

1 2 3 4 5 6 7 8 9 10 11 12

PUMP LENGTH	MAT'L	#	*	'A'	'B'	'C'	MAT'L QTY ITEM #3	TOTAL WEIGHT	PART No.
24"	104-STEEL	H	L	502 [19.75]	457 [18.00]	40	4.5 FT	316 LBS	21732
36"			E	806 [31.75]	762 [30.00]		7.5 FT	347 LBS	21737
48"			A	1111 [43.75]	1067 [42.00]		10.5 FT	377 LBS	21823
60"			B	1416 [55.75]	1372 [54.00]		13.5 FT	408 LBS	24666
72"			C	1721 [67.75]	1676 [66.00]		16.5 FT	439 LBS	21810

104-STEEL MAT'L H 40

PUMP LENGTH	MAT'L	#	*	'A'	'B'	'C'	MAT'L QTY ITEM #3	TOTAL WEIGHT	PART No.
24"	242-SS	SS	L	502 [19.75]	457 [18.00]	80	4.5 FT	316 LBS	21733
36"			E	806 [31.75]	762 [30.00]		7.5 FT	347 LBS	21738
48"			A	1111 [43.75]	1067 [42.00]		10.5 FT	377 LBS	21741
60"			B	1416 [55.75]	1372 [54.00]		13.5 FT	408 LBS	21745
72"			C	1721 [67.75]	1676 [66.00]		16.5 FT	439 LBS	21748

242-SS MAT'L SS 80

PUMP LENGTH	MAT'L	#	*	'A'	'B'	'C'	MAT'L QTY ITEM #3	TOTAL WEIGHT	PART No.
24"	250-ALLOY 20	SS	L	502 [19.75]	457 [18.00]	80	4.5 FT	316 LBS	11353
36"			E	806 [31.75]	762 [30.00]		7.5 FT	347 LBS	11349
48"			A	1111 [43.75]	1067 [42.00]		10.5 FT	377 LBS	11350
60"			B	1416 [55.75]	1372 [54.00]		13.5 FT	408 LBS	11351
72"			C	1721 [67.75]	1676 [66.00]		16.5 FT	439 LBS	11352

250-ALLOY 20 MAT'L SS 80

MATERIAL : SEE MATERIAL CODE OF FINISHED PART No.
ESTIMATED MASS : SEE TABLE

NOTES:
1.) WELDING MUST CONFORM TO CYCLICALLY (DYNAMICALLY) LOADED STRUCTURES OF THE APPLICABLE AWS D1 CODE.
2.) ALL SEAMS TO BE WELDED 6 (.25) CONTINUOUS FILLET UNLESS OTHERWISE SPECIFIED.
3.) ONLY QUALIFIED OR PREQUALIFIED WELDING PROCEDURE SPECIFICATIONS (WPS) MAY BE USED IN WELDING.
4.) WELDERS MUST BE CERTIFIED FOR THE PROCESS AND POSITION BEING USED.
5.) ALL WELDMENTS ARE SUBJECT TO VISUAL INSPECTION BY A C.W.I.
6.) REMOVE ALL BURRS AND SHARP EDGES.
7.) SURFACE PREPARATION AND PAINTING OR BLASTING

ITEM No.	ITEM QTY.	MAT'L DESCRIPTION	MAT'L QTY.	104-STEEL MAT'L PART No.	242-SS MAT'L PART No.	250-ALLOY 20 MAT'L PART No.
1	1	1.00" HR PL	222 LBS	WPL1.00	WPL1.00C23	WPL1.00C25
2	1	.88" HR PL	86 LBS	WPL.87	WPL.87C23	WPL.87C25
3	3	3" SCH 'C' PIPE X 'B' LG	SEE CHART	WPE3X22	11336	11337
4	2	.50" HR PL	1 LBS	WPL.50	WPL.50C23	WPL.50C25
5	3	1 1/4-7 UNC THREADED ROD	2 FT	ZTR1250MS	ZTR1250C23	ZTR1250C25
6	1	2" NPT HALF COUPLING	EA	V1107	V1109	05137
7	3	.50" HR PL	7 LBS	WPL.50	WPL.50C23	WPL.50C25
8	1	.50" HR PL	6 LBS	WPL.50	WPL.50C23	WPL.50C25
9	1	.50" HR PL	4 LBS	WPL.50	WPL.50C23	WPL.50C25
10	1	.50" HR PL	4 LBS	WPL.50	WPL.50C23	WPL.50C25
11	1	SHAFT GUARD	EA	ZSG47-3343	ZSG47-3343C23	ZSG47-3343C25

711 [28.00] SQUARE
356 [14.00] REF
86 [3.38]
186 [7.31]
76 [3.00] TYP
187 [7.38]
25°
6 [3.38]
Ø508.00 [20.00] B.C.
A

6 [.25]
TYP
6 [.25]
TYP
3 [.12] MACH ALLOW
3 [.12]
6 [.25]
TYP
GRIND FLUSH WITH BOTTOM OF PLATE
3 [13]
TYP
6 [.25]
TYP
6 [.25]
TYP
25 [1.00] PL
19 [.75] REF
A
B
C
0,79 [.031] B
0,79 [.031] B
0,79 [.031] B

191,22 [7.53]
97,23 [3.83]
105,82 [4.17]
234,36 [9.23]
173,05 [6.81]
52,81 [2.08]
79,81 [3.14]
182,96 [7.20]
193,21 [7.61]
62,34 [2.45]
149,85 [5.90]
238,44 [9.39]
3,34 [13]
7X Ø17.46 [69]
Ø15 [1.062] A C

3x 159 [6.25]
13 [.50]
25 [1.00] TYP
6 [.25]
3 [.12] X 45° CH
(235) [(9.25)] O.D.
11
15°
R175 [6.88]
R186 [7.31]
R159 [6.25]
50°
15°
TYP
6 [.25]
SECTION A-A

REV	DESCRIPTION	DATE	REF NO	BY	CHK
2	REDRAWN ON CAD WITHOUT DESIGN CHANGES	13JUL1990	ECN06485	BAC	DLO
3	REDRAWN ON UG; ADDED ITEM #11	07FEB2007	DR102084MAD	SDA	EAK
4	UPDATED TITLEBLOCK & BOM; ADDED DETAILS TO SHEET #2; ADDED MACHINING OPERATION & RELATED DIMENSIONS; ADD NOTE TO WELD SYMBOL	12MAY2016	DR125519MAD	KDS	EAK
5	DRAWING NUMBER WAS D2SH*5001; TABULATED DRAWING No. (SH -OR- SSS); TABULATED FINISHED PART No. FOR MATERIAL & PIPE SCHEDULE; ADDED 242 & 250 MATERIALS TO BOM; UPDATED NOTES	15AUG2016	DR126311MAD	EAK	JKS

FOR LIMITS OF UNTOLERANCED DIMENSIONS REFER TO DRG. A388878.

OFFICE OF ORIGIN :
MADISON

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SCALE: 1:8
APP: -
CHK: DLO
DRN: B.CAIN
DATE: 13JUL1990

SHEET 1 OF 2

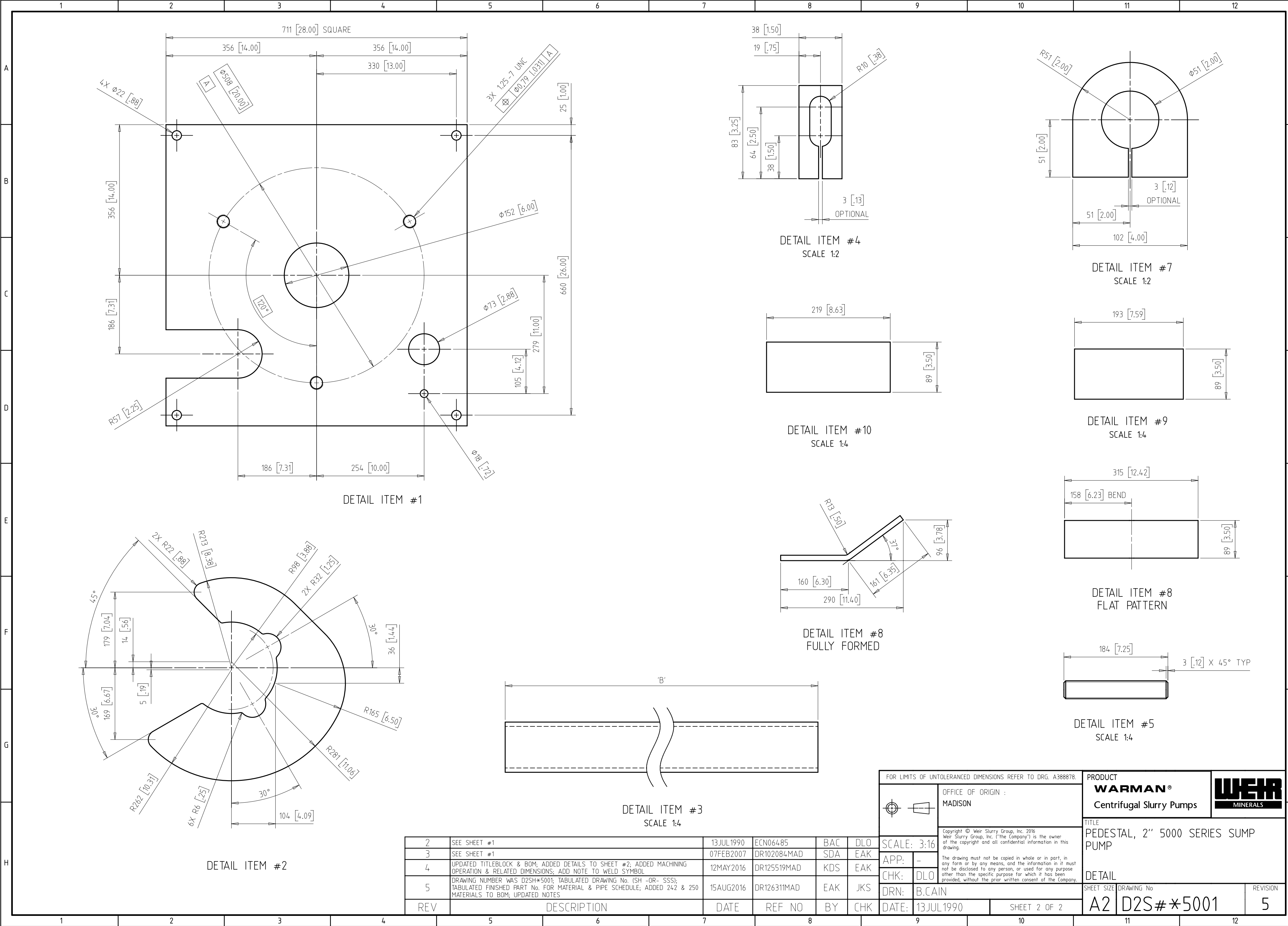
PRODUCT
WARMAN®
Centrifugal Slurry Pumps

TITLE
PEDESTAL, 2" 5000 SERIES SUMP PUMP

DETAIL

SHEET SIZE DRAWING No
A2 D2S#*5001

REVISION
5



2	SEE SHEET #1	13JUL1990	ECN06485	BAC	DLO	<div>FOR LIMITS OF UNTOLERANCED DIMENSIONS REFER TO DRG. A38878.</div> <div></div> <div>OFFICE OF ORIGIN : MADISON</div> <div>Copyright © Weir Slurry Group, Inc. 2016 Weir Slurry Group, Inc. ("the Company") is the owner of the copyright and all confidential information in this drawing. The drawing must not be copied in whole or in part, in any form or by any means, and the information in it must not be disclosed to any person, or used for any purpose other than the specific purpose for which it has been provided, without the prior written consent of the Company.</div> <div>SCALE: 3:16</div> <div>APP: -</div> <div>CHK: DLO</div> <div>DRN: B.CAIN</div> <div>DATE: 13JUL1990</div>	PRODUCT WARMAN® Centrifugal Slurry Pumps			
3	SEE SHEET #1	07FEB2007	DR102084MAD	SDA	EAK					
4	UPDATED TITLEBLOCK & BOM; ADDED DETAILS TO SHEET #2; ADDED MACHINING OPERATION & RELATED DIMENSIONS; ADD NOTE TO WELD SYMBOL	12MAY2016	DR125519MAD	KDS	EAK		TITLE PEDESTAL, 2" 5000 SERIES SUMP PUMP			
5	DRAWING NUMBER WAS D2SH*5001; TABULATED DRAWING No. (SH -OR- SSS); TABULATED FINISHED PART No. FOR MATERIAL & PIPE SCHEDULE; ADDED 242 & 250 MATERIALS TO BOM; UPDATED NOTES	15AUG2016	DR126311MAD	EAK	JKS		DETAIL			
REV	DESCRIPTION	DATE	REF NO	BY	CHK	SHEET SIZE A2	DRAWING No D2S#*5001	REVISION 5		