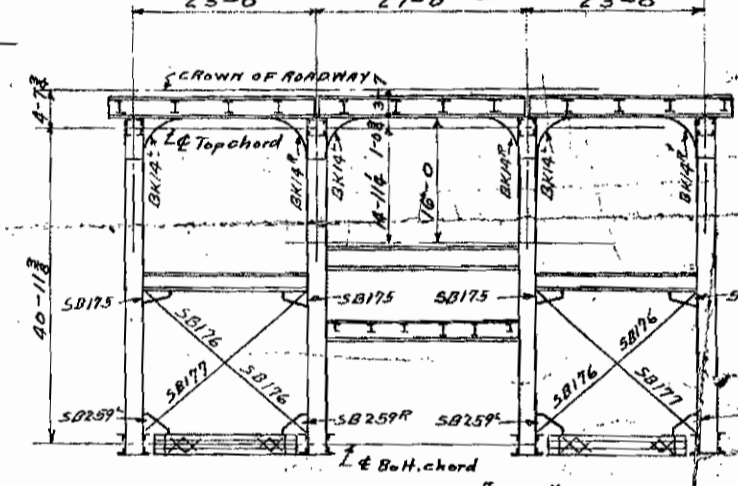
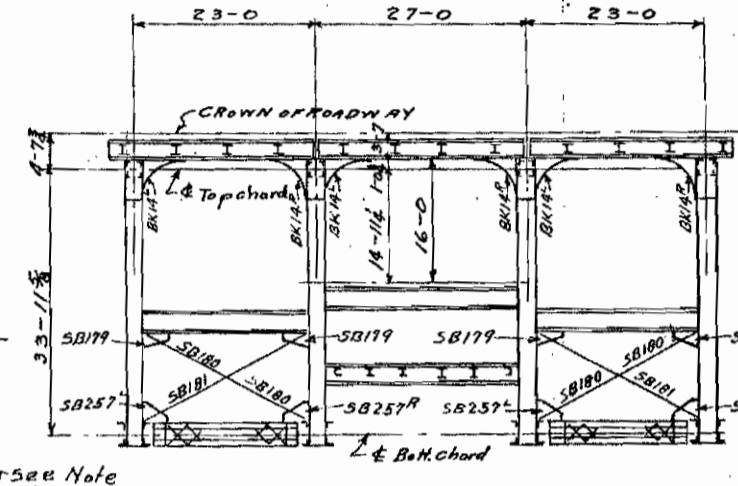
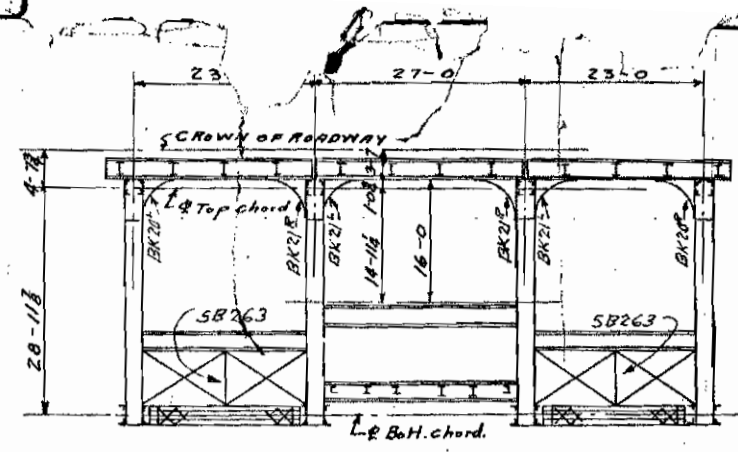
MATERIAL SPECIFICATIONS
SHOP INSPECTION BY
SHOP PAINT

FIELD PAINT
RIVETS HOLES PUNCHED
REAMING
FIELD CONNECTIONS
ERECTED BY

CUYAHOGA COUNTY
LORAIN CENTRAL
CLEVELAND OHIO
WILBUR WATSON AND F. R. WATSON
DETAILS OF: **ERECTOR'S PLAN**
THE MT. VERNON BRIDGE
MT. VERNON, OHIO
IN CHARGE OF White
MADE BY Prop. 7/26/20 CHECKED BY
CONT. NO. **5643** SHEET

SEE SNT. E

Truss	55	54	54	52A	54	54	54	54	54	54	54	54	54	54	54	52A	54	54	54
S10	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1
S10	S1	S1	S1	S2	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S2	S1	S1	S1	S1
S10	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1
S10	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1
S10	S1	S1	S1	S2	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S2	S1	S1	S1	S1
S10	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1
S6A	S1	S1	S1	S2	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S2	S1	S1	S1	S1
S6A	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1
S10	S1	S1	S1	S2	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S2	S1	S1	S1	S1
S6A	S1	S1	S1	S2	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S2	S1	S1	S1	S1
S10	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1
S6A	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1
S6A	S1	S1	S1	S2	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S2	S1	S1	S1	S1
S6A	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1
S6A	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1
S6A	S1	S1	S1	S2	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S2	S1	S1	S1	S1
S6A	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	S1



Shop Note for Match marking:
Shop mark Inside Trusses North and South.
Shop "Outside Trusses"
Castings and Stringers matchmarked thus ① etc.

NOTES TO ERECTOR:
Drive rivets of Top Chord
Splices in Top Flange View
before these are driven.
B3 to B11 incl. must be erected
before stringers are bolted
to Floor Beams.
Thoroughly swab bearing
area under the Masonry Plates
and Fixed Shoes with Red Lead
Paint, and place upon it
3 layers of 12 to 14 ounce
deck. Each layer being
thoroughly swabbed on its
top surface with Red Lead
Paint. Place Masonry Plates
and Shoes while paint is plastic.
After paint is dry, clean up
residue of paint with 1/2" Rags,
then wash with water on Inside
Trusses before riveting up the joint.

MATERIAL	SPECIFICATIONS
RIVETS <td>Holes punched</td>	Holes punched
BEARING <td></td>	
FIELD CONNECTIONS <td></td>	

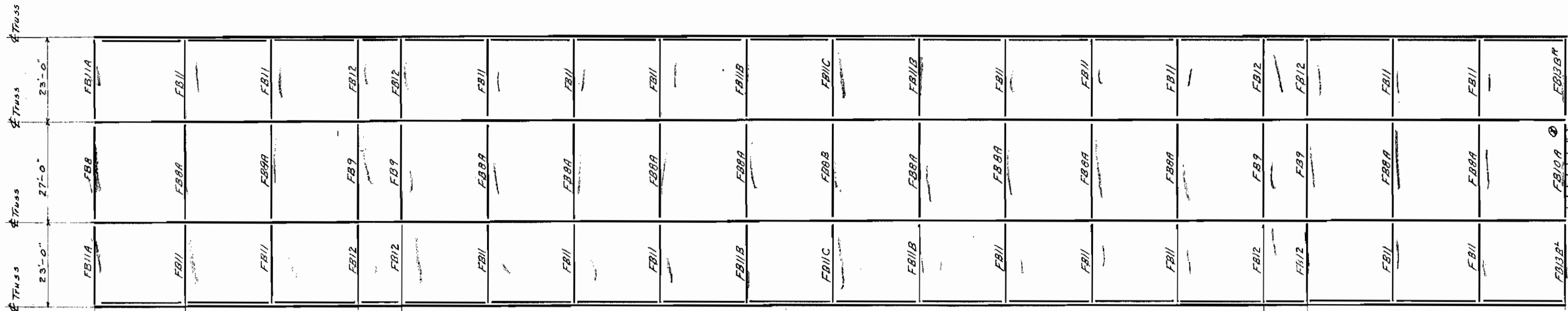
See Sht. E.

WILBUR WATSON AND ASSOCIATES ENGINEERS
CLEVELAND, OHIO

ERECTOR: THE MT. VERNON BRIDGE CO.
MT. VERNON, OHIO

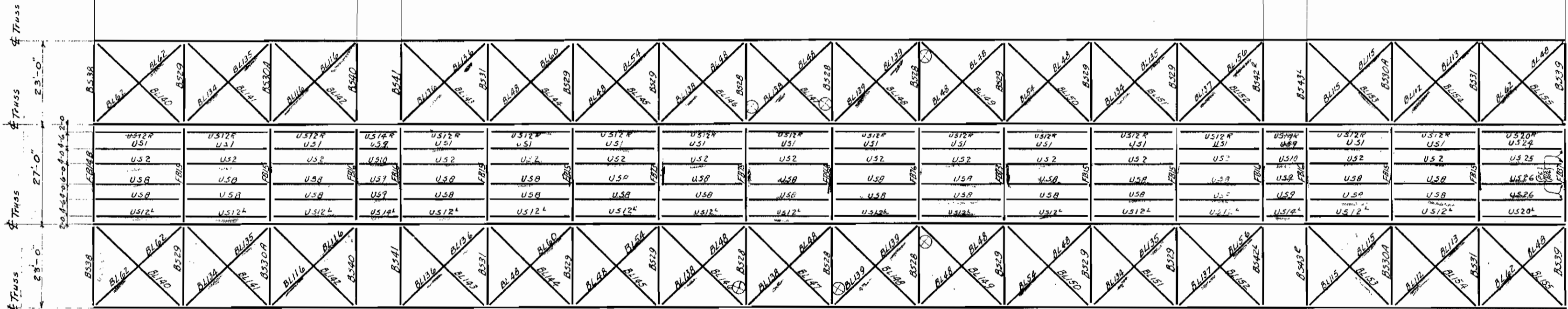
IN CHARGE OF WORK: [Name]
MADE BY: [Name] 1/25/20 CHECKED BY: [Name] 1/25/20

CONT. NO. **5643** SHEET **F-16**

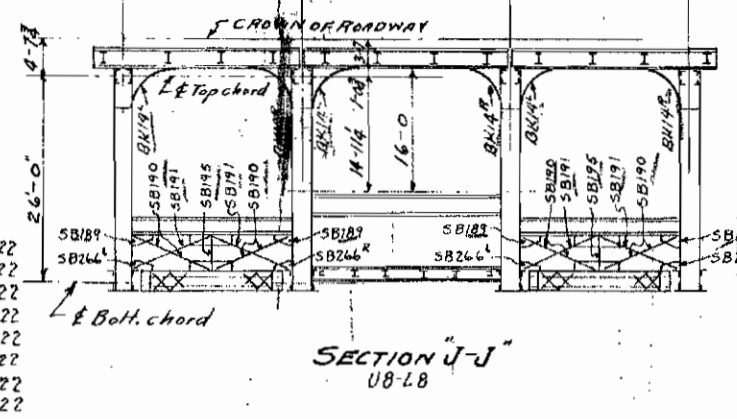


PLAN LOWER DECK

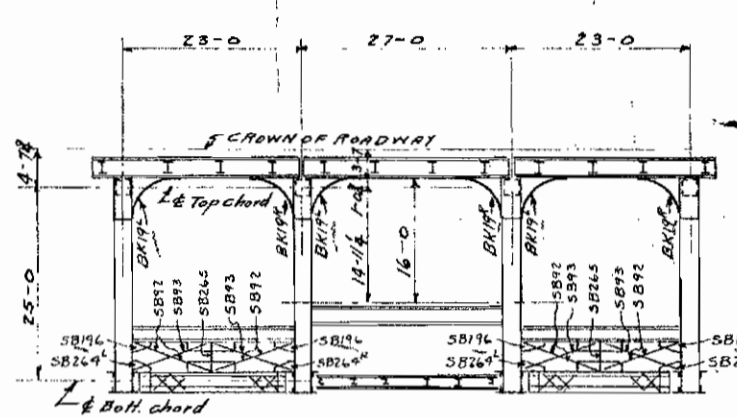
25'-11" 2 @ 23'-11" = 47'-10" 12'-0" 10 @ 23'-11" = 239'-2" 12'-0" 3 @ 23'-11" = 71'-9"



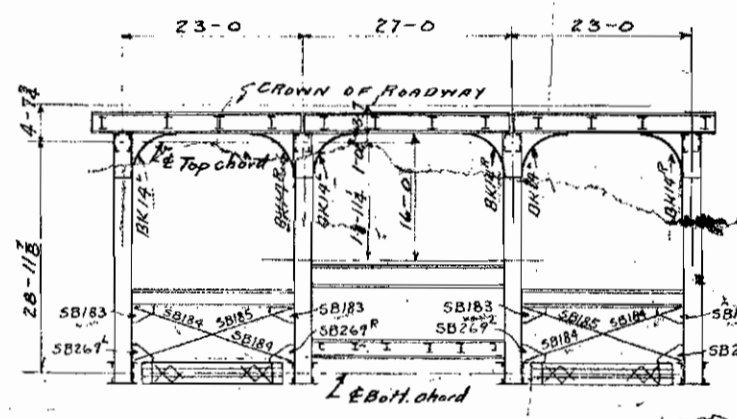
PLAN OF BOTTOM LATERALS & UTILITY FLOOR



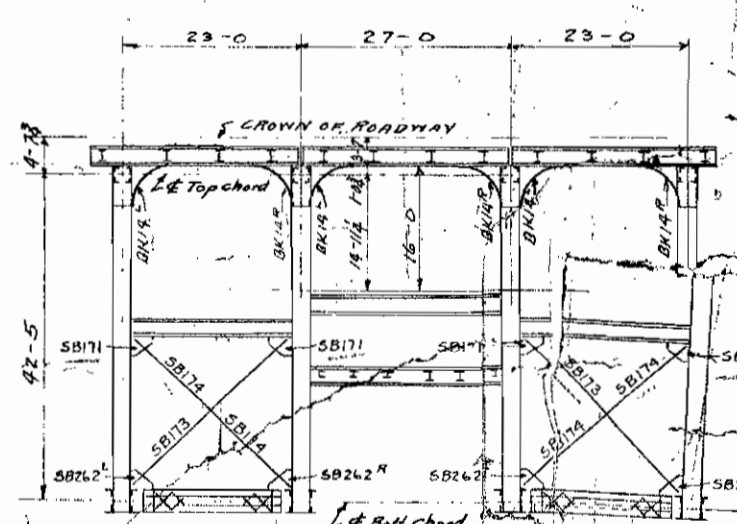
SECTION U-U
U8-L8



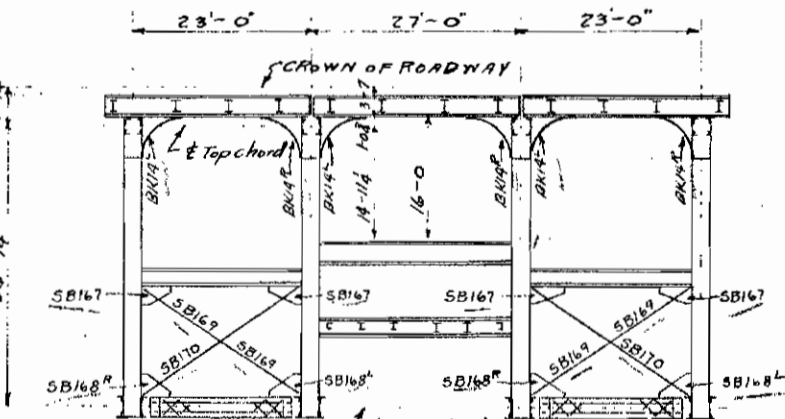
SECTION K-K
U7-L9



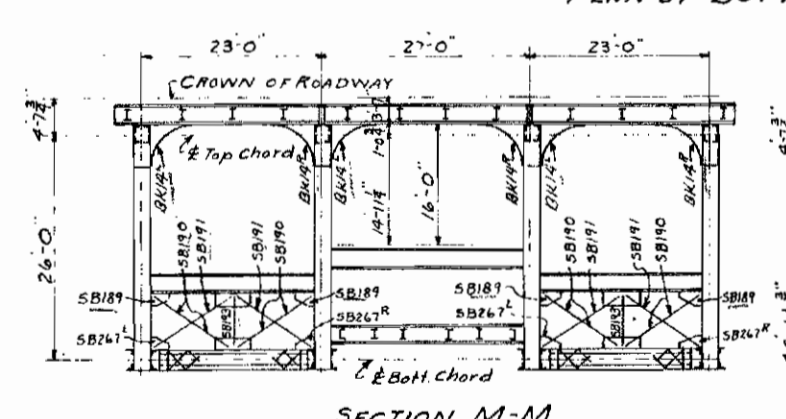
SECTION N-N
U11-L11



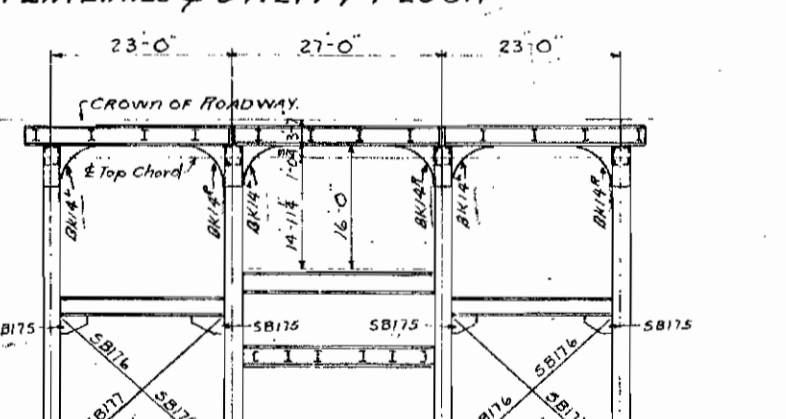
SECTION T-T
U16-L16



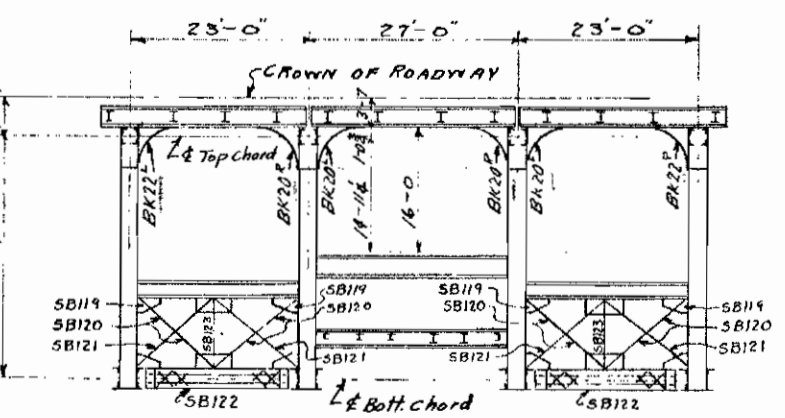
SECTION V-V
U17-L17



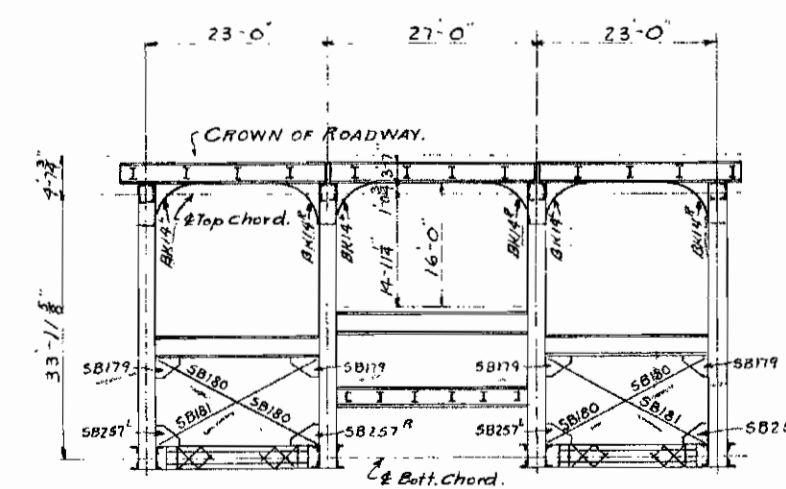
SECTION M-M
U10-L10



SECTION S-S
U13-L13



SECTION W-W
U18-L18



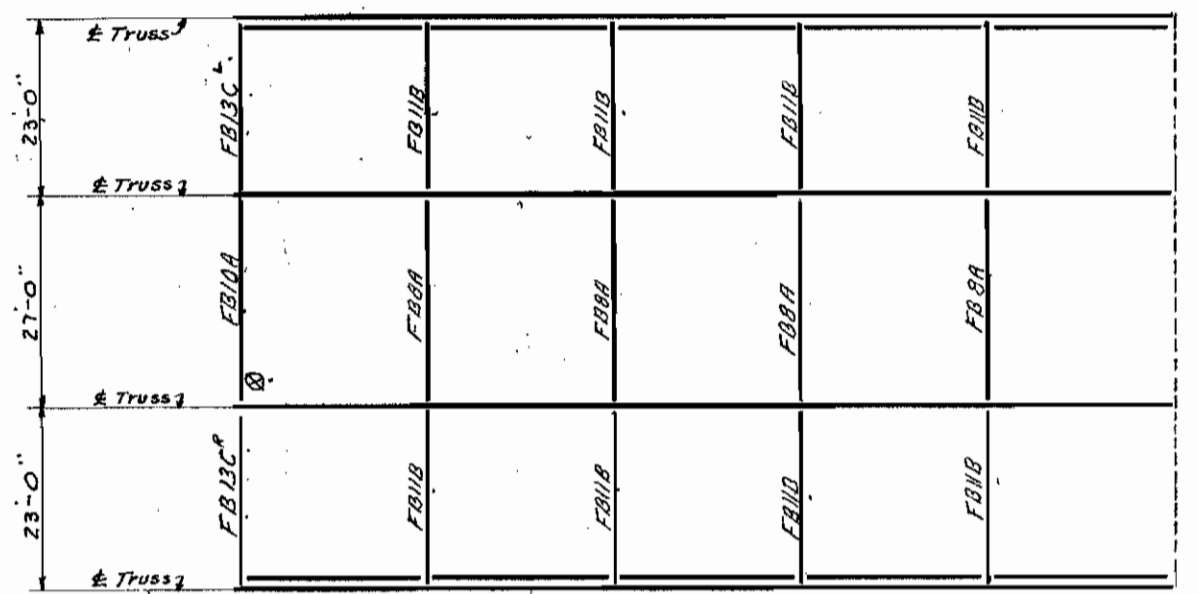
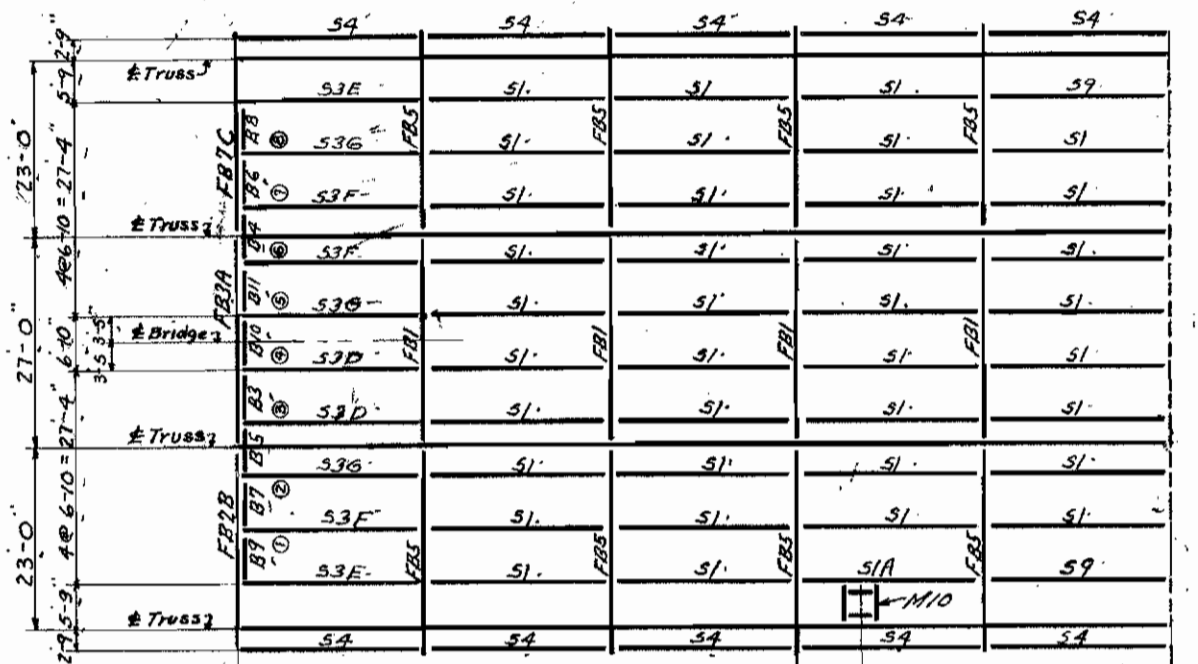
SECTION P-P
U12-L12

CUYAHOGA COUNTY
LORAIN CENTRAL
 CLEVELAND OHIO
 WILB R. WATSON AND F. R. WALSH
 ERECTION PLAN
 LOWER FLOORS AT
THE M... V... D...
 IN CHARGE OF
 MADE BY...

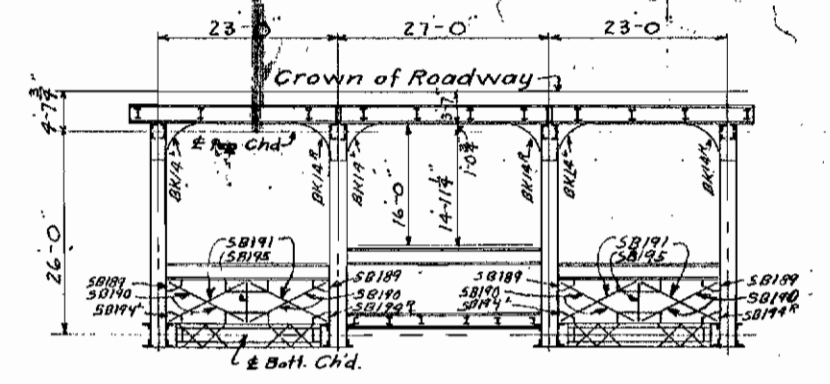
MATERIAL SPECIFICATIONS
 SHOP INSPECTION BY
 SHOP PAINT

FIELD PAINT
 RIVETS
 HOLES PUNCHING
 REWORKING
 CONNECTIONS

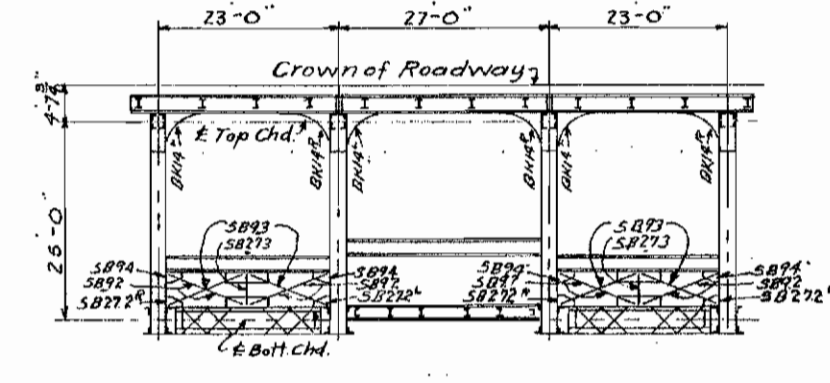
Plan of Upper Deck



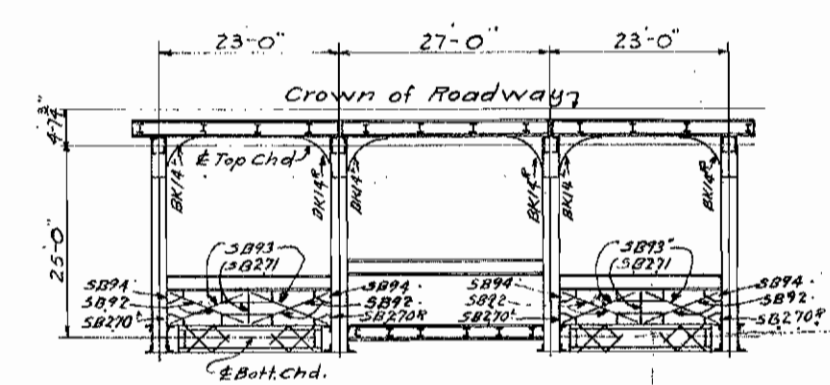
Plan of Lower Deck



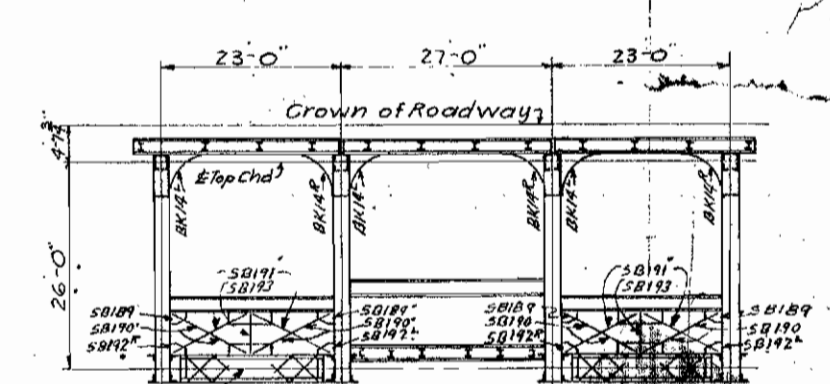
Section A-A @ U-11



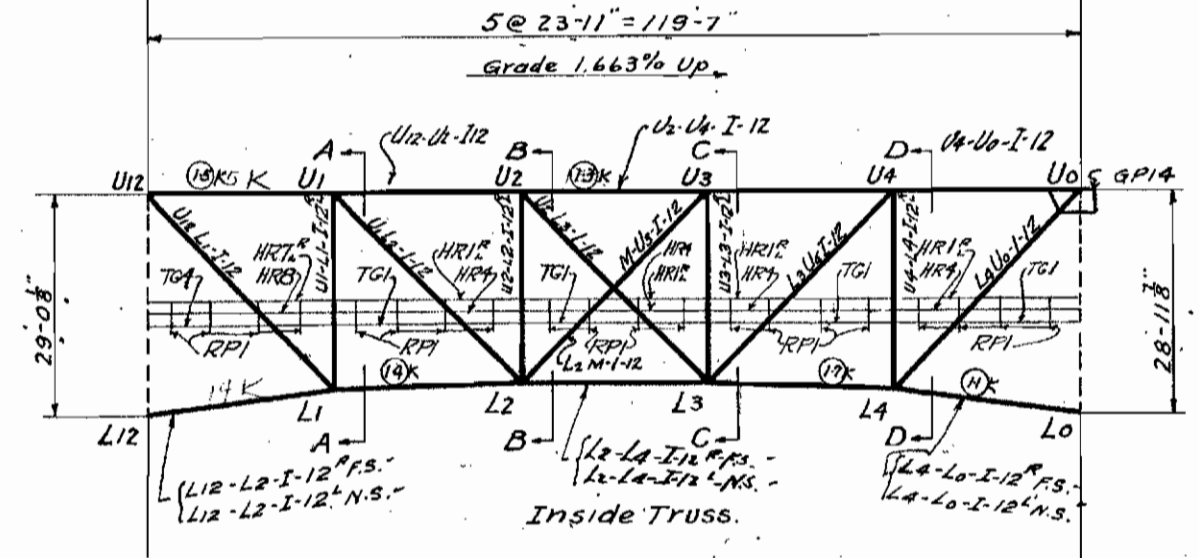
Section B-B @ U-12



Section C-C @ U-13

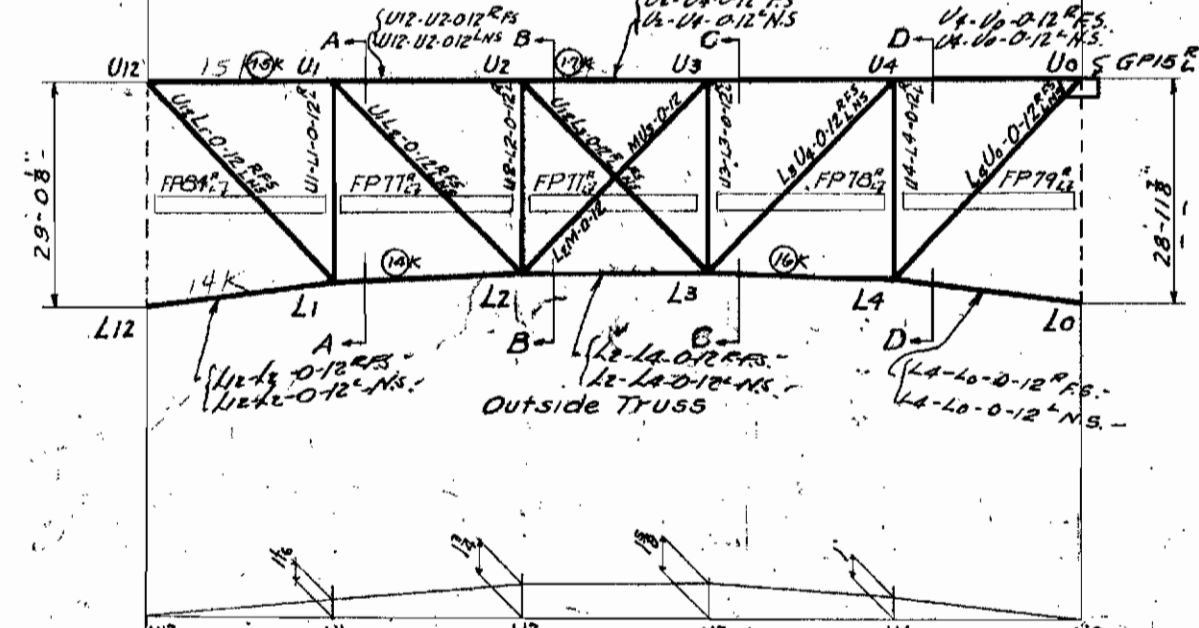


Section D-D @ U-14



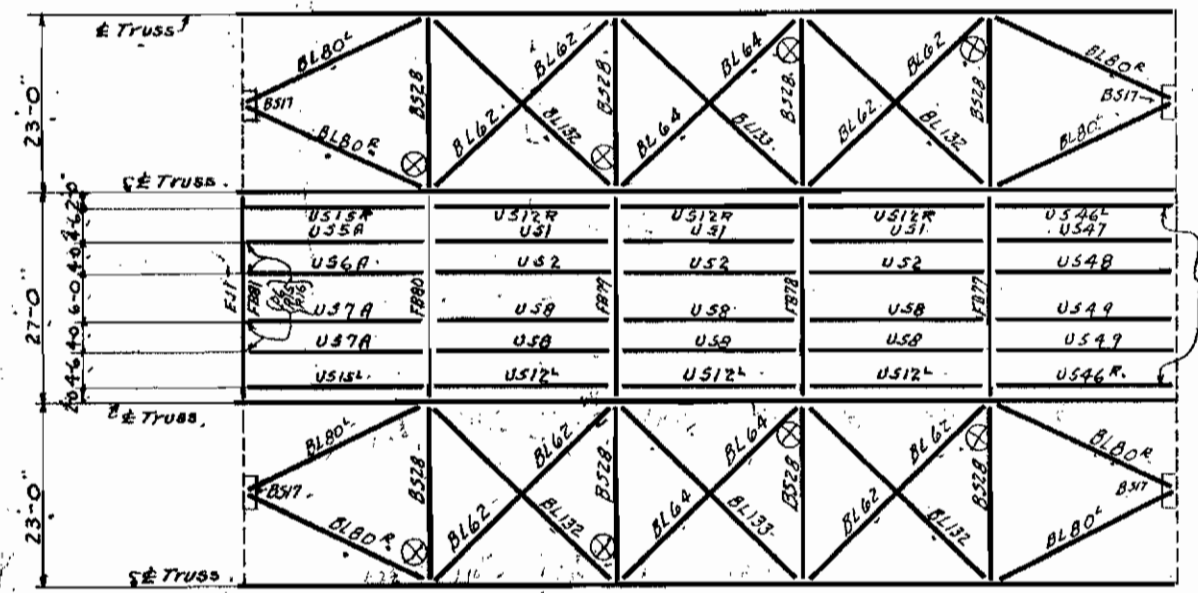
Inside Truss

TOP CHORD CAMBER DIAGRAM Inside Truss



Outside Truss

TOP CHORD CAMBER DIAGRAM Outside Truss



Plan of Bottom Laterals and Utility Floor

Erector's Note:
Drive rivets connecting Floor Beams to Trusses before Stringers in outside lines are riveted to Floor Beams.

Shop Note for Matchmarking
Shop mark Inside Trusses "North and South" Outside
Castings and Stringers matchmarked thus (D) etc.

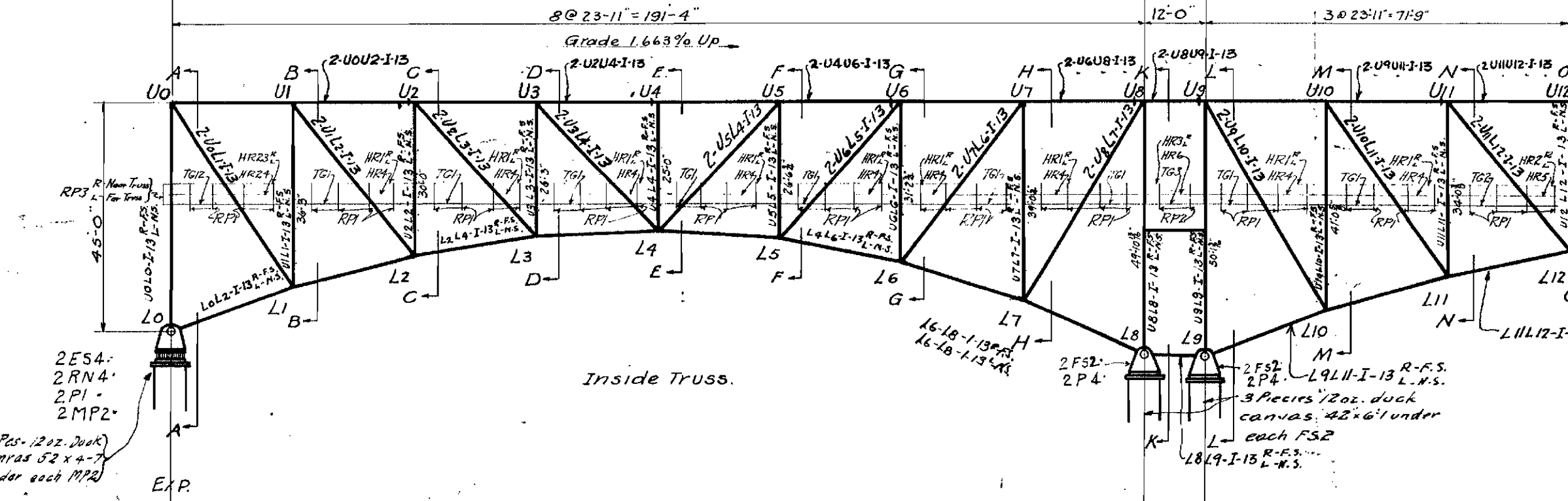
ERECTOR'S NOTE:
Drive rivets of Top Chord splices in Top Flange View before those in web are driven.
B3 to B11 incl. must be erected before stringers are bolted to Floor Beams.
On upper deck, Shims S11 (detailed on Sheet 73) to be placed one at the end of each stringer where necessary where stringers are riveted both ends.

MATERIAL SPECIFICATIONS	See Sht E	CUYAHOGA COUNTY LORAIN CENTRAL B CLEVELAND OHIO WILBUR WATSON AND F. R. ... ERECTION PLAN THE MT. VE MT. IN CHARGE OF ... MADE BY <i>Trett</i>
SHOP INSPECTION BY		
SHOP PAINT		
FIELD PAINT		
RIVETS HOLES PUNCHED		
HEAVING		
FIELD CONNECTIONS		
ERECTED BY		
		CONT. NO. 56

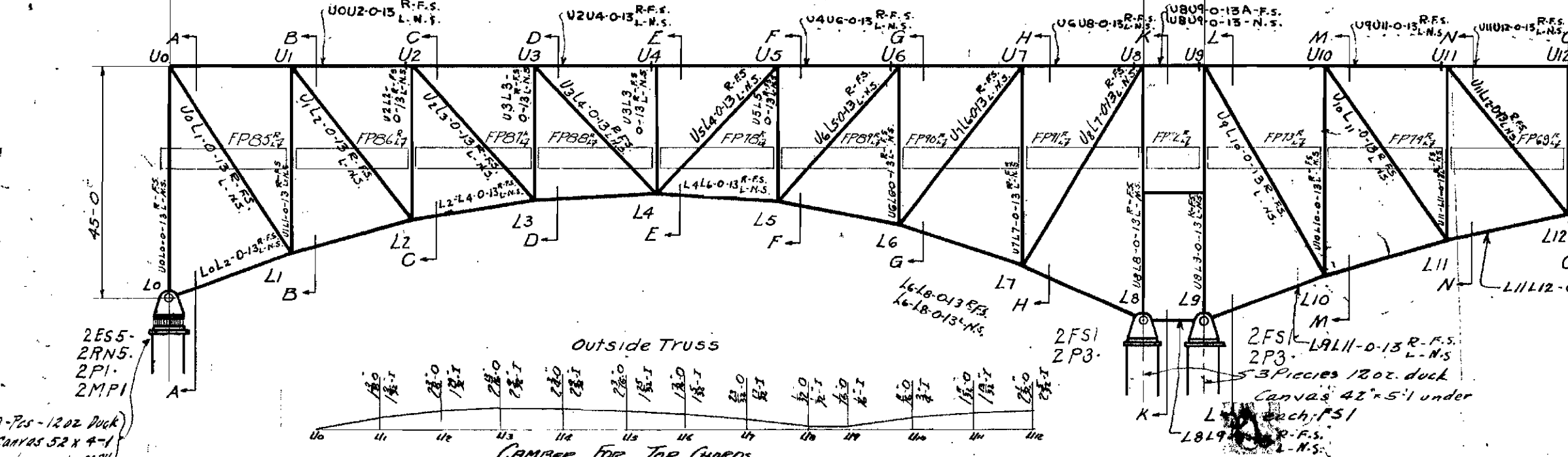
Plan of Upper Deck

Truss	21'CB@76.54	21'CB@76.54	21'CB@76.54	21'CB@76.54	21'CB@76.54	21'CB@76.54	21'CB@76.54	21'CB@76.54	21'CB@76.54	21'CB@76.54	21'CB@76.54	21'CB@76.54	21'CB@76.54
# Truss 1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1
# Truss 2	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1
# Truss 3	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1
# Truss 4	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1
# Truss 5	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1	21'CB@76.54 S1

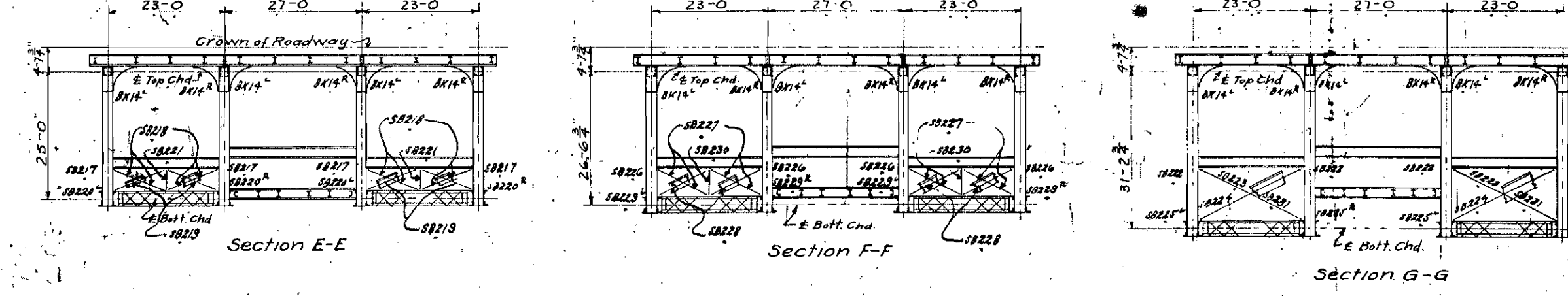
For Marks of Expansion Castings see Sht. 21.



Inside Truss

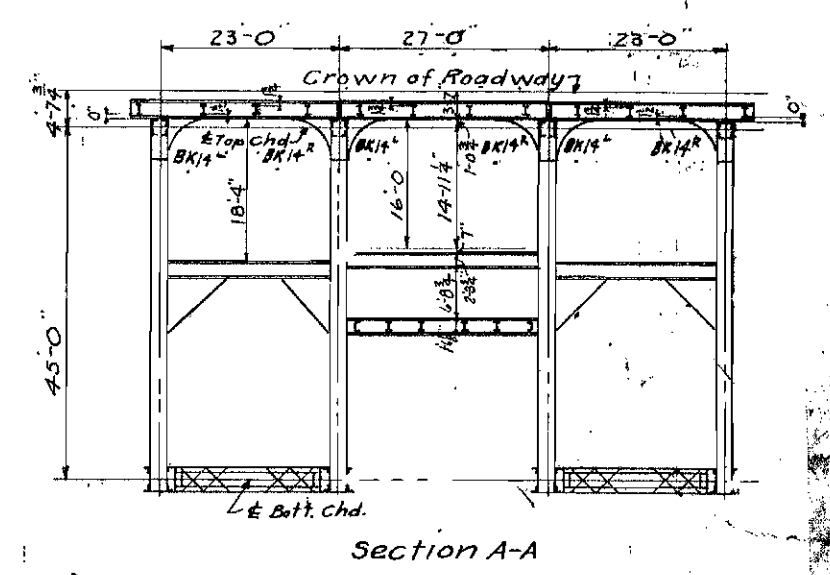


Outside Truss

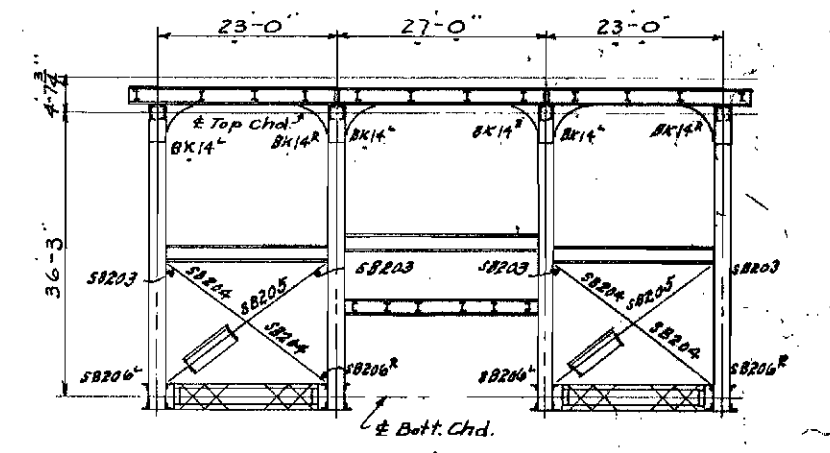


Sheet No.	Description
E19	This Sheet
E20	Erection Plan - Lower Deck & Utility Floors
E21	Roadway Expansion
1	Sheets
2	Castings
3	do
4	Pins & Rollers
5	Masonry Plates & Oil Boxes
6	Finger Castings
7	do
8	Floor Beams - Upper Deck
9	do
10	Stringers
11	do
12	Floor Beams - Lower Deck
13	Stringers - Utility Floor
14	do
15	Floor Beams - Utility Deck
16	Brackets
17	Stringers - Utility Floor
108	Splicing Chambers
163	Sway Bracing
282	Face Plates
283	Sway Bracing & struts
285	do
286	Brackets
470	Top chord U0-U2-0-13
471	U0-U2-0-13
472	U4-U6-0-13
473	U8-U10-0-13
474	U12-U12-0-13
475	U8-U9-0-13 & U4-U12-0-13
476	U0-U1-13
477	U2-U3-13
478	U4-U5-13
479	U6-U7-13
480	U8-U9-13
481	U10-U11-13
482	Bottom Chord L0-L2-0-13
483	L2-L4-0-13
484	L4-L6-0-13
485	L6-L8-0-13
486	L8-L10-0-13
487	L10-L12-0-13
488	L0-L1-13
489	L2-L3-13
490	L4-L5-13
491	L6-L7-13
492	L8-L9-13
493	L10-L11-13
494	Diagonals U0-U1-U2-L3
495	U3-U4-U5-U6
496	U7-U8-U9-U10
497	U11-U12-U12-L3
498	L0-L1-U2-L3
499	L4-L5-U6-L7
500	L8-L9-U10-L12
501	U8-L7-U8-L10
502	Verticals U0-U2-U3-0-13
503	U4-U5-U6-U7-0-13
504	U8-U9-U10-U11-0-13
505	U12-U12-0-13 U11-U12-L3
506	U0-U1-U2-U3-L3
507	U4-U5-U6-U7-L3
508	U8-U9-U10-U11-L3
509	U12-U12-L3
510	U0-U1-13
511	U2-U3-13
512	U4-U5-13
513	U6-U7-13
514	Floor Beams
515	Floor Beams
516	Sway Bracing
517	do
518	do
519	Bottom Laterals
520	do
521	Verticals U8-L9-L3
522	Face Plates
523	Hand Rail
524	do

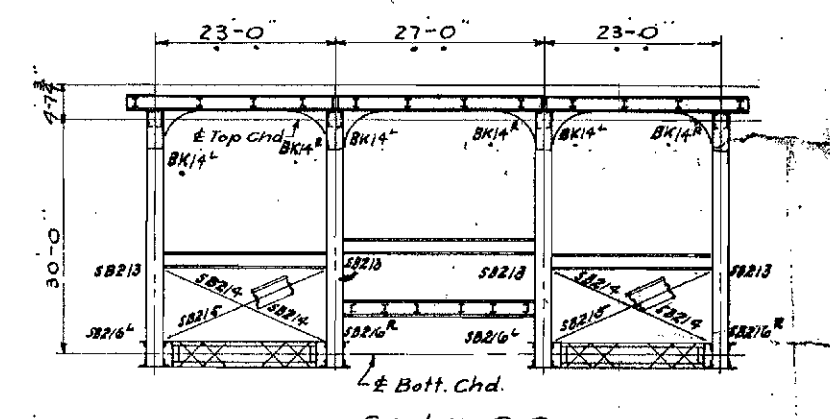
Note: On Upper Deck shims SH1 (detailed on Sht. 73) to be placed at the end of stringer where necessary. Shop Mark inside trusses North & South Shop Mark outside trusses North & South Castings & stringers match mark thus -> Thoroughly swab the bearing area under the masonry plates and fixed shoes with Red Lead. Paint and place upon it 8 layers of 12 to 14 ounce Duck, each layer being thoroughly swabbed on its top surface with Red Lead paint. Place masonry plates and shoes while paint is plastic.



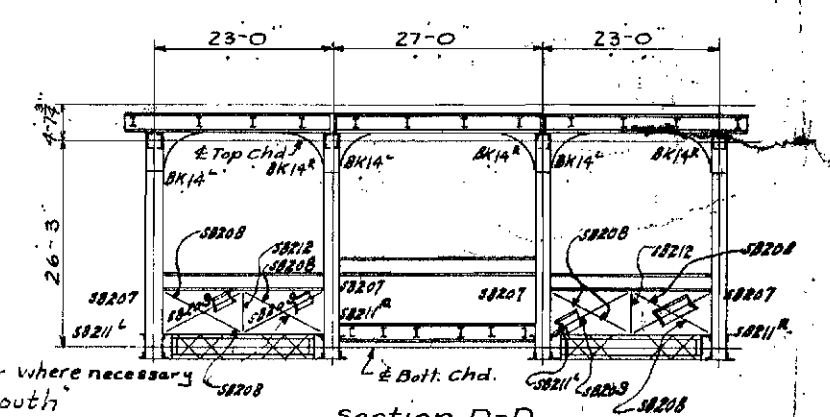
Section A-A



Section B-B

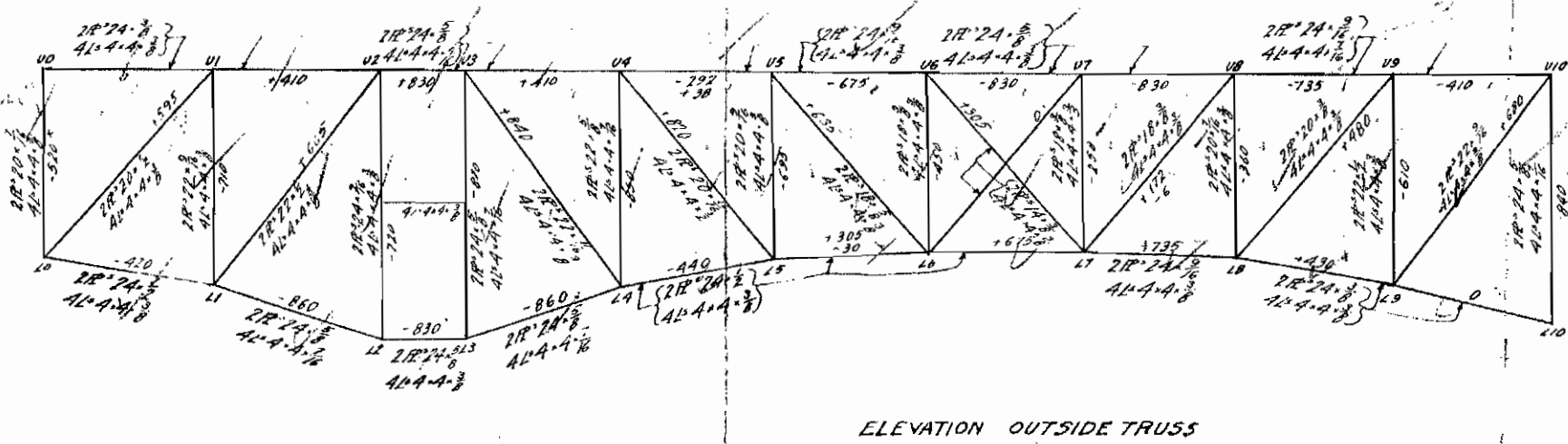
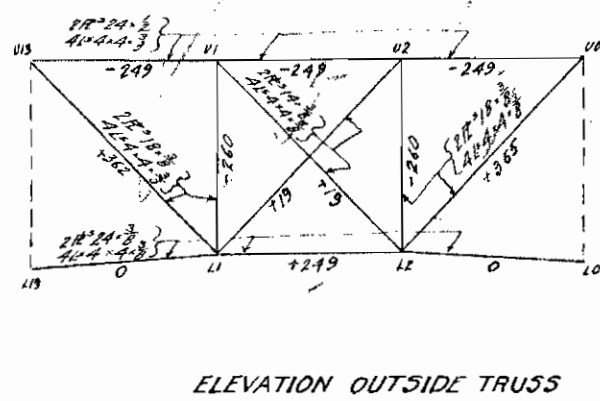
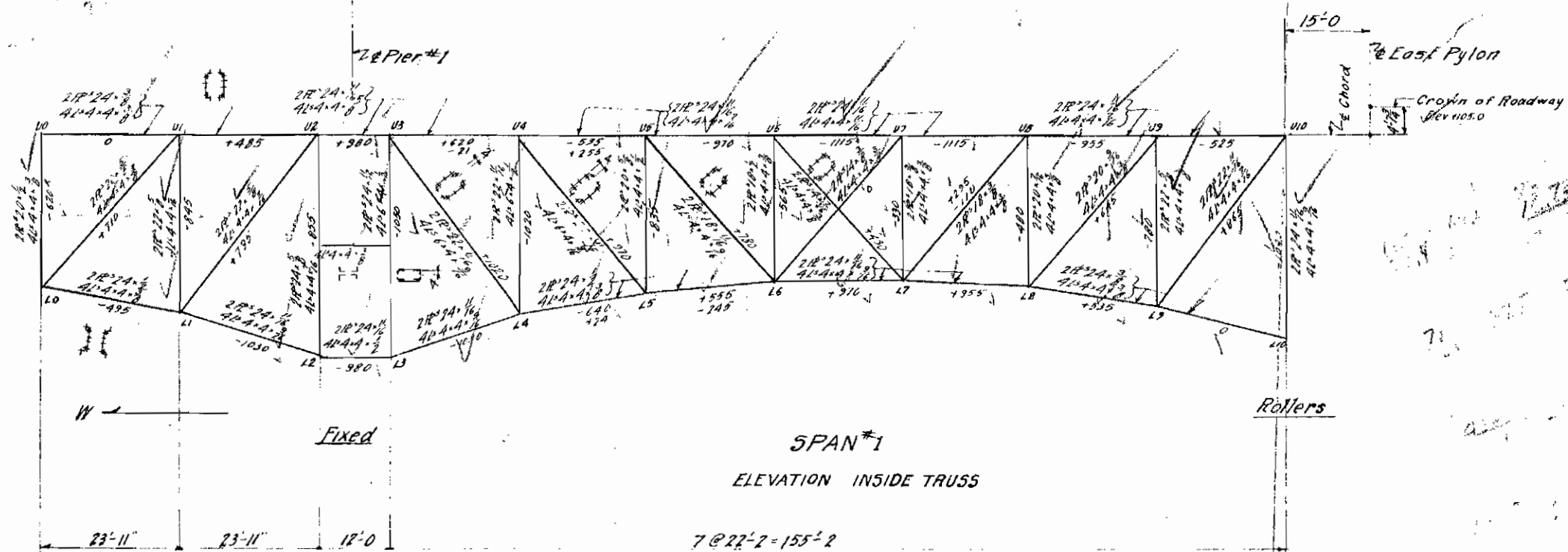
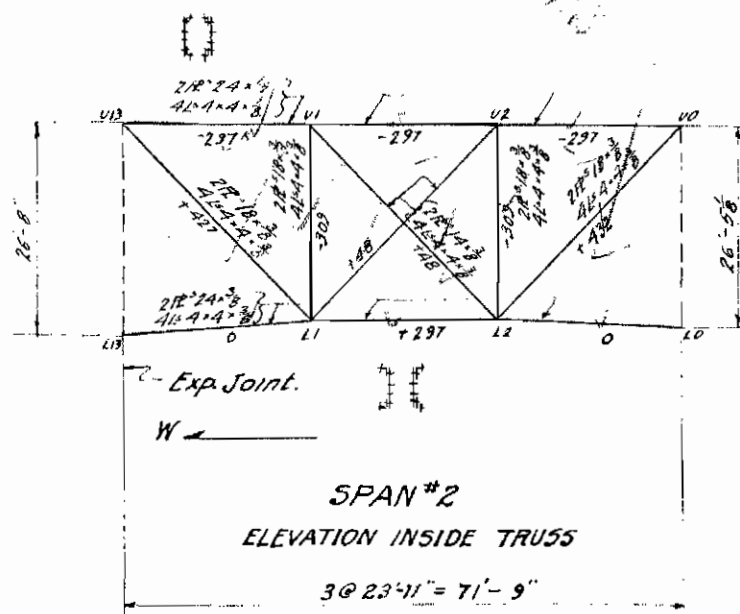


Section C-C

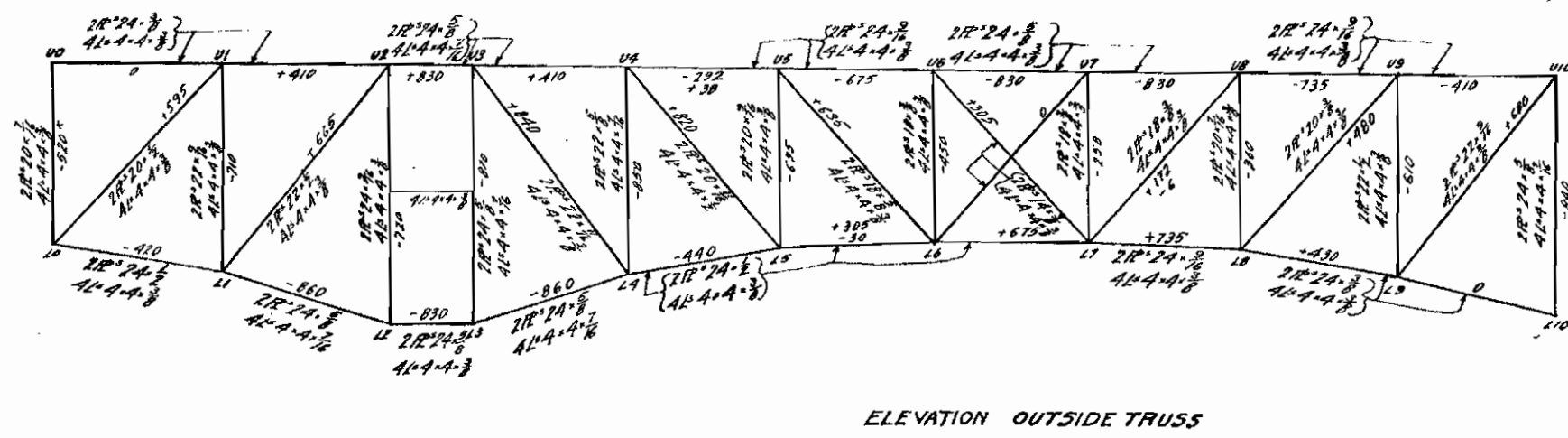
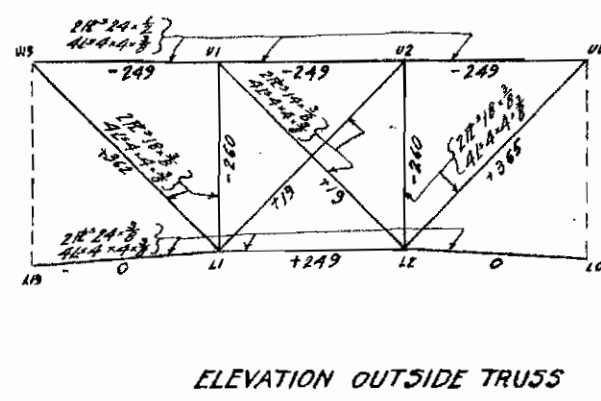
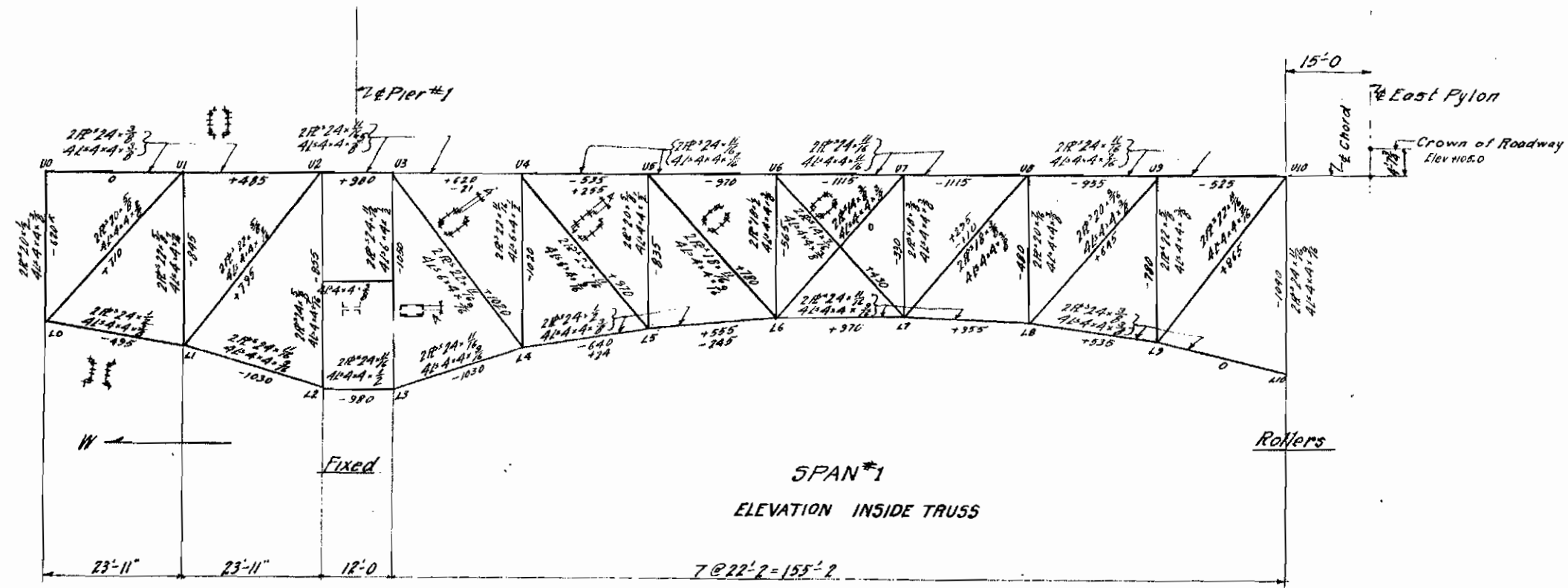
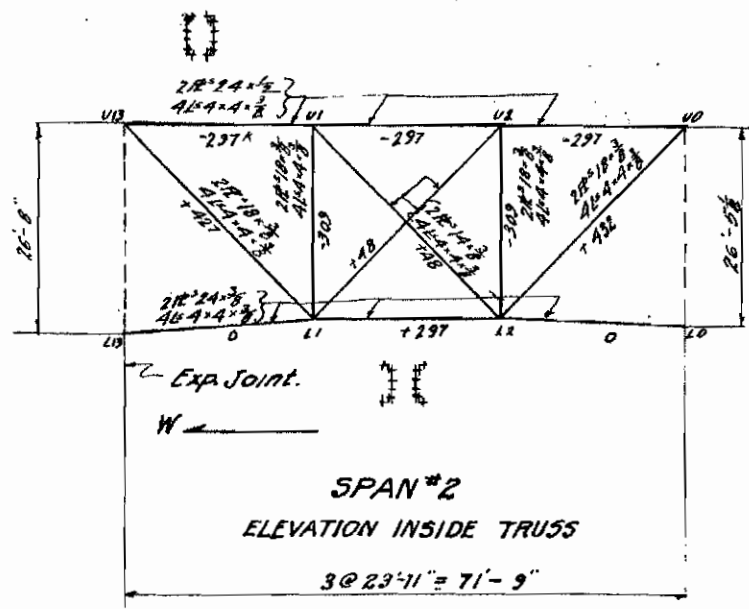


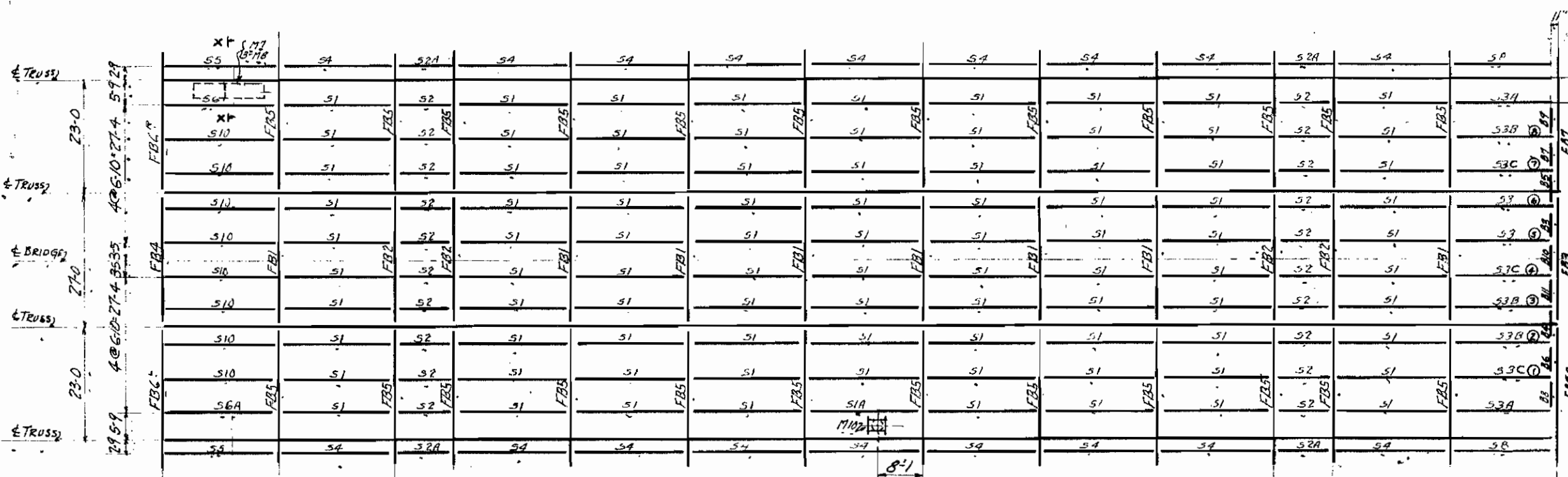
Section D-D

MATERIAL	CUYAHOGA COUNTY
SPECIFICATIONS	LOBAIN CENTRAL
SHOP INSPECTION BY	CLEVELAND OH
SHOP PAINT	WILBUR WATSON AND T. W. WALKER ENGINEERS
FIELD PAINT	DETAILS OF: ERECTION PLAN - SPAN 7
RIVETS	TRUSSES & UPPER FLOORS
HOLD PUNCHED	THE MT. VERNON BRIDGE CO.
REASSEMBLING	MT. VERNON, O.
FIELD CONNECTIONS	IN CHARGE OF: <i>T. J. Duff</i>
ERECTED BY	MADE BY: <i>T. J. Duff</i> 10/2/30 CHECKED BY:
	CONT. NO. 5643 SHEET E19

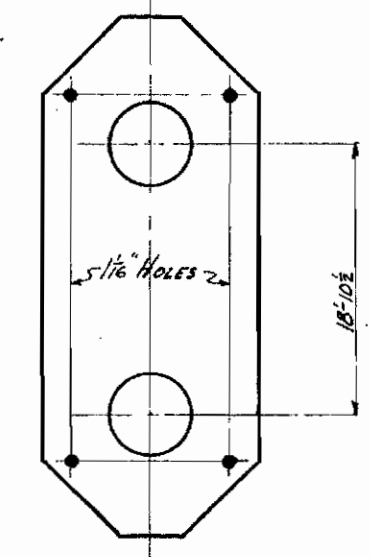


LORAIN CENTRAL BRIDGE
CLEVELAND OHIO
SPANS 1 & 2
TRUSS STRESSES & SIZES
THE MT. VERNON BRIDGE CO.
MT. VERNON OHIO
DEC 10 1930 CONT 5643 5

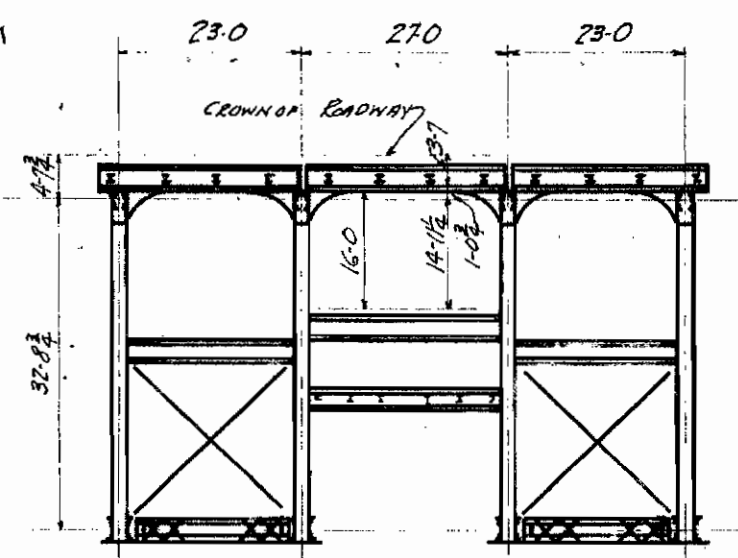




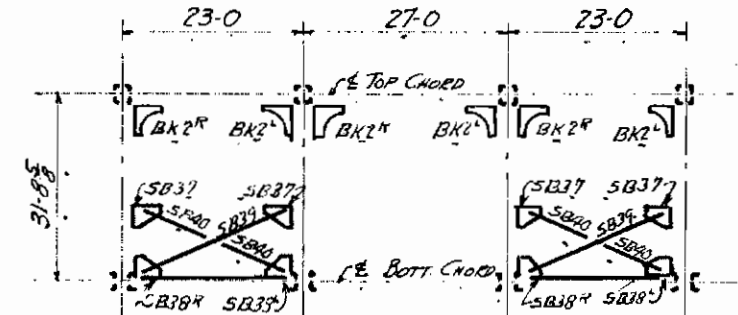
PLAN UPPER DECK



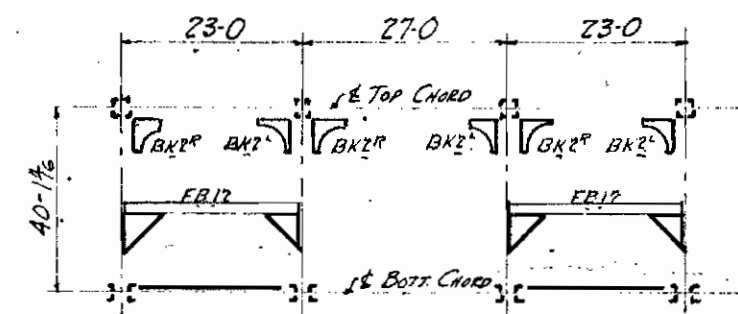
VIEW OF VERTICALS AT U-10 & U-13
SHOWING 1/2" HOLES FOR 1" BOLTS.
AFTER BRIDGE IS ERECTED THESE BOLTS
ARE TO BE REMOVED AND HOLES LEFT OPEN.



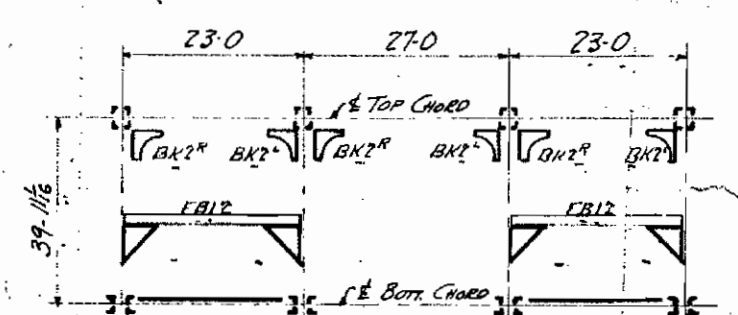
SECTION B-B
FOR MARKS SEE SH. E5



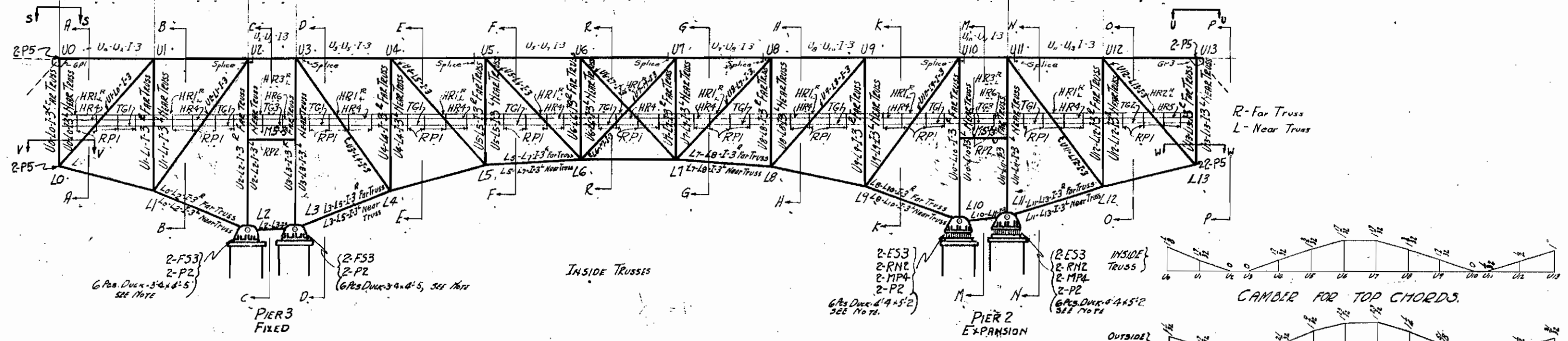
SECTION K-K
U9-L9



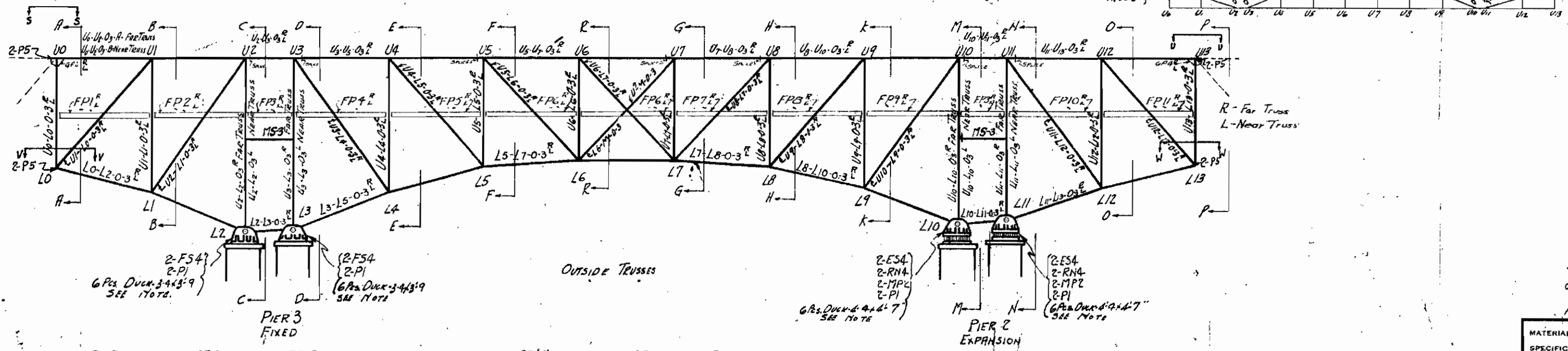
SECTION M-M
U10-U10



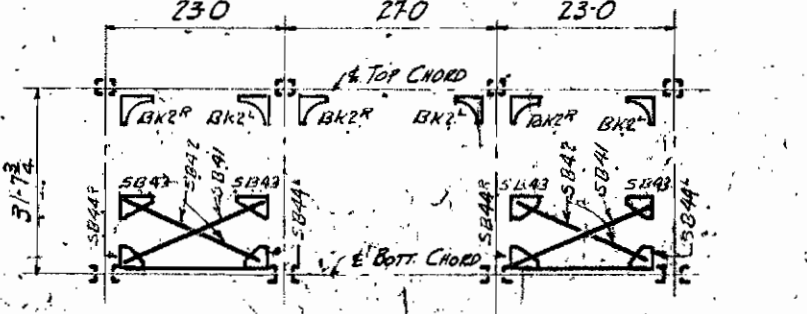
SECTION N-N
U11-L11



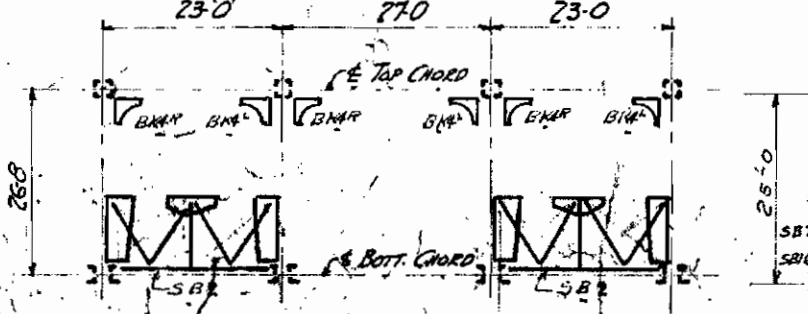
INSIDE TRUSSES



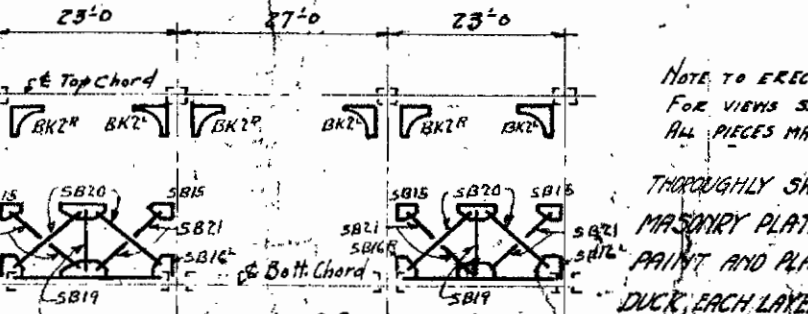
OUTSIDE TRUSSES



SECTION O-O
U12-L12



SECTION P-P
U13-L13

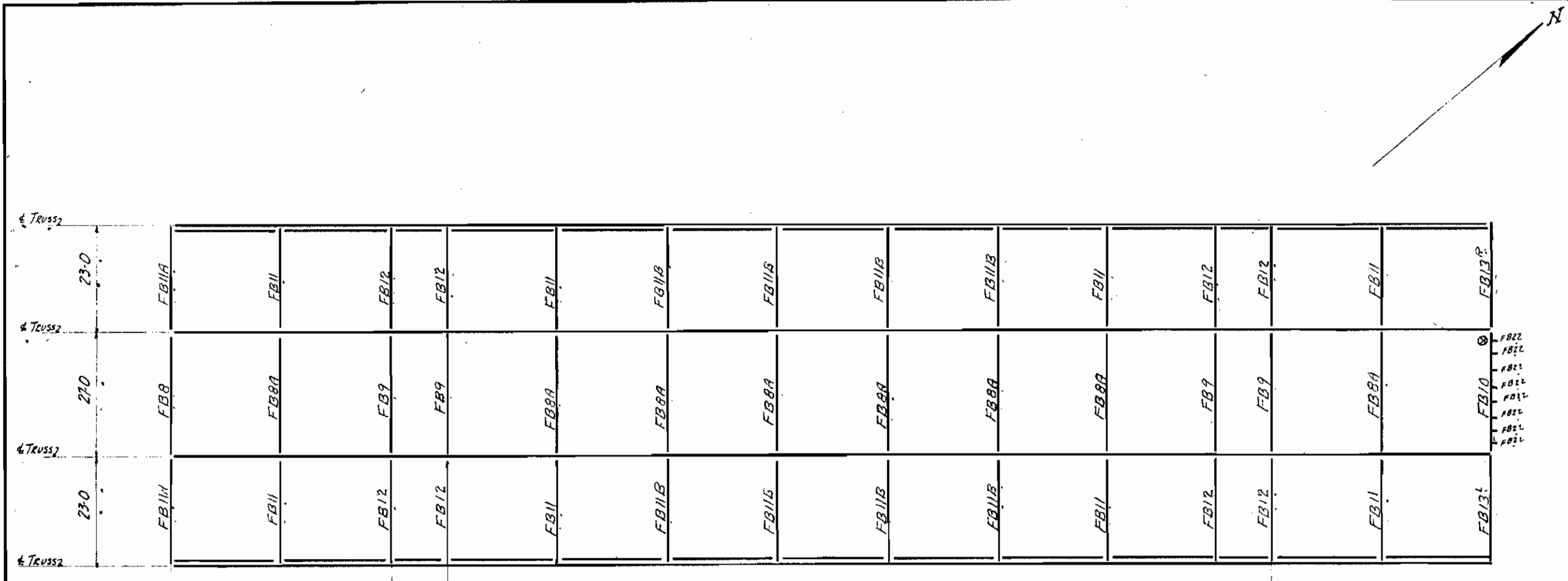


SECTION R-R
U6-U6

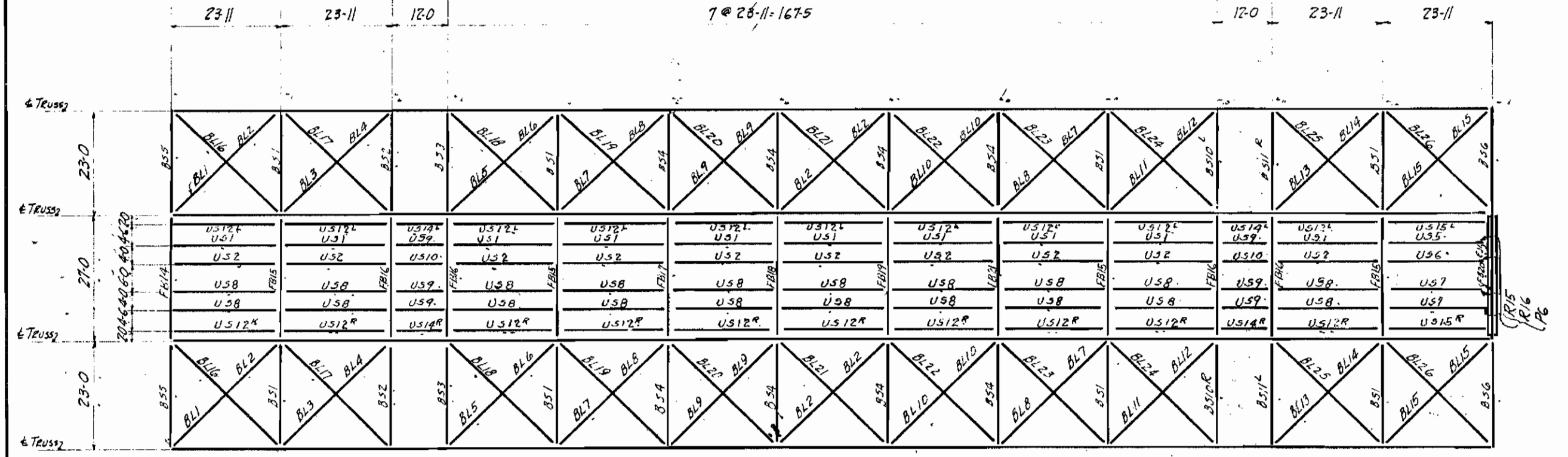
NOTE TO ERECTOR:
FOR VIEWS SS, VV, UU, WW SEE SH. E22.
ALL PIECES MARKED TO BE ERECTED BY DECK CONTRACTOR.
THOROUGHLY SWAB THE BEARING AREA UNDER THE
MASONRY PLATES AND FIXED SHOES WITH END LEAD
PAINT AND PLACE UPON IT 3 LAYERS OF 1/2 TO 1/4 INCH
DUCK, EACH LAYER BEING THOROUGHLY SWABBED ON ITS TOP
SURFACE WITH END LEAD PAINT. PLACE MASONRY PLATES
AND SHOES WHILE PAINT IS PLASTIC.

NOTE FOR MATCHMARKING
SHOP MARK INSIDE TRUSSES "NORTH" & "SOUTH"
CASTING & STRINGER MATCHMARK THUS O ETC.
FOR ADDITIONAL SECTIONS SEE DRG. E5

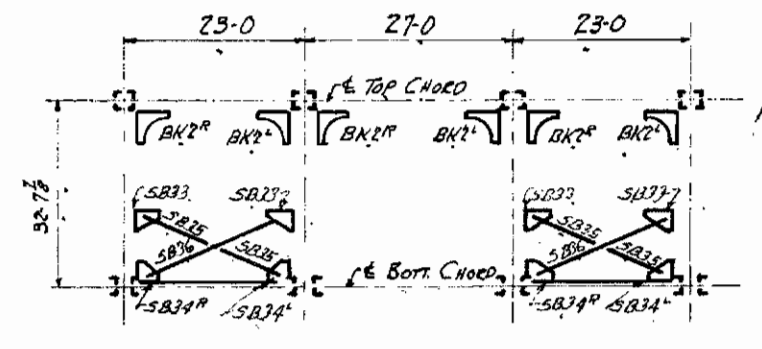
MATERIAL SPECIFICATIONS	CUYAHOGA COUNTY
SHOP INSPECTION BY	LORAIN CENTRAL BRIDGE
SHOP PAINT	CLEVELAND OHIO
FIELD PAINT SEE SH. E	WILBUR WATSON AND F. R. WALKER ENGINEERS
RIVETS HOLES PUNCHED	Erection Plan - Slabs - Trusses & Upper Floor
REMARKS	THE MT. VERNON BRIDGE CO.
FIELD CONNECTIONS	MT. VERNON, O.
ERECTED BY THE MT. VERNON BRIDGE CO.	IN CHARGE OF White
	MADE BY R. B. P. CHECKED
	CONTR. NO. 566



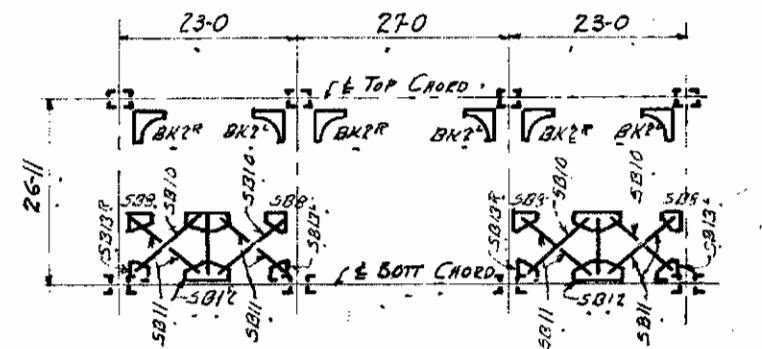
PLAN LOWER DECK



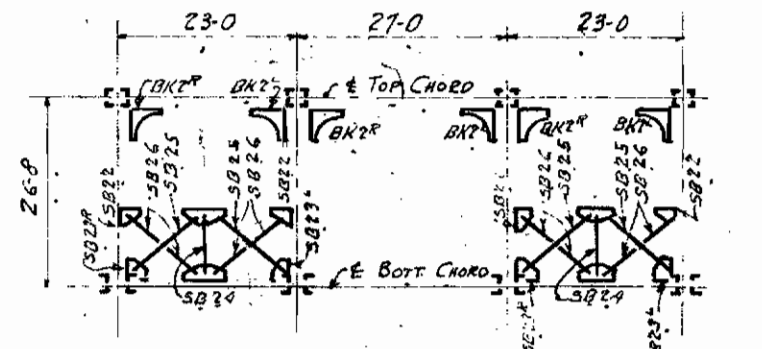
PLAN BOT. LATERALS & UTILITY FLOOR



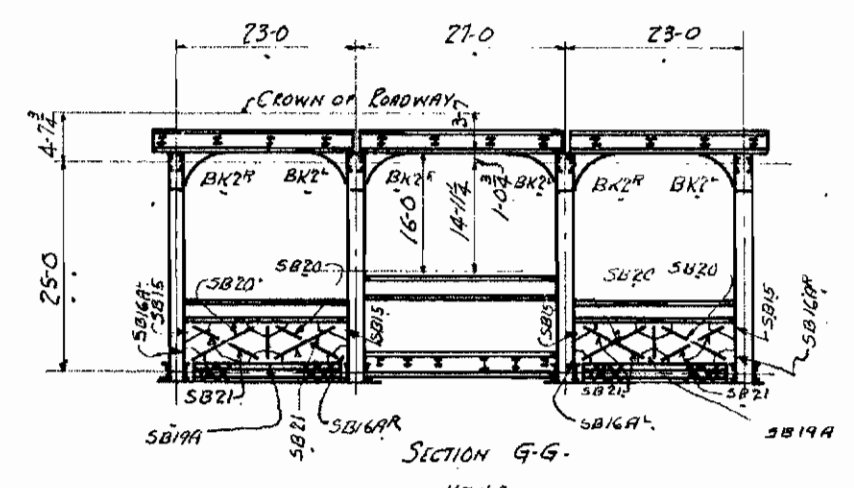
SECTION EE U4-L4



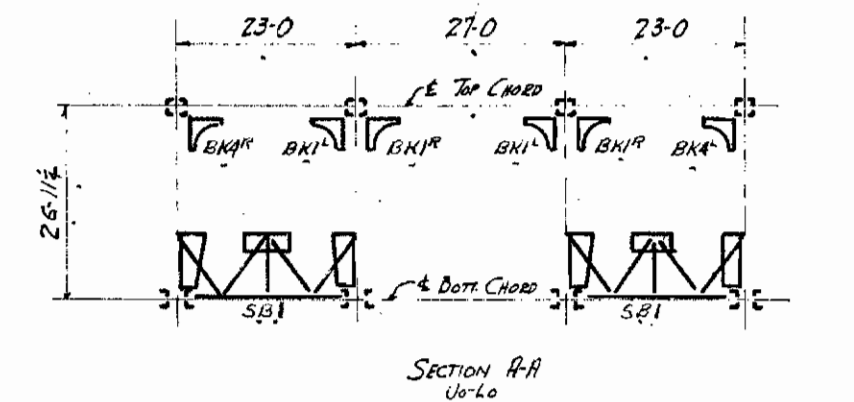
SECTION FF U5-L5



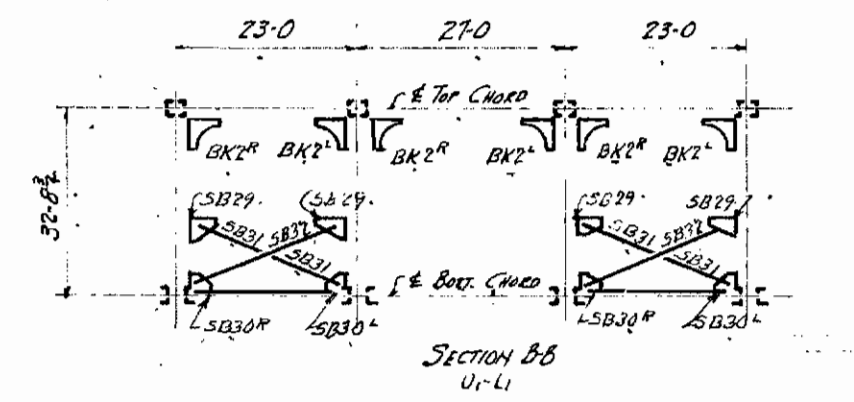
SECTION H-H U9-L9



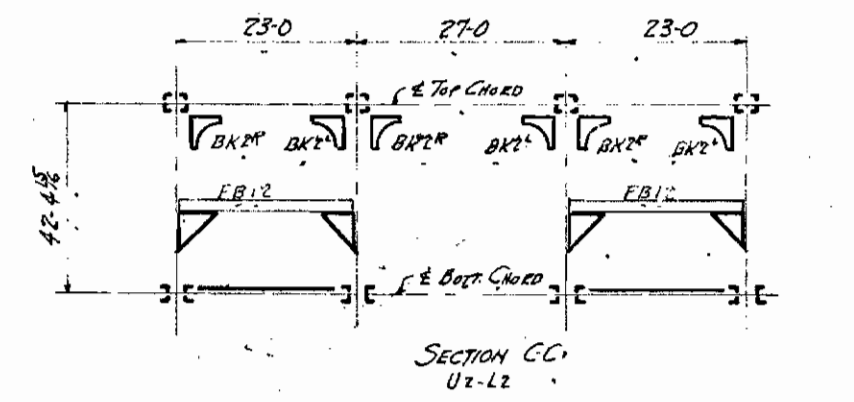
SECTION G-G U7-L7



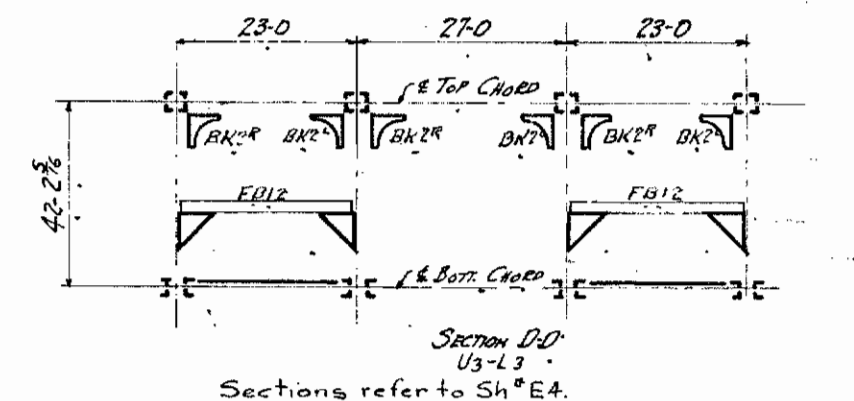
SECTION A-A U6-L6



SECTION B-B U1-L1



SECTION C-C U2-L2



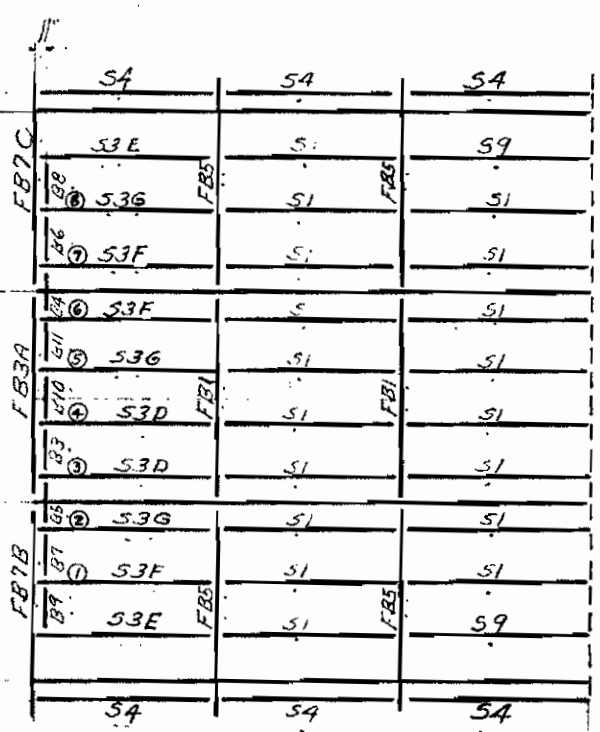
SECTION D-D U3-L3

Sections refer to Sh-1 EA.

MATERIAL SPECIFICATION	CUYAHOGA COUNTY LORAIN CENTRAL BRIDGE CLEVELAND OHIO WILBUR WATSON AND F. R. WALKER ENGINEERS ERECTOR PLAN - SPAN 3 - LOWER FLOORS & BRACING THE MT. VERNON BRIDGE CO. MT. VERNON, O. IN CHARGE OF W. H. T. B. MADE BY L. S. H. 90
SHOP INSTRUCTION BY SHOP PANEL	
FIELD PAINT: SEE SPEC. # E	CHECKED BY <i>[Signature]</i>
FIELD CONNECTIONS: RIVETS & BOLTS ERECTED BY THE MT. VERNON BRIDGE CO.	
CONT. NO. 5643	SHEET E5

Truss
23-0
Truss
27-0
Truss
23-0
Truss
23-0

21-5-9
4@6'-0" x 21'-4"
3-3-3-5
4@6'-0" x 21'-4"
5-9-2-9

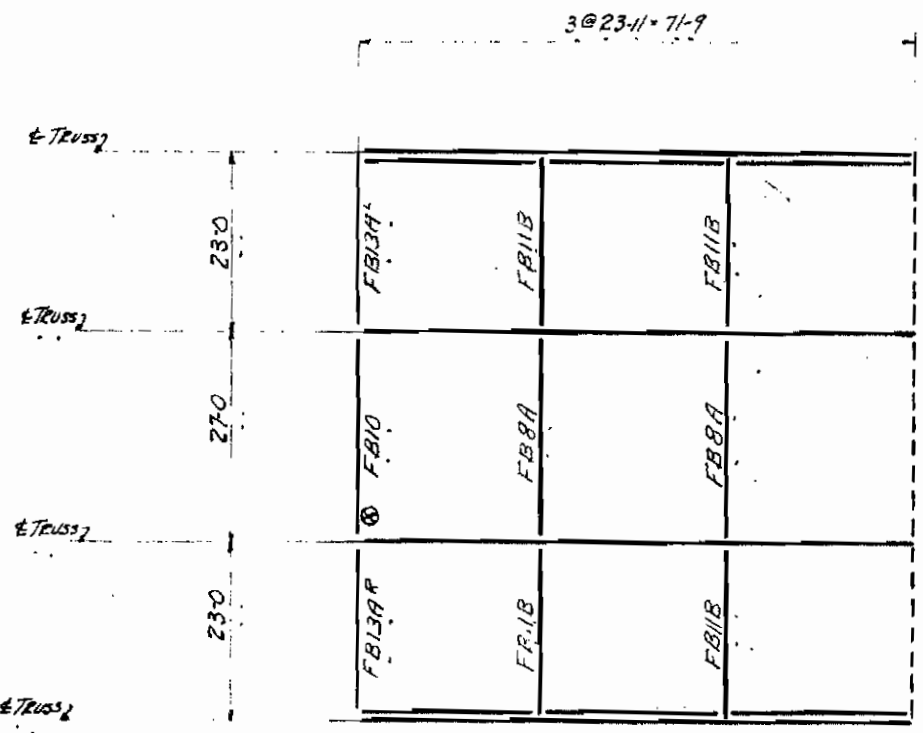


PLAN UPPER DECK

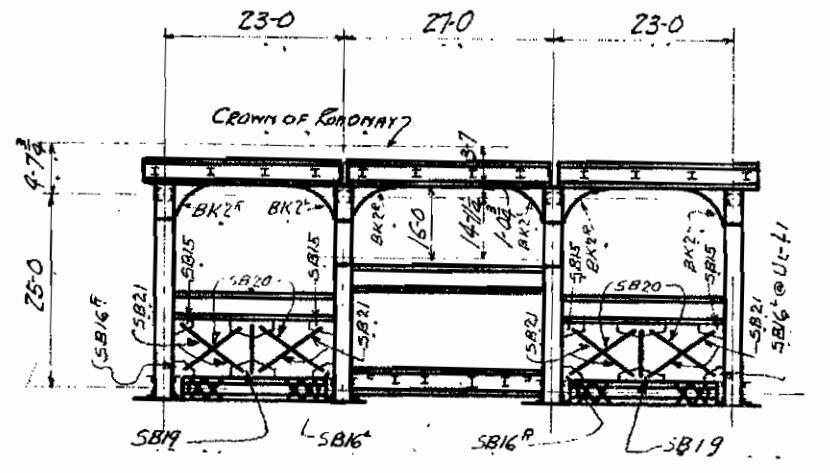
Span 5
SU E7, L8

3@23'-11" 7'-9"

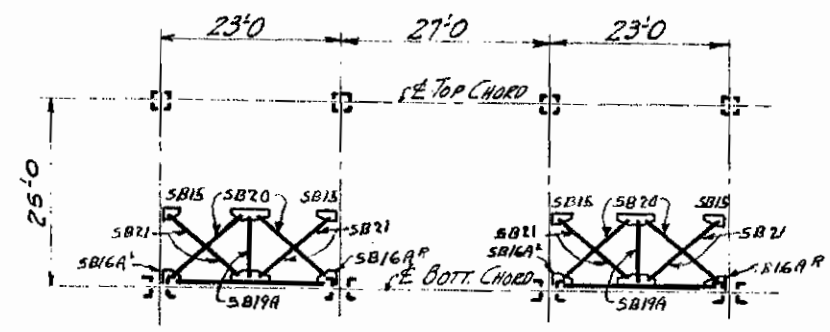
Span 3
SU L4, L5



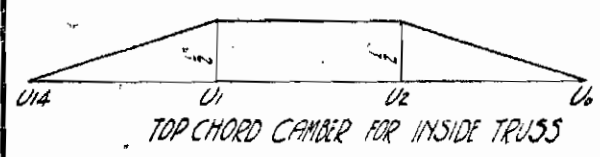
PLAN LOWER DECK



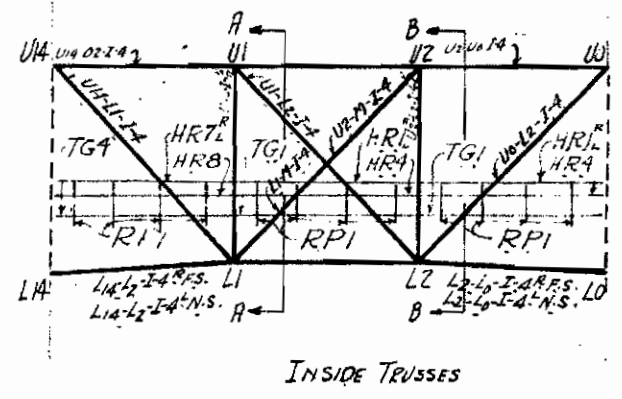
SECTION A-A
U-11



SECTION B-B
U-12

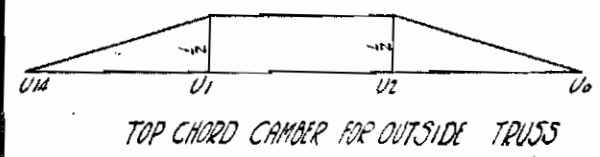


TOP CHORD CAMBER FOR INSIDE TRUSS

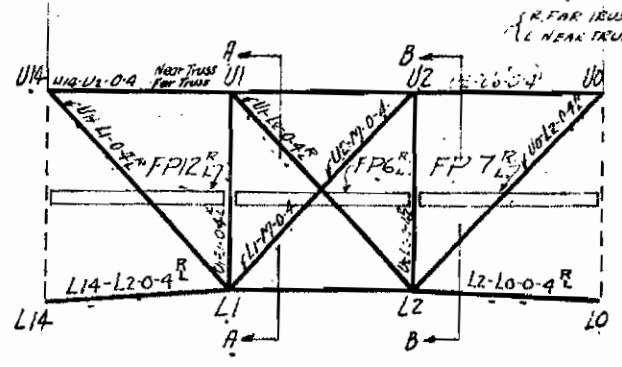


INSIDE TRUSSES

R - Far Truss
L - Near Truss

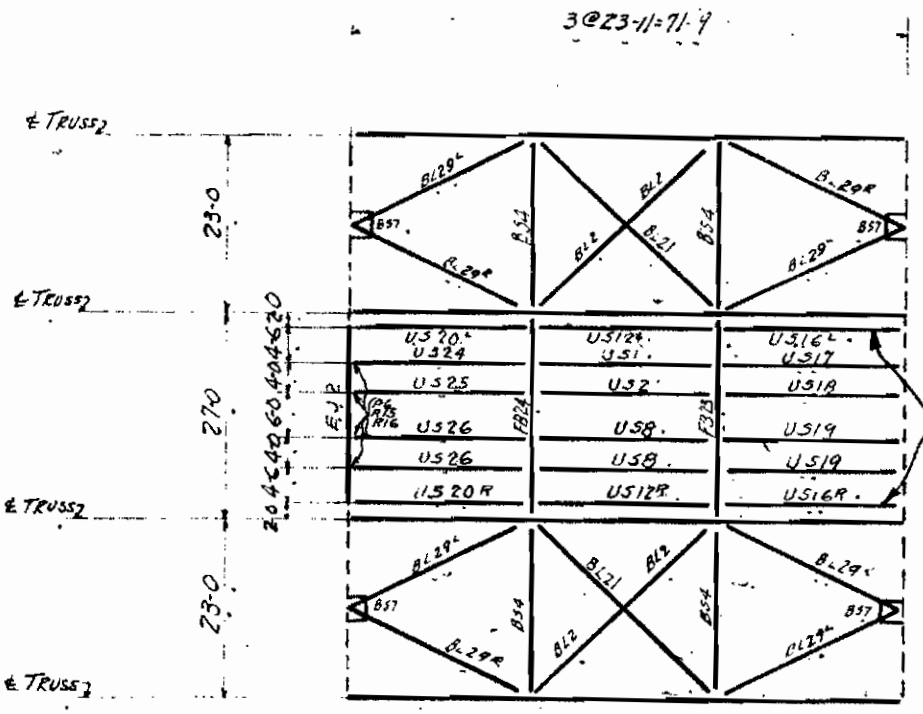


TOP CHORD CAMBER FOR OUTSIDE TRUSS



OUTSIDE TRUSSES

R - Far Truss
L - Near Truss



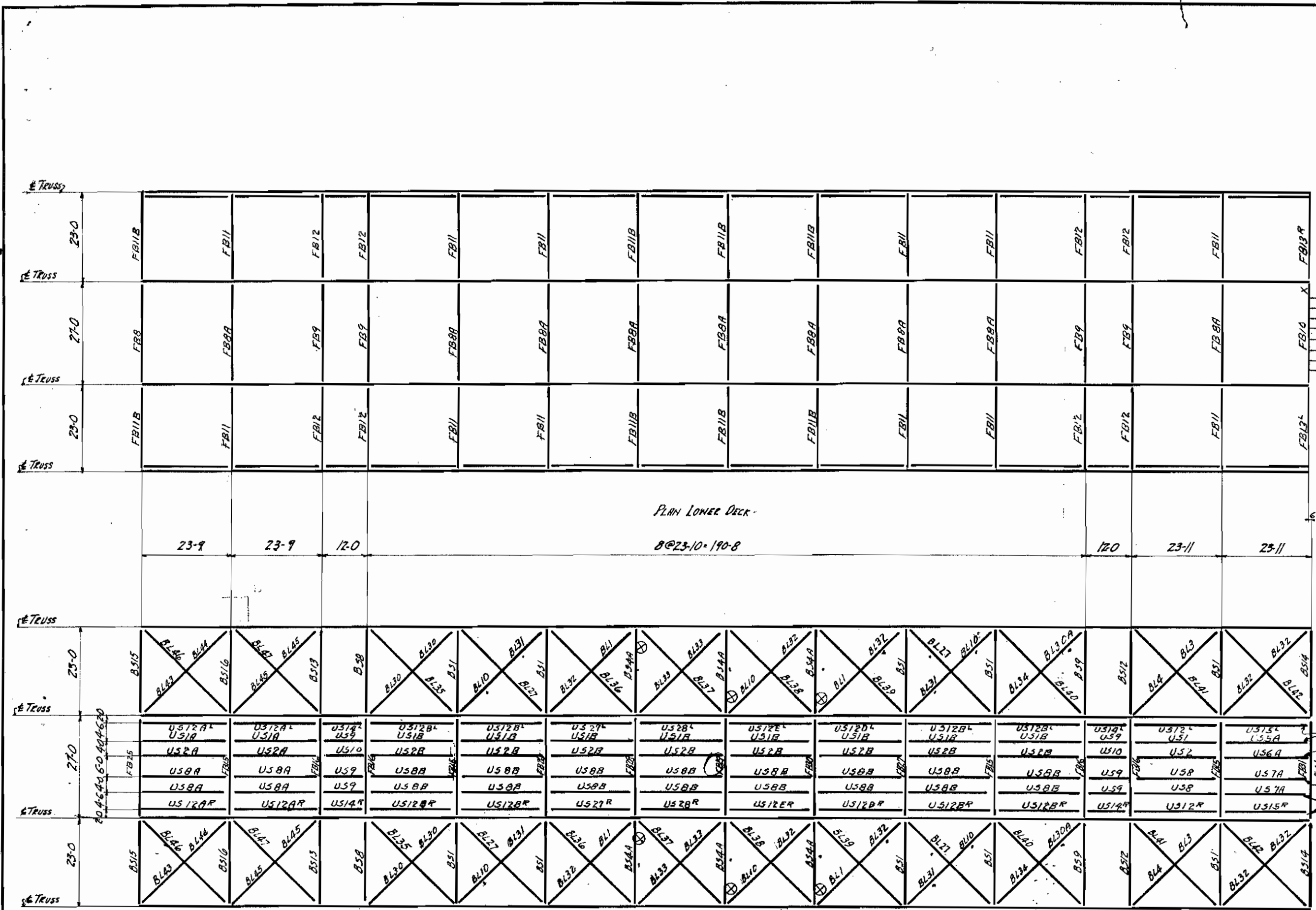
PLAN BOTH LATERALS & UTILITY FLOOR

ERECTOR'S NOTE:
FLOOR BEAMS MUST BE RIVETED TO TRUSS BEFORE OUTSIDE LINES OF STRINGERS ARE RIVETED.

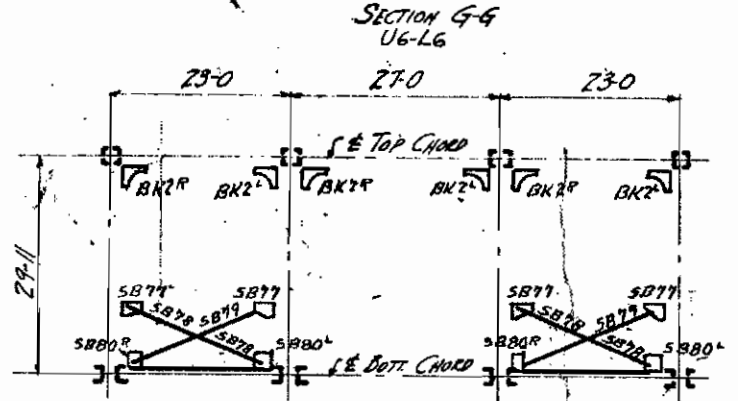
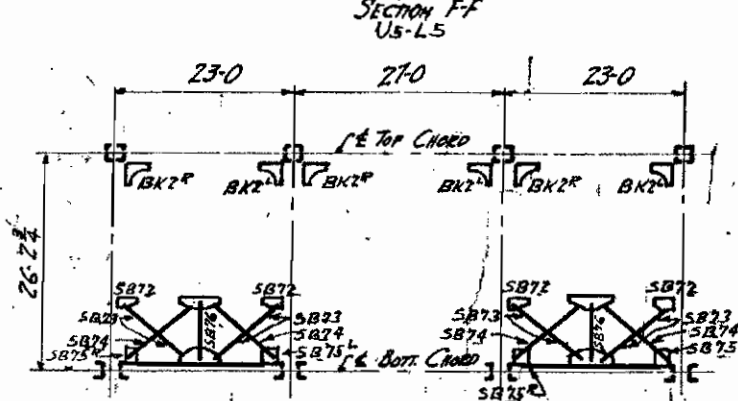
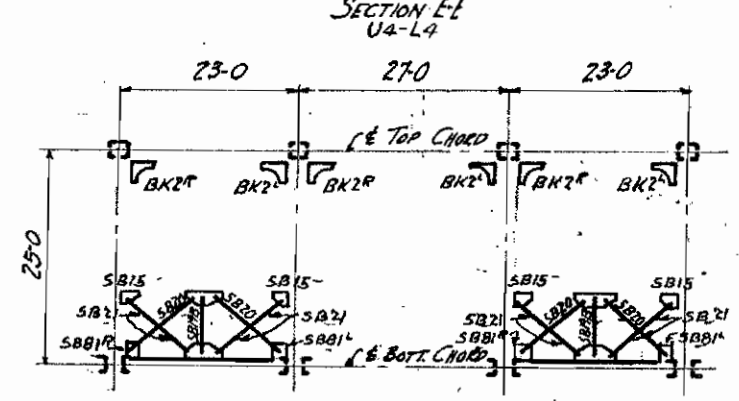
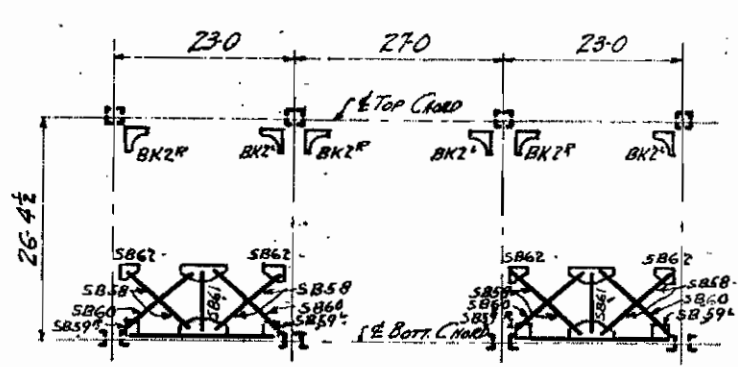
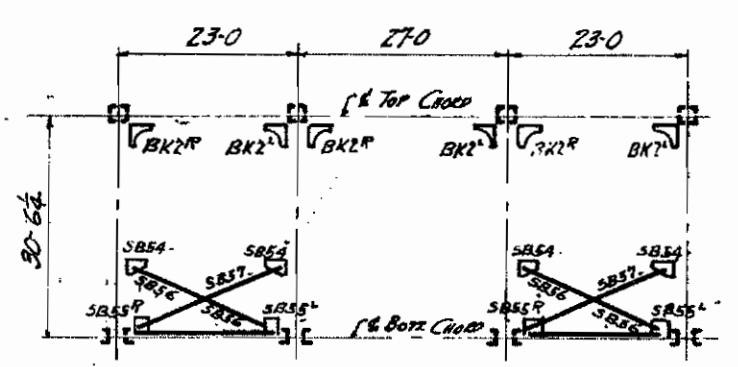
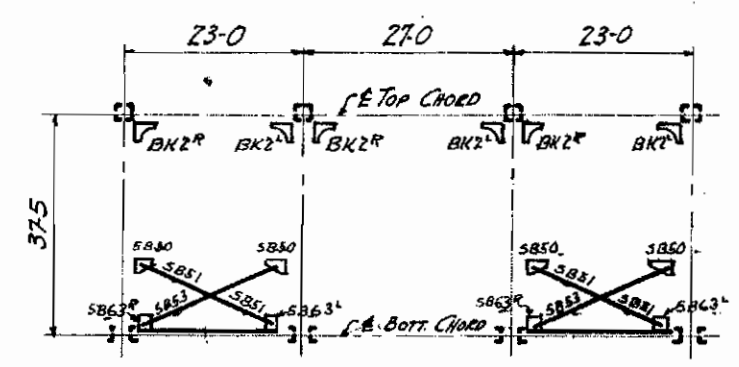
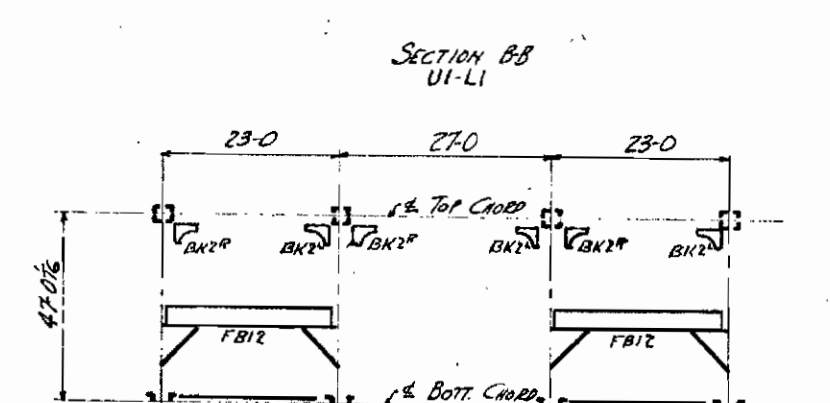
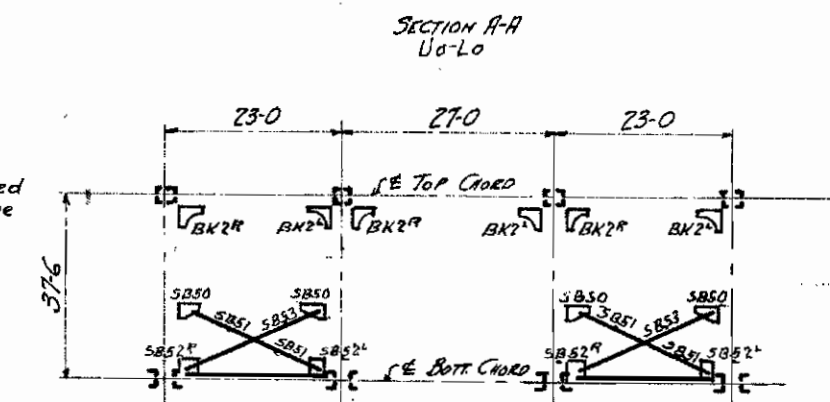
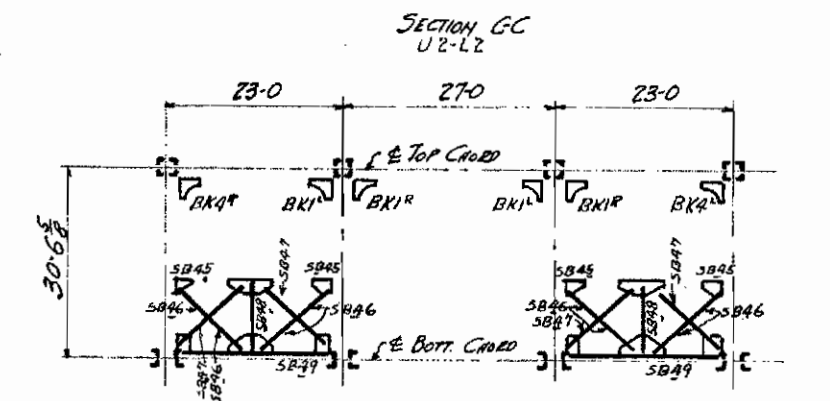
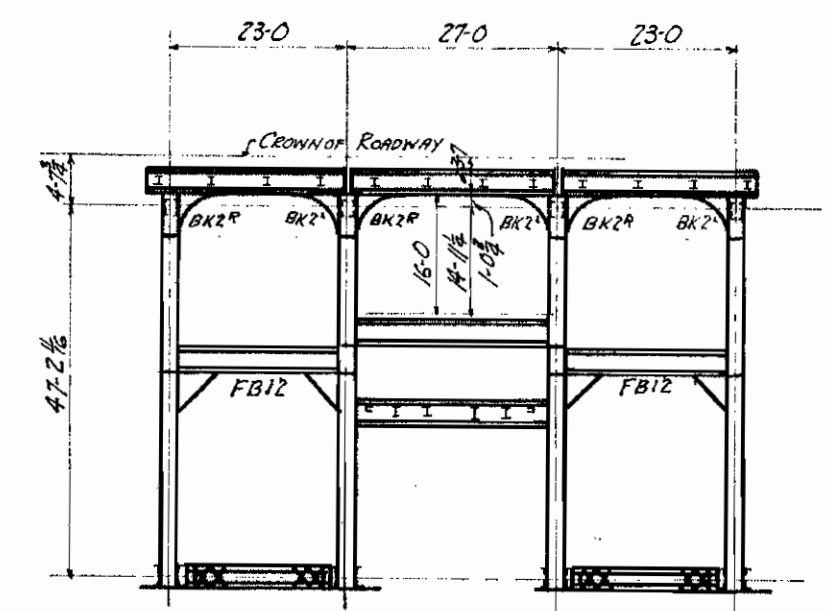
NOTE TO ERECTOR:-
ON UPPER DECK SHIMS SH1 (DETAILED ON SHEET 73) TO BE PLACED ONE AT THE END OF EACH STRINGER WHERE NECESSARY WHERE STRINGERS ARE RIVETED BOTH ENDS.
DIM'S 23 TO 21 INCL. MUST BE LIMITED WHEN STRINGERS ARE PLACED TO FLOOR BEAMS.

SHOP NOTE FOR MATCH MARKING:
SHOP MARK INSIDE TRUSS NORTH & SOUTH
" OUTSIDE "
CASTINGS & STRINGERS MATCH MARKED TRUSS @ ETC.

MATERIAL	CUYAHOCA COUNTY
SPECIFICATIONS	LORAIN CENTRAL BRIDGE
SHOP INSPECTION BY	CLEVELAND, OHIO
SHOP PAINT	WILBUR WATSON AND F. R. WALKER EN
	Erection Plan Sp
	THE MT. VERNON BRIDGE
	MT. VERNON, O
FIELD PAINT	IN CHARGE OF <i>White</i>
RIVETS	MADE BY 2-9-18-20
HOLDS PUNCHED	CHECKED BY
SEE 514-E	
REAMING	
FIELD CONNECTIONS	CONT. NO. 5643
ERECTED BY	SHEET

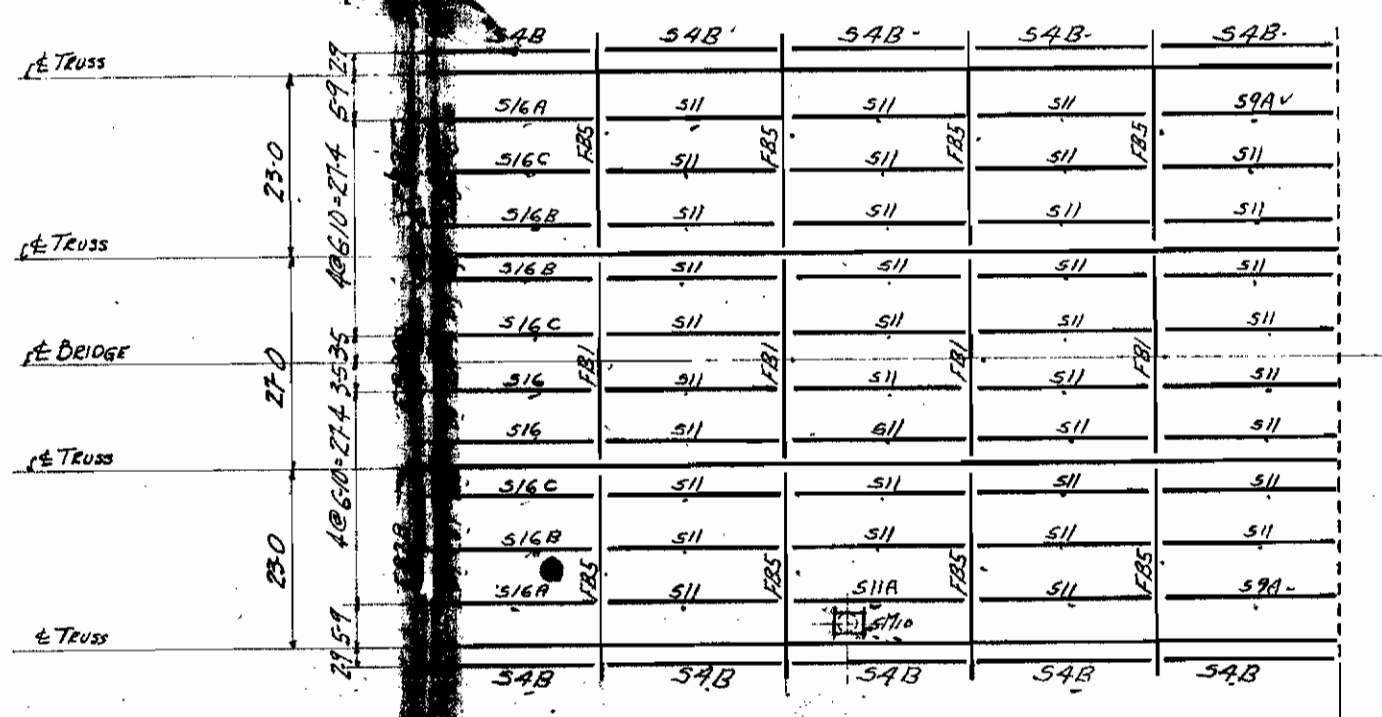


ERECTOR'S NOTE:
Floor Beams must be riveted
to Truss before outside line
of stringers are riveted.

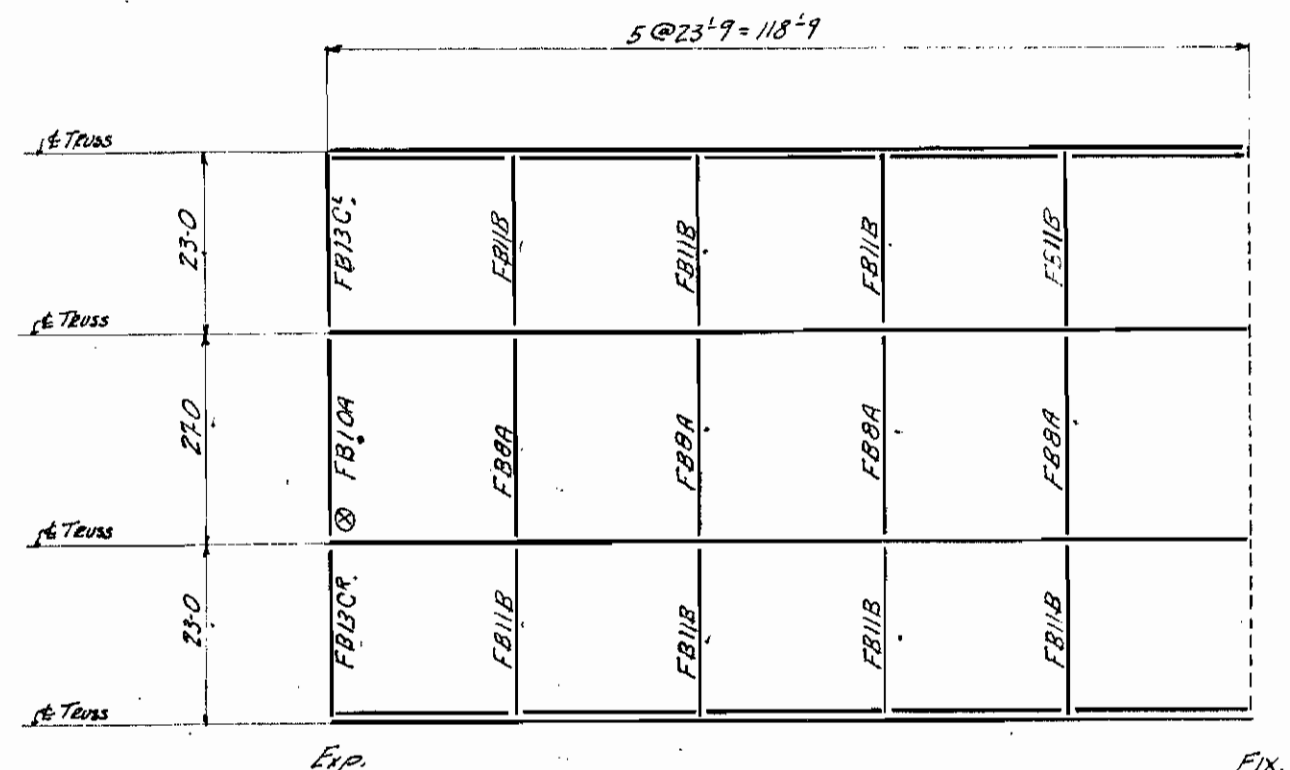


MATERIAL	
SPECIFICATIONS	
SHOP INSPECTION BY	
SHOP PAINT	
FIELD PAINT	
RIVETS	HOLLS PUNCHED
REAMING	
FIELD CONNECTIONS	
ERECTED BY	

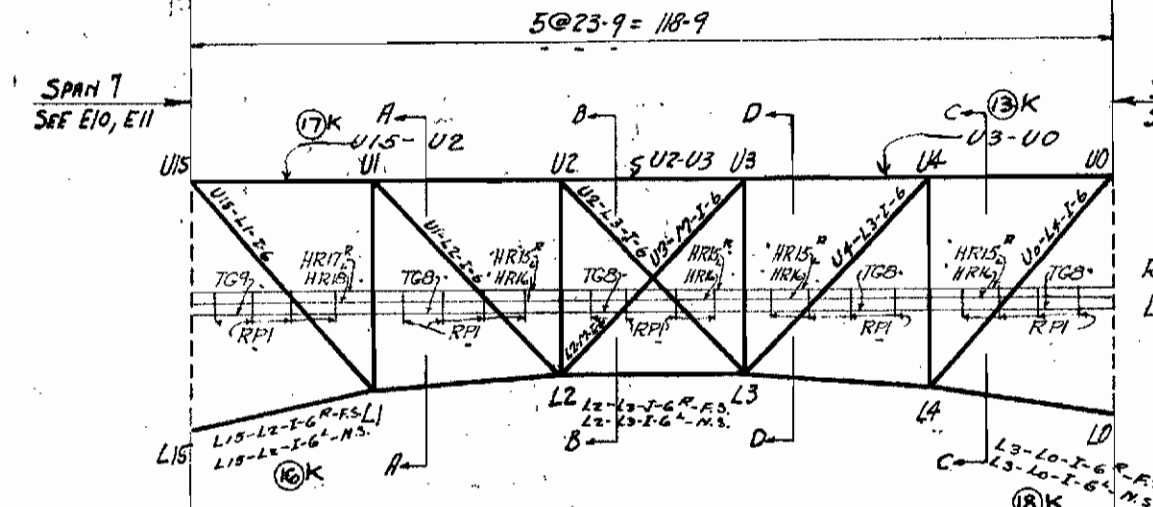
CUYAHOGA COUNTY
LORAIN CENTRAL BRIDGE
CLEVELAND OHIO
WILBER WATSON AND F. R. WALKER ENGINEERS
ERECTOR'S PLAN **SAMUEL L. LAMER FLOORS & BEAMS**
THE MT. VERNON BRIDGE CO.
MT. VERNON, O.
IN CHARGE OF *W. H. W.*
MADE BY... CHECKED BY *W. H. W.*
CONT. NO. **5643** SHEET **E8**



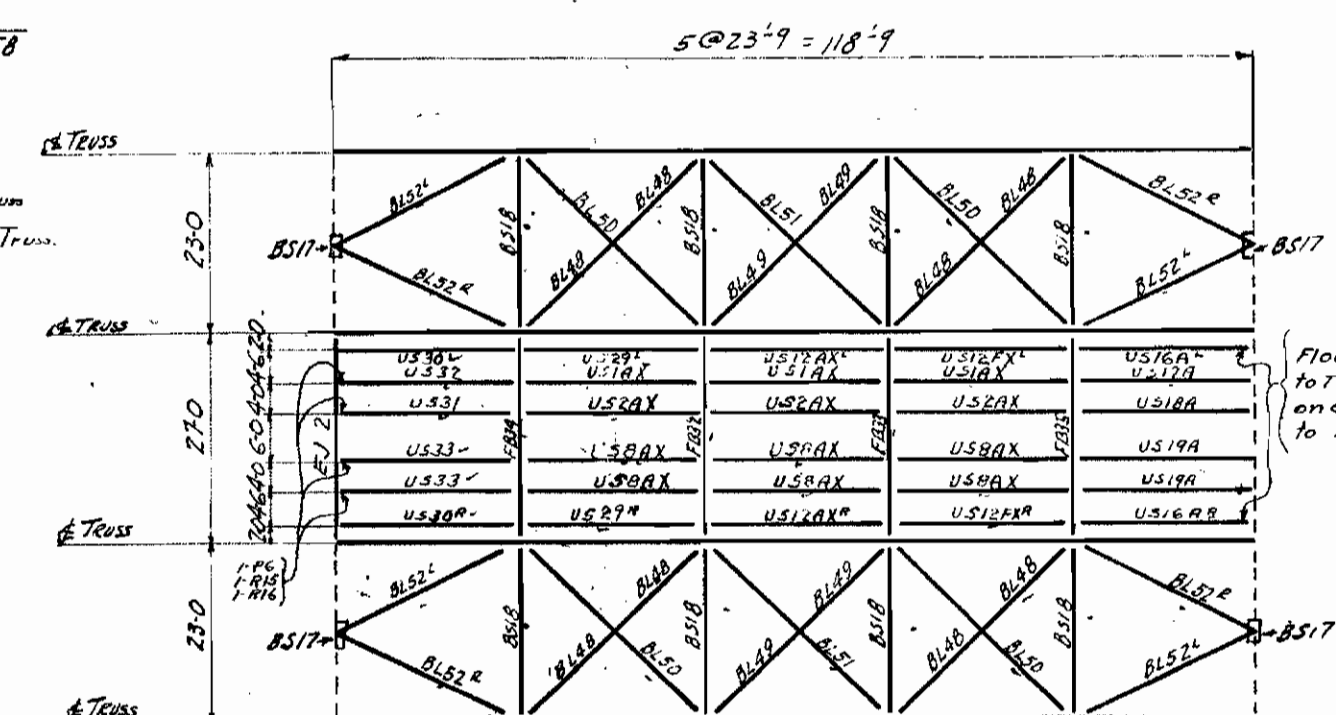
PLAN UPPER DECK



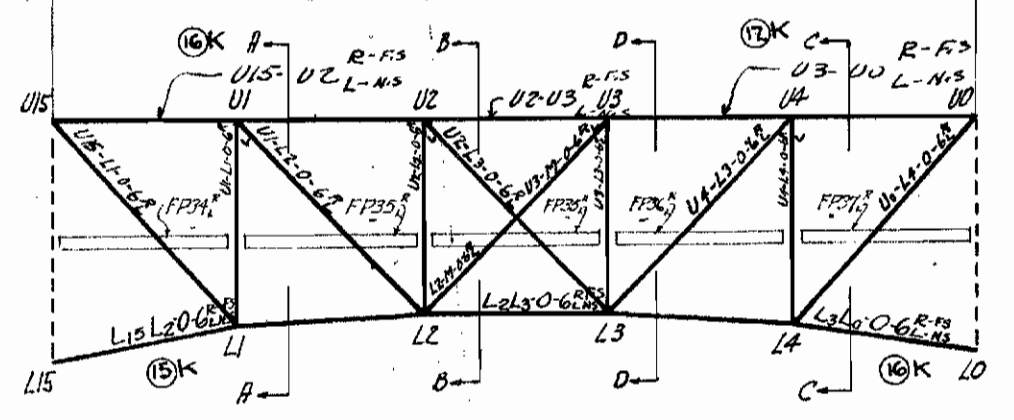
PLAN LOWER DECK



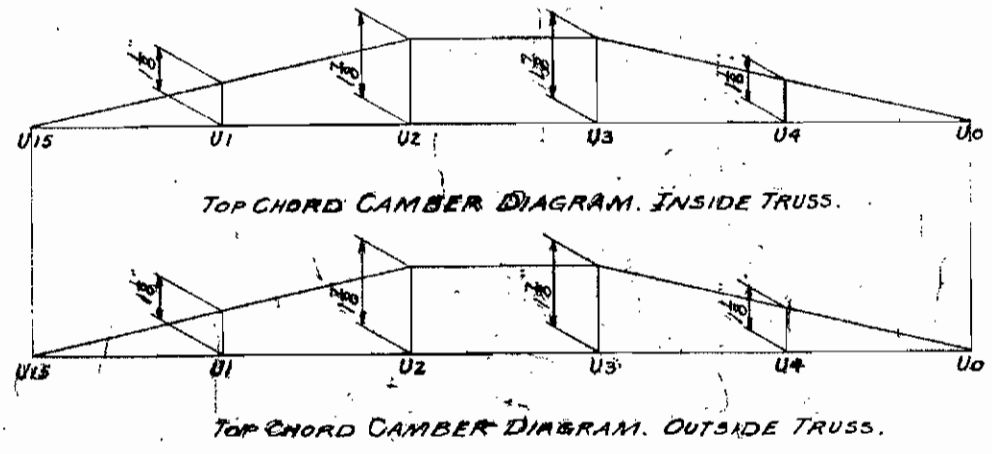
INSIDE TRUSSES



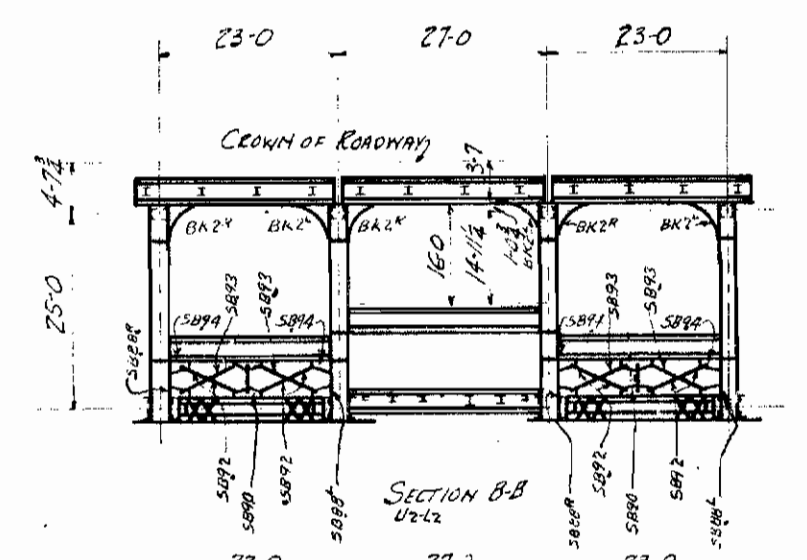
PLAN BOTTOM LATERALS & UTILITY FLOOR



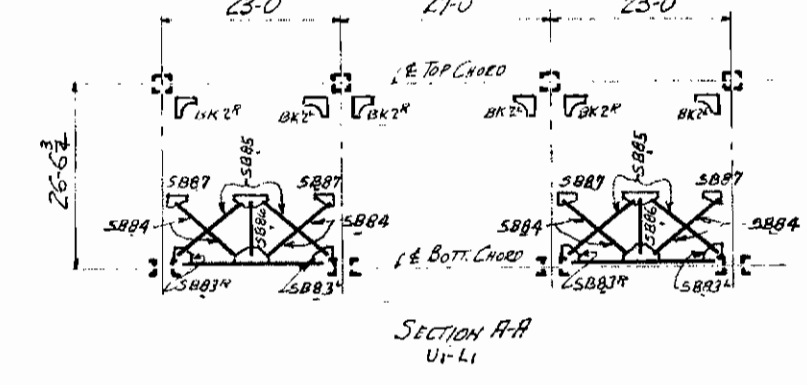
OUTSIDE TRUSSES



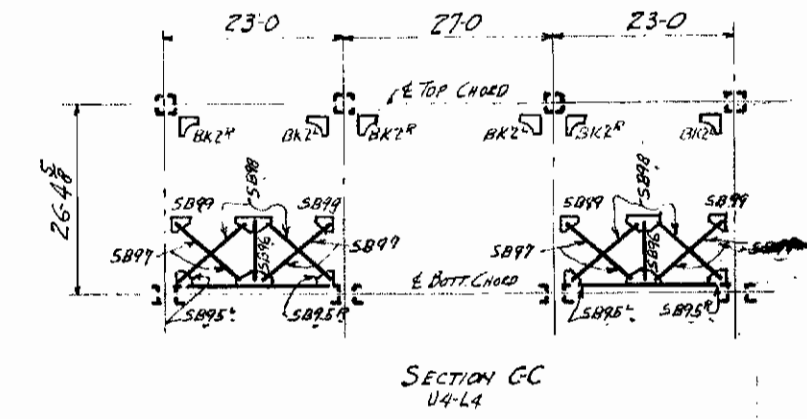
Note for Matchmarking.
Shop Mark Inside Trusses North & South
Outside



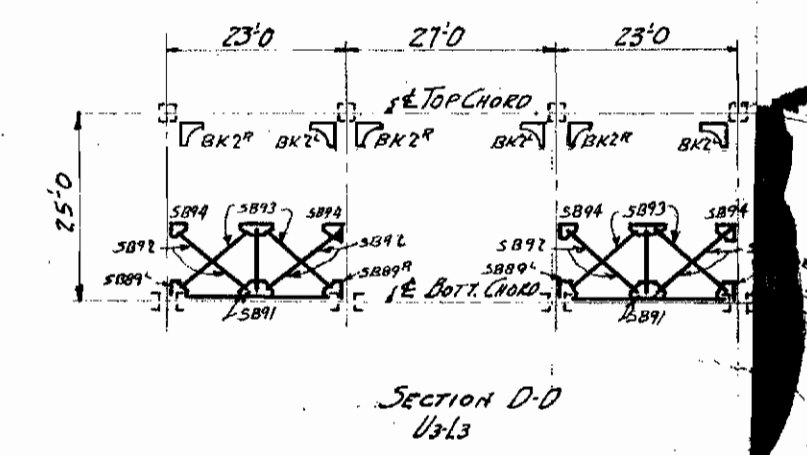
SECTION B-B



SECTION A-A



SECTION C-C



SECTION D-D

Erector's Note.
Drive rivets of Top Chord Splices in Top Flange View before those in all pieces marked M to be erected by deck contractor.
On upper deck stringers SH (Detailed on sheet 73) to be placed one at the end of each stringer where necessary where stringers are riveted both ends.
Beams B3 to B11 incl. must be erected before stringers.

MATERIAL	CU
SPECIFICATIONS	LORAIN
SHOP INSPECTION BY	WILBUR WATSON
SHOP PAINT	ERECTIO
FIELD PAINT	THE MT.
RIVETS	IN CHARGE OF
HOLES PUNCHED	MADE BY
HEAVING	
FIELD CONNECTIONS	CONT. NO. 58
ERECTED BY	

SEE SHEET E