

# **REQUEST FOR QUOTATION 18-20**

## **BIG ROCK BOAT RAMP DOCK SUPPLY**

### ADDENDUM NO. 1

March 22<sup>nd</sup>, 2018

This addendum forms part of the Request For Quotation Documents and shall be read, interpreted, and coordinated with all other parts. The costs of all elements contained herein shall be included in the submission. The following revisions, changes, corrections, additions, and or deletions supersede the information contained in the original Documents to the extent referenced and shall become part thereof.

#### Addendum Item 1 Drawing Updates

Drawings 395-300-A has been updated with 395-300-B and drawing 395-400-A has been replaced with 395-400-B as the pipe diameter has been reduced from 22" DR 32.5 to 20" DR 32.5 due to availability.

These changes are noted in the revision block of the updated drawings as attached.

### End of Addendum

Clinton J. Crook, SCMP, CPSM Senior Buyer

#### GENERAL NOTES AND SPECIFICATIONS

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- 1. ALL STEEL PLATE 44W/300W AND STEEL SHAPES 50W/350W UNLESS NOTED (CSA G40.20/G40.21).
- 2. HOT DIP GALVANIZED (ASTM A123).
  - 3. REFER TO AMERICAN GALVANIZERS ASSOCIATION "DESIGN GUIDE" FOR VENTING HOLES LOCATION AND SIZE
  - 4. WELDING SHALL ONLY BE UNDERTAKEN BY A COMPANY CERTIFIED BY THE CANADIAN WELDING BUREAU (CWB) TO THE REQUIREMENTS OF CSA 47.1 (LATEST EDITION) IN DIVISION 1 OR 2. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AND MEET THE QUALITY REQUIREMENTS OF CSA W59 (LATEST EDITION). ALL WELDERS EMPLOYED BY THE COMPANY SHALL HOLD VALID QUALIFICATIONS ISSUED BY THE CWB. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH WELDING PROCEDURES APPROVED BY THE CWB
    5. ERAMES ARE LDENTICAL EXCEPT FOR HINGE CONFIGURATIONS

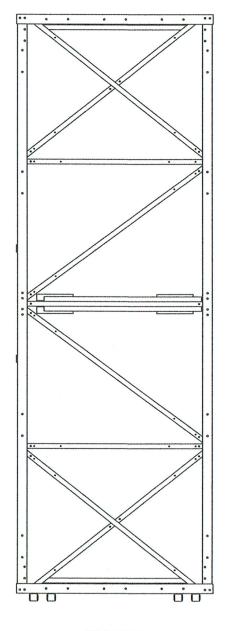
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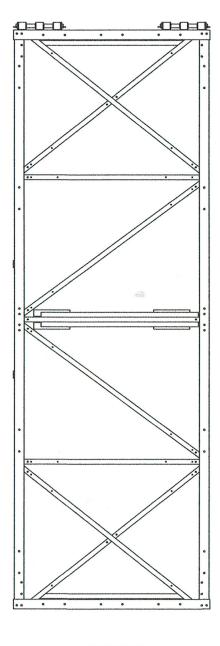
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5. FRAMES ARE IDENTICAL EXCEPT FOR HINGE CONFIGURATIONS



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FRAME 1 SCALE 1:40 FRAME 2 SCALE 1:40

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FESSION	В	CHANGED PIPE FROM 22			20/03/2	010	ЈК	CLIENT	CITY OF CAMPBELL RIVER
AV QUE AND	A	ISSUED FOR TEND			2/03/2		JK		
L. KING	REV.	DESCRIPTION				DATE APPROVED			
25441		DIMENSIONS IN INCHES B (11x17)			WN BY		<sup>dd/mm/yyyy)</sup> /02/2018	PROJECT	
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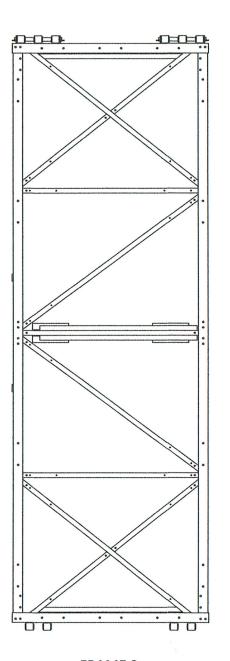
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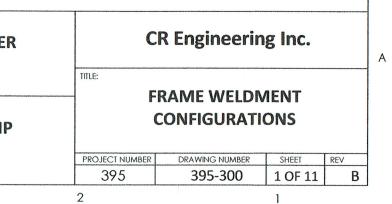
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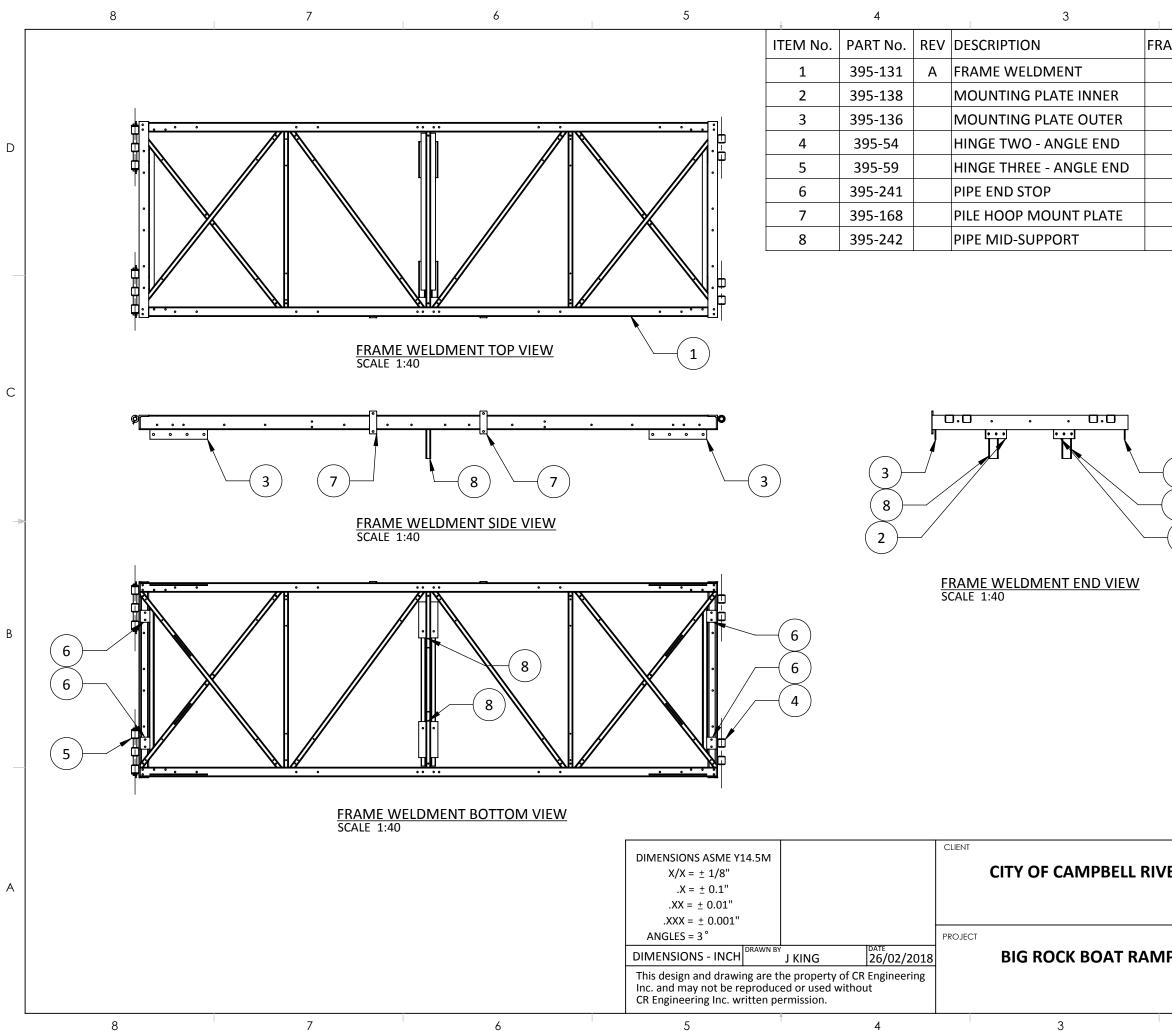
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FRAME 3 SCALE 1:40



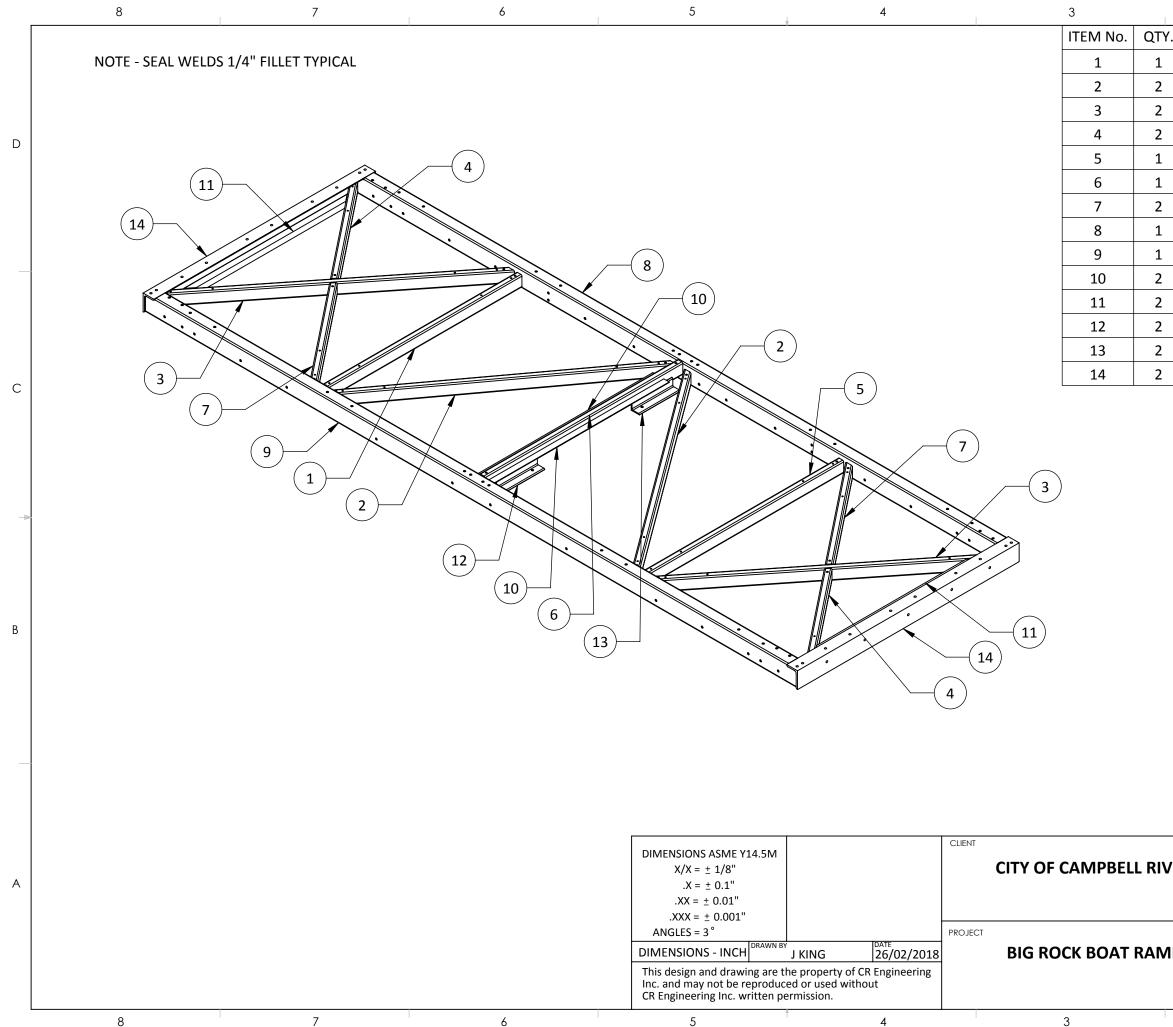


		1	2	
-	MATERIAL	FRAME 3/QTY.	FRAME 2/QTY.	AME 1/QTY.
v	50W/350W	1	1	1
V	44W/300W	4	4	4
V	44W/300W	4	4	4
/	A513 DOM	2	-	2
1	A513 DOM	2	2	-
V	44W/300W	4	4	4
V	44W/300W	2	2	2
v	50W/350W	2	2	2

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ЛР		RAME WELDN NFIGURATION					
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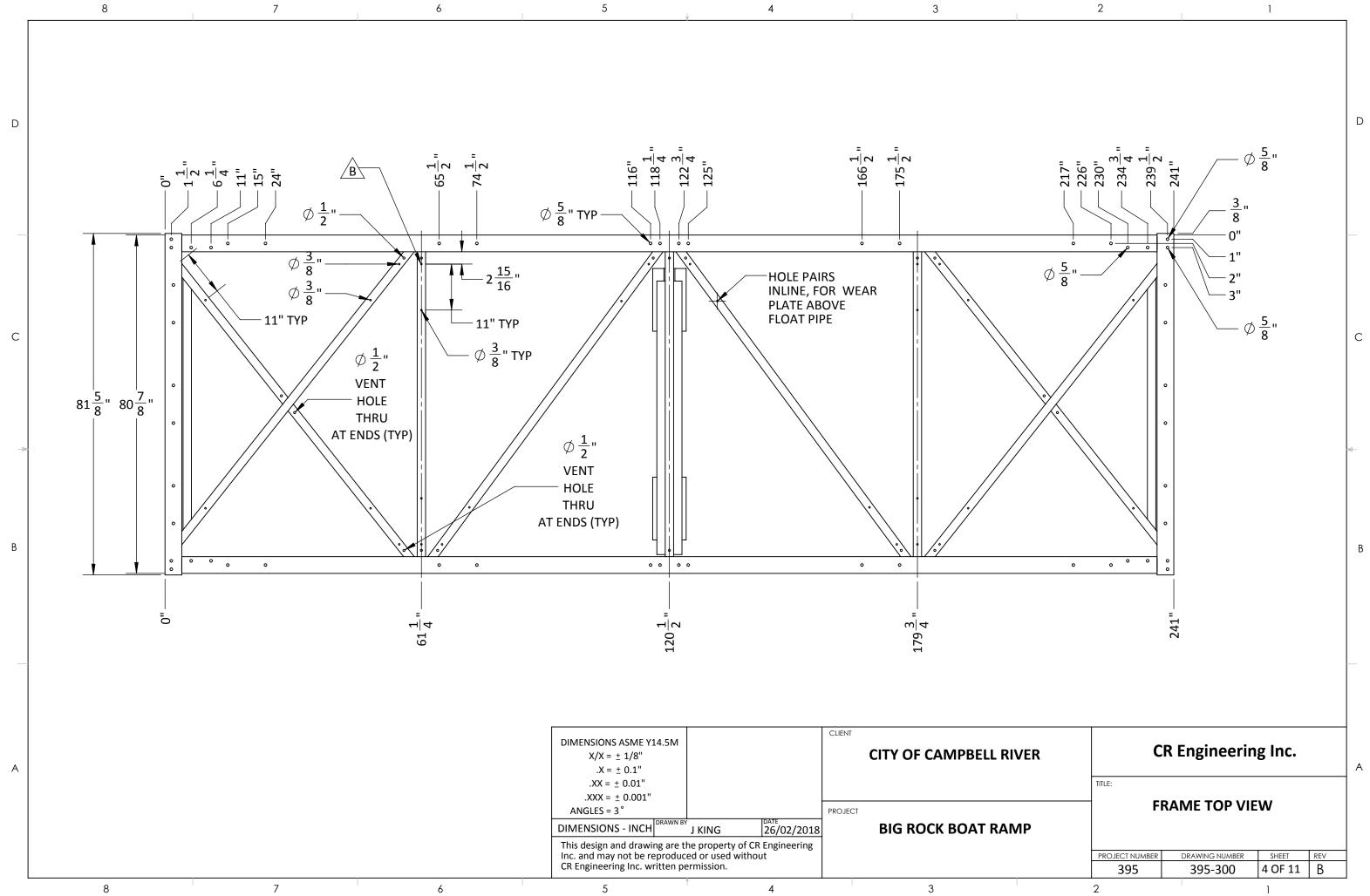
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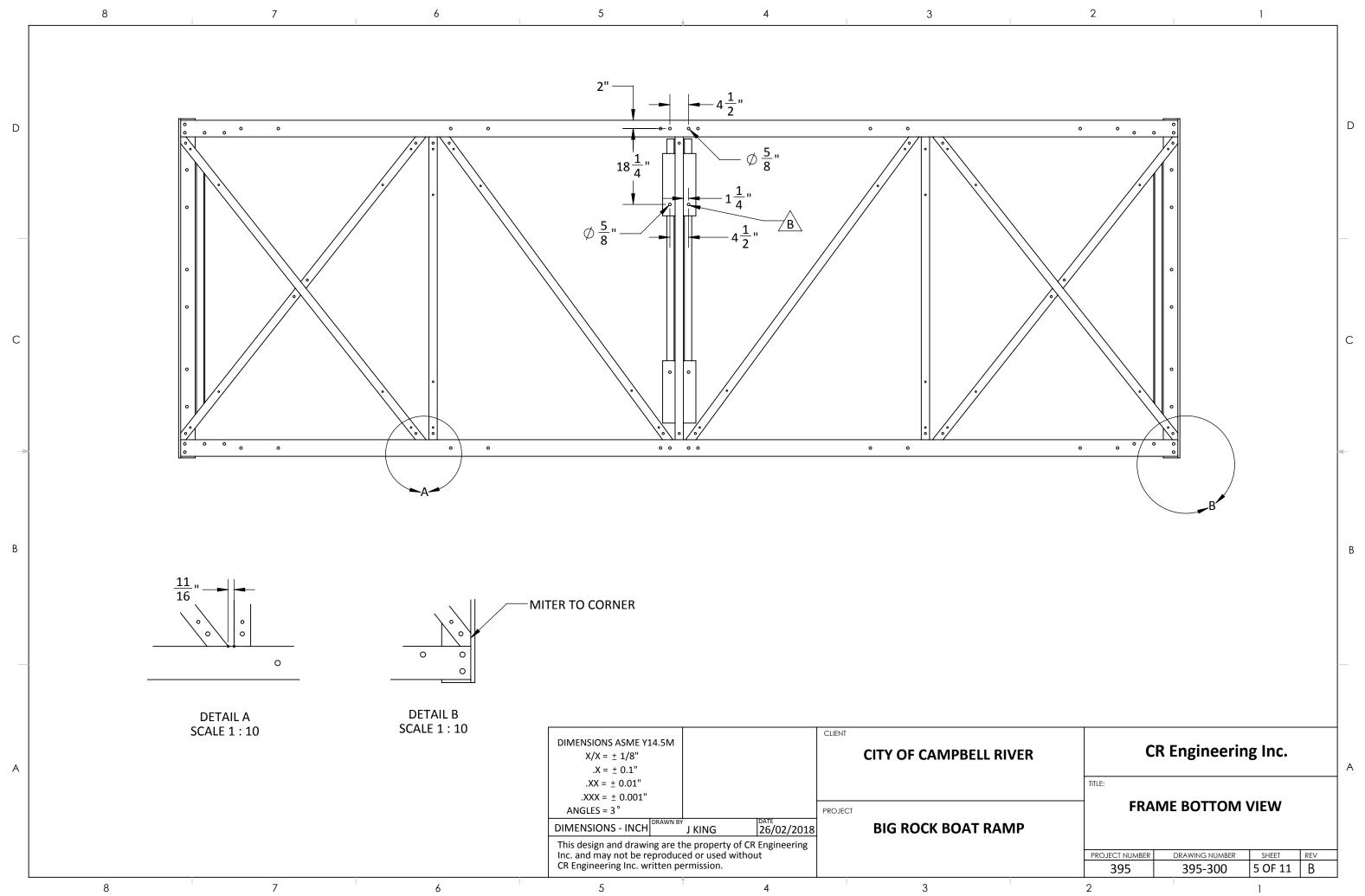


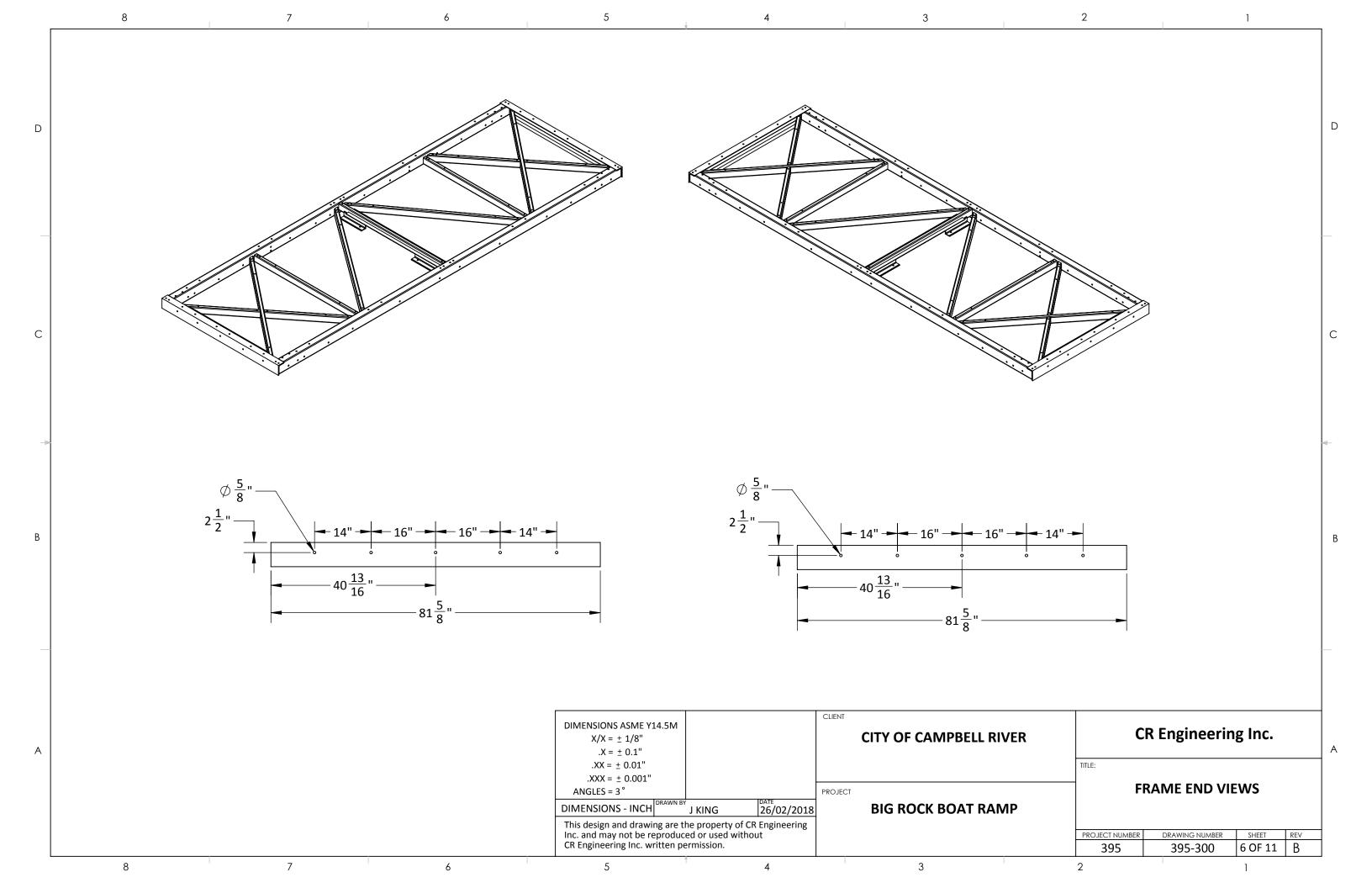
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	TOTAL LENGTH	Description	LENGTH	ί.
	774 5/8"	HSS 4 x 2 x 3/16	72 7/8"	
	774 5/8"	HSS 4 x 2 x 3/16	92"	
	774 5/8"	HSS 4 x 2 x 3/16	93 13/16"	
D	774 5/8"	HSS 4 x 2 x 3/16	45 11/16"	
	774 5/8"	HSS 4 x 2 x 3/16	72 7/8"	
	774 5/8"	HSS 4 x 2 x 3/16	72 7/8"	
	774 5/8"	HSS 4 x 2 x 3/16	46 1/2"	
	480"	HSS 6 x 4 x 3/16"	240"	
	480"	HSS 6 x 4 x 3/16"	240"	
	250 13/16"	L 2 x 2 x 1/4	65 3/8"	
	250 13/16"	L 2 x 2 x 1/4	60 1/16"	
	60"	L3x3 x 5/16"	15"	
	60"	L3x3 x 5/16"	15"	
_	163 1/4"	L6x4 x 1/2	81 5/8"	
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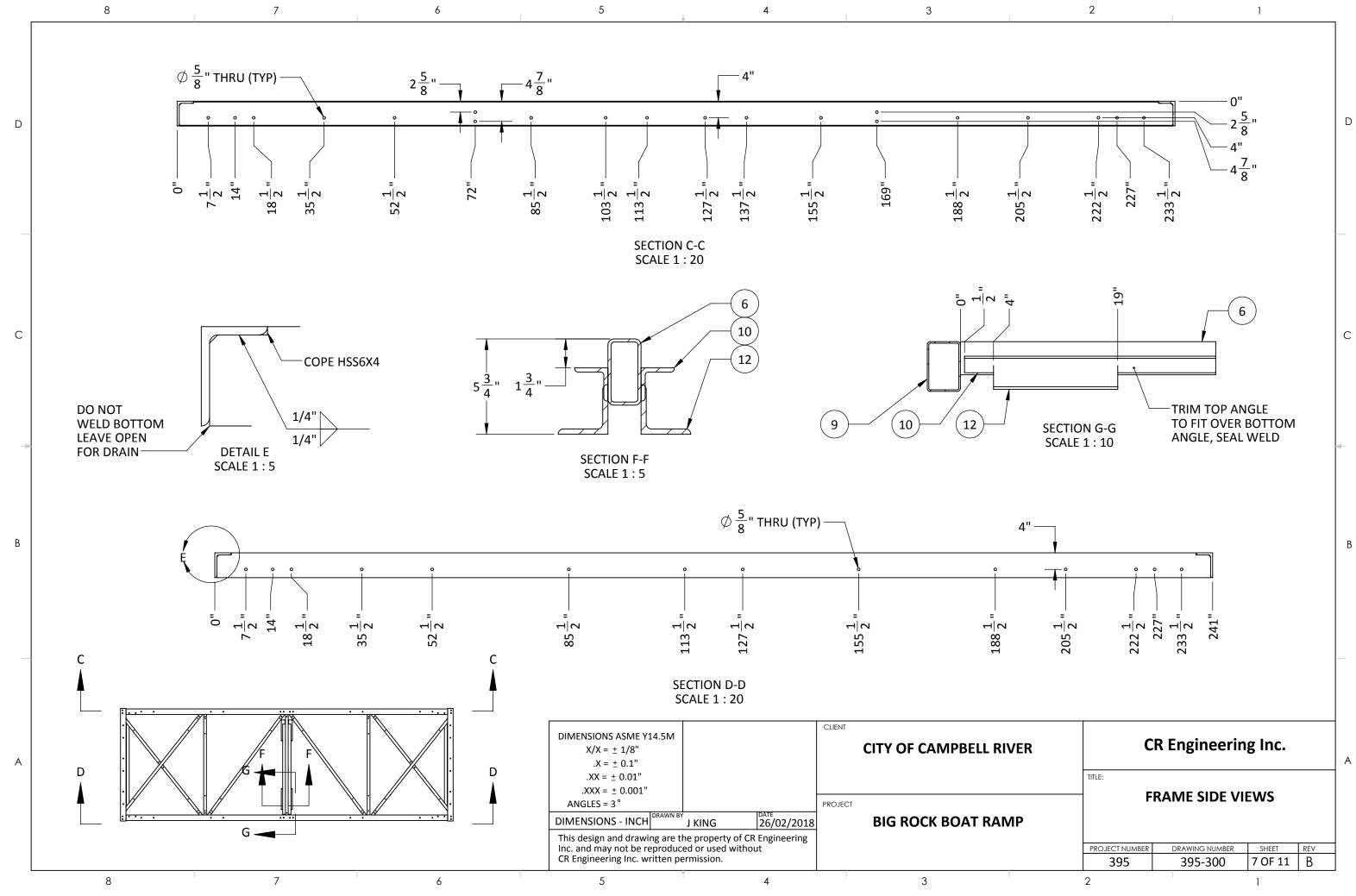
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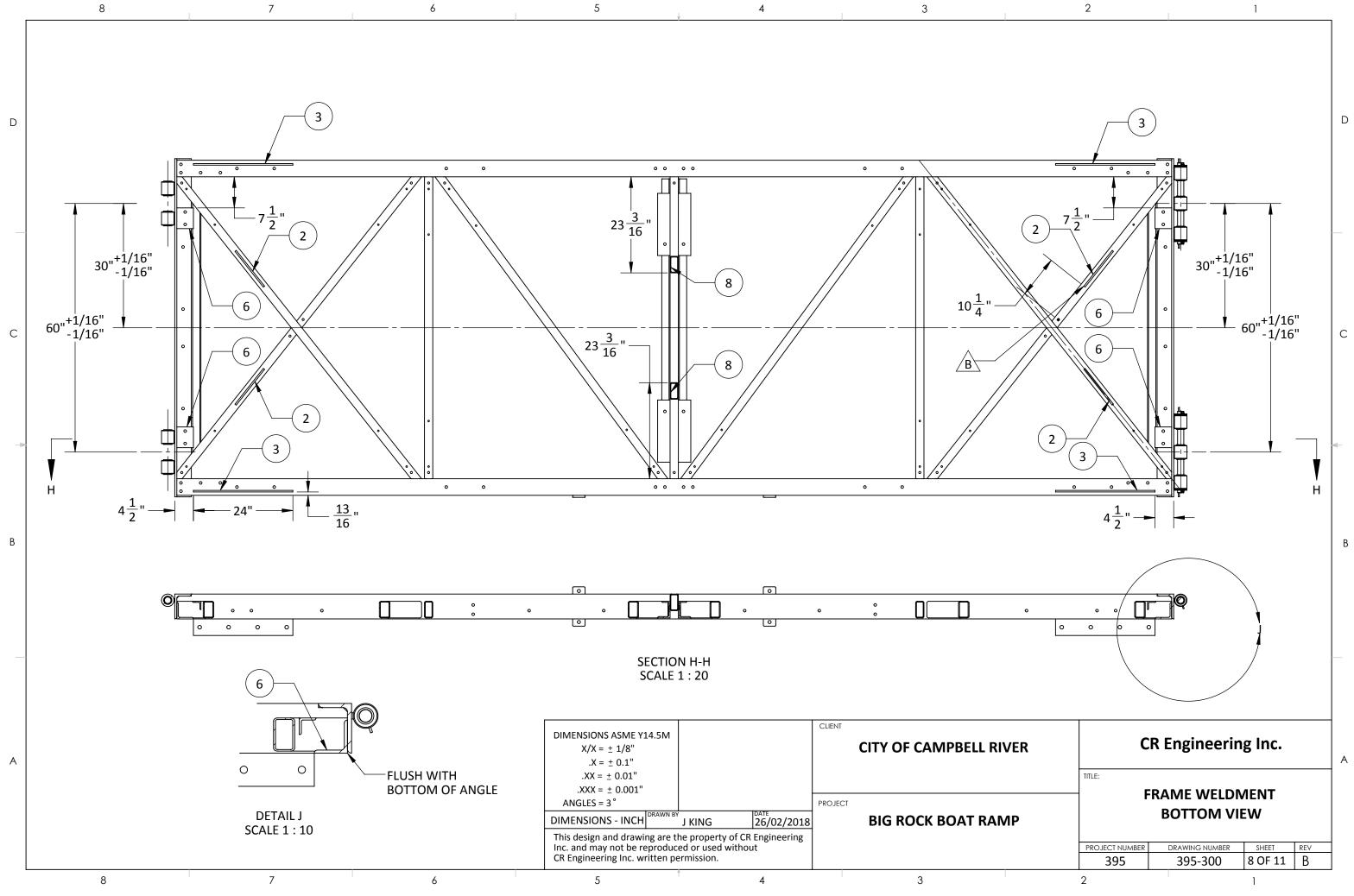
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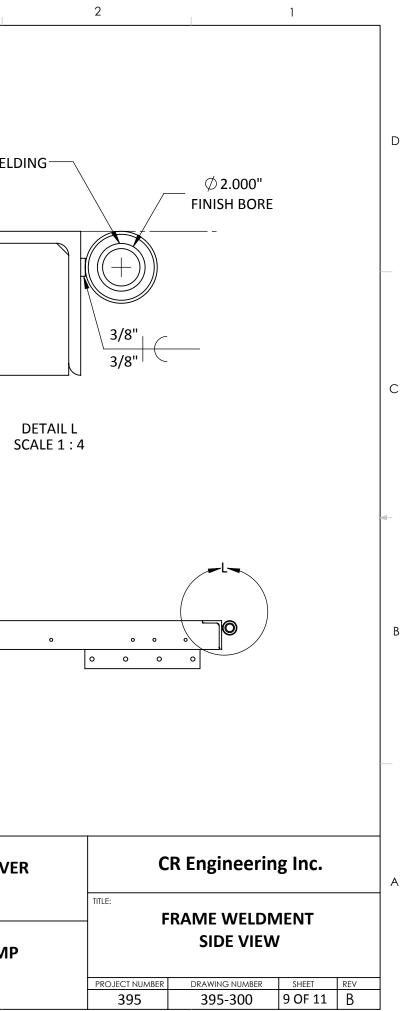


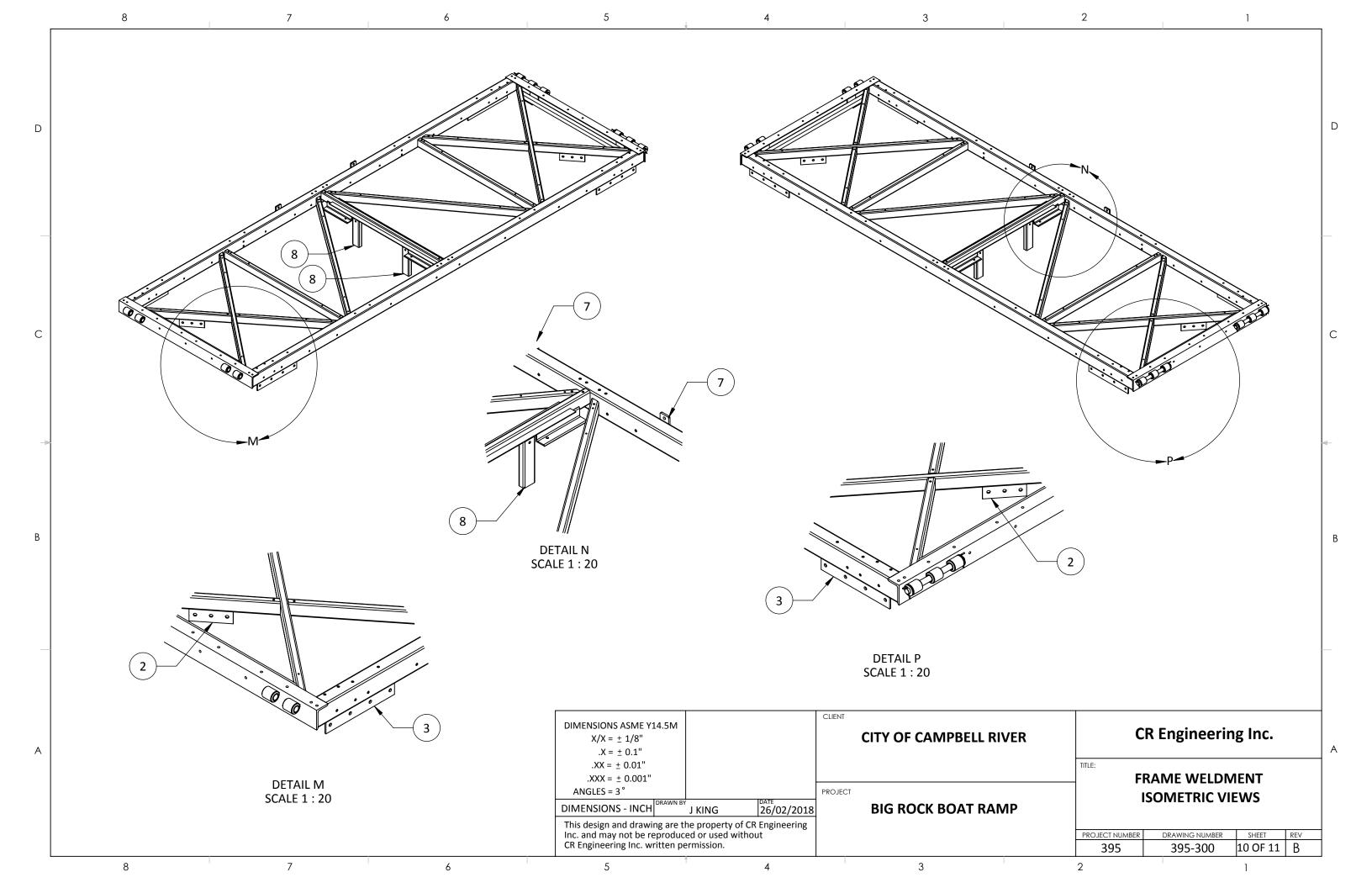


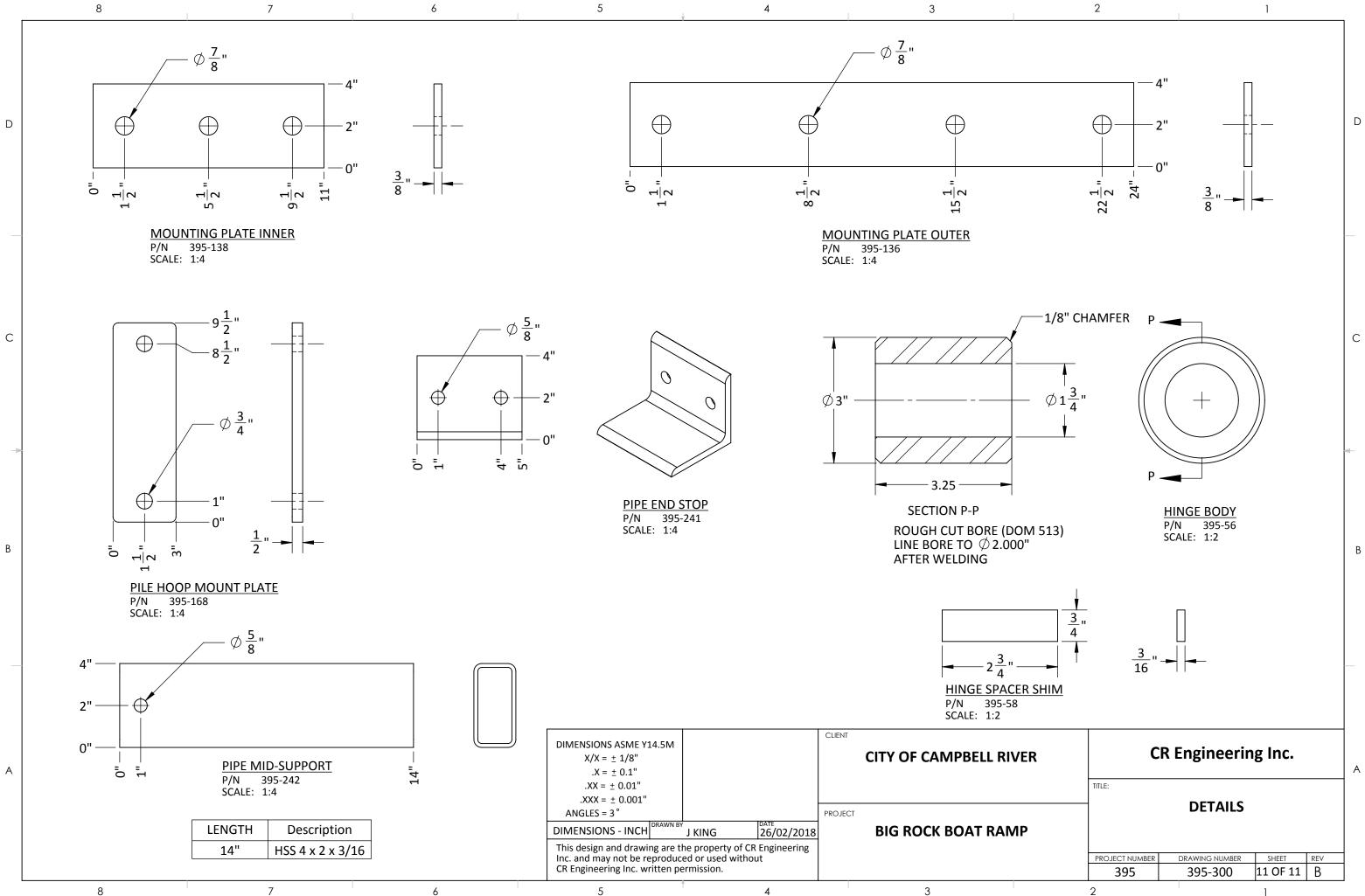




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С		SPACER SHIM DET	AIL K E 1 : 4			
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A				DIMENSIONS ASME Y14.5M $X/X = \pm 1/8"$ $.X = \pm 0.1"$ $.XX = \pm 0.01"$ $.XXX = \pm 0.001"$ ANGLES = 3° DIMENSIONS - INCH DRAWN B This design and drawing are to Inc. and may not be reproduce CR Engineering Inc. written p	Y J KING 26/02/2018 The property of CR Engineering the or used without ermission.	CLIENT CITY OF CAMPBELL RIVE
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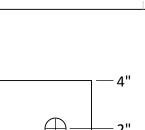


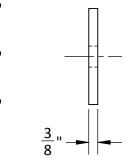




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GENERAL NOTES AND	SPECIFICATIONS			
50W/350W UNLESS 2. HOT DIP GALVANIZ 3. REFER TO AMERICA "DESIGN GUIDE" FO 4. ALUMINUM PLATE SHAPES 6061-T6 (A 5. UHMW - RECYCLEI 6. WOOD - DOUGLASS 8. HDPE PIPE - MANU 9. HDPE PIPE WELDIN 10. HDPE PIPE FOAM ASTM D6817 (NO 11. WELDING SHALL O THE CANADIAN WI CSA 47.1 AND CSA DONE IN ACCORD OF CSA W59 AND ALL WELDERS EMI QUALIFICATIONS I ALL WELDING SHA	AN GALVANIZERS ASSOCIA DR VENTING HOLES LOCAT 5052-H32 (ASTM B209-1 ASTM B308). D UV STABILIZED BLACK 5 FIR #1 GRADE, ROUGH C JFACTURED IN ACCORDAN NG - END CAPS TO BE BUT - 22" DIAMETER ROUND B MORE THAN 1" ANNULAR DNLY BE UNDERTAKEN BY ELDING BUREAU (CWB) TO A 47.2(LATEST EDITION) IN	0.21). ATION FION AND SIZE .0), UT NCE WITH ASTM F714 PE4710 F T FUSED BY A MCEIroy CERTIFIE SILLET EPS 15 KOROLITE EPS GE SPACE ACCEPTED) A COMPANY CERTIFIED BY D THE REQUIREMENTS OF I DIVISION 1 OR 2. ALL WELDIN TE QUALITY REQUIREMENTS Y SHALL HOLD VALID NCE WITH WELDING	ED WELDER TO ASTM F2620 EOFOAM	

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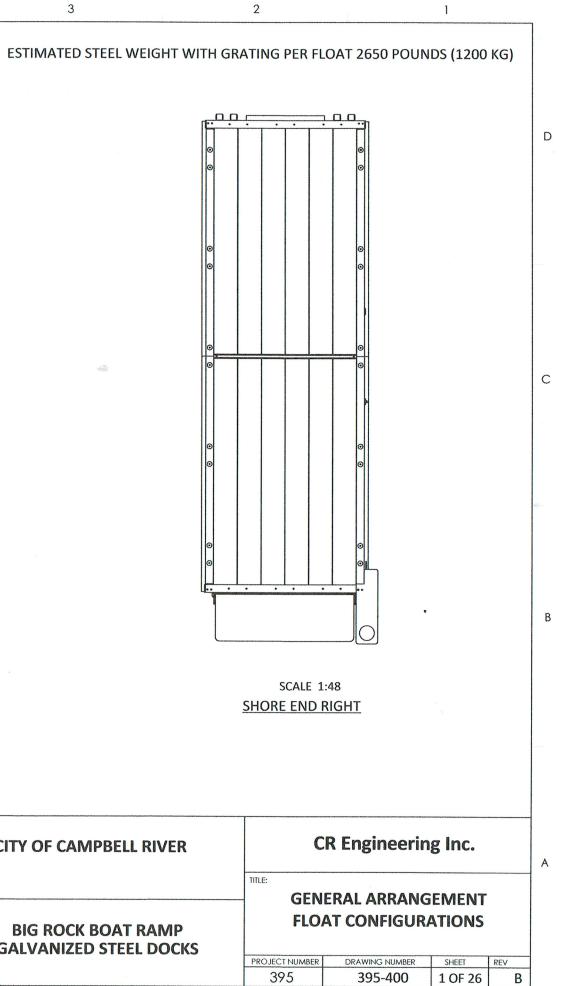
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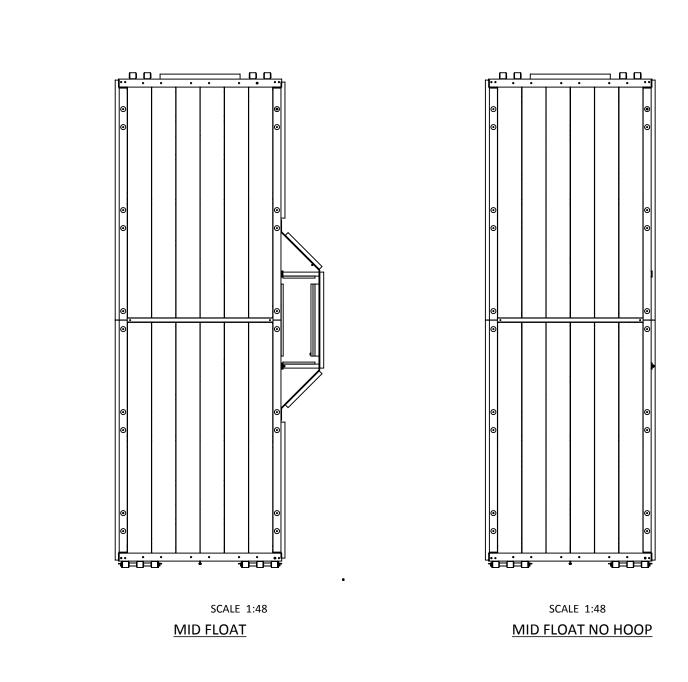
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SCALE 1:48 SHORE END LEFT

								CLIENT	
	Course Cours								CITY OF CAMPBELL RIVER
	FESSION	B CHANGED	FLOAT PIPE FROM	1 22" TO 20"		20/03/201	8 JK		
	" STATOY CONST	А	SSUED FOR TEND	ER		2/03/2018	3 JK		
	17 PUNG	REV.	REV. DESCRIPTION				APPROVED		
	J.J. KING	REVISIONS							
	25441			SHEET SIZE			TE (dd/mm/yyyy)	PROJECT	
	2 XAMMAD - 2 DIG	DIMENSIONS IN	INCHES	B (11x17)	1 KI	NG   2	7/02/2018		
	CH GINEER MAN	This drawing is the proper CR Engineering Inc. writter	ty of CR Engineeri n permission, or u	ng Inc. and may sed for other tha	not be re in appro	eproduced w ved purpose	vithout Is.		BIG ROCK BOAT RAMP GALVANIZED STEEL DOCKS
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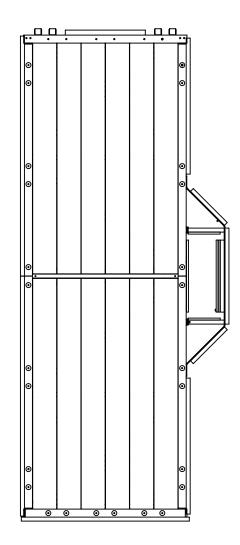


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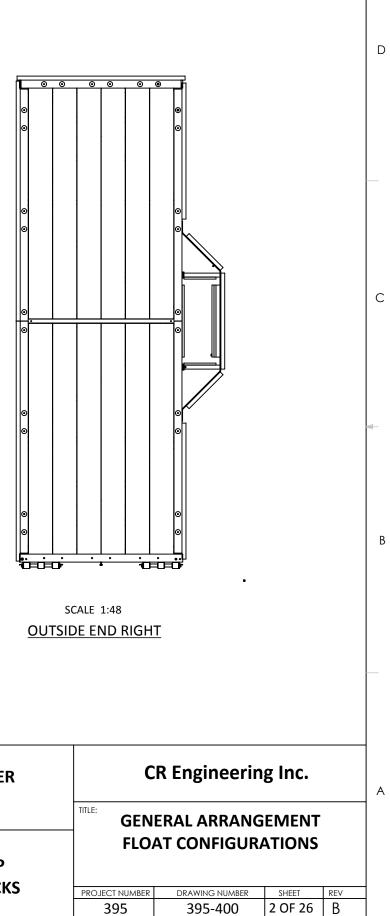
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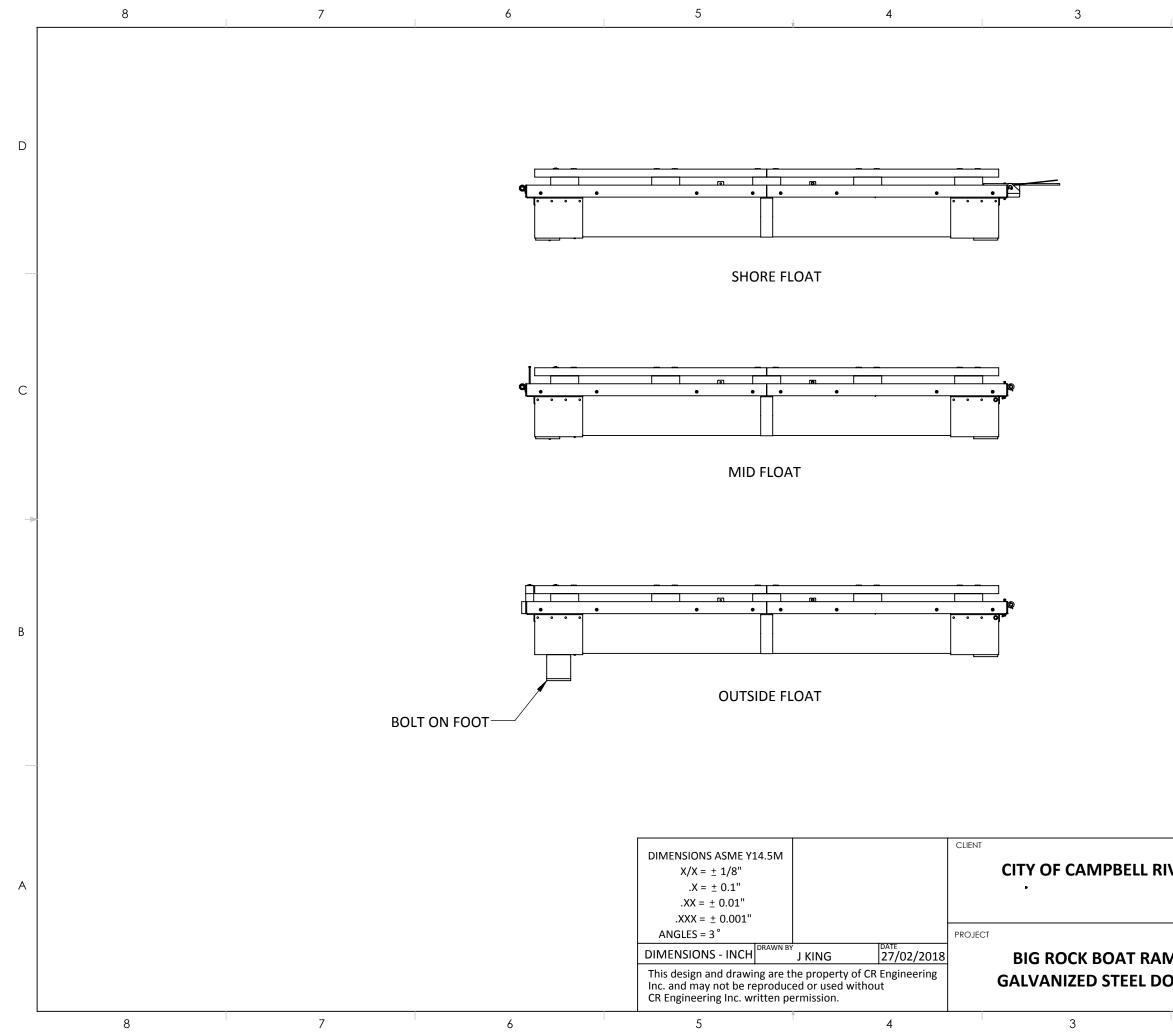
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SCALE 1:48
OUTSIDE END LEFT

	This design and drawing are t Inc. and may not be reproduc CR Engineering Inc. written pe	he property of CR Engineering ed or used without	GALVANIZED STEEL DOCKS
	$.XX = \pm 0.01"$ $.XXX = \pm 0.001"$ $ANGLES = 3^{\circ}$ DIMENSIONS - INCH	J KING 27/02/2018	PROJECT BIG ROCK BOAT RAMP
	DIMENSIONS ASME Y14.5M X/X = ± 1/8" .X = ± 0.1"		CLIENT CITY OF CAMPBELL RIVER

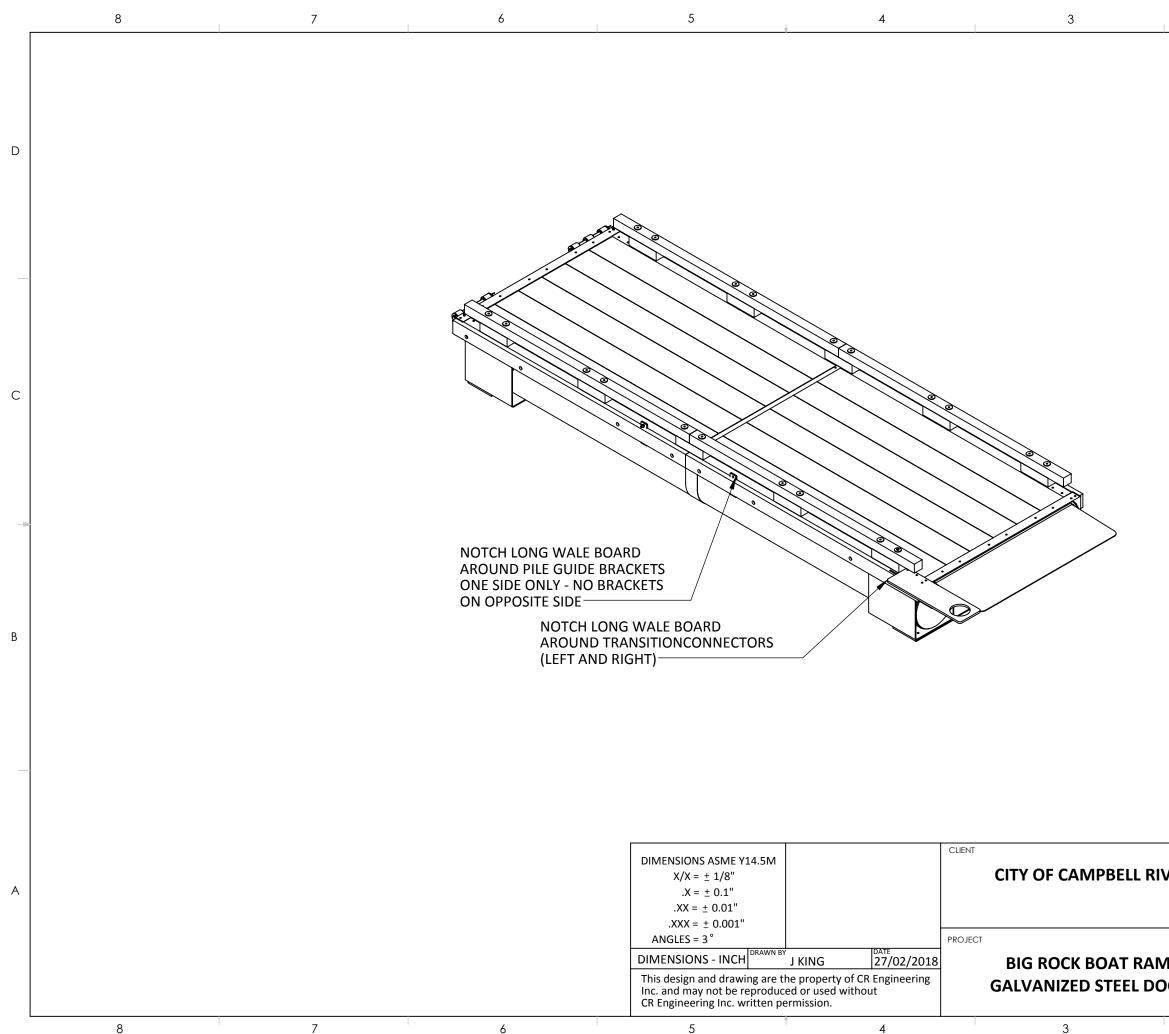




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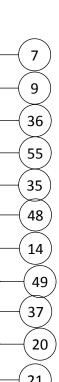
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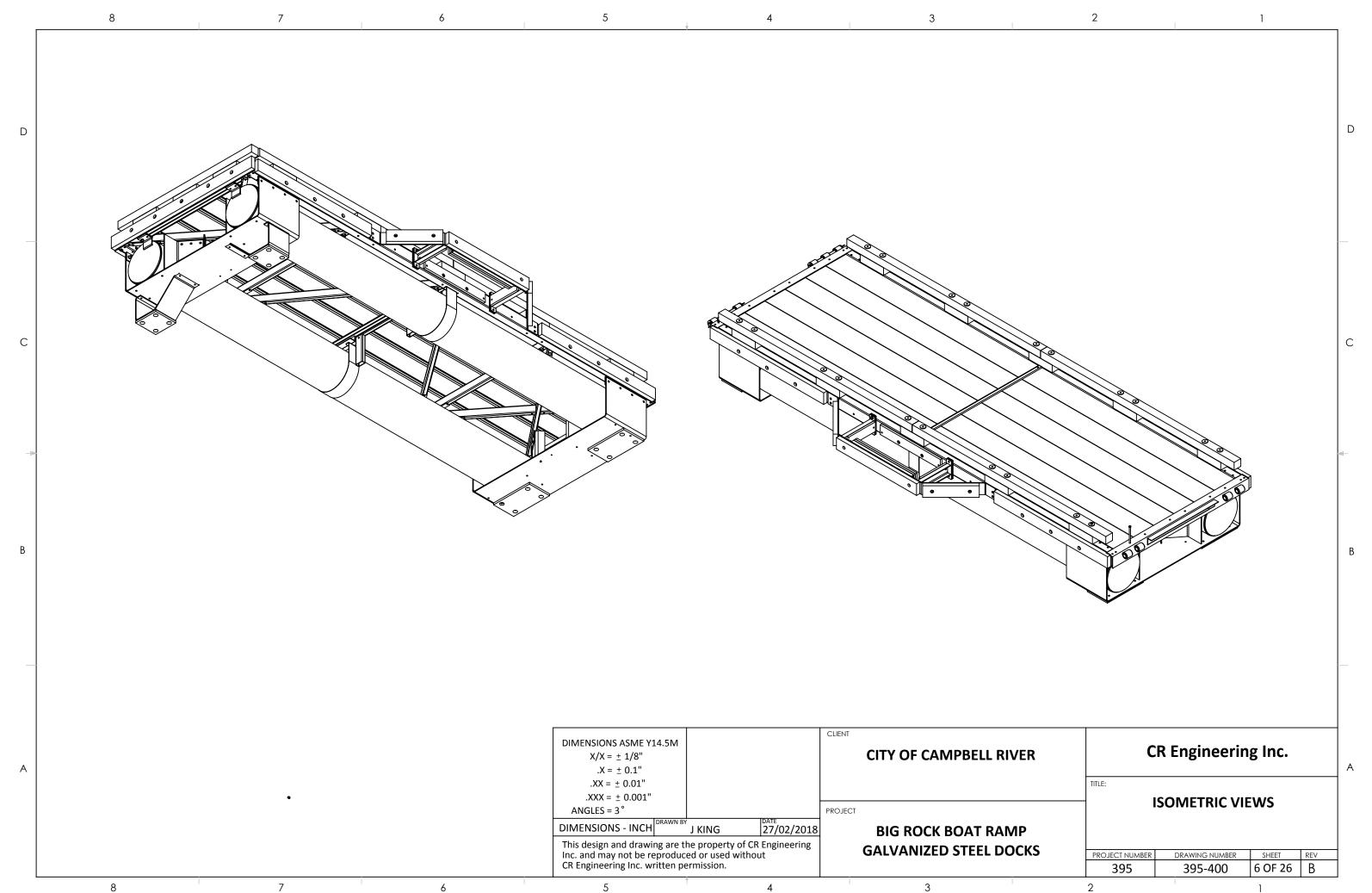
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VER	CR Engineering Inc.						
ИР	GEN	NERAL ARRANO FLOAT	GEMEN'	Г			
DCKS	PROJECT NUMBER	DRAWING NUMBER	SHEET	REV	İ		
	395	395-400	4 OF 26	В			

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		18		
	6		58	
	(42) (1)		30	
	23		7 9 36	
			55	
	3 38 53	25 49	48 48 48 49	
	NOTE - ASSEMBLE WITH ONE STAINLESS FLAT WASHER BETWEEN ALUMINUM AND GALVANIZED BRACKET, ONE WASHER ON EACH SIDE, TOTAL STAINLESS WASHERS IS THREE	37	37 20 21	
		DIMENSIONS ASME Y14.5M X/X = ± 1/8" .X = ± 0.1"	CLIENT CITY OF CAMPBELL RIVER	CR Engineering Inc.
		$\begin{array}{c c} .XX = \pm 0.01''\\ .XXX = \pm 0.001''\\ ANGLES = 3 ^{\circ} \end{array}$ DIMENSIONS - INCH DRAWN BY J KING 27/02/2 This design and drawing are the property of CR Engineeri	PROJECT BIG ROCK BOAT RAMP GALVANIZED STEEL DOCKS	
		This design and drawing are the property of CR Engineeri Inc. and may not be reproduced or used without CR Engineering Inc. written permission.	GALVAINIZED STEEL DUCKS	PROJECT NUMBER         DRAWING NUMBER         SHEET         RE           395         395-400         5 OF 26         E









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PART No.	DESCRIPTION	SHORE END LEFT/QTY.	SHORE END RIGHT/QTY.	MID FLOAT/QTY.	MID FLOAT NO HOOP/QTY.	OUTSIDE END LEFT/QTY.	OUTSIDE END RIGHT/QTY.	TOTAL	MATERIAL	
395-08	20" (508mm), HDPE DR 32.5, BUTT FUSED END CAPS FILLED WITH ROUND TYPE 2 KOROFLOAT FOAM	<sup>5</sup> , 2	2	2	2	2	2		HDPE	
395-244	CONNECTOR BACKING PLATE	1	1	-	-	-	-		44W/300W	
395-275	CONNECTOR LEFT	1	-	-	-	_	-		44W/300W	
395-270	CONNECTOR RIGHT	-	1	-	-	-	-		44W/300W	
395-206	END FLOAT FOOT	-	-	-	-	2	2		5052-H32	
395-145	FLOAT GAP FILLER ANGLE	-	1	1	1	1	-		44W/300W	
395-300	FRAME 1 WELDMENT	-	1	-	-	1	_		300W/350W	
395-300	FRAME 2 WELDMENT	1	-	-	-	-	1		300W/350W	
395-300	FRAME 3 WELDMENT	-	-	1	1	-	-		300W/350W	
395-42	GRATING - ROUND HOLE 12" x 1-1/2", 13 GA	12	12	12	12	12	12		STEEL	
395-52	HINGE PIN	2	-	2	2	-	2		316 SS	
395-65	PILE GUIDE	-	-	1	-	1	1		44W/300W	
395-241	PIPE END STOP	4	4	4	4	4	4		44W/300W	
395-180	PIPE SUPPORT	2	2	2	2	2	2		5052-H32	
395-141	STAINLESS WEAR PLATE	16	16	16	16	16	16		304 SS	
395-43	STRAP	2	2	2	2	2	2		316 SS	
395-253	TIE UP RAIL BLOCK	10	10	10	10	13	13		ROUGH CUT FIR	
395-254	TIE UP RAIL END	-	-	-	_	1	1		ROUGH CUT FIR	
395-252	TIE UP RAIL SIDE	4	4	4	4	4	4		ROUGH CUT FIR	
395-281	TRANSITION PLATE SUPPORT ANGLE	1	1	_	_	_	_		44W/300W	
395-155	TRANSITION RAMP	1	1	_	_	_	_		44W/300W	
395-44	UHMW BOTTOM SHOE	4	4	4	4	2	2		BLACK UHMW	
395-207	UHMW END FOOT SHOE	-	_	-	_	2	2		BLACK UHMW	
395-146	WALE BOARD END	-	-	-	_	1	1		ROUGH CUT FIR	
395-151	WALE BOARD LONG SIDE	4	4	2	4	2	2		ROUGH CUT FIR	
395-147	WALE BOARD SHORT SIDE	-	-	2	-	2	2		ROUGH CUT FIR	
395-208	TIMBER WASHER 1/2"	20	20	20	20	26	26		GALVANIZED	
395-245	ZINC ANODE 3LB	2	2	2	2	2	2		MARTYR CM706A OR EQUIVALENT	
		X/X = .X = .XX =	± 0.1" ± 0.01" ± 0.001"			TY OF CAMPB	BELL RIVER	TITLE:	CR Engineerii PARTS AND ASSI BILL OF MATE	EMBLIES
		DIMENSIONS	DRAWN BY	KING 27/0	DATE 27/02/2018 BIG ROCK BOAT RAMP					
		Inc. and may		property of CR Engin or used without	aaring	LVANIZED ST			CT NUMBER DRAWING NUMBER 395 395-400	SHEET         REV           7 OF 26         B

DIMENSIONS ASME Y14.5 X/X = ± 1/8" .X = ± 0.1" .XX = ± 0.01" .XXX = ± 0.001"	м		CLIENT	CITY OF CAMPBELL RIVE
ANGLES = 3 °			PROJECT	
	J KING	DATE 27/02/2018		<b>BIG ROCK BOAT RAMP</b>
This design and drawing a Inc. and may not be repro CR Engineering Inc. writte	oduced or used withou			GALVANIZED STEEL DOC
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PART No.	DESCRIPTION		SHORE END LEFT/QTY.	SHORE END RIGHT/QTY.	MID FLOAT/QTY.	MID FLOAT NO HOOP/QTY.	OUTSIDE END LEFT/QTY.	OUTSIDE END RIGHT/QTY.	TOTAL	MATERIAL
HFBOLT 0.25- 20x4.5x0.75-N	BOLT 1/4 x 4-1/2 V WASHERS, RED LO	WITH NUT AND TWO FLAT OCKTITE NUT	32	32	32	32	32	32	448	GALVANIZED
HFBOLT 0.375- 16x1.25x1-N		WITH NYLOCK NUT AND TWO FLAT	4	4	4	4	4	4	56	18-8 STAINLESS
HFBOLT 0.5- 13x1.5x1.25-N	BOLT 1/2 x 1-1/2 V WASHERS	WITH NYLOCK NUT AND TWO FLAT	4	4	4	4	4	4	56	18-8 STAINLESS
HFBOLT 0.5- 13x1.75x1.25-N	BOLT 1/2 x 1-3/4 \ WASHERS	WITH NYLOCK NUT AND TWO FLAT	-	-	-	-	8	8	16	18-8 STAINLESS
HFBOLT 0.5- 13x2x1.25-N	BOLT 1/2 x 2 WITH RED LOCKTITE NU	H NUT AND TWO FLAT WASHERS, T	-	3	3	3	3	-	36	GALVANIZED
HFBOLT 0.5- 13x2.5x1.25-N	BOLT 1/2 x 2-1/2 V WASHERS, RED LO	WITH NUT AND TWO FLAT OCK TITE NUT	5	5	12	-	17	17	56	GALVANIZED
HFBOLT 0.5- 13x3x1.25-N	BOLT 1/2 x 3 WITH RED LOCKTITE NU	HNUT AND TWO FLAT WASHERS, T	-	-	2	-	2	2		GALVANIZED
HFBOLT 0.5- 13x5.5x1.25-N	BOLT 1/2 x 5-1/2 V WASHERS, RED LO	WITH NUT AND TWO FLAT OCK TITE NUT	-	-	8	-	8	8	64	GALVANIZED
HFBOLT 0.5- 13x6x1.25-N	BOLT 1/2 x 6 WITH RED LOCKTITE NU	HNUT AND TWO FLAT WASHERS, T	2	2	-	-	-	-	4	GALVANIZED
HFBOLT 0.5- 13x6.5x1.25-N	BOLT 1/2 x 6-1/2 V WASHERS, RED LO	WITH NUT AND TWO FLAT DCKTITE NUT	16	16	16	16	16	16	224	GALVANIZED
HFBOLT 0.5- 13x8x1.25-N	BOLT 1/2 x 8 WITH RED LOCKTITE NU	HNUT AND TWO FLAT WASHERS, T	4	4	-	-	-	-	8	GALVANIZED
HFBOLT 0.5- 20x10x1.25-N	BOLT 1/2 x 10 WIT RED LOCKTITE NU	TH NUT AND TWO FLAT WASHERS, T	-	-	-	-	6	6	12	GALVANIZED
HHSBOLT 0.6250- 11x2x1.25-N	BOLT 5/8 x 2 GRAI WASHERS, RED LO	DE A307 WITH NUT AND TWO FLAT DCKTITE NUT	4	4	4	4	4	4	56	GALVANIZED
HHSBOLT 0.7500- 10x2x1.375-N	STAINLESS FLAT W	7 3/4 x 2 WITH NUT AND THREE /ASHERS, RED LOCKTITE NUT	28	28	28	28	28	28	392	GALVANIZED
SCHCSCREW 0.625- 11x2x2-HX-N	SCREW COUNTERS	SUNK 5/8 x 2, WITH NYLOCK NUT ASHER	16	16	16	16	16	16	224	18-8 STAINLESS

		1	
	DIMENSIONS ASME Y14.5M X/X = ± 1/8" .X = ± 0.1" .XX = ± 0.01" .XXX = ± 0.001"		CLIENT CITY OF CAMPBELL RIVER
	ANGLES = 3 °		PROJECT
	DIMENSIONS - INCH	J KING 27/02/2018	<b>BIG ROCK BOAT RAMP</b>
	This design and drawing are the Inc. and may not be reproduce CR Engineering Inc. written pe		GALVANIZED STEEL DOCKS
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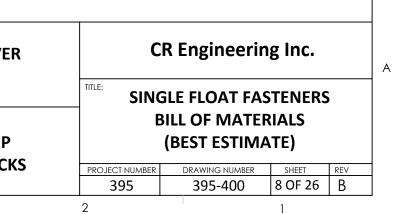
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	ITEM No.	PART No.	DESCRIPTION	QTY.	MATERIAL
	1	395-08	20" (508mm), HDPE DR 32.5, BUTT FUSED END CAPS, FILLED WITH ROUND TYPE 2 KOROFLOAT FOAM	28	HDPE
	2	395-244	CONNECTOR BACKING PLATE	2	44W/300W
D	3	395-206	END FLOAT FOOT	4	5052-H32
	4	395-145	FLOAT GAP FILLER ANGLE	12	44W/300W
	5	395-131	FRAME WELDMENT	14	50W/350W
	6	395-42	GRATING - ROUND HOLE 12" x 1-1/2", 13 GA	168	STEEL
	7	395-56	HINGE BODY	120	A513 1026 DOM (3" x 1.75") OR EQUIVALENT
	8	395-57	HINGE BUSHING	120	MD FILLED NYLON 2" x 1-1/2"
	9	395-52	HINGE PIN	48	316 SS
	10	395-58	HINGE SPACER SHIM	120	44W/300W
	11	281-95	KEEPER PIN	48	304 SS
С	12	395-138	MOUNTING PLATE INNER	56	44W/300W
	13	395-136	MOUNTING PLATE OUTER	56	44W/300W
	14	395-241	PIPE END STOP	112	44W/300W
	15	395-62	PILE GUARD CHANNEL	16	44W/300W
	16	395-63	PILE GUARD MOUNTING CHANNEL	8	44W/300W
	17	395-164	PILE GUARD MOUNTING PLATE	16	44W/300W
	18	395-61	PILE GUIDE GUARD	8	44W/300W
	19	395-168	PILE HOOP MOUNT PLATE	28	44W/300W
	20	395-142	PIPE INNER BRACKET LEFT	28	5052-H32
	21	395-142	PIPE INNER BRACKET RIGHT	28	5052-H32
	22	395-242	PIPE MID-SUPPORT	28	50W/350W
В	23	395-137	PIPE SUPPORT	28	5052-H32
	24	395-141	STAINLESS WEAR PLATE	224	304 SS
	25	395-43	STRAP	28	316 SS

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ITEM No.	PART No.	DESCRIPTION	QTY.	MATERIAL	
26	395-253	TIE UP RAIL BLOCK	146	ROUGH CUT FIR	
27	395-254	TIE UP RAIL END	2	ROUGH CUT FIR	
28	395-252	TIE UP RAIL SIDE	56	ROUGH CUT FIR	
29	395-208	TIMBER WASHER 1/2"	292	GALVANIZED	
30	395-144	TRANSITION CONNECTOR PLATE	2	44W/300W	
31	395-272	TRANSITION CONNECTOR SPACER BLOCK	2	44W/300W	
32	395-271	TRANSITION CONNECTOR STIFFENER	2	44W/300W	
33	395-152	TRANSITION HINGE SHAFT	2	44W/300W	
34	395-163	TRANSITION KEEPER PIN	4	304 SS	
35	395-153	TRANSITION PLATE	2	44W/300W	
36	395-281	TRANSITION PLATE SUPPORT ANGLE	2	44W/300W	
37	395-44	UHMW BOTTOM SHOE	52	BLACK UHMW	
38	395-207	UHMW END FOOT SHOE	4	BLACK UHMW	
39	395-66	UHMW WEAR PLATE SIDE	16	BLACK UHMW	С
40	395-67	UHMW WEAR PLATE OUTER	24	BLACK UHMW	
41	395-146	WALE BOARD END	2	ROUGH CUT FIR	
42	395-151	WALE BOARD LONG SIDE	40	ROUGH CUT FIR	
43	395-147	WALE BOARD SHORT SIDE	16	ROUGH CUT FIR	
44	395-148	WALE BOARD HOOP OUTSIDE	8	ROUGH CUT FIR	
45	395-149	WALE BOARD HOOP SIDE	16	ROUGH CUT FIR	-
46	395-245	ZINC ANODE 3LB	28	MARTYR CM706A OR EQUIVALENT	

	DIMENSIONS ASME Y14.5M X/X = ± 1/8" .X = ± 0.1"		CLIENT
	$.XX = \pm 0.01''$ $.XX = \pm 0.001''$ $.XXX = \pm 0.001''$		
	ANGLES = 3°		PROJECT
		J KING 27/02/2018	<b>BIG ROCK BOAT RAMP</b>
	This design and drawing are t Inc. and may not be reproduc CR Engineering Inc. written pe		GALVANIZED STEEL DOCKS
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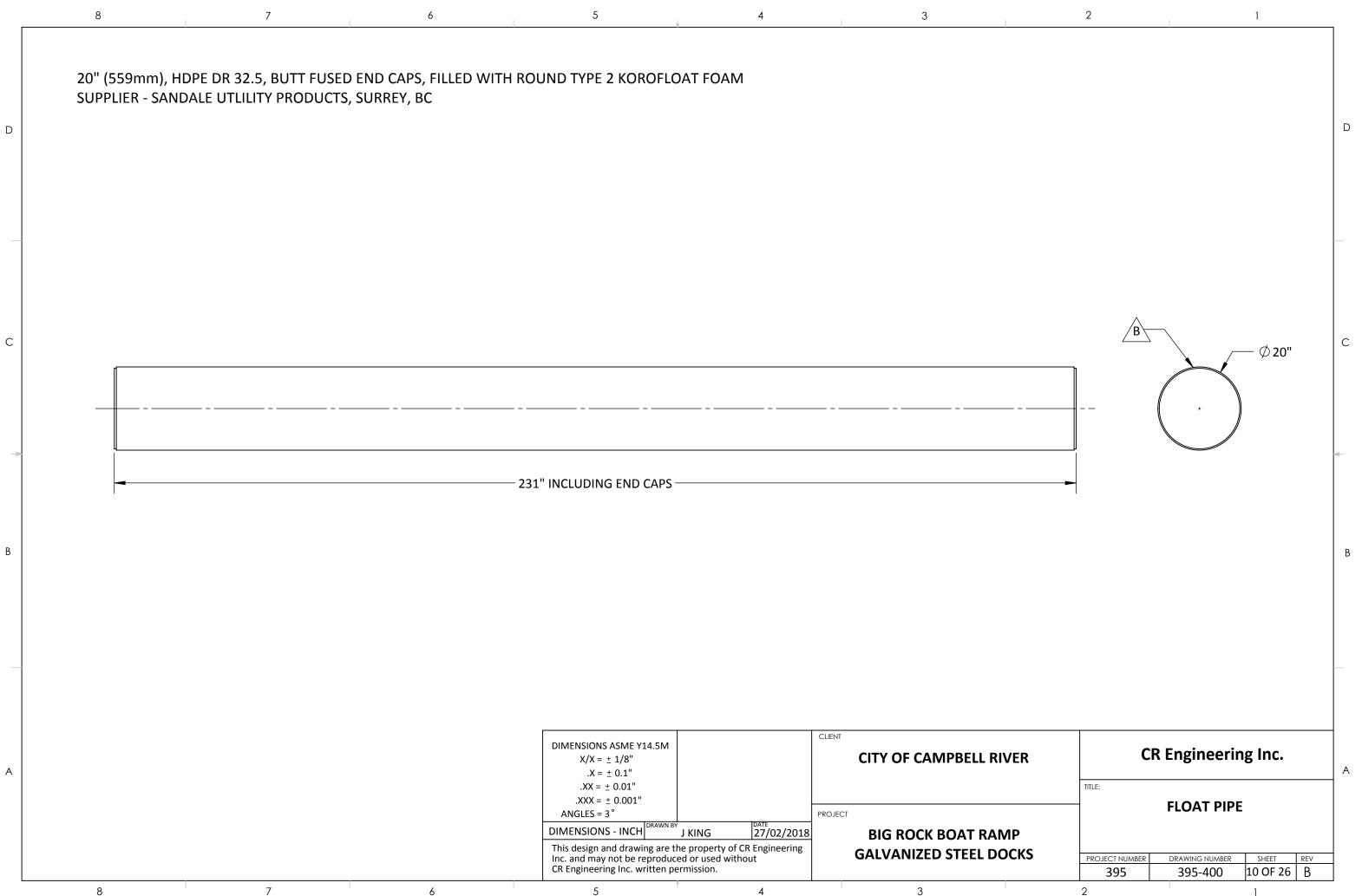
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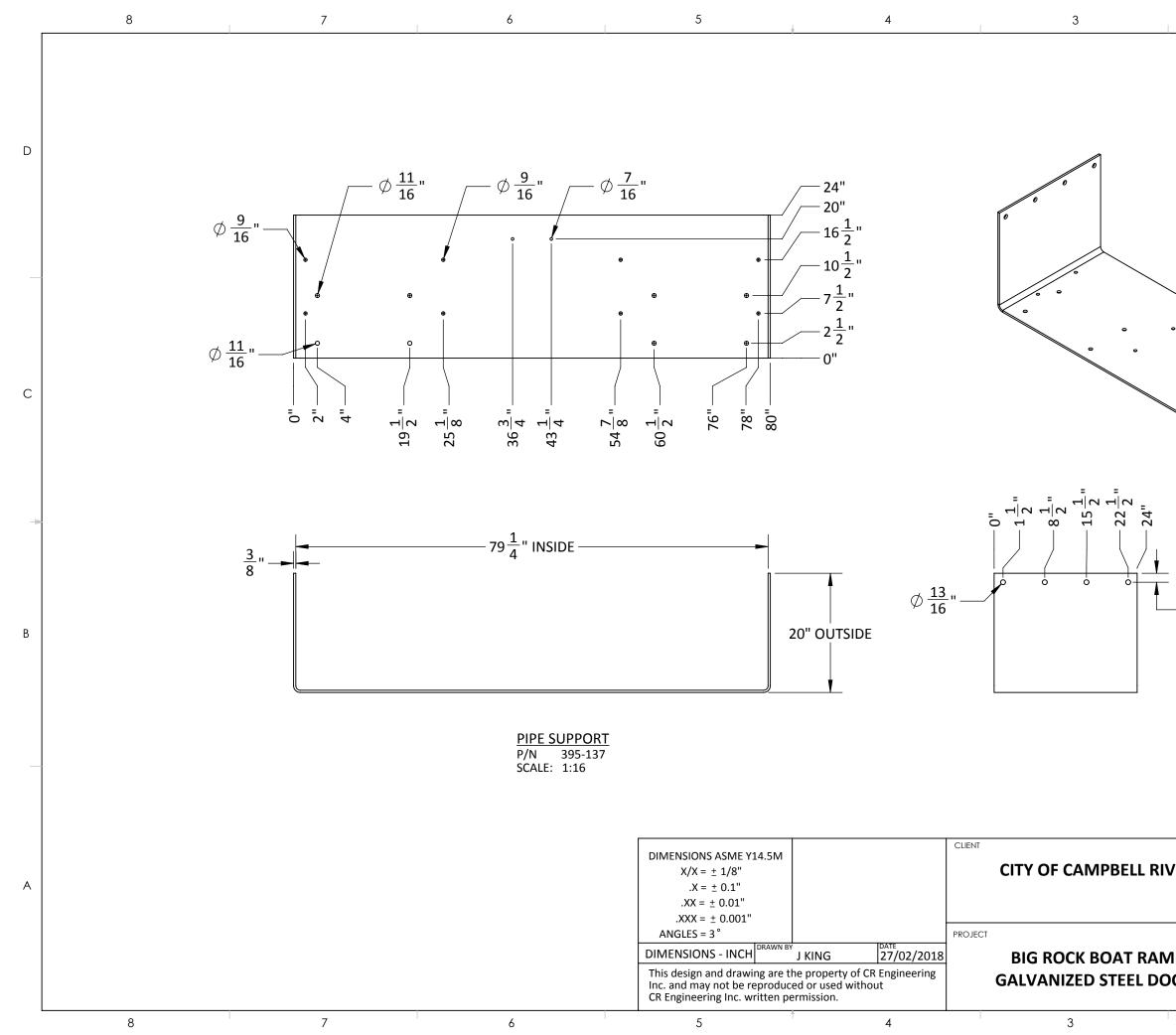
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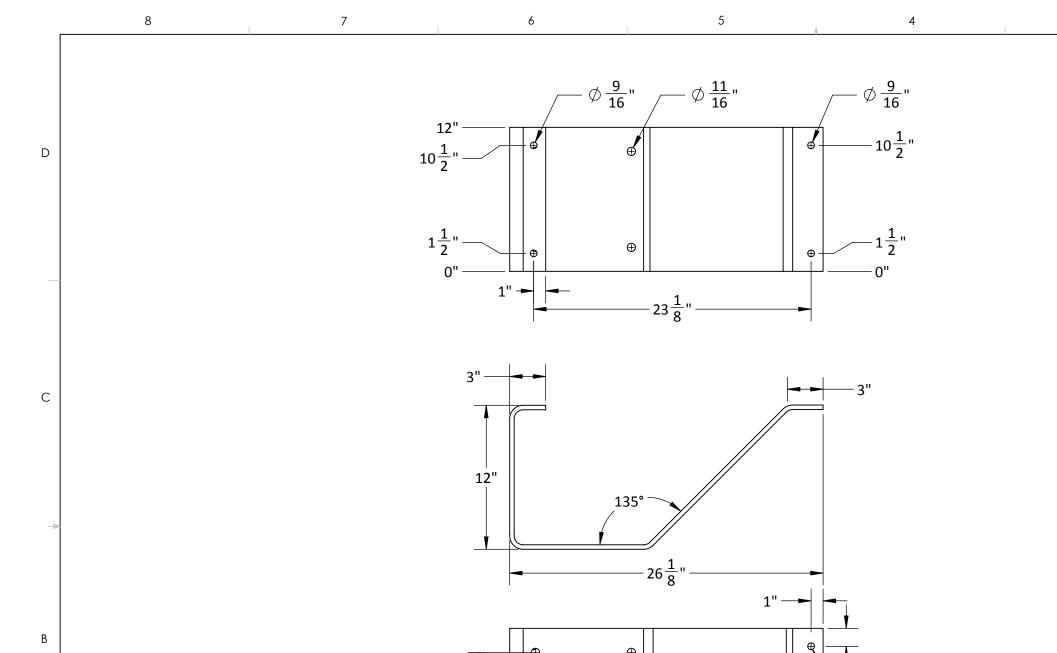
CR Engineering Inc. А TITLE: PARTS BILL OF MATERIALS FOR ALL 14 FLOATS DRAWING NUMBER 
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 9 OF 26
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 PROJECT NUMBER 395 2 1



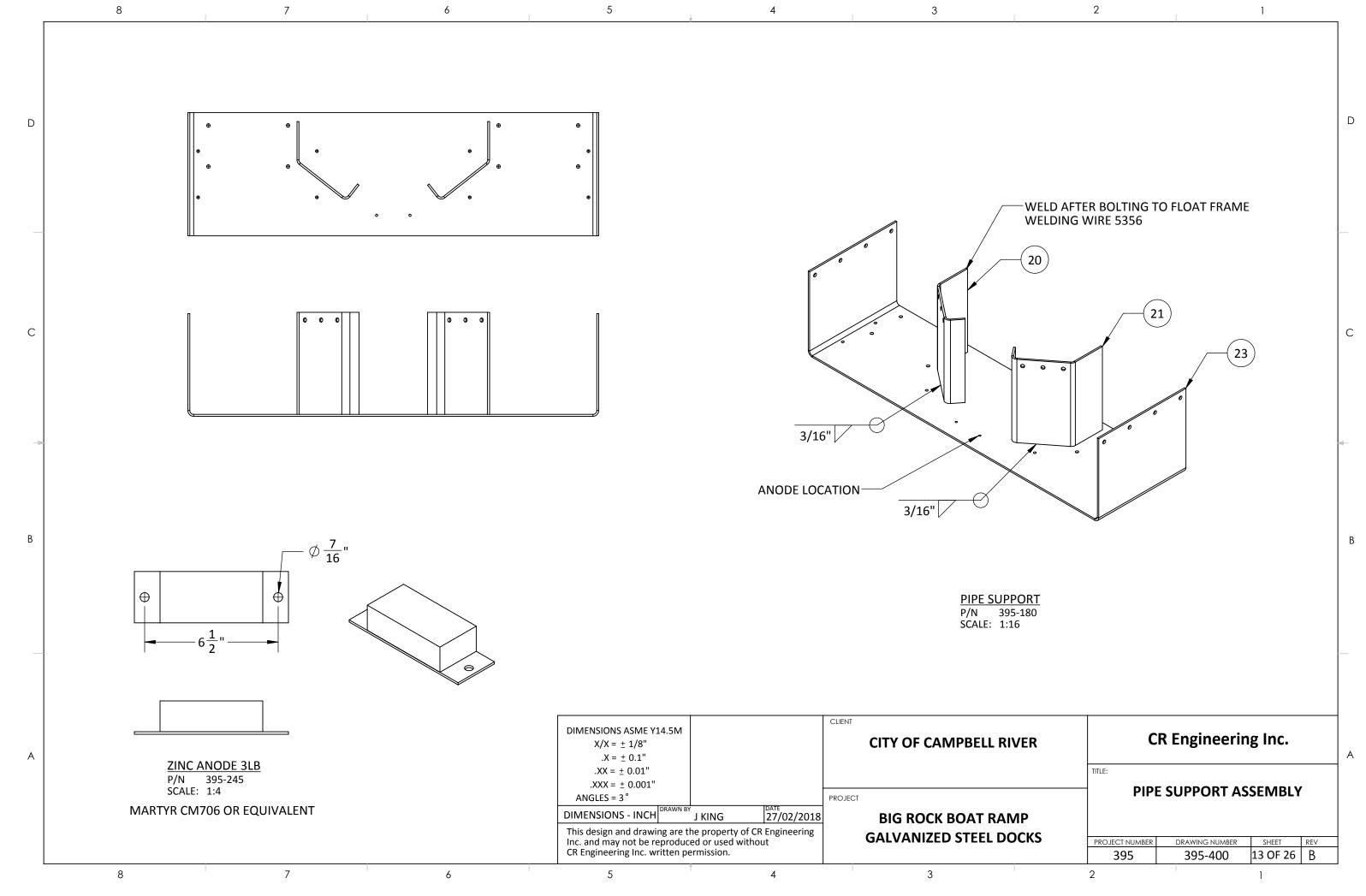


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		$12" \qquad					D
		3" 12" 13!	5°	— 3"	END FLOAT FOOT P/N 395-206 SCALE: 1:8		C
				$ \begin{array}{c} 1\frac{1}{2}"\\ \hline \phi \frac{9}{16}" \end{array} $			В
8	7	6	This design and drawing are the p Inc. and may not be reproduced o CR Engineering Inc. written permis	DATE 1NG 27/02/2018	CLIENT CITY OF CAMPBELL RIVER PROJECT BIG ROCK BOAT RAMP GALVANIZED STEEL DOCKS	CR Engineering Inc. TITLE: END FLOAT FOOT PROJECT NUMBER DRAWING NUMBER SHEET RI 395 395-400 12 OF 26 E	A

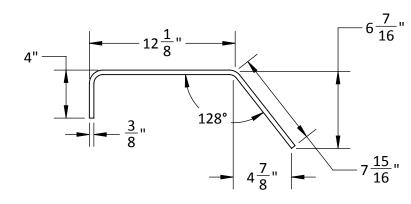


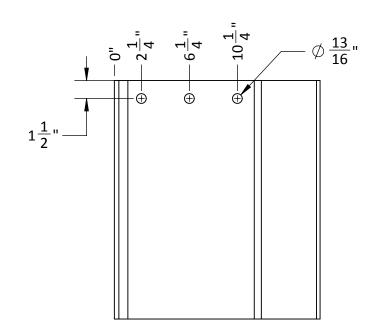


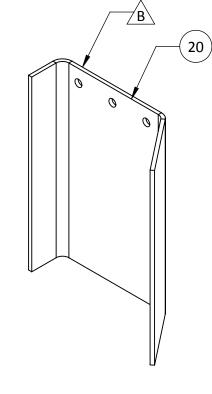
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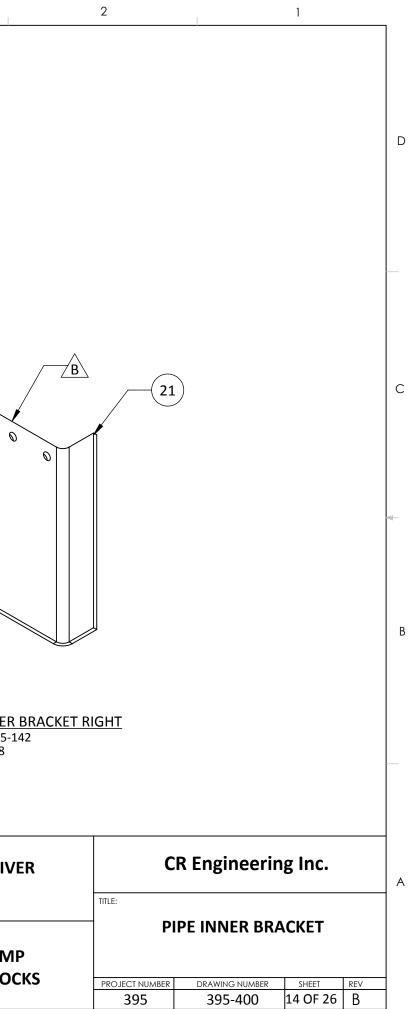


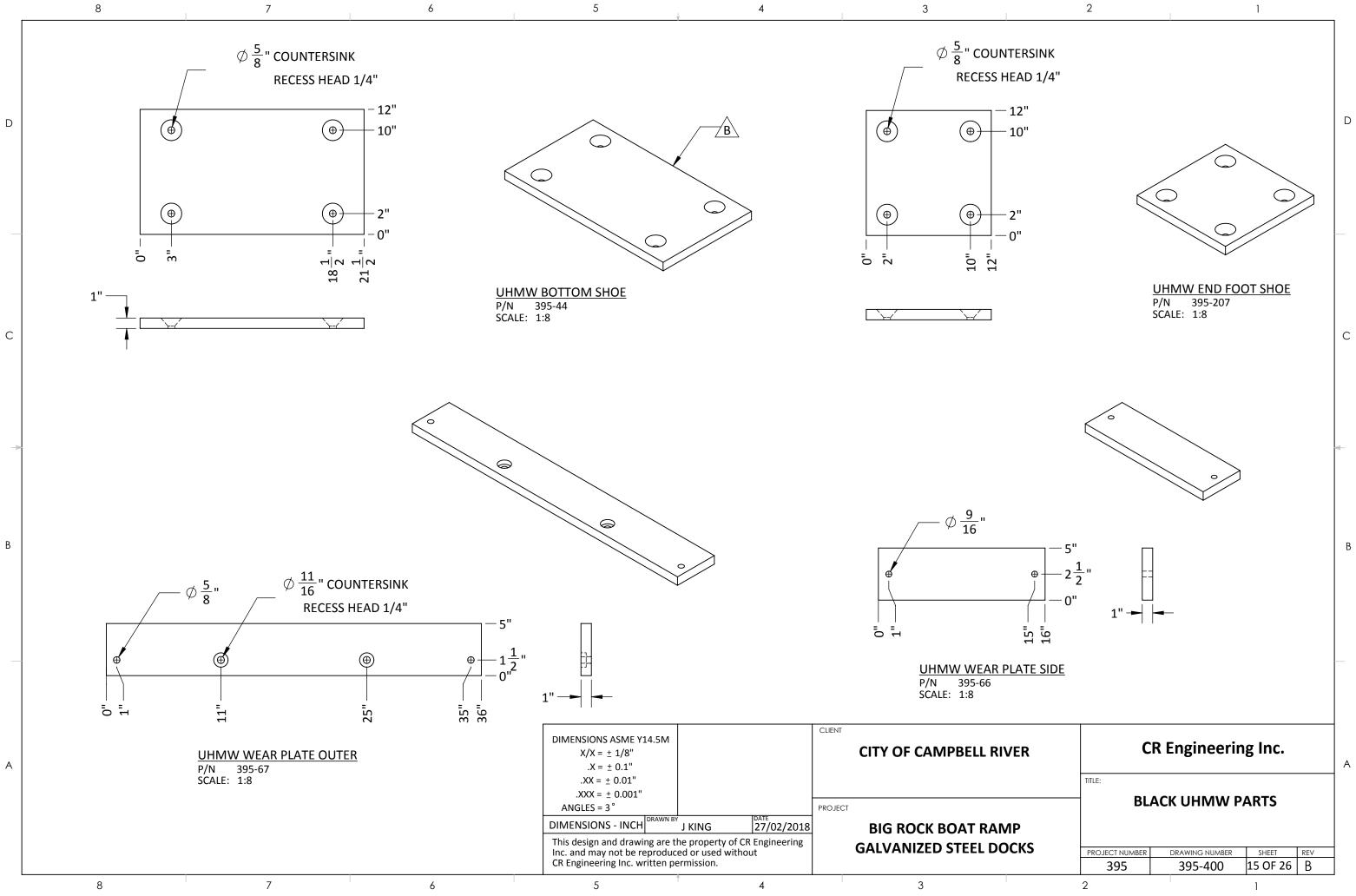


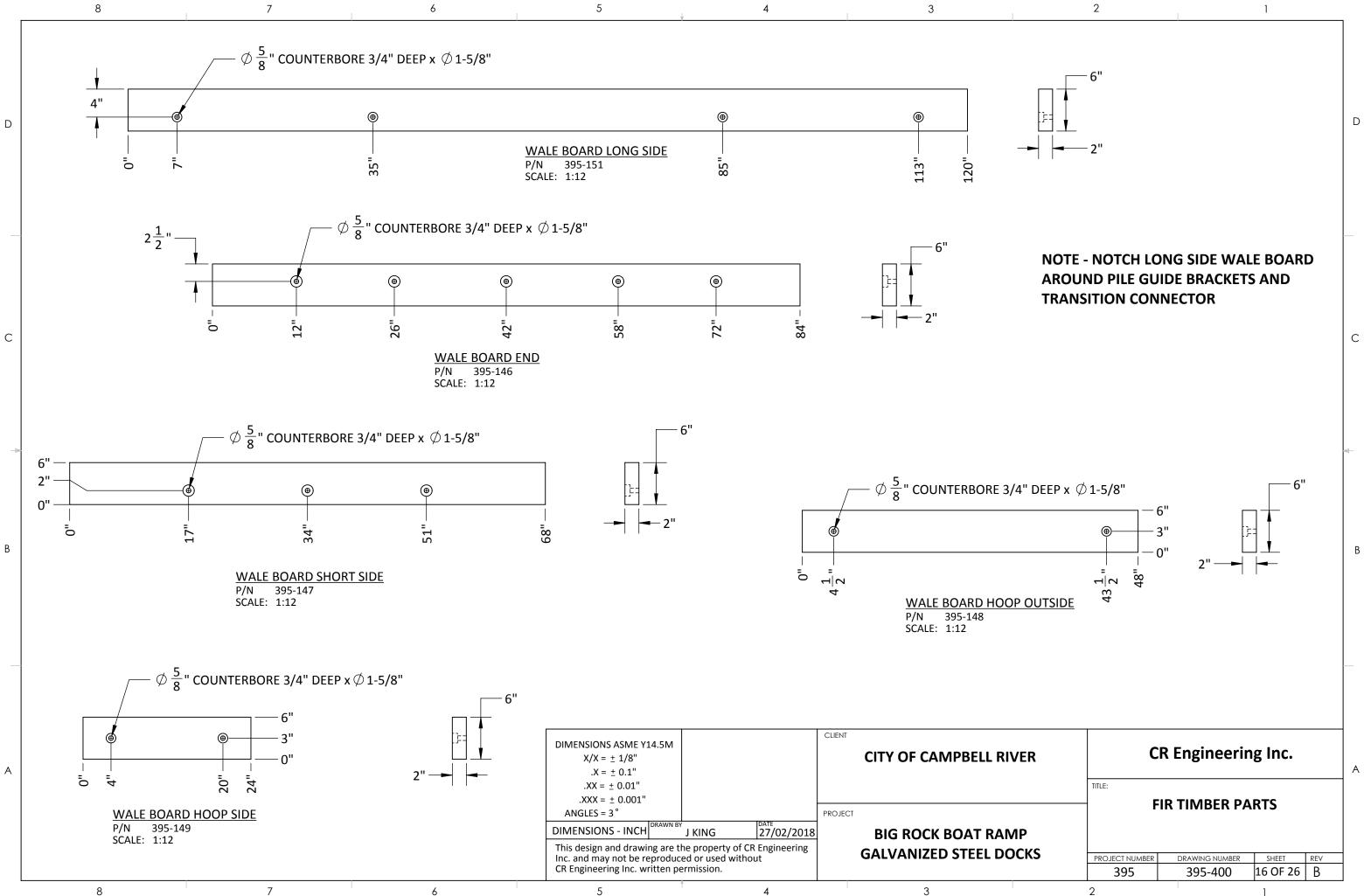
PIPE INNER BRACKET LEFT P/N 395-142 SCALE: 1:8

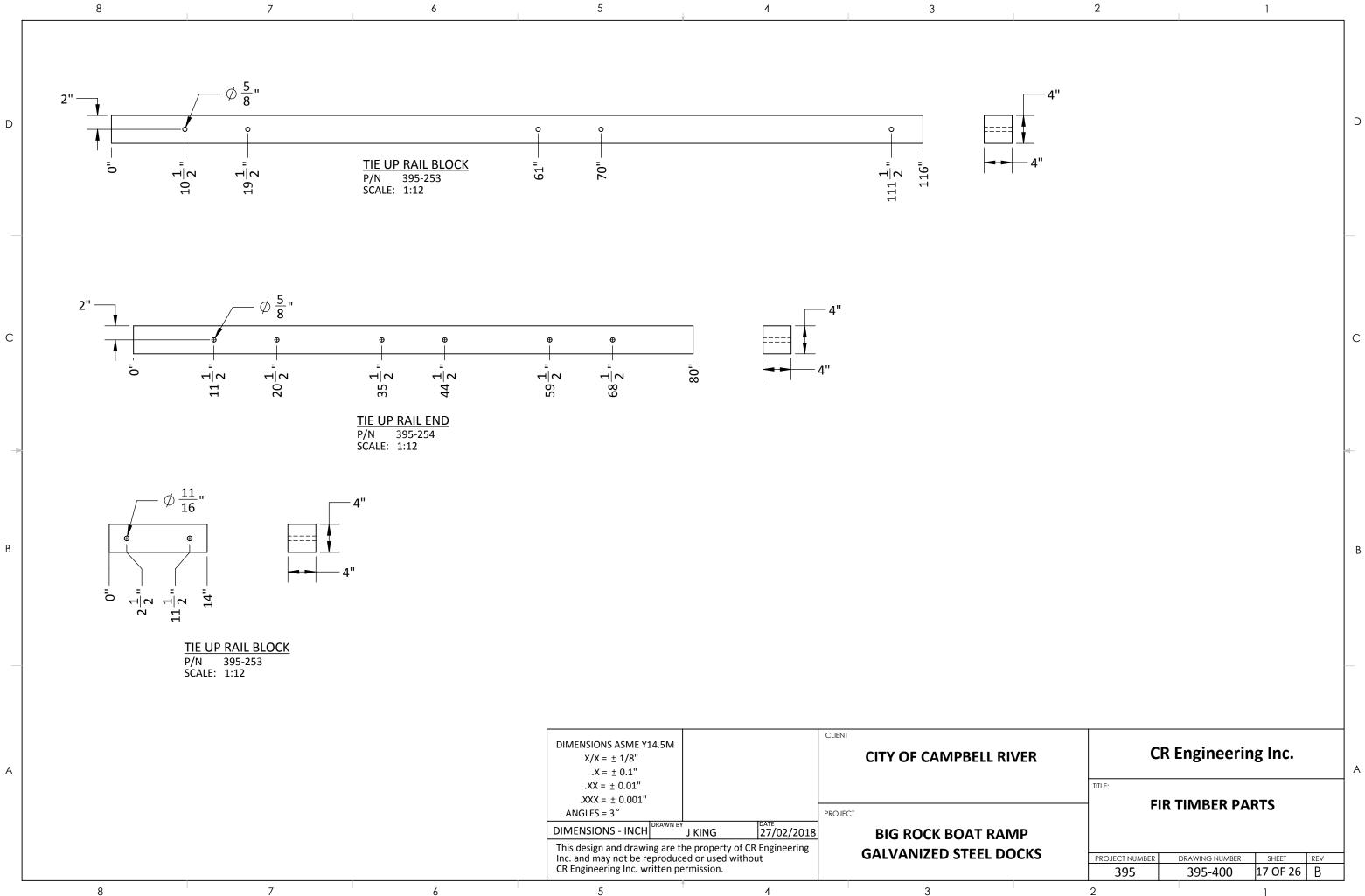
PIPE IN	NER
P/N	395-2
SCALE:	1:8

DIMENSIONS ASME Y14.5M X/X = ± 1/8" .X = ± 0.1" .XX = ± 0.01" .XXX = ± 0.001"			CLIENT	CITY OF CAMPBELL RIVER
ANGLES = 3°			PROJECT	
DIMENSIONS - INCH	J KING	DATE 27/02/2018		<b>BIG ROCK BOAT RAMP</b>
This design and drawing are t Inc. and may not be reproduc CR Engineering Inc. written p	ed or used withou			GALVANIZED STEEL DOCKS
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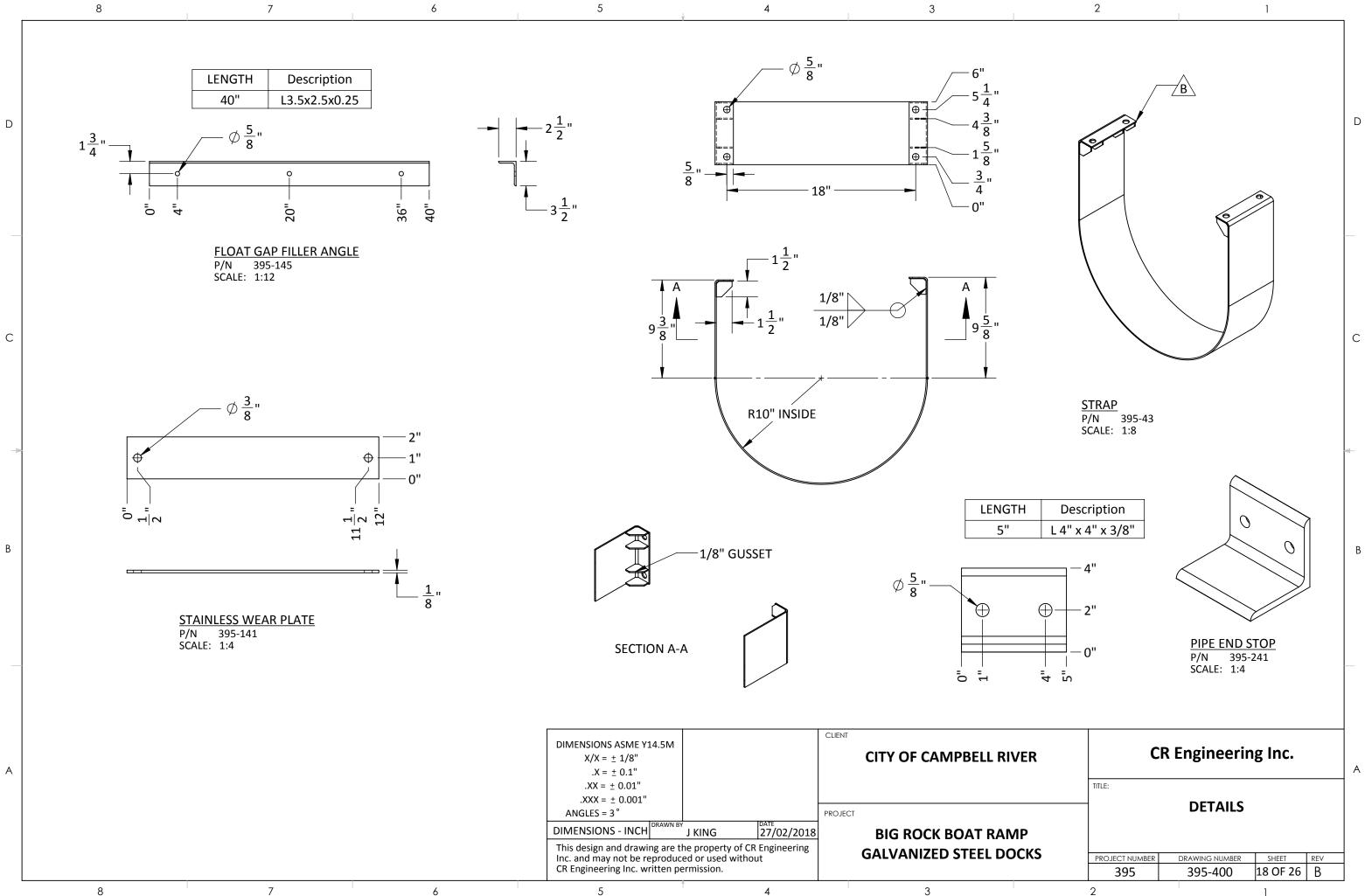




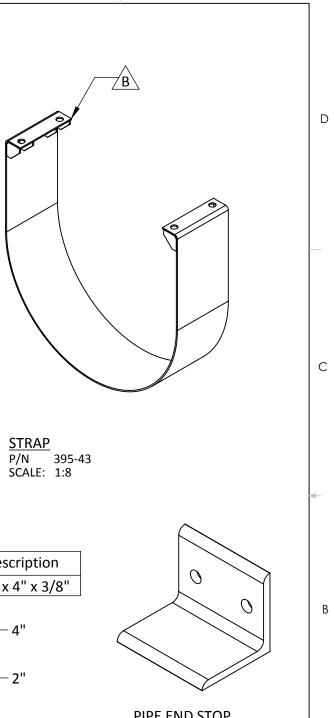


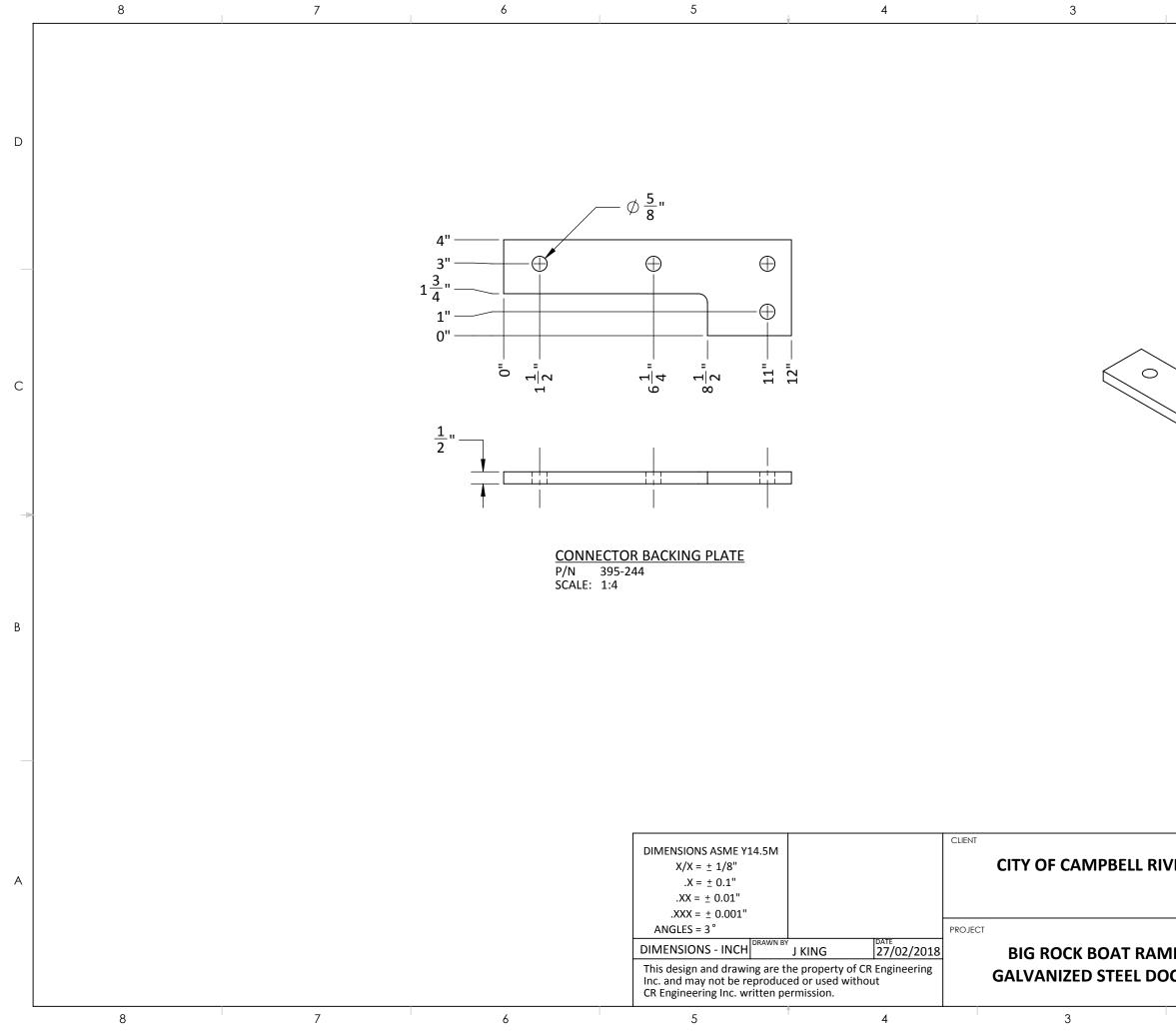
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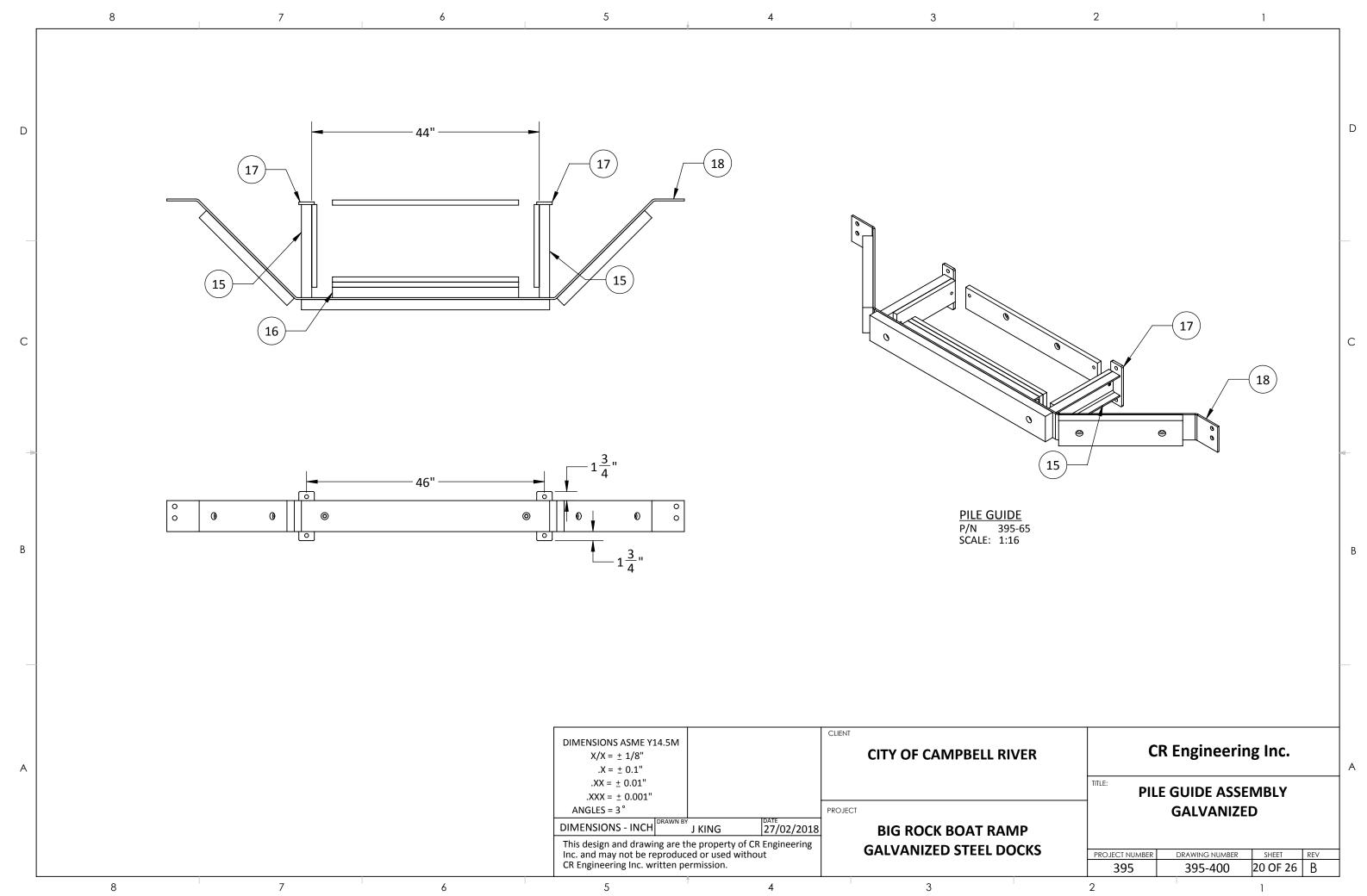


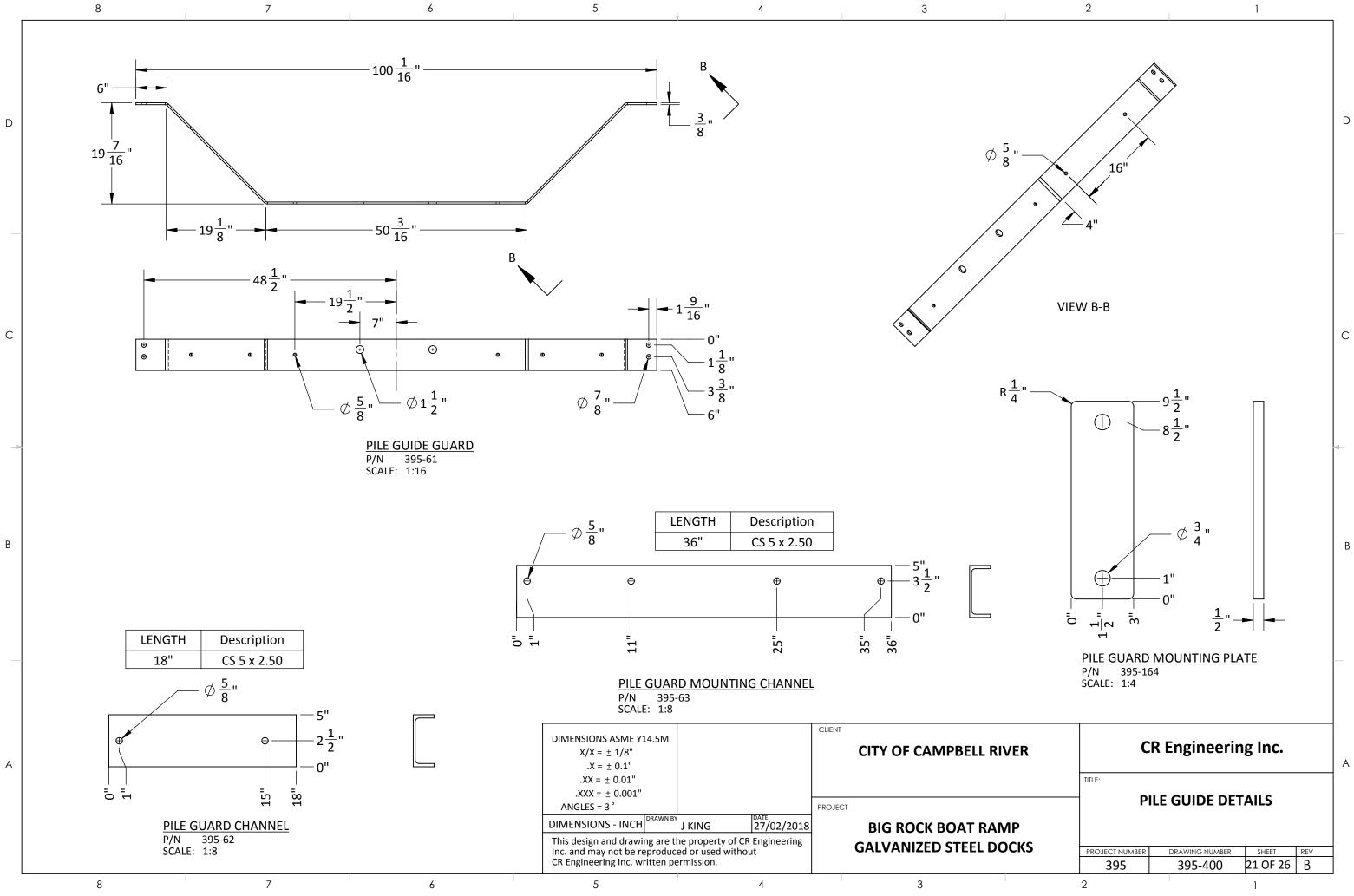






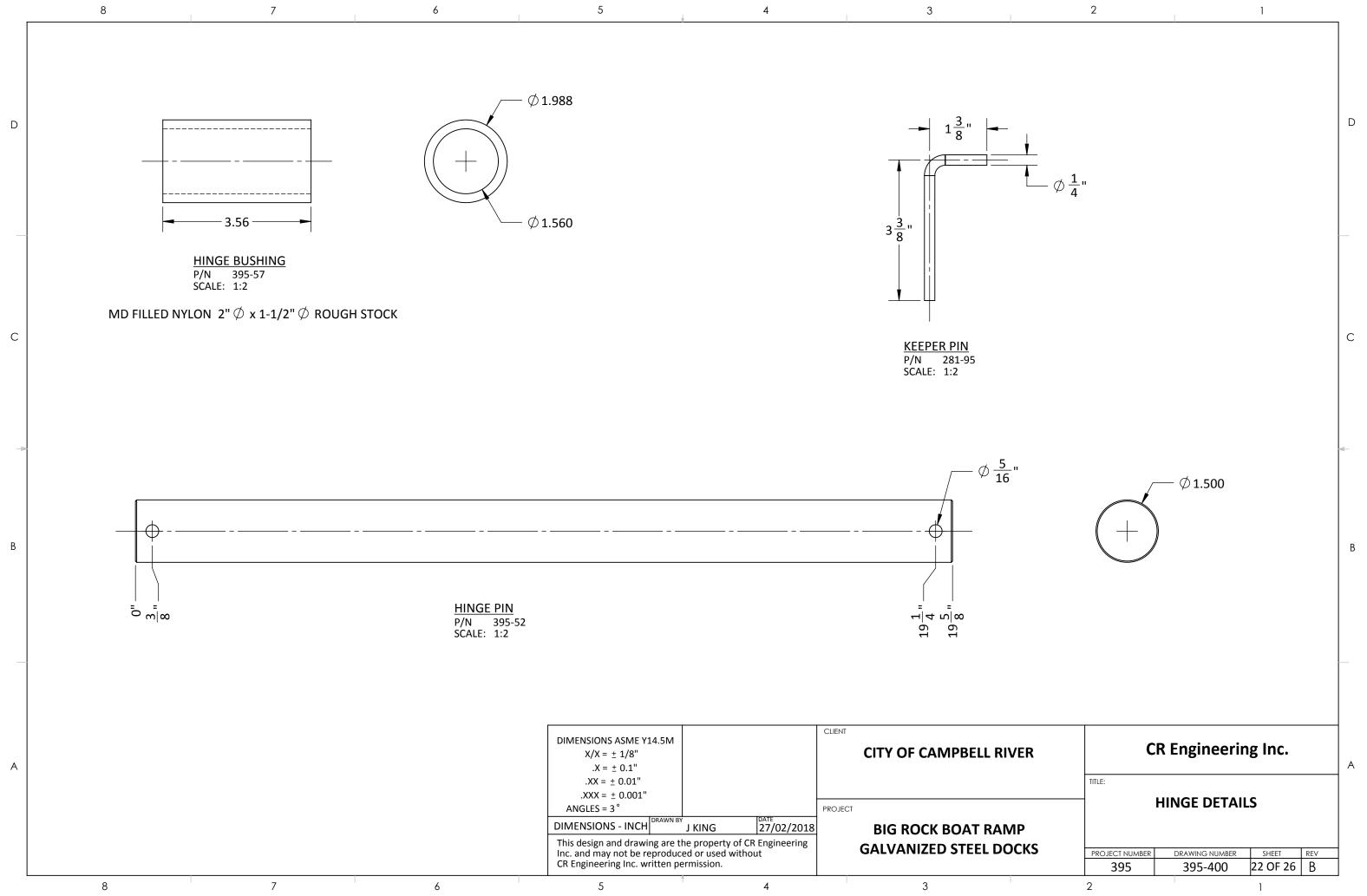
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