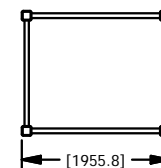


1. THIS CRANE IS DESIGNED AND BUILT IN ACCORDANCE WITH API 2C LATEST EDITION.
2. CRANE SHOWN IN BOOM REST POSITION, CONTRACTOR TO ADVISE IF THERE IS ANY CONFLICT ON THE CRANE MOUNTED PLATFORM.
3. AIRCRAFT WARNING LIGHTS, JUNCTION BOXES, SLIP RINGS, LIGHTING, BOOM MOUNTED EQUIPMENT AND OTHER ELECTRICAL/INSTRUMENTATIONS WITHIN


4. CORRECT LOCATION OF C.G. & LIFTING CHART, WEIGHTS & DIMENSIONS OF EACH PIECE TO BE DETERMINED AFTER FABRICATION AND BEFORE SHIPMENT.

6. CONTRACTOR WILL SPECIFY DIAMETER, THICKNESS AND MATERIAL FOR THE PEDESTAL.

7. ESTIMATED AS BUILT DRY WEIGHT (EXCLUDING CUSTOMER SUPPLIED PEDESTAL BASE): 152500 LBS



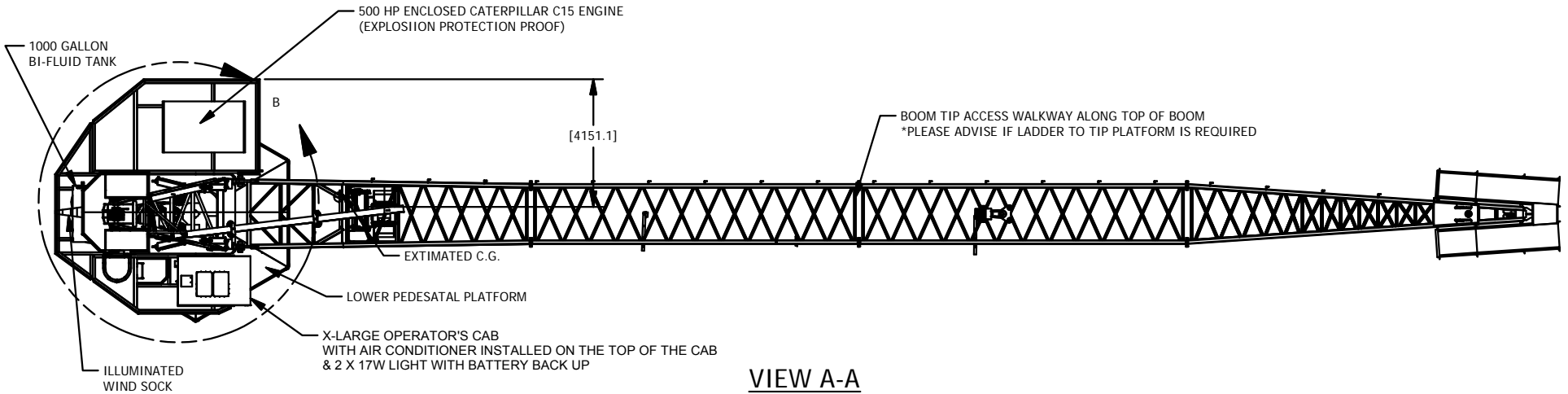
SECTION J-J

<div>INFORMATION CONTAINED HEREON IS CONFIDENTIAL AND TRADE SECRET DO NOT DISCLOSE, USE OR REPRODUCE WITHOUT PRIOR WRITTEN APPROVAL FROM TECHCRANE INTERNATIONAL LLC.</div> <div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES [] INDICATES MILLIMETERS</div> <div><u>TOLLERANCES</u></div> <div>FRACTIONAL DIMENSIONS $\pm \frac{1}{16}$ / -0 SURFACE FINISHES 125√</div>	DESIGNED BY:	F. SHAD	MATERIAL NOTES: 1. BURN PER DIMENSIONS SHOWN. 2. PLATE FLATNESS AFTER BURNING TO BE WITHIN ASTM SPECIFICATIONS. 3. REFER TO API SPEC 2C LATEST EDITION 4. WHERE APPLICABLE - ROLL FORM PER DIMENSIONS SHOWN. 5. WHERE APPLICABLE - TACK WELD AS REQUIRED TO SECURE ROLLED CAN.	<div>TECHCRANE INTERNATIONAL, LLC.</div> <div>17639 HARD HAT DRIVE COVINGTON, LA. 70435 U.S.A. PHONE (985) 871-0056 FAX (985) 871-0065</div>		
	DRAWN BY:	Ibaylis				
	WEIGHT:	SEE NOTE: 7	L120-136 GENERAL ARRANGEMENT TNG-VT-043-D03-0001			
	APPROVED BY:	D. SHAD		DESIGN STATE: Released		
	FILE NAME:	C:\120-136\GEN\AS PRODUCTION DRAWINGS\MODEL.DWG CALICOLO\HOLE CD-136\VT043-PETRO JOB # 024.dwg		MATERIAL:	-	
				DATE:	1/6/2015	REVISION NO.:
				SHEET 1 OF 7		


PRESENTATION

NOTES:

1. FOR THE PURPOSE OF CLARITY THE LOCATIONS OF FIRE EXTINGUISHERS AND HOSE REELS ARE NOT SHOWN. THEY ARE TO BE DETERMINED DURING FINAL ASSEMBLY.
2. LUBRICATION AND HYDRUALIC OIL IS SUPPLIED FOR ALL ENCLOSED CAVITIES SUCH AS GEARBOXES, WINCHES, ETC. WILL BE FILLED (TANK IS NOT CONSIDERED AS ENCLOSED AS IT IS OPEN TO AIR WITH THE FILLER CAP.)
3. CONTRACTOR TO CLARIFY WHERE THEY ARE TO SUPPLY THEIR SOURCE AIR AND ELECTRICAL.

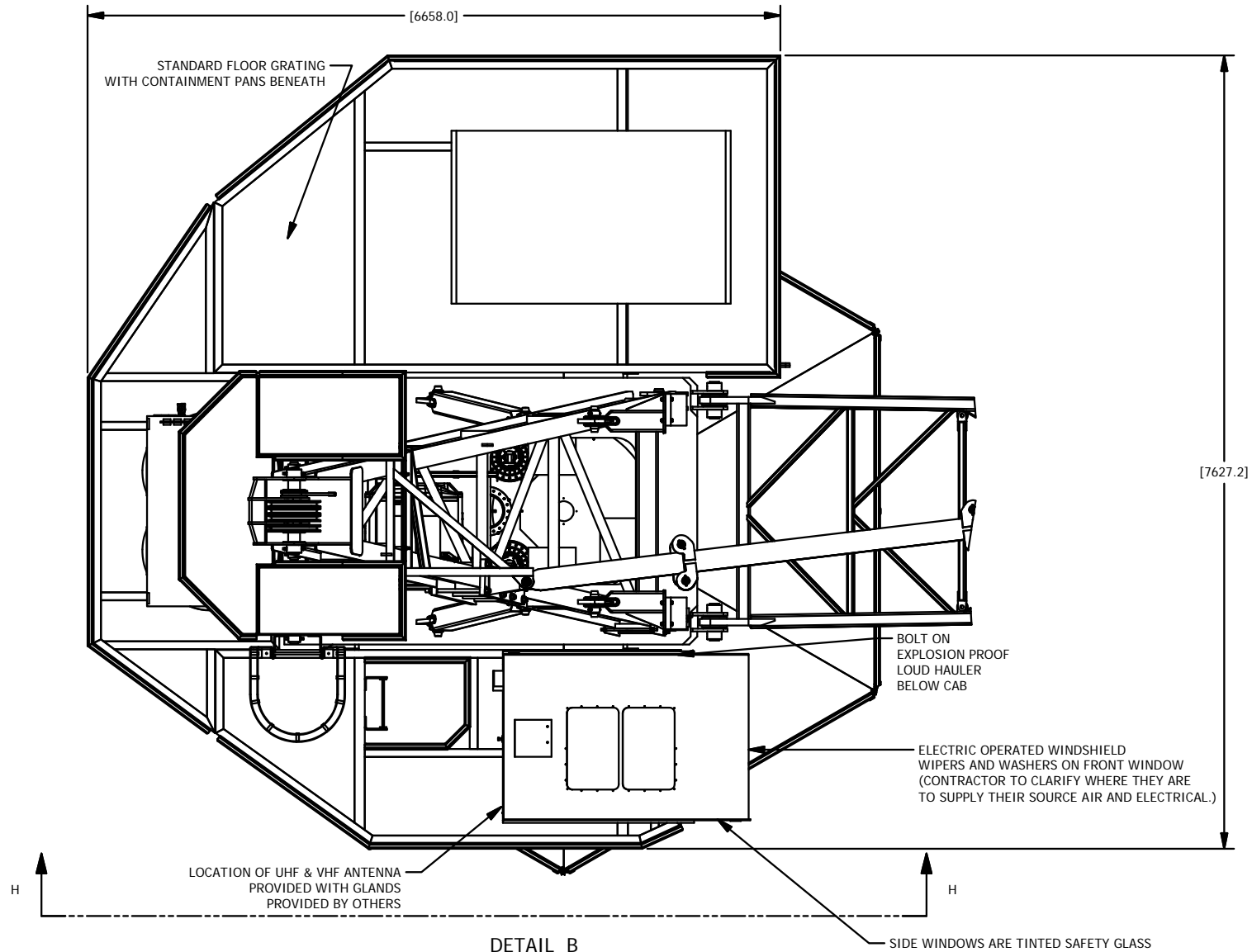


VIEW A-A


INFORMATION CONTAINED HEREON IS CONFIDENTIAL AND TRADE SECRET DO NOT DISCLOSE, USE OR REPRODUCE WITHOUT PRIOR WRITTEN APPROVAL FROM TECHCRANE INTERNATIONAL LLC.	DESIGNED BY: F. SHAD	MATERIAL NOTES: 1. BURN PER DIMENSIONS SHOWN. 2. PLATE FLATNESS AFTER BURNING TO BE WITHIN ASTM SPECIFICATIONS. 3. REFER TO API SPEC 2C LATEST EDITION 4. WHERE APPLICABLE - ROLL FORM PER DIMENSIONS SHOWN. 5. WHERE APPLICABLE - TACK WELD AS REQUIRED TO SECURE ROLLED CAN.	 <div>TECHCRANE INTERNATIONAL, LLC. 17639 HARD HAT DRIVE COVINGTON, LA. 70435 U.S.A. PHONE (985) 871-0056 FAX (985) 871-0065</div>
	DRAWN BY: lbaylis		
	WEIGHT: SEE NOTE: 7		
	APPROVED BY: D. SHAD		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES [] INDICATES MILLIMETERS <u>TOLLERANCES</u> FRACTIONAL DIMENSIONS $\pm \frac{1}{16} / -0$ SURFACE FINISHES 125V	FILE NAME: E:\120 - SERIES 120-136 PRODUCTION DRAWINGS\4-MODEL CALCD\120-136-VT-043-D03-0001.DWG	MATERIAL: -	<div>L120-136 GENERAL ARRANGEMENT TNG-VT-043-D03-0001</div> <div>DATE: 1/6/2015</div> <div>REVISION NO.: H</div> <div>SHEET 2 OF 7</div>

PART/DWG. NO.:

PRESENTATION



DETAIL B

INFORMATION CONTAINED HEREON IS CONFIDENTIAL AND TRADE SECRET DO NOT DISCLOSE, USE OR REPRODUCE WITHOUT PRIOR WRITTEN APPROVAL FROM TECHCRANE INTERNATIONAL LLC.	DESIGNED BY:	F. SHAD	<div>MATERIAL NOTES: 1. BURN PER DIMENSIONS SHOWN. 2. PLATE FLATNESS AFTER BURNING TO BE WITHIN ASTM SPECIFICATIONS. 3. REFER TO API SPEC 2C LATEST EDITION 4. WHERE APPLICABLE - ROLL FORM PER DIMENSIONS SHOWN. 5. WHERE APPLICABLE - TACK WELD AS REQUIRED TO SECURE ROLLED CAN.</div> <div>DESIGN STATE: Released</div> <div>MATERIAL: -</div>	<div><div>TECHCRANE INTERNATIONAL, LLC. 17639 HARD HAT DRIVE COVINGTON, LA. 70435 U.S.A. PHONE (985) 871-0056 FAX (985) 871-0065</div></div> <div>L120-136 GENERAL ARRANGEMENT TNG-VT-043-D03-0001</div>
	DRAWN BY:	lbaylis		
	WEIGHT:	SEE NOTE: 7		
	APPROVED BY:	D. SHAD		
	FILE NAME:	C:\120-136\120-136-PRODUCTION\DRAWINGS\MODELS\CALCULATED\120-136-VT043.DWG		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES [] INDICATES MILLIMETERS				
<u>TOLLERANCES</u> FRACTIONAL DIMENSIONS $\pm \frac{1}{16} / -0$ SURFACE FINISHES 125V				
DATE: 1/6/2015				REVISION NO.: H
SHEET 3 OF 7				

PART/DWG. NO.:

PRESENTATION

4

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C

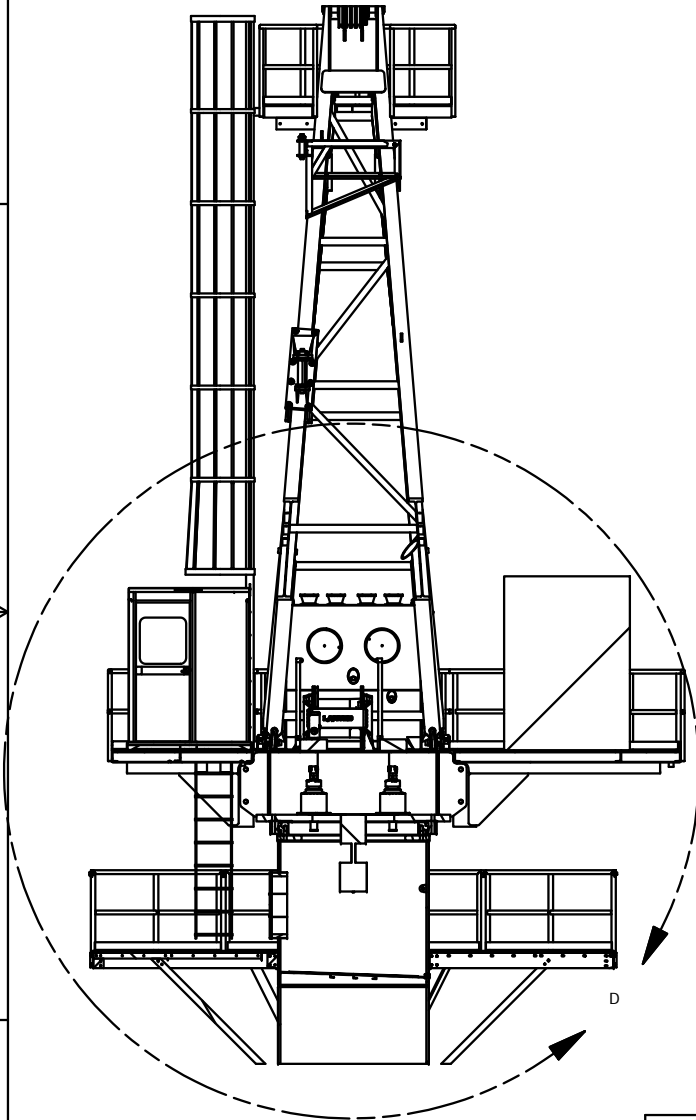
C

B

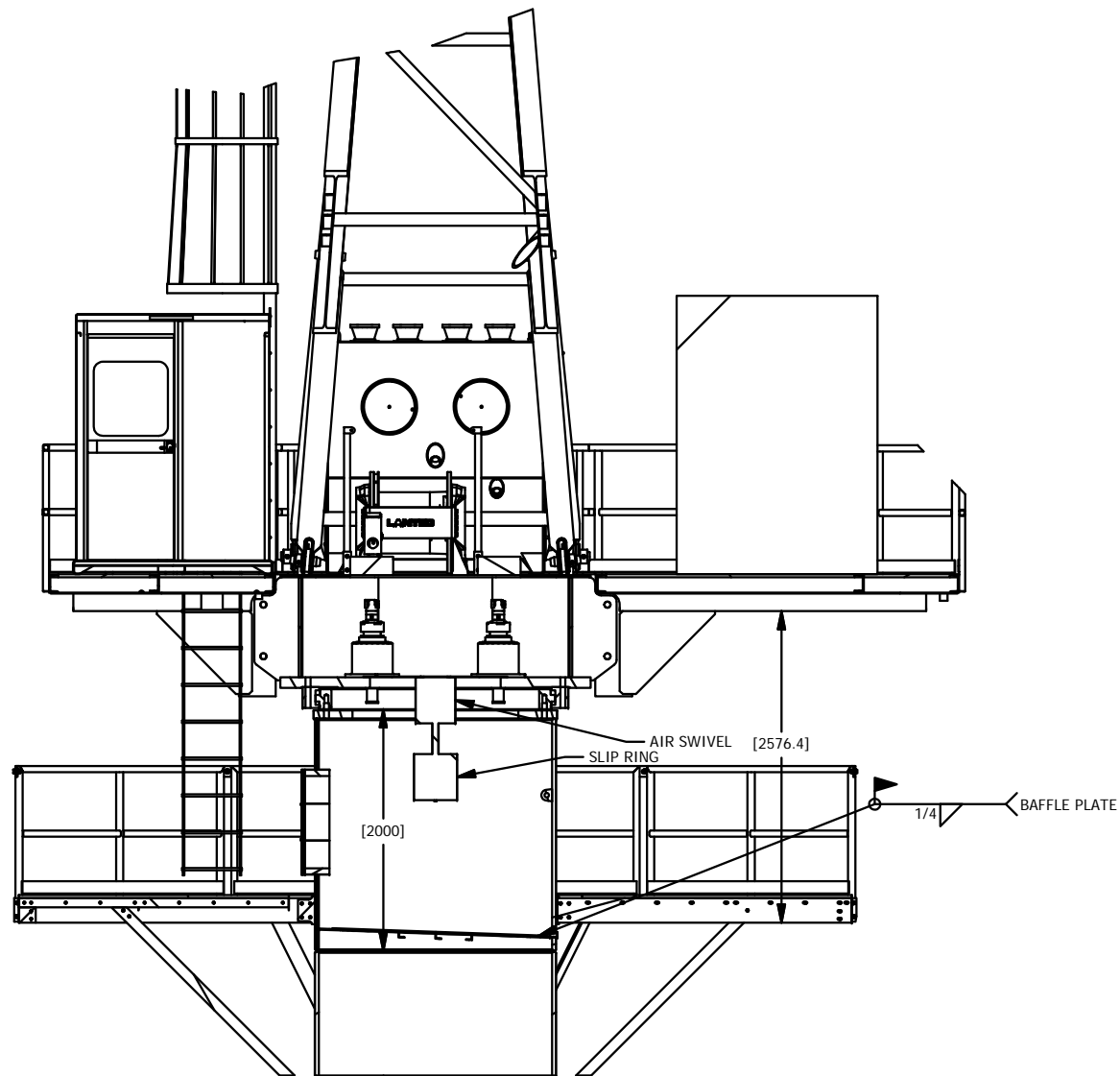
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SECTION C-C



DETAIL D

INFORMATION CONTAINED HEREON IS
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DO NOT DISCLOSE, USE OR REPRODUCE
WITHOUT PRIOR WRITTEN APPROVAL
FROM TECHCRANE INTERNATIONAL LLC.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
[] INDICATES MILLIMETERS

TOLERANCES

FRACTIONAL DIMENSIONS $\pm \frac{1}{16}$ / -0
SURFACE FINISHES 125V

DESIGNED BY:

F. SHAD

DRAWN BY:

lbaylis

WEIGHT:

SEE NOTE: 7

APPROVED BY:

D. SHAD

FILE NAME:

C:\120-136\GENERAL\PRODUCTION DRAWINGS\MODELS\CALCULATED\120-136\VTG01.PETROL.DWG

MATERIAL NOTES:

1. BURN PER DIMENSIONS SHOWN.
2. PLATE FLATNESS AFTER BURNING TO BE WITHIN ASTM SPECIFICATIONS.
3. REFER TO API SPEC 2C LATEST EDITION.
4. WHERE APPLICABLE - ROLL FORM PER DIMENSIONS SHOWN.
5. WHERE APPLICABLE - TACK WELD AS REQUIRED TO SECURE ROLLED CAN.

DESIGN STATE:

Released

MATERIAL:

-



TECHCRANE INTERNATIONAL, LLC.

17639 HARD HAT DRIVE COVINGTON, LA. 70435 U.S.A.
PHONE (985) 871-0056 FAX (985) 871-0065

L120-136 GENERAL ARRANGEMENT
TNG-VT-043-D03-0001

DATE:

1/6/2015

REVISION NO.:

H

PART/DWG. NO.:

PRESENTATION

SHEET 4 OF 7

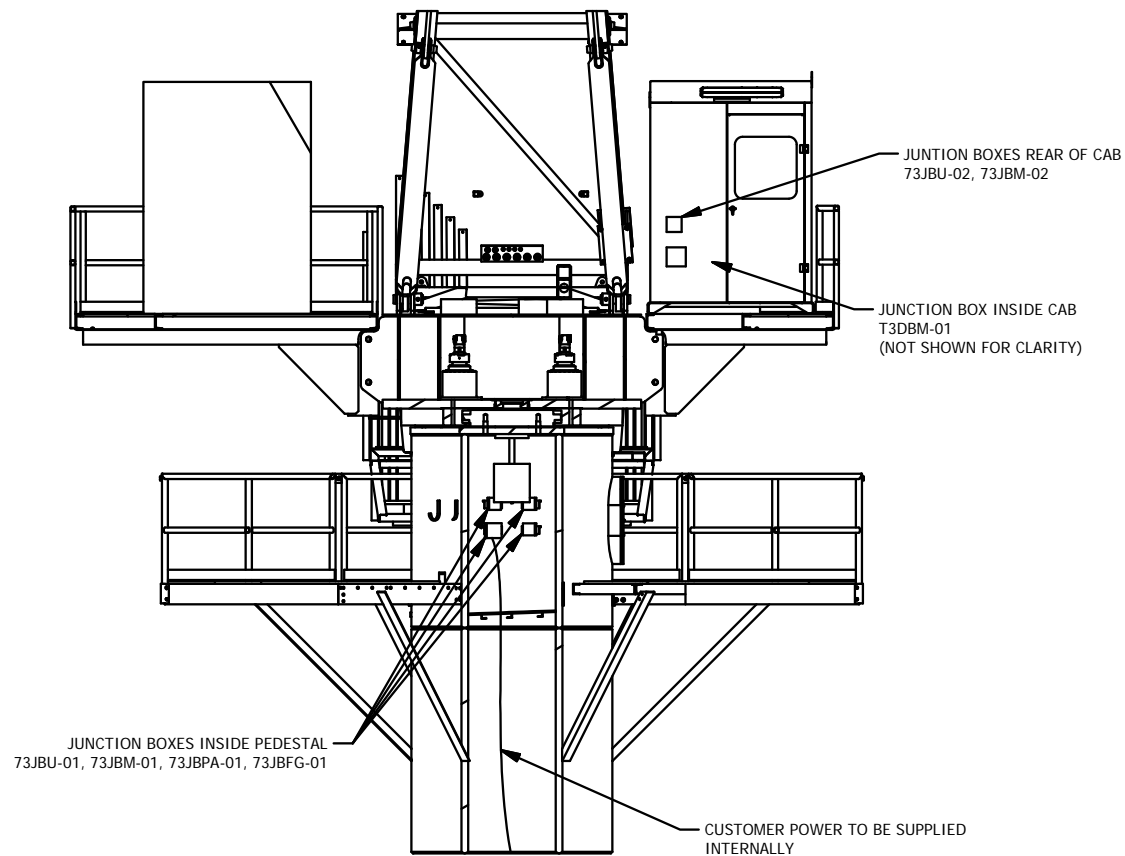
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1





SECTION G-G

INFORMATION CONTAINED HEREON IS CONFIDENTIAL AND TRADE SECRET DO NOT DISCLOSE, USE OR REPRODUCE WITHOUT PRIOR WRITTEN APPROVAL FROM TECHCRANE INTERNATIONAL LLC.	DESIGNED BY: F. SHAD	MATERIAL NOTES: 1. BURN PER DIMENSIONS SHOWN. 2. PLATE PLATNESS AFTER BURNING TO BE WITHIN ASTM SPECIFICATIONS. 3. REFER TO API SPEC 2C LATEST EDITION. 4. WHERE APPLICABLE - ROLL FORM PER DIMENSIONS SHOWN. 5. WHERE APPLICABLE - TACK WELD AS REQUIRED TO SECURE ROLLED CAN.		TECHCRANE INTERNATIONAL, LLC.	
	DRAWN BY: lbyalis			17639 HARD HAT DRIVE COVINGTON, LA. 70435 U.S.A. PHONE (985) 871-0056 FAX (985) 871-0065	
	WEIGHT: SEE NOTE: 7			L120-136 GENERAL ARRANGEMENT TNG-VT-043-D03-0001	
	APPROVED BY: D. SHAD			DATE: 1/6/2015	
	FILE NAME: C:\120-136\GENERAL ARRANGEMENT\DRAWINGS\MODELS\CALCULATED\TNG-VT-043-D03-0001.DWG			REVISION NO.: H	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES [] INDICATES MILLIMETERS TOLLERANCES FRACTIONAL DIMENSIONS $\pm \frac{1}{16} / -0$ SURFACE FINISHES 125 \sqrt				SHEET 6 OF 7	

PART/DWG. NO.:
PRESENTATION

NOTES:
 BOOM WINCH CAMERA (QTY.1), MAIN/AUX. WINCH CAMERA (QTY. 1)
 AND IT'S MONITORING SYSTEM INSTALLED INSIDE THE OPERATOR
 CAB IS RATED FOR SAFE AREA (NON - EXPLOSION PROOF).


EARTHING WIRE CONNECTED FROM
 GANTRY TO MACHINERY DECK

EARTHING WIRE CONNECTED FROM
 MACHINERY DECK TO SLIP RING

EARTHING WIRE CONNECTED FROM
 THE BOOM TO THE MACHINERY DECK

INTERIOR CAN BAFFLE

VIEW H-H

INFORMATION CONTAINED HEREON IS CONFIDENTIAL AND TRADE SECRET DO NOT DISCLOSE, USE OR REPRODUCE WITHOUT PRIOR WRITTEN APPROVAL FROM TECHCRANE INTERNATIONAL LLC.	DESIGNED BY: F. SHAD	MATERIAL NOTES: 1. BURN PER DIMENSIONS SHOWN. 2. PLATE FLATNESS AFTER BURNING TO BE WITHIN ASTM SPECIFICATIONS. 3. REFER TO API SPEC 2C LATEST EDITION. 4. WHERE APPLICABLE - ROLL FORM PER DIMENSIONS SHOWN. 5. WHERE APPLICABLE - TACK WELD AS REQUIRED TO SECURE ROLLED CAN.	 TECHCRANE INTERNATIONAL, LLC. 17639 HARD HAT DRIVE COVINGTON, LA. 70435 U.S.A. PHONE (985) 871-0056 FAX (985) 871-0065
	DRAWN BY: lbaylis		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES [] INDICATES MILLIMETERS <u>TOLLERANCES</u> FRACTIONAL DIMENSIONS $\pm \frac{1}{16}$ / -0 SURFACE FINISHES 125V	WEIGHT: SEE NOTE: 7	DESIGN STATE: Released	L120-136 GENERAL ARRANGEMENT TNG-VT-043-D03-0001
	APPROVED BY: D. SHAD		
PART/DWG. NO.: PRESENTATION	FILE NAME: <small>01100 - SERIES CRANES-PRODUCTION DRAWINGS-MODEL: GALCULCATOR-MULTI-PORT-HVETSO-PETROL-08-1074.dwg</small>	MATERIAL: -	DATE: 1/6/2015
	SHEET 7 OF 7		REVISION NO.: H