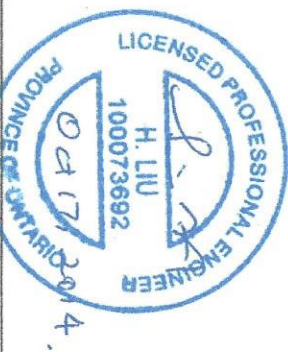


(3558) PCC L - B Nov. 24/15

OETC-L2 CAGE LIFT

NOTES:

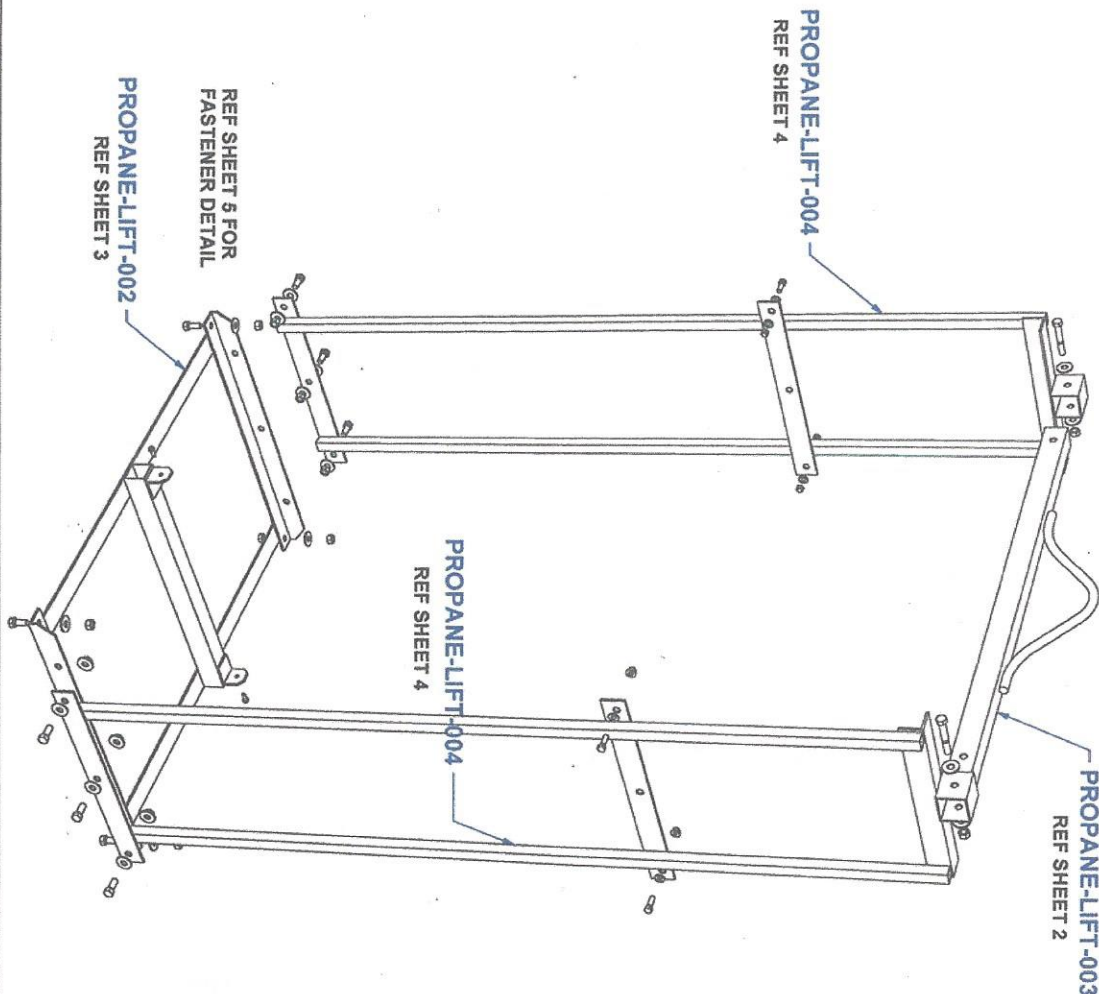
1. The lift assembly is design for use with lifting ACPSS Storage Cage (PCSC-B1) only. Maximum lifting capacity is 700lb.
2. A load factor of 3 is applied. No overloading is allowed and care should be taken in operation to minimize sudden change of lifting speed.
3. For Hollow Structural Steel (HSS), use ASTM A500 Grade C, $f_y=50\text{ksi}$; for Angles (HRS ANG) and flat bars (HRS FB), minimum yield strength $f_y=50\text{ksi}$; for other steel parts, minimum yield strength $f_y=30\text{ksi}$.
4. For steel bolts, use SAE Grade 5 or Grade 8 with tensile strength $F_t=120\text{ksi}$ minimum.
5. For welding wire, minimum ultimate tensile strength, $X_u=70\text{ksi}$.
6. All fillet welds $1/4"$ minimum and all welds full length unless specified otherwise.
7. All dimensions in inch unless specified otherwise.
8. Inspection should be made for every use that no part or bolt is missing, damaged, or misplaced, and the lifting system and storage cage are properly assembled as specified.



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PART NUMBER	OETC-L2	PROPANE		DWG NO	ACPS03-OETC-L2-ENG	DO NOT SCALE DWG	PRINT	REV
CATEGORY		OETC-L2					11 x 17	2
DRAWN	nise, heemstek	STATUS					SHEET	1 OF 6





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CATEGORY
DRAWN

riese, heernskerk

ANE-LIFT-W-003
STATUS

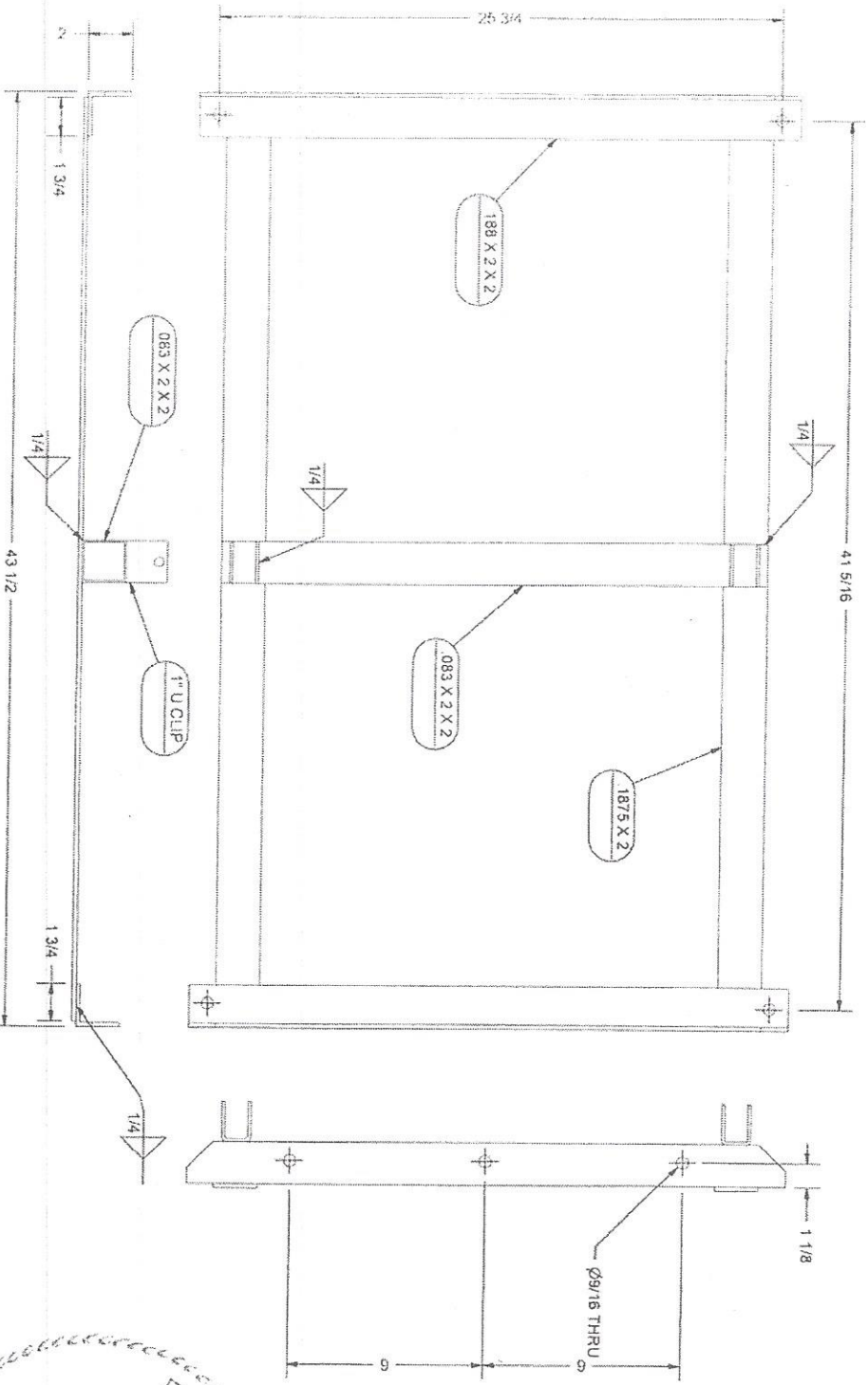
bioRxiv preprint doi: <https://doi.org/10.1101/2019.04.10.333333>; this version posted April 10, 2019. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.

SHEET 2 OF 6

PARTS LIST			
QTY	PART NO	CATEGORY	DESCRIPTION
1	PROPANE-LIFT-P-006	HSST SQ	.125 X 2 X 2
1	PROPANE-LIFT-P-007	HRS RND	HRS RND 3/4 DIA
			15 1/2

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PCC- B Reference Sheet #2



NOTES

For general design information and requirements see Sheet 1.

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PART NUMBER	PROPANE-LIFT-W-002
CATEGORY	PROPANE-LIFT-W-002
DRAWN	rese henniker
STATUS	

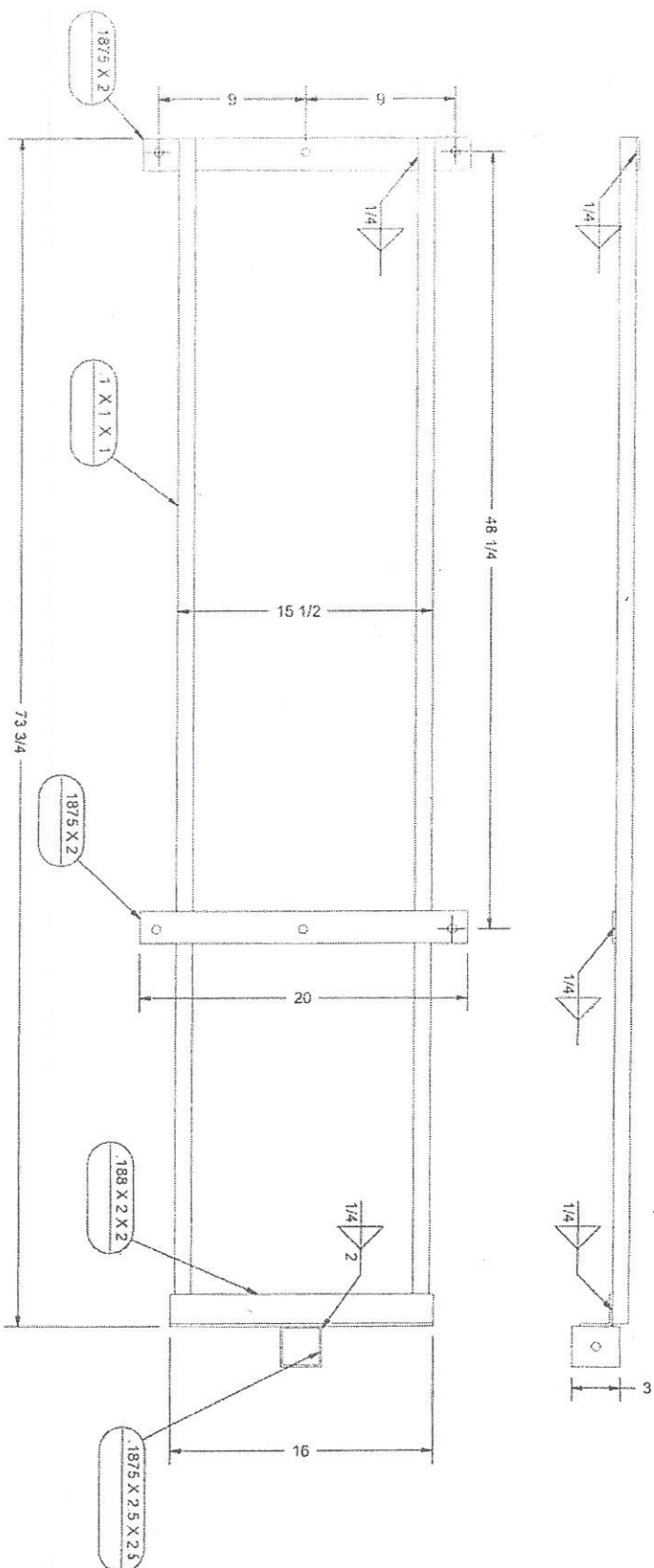
QTY	PART NO	CATEGORY	DESCRIPTION	LENGTH
2	PROPANE-LIFT-P-003	HRS FB	1875 X 2	42 15/16
2	PROPANE-LIFT-P-004	HRS ANG	188 X 2 X 2	27 1/2
1	PROPANE-LIFT-P-005	HRS SQ	083 X 2 X 2	25
2	UCLIP100	CLIPS&CHNL	1\" U CLIP	0

DWG NO	ACPS03-OETC-L2-ENG
DO NOT SCALE DWG	
PRINT	11 x 17
REV	1
SHEET	3 OF 6

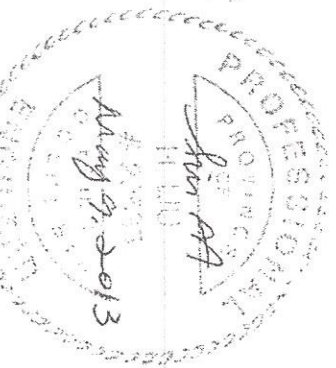


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PCCCL-B Reference Sheet #3



NOTES
This sheet shows one piece of the two PROPANE-LIFT-W-004.
For general design information and requirements, see Sheet 1



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PART NUMBER	WELDMENT	SIDE WELDMENT
PROPANE-LIFT-W-004		
CATEGORY	DRAWN	STATUS
	ness, heernken	

QTY	PART NO	CATEGORY	DESCRIPTION	LENGTH
2	PROPANE-LIFT-P-008	HSS SQ	.1 X 1 X 1	73.58
1	PROPANE-LIFT-P-009	HRS ANG	.188 X 2 X 2	16
2	PROPANE-LIFT-P-010	HRS FB	.1875 X 2	20
1	PROPANE-LIFT-P-011	HSS SQ	.1875 X 2.5 X 2.5	3

DWG NO	ACPS03-OETC-12-ENG	DO NOT SCALE DWG	PRINT	REV
			11 X 17	1

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PCL-6

Reference Sheet #4

SHEET 4 OF 6

NOTES

1. This sheet shows the assembly of the lifting device
For general design information and requirements, see Sheet 1.

1/2-13 X 3 1/4 HEX CAP SHOULDER GR 5 ZINC

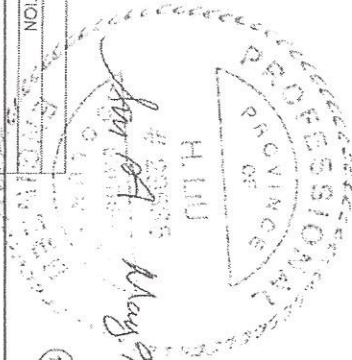
PROPANE-LIFT-003

PROPANE-LIFT-004

PROPANE-LIFT-004

1/2-16 X 1 1/4 HEX CAP ZINC

PROPANE-LIFT-002



CITY	PART NO	DESCRIPTION
8	1/2-13 UNC 1.25	1/2 X 1 1/4 HEX BOLT
2	1/2-13 UNC - 3.25	1/2-13 X 3 1/4 HEX BOLT
4	1/2-13 UNC 1.25	1/2X1 1/4 HEX BOLT
8	SWZ 3750	3/8 PLATE WASHER
10	HNGSZ 5000	1/2 HEX NUT
16	PWZ 5000	1/2 PLATE WASHER

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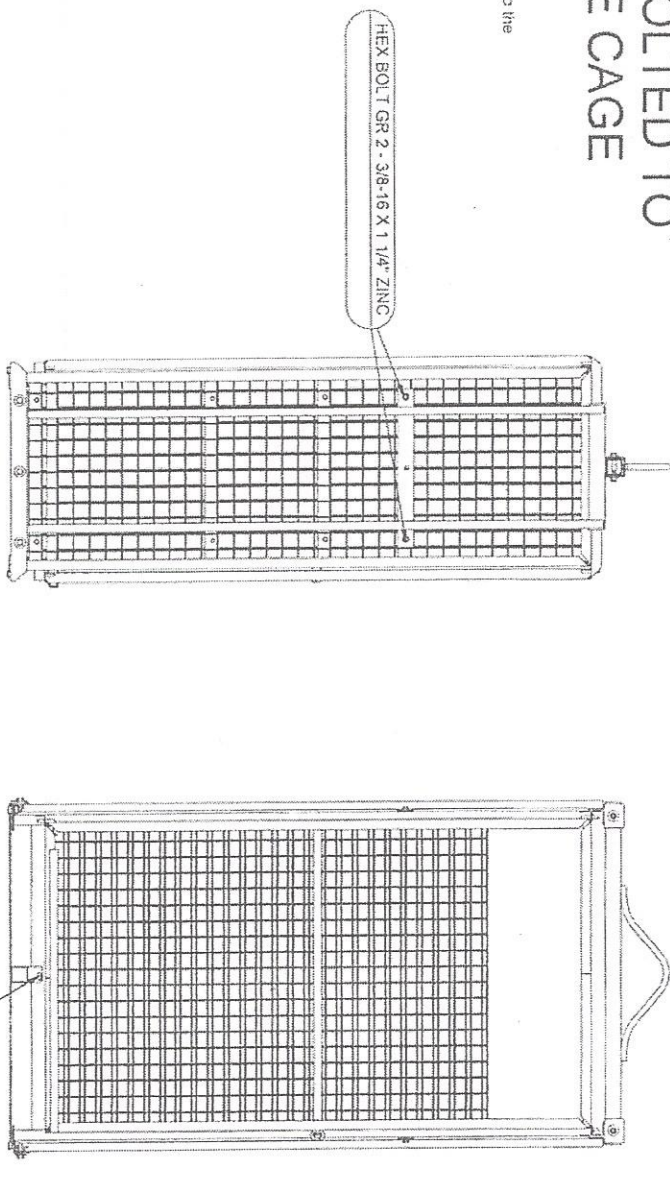
PART NUMBER	OETC-L2	DWG NO	ACPS03-OETC-L2-ENG	DO NOT SCALE DWG	PRINT	REV
CATEGORY					11 X 17	1
DRAWN	muse liepmann	STATUS			SHEET	5 OF 6

PCCL-B

OETC-L2 SHOWN BOLTED TO PCSC-B1 PROPANE CAGE

NOTES

1 This sheet shows how the storage cage (PCSC-B1) is secured to the lifting system.
For general design information and requirements, see Sheet 1



PARTS LIST		
QTY	PART NO.	DESCRIPTION
6	LNZ-3750	NYLON INSERT LOCKNUT - 3/8-16 ZINC
8	SWZ-3750	3/8 PLATE WASHER
4	HBGZ-3750-1250	HEX BOLT GR 2 - 3/8-16 X 1 1/4\" ZINC
2	HBGZ-3750-1750	3/8 X 1 7/8 HEXBOLT
4	1/2-13 UNC - 1 25	1/2X1 1/4 HEX BOLT
	QWB	1/2 HEX NUT

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PART NUMBER PCCL-B1		CERTIFIED LIFTING DEVICE		DWG NO ACP-S03-OETC-L2-ENG		DO NOT SCALE DWG		PRINT		REV	
CATEGORY	DRAWN	STATUS						11 x 17	1		
	mesg hearnsark							SHEET	6 OF 6		

