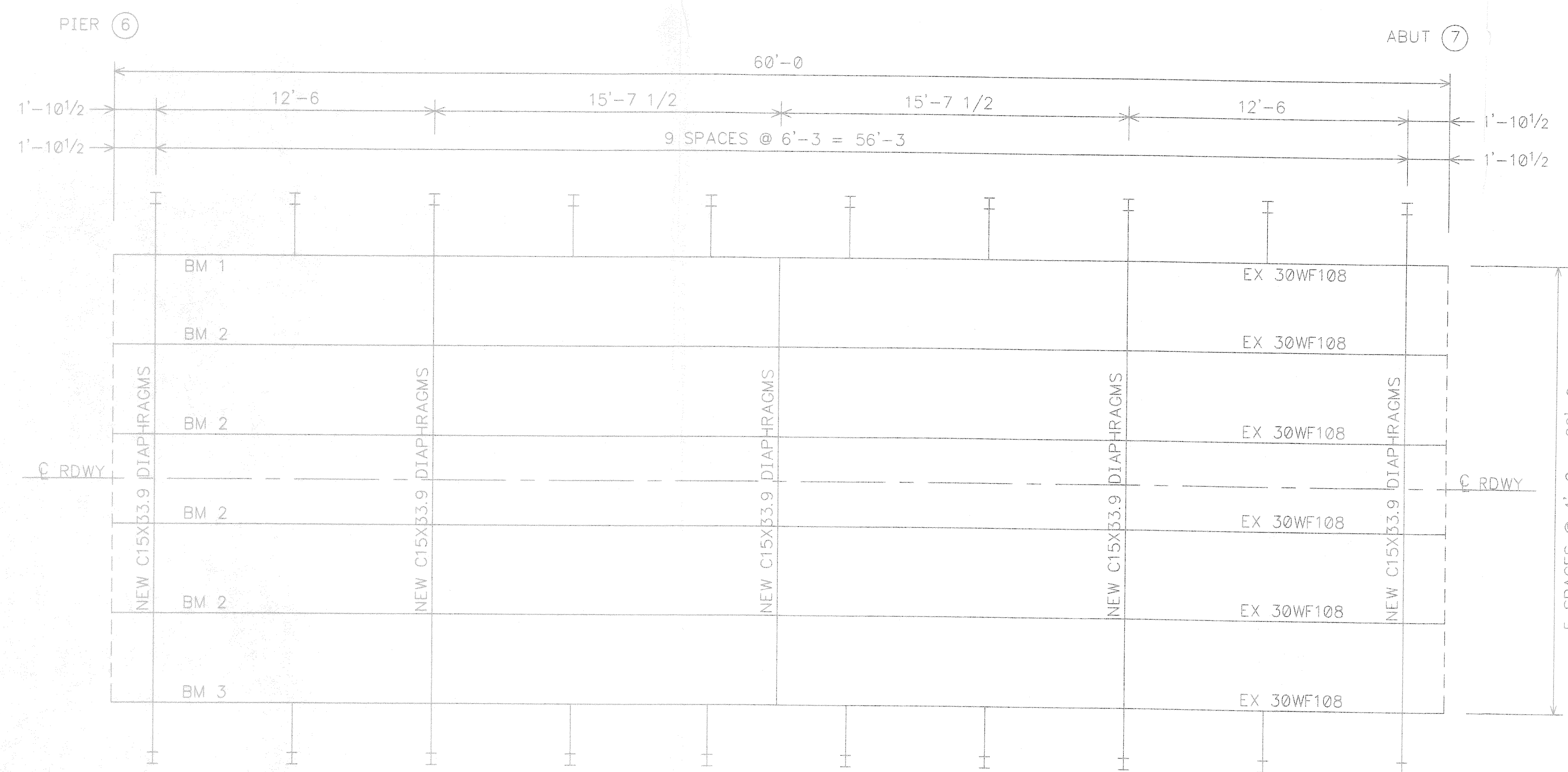
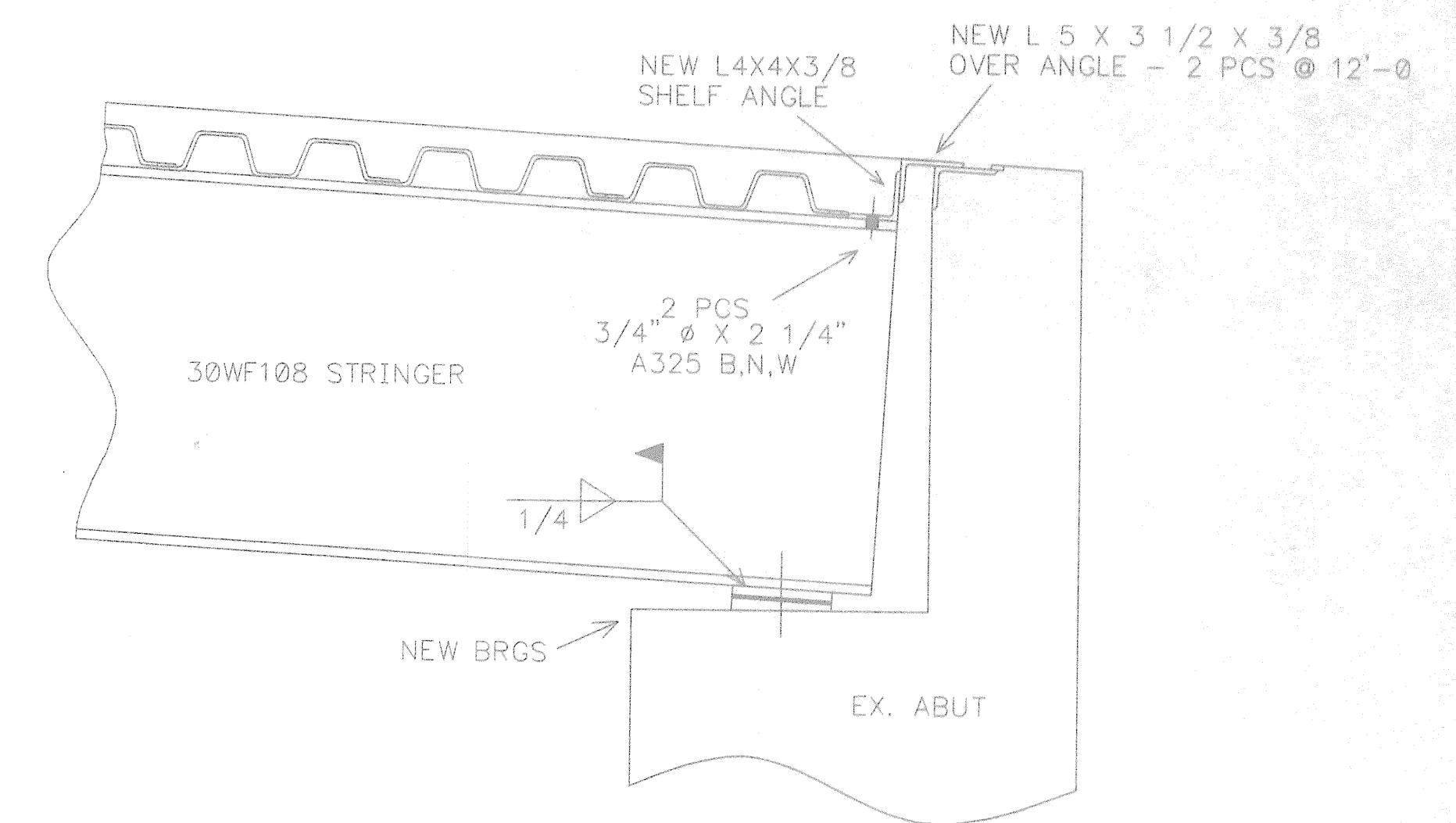
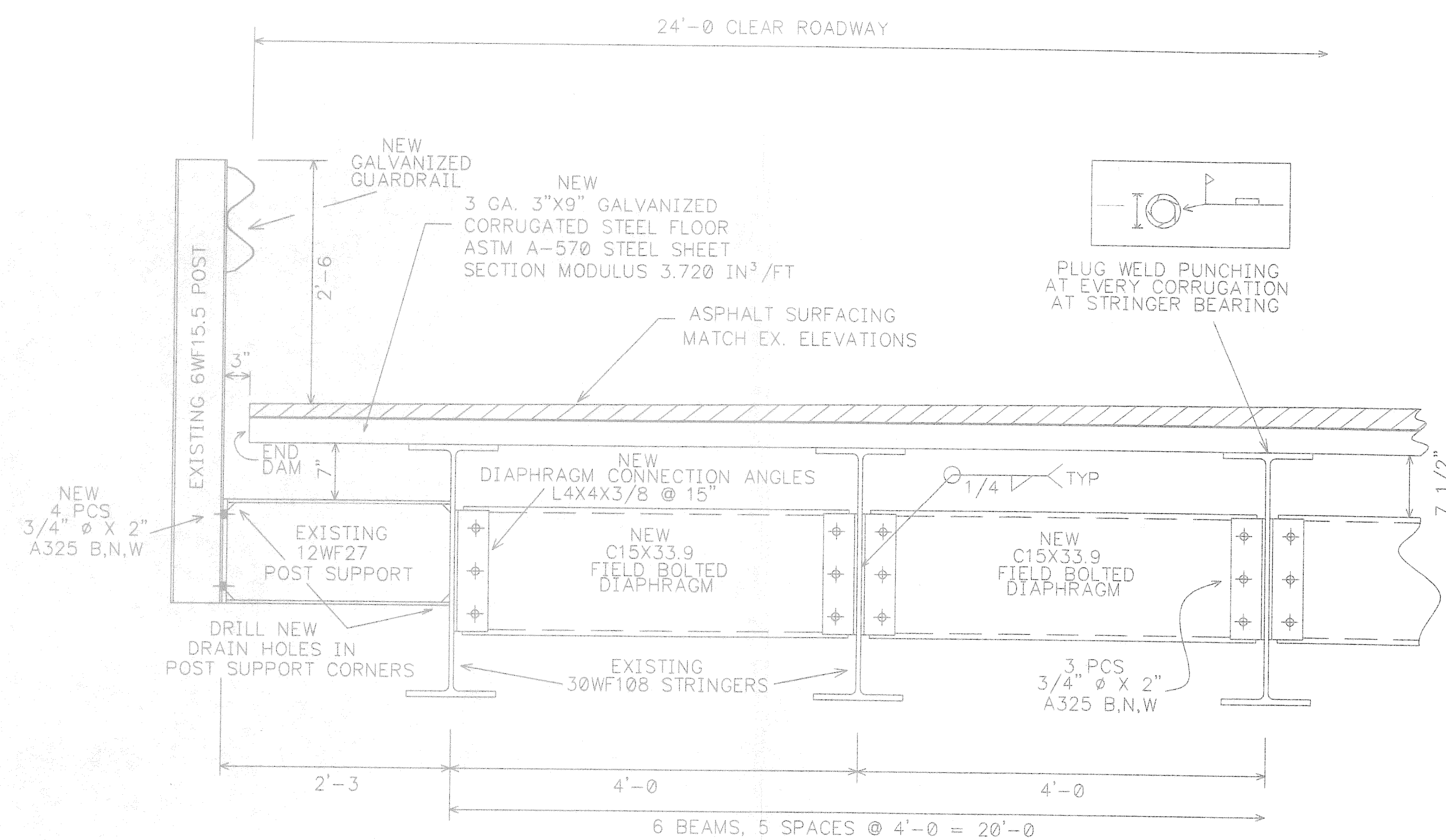


NORTH ELEVATION

NOTE: DRAWINGS RELATIVE (DO NOT SCALE)

NO.	DATE	REVISIONS	BY	684' SEVEN SPAN BRIDGE				24' ROADWAY WIDTH	
				COUNTY ROAD 66				GAYSPORT BRIDGE	
				BLUE ROCK TWP.					
				MUSKINGUM COUNTY, OHIO					
				DESIGN SAF	DRAWN SAF	DATE JULY 27, 2001	DRAWING NO. GAYSPORT	SHEET	
				CHECK/DATE	ORIGINAL FABRICATOR OHIO BRIDGE CORP.			1 OF 3	



FRAMING PLAN

NOTE: DRAWINGS RELATIVE (DO NOT SCALE)

- SPAN 7 - SCOPE OF WORK

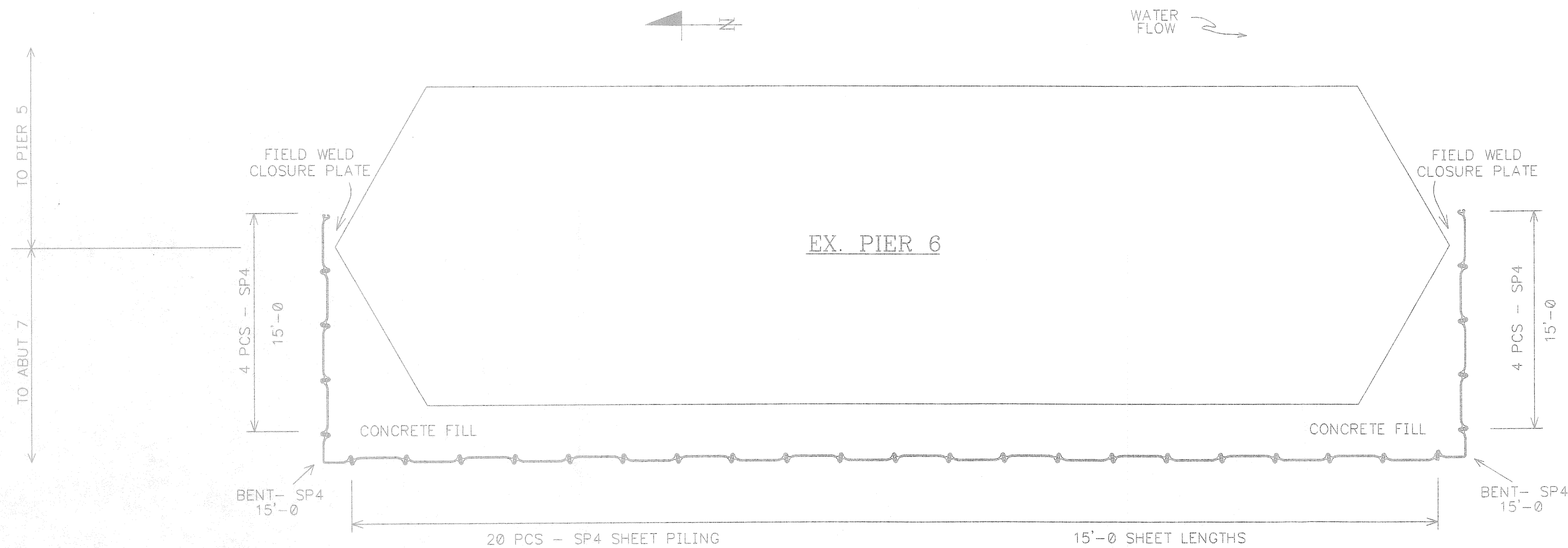
1. REMOVE AND DISPOSE OF EXISTING DECK
2. REMOVE EXISTING BEAMS FOR SPAN 7, CLEAN + REPAIR ANY DEFECTS DETERMINED BY ENGINEER + GALVANIZE
3. FABRICATE AND GALVANIZE NEW DIAPHRAGMS, EXPANSION AND SHELF ANGLE AND ABUTMENT 7 BEARINGS
4. REMOVE, REPAIR, GALVANIZE AND REUSE EXISTING GUARDRAIL POSTS
5. JACKET BASE OF WEST SIDE OF PIER 6 WITH SHEET PILING AND FILL JACKETED AREA WITH CONCRETE
6. REPLACE GALVANIZED BRIDGE AND DECK WITH 3 GA 3"x9" DECKING.

GENERAL NOTES

3 GA 3"x9" GALVANIZED CORRUGATED ASTM A570 STEEL PLATE
FLOOR WITH EDGE DAMS SECTION MODULUS 3.720 IN³/FT

12 GAGE DEEP BEAM GUARDRAIL GALVANIZED RAIL AND HARDWARE ONLY

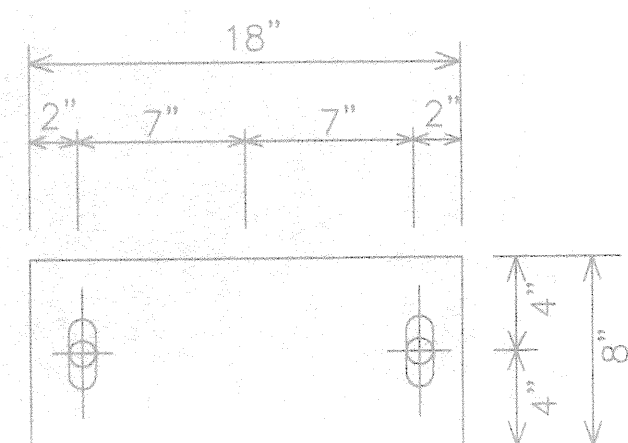
NO.	DATE	REVISIONS	BY	60' BEAM BRIDGE REHAB		24' ROADWAY WIDTH	
				COUNTY ROAD 66		GAYSPORT BRIDGE	
				BLUE ROCK TWP.		SPAN NO. 7	
				MUSKINGUM COUNTY, OHIO			
				DESIGN SAF	DRAWN SAF	DATE JULY 30, 2001	DRAWING NO. GAYSPORT
				CHECK/DATE	FABRICATOR		SHEET 2 OF 3



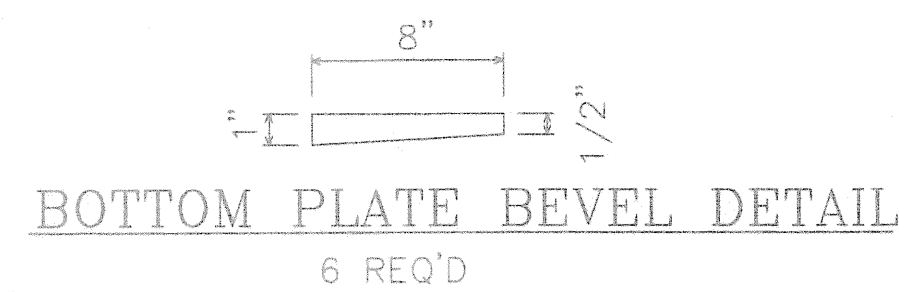
EX. PIER 6

PIER 6 REPAIRS

- JACKET ONE SIDE OF THE BASE OF EXISTING PIER 6 WITH SHEET PILING AS SHOWN AND FILL VOID WITH CONCRETE



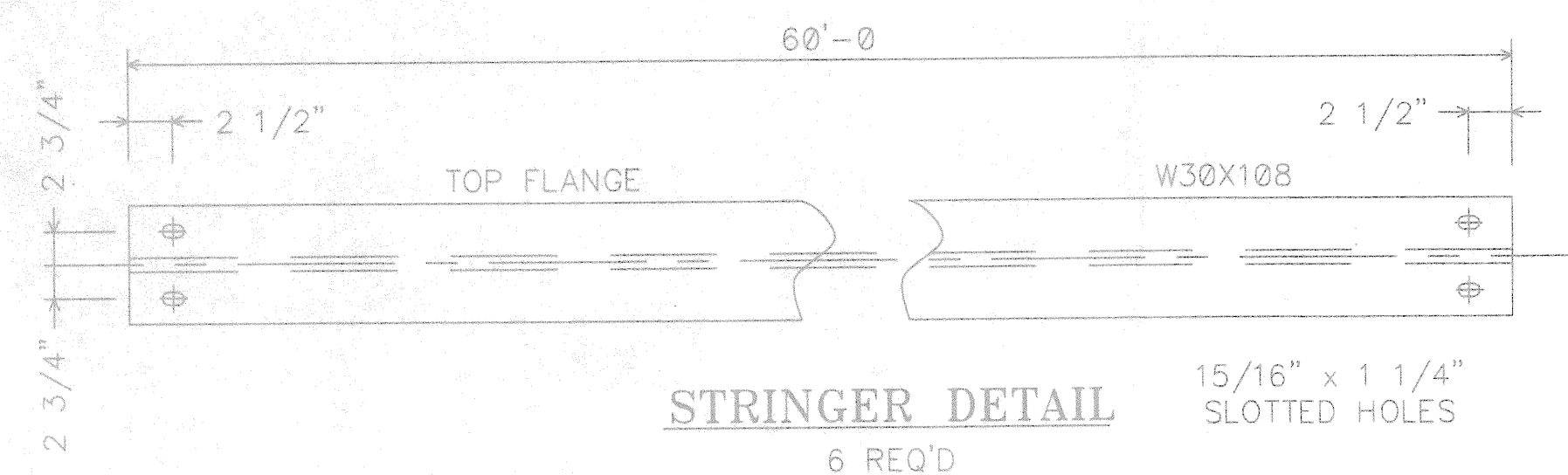
BEARING PLATE DETAIL



BOTTOM PLATE BEVEL DETAIL

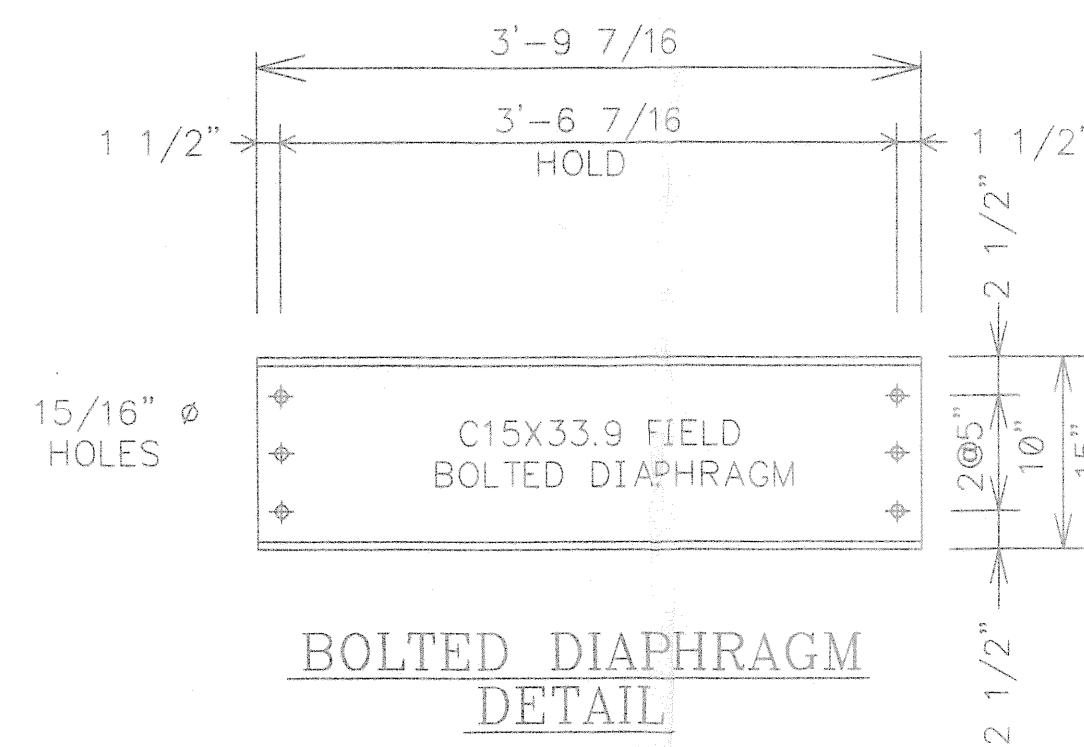
6 REQ'D

- 6 PCS - 3/4" PLATES WITH 1 1/8" X 3" SLOTTED HOLES - TOP PLATES
- 6 PCS - 1/4" BRONZE PLATES WITH 1 1/8" Ø HOLES - MIDDLE PLATES
- 6 PCS - 1" PLATES WITH 1 1/8" Ø HOLES - BEVELED AS PER DIAGRAM - BOTTOM PLATES



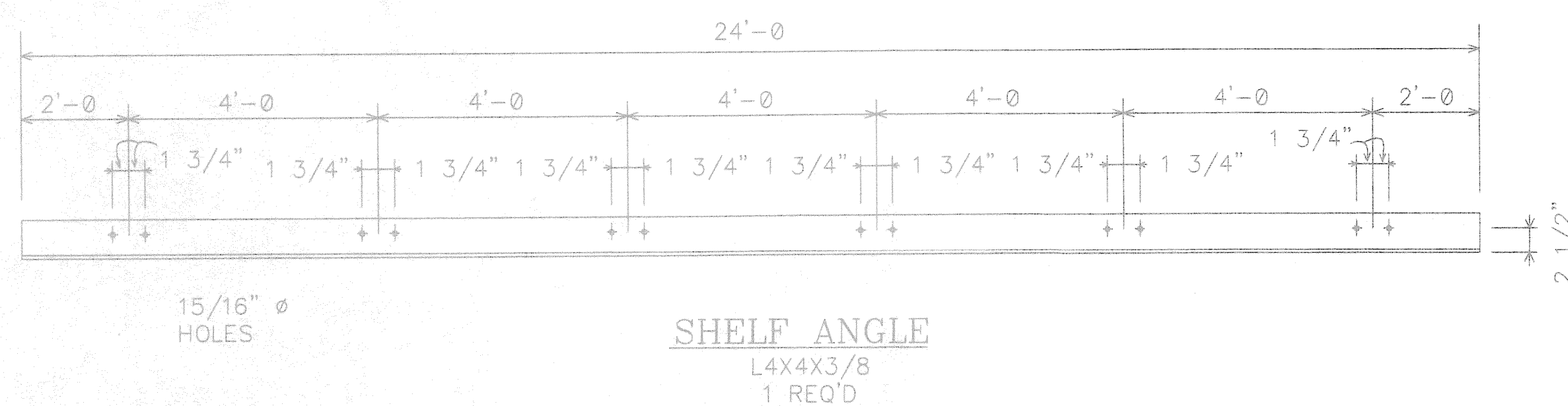
STRINGER DETAIL

15/16" x 1 1/4" SLOTTED HOLES



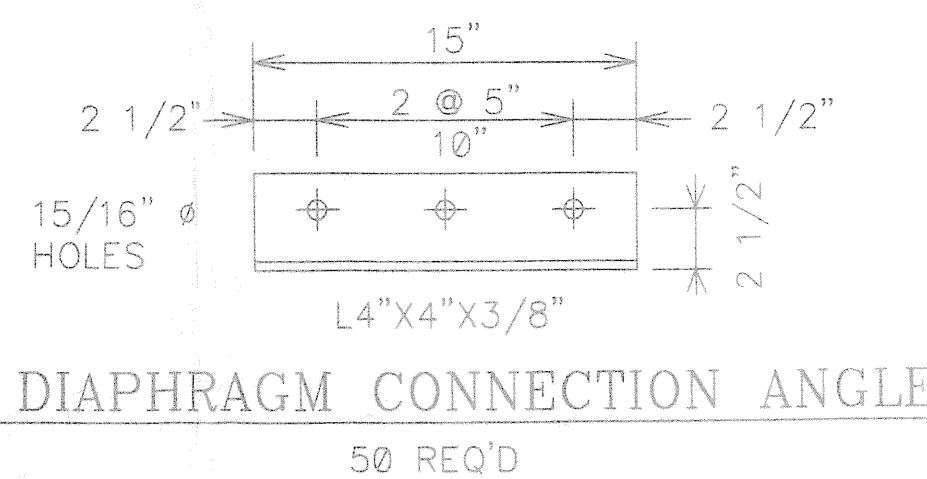
BOLTED DIAPHRAGM DETAIL

25 REQ'D



SHELF ANGLE

L4X4X3/8
1 REQ'D



DIAPHRAGM CONNECTION ANGLE

50 REQ'D

NOTE: DRAWINGS RELATIVE (DO NOT SCALE)

MATERIAL SCHEDULE

QUANTITY	DESCRIPTION
1 PC	BEAM 1 - 30WF108 @ 60'-0" 10 PCS - 12WF27 POST SUPPORT WITH END PLATE 5 PCS - L4X4X3/8 DIAPHRAGM CONNECTION ANGLE @ 15"
4 PCS	BEAM 2 - 30WF108 @ 60'-0" 10 PCS - L4X4X3/8 DIAPHRAGM CONNECTION ANGLE @ 15"
1 PC	BEAM 3 - 30WF108 @ 60'-0" 10 PCS - 12WF27 POST SUPPORT WITH END PLATE 5 PCS - L4X4X3/8 DIAPHRAGM CONNECTION ANGLE @ 15"
20 PCS	BRIDGE POST - 6WF15.5
25 PCS	DIAPHRAGM - C15X33.9 @ 3'-9 7/16
1 PC	SHELF ANGLE - L4X4X3/8 @ 24'-0"
2 PCS	OVER ANGLE - L5 X 3 1/2 X 3/8 @ 12'-0"
6 ASSYS	BEARING PLATE TOP PLATE - 3/4" X 8" X 18" MIDDLE PLATE - BRONZE 1/4" X 8" X 18" BOTTOM PLATE - 1" X 8" X 18" - BEVELED
40 PCS	3 GA 3"X9" GALV CORRUGATED DECK @ 24'-0"
10 PCS	GALV GUARDRAIL @ 12'-6"
2 PCS	GALV GUARDRAIL FLARED END
2 PCS	WOOD POST
96 PCS	5/8" Ø X 1 1/4" GALV GUARDRAIL SPLICE BOLT
20 PCS	5/8" Ø X 2" GALV GUARDRAIL POST BOLT
2 PCS	5/8" Ø X 10" GALV GUARDRAIL WOOD POST BOLT
12 PCS	3/4" Ø X 16" GALVANIZED ANCHOR BOLTS
241 PCS	3/4" Ø X 2" TYPE 1 GALVANIZED A325 B,N,W
22 PCS	3/4" Ø X 2 1/4" TYPE 1 GALVANIZED A325 B,N,W

BOLT CHART	BOLT TYPE - 3/4" Ø A325 TYPE 1 GALVANIZED				
LOCATION	SIZE				
	1 3/4"	2"	2 1/4"	2 1/2"	
DIAPHRAGM TO ANGLE		150			
POST TO POST PLATE		80			
SHELF ANGLE TO STRINGER			12		
TOTAL REQ'D		230	12		
TOTAL ORDERED		241	22		

NO.	DATE	REVISIONS	BY	684' SEVEN SPAN BRIDGE 24' ROADWAY WIDTH COUNTY ROAD 66 GAYSPOINT BRIDGE BLUE ROCK TWP. MUSKINGUM COUNTY, OHIO				
				DESIGN SAF	DRAWN SAF	DATE JULY 30, 2001	DRAWING NO. GAYSPOINT	SHEET 3 OF 3
				CHECK/DATE	FABRICATOR			