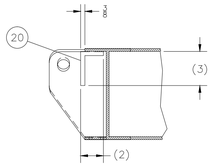
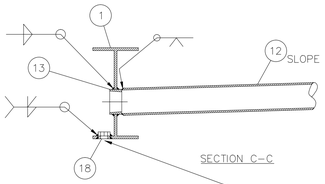
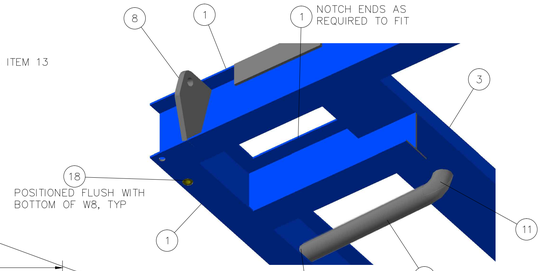


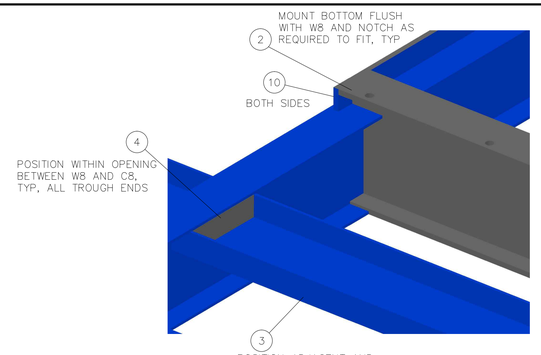
SECTION D–D



SECTION C–C

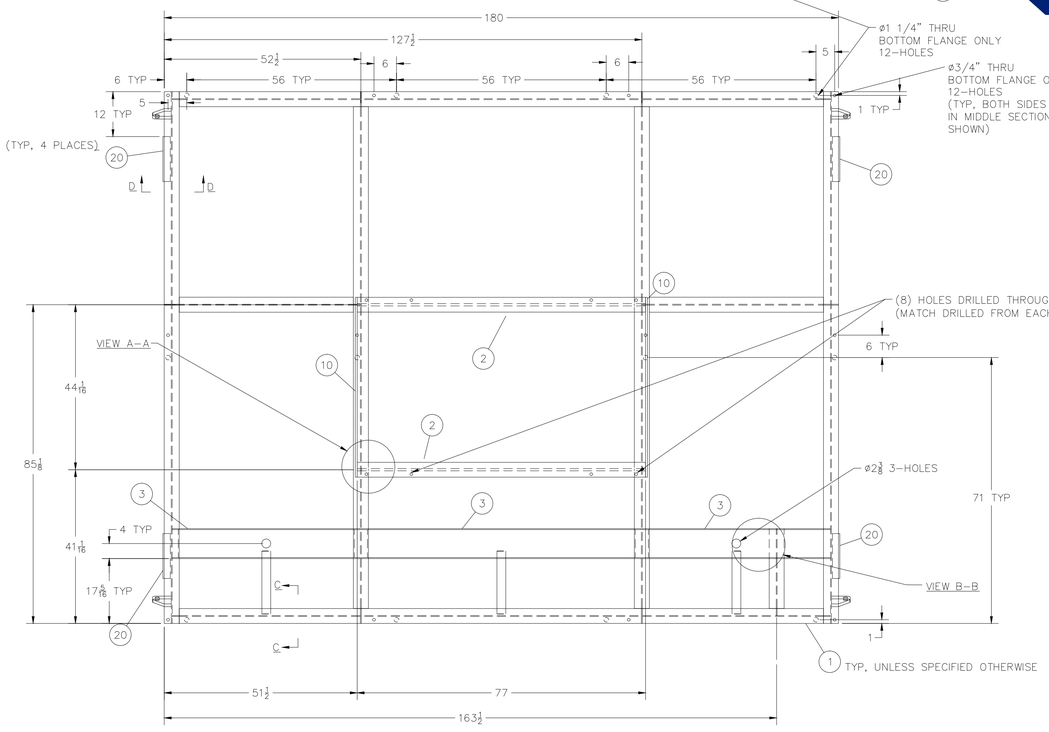


VIEW B–B

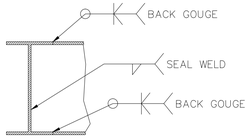


VIEW A–A

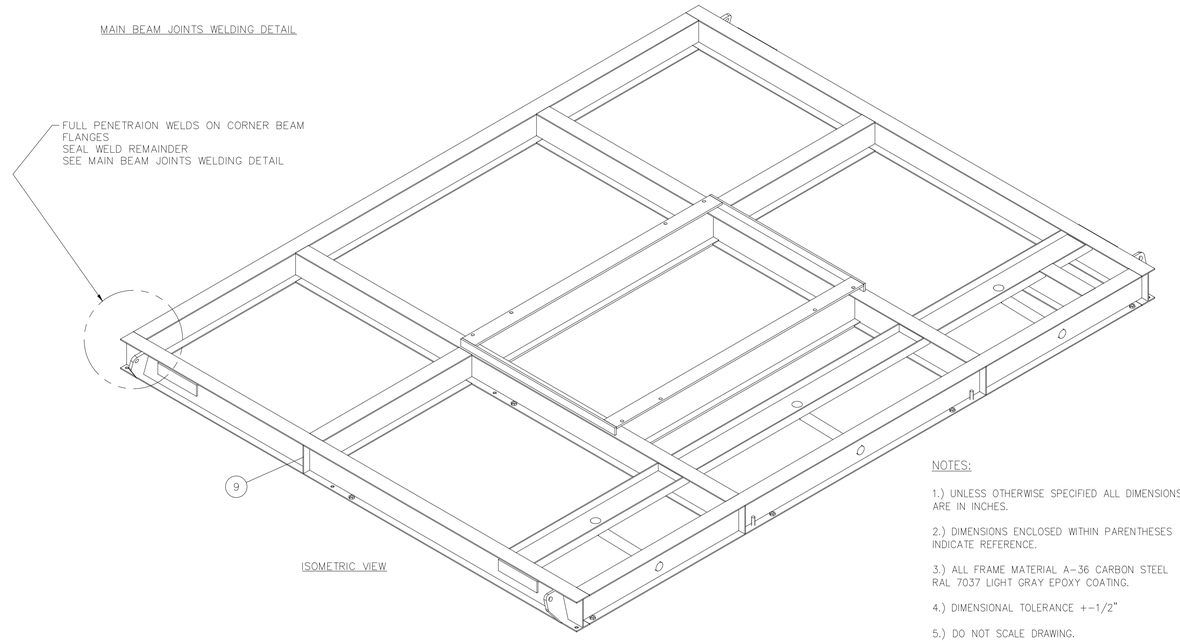
BILL OF MATERIAL				
ITEM	QTY	MATL SPEC:	DESCRIPTION	NOTES
1	120ft	A36	W8x13 BEAM, CUT TO LENGTH (TYPICAL STRUCTURAL MEMBERS)	
2	20ft	A36	W10x15 BEAM, CUT TO LENGTH (CENTER PUMP SUPPORTS)	
3	20ft	A36	C8x11.5 CHANNEL, CUT TO LENGTH (DRAIN TROUGHS)	
4	6 ea	A36	1/4"x2" FLAT BAR, 7 1/2" LG (DRAIN TROUGH ENDS)	
5	2 ea	A36	1/4" TREAD PLATE, 48"x120" (AREAS BETWEEN BEAMS)	
6	2 ea	A36	1/4" TREAD PLATE, 60"x144" (AREAS BETWEEN BEAMS)	
7	100ft	A36	1/4"x3" FLAT BAR, CUT TO LENGTH (TREAD PLATE SUPPORTS)	
8	4 ea	A36	3/4"x5"x8" LIFTING LUG (WATERJET CUT)	
9	6 ea	A36	1/4"x1 7/8"x7 1/2" LG PLATE (SHEARED FROM PLATE) (FOR PERIMETER BEAM GUSSETS)	
10	2 ea	A36	1/4"x2" FLAT BAR, 47" LG (GROUT CONTAINMENT–PUMP AREA)	
11	3 ea	A36	2" SCH40 90 DEGREE ELBOW, BW (DRAIN)	
12	6ft	A53	2" SCH40 PIPE, CUT TO LENGTH (DRAIN)	
13	3 ea	HC A105	1 1/2" 3000# THREADED HALF COUPLING	
14	30ft	A36	3/8"x2 1/2"x2 1/2" ANGLE, CUT TO LENGTH (PIPE SUPPORT STRUCTURE)	
15	2 ea	A36	X"xY",xZ " LG (TBD)FLAT BAR (STRAINER SUPPORT)	
16	10ft	A36	W6x9 BEAM, CUT IN HALF LENGTHWISE, CUT TO LENGTH (PIPE SUPPORT STRUCTURE)	
17	1 ea	A36	1/4"x4" FLAT BAR, 7" LG (HEATER MOUNT)	
18	12 ea	A194	5/8–11 HEAVY HEX NUTS	
19	2 ea	A525	PERF 0 GRIP GRATING, GALV MILL 13 GA 3-HOLE, 2" CHANNEL DEPTHx7"x10' LG (DRAIN TROUGHS)	McNICHOLS #M407201310
20	4 ea	A36	3"x2"x3/8" ANGLE, 12" LG (ANGLE CLIPS FOR MOUNTING HOUSE STRUCTURE)	



PLAN VIEW



MAIN BEAM JOINTS WELDING DETAIL



ISOMETRIC VIEW

NOTES:

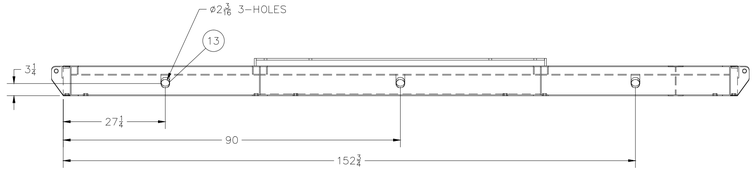
1.) UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.

2.) DIMENSIONS ENCLOSED WITHIN PARENTHESES INDICATE REFERENCE.

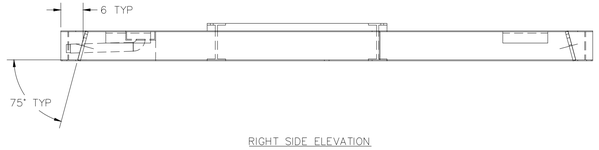
3.) ALL FRAME MATERIAL A–36 CARBON STEEL RAL 7037 LIGHT GRAY EPOXY COATING.

4.) DIMENSIONAL TOLERANCE +–1/2"

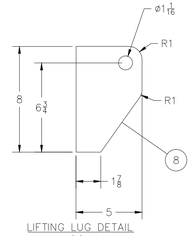
5.) DO NOT SCALE DRAWING.



FRONT ELEVATION



RIGHT SIDE ELEVATION



LIFTING LUG DETAIL
QTY (4) REQD

DO NOT SCALE DRAWING!

REV	DESCRIPTION	DATE	BY	CHK'D
0	RELEASED FOR FABRICATION	04MAR13	SV	KB

TOLERANCES ON DIMENSIONS ARE AS FOLLOWS EXCEPT FOR BASIC DIMENSIONS, MATL STOCK SIZES AND TOLERANCES SPECIFIED OTHERWISE.
ONE DECIMAL
TWO DECIMALS
THREE DECIMALS
ANGULAR DIMENSIONS
CAST DIMENSIONS
MATERIAL STOCK SIZE TOLERANCES SHALL CONFORM TO APPLICABLE STANDARD MILL VALUES UNLESS COVERED WITHIN A SPECIFIED MATERIAL SPECIFICATION
GEOMETRIC SYMBOLOGY PER ANSI Y14.5

SUPERIOR INDUSTRIAL EQUIPMENT COMPANY

TITLE: CONTRACT 5.2190 SKID BASEFRAME ARRANGEMENT MAIN STRUCTURE

JOB

DRAWN BY: SV | DATE: 04MAR13 | SHEET: 1 | OF: 1

SIZE: B | DRAWING NUMBER: DM12076-402 | REV: 0