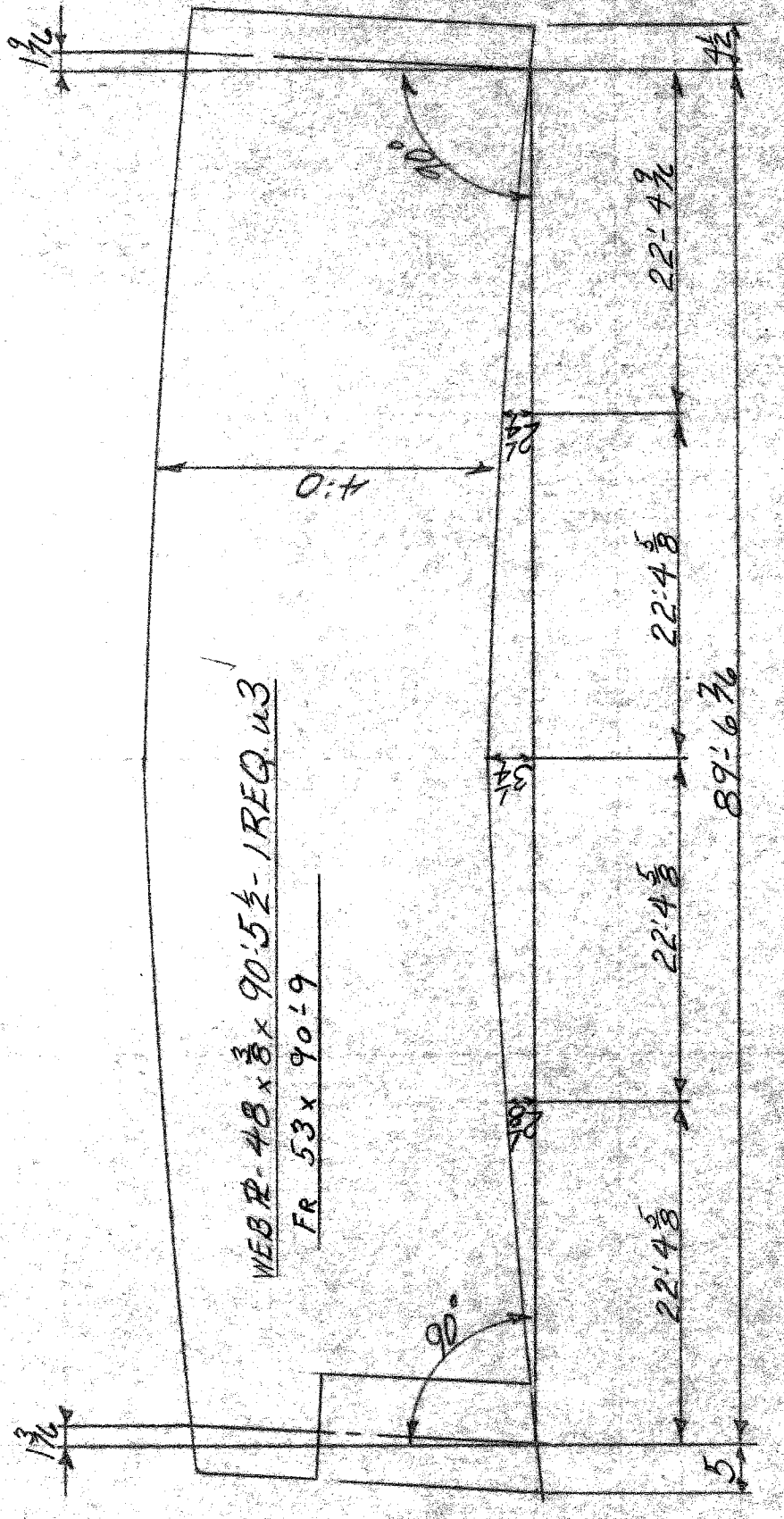
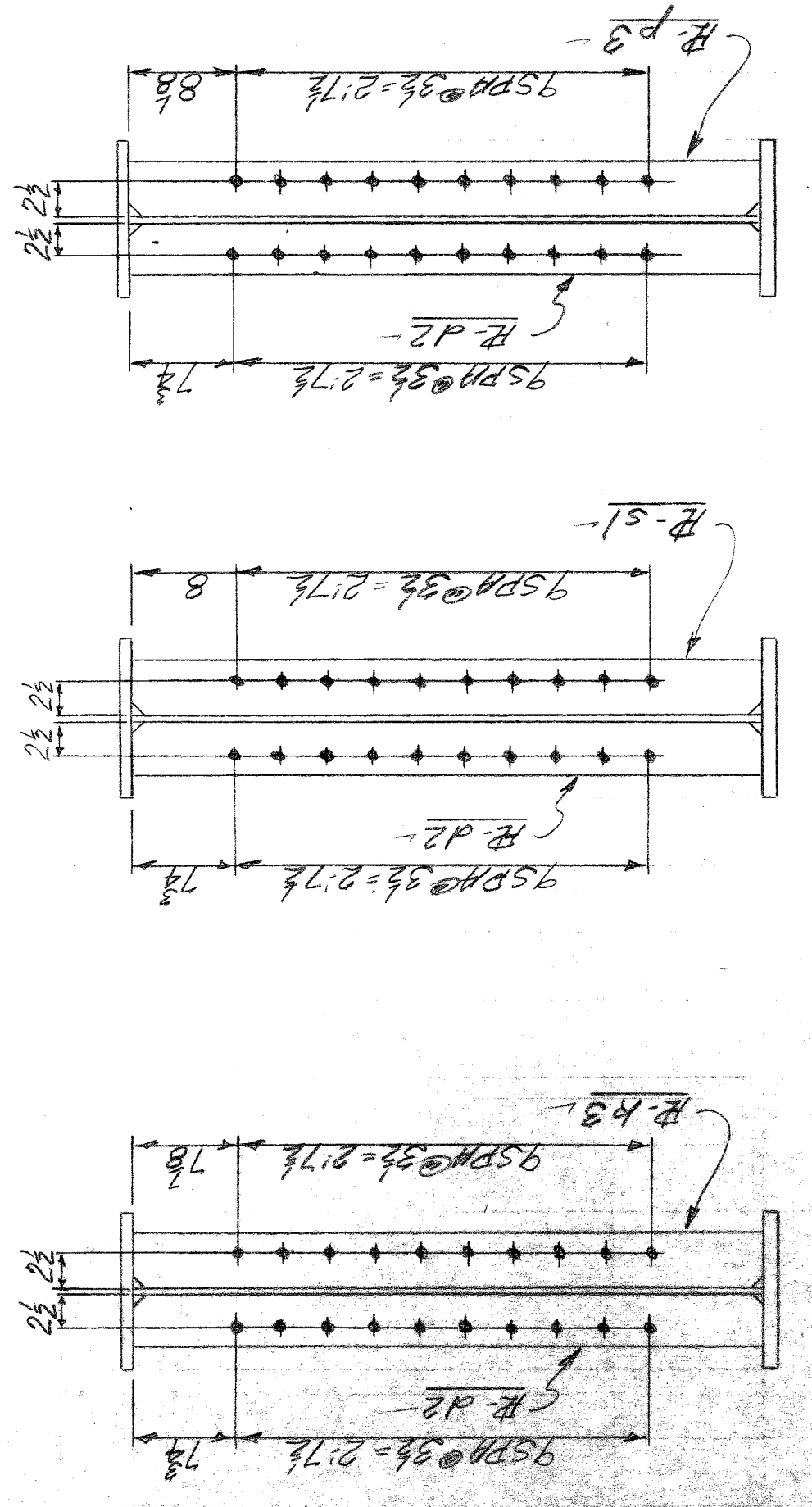
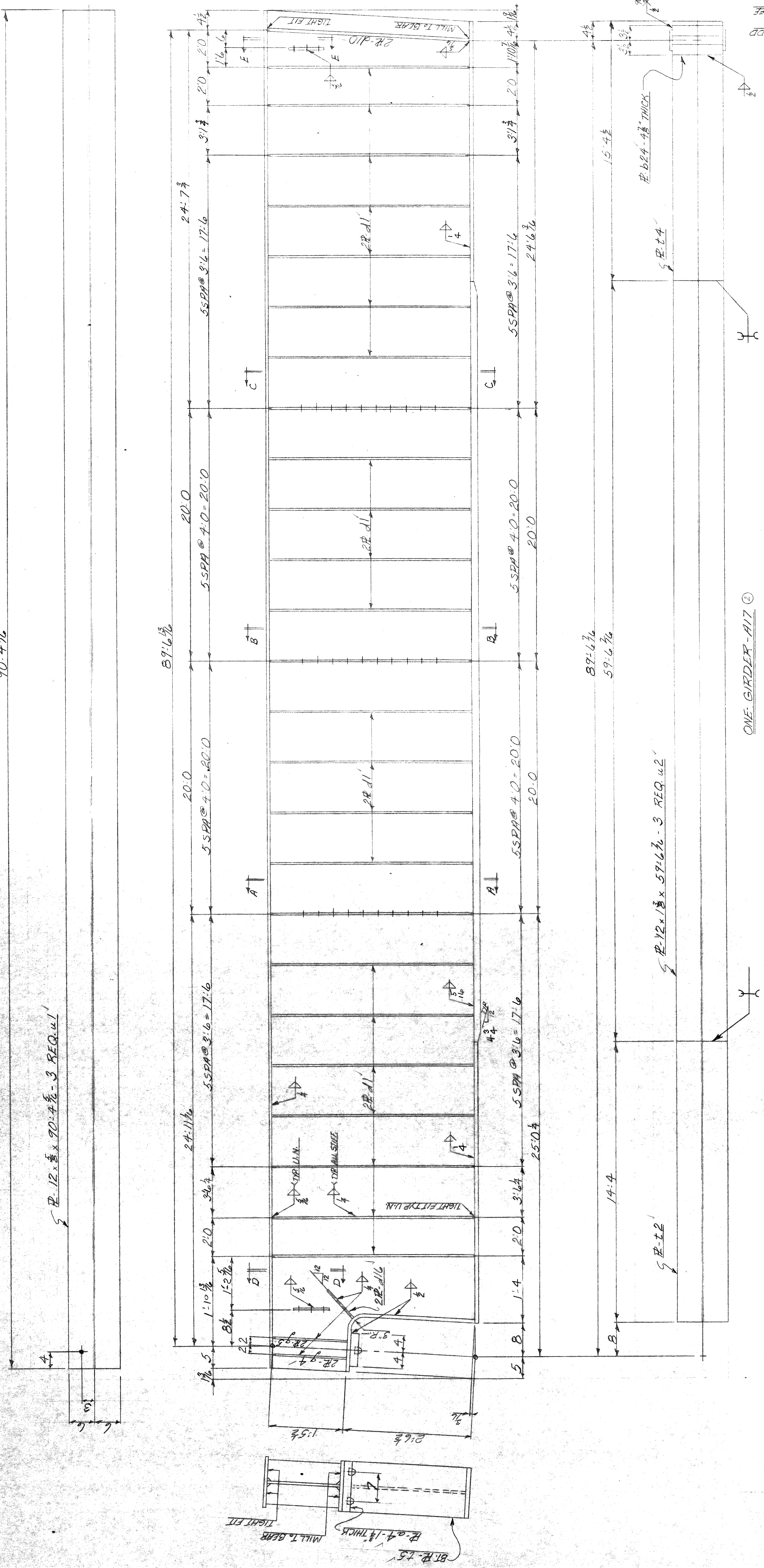


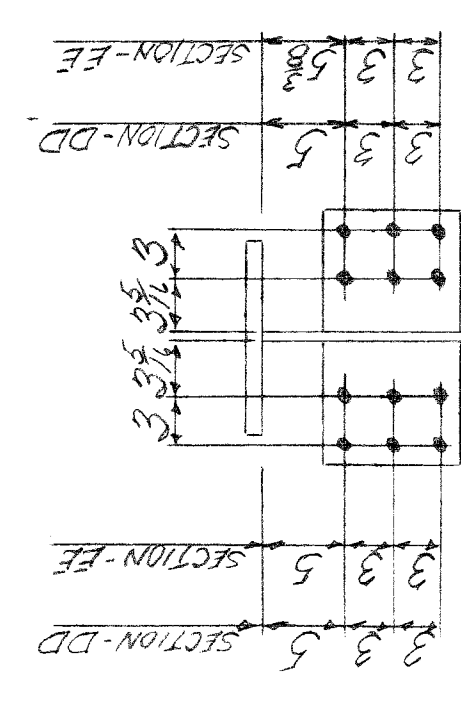
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

90:4 1/2

5 R-12 x 8 x 90:4 1/2 - 3 REQ. u1



ONE GIRDER - A17



VINCENNES STEEL
 Div. of NOVO Industrial Corp.
 Vincennes, Ind.

WAYNE COUNTY ROAD COMMISSION
 DETROIT, MICHIGAN
 STATE SEPARATION
 JOB NO. 248

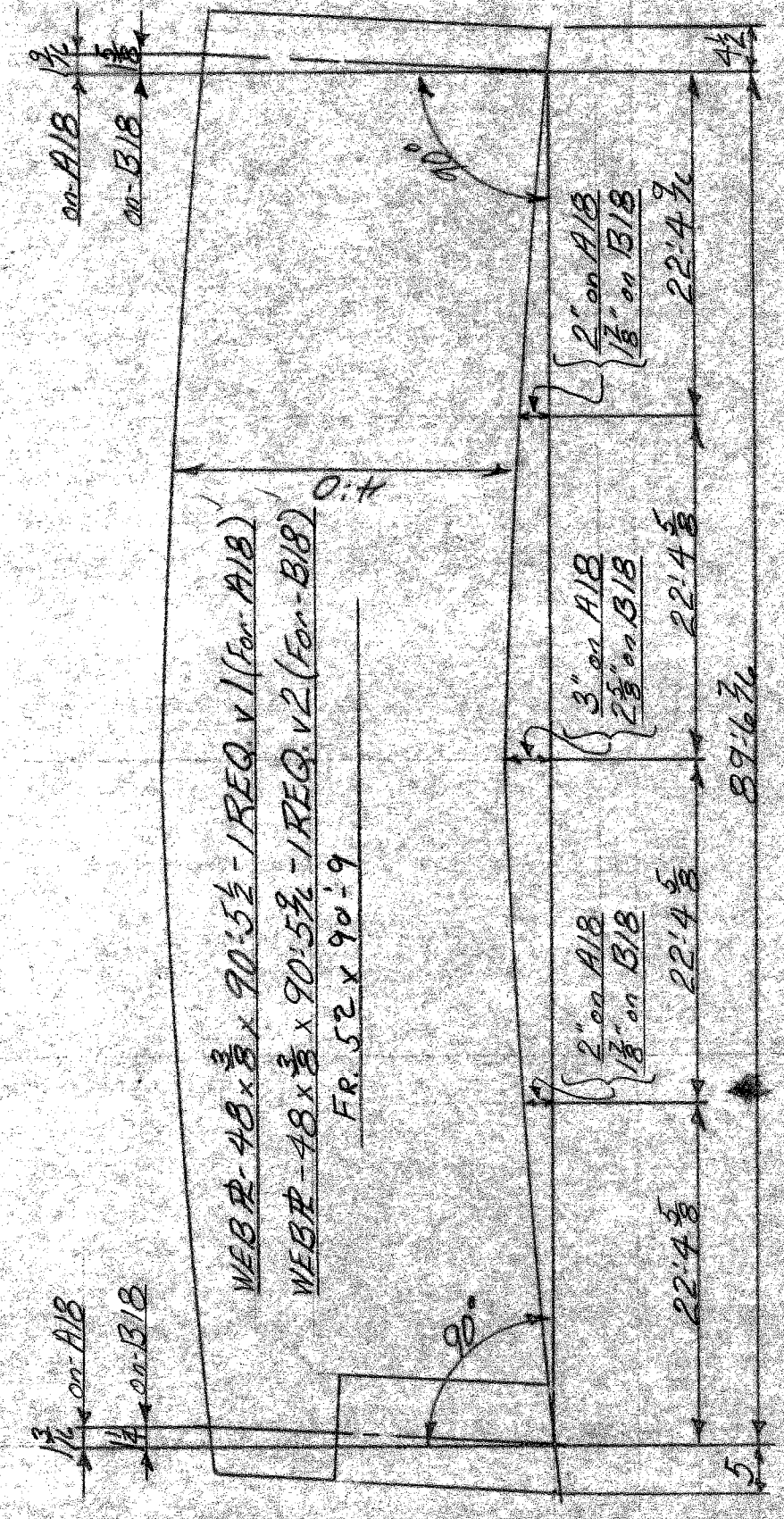
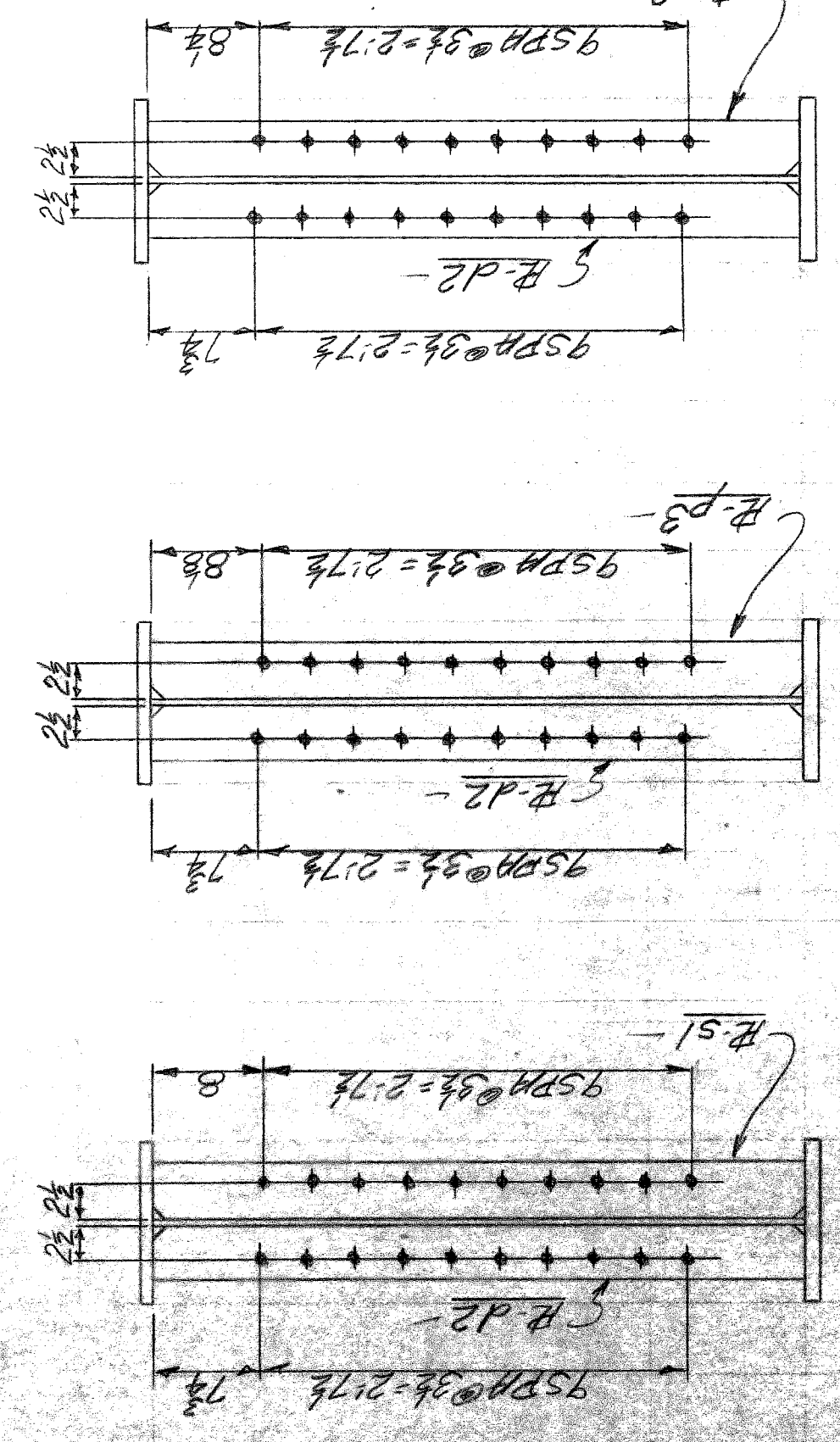
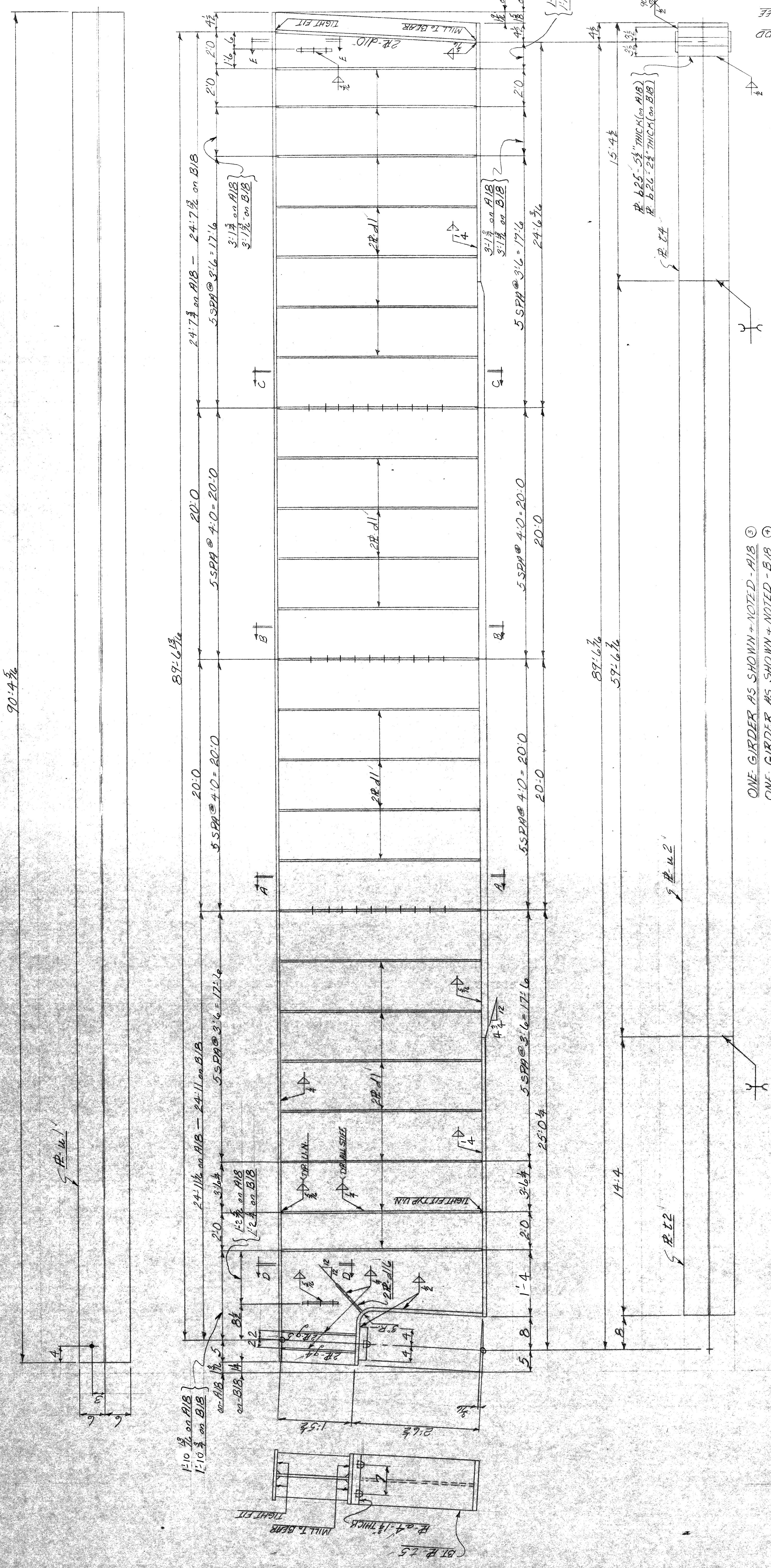
NET NOTES SHEET 3
 Edge Distance - 1 1/4" UN
 Contact Surfaces Shop - None
 Field - None

Point Name
 Holes - 1/2" UN
 Rivets - Bolts

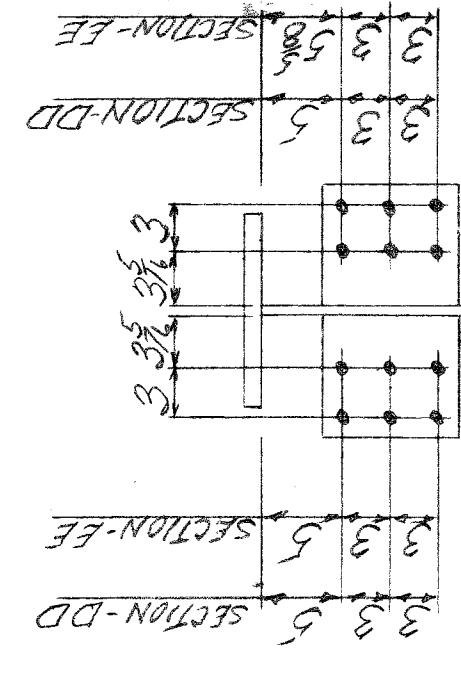
Drawn: *MB* Checked: *MB* Approved: *MB* Revised: *MB*
 1-69 1-69

Cont. No. 467 Sh. 17 of

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



ONE GIRDER AS SHOWN + NOTED - A1B
 ONE GIRDER AS SHOWN + NOTED - B1B



VINCENNES STEEL
 Div. of NOVO Industrial Corp.
 Vincennes, Ind.

WAYNE COUNTY ROAD COMMISSION
 DETROIT, MICHIGAN
 17000 COTT - MOUND ROAD
 CANOE SEPARATION
 JOB NO. 246

SEE NOTES SHEET 3

Edge Distance - 1 1/2" MIN
 Contact Surfaces - Shop - None & Field - None
 Paint -
 Name -
 Holes - 1/4" MIN
 Rivets - Bolts -

Drawn -
 Checked -
 Approved -
 Revised -

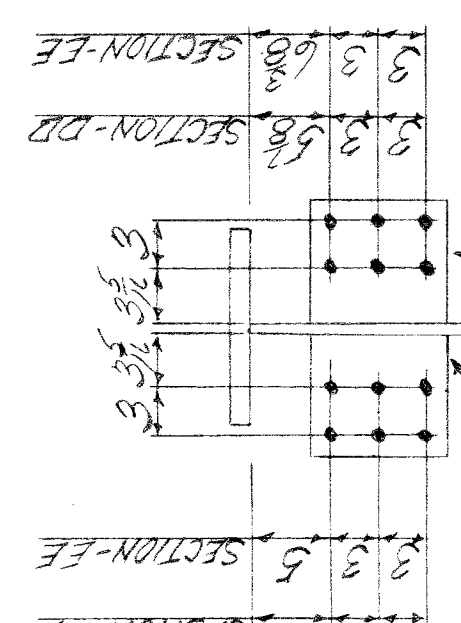
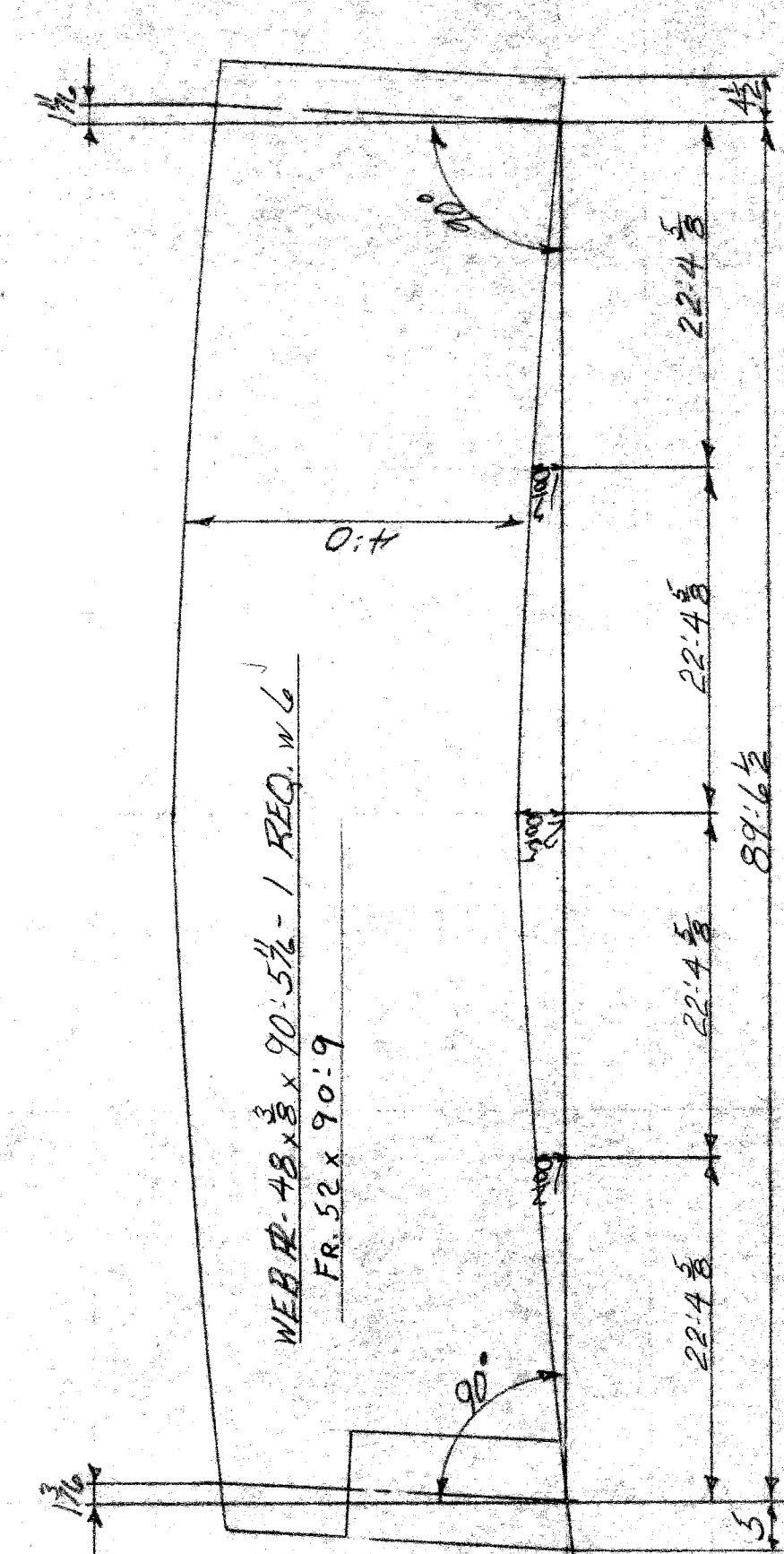
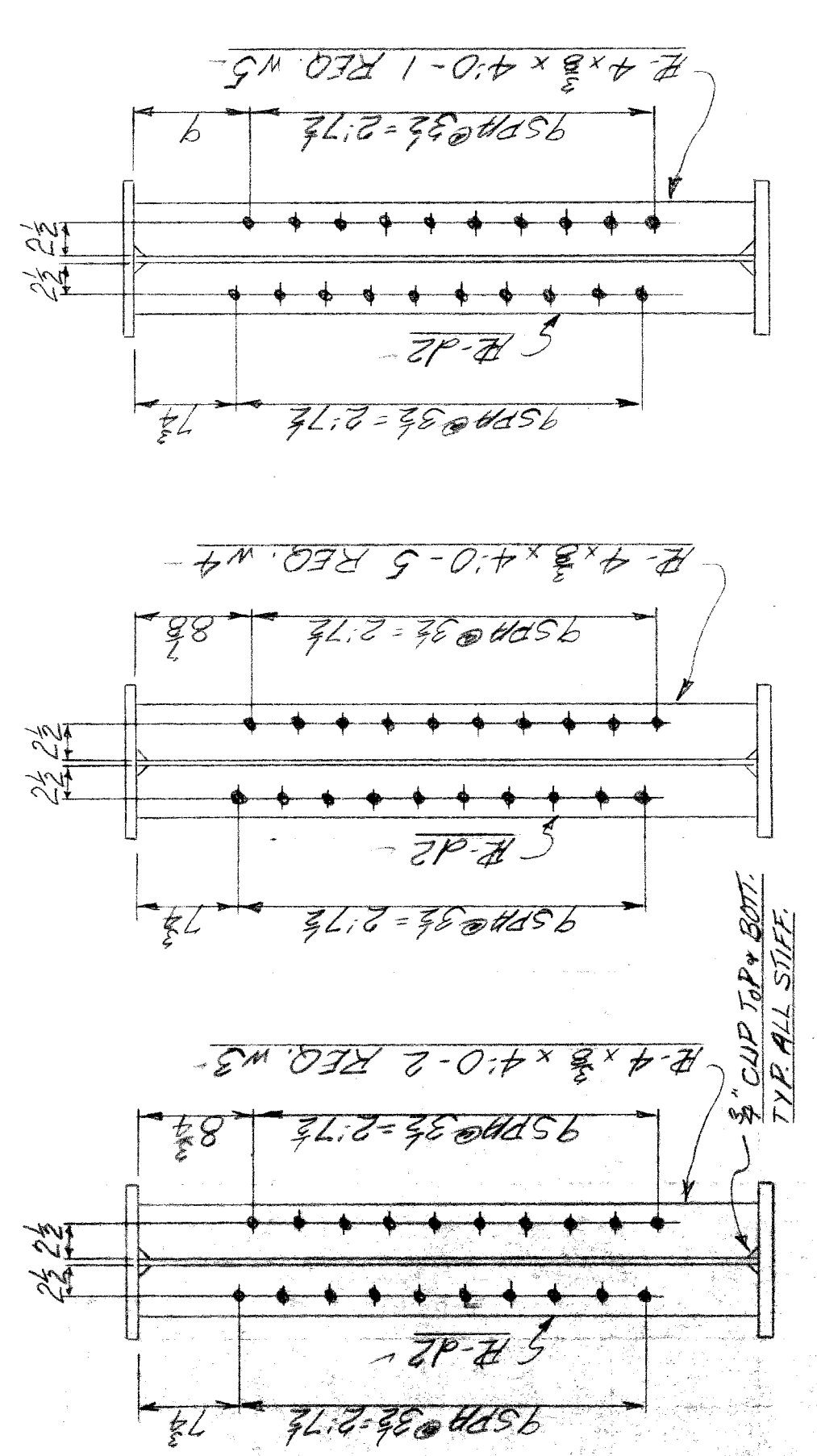
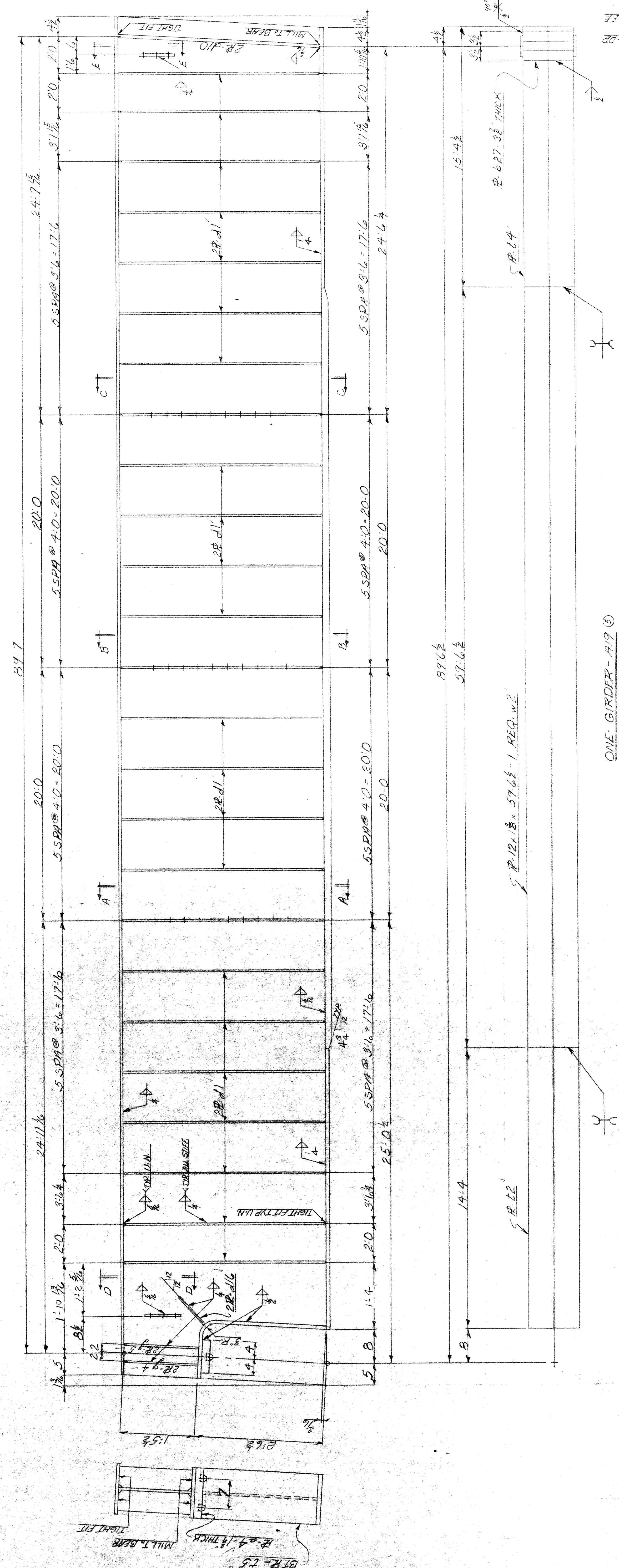
1-69
 1-69

Contr. No. 467 Sh. 18

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

90.4 1/2

5 R-12 x 8 x 90.4 1/2 - 1 REQ. W/1



VINCENNES STEEL
Div. of NOVO Industrial Corp.
Vincennes, Ind.

WAYNE COUNTY ROAD COMMISSION
DEPT. OF HIGHWAYS
917 - MOUND ROAD
LAKE SEPARATION
JOB NO. 246

Edge Distance - 1 1/2" UN
Contact Surface
Paint
Name -
Holder -
Rivets - Bolts

Shop -
Field -
UN
UN

Checked -
Approved -
Revised -

1-27-68

Contr. No. 467 5 19

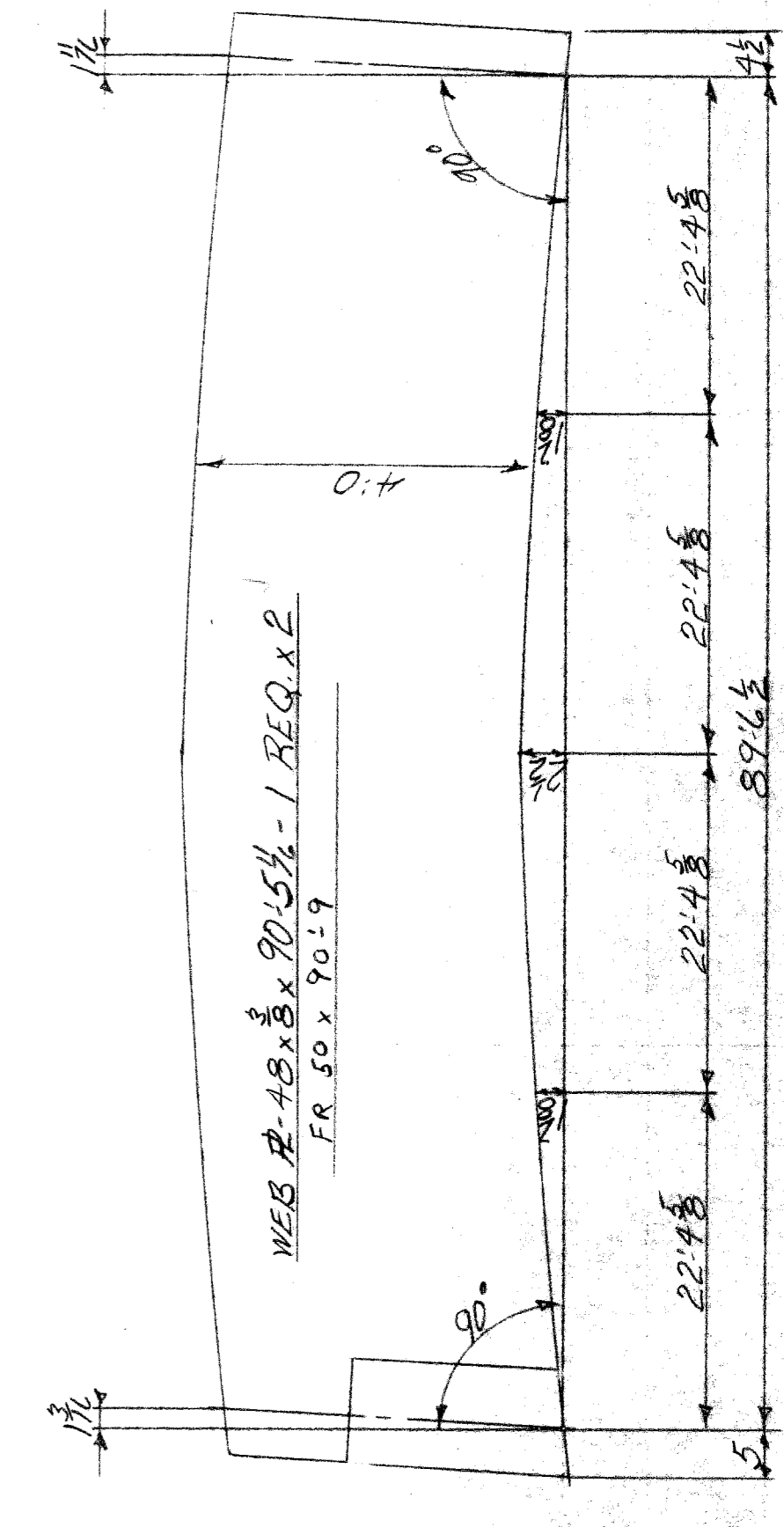
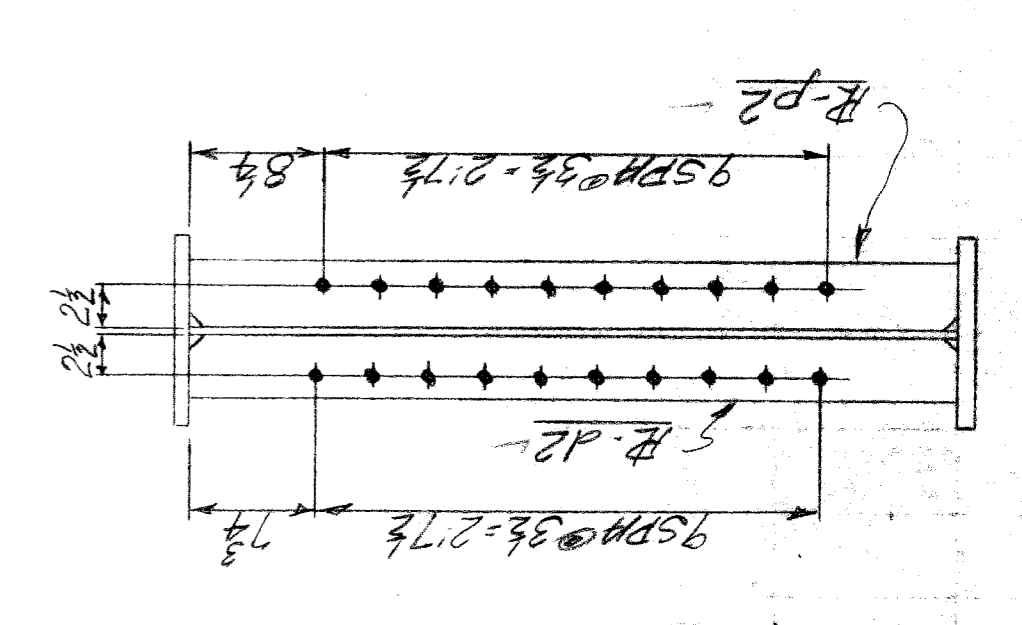
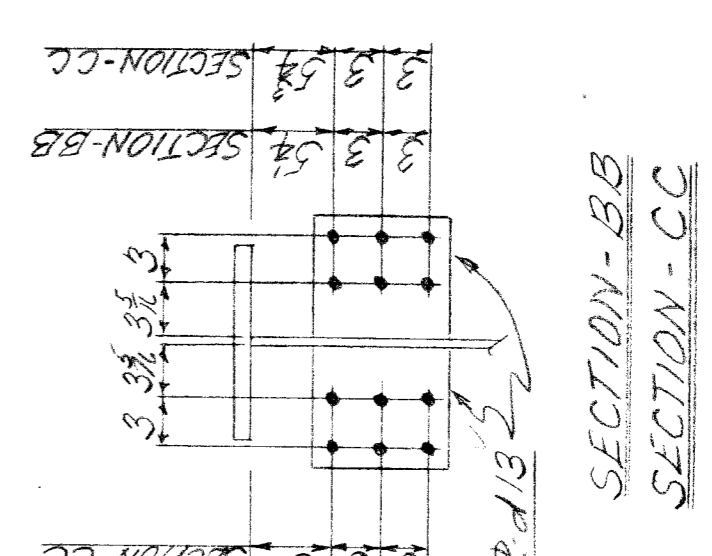
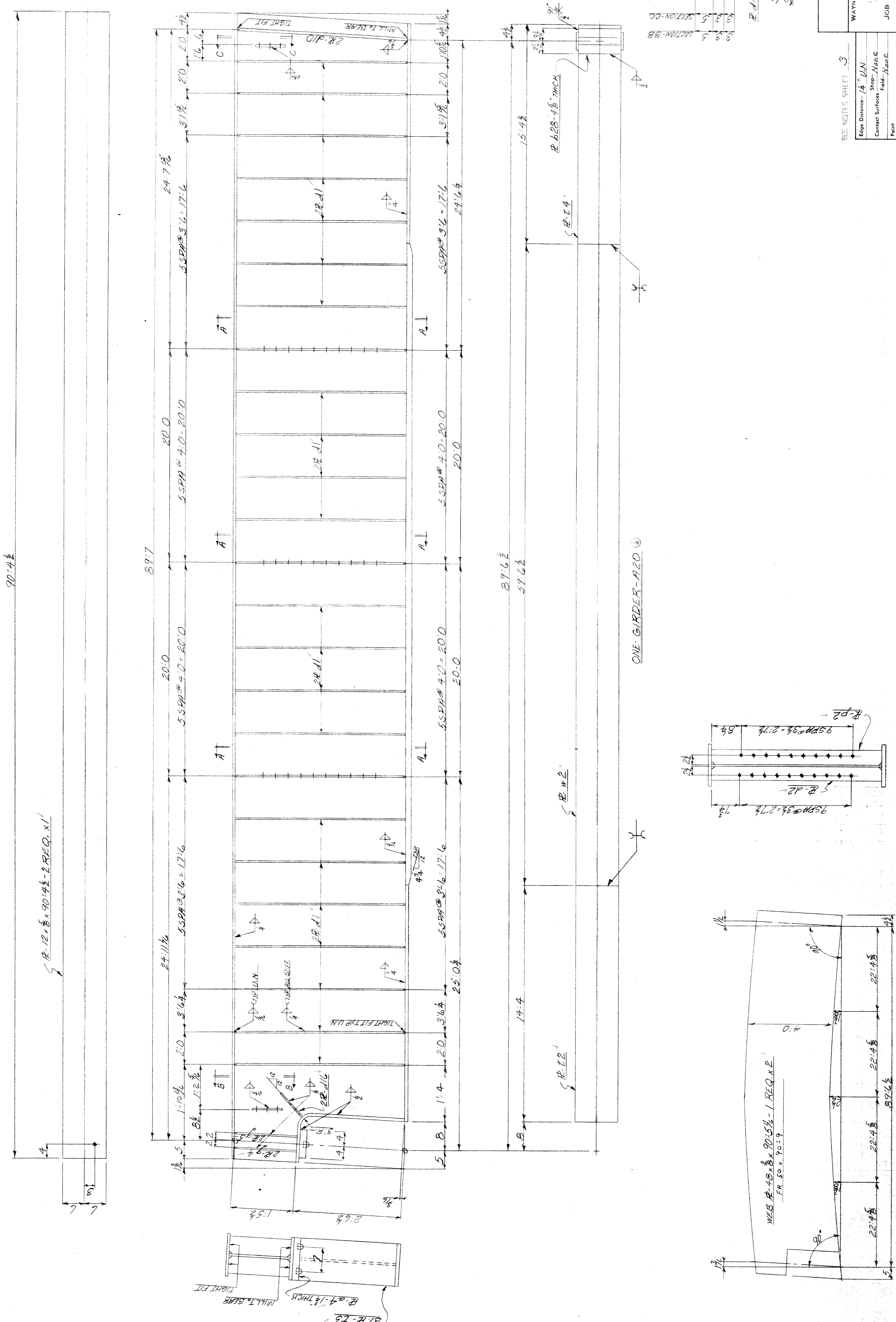
SECTION-CC

SECTION-BB

SECTION-RA

CAMBER DIAGRAM

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



SEE NOTES SHEET 3

VINCENNES STEEL
 Div. of NOVO Industrial Corp.
 Vincennes, Ind.

WAYNE COUNTY ROAD COMMISSION
 DETROIT, MICHIGAN
 171 E. 101T - MOUND ROAD
 GRADE SEPARATION
 JOB NO. 246

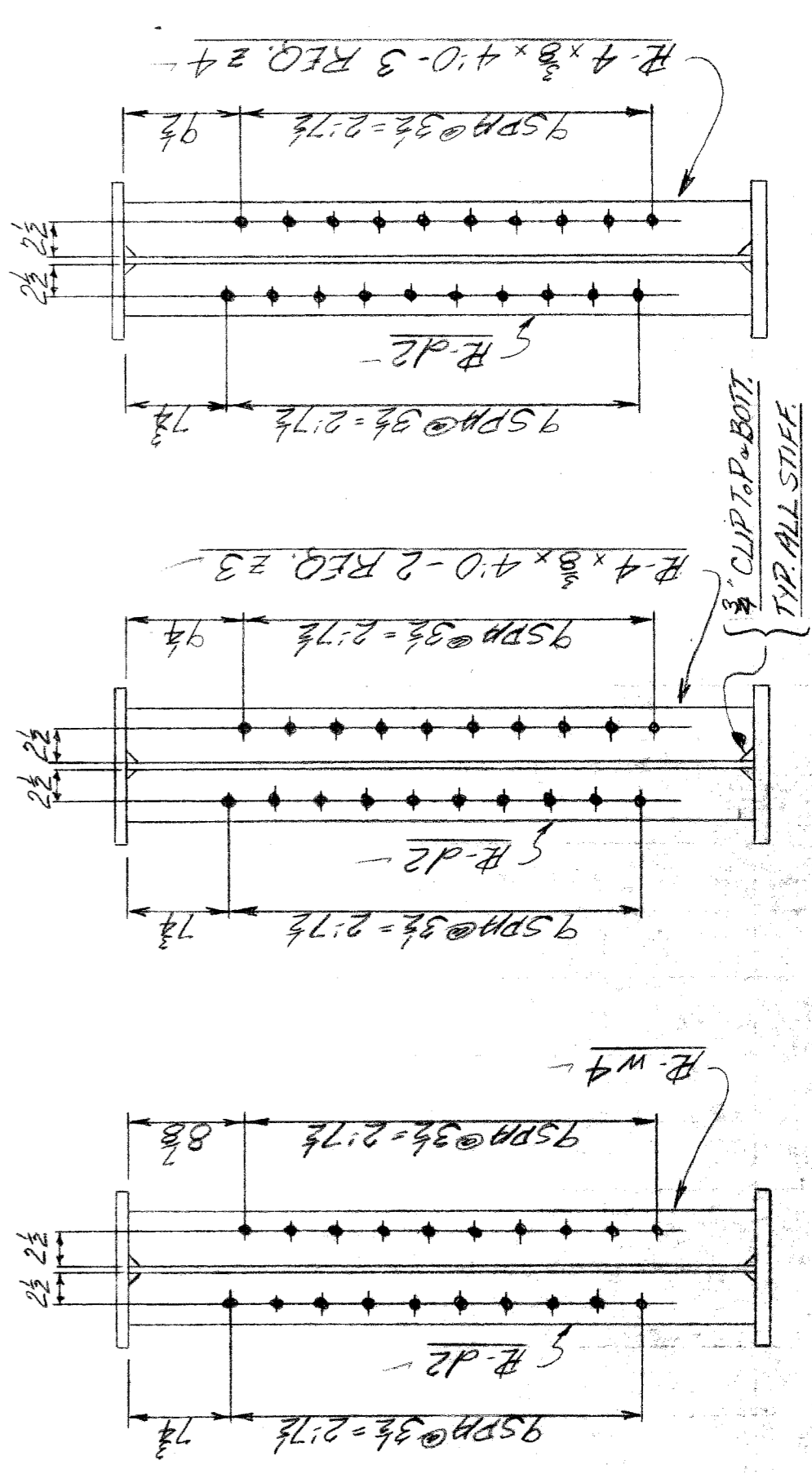
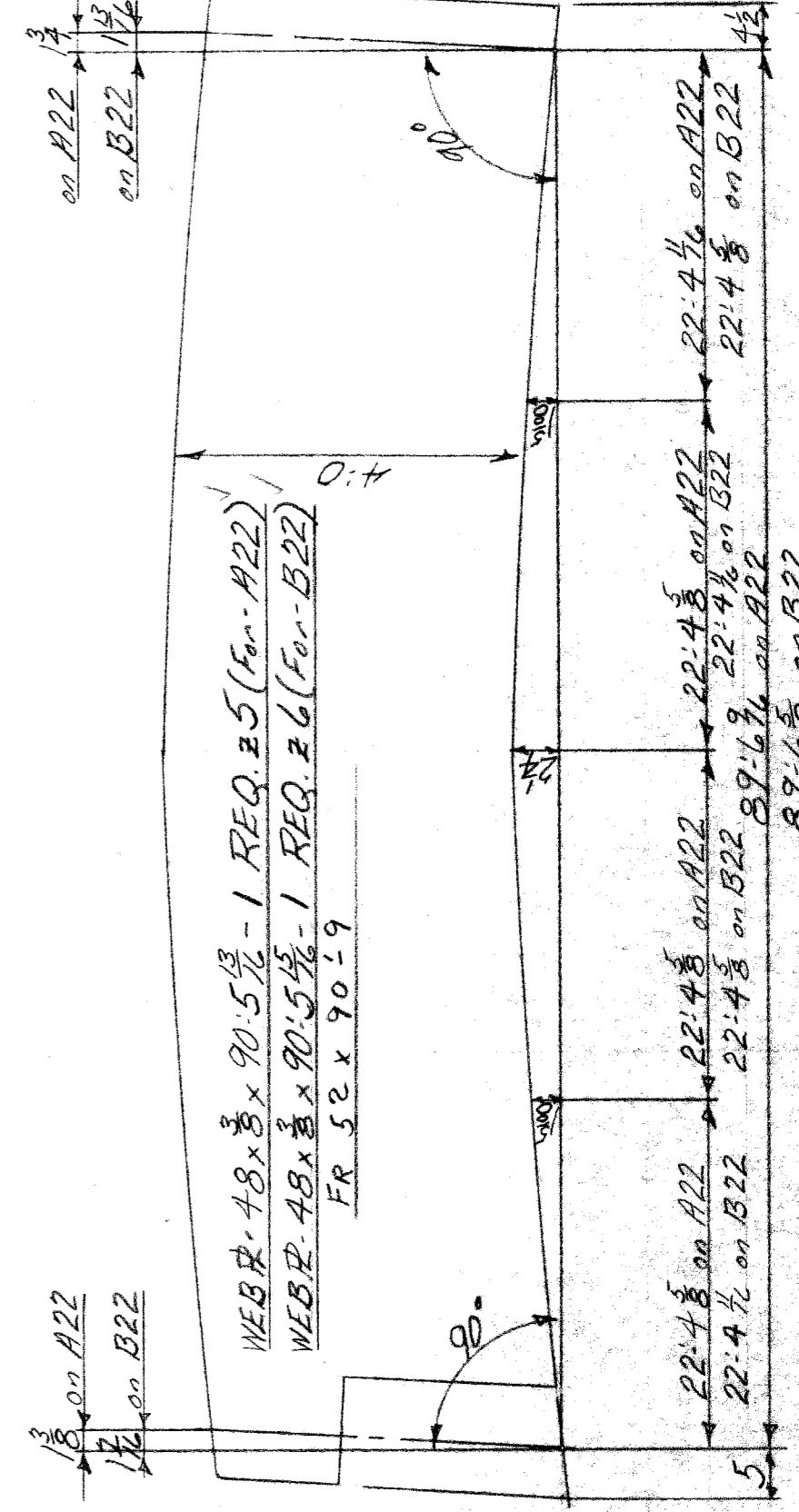
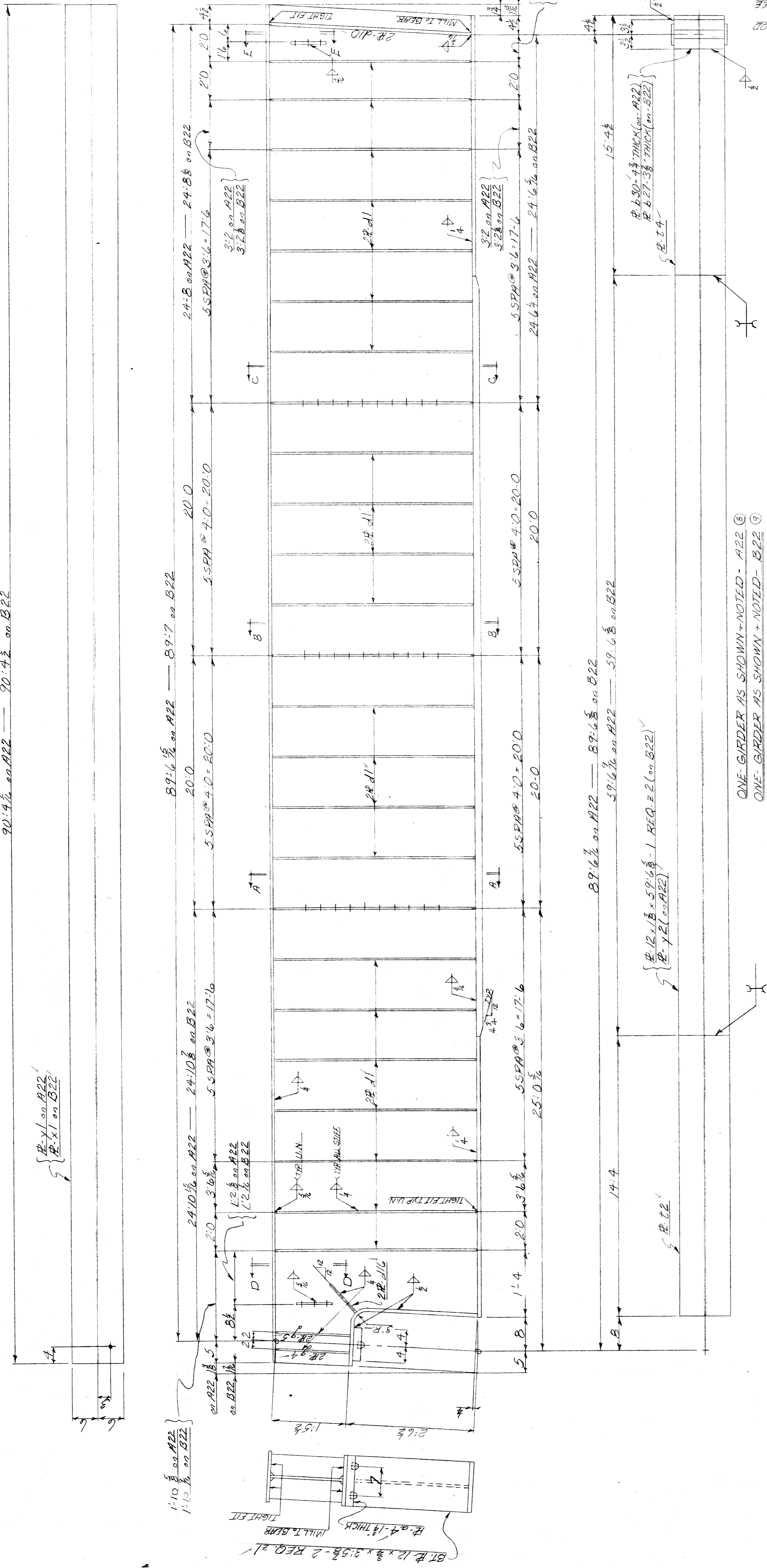
Drawn: MCO
 Checked: MCO
 Approved: MCO
 Revised: MCO

Edge Distance: 1/4" MIN
 Shop: Max. 6
 Contact Surfaces: Field: Max. 2
 Paint: Max. 1/8" MIN

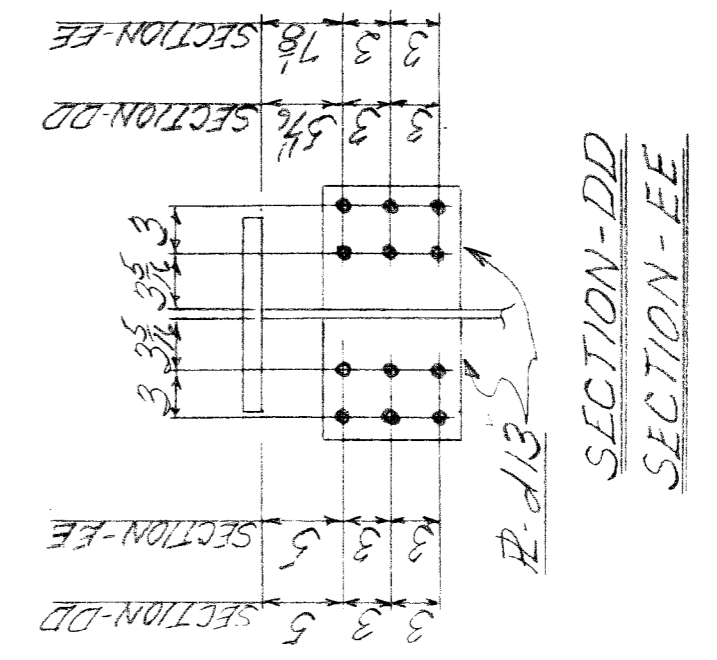
SECTION-BB
 SECTION-AA
 SECTION-CC

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

90'-4 1/2" on A22 — 90'-4 1/2" on B22



ONE GIRDER AS SHOWN + NOTED - A22 @
ONE GIRDER AS SHOWN + NOTED - B22 @



VINCENNES STEEL
Div. of NOVO Industrial Corp.
Wayne County Road Commission
Detroit, Michigan
187 E. LOIT - MOUND ROAD
GRADE SEPARATION
JOB NO. 246

SEE NOTES SHEET 3

Edge Distance - 1 1/4" MIN
Contact Surfaces
Point
Paint
Name -
Holes - 3/8" MIN
Rivets - Bolts -

Checked -
Approved -
Revised -

Drawn -
1-69

Contr. No. 467 Sh. 22 of

CAMBER DIAGRAM

SECTION-AA

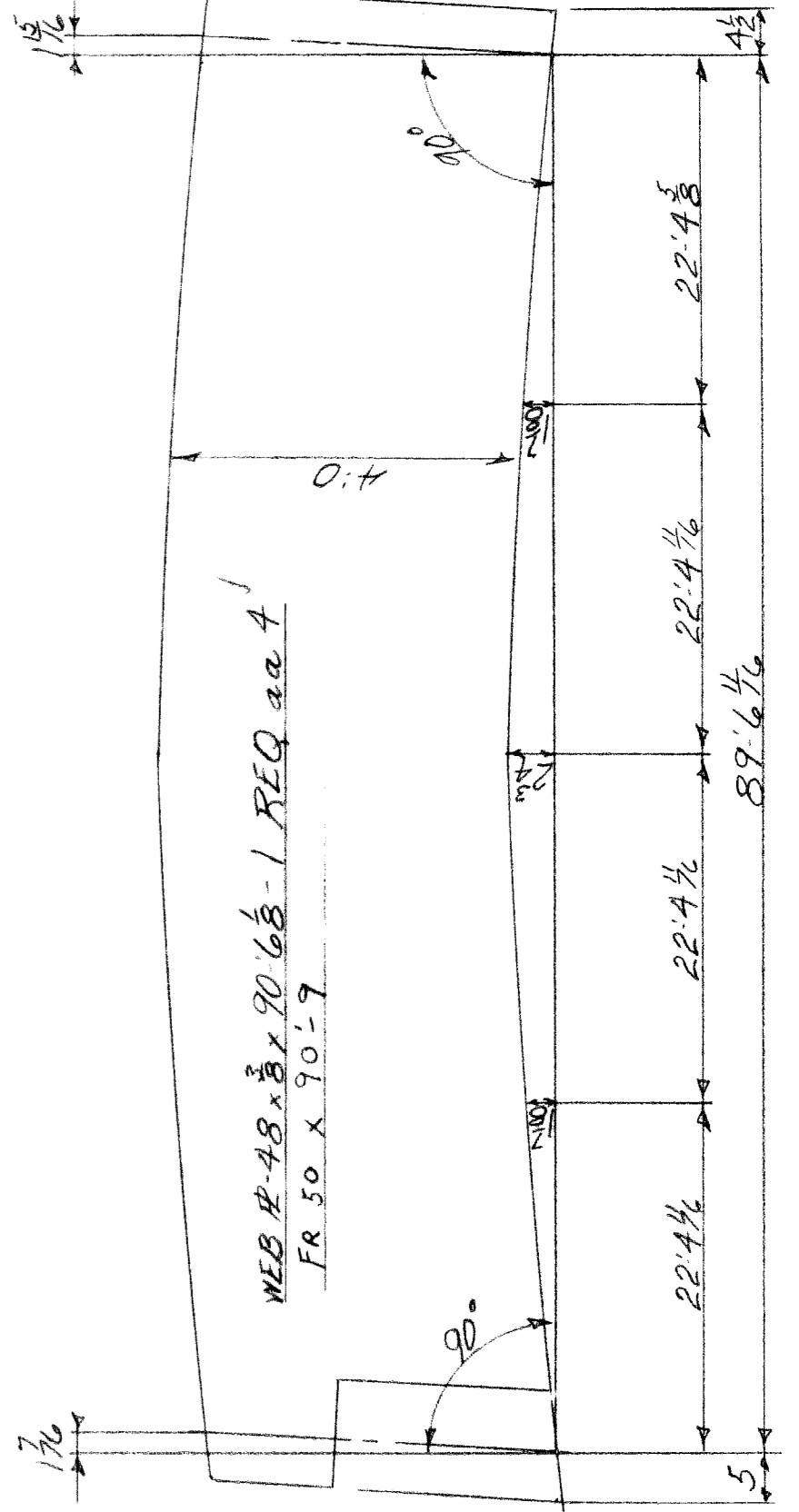
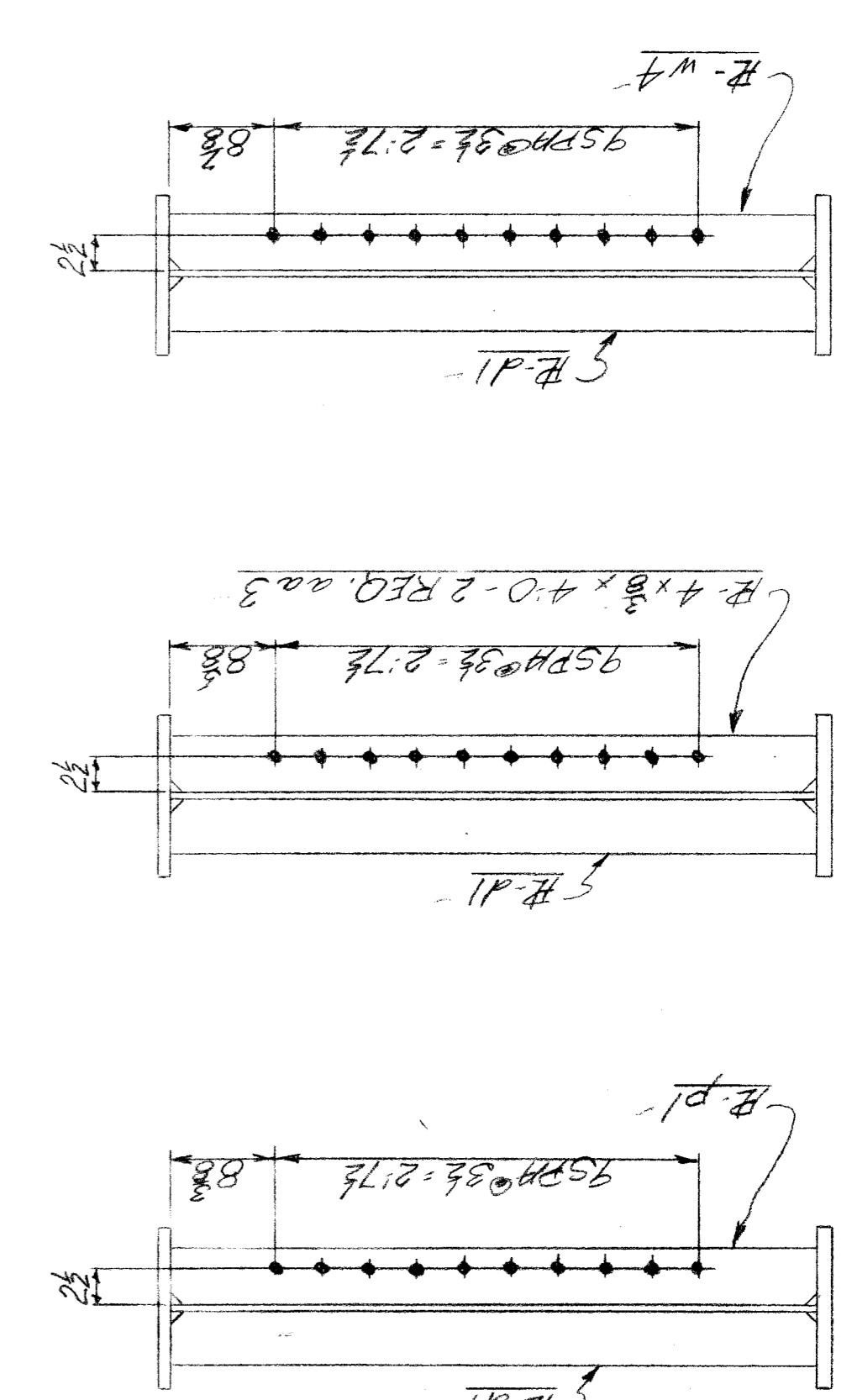
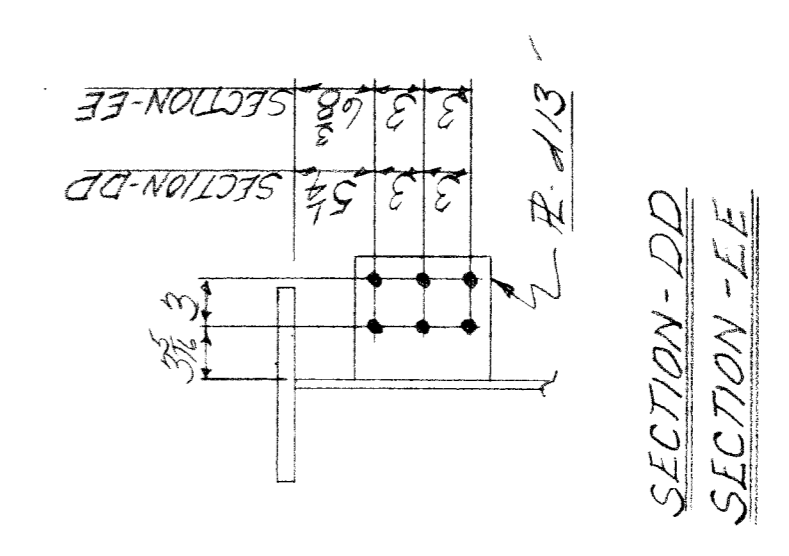
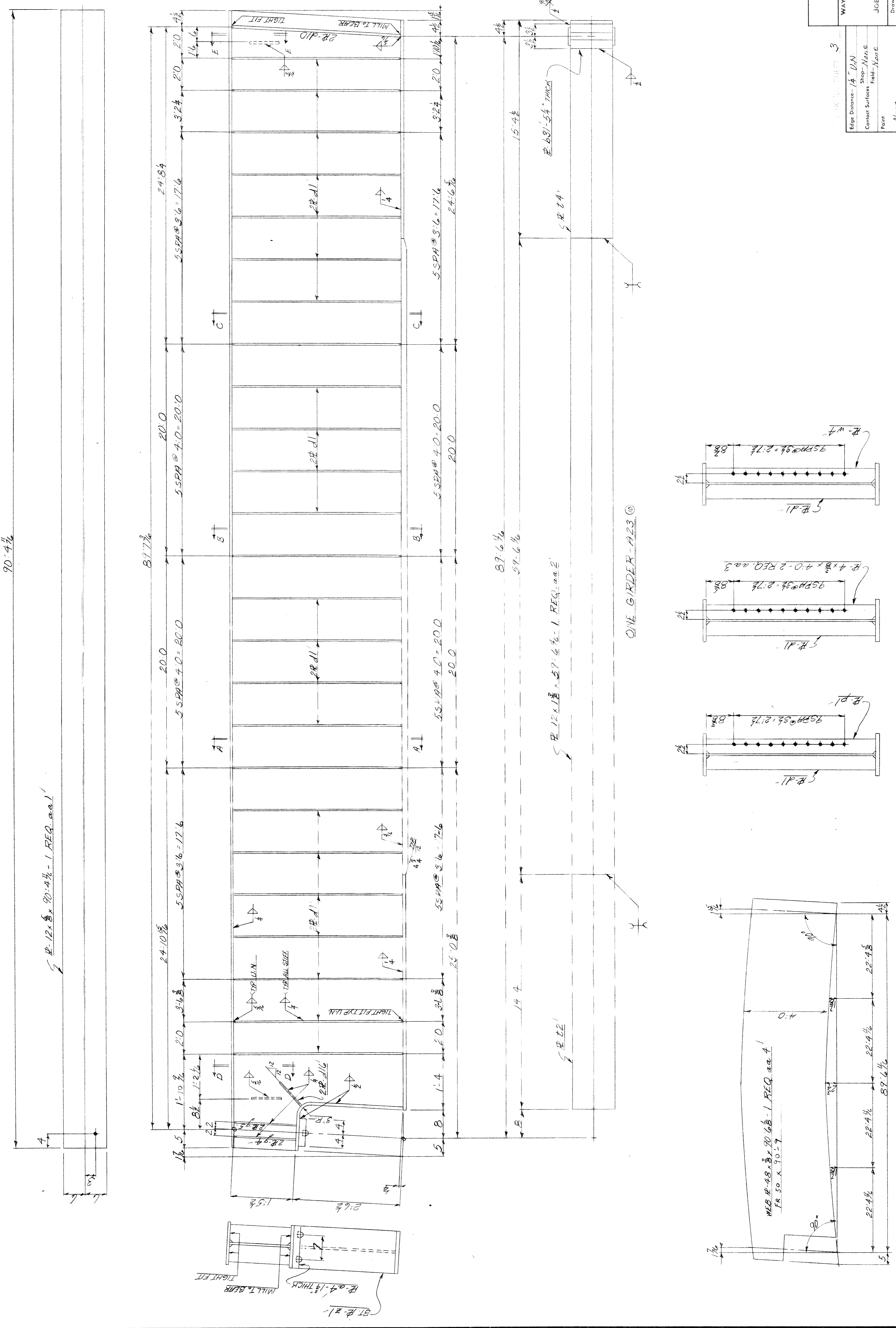
SECTION-BB

SECTION-CC

SECTION-DD

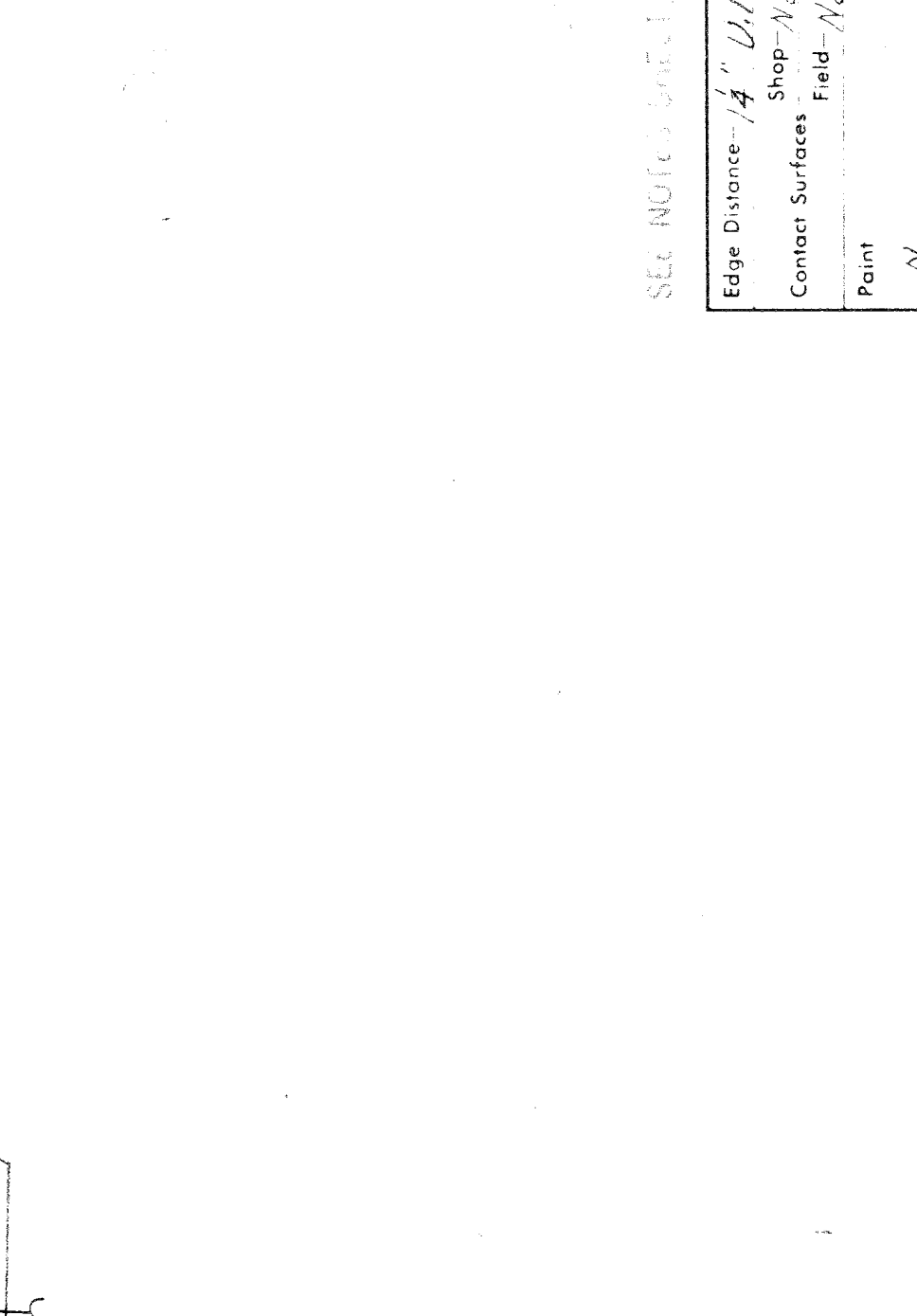
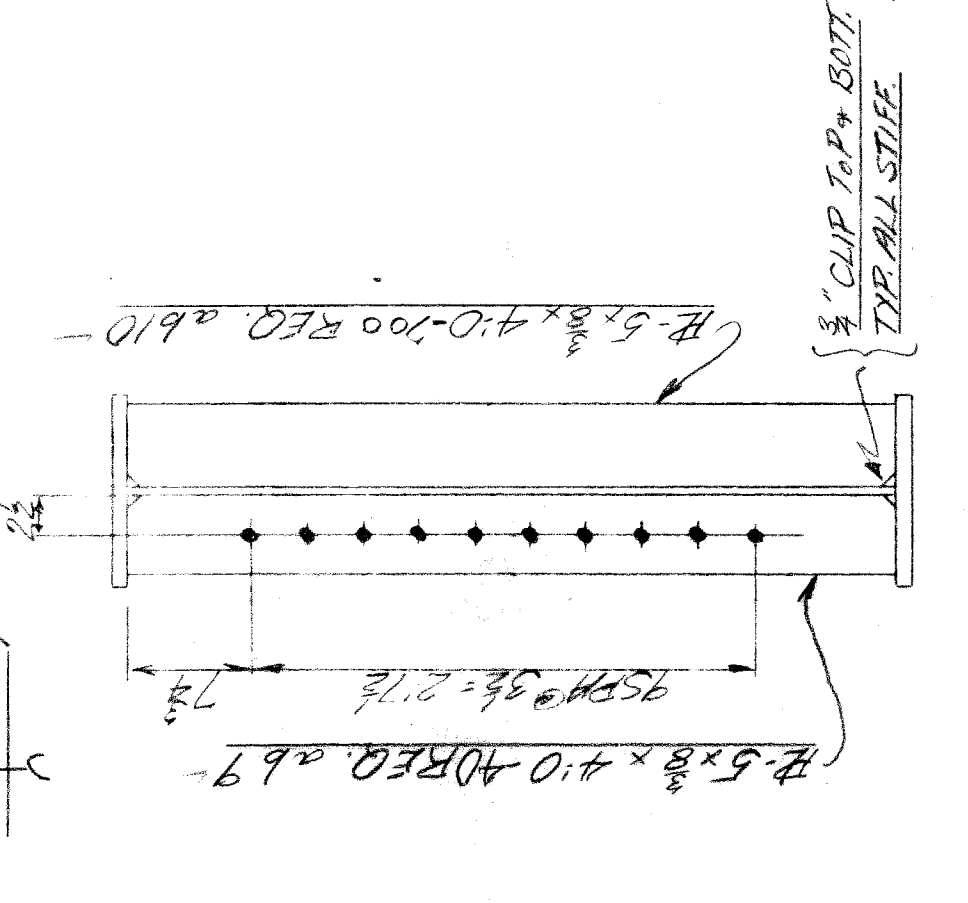
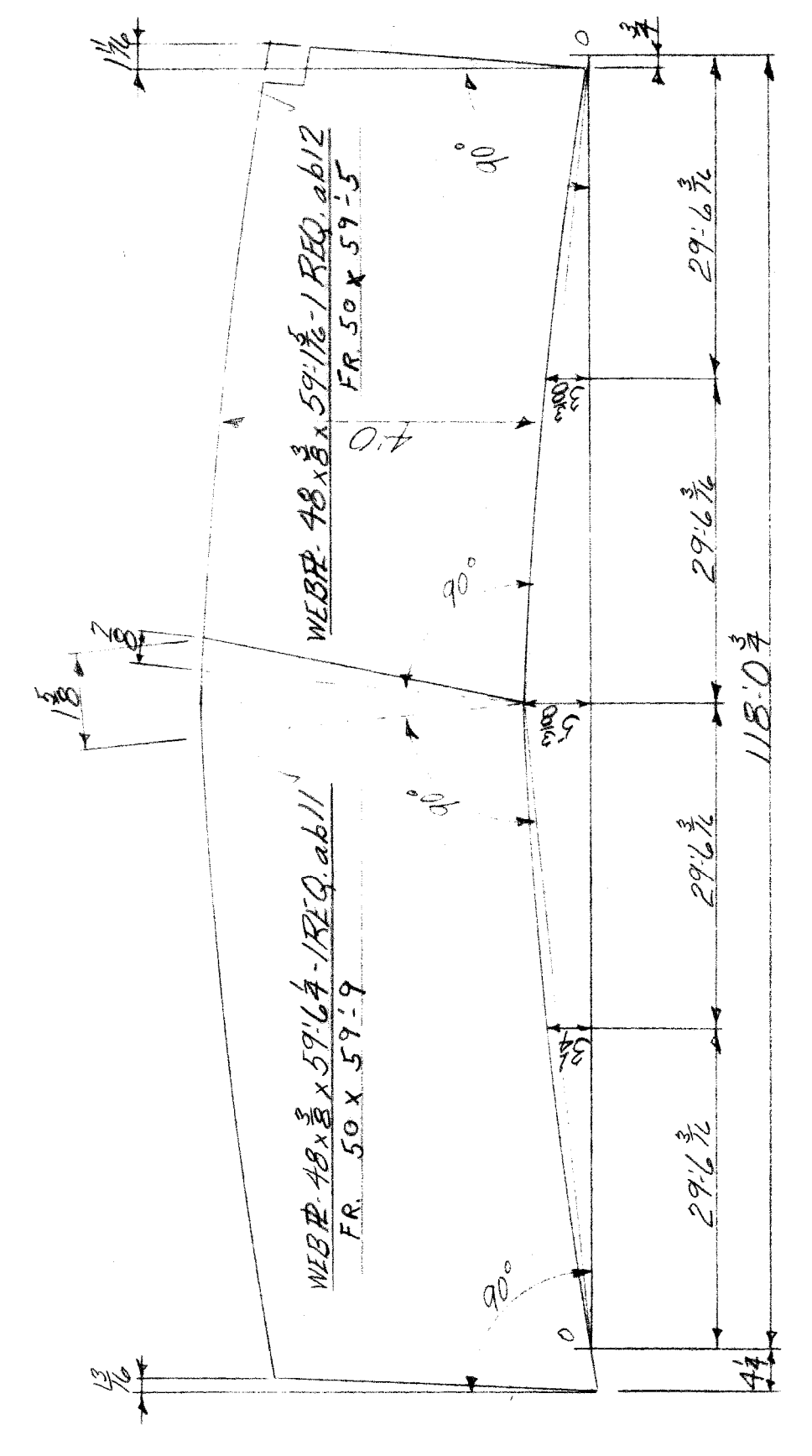
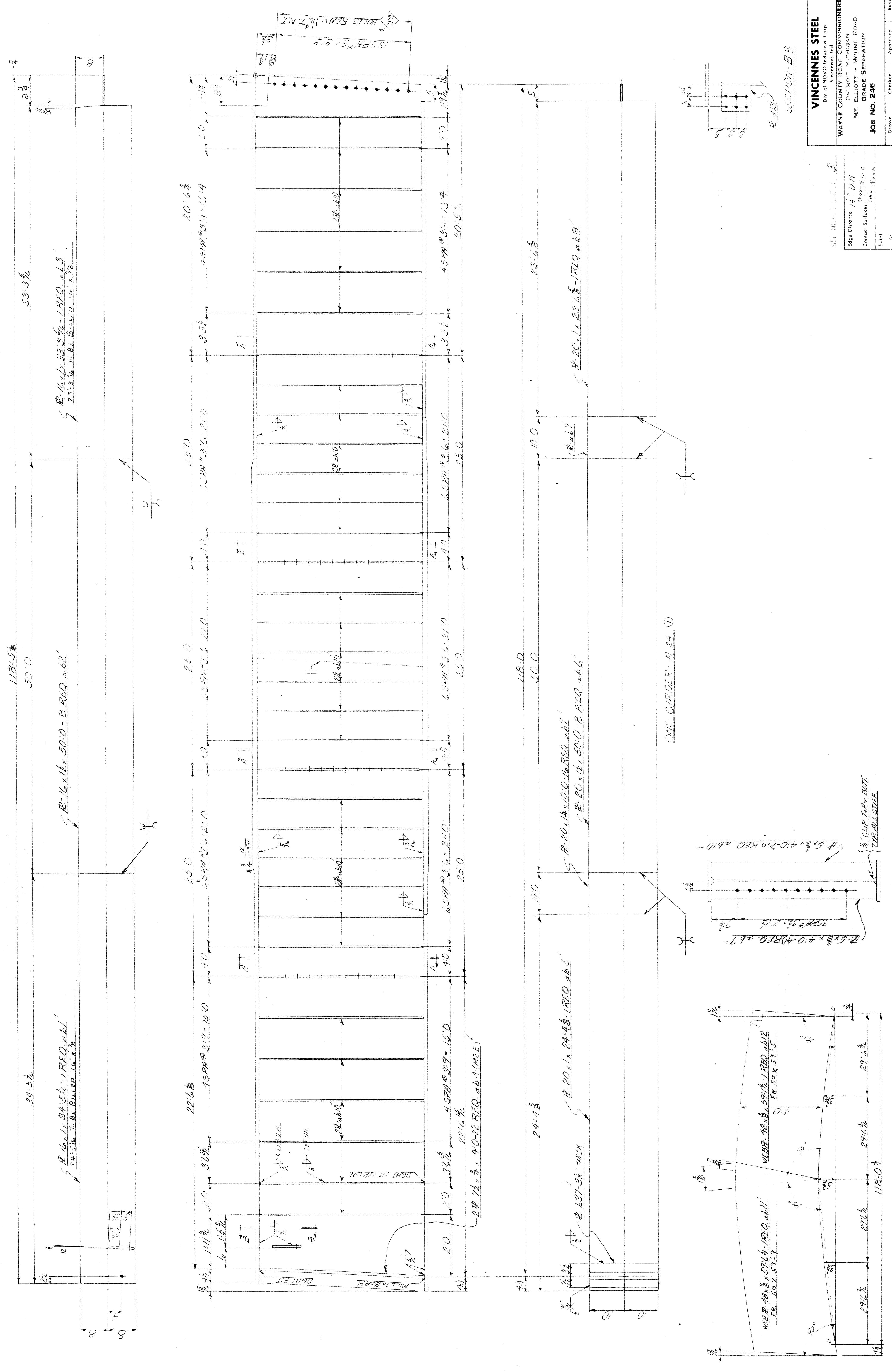
SECTION-EE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



VINCENNES STEEL Div. of NOVO Industrial Corp. Vincennes, Ind.	
WAYNE COUNTY ROAD COMMISSION DETROIT, MICHIGAN 117 E. JEFFERSON - MOUND ROAD CASSIDE SEPARATION JOB NO. 246	
Drawn	Approved
Checked	Revised
Point	Field
Name	Name
Holes	Holes
Rivets-Bolts	Rivets-Bolts
1-69	1-69
467	23
467	23

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



VINCENNES STEEL
 Div. of NOVO Industrial Corp.
 Vincennes, Ind.

WAYNE COUNTY ROAD COMMISSIONERS
 DETROIT, MICHIGAN
 MT. ELLIOTT - MOUND ROAD
 GRADE SEPARATION
 JOB NO. 246

Drawn: *MCG*
 Checked: *CMK*
 Approved: *1-69*
 Revised: *1-69*

SEC. NOTES SHEET 3

Edge Distance - 1" MIN
 Contact Surfaces - Shop - 1/16" e
 Field - 1/32" e

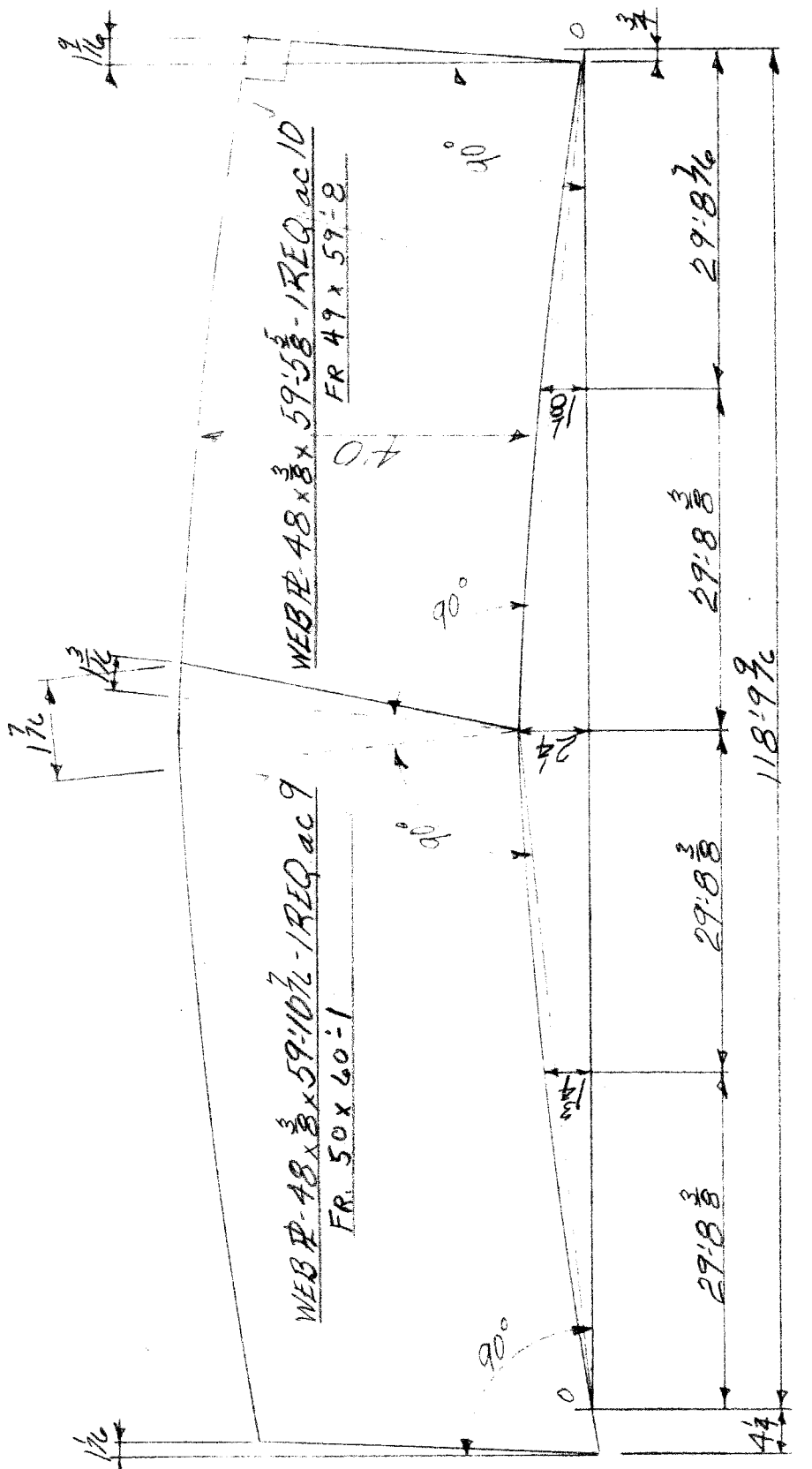
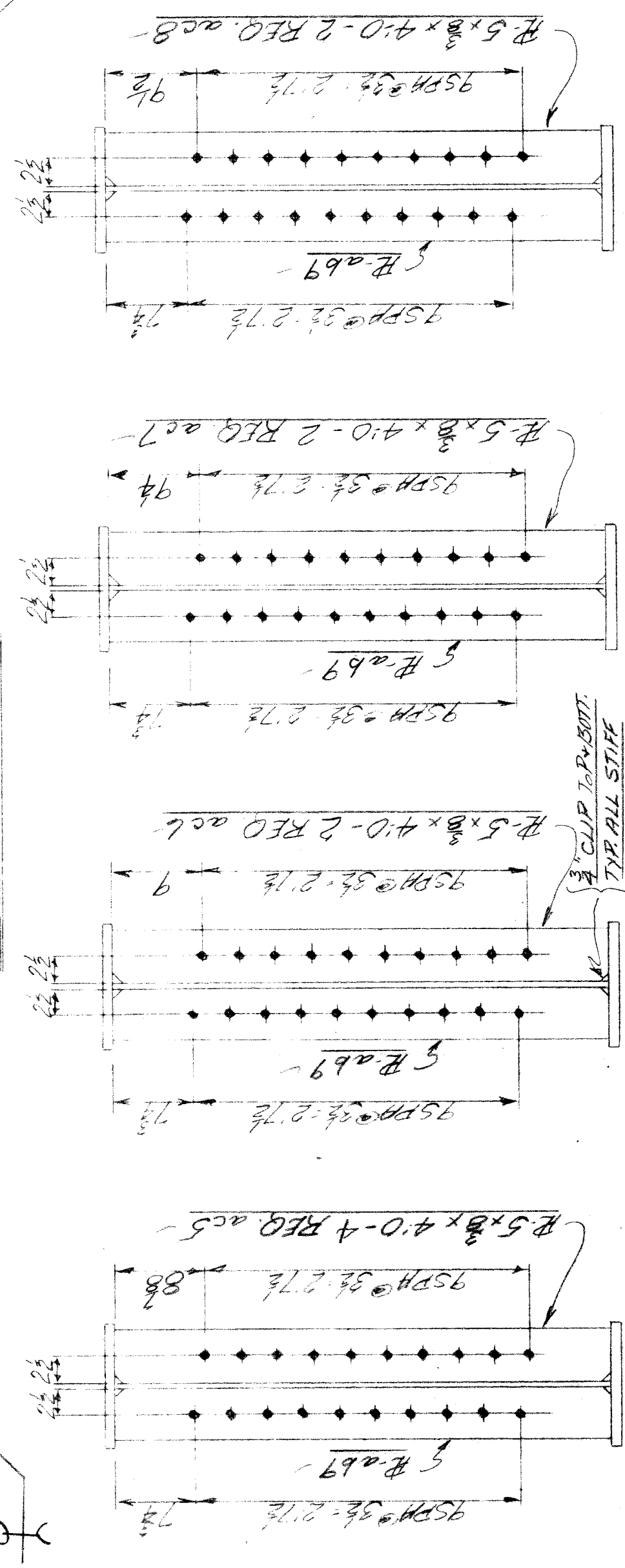
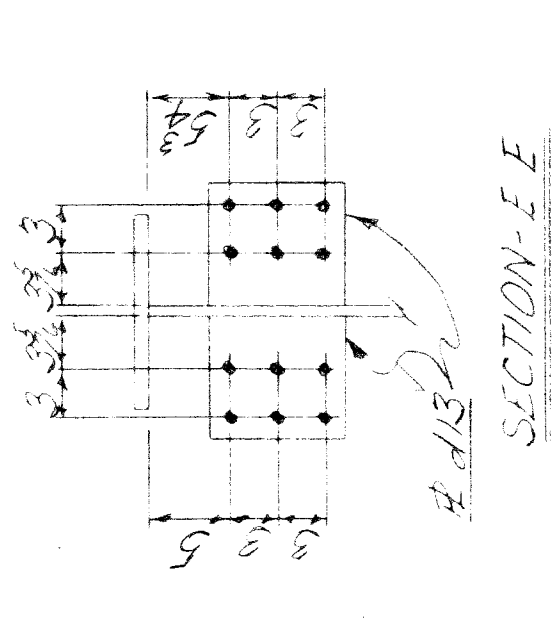
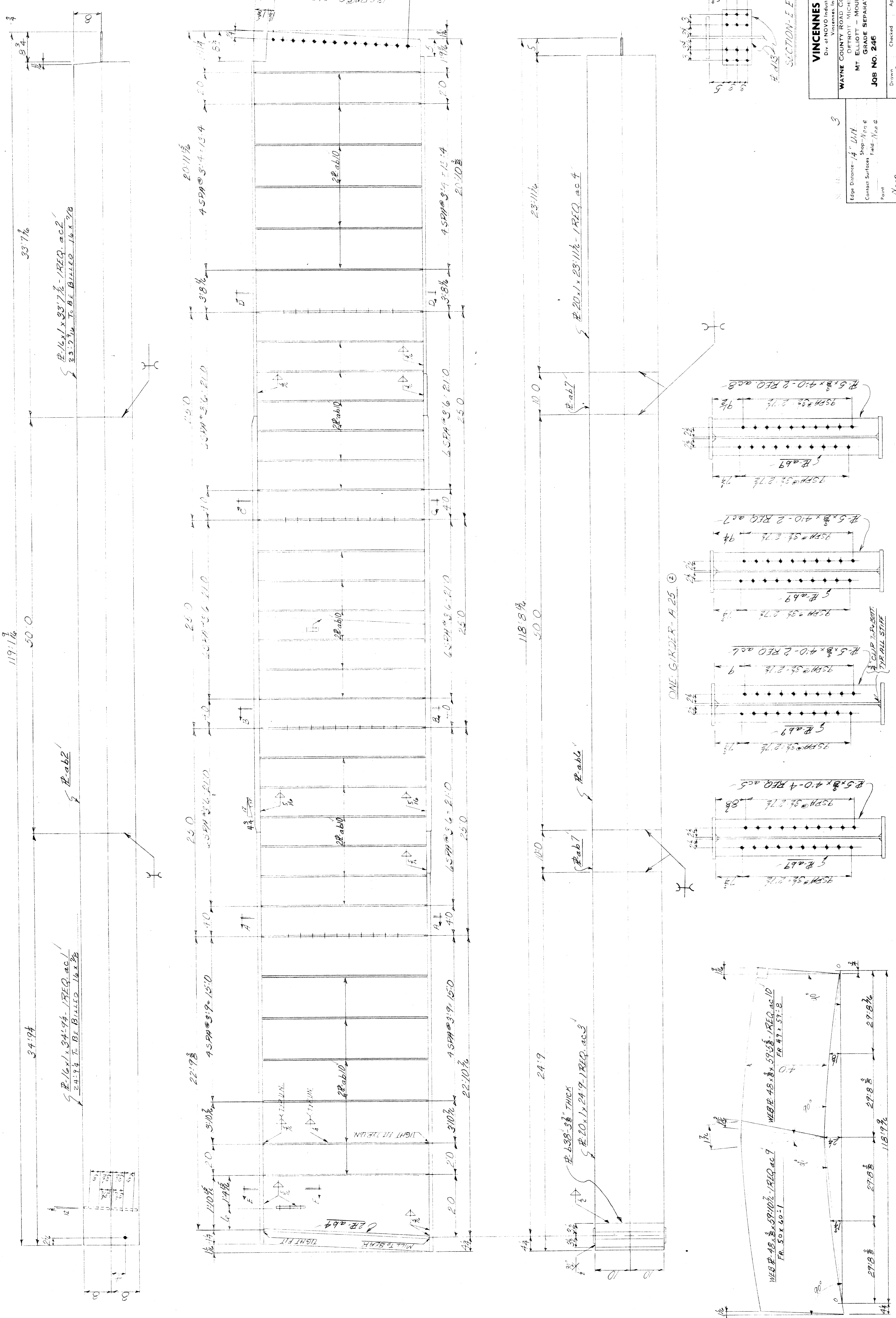
Paint - None
 Holes - 1/8" MIN
 Rivets - Bolts

CAMBER DIAGRAM

SECTION-AA

ONE GIRDER - A 24.0

SECTION-BB

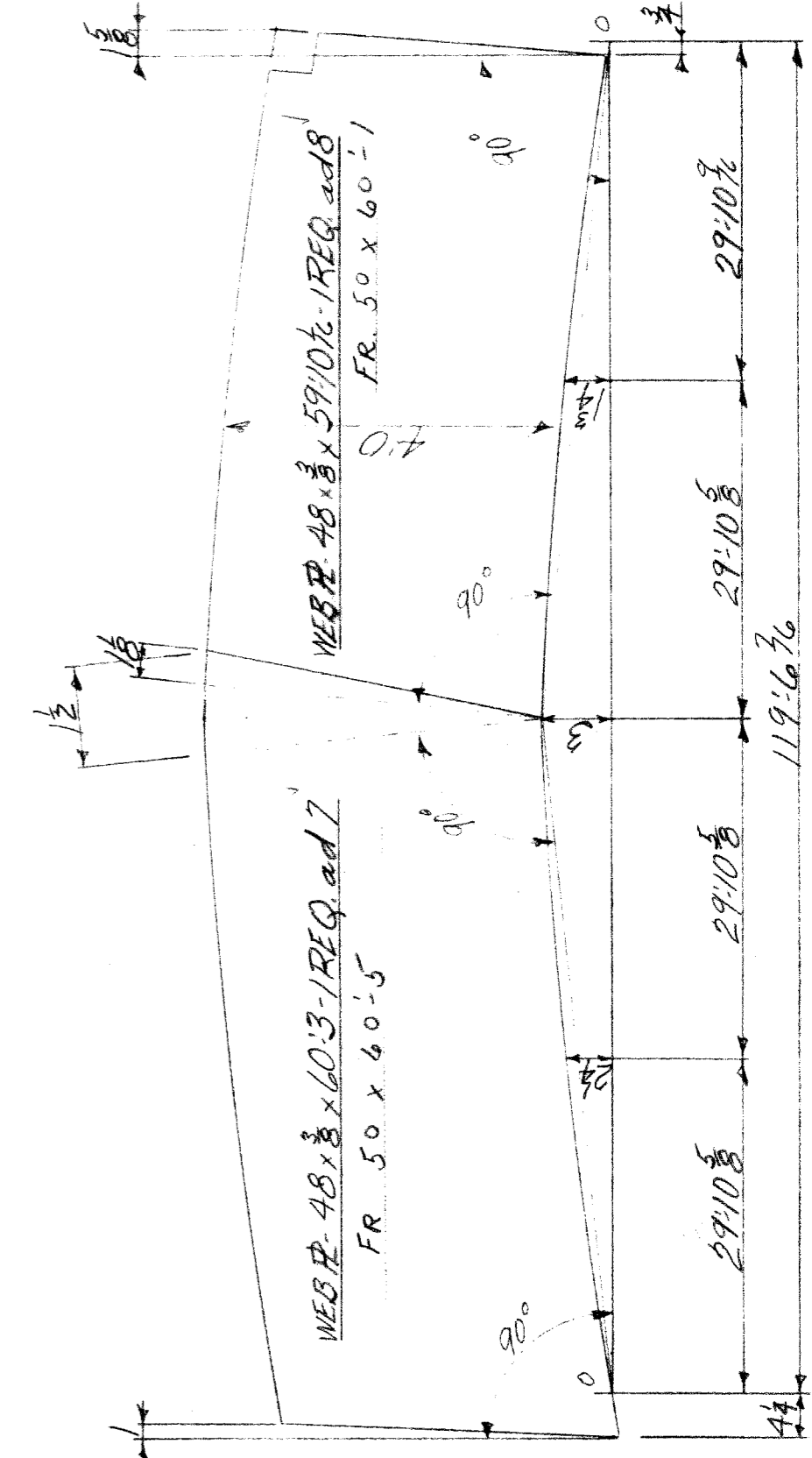
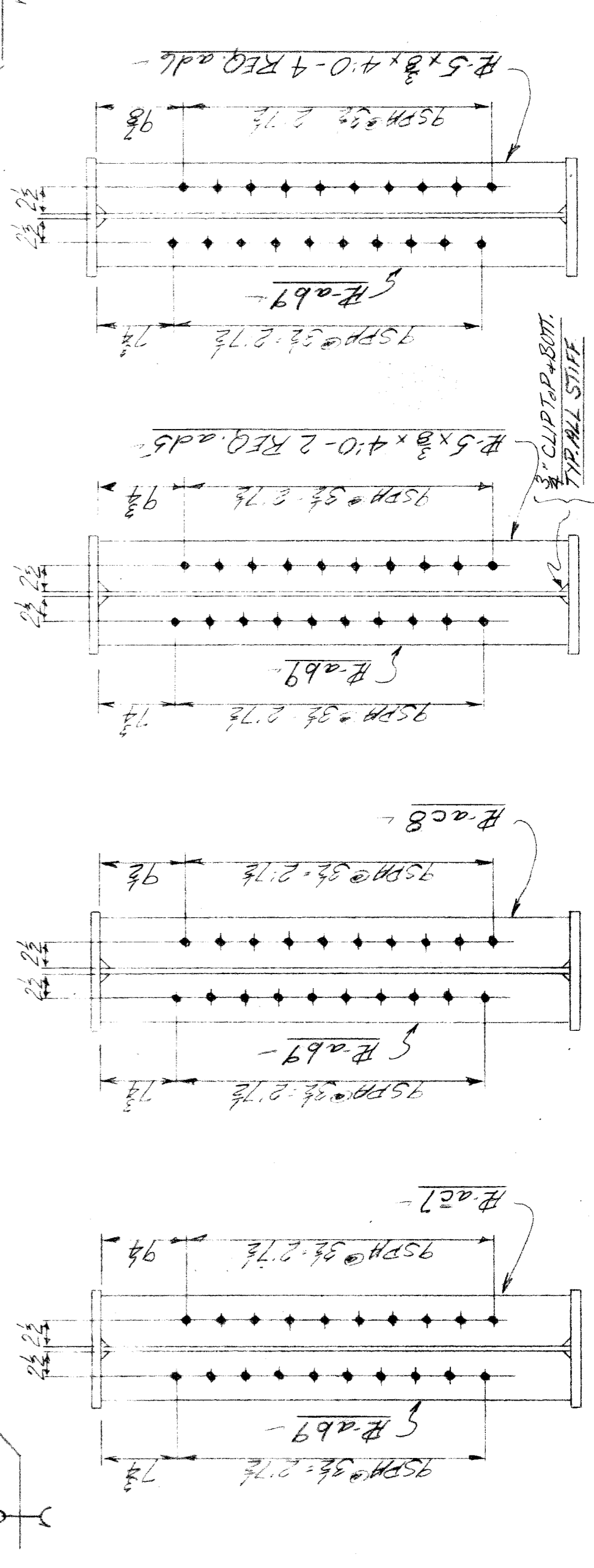
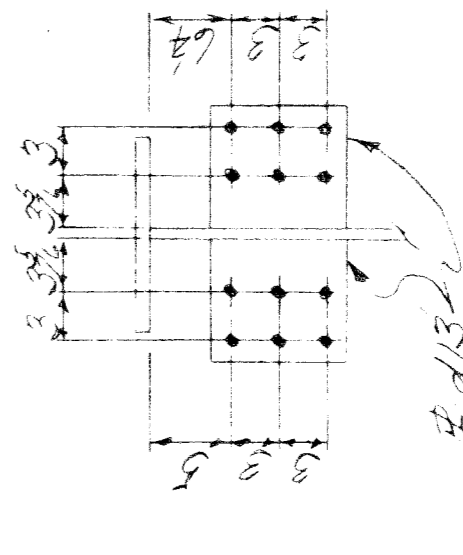
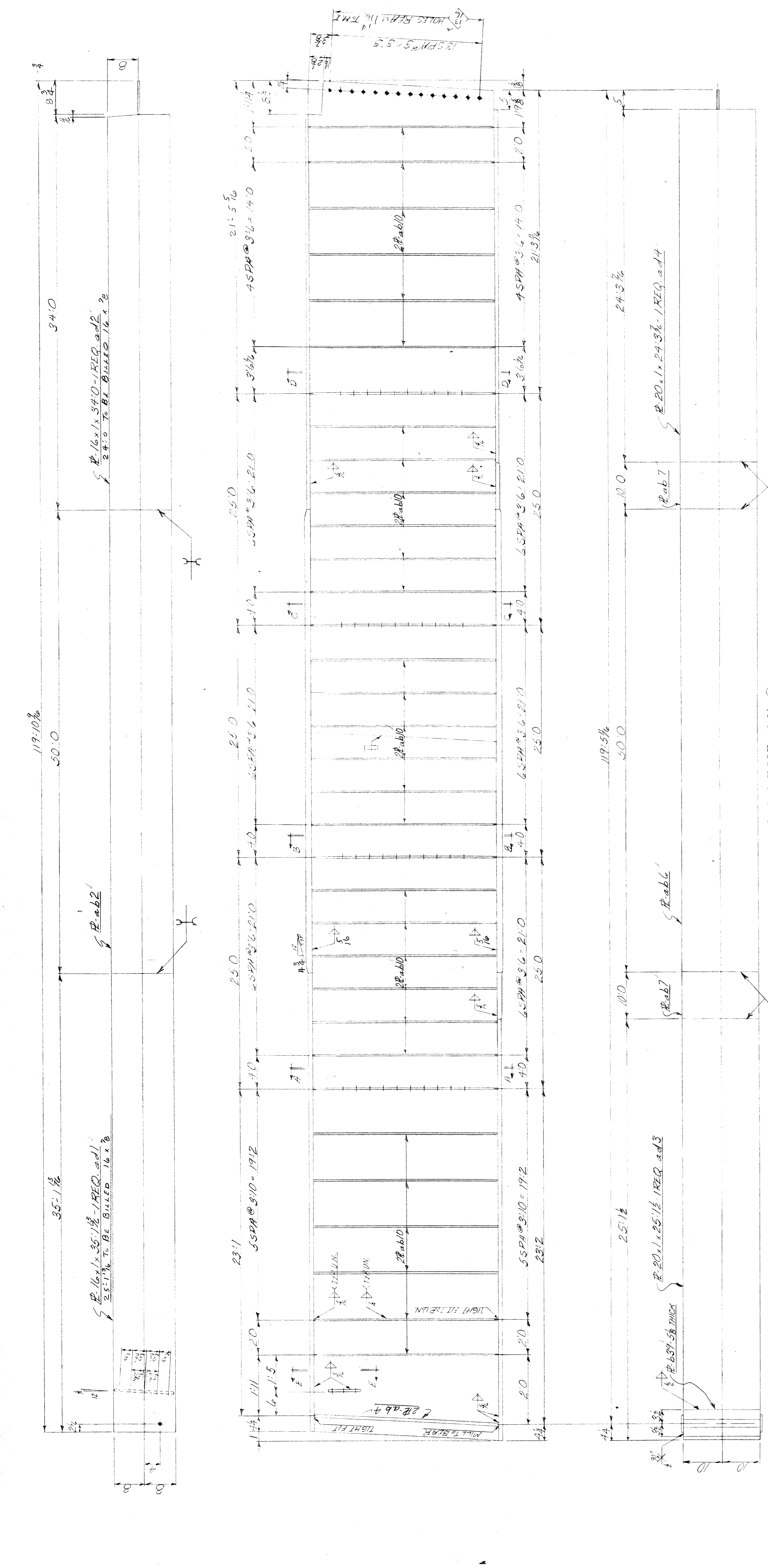


VINCENNES STEEL
 Div of NOVO Industrial Corp
 Vincennes, Ind.

WAYNE COUNTY ROAD COMMISSIONERS
 DETROIT MICHIGAN
 MT ELLIOTT - MOUND ROAD
 GRADE SEPARATION
 JOB NO. 246

No. 14-3-1-3
 Edge Distance: 1 1/2" MIN
 Center Surfaces: Shop-Acc. 6
 Field - Acc. 8
 Point: None
 Holes: 3/8" MIN
 Spacing: 8" MIN

Divided: *MEG*
 Checked: *MEG*
 Approved: *MEG*
 Revised: *MEG*
 Date: 1-69
 Sheet: 25 of



VINCENNES STEEL
Div. of NOVO Industrial Corp.
Vincennes, Ind.

WAYNE COUNTY ROAD COMMISSIONERS
DEFINITE - MICHIGAN
MT. ELLIOTT - MOUND ROAD
GRADE SEPARATION

JOB NO. 246

Sheet No. 1-67 of 26

Scale: 1/4" = 1'-0"

Job No. 246

Drawn by: CRW

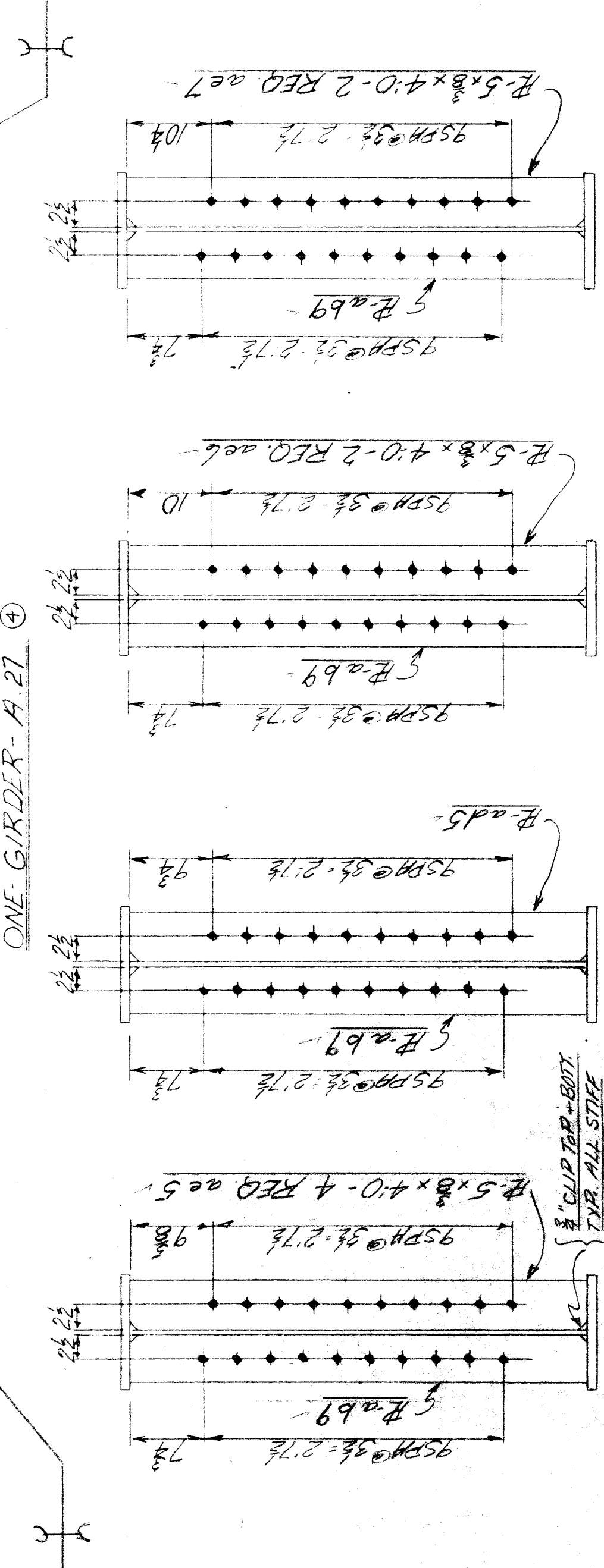
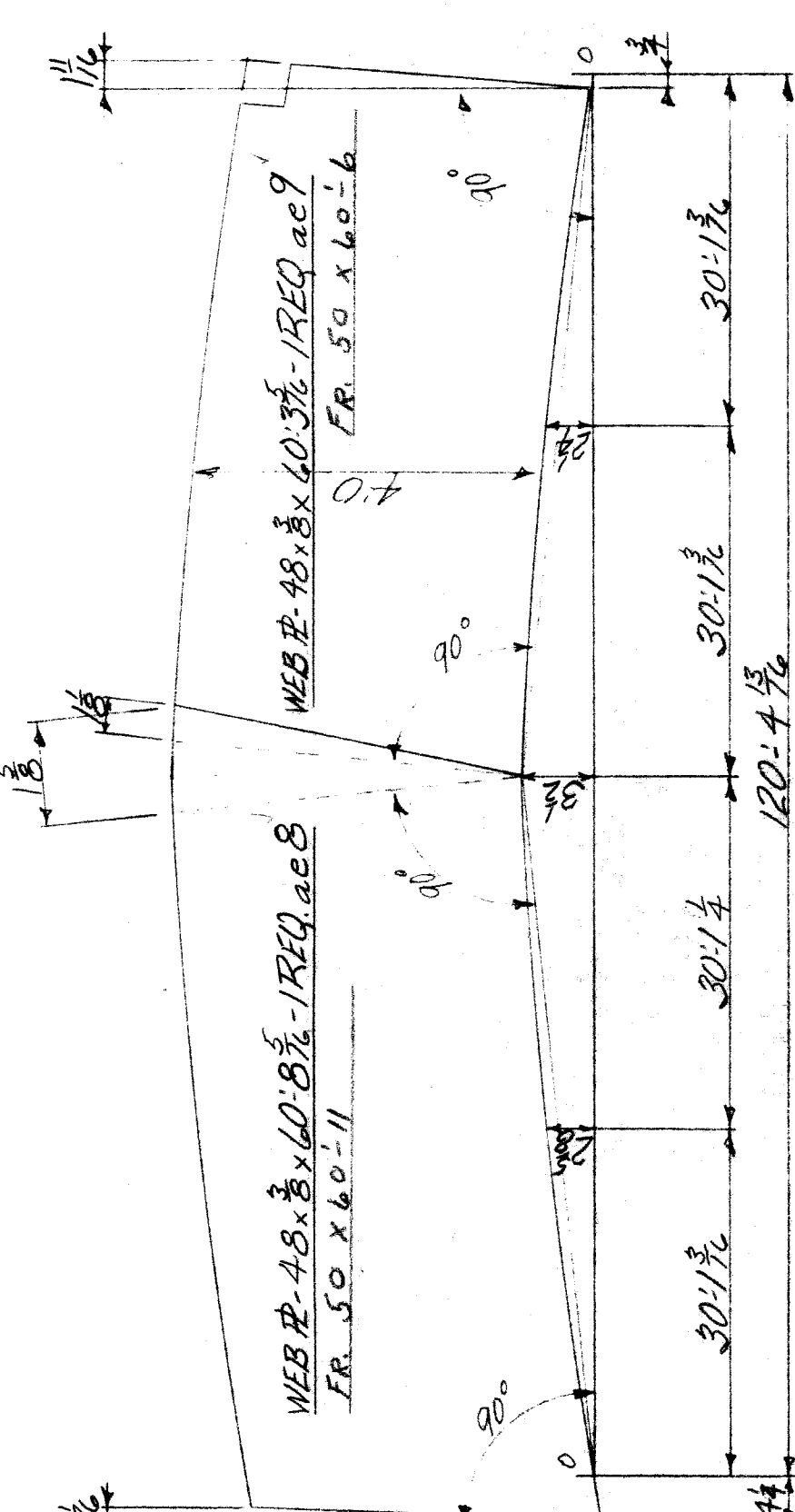
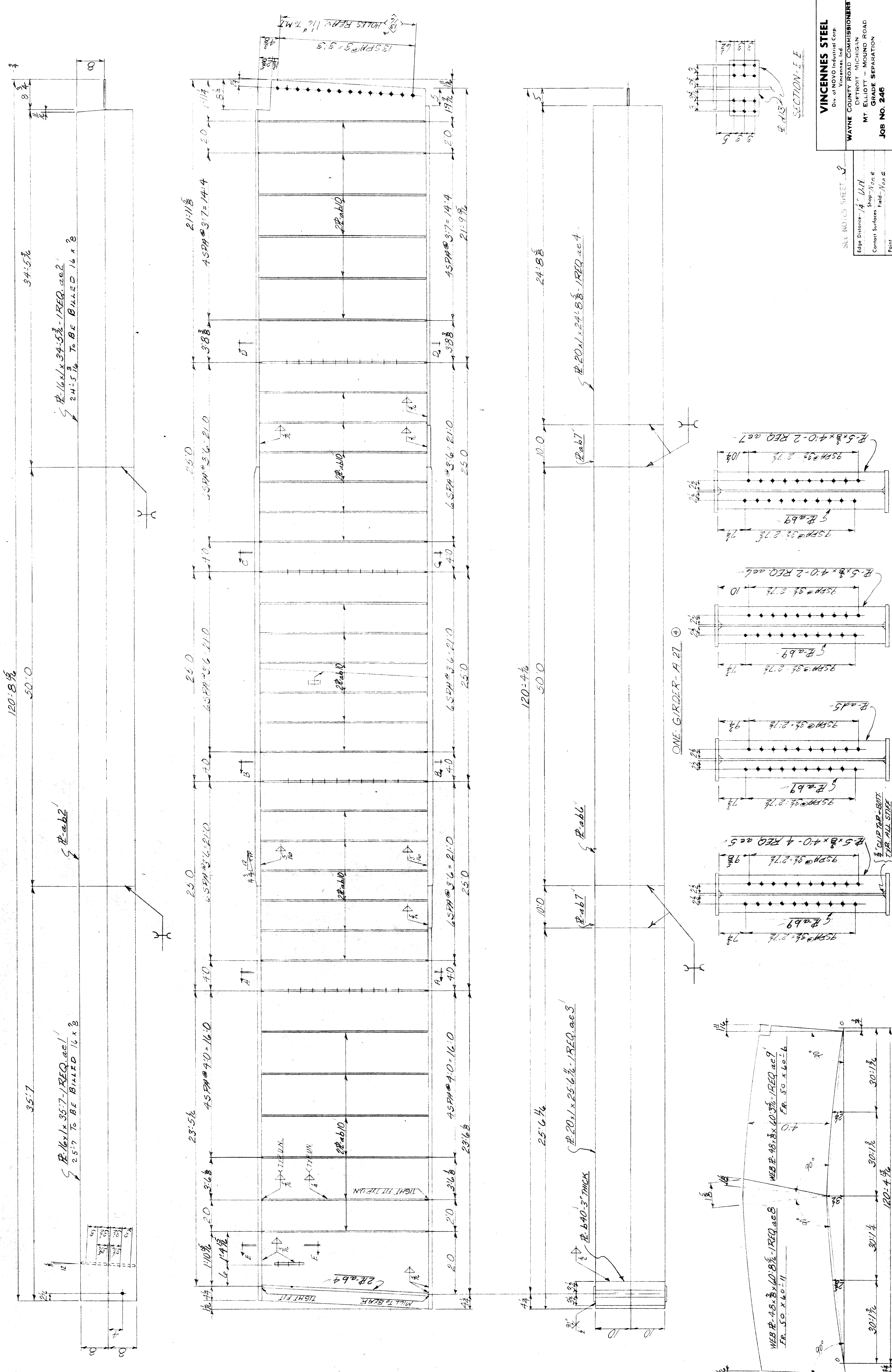
Checked: CRW

Approved: [Signature]

Revised: _____

✓ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

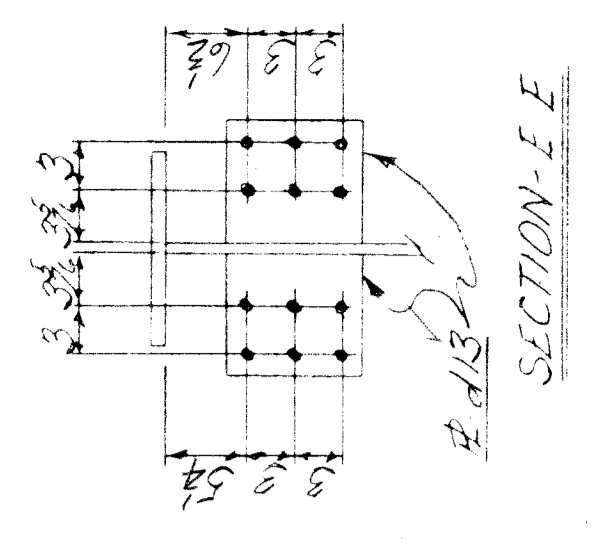
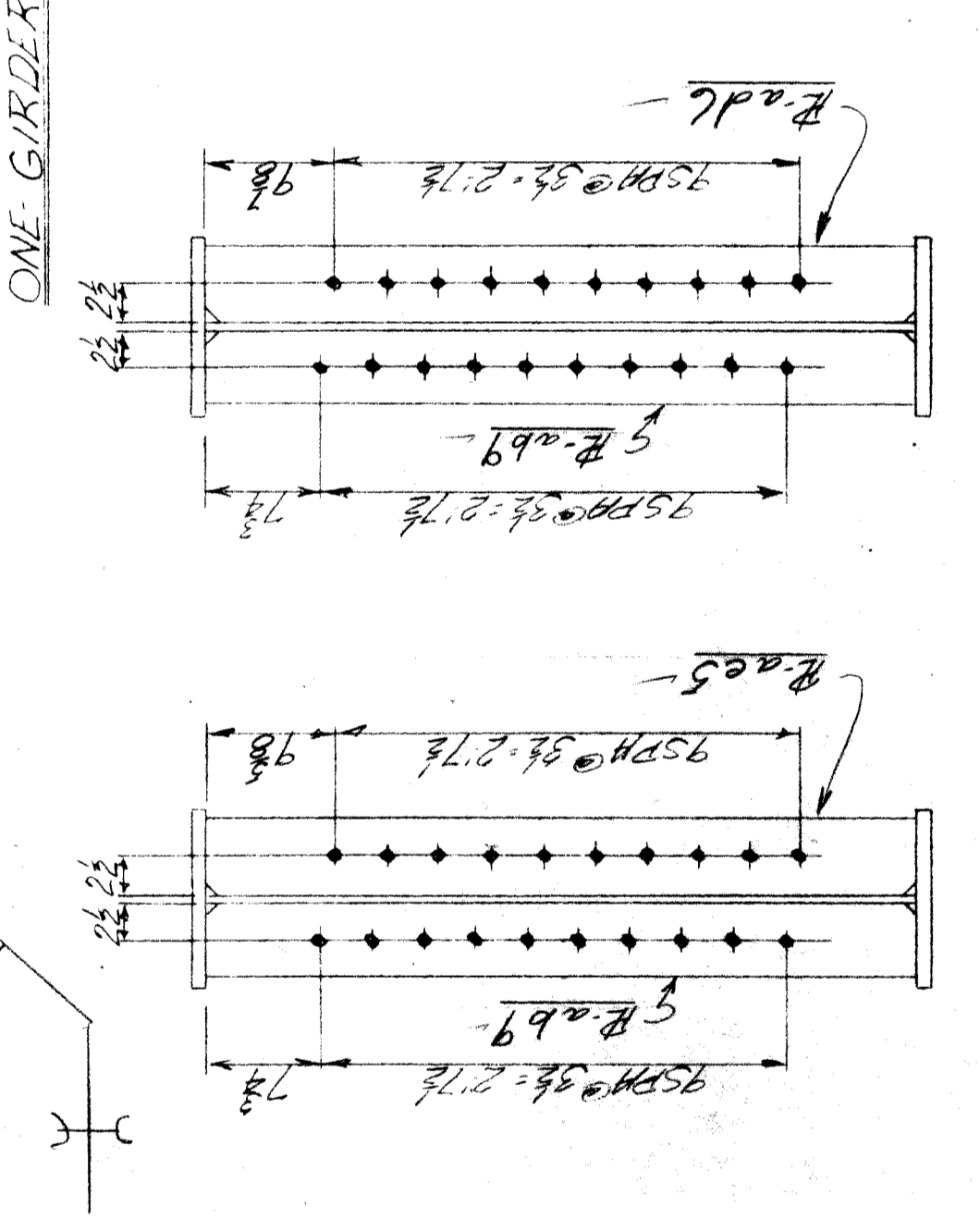
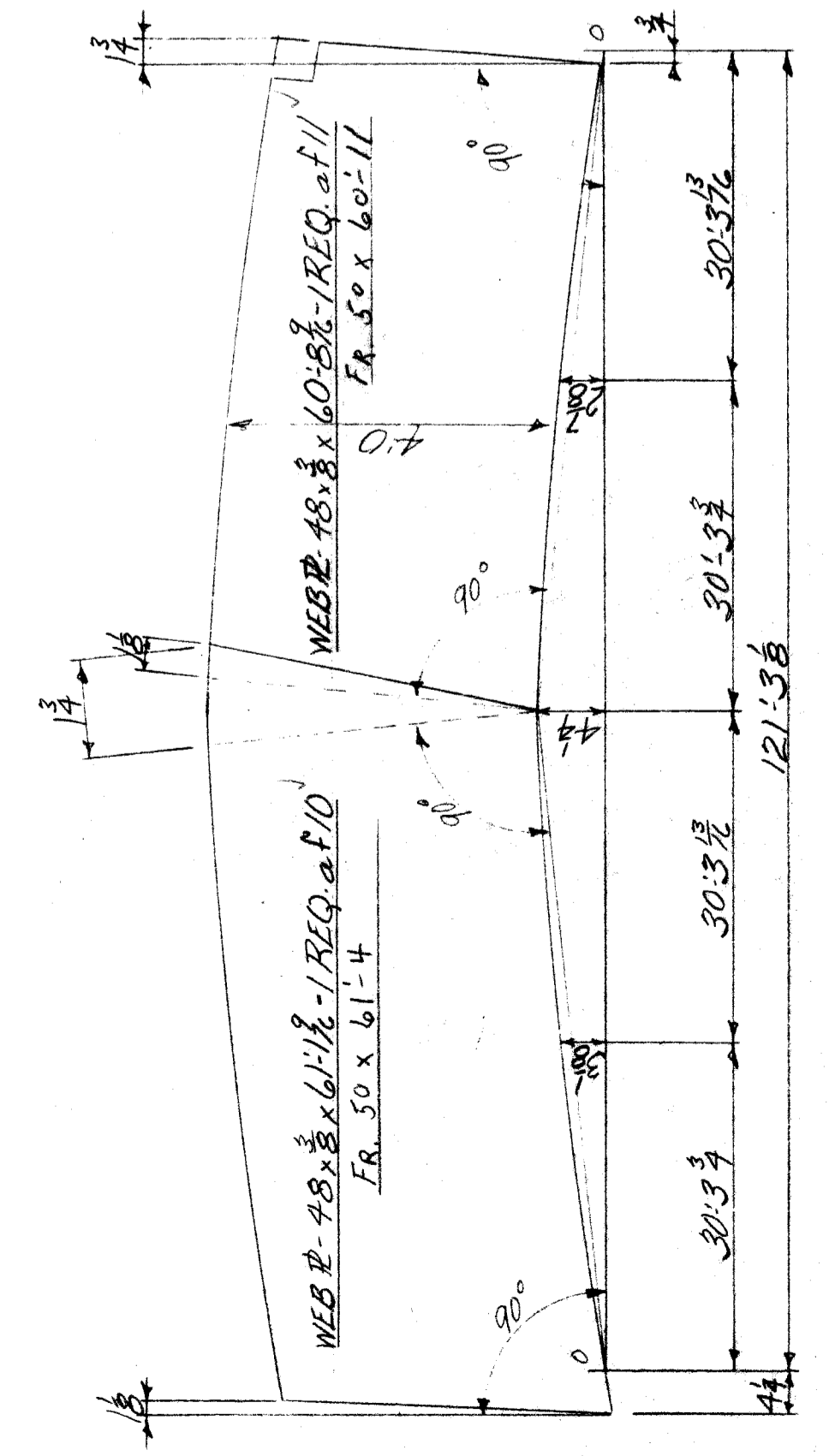
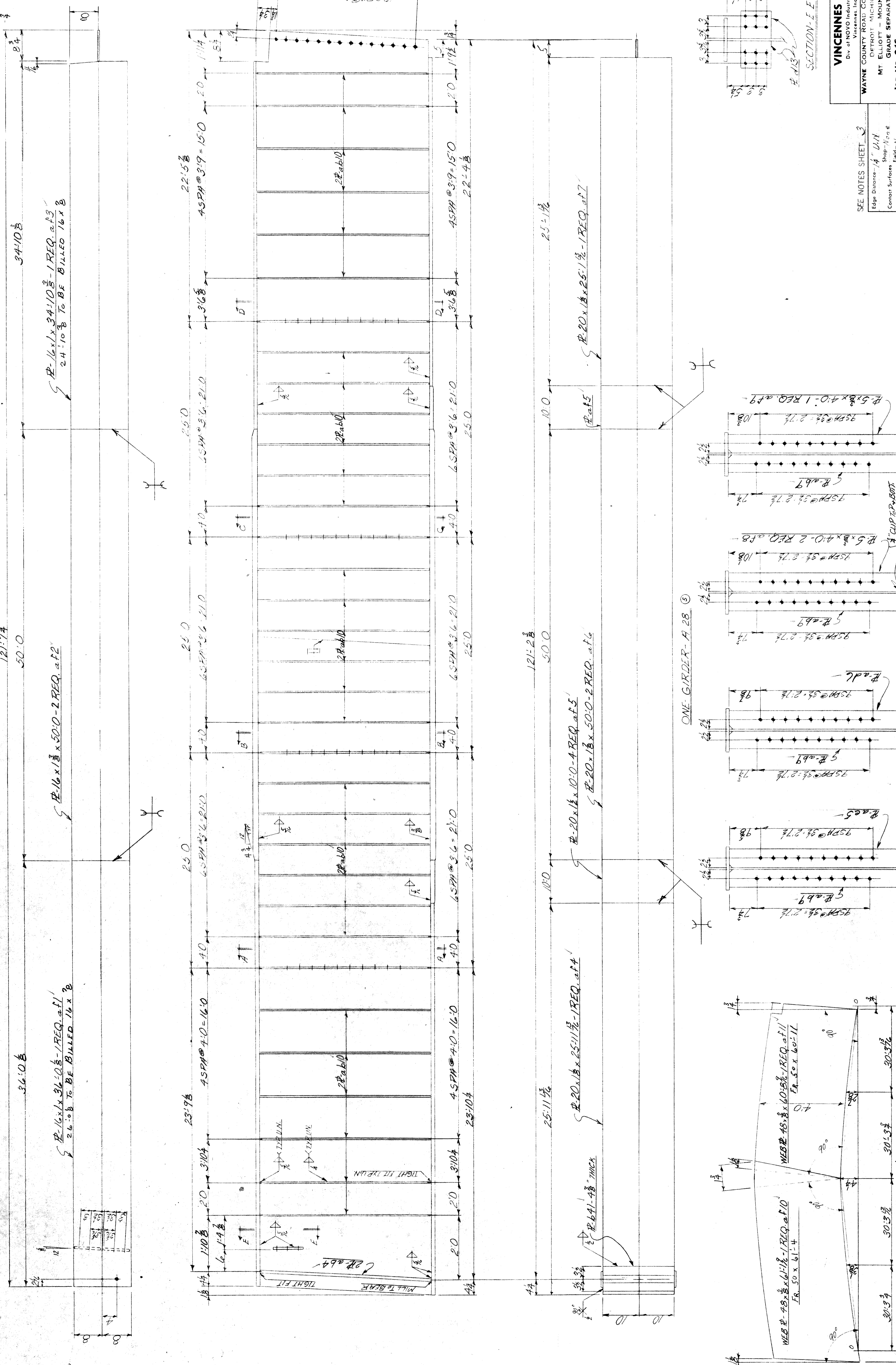


VINCENNES STEEL
 Div. of NOVOL Industrial Corp.
 Vincennes, Ind.
WAYNE COUNTY ROAD COMMISSIONERS
 DETROIT MICHIGAN
 MT. ELLIOTT - MOUND ROAD
 GRADE SEPARATION
JOB NO. 246

SEE NOTES SHEET 1-3
 Edge Distance - 1" MIN
 Shop - Non-e
 Contact Surfaces - Field - Non-e
 Rivets - Bolts
 Name - UN
 Mole - UN
 Rivets - Bolts

SECTION-EE
 SECTION-DD
 SECTION-CC
 SECTION-BB
 SECTION-AA
 CAMBER DIAGRAM
 Drawn: MEG
 Checked: CAK
 Approved: UN
 1-67
 Contn. No. 467
 Sh. 27
 10/23/65

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



VINCENNES STEEL Div. of Nucor Industrial Corp. Vincennes, Ind.		Drawn: <i>MLG</i> Check: <i>MLG</i> Approved: <i>DMK</i> Rivets-Bolts: <i>1-67</i> Sheet: <i>467</i> of <i>28</i>
WAYNE COUNTY ROOST COMMISSIONERS DETROIT, MICHIGAN MT. ELLOTT - MOUND ROAD GRADE SEPARATION JOB NO. 246		See NOTES SHEET 1-3 Edge Distance: 1 1/2" MIN. Shop: 1/8" E Field: 1/16" E Paint: <i>None</i> Notes: 1/4" MIN. Rivets-Bolts: <i>1-67</i>

CAMBER DIAGRAM

SECTION-AA

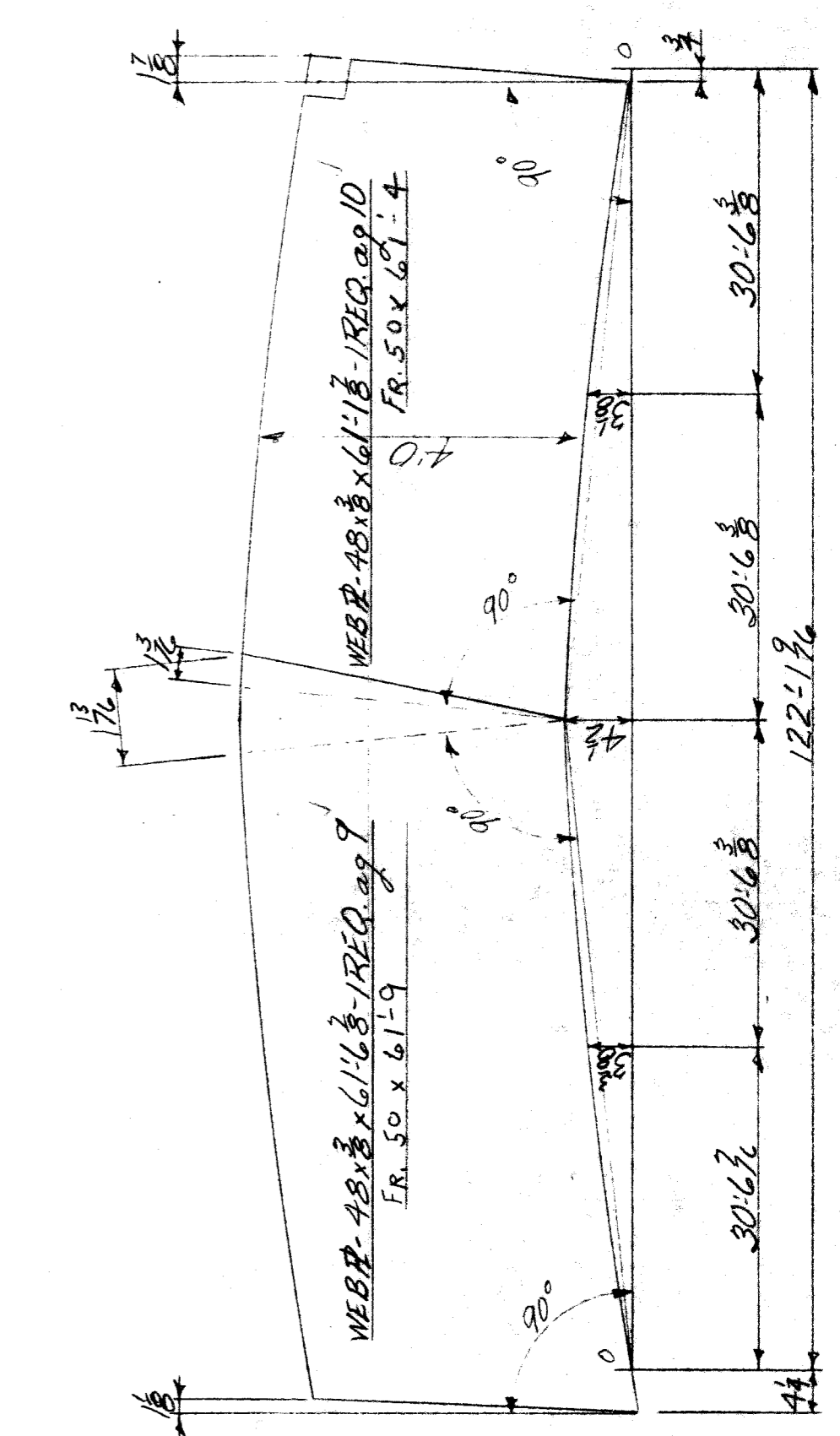
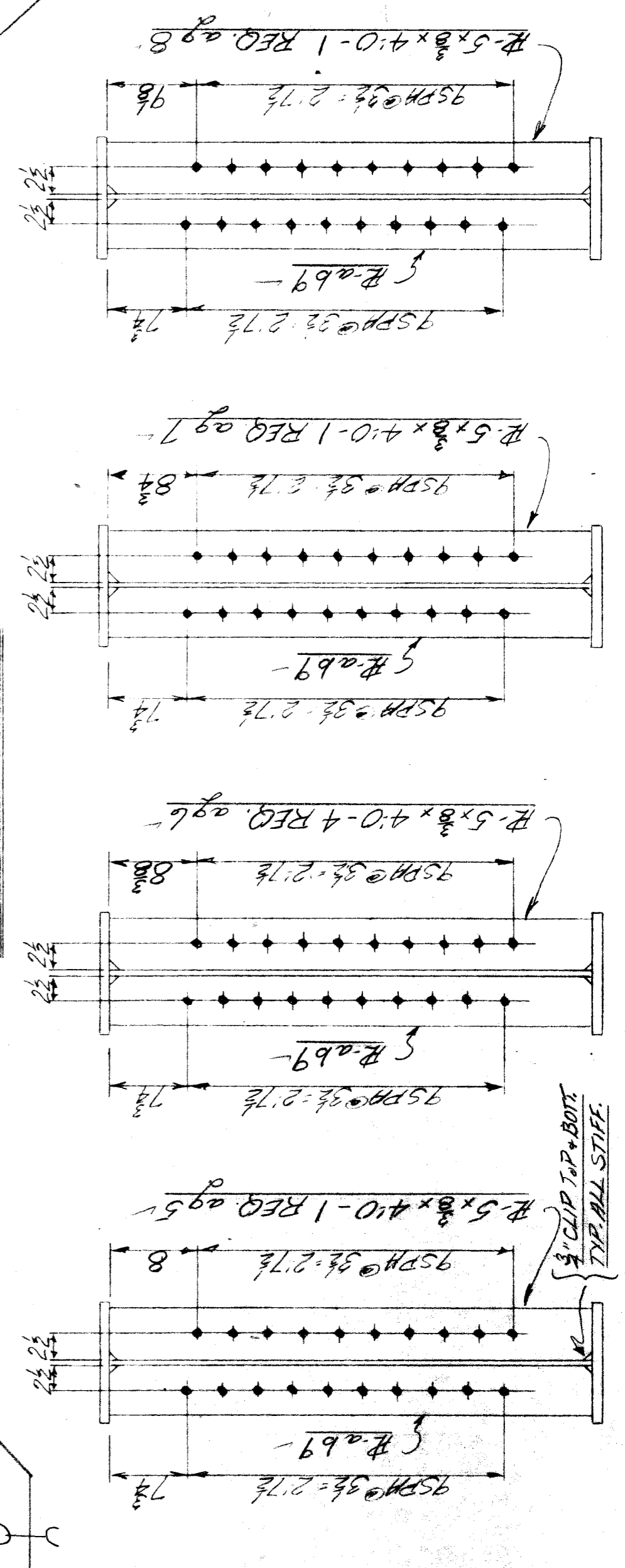
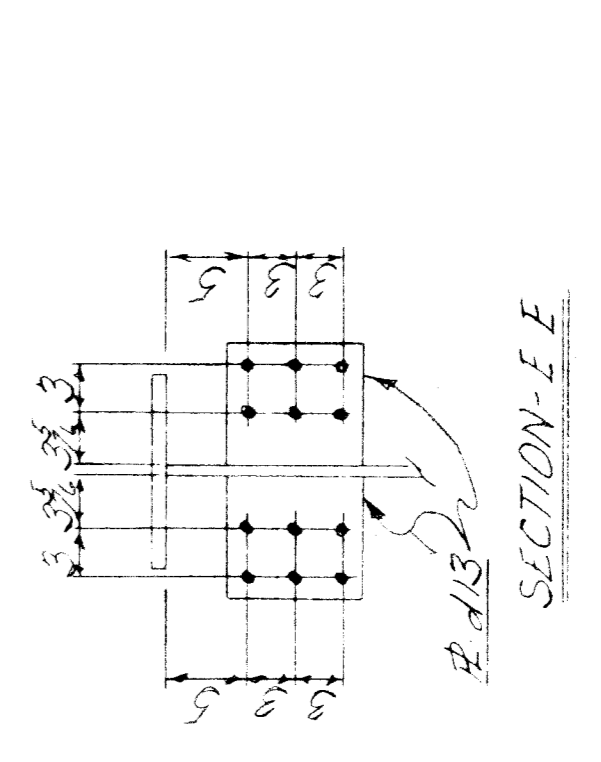
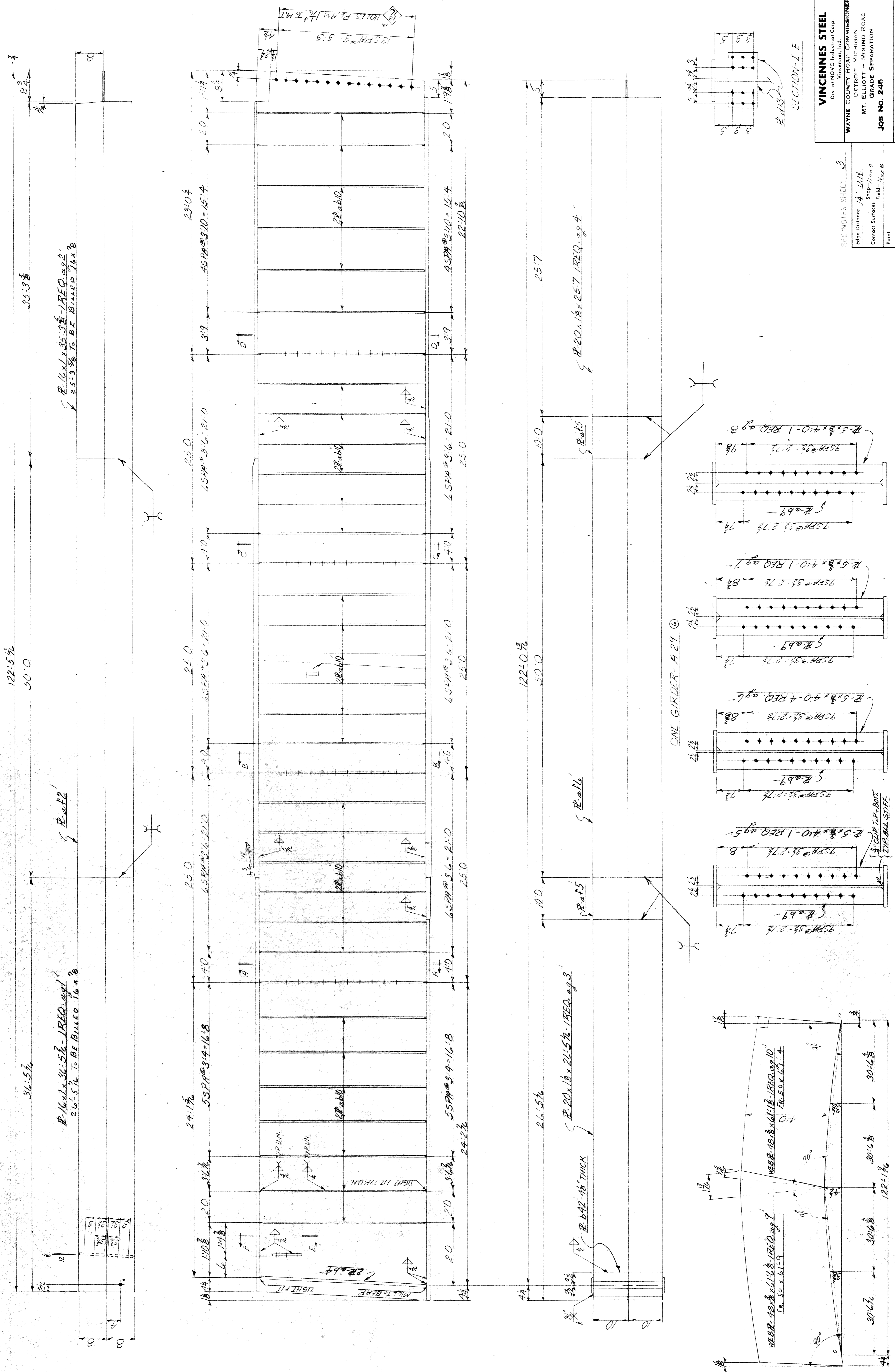
SECTION-BB

SECTION-CC

SECTION-DD

SECTION-EE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



VINCENNES STEEL
Div. of INVO Industrial Corp.
Vincennes, Ind.

WAYNE COUNTY ROAD COMMISSIONERS
MT. ELIOTT - MOUND ROAD
GRADE SEPARATION
JOB NO. 246

Drawn: *MBS* Checked: *AMK* Approved: *AMK* Revised: *AMK*
Date: 1-69
Sheet: 1-69 of 29

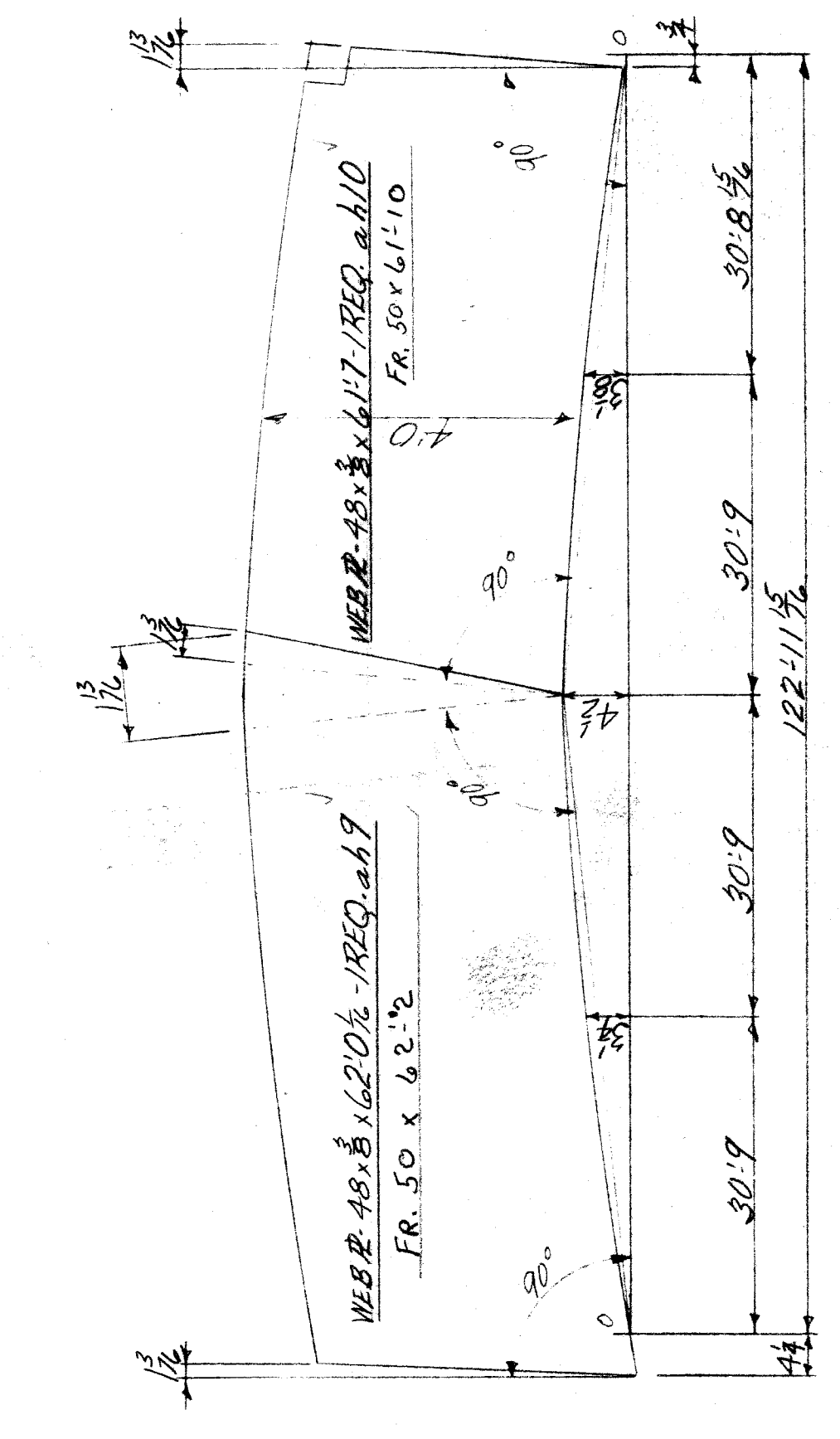
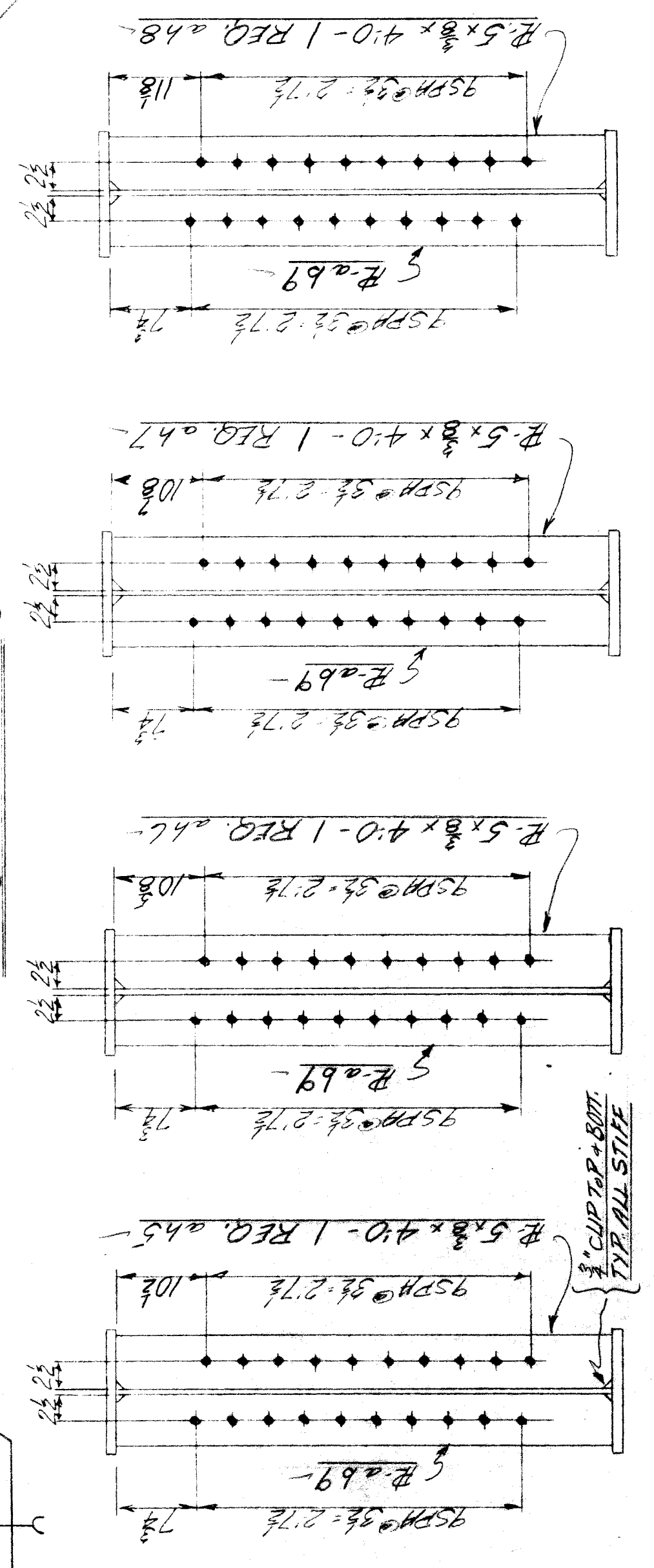
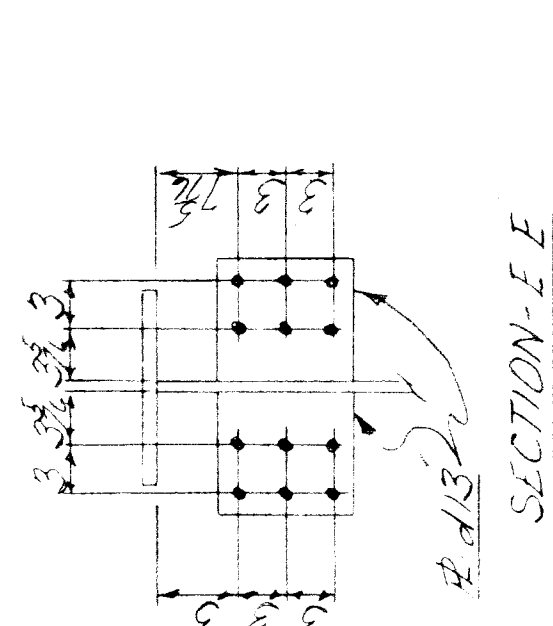
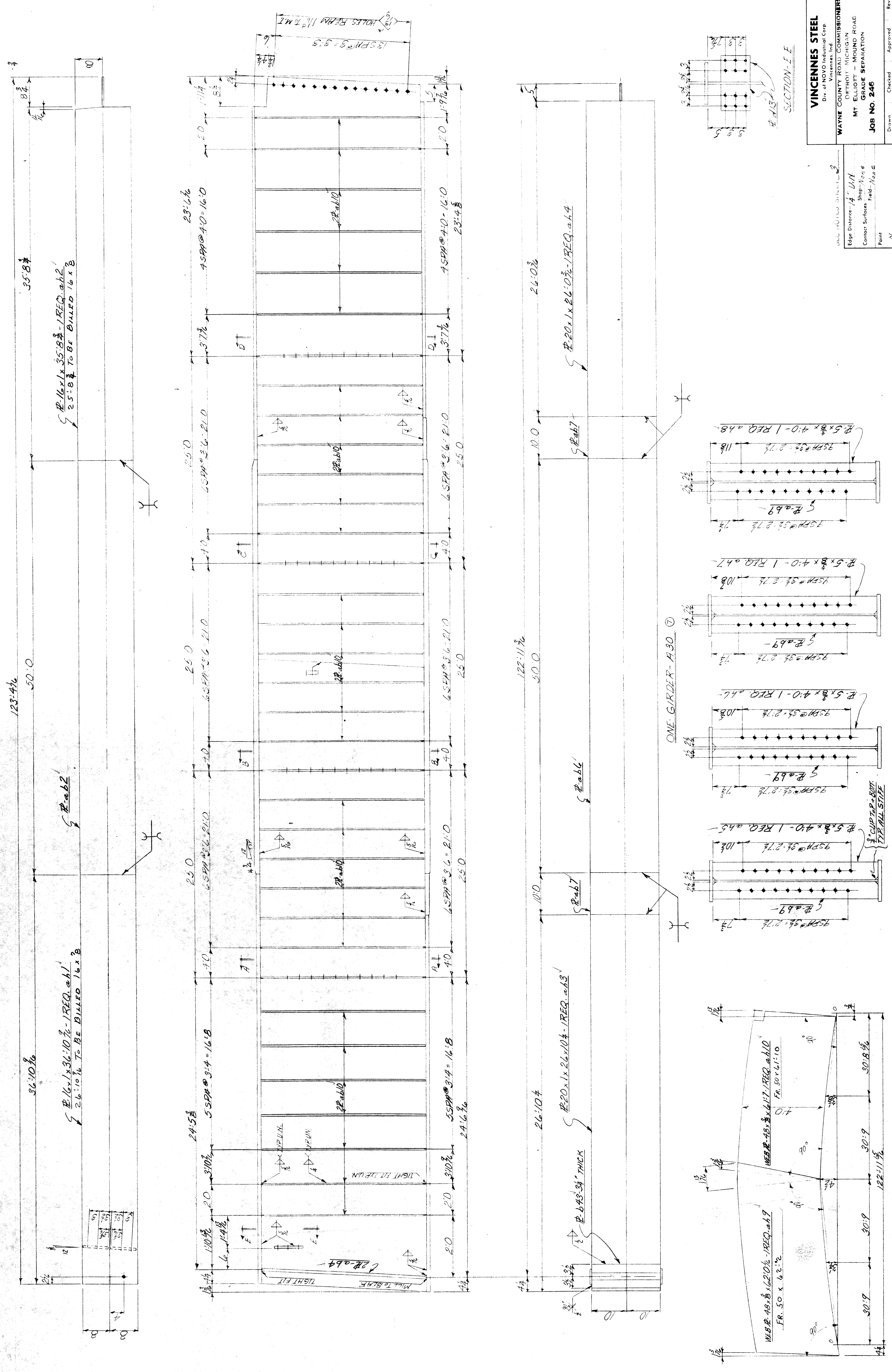
SEE NOTES SHEET 3

Edge Distance - 1/4" MIN
Contact Surfaces - Frd. - Non S
Paint - *UN*
Rivets - Bolts - *UN*

SECTION-AA
SECTION-BB
SECTION-CC
SECTION-DD

CAMBER DIAGRAM

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



VINCENNES STEEL
Div. of NOVO Industrial Corp.
Vincennes, Ind.

WAYNE COUNTY ROAD COMMISSIONERS
DETROIT MICHIGAN
MT. ELLIOTT - MOUND ROAD
GRADE SEPARATION
JOB NO. 246

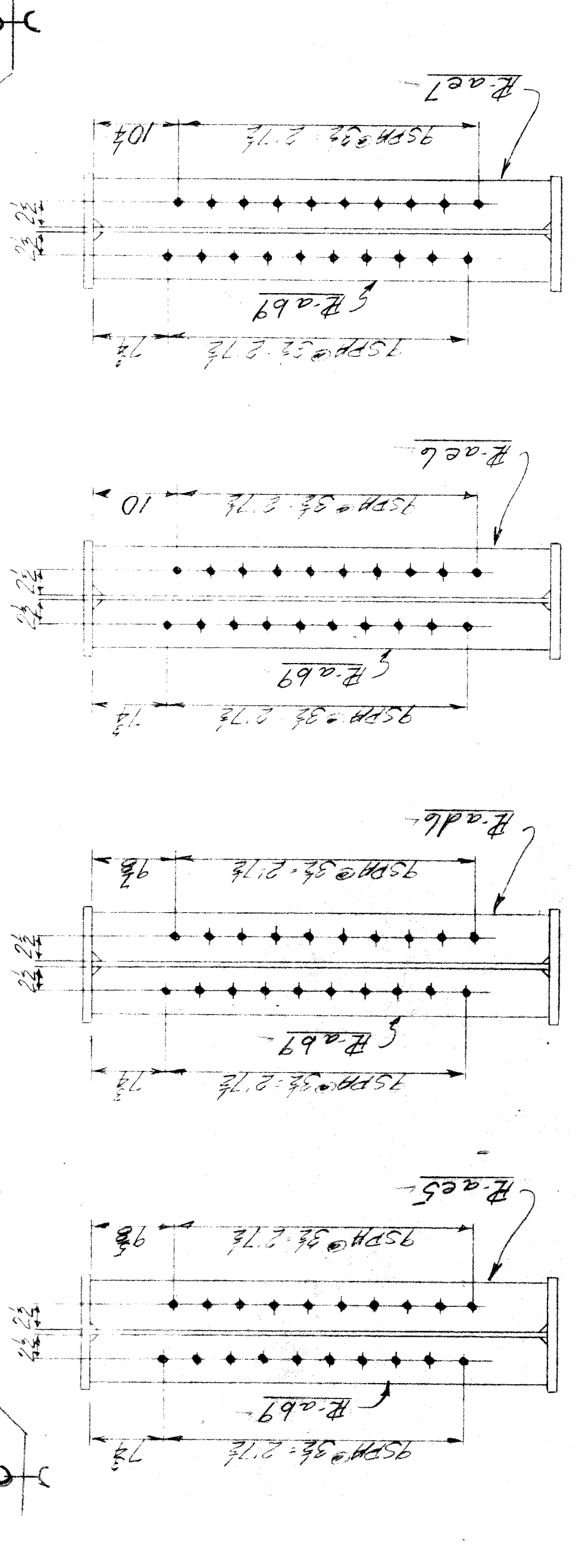
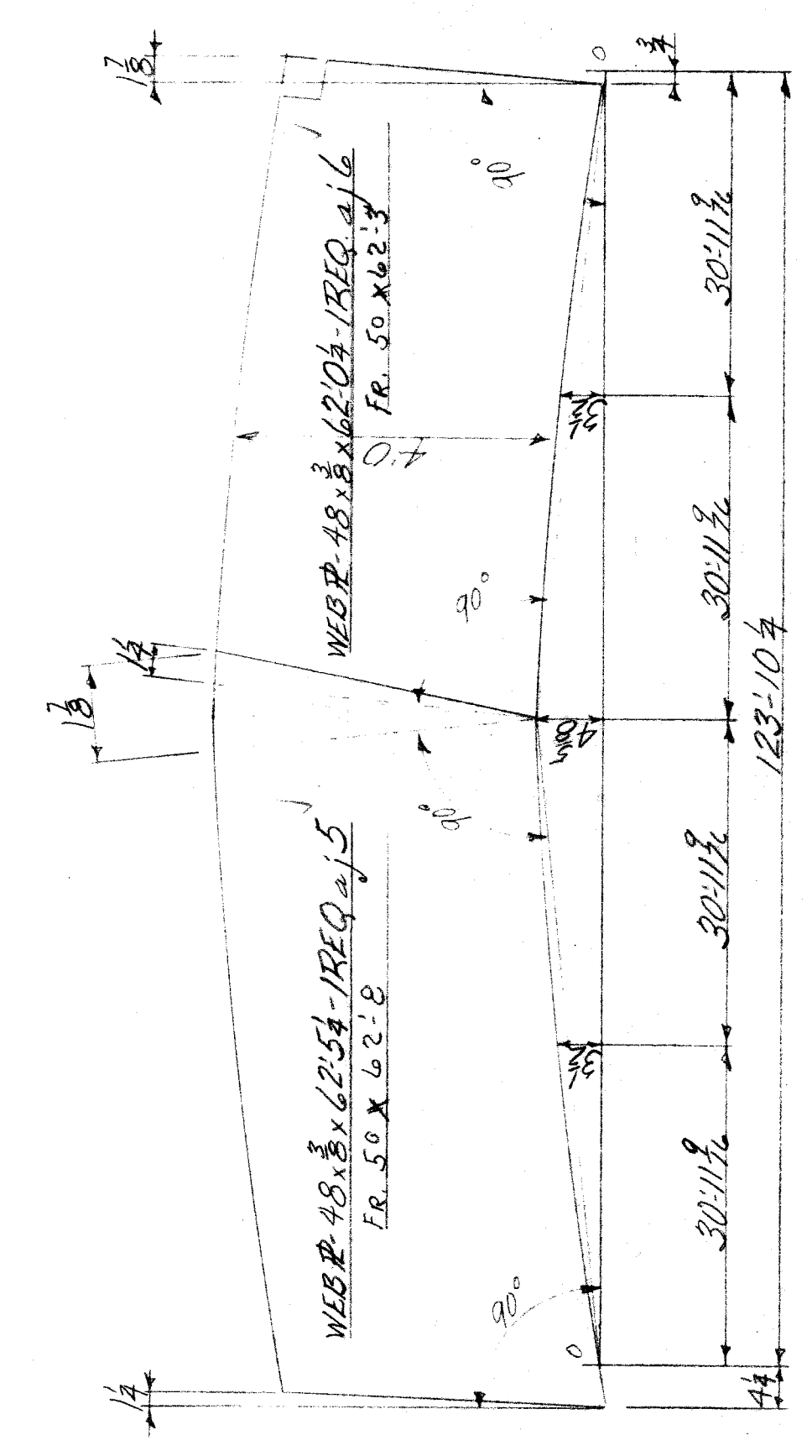
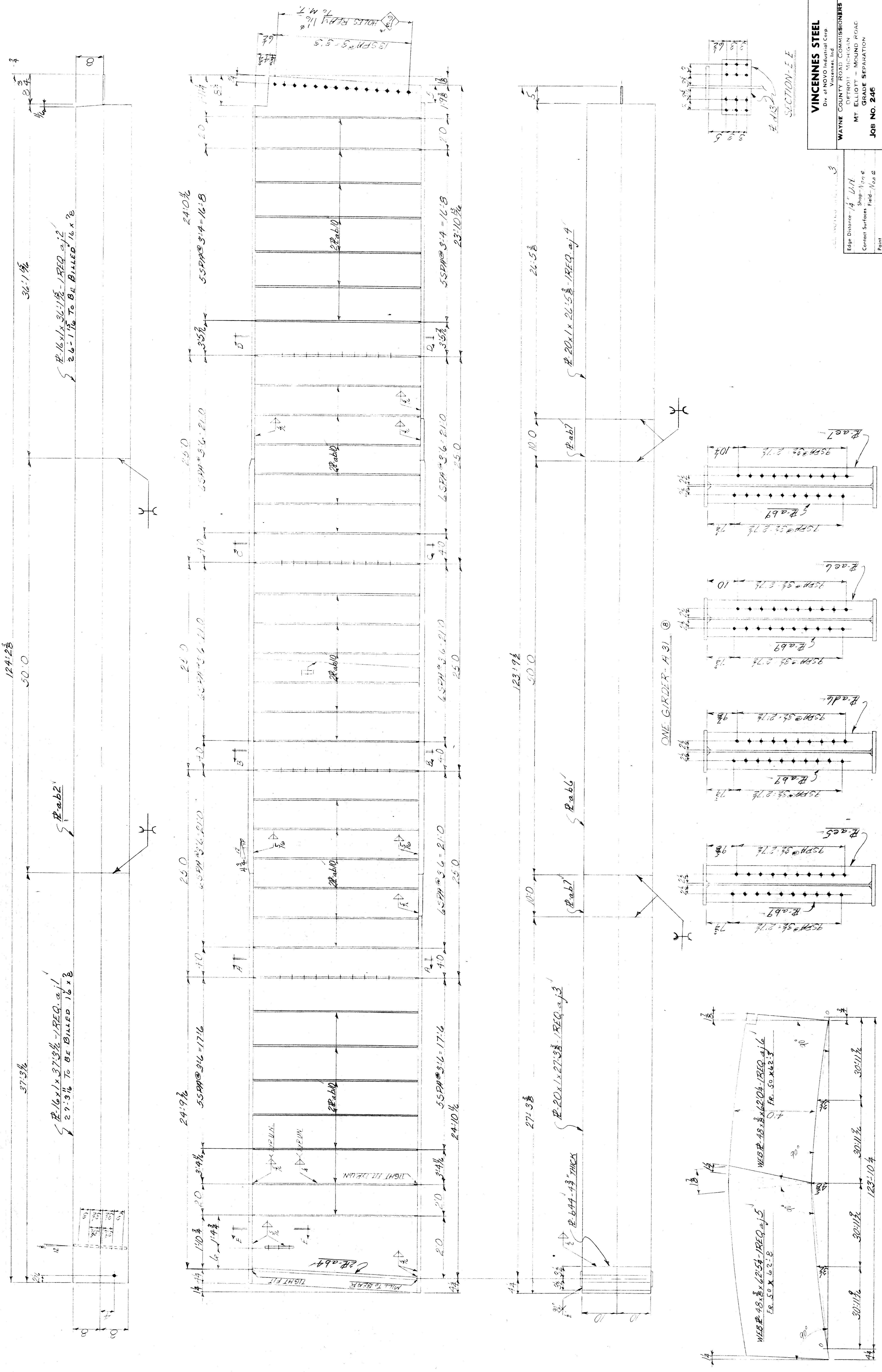
Drawn: *WJW*
Checked: *WJW*
Approved: *WJW*
Revised: *WJW*

Point: None
Holes: 1/2" x 1/4"
Rivets: Bolts

Edge Distance: 1/4" UN
Shop: 1/4" x 1/4"
Corner Surface: Field - 1/4" x 1/4"

Contr. No. 467 Sh. 30

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



VINCENNES STEEL
 Div of NOVOL Industrial Corp
 Vincennes, Ind

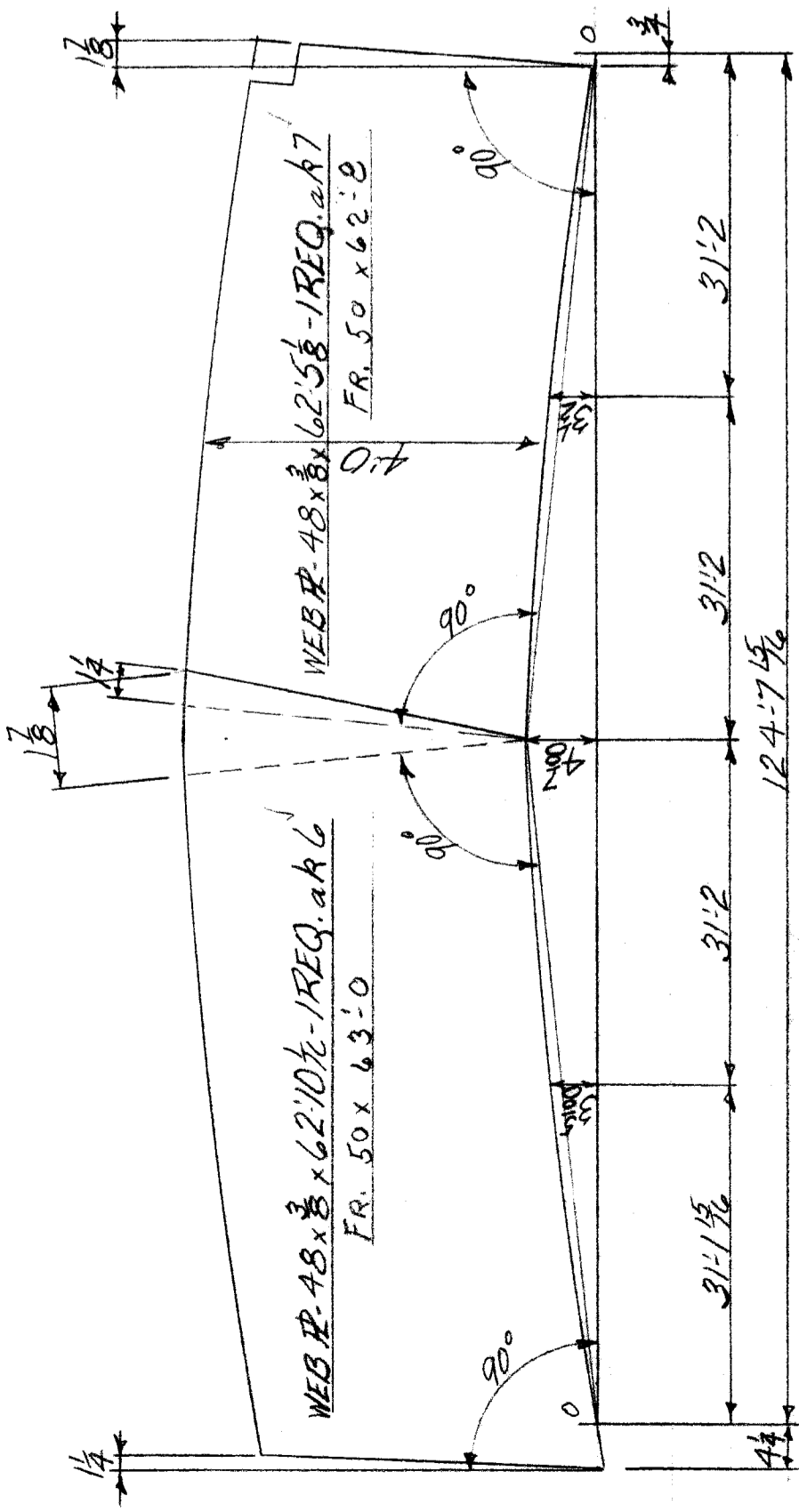
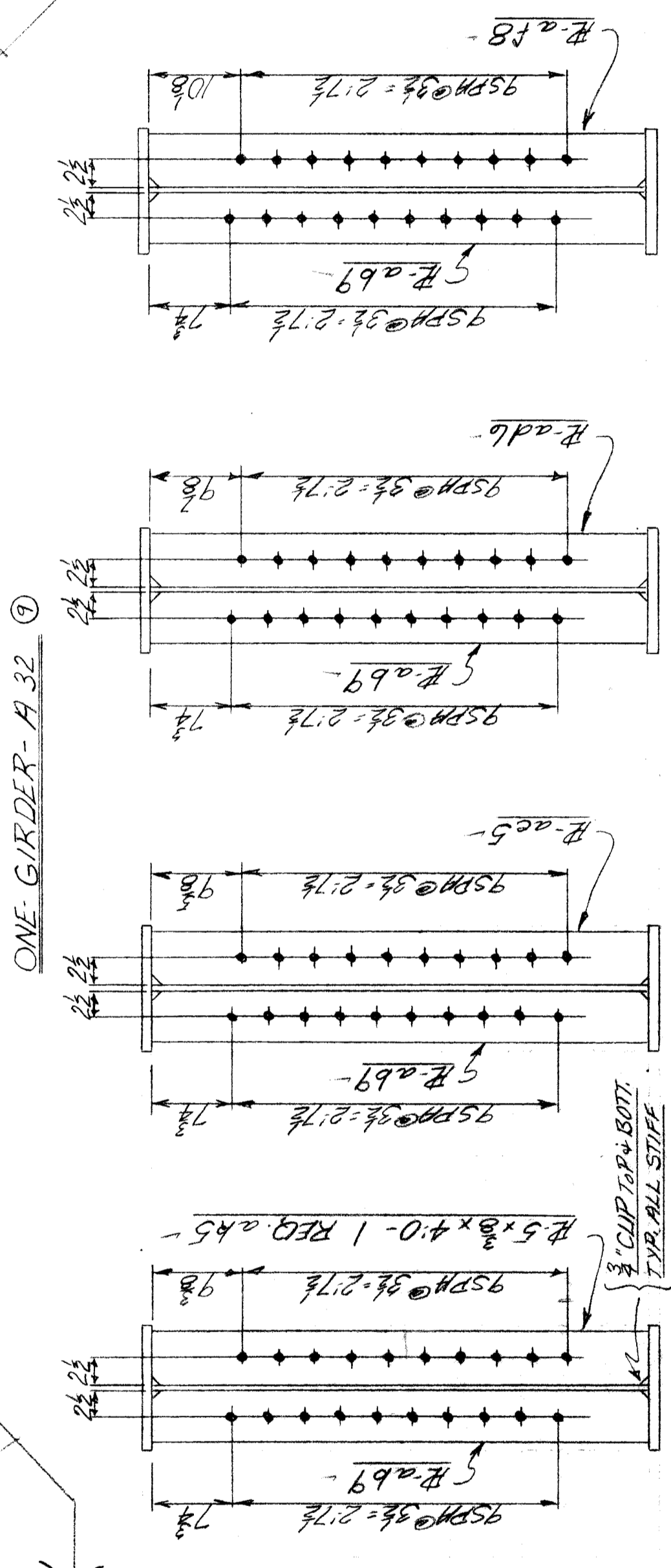
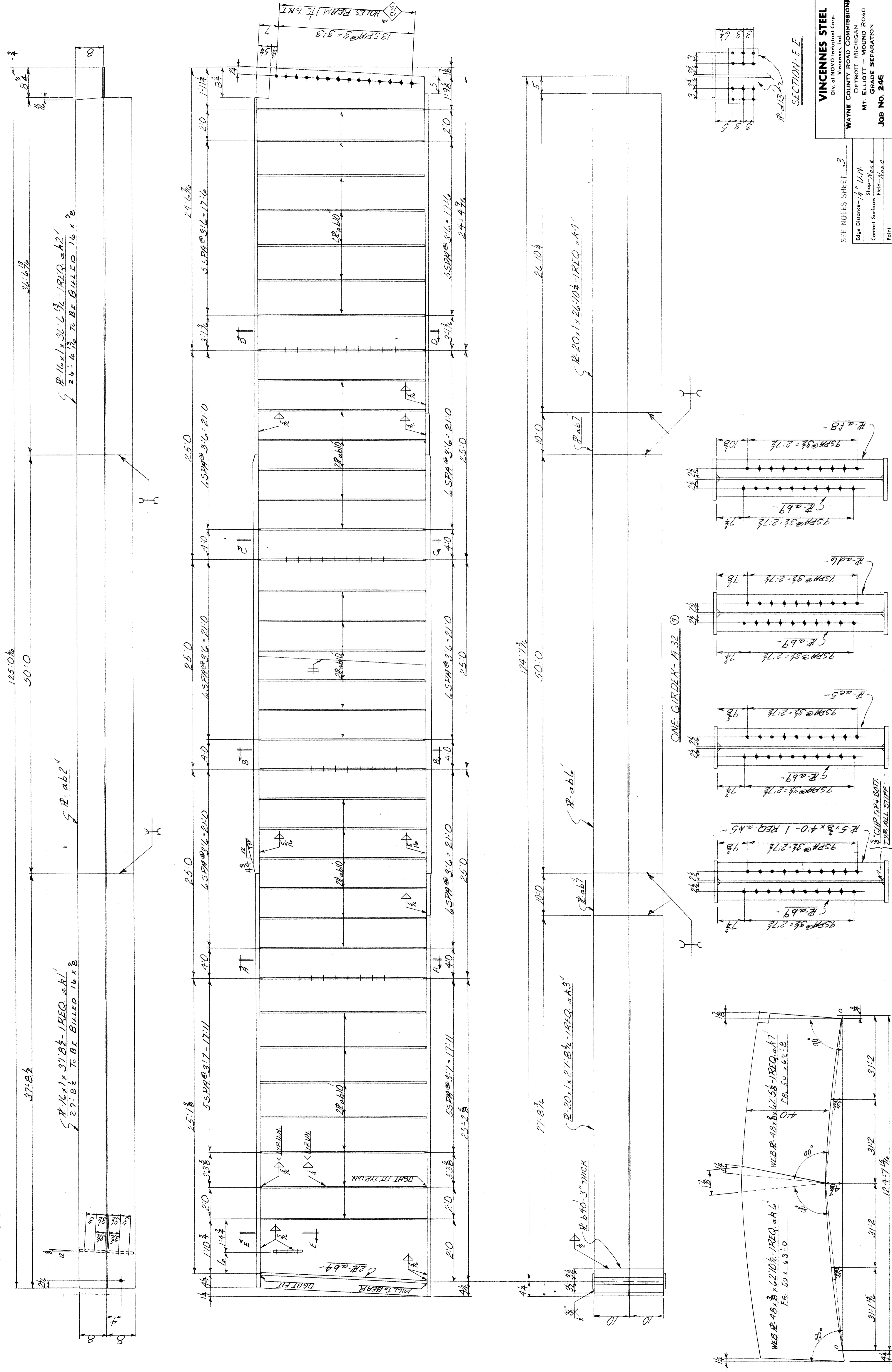
WAYNE COUNTY ROAD COMMISSIONERS
 DETROIT MICHIGAN
 MT ELLIOTT - MOUND ROAD
 GRADE SEPARATION
 JOB NO. 246

Drawn: MBR
 Checked: CWR
 Approved: CWR
 Revised: CWR
 Date: 1-67

Edge Distance - 4" DIA
 Shop - Nov 6
 Contact Surfaces - Field - Nov 6
 Point
 Notes - 1/2" DIA
 Rivets - Bolts

Contr. No. 467 Sh. 31

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



SEE NOTES SHEET 3

VINCENNES STEEL
Div. of NOVO Industrial Corp.
Waynesville, Ind.

WAYNE COUNTY ROAD COMMISSIONERS
DETROIT MICHIGAN
MT. ELLIOTT - MOUND ROAD
GRADE SEPARATION
JOB NO. 246

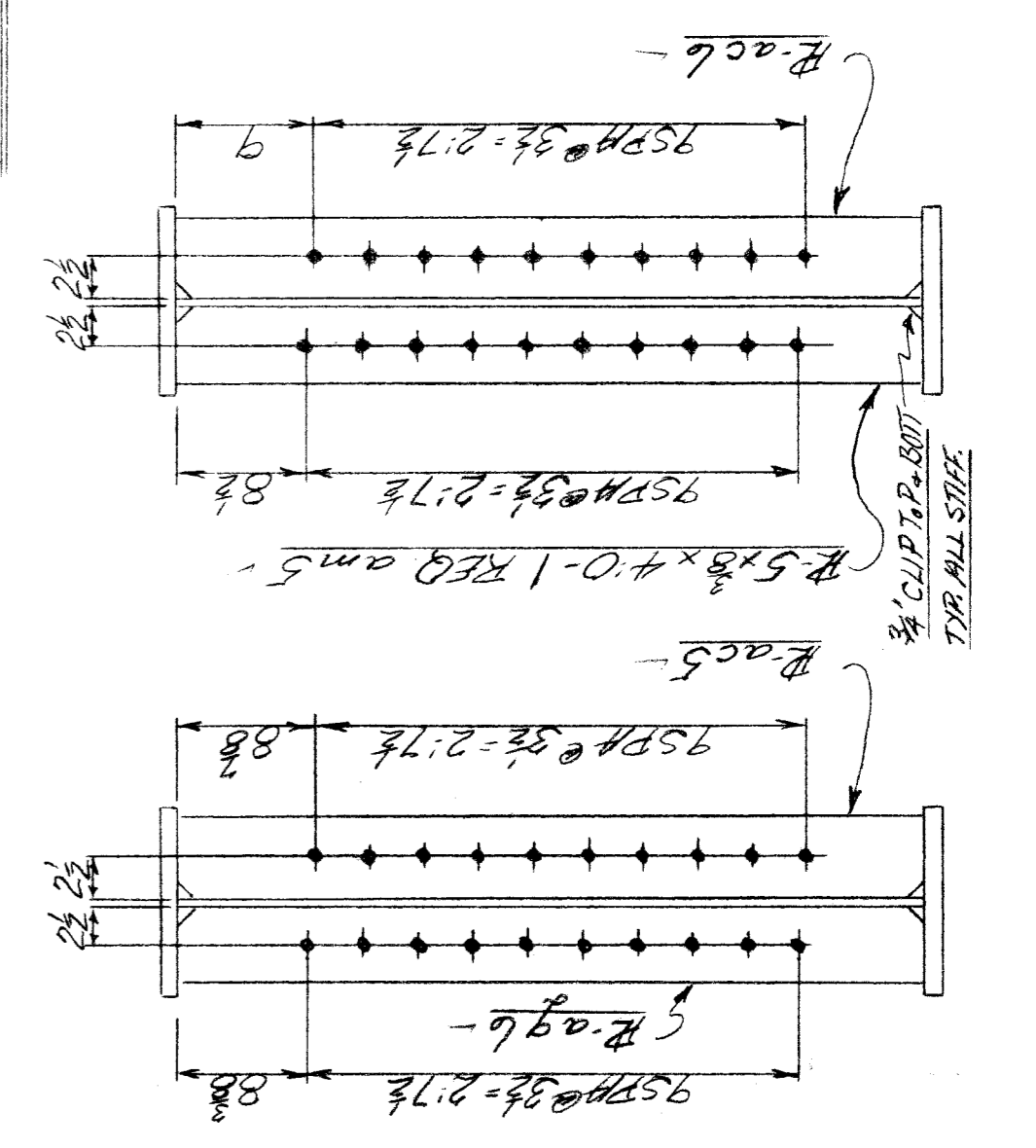
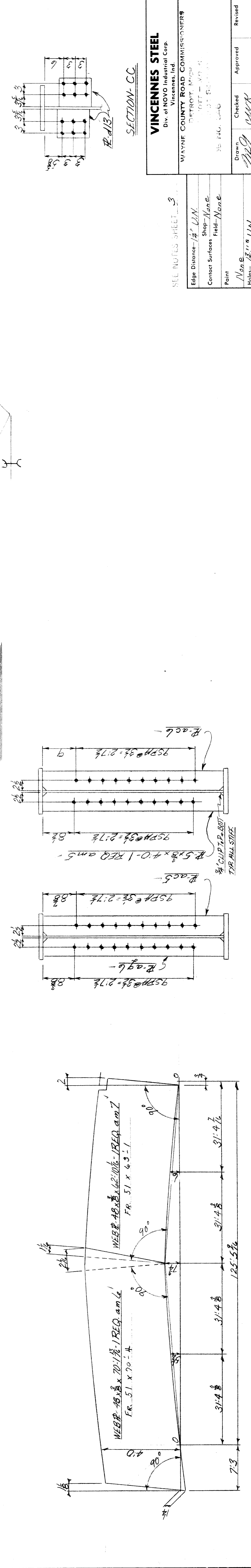
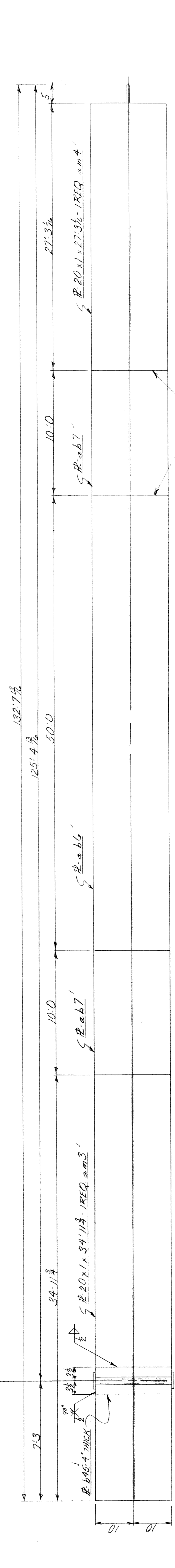
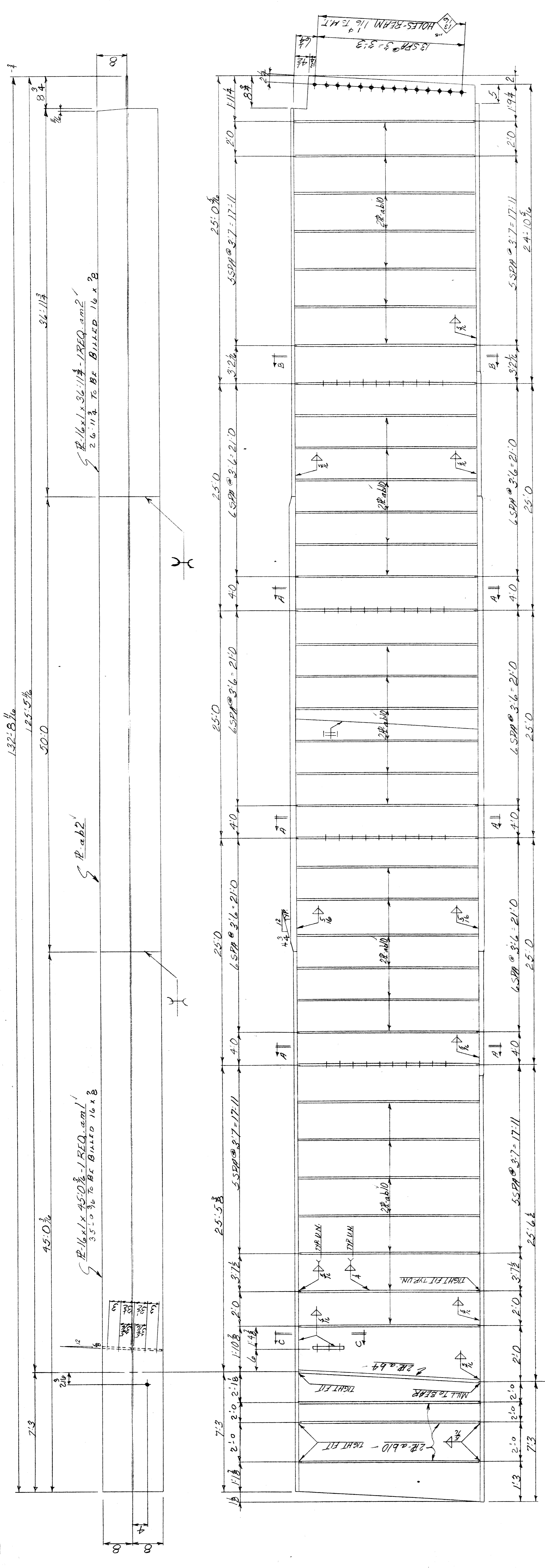
Edge Distance - 1" MIN.
Shop - 1/8" MIN.
Field - 1/16" MIN.

Point
Name - 1/4" MIN.
Holes - 1/8" MIN.
Rivets - Bolts

Drawn: MEG
Checked: CMK
Approved: [Signature]
Revised: 1-67

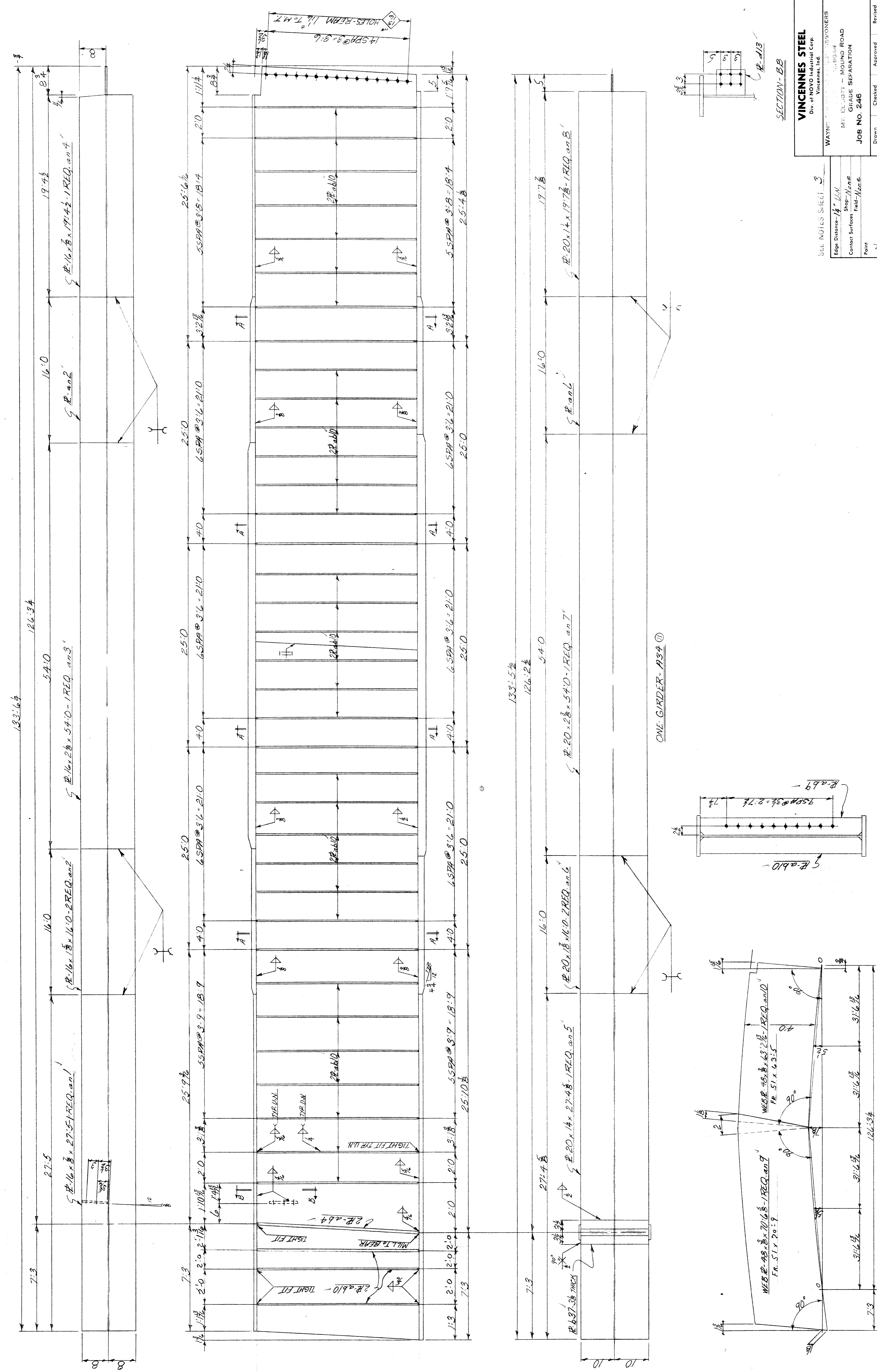
SECTION-AA
SECTION-BB
SECTION-CC
SECTION-DD
SECTION-E

X 4 8 12 16 20 24 28 32 36 40 44 48 52



SEE NOTES SHEET 3		VINCENNES STEEL Div. of NOVO Industrial Corp. Vincennes, Ind.	
MAYNE COUNTY ROAD COMMISSIONERS		PROJECT: M-20 POST - V-20 30' x 30' x 20'	
Edge Distance - 1/4" MIN	Shop - None	Checked	Approved
Contact Surfaces - None	Field - None	Drawn	Revised
Paint - None		1-69	1-69
Holes - 1/8" MIN			
Rivets - Bolts			

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



SEE NOTES SHEET 3

Edge Distance - 1 1/2" UN
Shop - None
Contact Surface - Field - None

Point - None
Holes - 2" UN
Rivets - Bolts

Drawn	Checked	Approved	Revised
1-69	1-69	1-69	

CONTR. NO. 467 SH. 34 of

VINCENNES STEEL
Div. of HOVO Industrial Corp.
Wayne, Indiana 46088

WAYNE ENGINEERS AND ARCHITECTS
INCORPORATED
1110 N. WASHINGTON ST.
MFT. ELLIOTT - MOUND ROAD
GRADE SEPARATION
JOB NO. 246

SECTION - BB

SECTION-AA

CAMBER DIAGRAM

SECTION-BB

