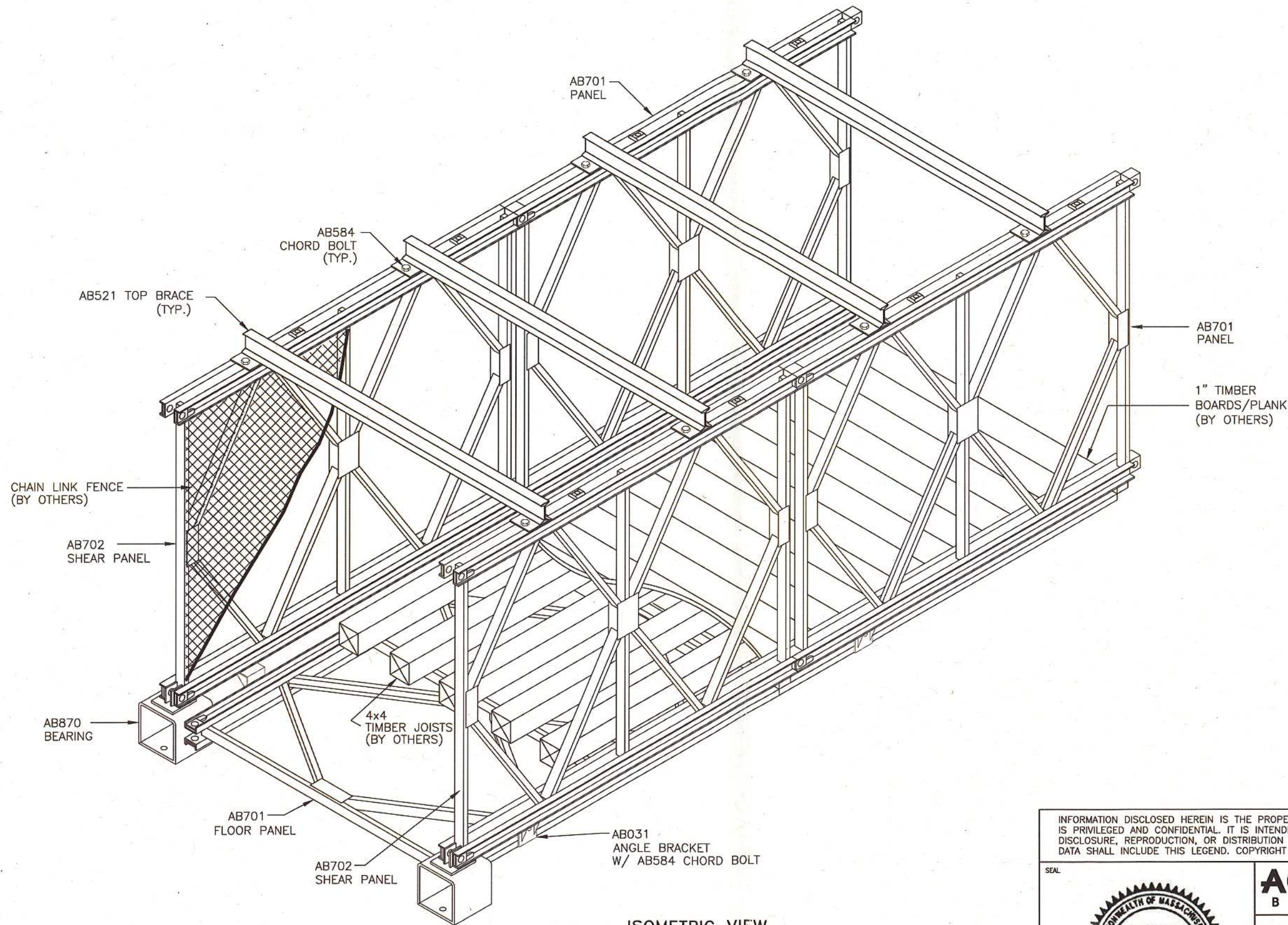


ACROW 700XS PANEL BRIDGE

GENERAL NOTES AND SPECIFICATIONS

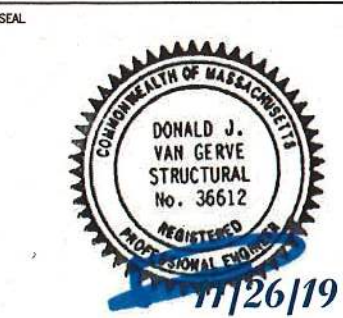
TABLE OF CONTENTS		DIAGRAM OF PERMISSIBLE LIVE LOADS		GENERAL NOTES AND SPECIFICATIONS																																																																							
SHEET DRAWING TITLE 1. GENERAL NOTES AND SPECIFICATIONS 2. ISOMETRIC VIEW 3. PLAN VIEW, ELEVATION & SECTION 4. TYPICAL CONNECTION DETAILS 5. BEARING LAYOUT & DETAILS 6. LIFT PLAN		THIS SPACE IS INTENTIONALLY LEFT BLANK		GENERAL NOTES 2009 AASHTO LRFD GUIDE SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGES (SPECIFICATIONS). 2014 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 7th EDITION, WITH 2015 & 2016 INTERIM REVISIONS (AASHTO LRFD). 2013 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS (AASHTO SIGNS). LIVE LOAD 90PSF – PEDESTRIAN LOAD DEAD LOAD TIMBER DECK (BY OTHERS) BRIDGE (A) PANEL CHORDS, DIAGONALS & VERTICALS AASHTO M223 Gd 65/ ASTM A572 GR-50 (B) PANEL PINS ASTM A 193 Gd B7 (C) BOLTS AASHTO M164M – A325 TIMBER WALKWAY AS SHOWN. FINISH ALL MAJOR ACROW COMPONENTS GALVANIZED TO AASHTO M111-ASTM A123																																																																							
TRUSS PANEL TYPES		BRIDGE BOLT TORQUE VALUES		INFORMATION DISCLOSED HEREIN IS THE PROPERTY OF ACROW CORPORATION OF AMERICA. THIS MATERIAL IS PRIVILEGED AND CONFIDENTIAL. IT IS INTENDED SOLELY FOR THE ADDRESSEE. ANY UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR DISTRIBUTION IS PROHIBITED. DUPLICATION OF ANY PORTION OF THIS DATA SHALL INCLUDE THIS LEGEND. COPYRIGHT ACROW CORP. 2019																																																																							
SHAPE OF DIAGONALS AB701 PANELS – CHANNELS AB702/SC0068 PANELS – TUBES AB708 PANELS – SOLID BARS ACROW PANEL		<table><tr><th>BOLT</th><th>NAME</th><th>DIA Ø</th><th>UNDER HEAD LENGTH ±1/8"</th><th>TORQUE (FT/LBS)</th></tr><tr><td>AB549A</td><td>SHORT BRACE BOLT</td><td>1"</td><td>2 3/4"</td><td>450</td></tr><tr><td>AB548A</td><td>LONG RAKER BOLT</td><td>1"</td><td>4"</td><td>450</td></tr><tr><td>AB547AS</td><td>TRANSOM SHEAR BOLT</td><td>1"</td><td>5 1/2"</td><td>450</td></tr><tr><td>AB547A</td><td>TRANSOM BOLT</td><td>1"</td><td>4 1/4"</td><td>450</td></tr><tr><td>AB546</td><td>DECK T BOLT</td><td>3/4"</td><td>N/A</td><td>110</td></tr><tr><td>AB536A</td><td>BRACE BOLT</td><td>1"</td><td>3 1/2"</td><td>450</td></tr><tr><td>AB584</td><td>CHORD BOLT</td><td>1 1/4"</td><td>3 1/2"</td><td>650</td></tr></table>		BOLT	NAME	DIA Ø	UNDER HEAD LENGTH ±1/8"	TORQUE (FT/LBS)	AB549A	SHORT BRACE BOLT	1"	2 3/4"	450	AB548A	LONG RAKER BOLT	1"	4"	450	AB547AS	TRANSOM SHEAR BOLT	1"	5 1/2"	450	AB547A	TRANSOM BOLT	1"	4 1/4"	450	AB546	DECK T BOLT	3/4"	N/A	110	AB536A	BRACE BOLT	1"	3 1/2"	450	AB584	CHORD BOLT	1 1/4"	3 1/2"	650	SEAL ACROW BRIDGE Building Bridges. Connecting People. Acrow Corporation of America 181 New Road, Parsippany, NJ 07054 GENERAL NOTES AND SPECIFICATIONS 65FT x 8FT SS PEDESTRIAN BRIDGE BODEN LANE NATICK, MA <table><tr><td>DRAWN BY</td><td>DGC</td><td>DATE</td><td>11/12/2019</td><td>PROJECT NO.</td></tr><tr><td>CHECKED BY</td><td>JAB</td><td colspan="2">SCALE: NTS</td><td>19-02-2473</td></tr><tr><td>APPROVED BY</td><td>JAB</td><td colspan="2">NEL CORPORATION</td><td>DRAWING NO.</td></tr><tr><td colspan="2"></td><td colspan="2">MIDDLETON, MA</td><td>AB2124</td></tr><tr><td colspan="4"></td><td>REV.</td></tr><tr><td colspan="4"></td><td>SHT 1 OF 6</td></tr></table>		DRAWN BY	DGC	DATE	11/12/2019	PROJECT NO.	CHECKED BY	JAB	SCALE: NTS		19-02-2473	APPROVED BY	JAB	NEL CORPORATION		DRAWING NO.			MIDDLETON, MA		AB2124					REV.					SHT 1 OF 6
BOLT	NAME	DIA Ø	UNDER HEAD LENGTH ±1/8"	TORQUE (FT/LBS)																																																																							
AB549A	SHORT BRACE BOLT	1"	2 3/4"	450																																																																							
AB548A	LONG RAKER BOLT	1"	4"	450																																																																							
AB547AS	TRANSOM SHEAR BOLT	1"	5 1/2"	450																																																																							
AB547A	TRANSOM BOLT	1"	4 1/4"	450																																																																							
AB546	DECK T BOLT	3/4"	N/A	110																																																																							
AB536A	BRACE BOLT	1"	3 1/2"	450																																																																							
AB584	CHORD BOLT	1 1/4"	3 1/2"	650																																																																							
DRAWN BY	DGC	DATE	11/12/2019	PROJECT NO.																																																																							
CHECKED BY	JAB	SCALE: NTS		19-02-2473																																																																							
APPROVED BY	JAB	NEL CORPORATION		DRAWING NO.																																																																							
		MIDDLETON, MA		AB2124																																																																							
				REV.																																																																							
				SHT 1 OF 6																																																																							



ISOMETRIC VIEW
SS CONSTRUCTION
(UTILITY BRACKETS NOT SHOWN FOR CLARITY)

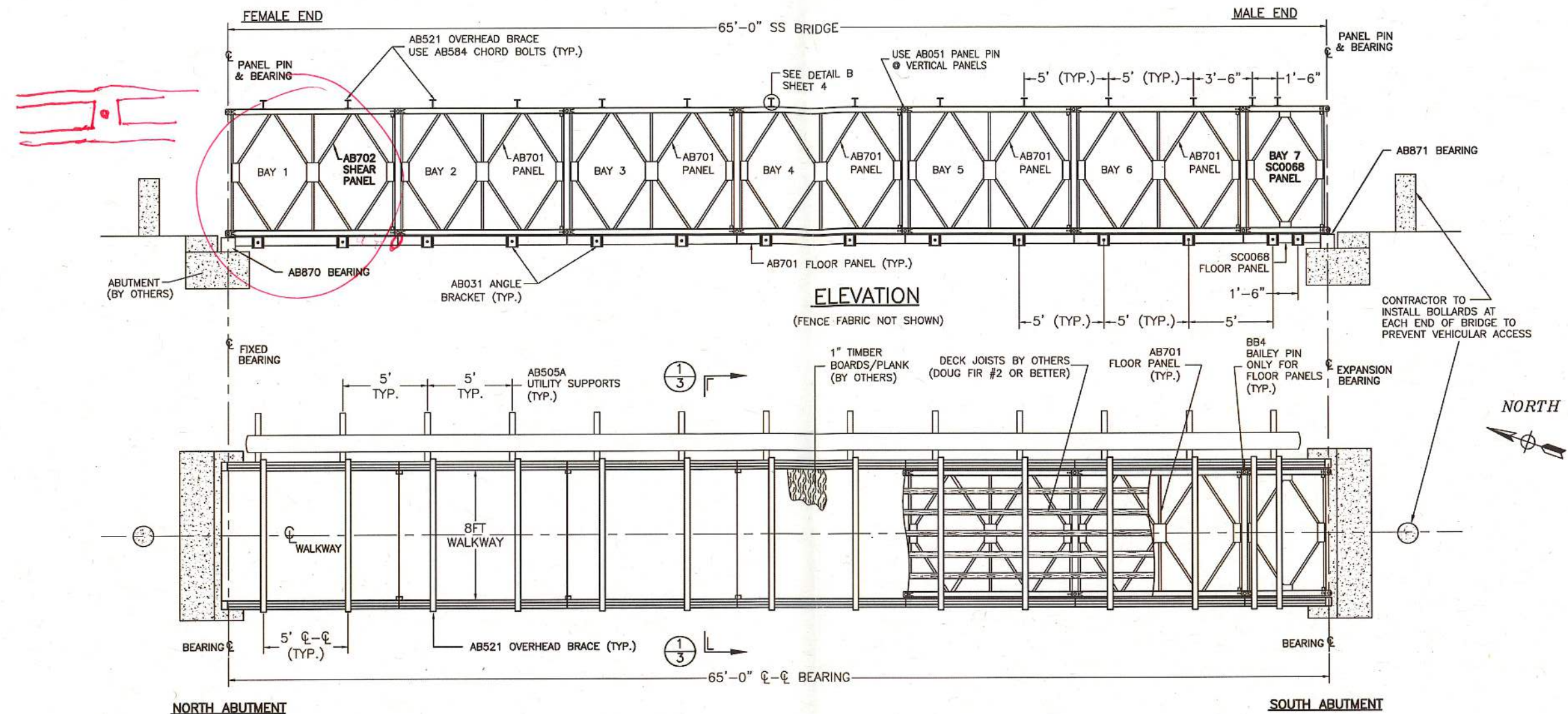
REV.	DATE	DESCRIPTION	BY	CHK.	APPR.

INFORMATION DISCLOSED HEREIN IS THE PROPERTY OF ACROW CORPORATION OF AMERICA. THIS MATERIAL IS PRIVILEGED AND CONFIDENTIAL. IT IS INTENDED SOLELY FOR THE ADDRESSEE. ANY UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR DISTRIBUTION IS PROHIBITED. DUPLICATION OF ANY PORTION OF THIS DATA SHALL INCLUDE THIS LEGEND. COPYRIGHT ACROW CORP. 2019



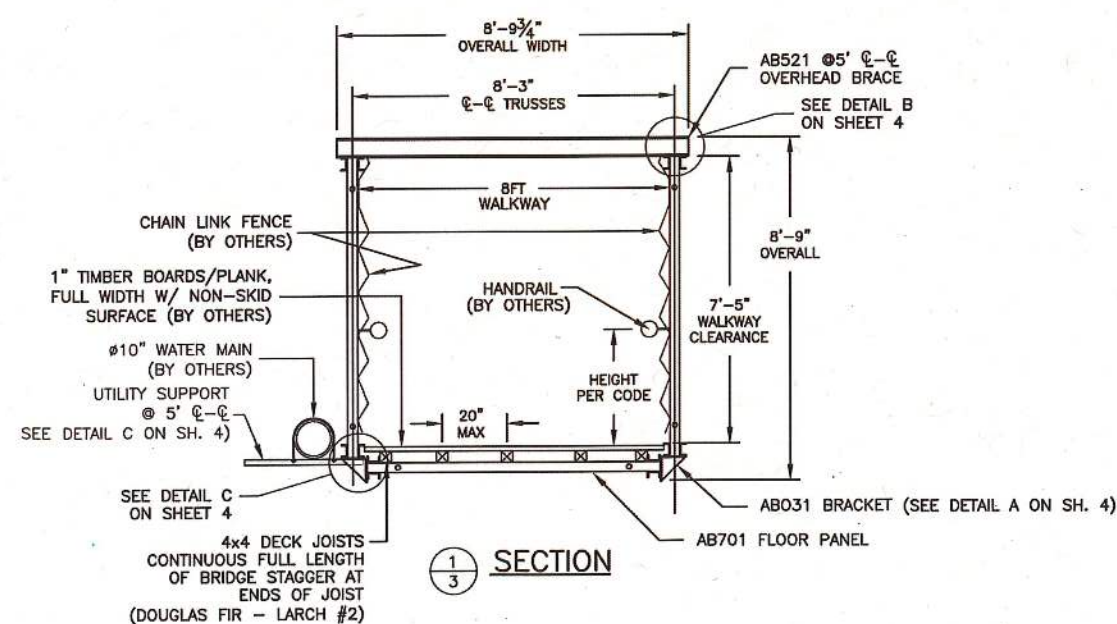
ACROW
BRIDGE
Building Bridges.
Connecting People.
Acrow Corporation of America
181 New Road, Parsippany, NJ 07054

ISOMETRIC VIEW 65FT x 8FT SS PEDESTRIAN BRIDGE BODEN LANE NATICK, MA			
DRAWN BY	DGC	DATE	11/12/19
CHECKED BY	JAB	SCALE:	NTS
APPROVED BY	JAB	PROJECT NO.	19-02-2473
NEL CORPORATION MIDDLETON, MA			DRAWING NO. AB2124 SHT 2 OF 6



NOTE:

TIMBER DECK SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY.
SUPPLY OF TIMBER DECK IS BY CONTRACTOR.



REV.	DATE	DESCRIPTION	BY	CHK.	APPR.

INFORMATION DISCLOSED HEREIN IS THE PROPERTY OF ACROW CORPORATION OF AMERICA. THIS MATERIAL IS PRIVILEGED AND CONFIDENTIAL. IT IS INTENDED SOLELY FOR THE ADDRESSEE. ANY UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR DISTRIBUTION IS PROHIBITED. DUPLICATION OF ANY PORTION OF THIS DATA SHALL INCLUDE THIS LEGEND. COPYRIGHT ACROW CORP. 2019

SEAL

ACROW
BRIDGE

Building Bridges.
Connecting People.

Acrow Corporation of America
181 New Road, Parsippany, NJ 07054

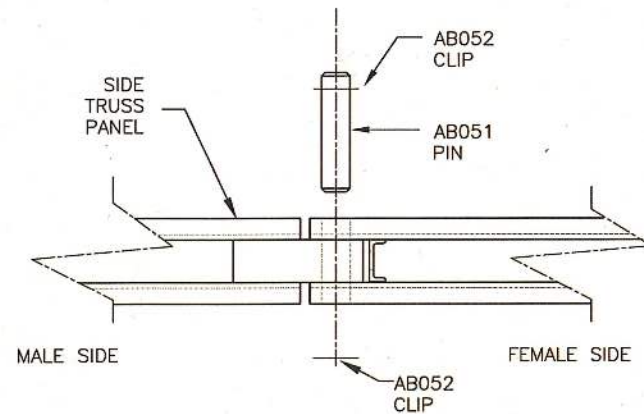
PLAN VIEW, ELEVATION & SECTION
65FT x 8FT SS PEDESTRIAN BRIDGE
BODEN LANE
NATICK, MA

DRAWN BY	DGC	DATE	11/12/19	PROJECT NO.
CHECKED BY	JAB	SCALE:	NTS	19-02-2473
APPROVED BY	JAB			

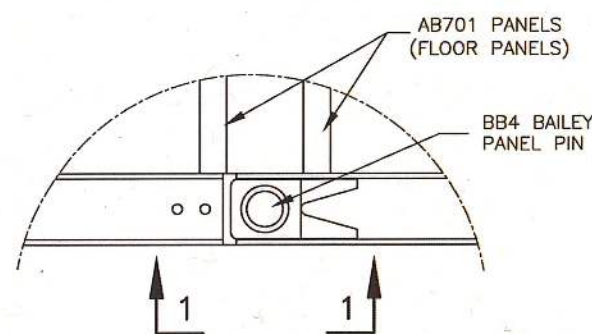
NEL CORPORATION
MIDDLETON, MA

DRAWING NO.
AB2124

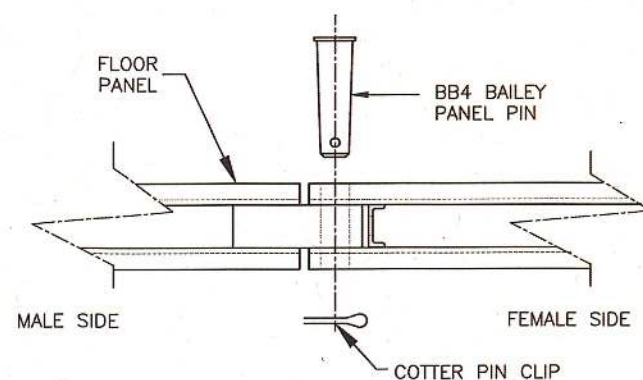
REV.
SHT 3 OF 6



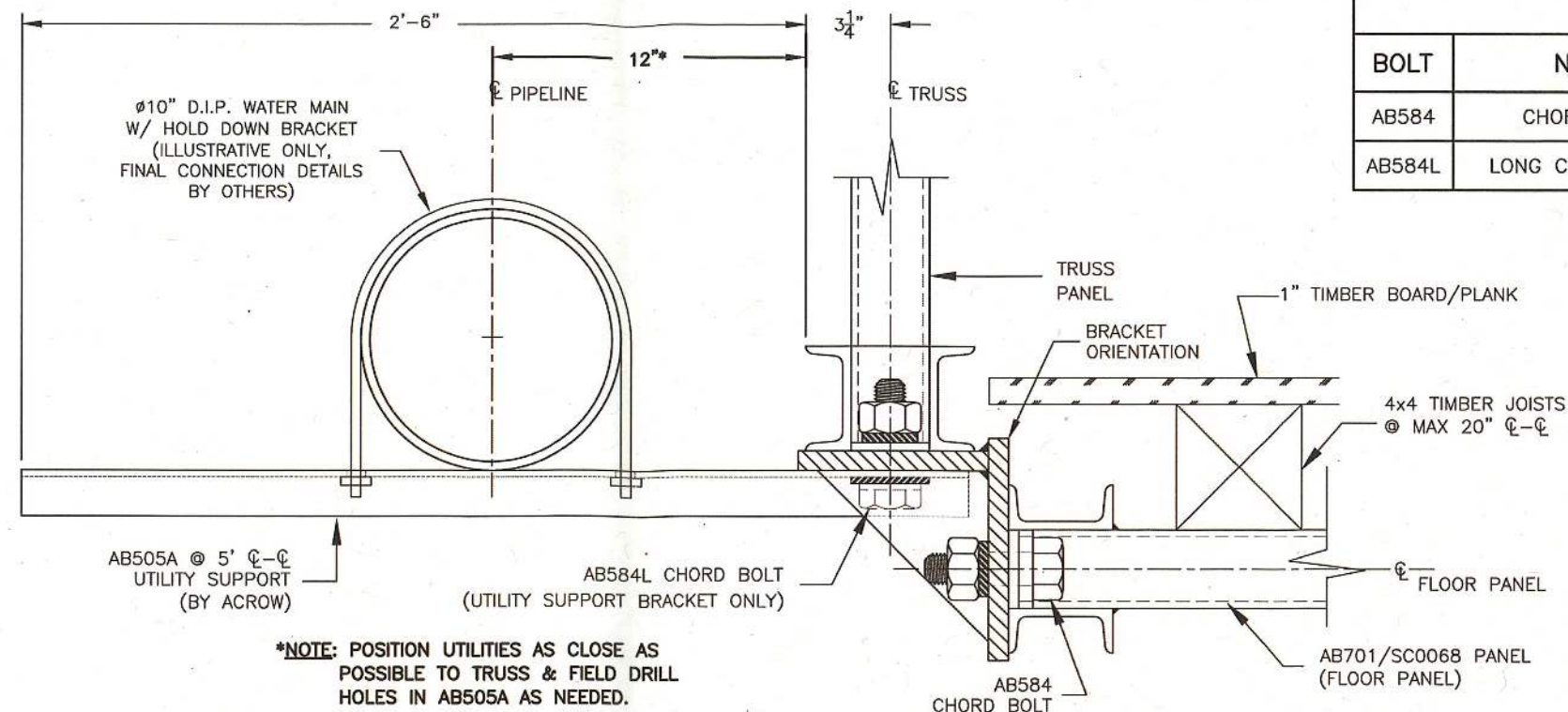
**AB051 PANEL PIN CONNECTION
PLAN**
(TYP. @ TOP & BOTTOM)



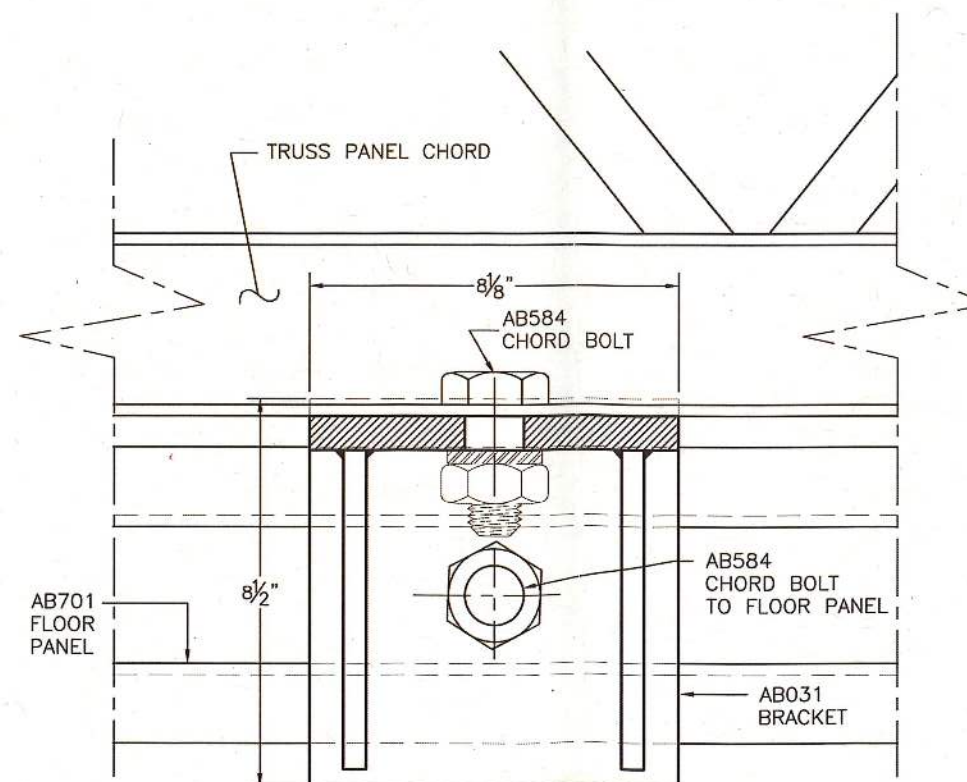
**TYP. CONNECTION AT
AB701 FLOOR PANELS**



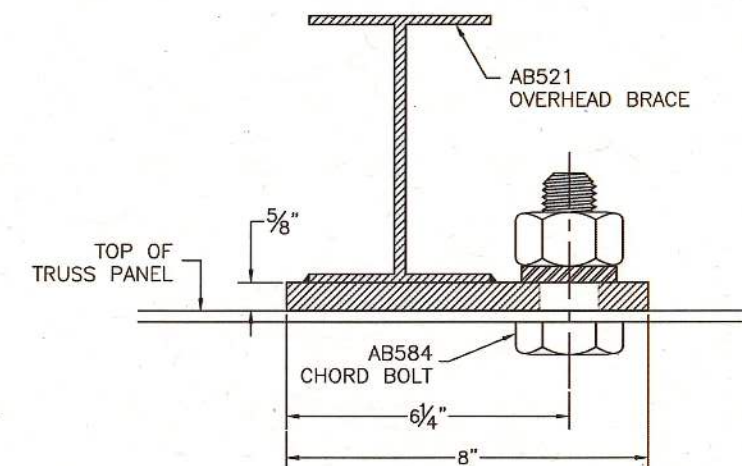
SECTION 1-1



PIPE SUPPORT/ DETAIL C



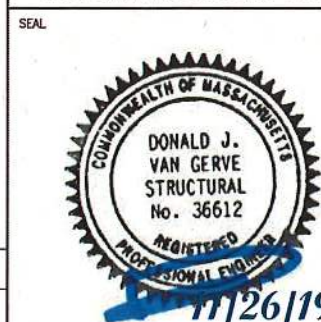
DETAIL A/ AB031 ANGLE BRACKET



DETAIL B

BOLT TABLE			
BOLT	NAME	UNDER HEAD LENGTH $\pm \frac{1}{8}$ "	TORQUE (FT/LBS)
AB584	CHORD BOLT	3- $\frac{1}{2}$ "	650
AB584L	LONG CHORD BOLT	4- $\frac{1}{2}$ "	650

INFORMATION DISCLOSED HEREIN IS THE PROPERTY OF ACROW CORPORATION OF AMERICA. THIS MATERIAL IS PRIVILEGED AND CONFIDENTIAL. IT IS INTENDED SOLELY FOR THE ADDRESSEE. ANY UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR DISTRIBUTION IS PROHIBITED. DUPLICATION OF ANY PORTION OF THIS DATA SHALL INCLUDE THIS LEGEND. COPYRIGHT ACROW CORP. 2019



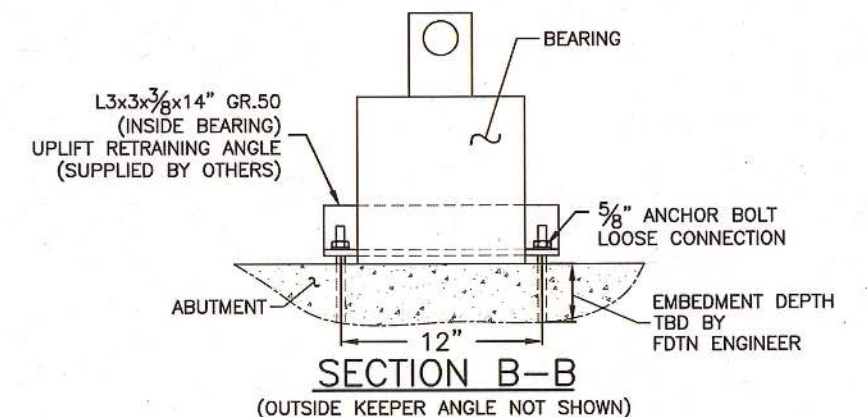
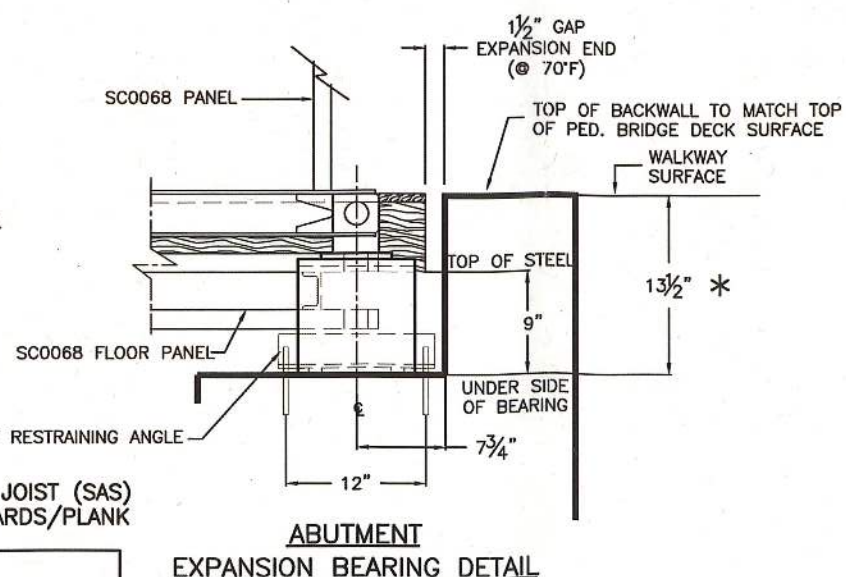
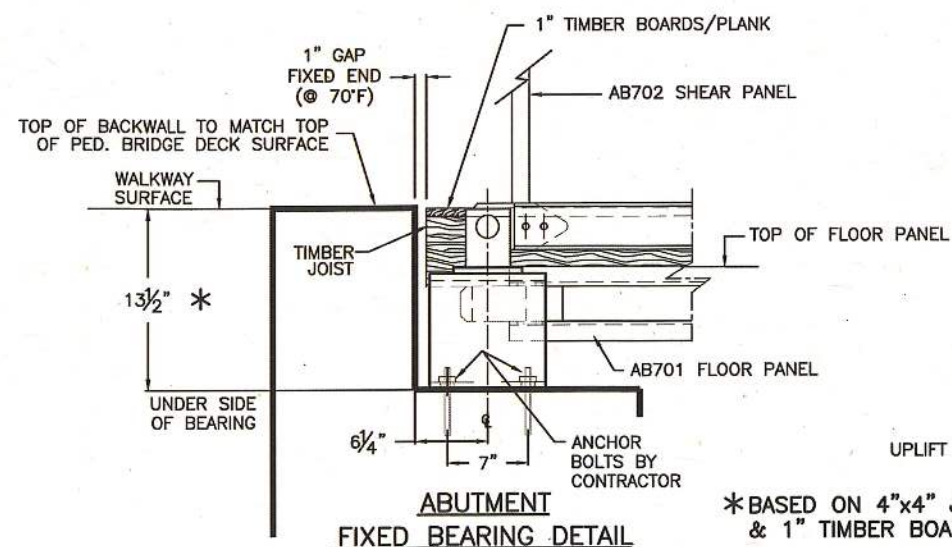
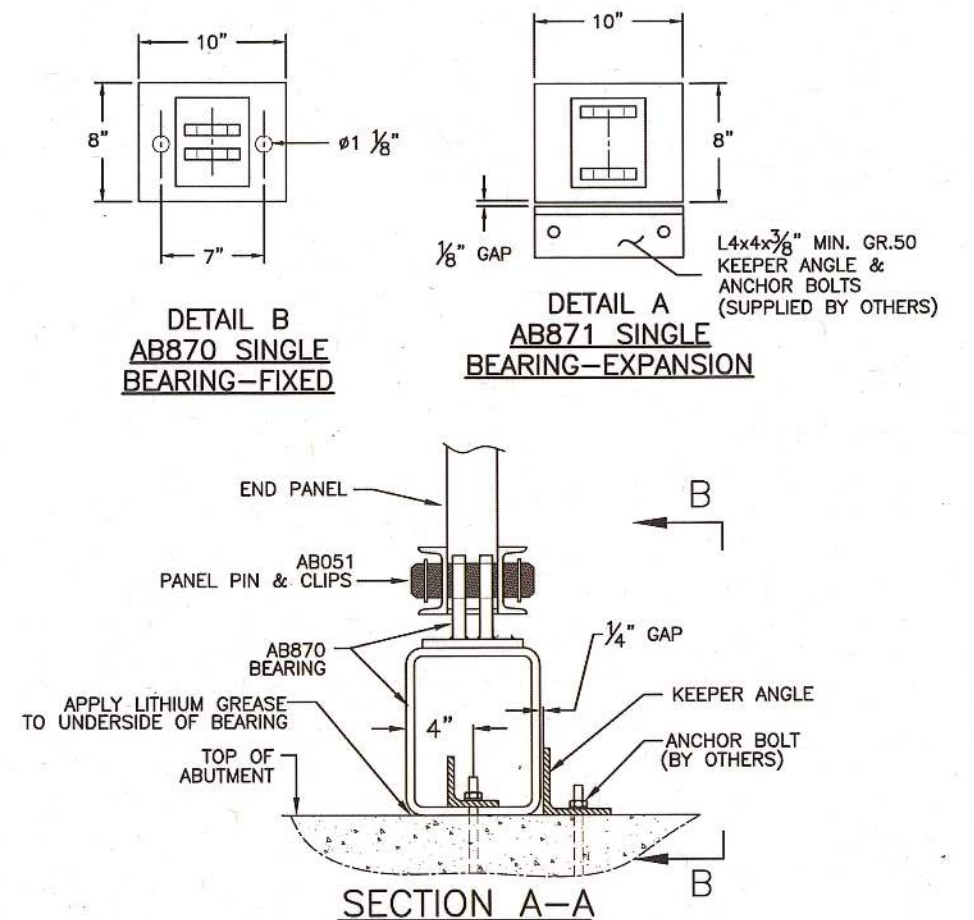
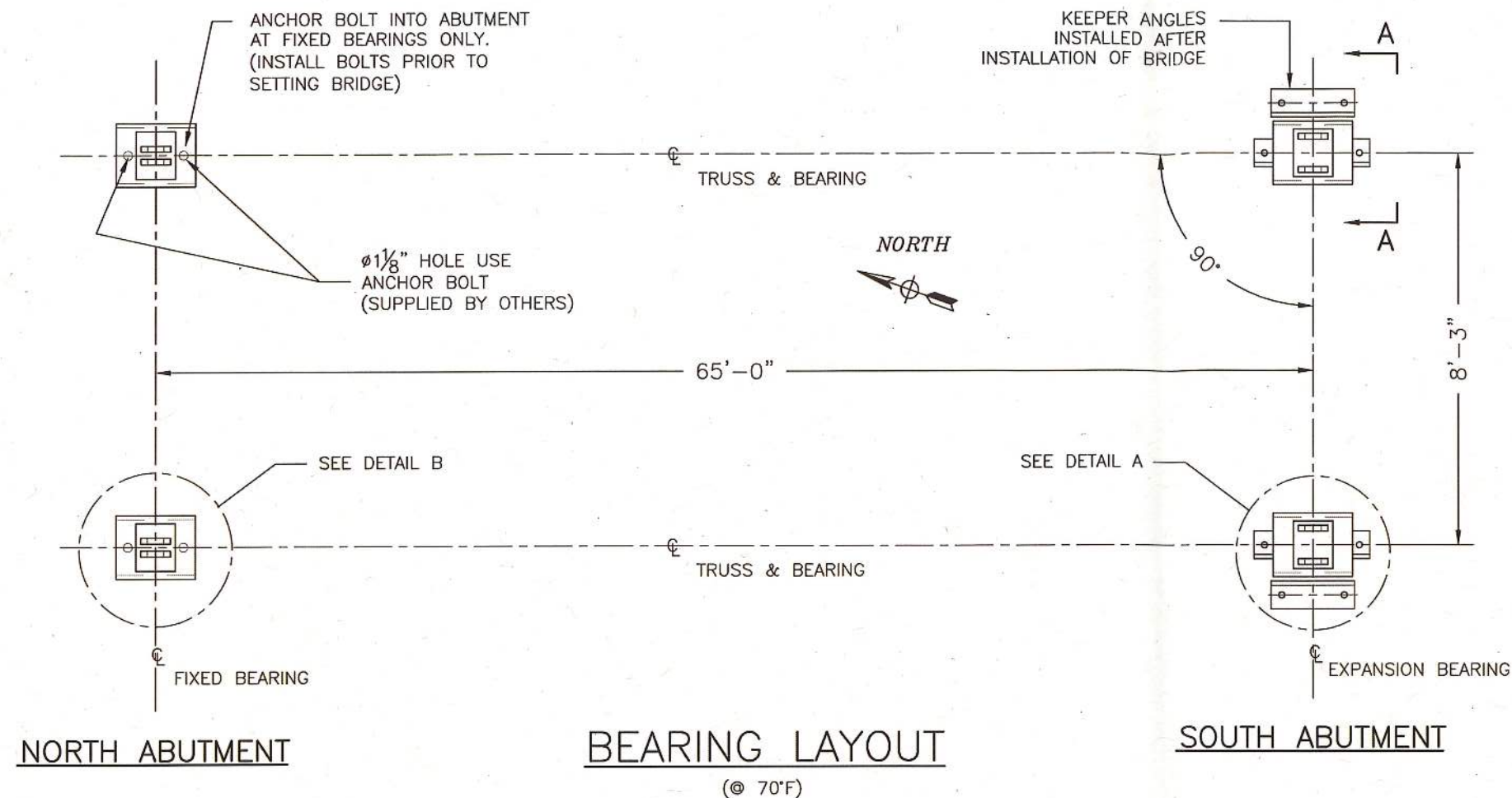
ACROW BRIDGE Building Bridges. Connecting People.
Acrow Corporation of America
181 New Road, Parsippany, NJ 07054

TYPICAL CONNECTION DETAILS
65FT x 8FT SS PEDESTRIAN BRIDGE
BODEN LANE
NATICK, MA

DRAWN BY	DGC	DATE	11/12/19	PROJECT NO.
CHECKED BY	JAB	SCALE: NTS		19-02-2473
APPROVED BY	JAB			

NEL CORPORATION MIDDLETON, MA	DRAWING NO. AB2124	REV.
	SHT 4 OF 6	

REV.	DATE	DESCRIPTION	BY	CHK.	APPR.



NOTE:
FINAL DESIGN AND SUPPLY OF KEEPER ANGLES,
UPLIFT RESTRAINTS, AND ANCHOR BOLTS IS BY OTHERS

*BASED ON 4"x4" JOIST (SAS)
& 1" TIMBER BOARDS/PLANK

INFORMATION DISCLOSED HEREIN IS THE PROPERTY OF ACROW CORPORATION OF AMERICA. THIS MATERIAL IS PRIVILEGED AND CONFIDENTIAL. IT IS INTENDED SOLELY FOR THE ADDRESSEE. ANY UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR DISTRIBUTION IS PROHIBITED. DUPLICATION OF ANY PORTION OF THIS DATA SHALL INCLUDE THIS LEGEND. COPYRIGHT ACROW CORP. 2019

SEAL



ACROW Building Bridges.
Connecting People.
Acrow Corporation of America
181 New Road, Parsippany, NJ 07054

BEARING LAYOUT & DETAILS
65FT x 8FT SS PEDESTRIAN BRIDGE
BODEN LANE
NATICK, MA

DRAWN BY	DGC	DATE	11/12/19	PROJECT NO.
CHECKED BY	JAB	SCALE:	NTS	19-02-2473
APPROVED BY	JAB			

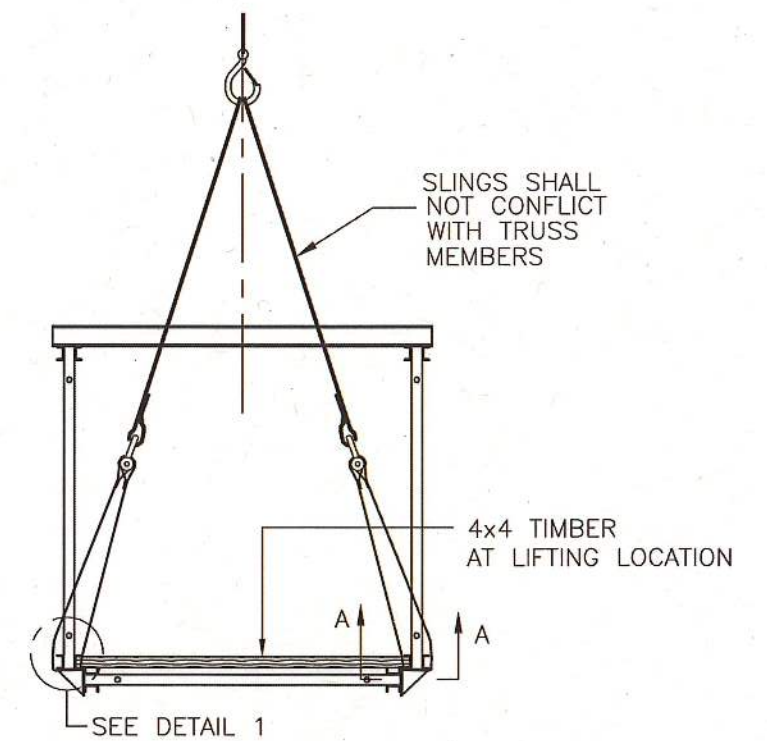
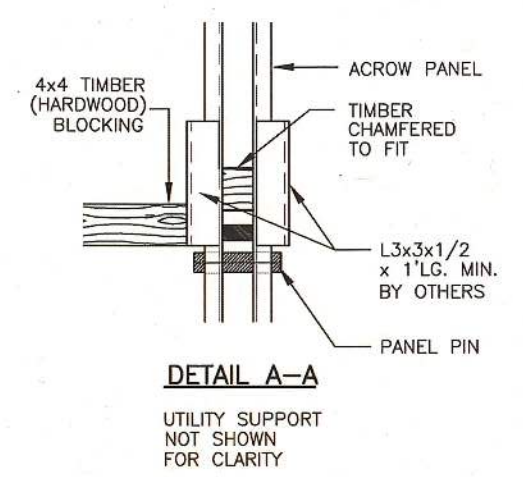
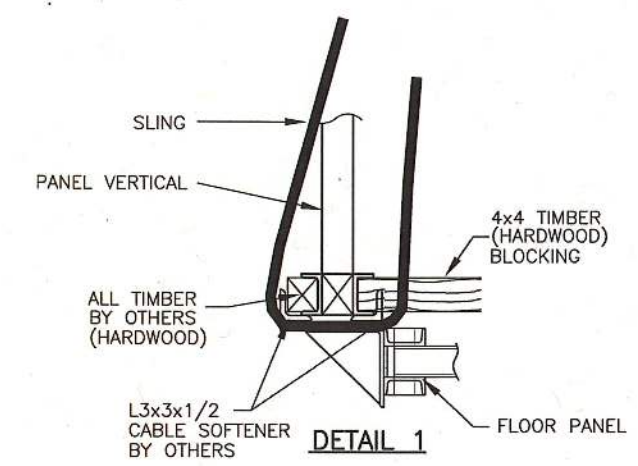
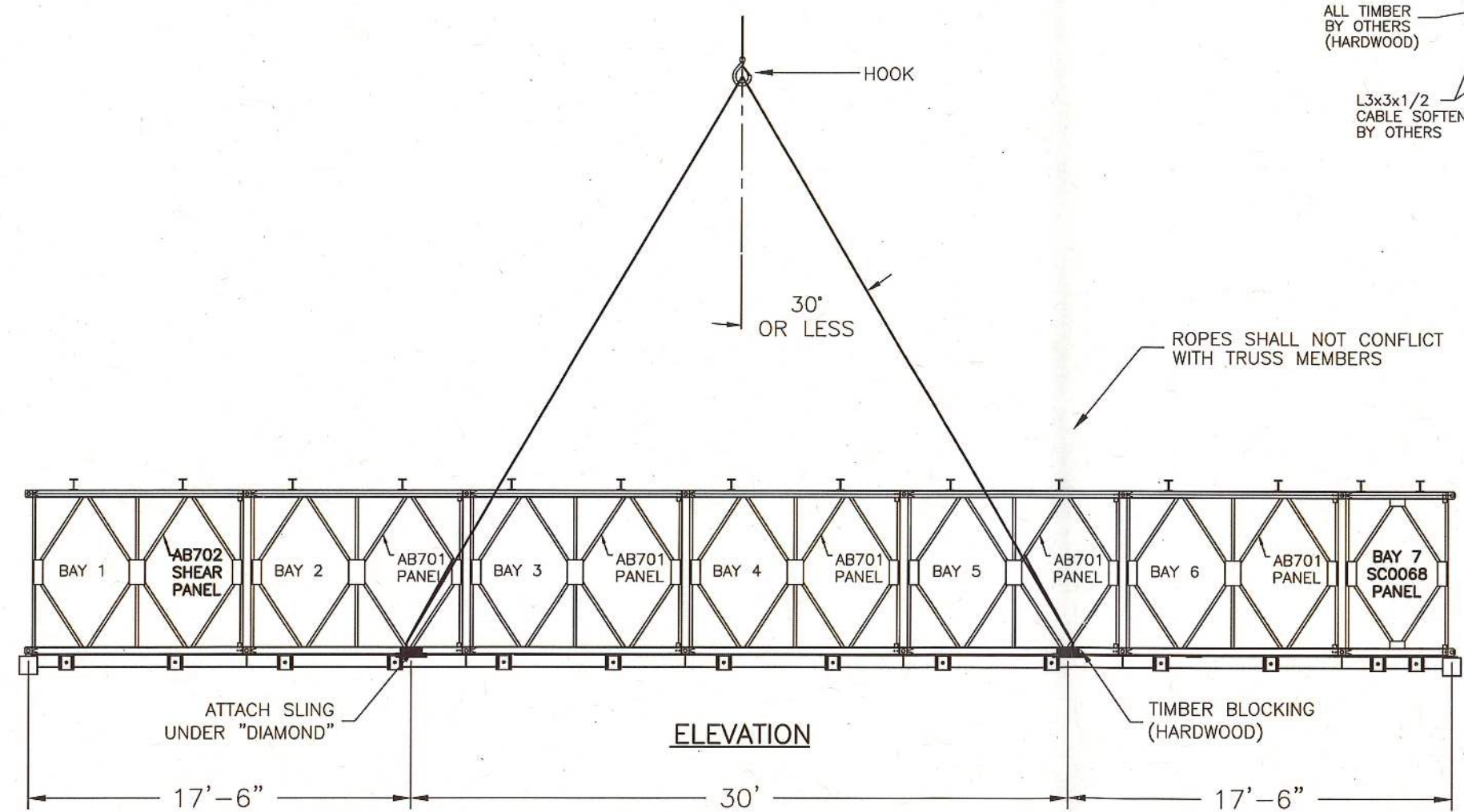
NEL CORPORATION
MIDDLETON, MA

DRAWING NO.
AB2124

REV.
SHT 5 OF 6

REV.	DATE	DESCRIPTION	BY	CHK.	APPR.

NOTE:
CRANE SLINGS, SPREADER BEAM & ATTACHMENTS
SIZED AND PROVIDED BY OTHERS



APPROXIMATE WEIGHT WITHOUT TIMBER DECK
19,000 LBS

CONTRACTOR MUST VERIFY PICK WEIGHT IF
TIMBER DECK IS INSTALLED BEFORE PICK

REV.	DATE	DESCRIPTION	BY	CHK.	APPR.

INFORMATION DISCLOSED HEREIN IS THE PROPERTY OF ACROW CORPORATION OF AMERICA. THIS MATERIAL IS PRIVILEGED AND CONFIDENTIAL. IT IS INTENDED SOLELY FOR THE ADDRESSEE. ANY UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR DISTRIBUTION IS PROHIBITED. DUPLICATION OF ANY PORTION OF THIS DATA SHALL INCLUDE THIS LEGEND. COPYRIGHT ACROW CORP. 2019

11/20/19

SEAL

STATE OF NEW YORK
DONALD VAN GERVE
LICENSED PROFESSIONAL ENGINEER
No. 061109

ACROW Building Bridges.
Connecting People.
B R I D G E
Acrow Corporation of America
161 New Road, Parsippany, NJ 07054

LIFT PLAN
65FT x 8FT SS PEDESTRIAN BRIDGE
BODEN LANE
NATICK, MA

DRAWN BY	DGC	DATE	11/12/19	PROJECT NO.
CHECKED BY	JAB			
APPROVED BY	JAB			

SCALE: NTS

19-02-2473

NEL CORPORATION
MIDDLETON, MA

DRAWING NO.
AB2124

REV.
SHT 6 OF 6

TEMPORARY PEDESTRIAN BRIDGE

TABLE OF CONTENTS

TABLE OF CONTENTS	1
LOCUS MAP	2
GENERAL NOTES	3
LAYOUT OF PED. BRIDGE	4
PLAN VIEW	5
LONGITUDINAL SECTION	6
SECTION A-A	7
EXISTING ABUTMENT — CROSS SECTION VIEW	8
PROPOSED ABUTMENT — CROSS SECTION VIEW	9
BACKWALL AND CONCRETE CAP — PLAN VIEW	10
PARTS LIST OF PEDESTRIAN BRIDGE	11



DISTRICT 3
BRIDGE SECTION

PROJECT: NATICK, N-03-012 BODEN LANE OVER CSX MBTA, TEMPORARY
PEDESTRIAN BRIDGE

SUBJECT: TABLE OF CONTENTS

SHEET: 1 OF 11

DRAWN BY: JON
DATE: 12/14/2019

CHECKED BY: MN
DATE: 12/14/2019

LOCATION: BRIDGE NO. N-03-012



LOCUS MAP

SCALE: $\frac{1}{8}$ " = 1'-0"



**DISTRICT 3
BRIDGE SECTION**

PROJECT: NATICK, N-03-012 BODEN LANE OVER CSX MBTA, TEMPORARY
PEDESTRIAN BRIDGE

SUBJECT: LOCUS MAP

SHEET: 2 OF 11

DRAWN BY: JON

DATE: 12/14/2019

CHECKED BY: MN

DATE: 12/14/2019

GENERAL NOTES:

1. THE WORK SHALL BE DONE IN ACCORDANCE WITH THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES", ENGLISH EDITION, 1988, INCLUDING THE SUPPLEMENTAL SPECIFICATIONS DATED APRIL 1, 2019, THE INTERIM SUPPLEMENTAL SPECIFICATIONS DATED SEPTEMBER 30, 2019, AND THE SPECIAL PROVISIONS OF THIS CONTRACT.
2. THE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER DOCUMENTATION AVAILABLE AT THE TIME OF DESIGN, INCLUDING ORIGINAL BRIDGE DESIGN PLANS. THE CONTRACTOR SHALL FIELD VERIFY ACTUAL FIELD CONDITIONS THAT MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH THE PLANS. ALL MODIFICATIONS TO ADDRESS FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER.
3. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE ACCURACY AND FIT OF THE WORK AND THUS SHALL DETERMINE WHAT MEASUREMENTS ARE REQUIRED. THE CONTRACTOR SHALL DEVELOP SHOP DRAWINGS UTILIZING THE FIELD MEASUREMENTS OF THE ITEMS BEING REPLACED OR REPAIRED. THE CONTRACTOR SHALL NOT ORDER ANY MATERIALS OR BEGIN FABRICATIONS UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY THE ENGINEER.
4. AREAS OUTSIDE THE LIMITS OF THE PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF ALL EXISTING MATERIALS TO BE REMOVED FROM THE STRUCTURE AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE SPECIFICATIONS.
6. THE EXISTING BRIDGE PLANS ARE AVAILABLE FOR REVIEW AT THE OFFICE OF THE BRIDGE DESIGN SECTION, ROOM NO. 6430, MASSDOT – HIGHWAY DIVISION 10 PARK PLAZA, BOSTON, MA 02116.



**DISTRICT 3
BRIDGE SECTION**

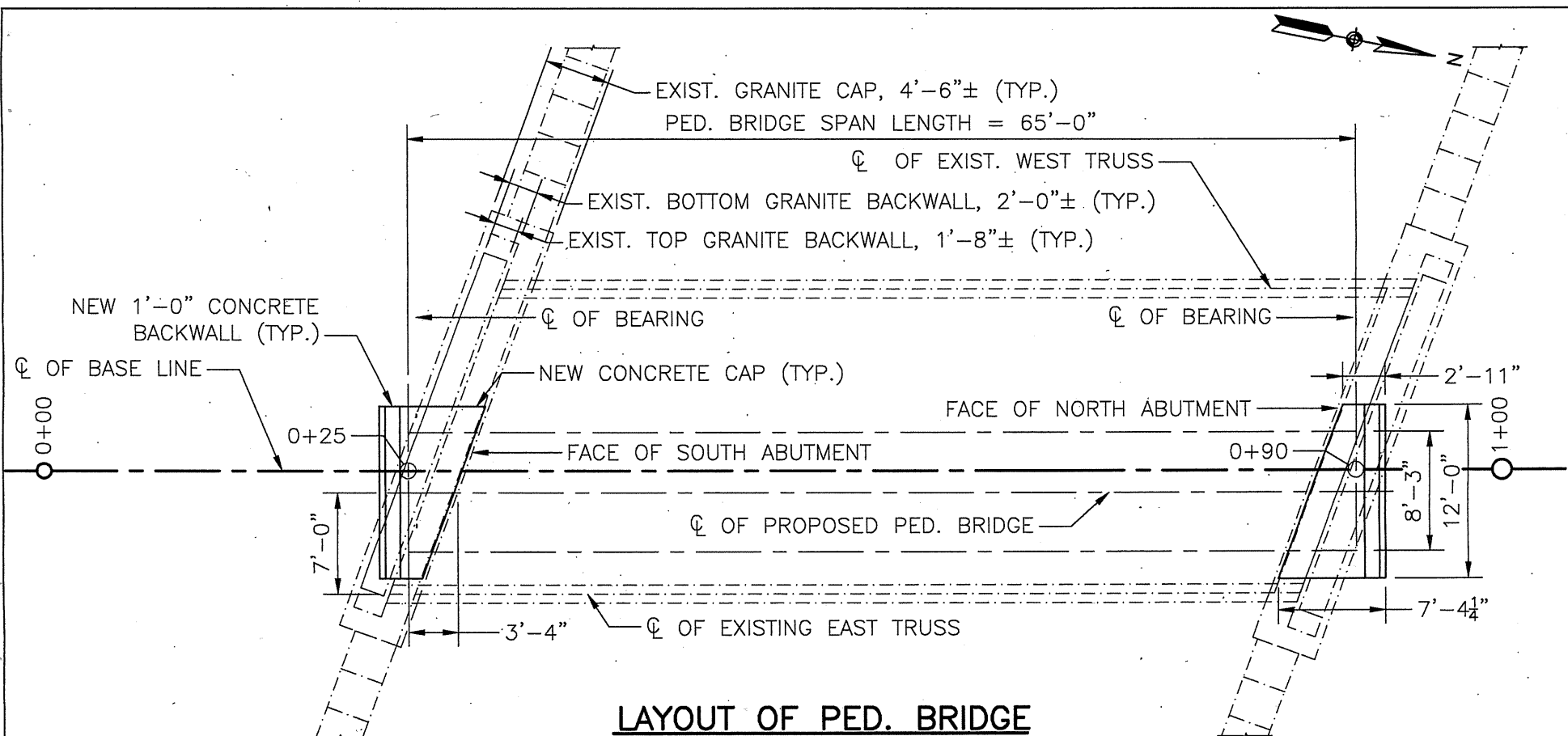
PROJECT: NATICK, N-03-012 BODEN LANE OVER CSX MBTA, TEMPORARY
PEDESTRIAN BRIDGE

SUBJECT: GENERAL NOTES

SHEET: 3 OF 11

DRAWN BY: JON
DATE: 12/14/2019

CHECKED BY: MN
DATE: 12/14/2019



LAYOUT OF PED. BRIDGE

SCALE: $\frac{3}{32}$ " = 1'-0"

NOTES:

1. ESTABLISH CENTER LINE OF THE EXISTING EAST TRUSS, PROJECT ON APPROACHES.
2. ESTABLISH THE CONSTRUCTION BASELINE FOR THE PED. BRIDGE AS AN 8'-6" LEFT OFFSET OF THE PROJECTED CENTER LINE OF EAST TRUSS.
3. ESTABLISH INTERSECTION OF THE CENTER LINE OF THE PED. BRIDGE WITH ITS CENTER LINE OF BEARING OVER THE SOUTH ABUTMENT BY MEASURING 3'-5" BACK FROM FACE OF EXISTING GRANITE ABUTMENT ALONG THE BASE LINE, SET STATION 0+25.
4. SET STATION 0+00 ON THE SOUTH APPROACH, STATION 0+90 (INTERSECTION OF CENTER LINE OF BEARING AND BASE LINE ON NORTH ABUTMENT) AND STATION 1+00 ON NORTH APPROACH.



**DISTRICT 3
BRIDGE SECTION**

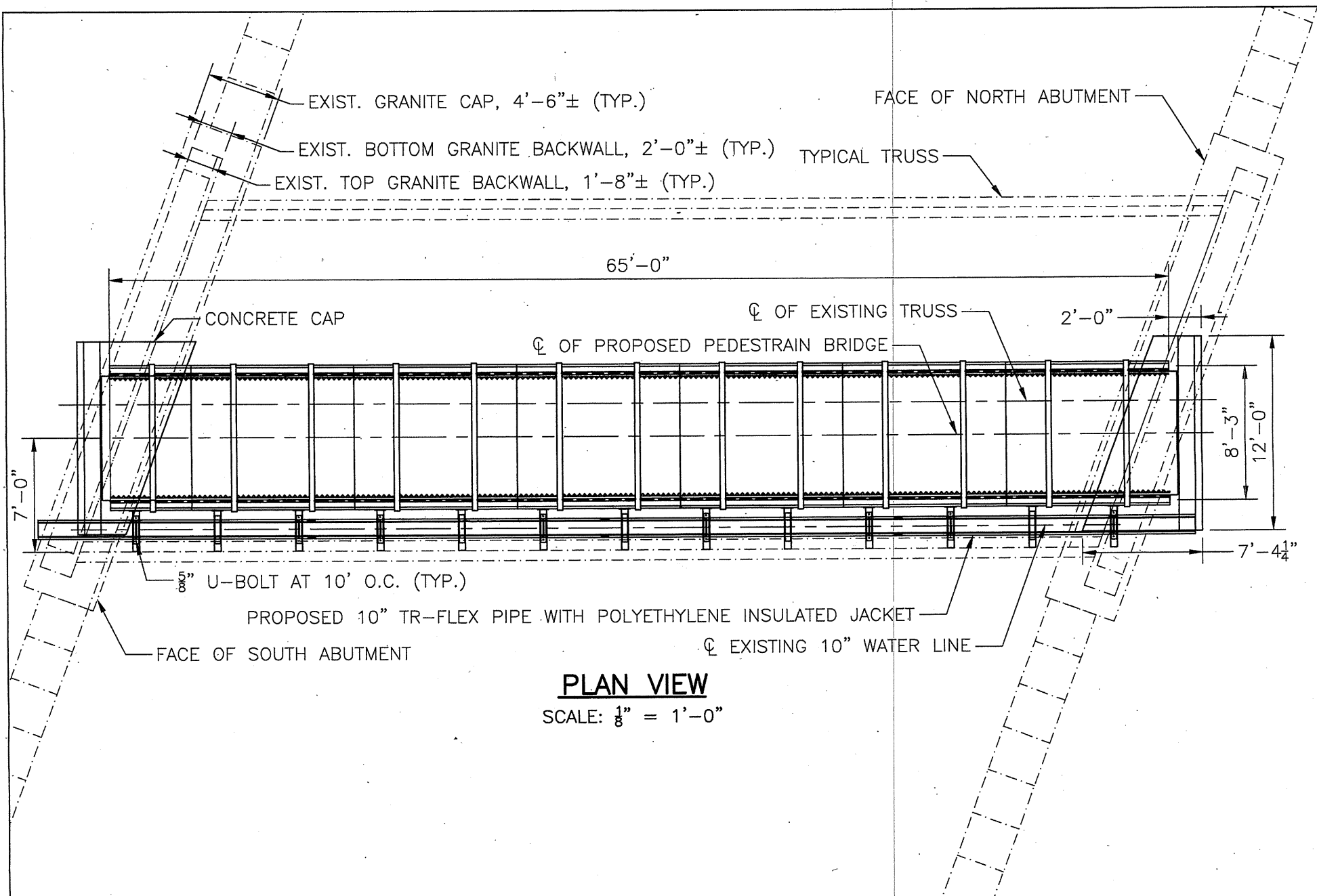
PROJECT: NATICK, N-03-012 BODEN LANE OVER CSX MBTA, TEMPORARY
PEDESTRIAN BRIDGE

SUBJECT: LAYOUT OF PED. BRIDGE

SHEET: 4 OF 11

DRAWN BY: JON
DATE: 12/14/2019

CHECKED BY: MN
DATE: 12/14/2019



DISTRICT 3
BRIDGE SECTION

PROJECT: NATICK, N-03-012 BODEN LANE OVER CSX MBTA, TEMPORARY
PEDESTRIAN BRIDGE

SUBJECT: PLAN VIEW

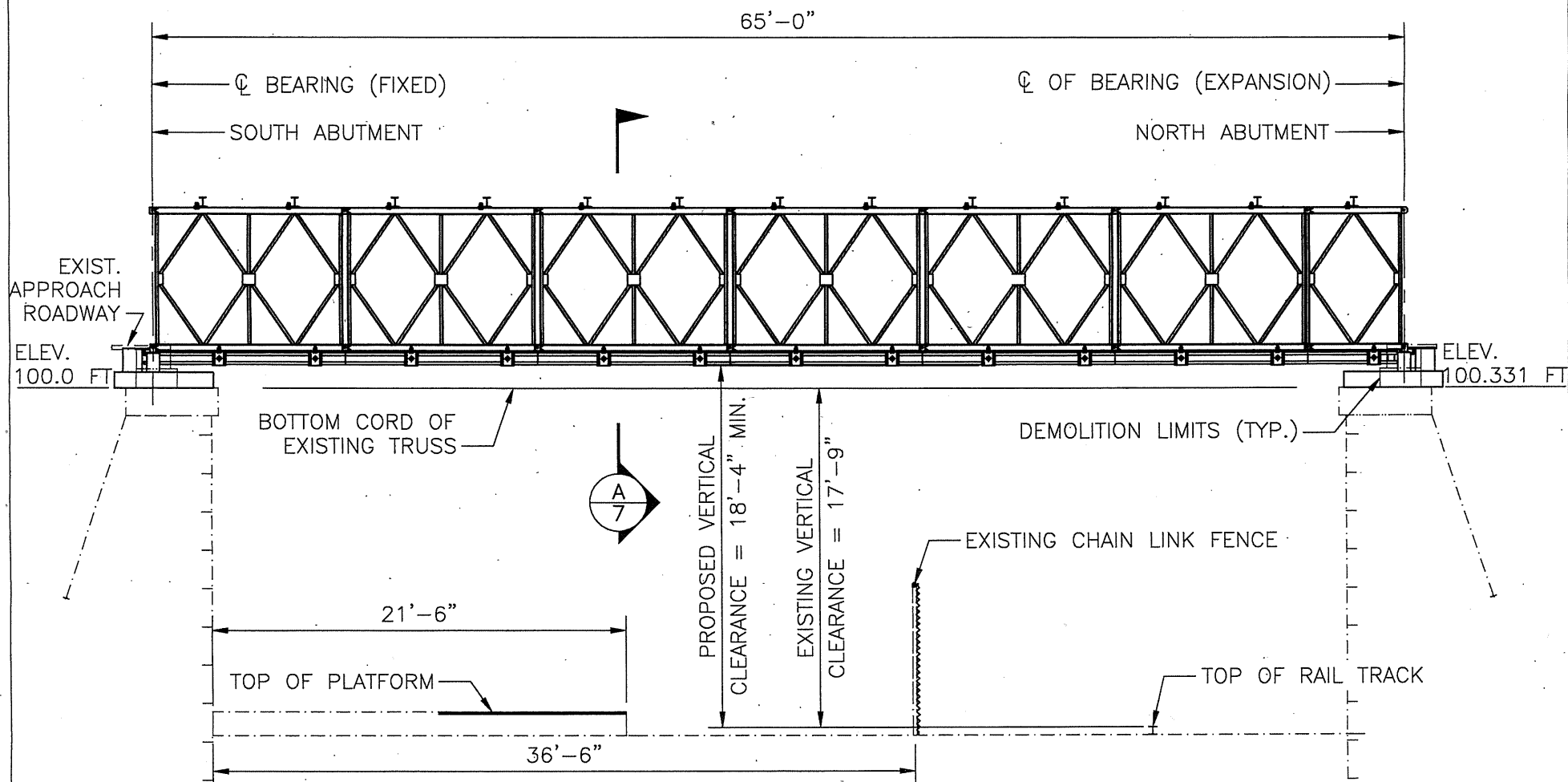
SHEET: 5 OF 11

DRAWN BY: JON

DATE: 12/14/2019

CHECKED BY: MN

DATE: 12/14/2019



LONGITUDINAL SECTION

SCALE: $\frac{1}{8}" = 1'-0"$



DISTRICT 3
BRIDGE SECTION

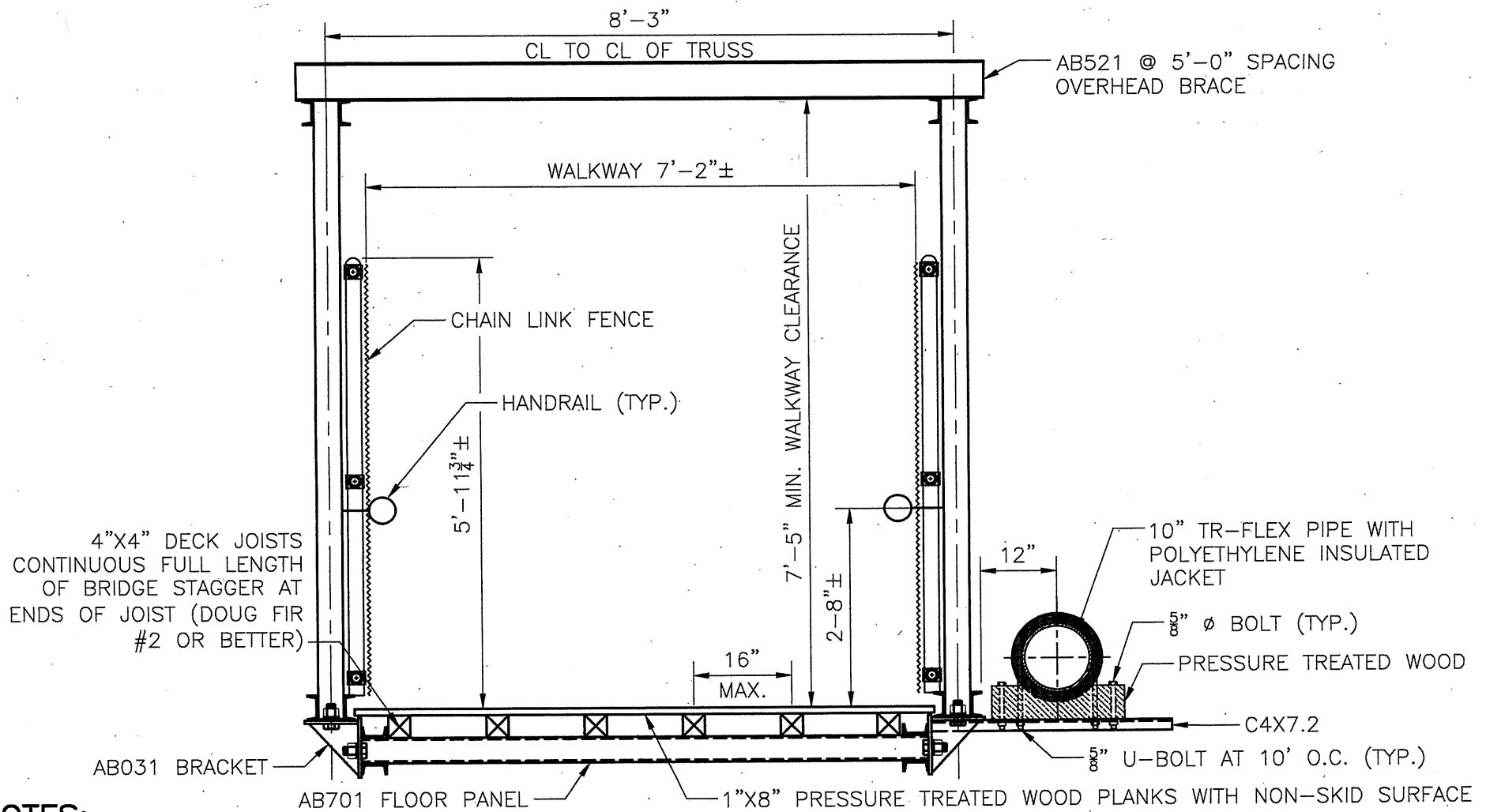
PROJECT: NATICK, N-03-012 BODEN LANE OVER CSX MBTA, TEMPORARY
PEDESTRIAN BRIDGE

SUBJECT: LONGITUDINAL SECTION

SHEET: 6 OF 11

DRAWN BY: JON
DATE: 12/14/2019

CHECKED BY: MN
DATE: 12/14/2019

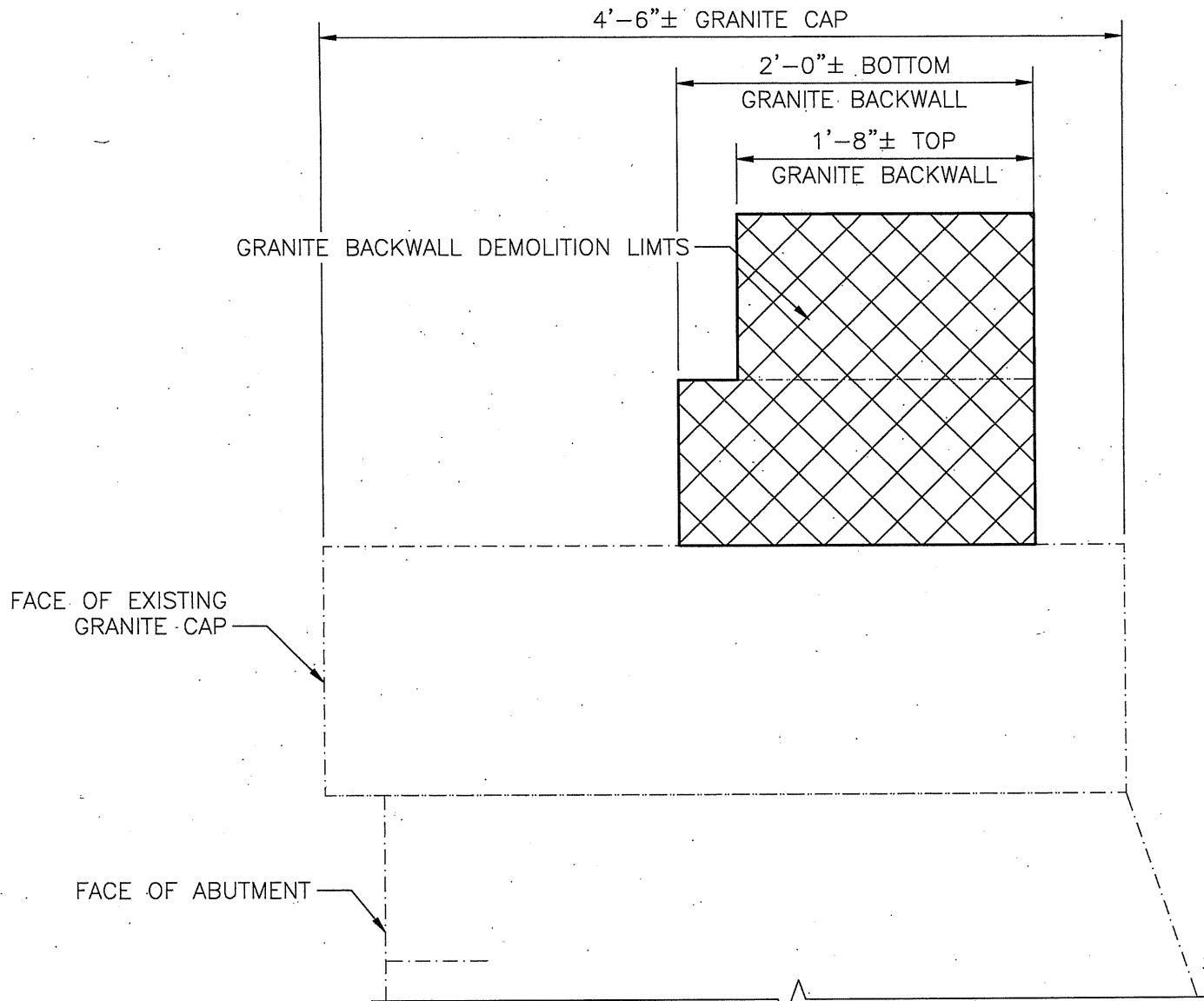


NOTES:

1. CHAIN LINK FENCE AND HAND RAIL DIMENSIONS SHOWN ARE ILLUSTRATION PURPOSES ONLY.
2. A BLOW OFF AIR TAP ON THE TOP OF THE PIPE ON THE SECTION SUPPORTED BY THE BRIDGE WILL BE REQUIRED.
3. THE PIPE SHALL BE FULLY PRESSURE TESTED, DISINFECTED, FLUSHED, AND TESTED FOR BACTERIA PRIOR TO PLACING IN SERVICE.

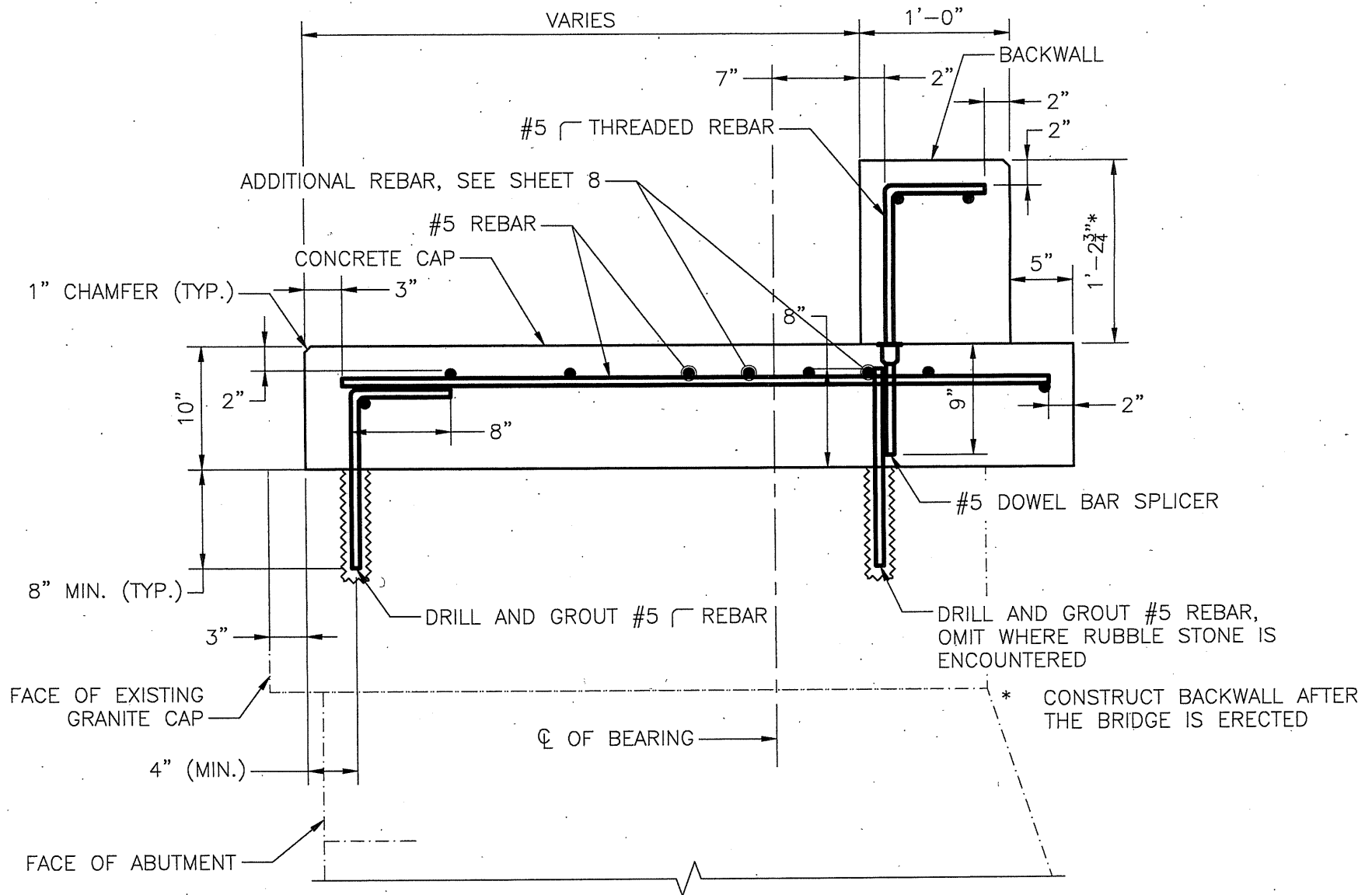
SECTION A-A

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



EXISTING ABUTMENT — CROSS SECTIONAL VIEW

SCALE: 1" = 1'-0"



PROPOSED ABUTMENT - CROSS SECTIONAL VIEW

SCALE: 1" = 1'-0"



DISTRICT 3
BRIDGE SECTION

PROJECT: NATICK, N-03-012 BODEN LANE OVER CSX MBTA, TEMPORARY
PEDESTRIAN BRIDGE

SUBJECT: ABUTMENT - CROSS SECTION VIEW

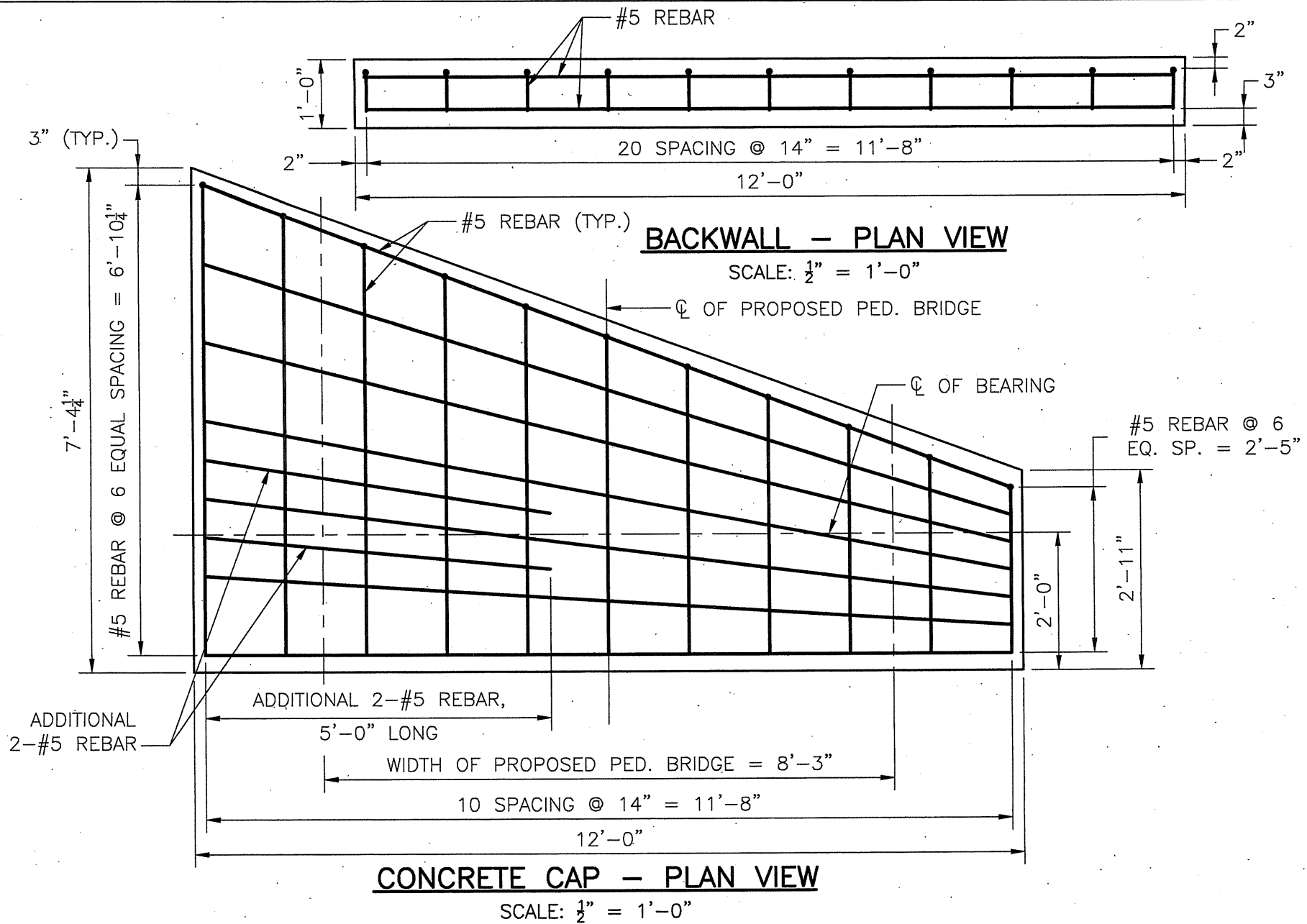
SHEET: 9 OF 11

DRAWN BY: JON

DATE: 12/14/2019

CHECKED BY: MN

DATE: 12/14/2019



**DISTRICT 3
BRIDGE SECTION**

PROJECT: NATICK, N-03-012 BODEN LANE OVER CSX MBTA, TEMPORARY
PEDESTRIAN BRIDGE

SUBJECT: BACKWALL AND CONCRETE CAP — PLAN VIEW

SHEET: 10 OF 11

DRAWN BY: JON

DATE: 12/14/2019

CHECKED BY: MN

DATE: 12/14/2019

PARTS LIST [ACROW 700XS SINGLE-SINGLE 8-FT PEDESTRIAN BRIDGE]

SPAN LENGTH = 65' 0"

PART NO.	PART DESCRIPTION	WT. (LBS.)	QTY.	SOURCE
AB031	PEDESTRIAN BRIDGE ANGLE BRACKET	33	28	ACROW
AB051	PANEL PIN	6	24	ACROW
AB052	SAFTEY CLIP	0.01	64	ACROW
AB521	OVERHEAD BRACE	105	16	ACROW
AB584	CHORD BOLT	2.25	96	ACROW
AB584L	CHORD BOLT (LONG)	2.3	13	ACROW
AB701	PANEL	693	16	NEWBURY
AB702	SHEAR PANEL	896	3	NEWBURY
SC0068	5' SHEAR PANEL	577	3	ACROW
AB870	MALE PED. BEARING BLOCK	55	2	ACROW
AB871	FEMALE PED. BEARING BLOCK	55	2	ACROW
BBPIN	BAILEY PIN W/COTTER PIN	8	14	ACROW
AB505A	UTILITY BRACKET	40	14	ACROW



**DISTRICT 3
BRIDGE SECTION**

PROJECT: NATICK, N-03-012 BODEN LANE OVER CSX MBTA, TEMPORARY
PEDESTRIAN BRIDGE

SUBJECT: PARTS LIST OF PEDESTRIAN BRIDGE

SHEET: 11 OF 11
DRAWN BY: JON
DATE: 12/14/2019
CHECKED BY: MN
DATE: 12/14/2019

FHWA DIV.NO.	STATE	FED.AID PROJ.NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	MASS.				

GENERAL NOTES

DESIGN

IN ACCORDANCE WITH THE 1989 SPECIFICATIONS OF A.A.S.H.T.O WITH
CURRENT INTERIM SPECIFICATIONS THROUGH 1992 FOR H-15-44 LOADING

BENCH MARK

ELEVATION IS BASED ON THE USC AND G.S MEAN SEA LEVEL DATUM OF 1929

TRAFFIC

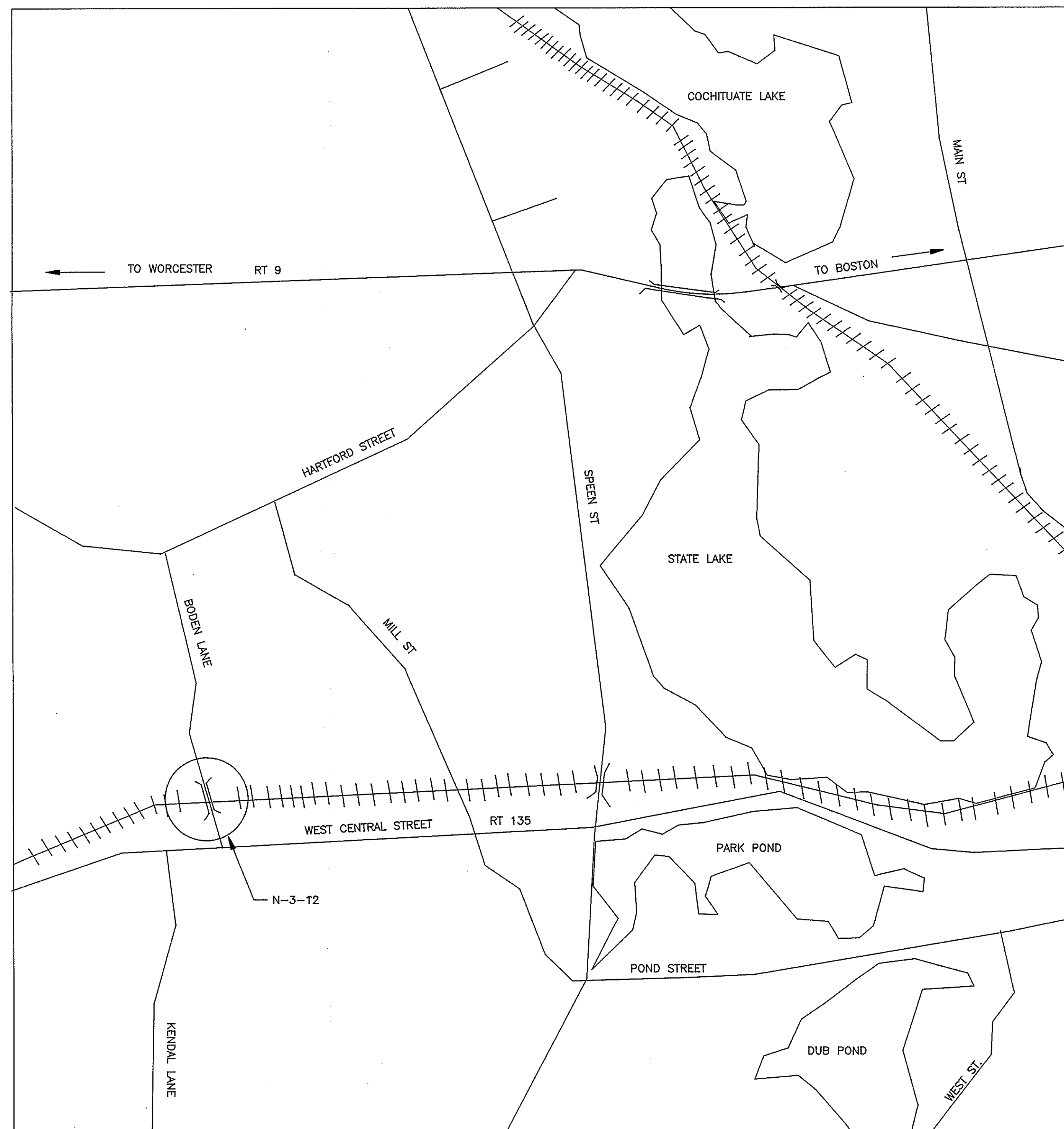
THE BRIDGE IS PRESENTLY CLOSED TO VEHICULAR TRAFFIC. THE BRIDGE WILL BE
CLOSED TO PEDESTRIAN AND VEHICULAR TRAFFIC DURING CONSTRUCTION. THE
CONTRACTOR WILL NOT CLOSE THE BRIDGE TO PEDESTRIAN TRAFFIC UNTIL HE HAS
ALL MATERIAL ON HAND FOR CONSTRUCTION.

EXISTING CONDITIONS

DIMENSIONS SHOWN OF EXISTING DETAILS ARE TAKEN FROM FIELD
SKETCHES AND ARE NOT GUARANTEED.THE CONTRACTOR SHALL
DETERMINE AND ESTABLISH ALL DIMENSIONS AND EXISTING DETAILS
NECESSARY FOR COMPLETION OF ALL WORK BY FIELD MEASUREMENT AND
SURVEY.THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY AND
ADEQUACY THEREOF,AND SHALL NOT ORDER ANY MATERIAL OR COMMENCE ANY
FABRICATION UNTIL HE HAS MADE THE REQUIRED MEASUREMENTS ON THE
ACTUAL STRUCTURE AND THE EXTENT OF THE PROPOSED WORK HAS BEEN
APPROVED BY THE ENGINEER.UNLESS OTHERWISE NOTED,EXISTING STRUCTURE
IS SHOWN AS THUS ----

STRUCTURAL STEEL

ALL STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM
DESIGNATION A-36 EXCEPT AS NOTED. ALL WELDING SHALL CONFORM TO THE
RELEVANT PROVISIONS OF ANSI/AASHTO/AWS D1.5-88,BRIDGE WELDING CODE.

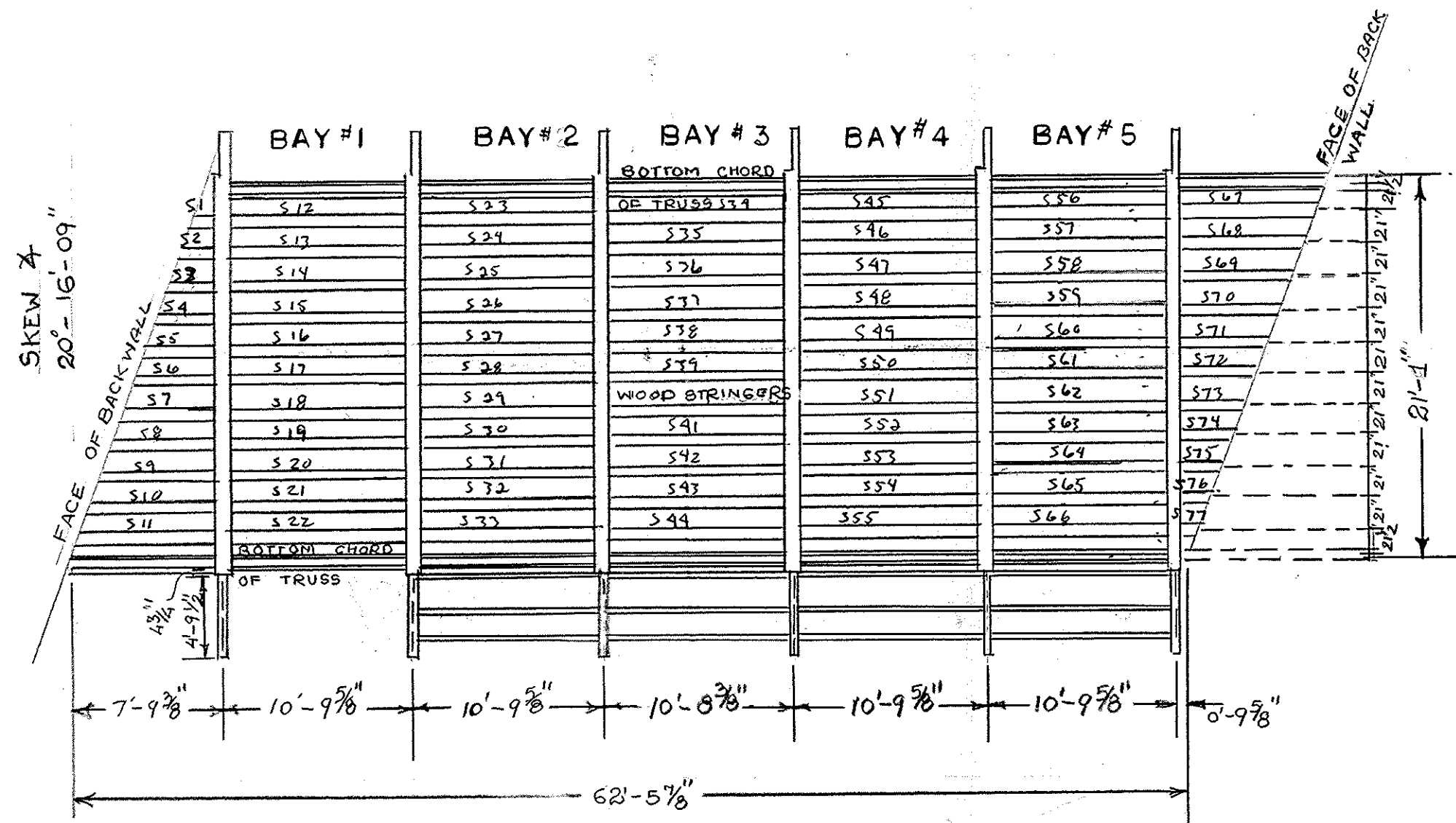


LOCUS PLAN

DESIGNED BY	ISSUED FOR CONSTRUCTION
BHARAT PATEL	THE COMMONWEALTH OF MASSACHUSETTS PROPOSED DECK REPLACEMENT
DRAWN BY BHARAT PATEL	
CHECKED BY	
APPROVED FOR	NATICK
DESIGN	BODEN LANE OVER CONRAIL
SPECS	SCALE AS NOTED OFFICE OF MASSACHUSETTS HIGHWAY DEPARTMENT 10 PARK PLAZA,BOSTON,MASS.
	8/16/88 DATE <i>[Signature]</i> MAINTENANCE ENGINEER

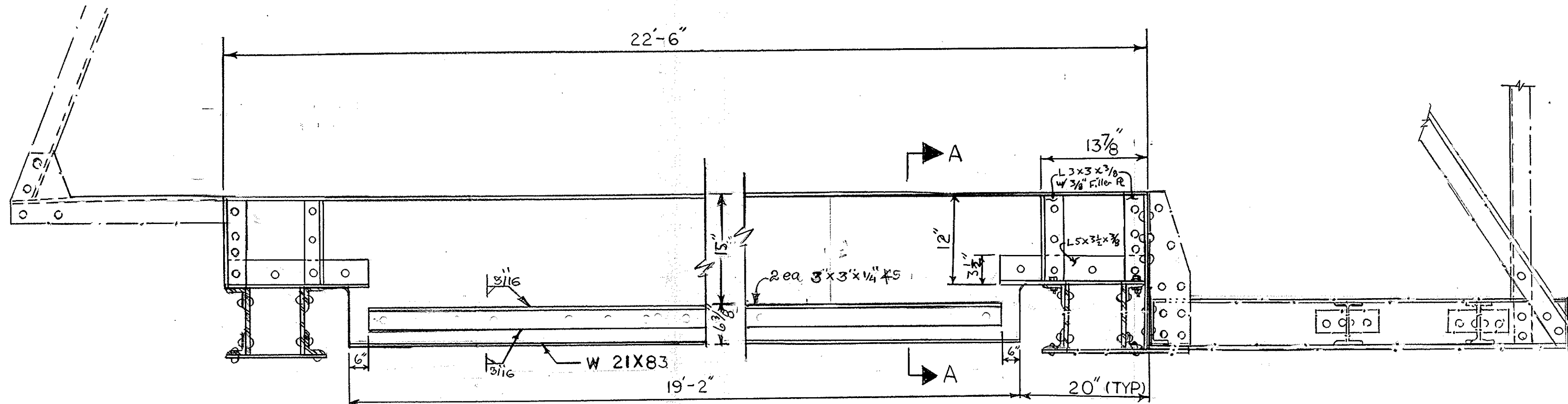
STRINGER LENGTHS

STRINGERS	LENGTHS	STRINGERS	LENGTHS
S-11S-77	16"	S-12 THRU S-33	10'-9 1/8"
S-21S-76	23"	AND	
S-31S-75	2'-6"	S-45 THRU S-66	
S-41S-74	3'-1"	S-34 THRU S-44	10'-7 7/8"
S-51S-73	3'-8"	NOTE: CONFIRM ALL LENGTHS IN THE FIELD.	
S-61S-72	4'-3"		
S-71S-71	4'-10"		
S-81S-70	5'-5"		
S-91S-69	6'-0"		
S-101S-68	6'-7"		
S-111S-67	7'-2"		



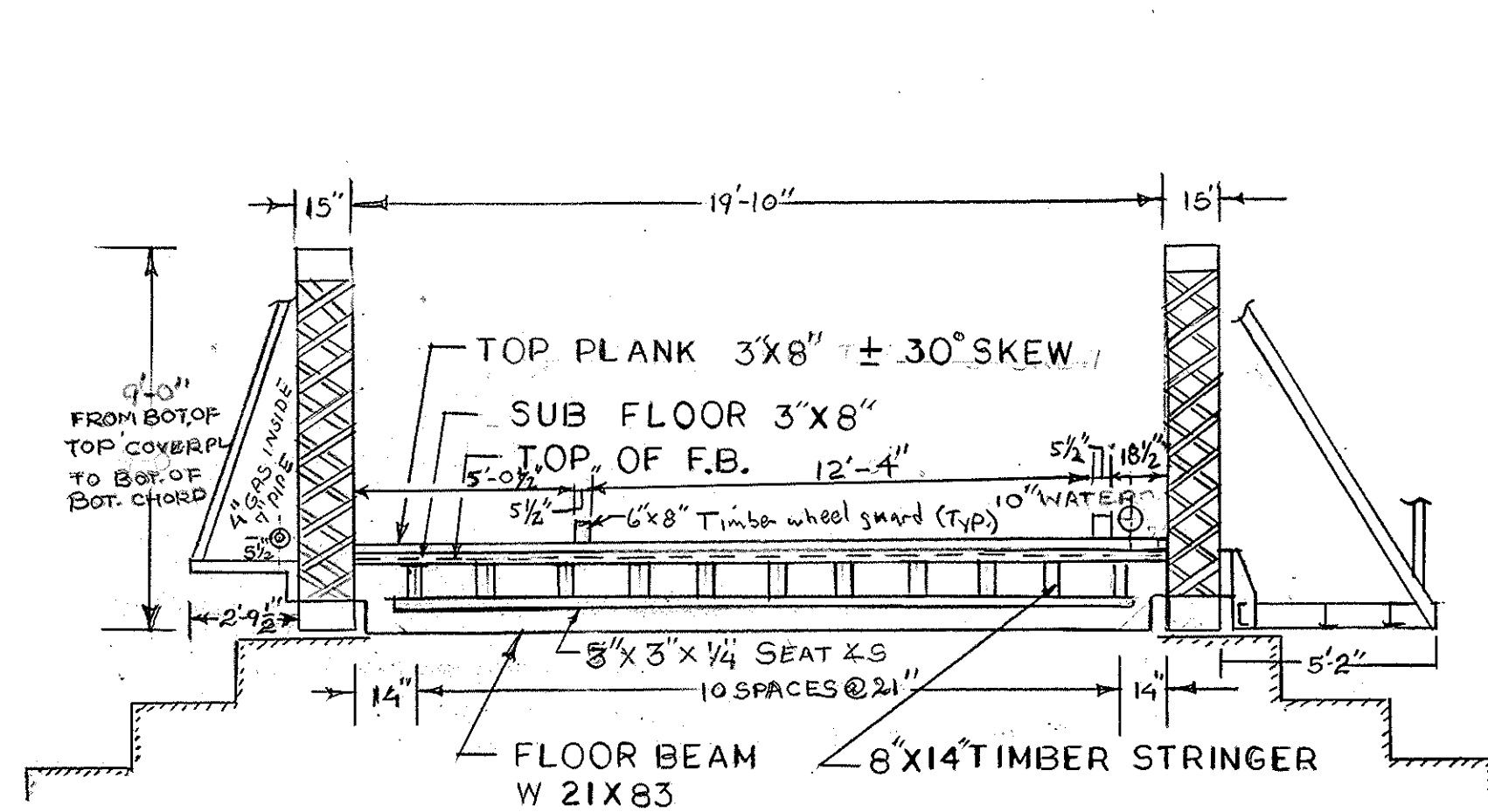
PLAN VIEW STRINGERS

SCALE: 1/8" = 1'-0"



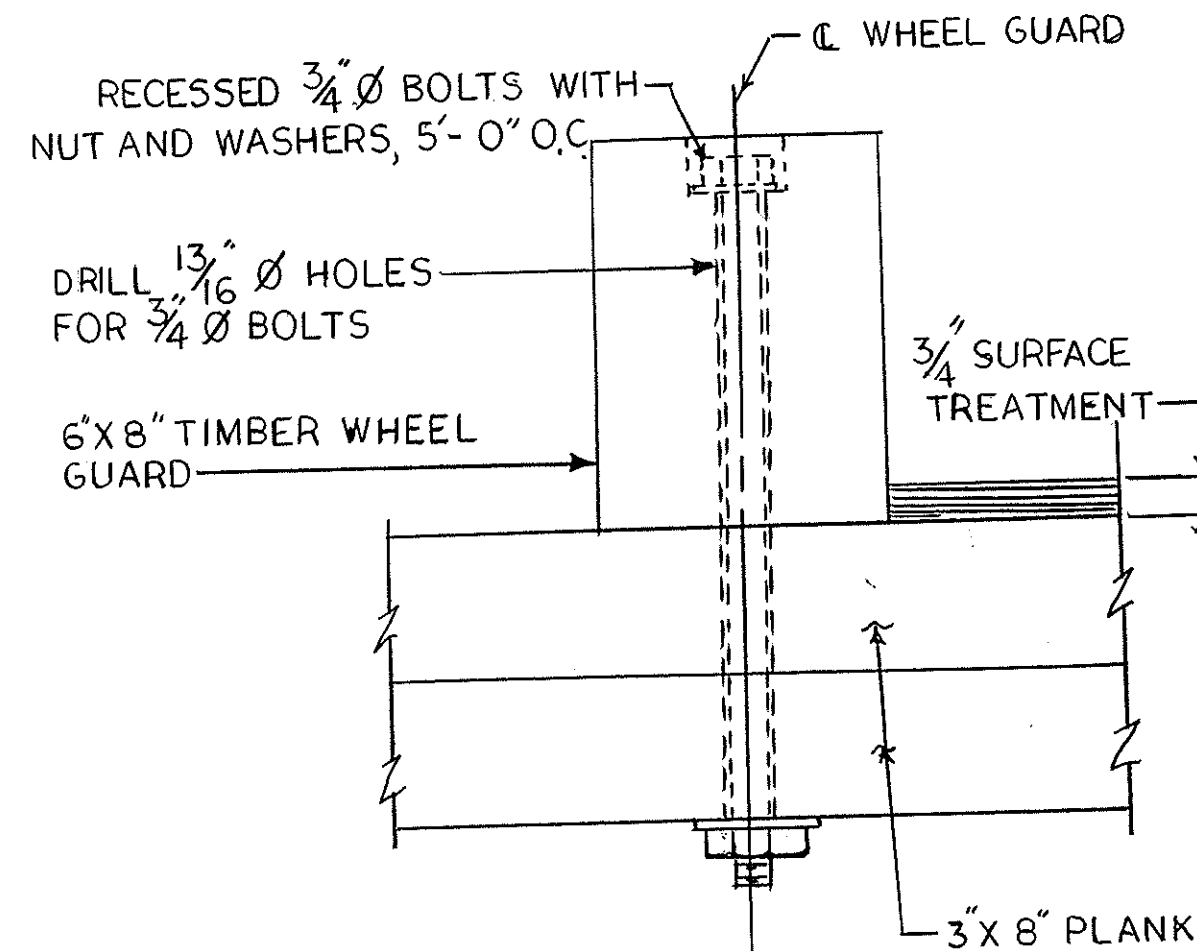
FLOOR BEAM

SCALE: 1" = 1'-0"



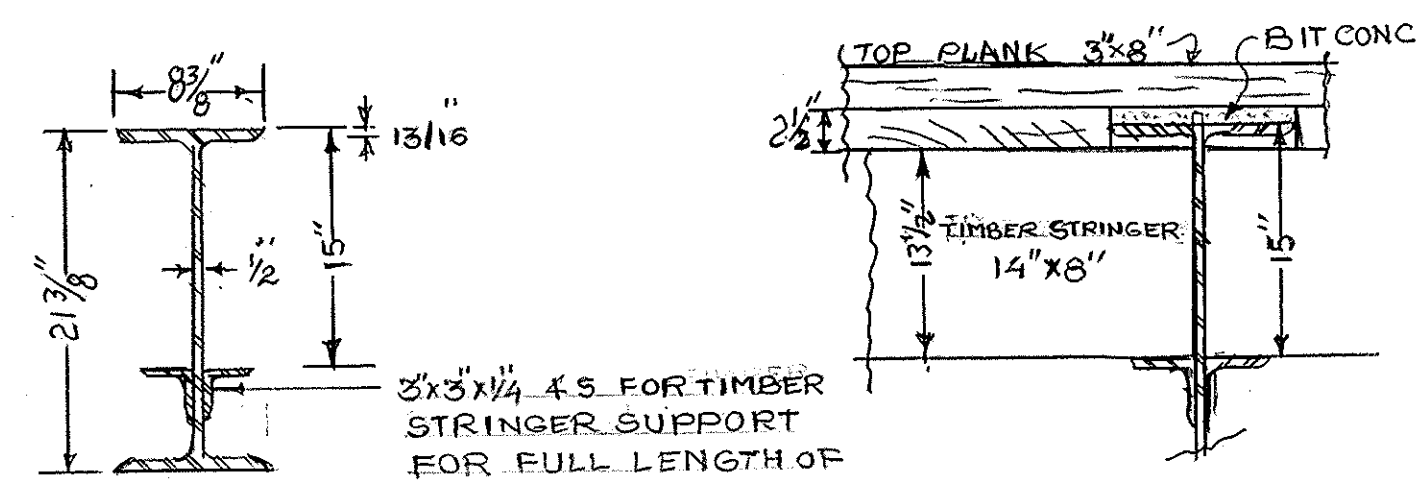
X - SECTION

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



WHEEL GUARD DETAILS

SCALE: 3/4" = 1'-0"



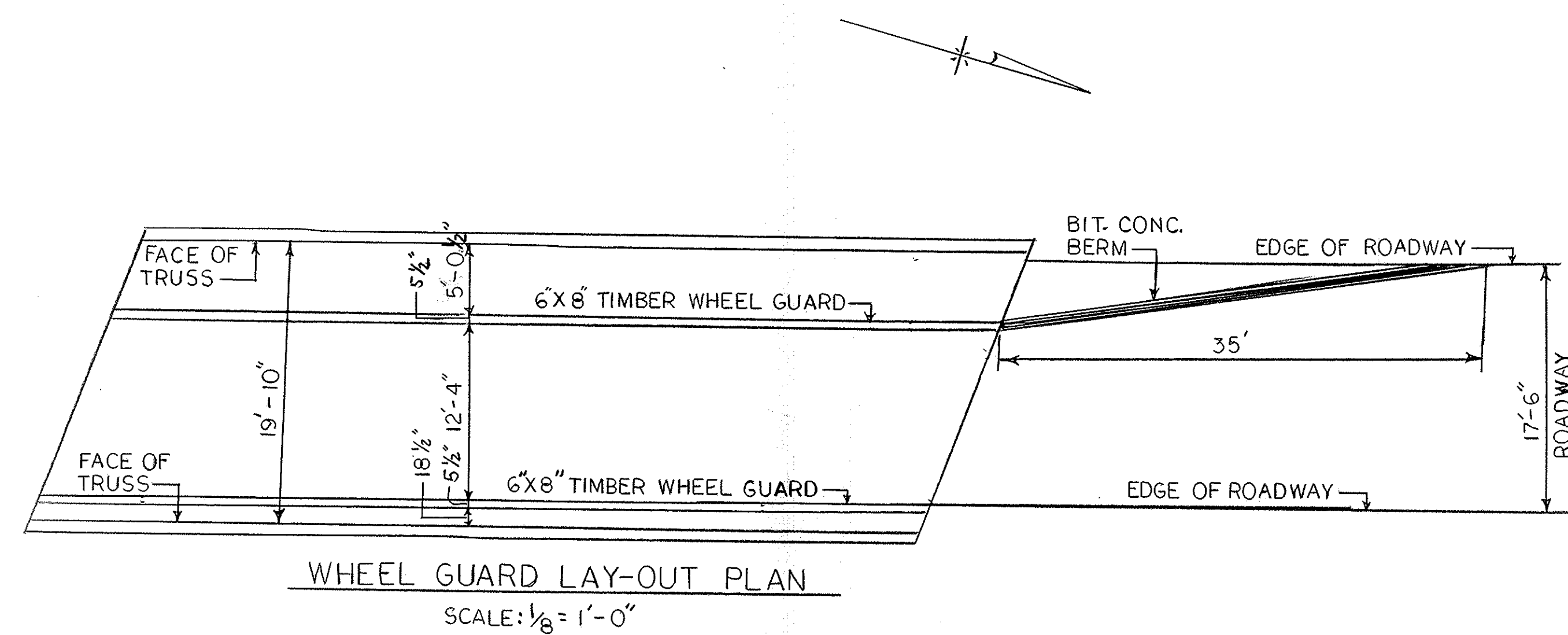
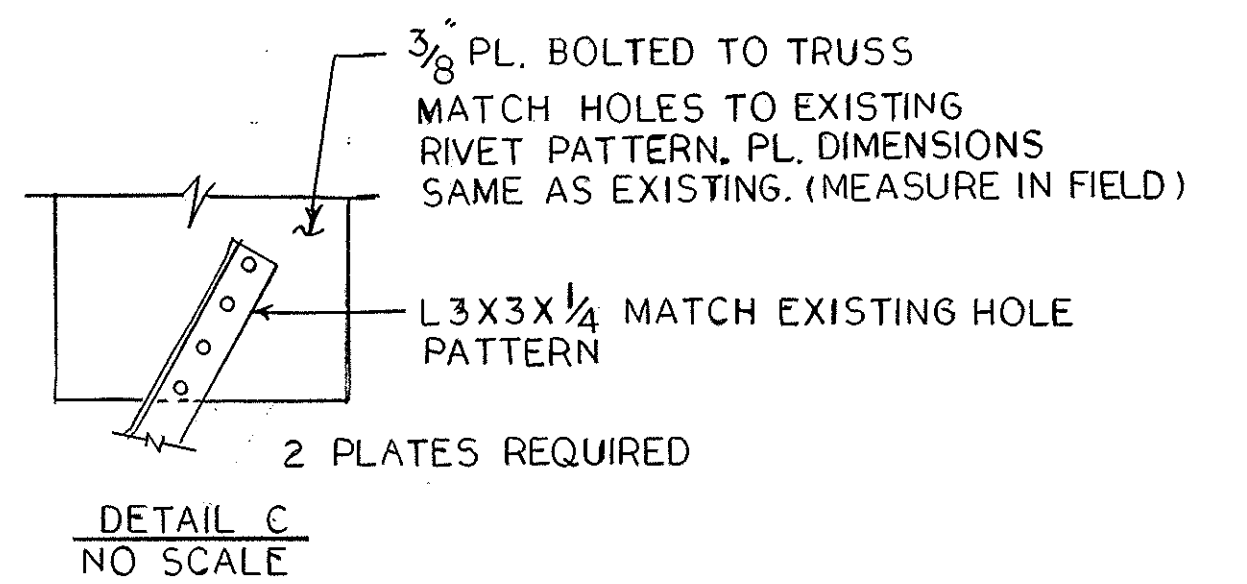
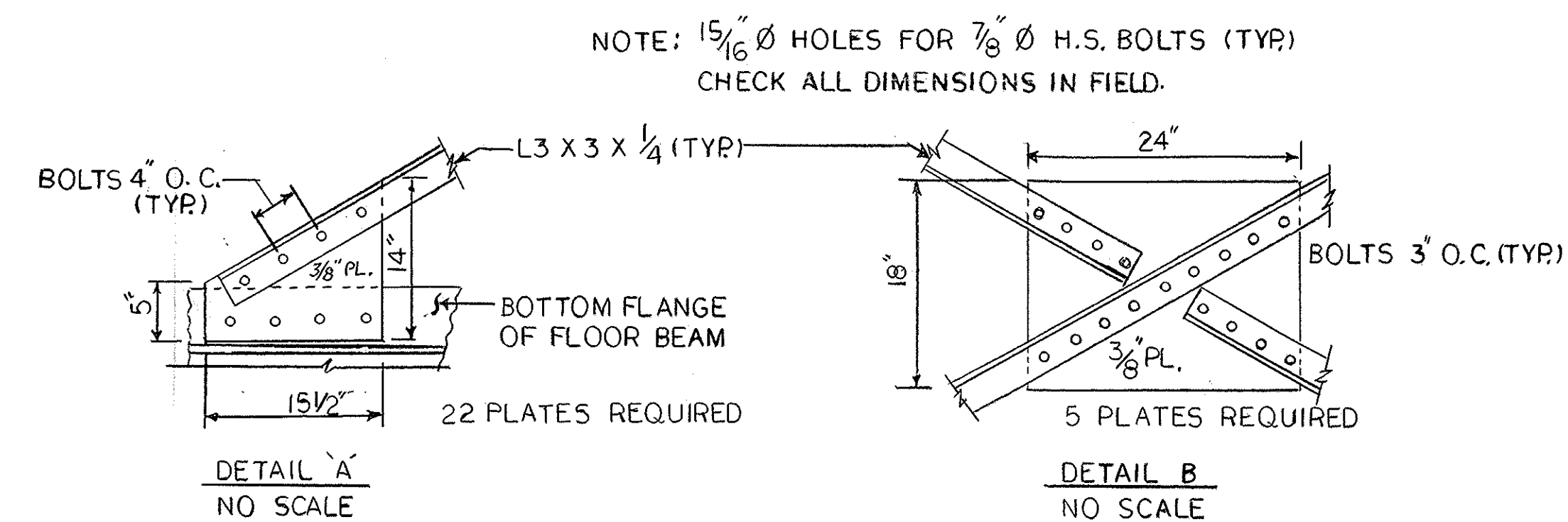
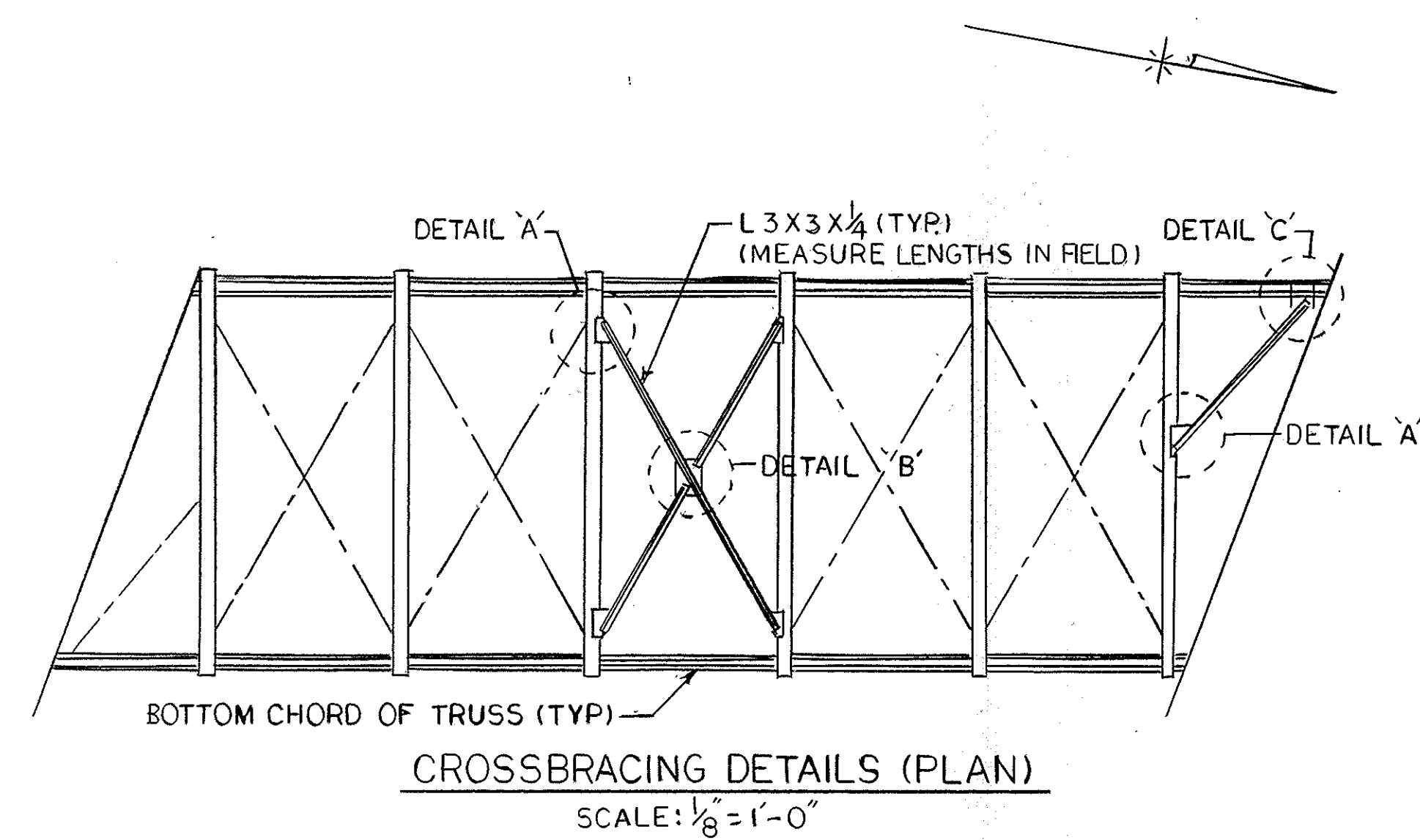
SECTION A-A

SCALE: 1" = 1'-0"

FLOOR BEAM

SCALE: 1" = 1'-0"

PUB. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	MASS.		19		



ISSUED FOR CONSTRUCTION
DATE DESCRIPTION
USE ONLY PRINTS OF LATEST DATE