

- 1.) STEEL TO BE ASTM-A-36 OR EQUAL UNLESS OTHERWISE SPECIFIED.
- 2.) WELDING MUST CONFORM TO CYCLICALLY (DYNAMICALLY) LOADED STRUCTURES OF THE A.W.S.-D-1.1 CODE EXCEPT THAT UNDERCUT IS NOT PERMITTED.
- 3.) ALL WELDS TO BE 6 (.25) CONTINUOUS FILLET UNLESS OTHERWISE SPECIFIED.
- 4.) ONLY QUALIFIED OR PREQUALIFIED WELDING PROCEDURE SPECIFICATIONS (WPS) MAY BE USED IN WELDING.
- 5.) WELDERS MUST BE CERTIFIED FOR THE PROCESS AND POSITION BEING USED.
- 6.) ALL WELDMENTS ARE SUBJECT TO VISUAL INSPECTION BY A C.W.I.
- 7.) REMOVE ALL BURRS AND SHARP EDGES.
- 8.) SURFACE PREPARATION AND PAINTING PROCEDURE SHOULD BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE STRUCTURAL STEEL PAINT COUNCIL SPECIFICATIONS.
  - PAINT ONLY SURFACES THAT WILL NOT BE LINED OR

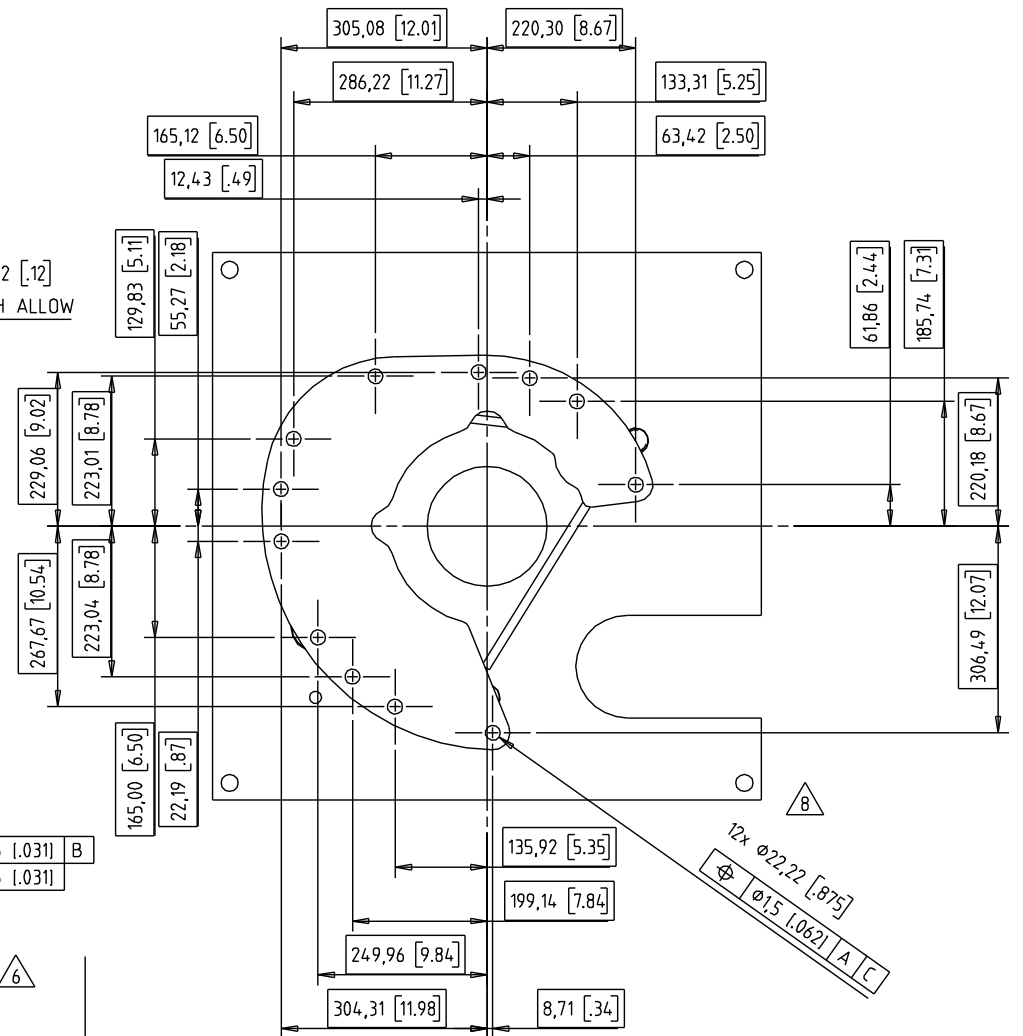
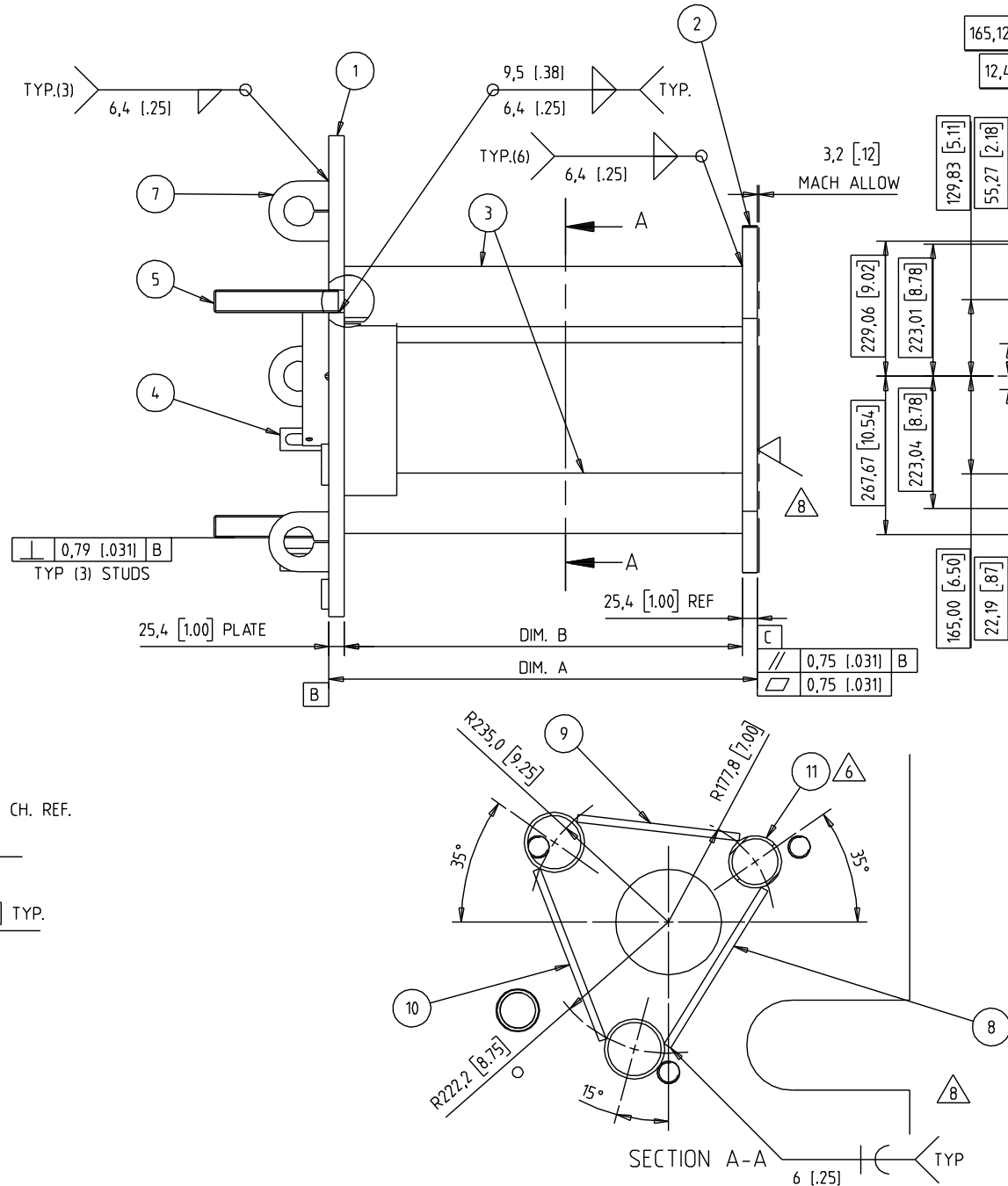
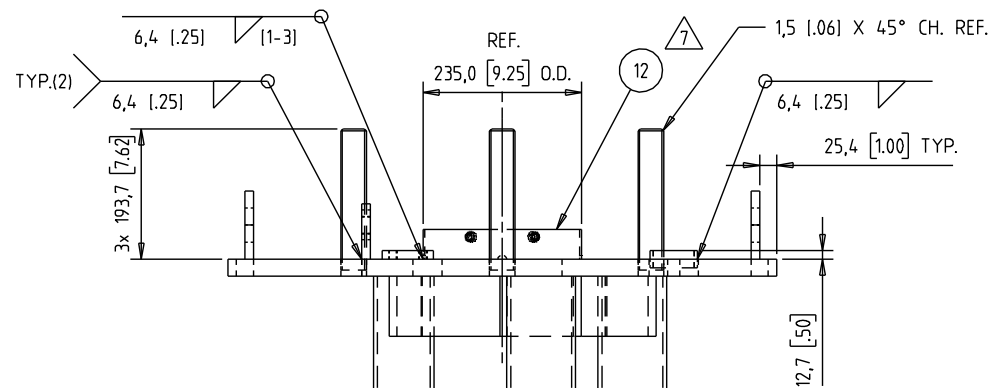
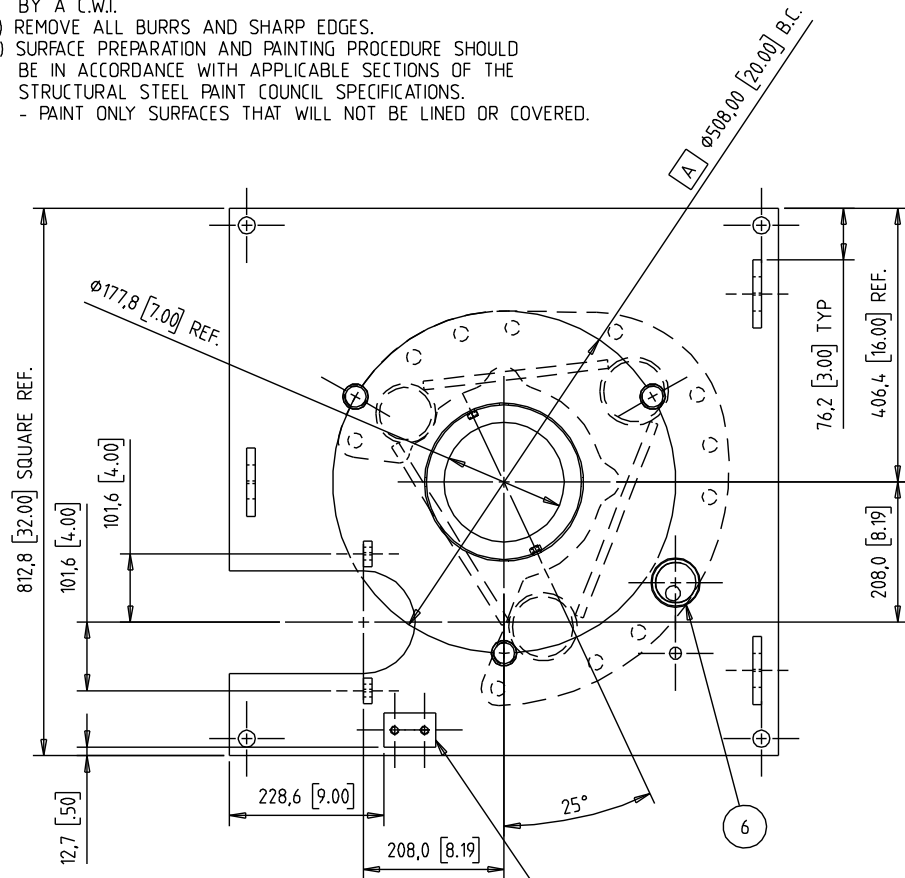
- 9.) ALL JOINTS & SURFACES TO BE LINED OR COVERED MUST BE IN ACCORDANCE WITH NACE STANDARD RP0178 (CURRENT REVISION).
- 10.) STAMP PART NUMBER USING 8 [31] HIGH NUMERALS.
- 11.) DIMENSIONS SHOWN THUS [ ] ARE IN INCHES.
- 12.) # "G" IN PART NUMBER INDICATES PEDESTAL WITH GROUNDING PAD OPTION.


* 13	1	GROUNDING PAD
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\* OPTIONAL: FOR USE WITH "G" OPTION.

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	ITEM NO.	ITEM QTY.	DESCRIPTION	MAT'L QTY.	PART NO.
<div> <div>5</div> <div> <div></div> <div></div> </div> </div>	1	1	1" HR PL	290 LBS	WPL1.00
	2	1	1.12" HR PL	165 LBS	WPL1.125
	3	2	3.50" SCH 40 PIPE X "B" LG.	SEE CHART	01602
	4	2	DISCHARGE LUG	EA	21276
	5	3	ADJUSTING STUD	EA	22074
	6	1	LEVEL CONTROL MOUNT	EA	V1107
	7	3	LIFTING LUG	EA	45504



						
*	PUMP LENGTH	PART No.	DIM "A"	DIM. "B"	MAT'L QTY ITEM 3	MAT'L QTY ITEM 11
L	24"	21541#	492,1 [19.38]	441,3 [17.38]	2.9 FT	1.4 FT
E	36"	21546#	796,9 [31.38]	746,1 [29.38]	4.9 FT	2.4 FT
A	48"	21161#	1101,7 [43.38]	1050,9 [41.38]	6.9 FT	3.4 FT
B	60"	21555#	1406,5 [55.38]	1355,5 [53.38]	8.9 FT	4.4 FT
C	72"	48563#	1711,3 [67.38]	1660,5 [65.38]	10.9 FT	5.4 FT

FOR LIMITS OF UNTOLERANCED DIMENSIONS REFER TO DRG. A388878.

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8	ADDED MACHINING DIMENSIONS AND MACHINING SYMBOL; ADDED NEW STYLE BOM AND TOL NOTE; ADDED DETAILS TO SHEET #2; ADDED GROUNDING PAD OPTION; ADDED NOTE #12 - DR112529MAD	KDS	FEB.21,2011	EAK
7	REDRAWN ON UG; ADDED ITEM #12 & RELATED INFO DR102084	SDA	FEB.7,2007	EAK
6	MOVED LEGS IN & DECREASED DIA OF ONE - ECN05384	ENS	NOV.22,1988	DLO
5	ITEM #5 WAS A4SHA5001-5 - ECN03687	JMW	APR.22,1987	MTD
No.	DESCRIPTION	BY	DATE	CHK
REVISIONS				

APP.	BT
CHECK	DLO
DRN.	VP
DATE	FEB.22,1983
SCALE	
_____	

WARMAN  
PUMP



DESIGN CENTRE OF ORIGIN :  
MADISON

3" VERTICAL PUMP (5000)  
PEDESTAL DETAIL

D3SH\*5001  
SHEET 1 OF 2 SHEETS

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