



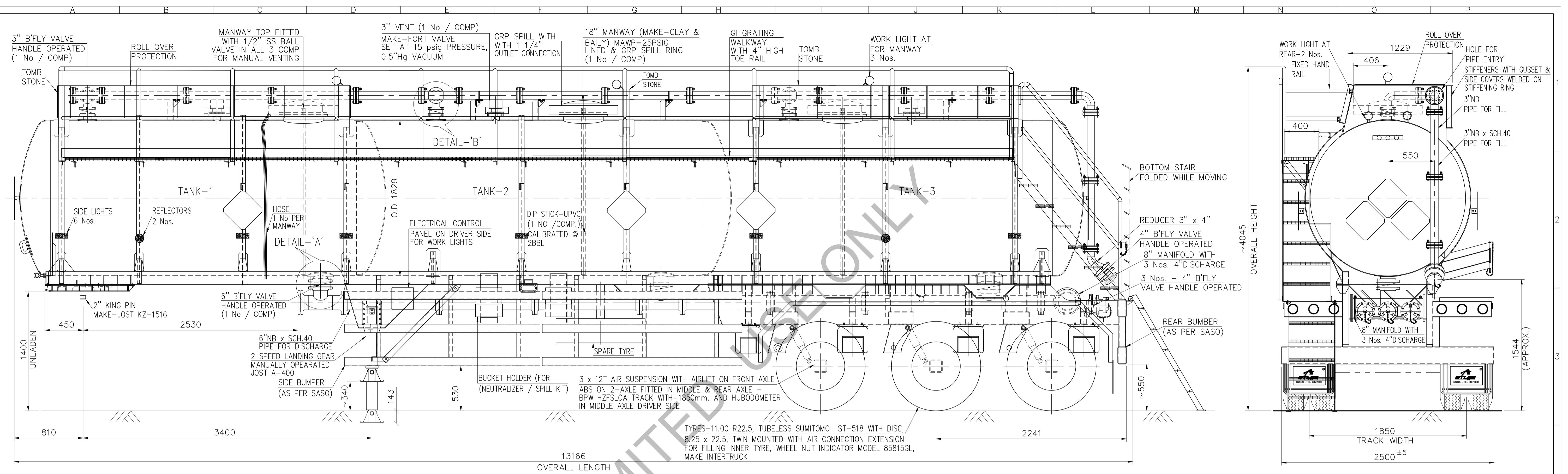
**8000USG 3-comp Derethane Lined Acid tanker trailer.**

## GENERAL SPECIFICATION:

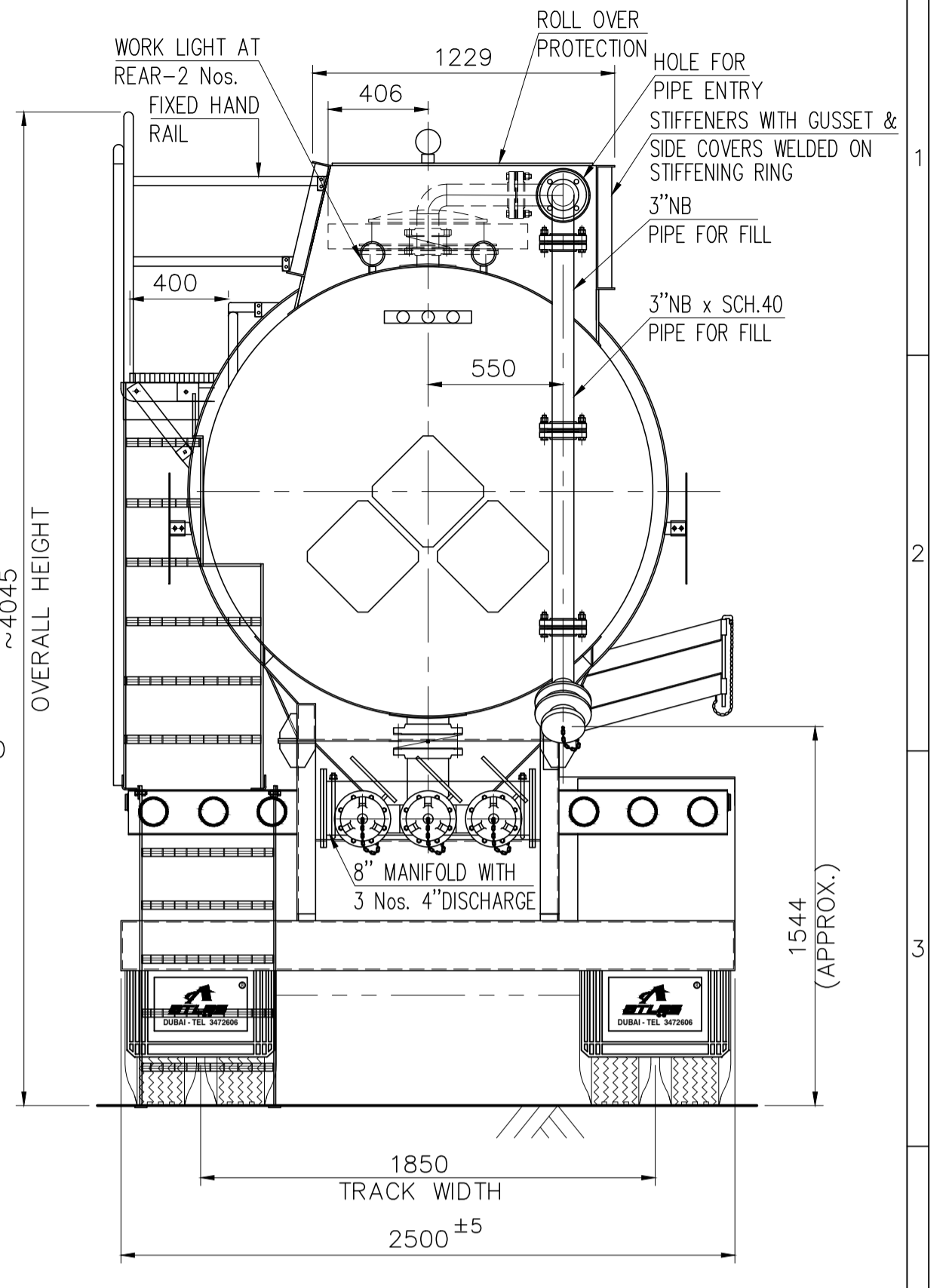
### 8000 USG 3-COMP ACID TANK TRAILER

- Material of construction A36.
- Domed Ends 8mm, Shell 6mm thick
- Axle 3x12T air suspension with ABS on 2 axle- make BPW
- Tyres 11R22.5 R187 Sumitomo with disc rims.
- Single tank with internal compartments.
- All tanks and pipeline internally lined with Derekane 470-300 lining.
- Spring brake on 2 axles.
- Landing leg Jost A400
- kingpin 2" Jost
- Each compartment has a Clay and Bailey manway with PRV.
- With working lights.
- Roll over protection.
- With stairs as per current design.
- Side bumpers to meet SASO requirement for Saudi.
- All valves manually operated.





**ELEVATION**



**REAR VIEW**

- NOTES :**
- ALL DIMENSIONS ARE IN 'mm' UNLESS OTHERWISE SPECIFIED.
  - CAPACITY : 8000 USG (WHEN TANK IS HORIZONTAL)
    - COMPARTMENT-1 : CAPACITY = 2667USG
    - COMPARTMENT-2 : CAPACITY = 2667USG
    - COMPARTMENT-3 : CAPACITY = 2667USG
    - TOTAL = 8000 USG (APPROX +300 USG ULLAGE APPROX)
  - MATERIAL STEEL : A 36/BS4360 Gr.43A OR EQUIVALENT  
THICKNESS : DISHED END & PARTITION DISHES 8THK (NOM.) AND SHELL - 6THK
  - INSPECTION PROCEDURE :
    - a> RADIOGRAPHY : NIL ; DP TEST : 100%
    - b> VISUAL INSPECTION (BY ASECO QC DEPT.)
    - c> PRESSURE TEST : HYDROSTATIC TEST AT 36 PSI BEFORE DERAKANE 411-45 LINING (WITNESS BY THIRD PARTY)  
HYDROTEST PIPING ALSO AT 36 psi BEFORE DERAKANE 411-45 LINING
    - d> LINING INSPECTION : VISUAL - 100% & SPARK TEST
    - e> LEAKAGE TEST ON PIPING - ALL PIPING SHOULD BE PNEUMATIC TESTED AT 10 PSI AFTER LINING.
  - BRAKES : 2 LINE AIR BRAKE SYSTEM WITH SPRING ASSISTED BRAKES WITH ABS (WABCO) ON TWO AXLES  
FITTED IN MIDDLE & REAR AXLE
  - ELECTRICAL (AS PER EURO STD.): 12V - 7 PIN PLUG, LED SIDE/TAIL LIGHTS (MAKE: GROTE/EQUIVALENT) & REFLECTORS. (THE ELECTRICAL CABLES WILL RUN IN PVC CONDUITS.)  
-ROTATING BEACON LIGHT AT REAR INTEGRATED WITH BRAKES  
ELECTRICAL/BRAKE LINE COUPLING AT FRONT SHALL BE OFFSET ON THE DRIVER SIDE. **MANDATORY REQUIREMENT**
  - SURFACE FINISH / LINING AND PAINTING DETAILS :
    - 7.1 - INTERNAL:**
      - a> GRIT BLASTING TO SA 2.5
      - b> LINING : TANK AND WELDED NOZZLES TO TANK - DERAKANE 470-300 LINING.
      - c> ALL LOOSE PIPE FITTING AND OTHER PARTS IN CONTACT WITH CONTENT DERAKANE 470-300 LINING. EXCEPT END FITTING CONNECTIONS WITH WECO TO HAVE DERAKANE 470-300 LINING.
      - d> MANWAY COVER (CLAY & BAILEY) INTERNALLY LINED WITH DERAKANE 470-300.
    - 7.2-EXTERNAL:**
      - a> EXTERNAL-GRIT BLASTED TO SA 2.5, & SUITABLE PRIMING.
      - b> TANKER-POLYURETHANE EPOXY PAINT; FINISH COLOUR: TBA
      - c> PAINTING TO BE DONE AFTER LINING.
      - d> FIRE EXTINGUISHER CAGE TO BE RED.
      - e> PAINTING SPECIFICATION : TBA
      - f> "LONG VEHICLE" STICKER AT REAR
      - g> CONSPICUITY TAPE: CONSPICUITY TAPE TO BE INSTALLED. 100% OF WIDTH OF REAR OF UNIT AND APPROXIMATELY 50% OF LENGTH OF EACH SIDE OF UNIT (RELATIVELY UNIFORMLY SPACED)
  - ALL ACID RESISTANT VALVES & UNIONS SHALL BE SUPPLIED BY ASECO
  - S.S. NO. PLATE WITH DESCRIPTION, CUSTOMER NAME, OPERATING PR., TEST PR. DATED & FIXED ASSET NO. TO BE PROVIDED.
  - IDENTIFICATION PLATE BEARING ASSET NO. OF TANKER (IF GIVEN BY CLIENT)
  - ALL HOSES FITTED WITH GALVANIZED IRON CLAMPS.
  - ELECTRICAL/BRAKE LINE COUPLING AT FRONT SHALL BE OFFSET ON THE DRIVER SIDE.
  - GASKET MATERIAL : EPDM.
  - ACCESSORIES
    - 14.1. FIRE EXTINGUISHER-12 Kg-DCP (25 Lbs)-2 NOS. (EITHER SIDE OF TRAILER)
    - 14.2. MUDGAURDS & MUDFLAPS (AT REAR ONLY) REQUIRED.
    - 14.3. PLATE(GRADE: A 36) FOR FITTING PLACARD: 12 NOS REQUIRED (PLACARDS NOT IN ASECO SCOPE)

- 24/12 V VOLT CONVERTOR REQUIRED
- STAIRS ARE PROVIDED AT REAR OF TRAILER WITH G.I GRATING WALKWAY,
- MANWAYS TO HAVE DOME LID STOPS (NO CHAIN OR SPOTWELDS)
- DOCUMENT HOLDER (ROUND SECTION): TO BE FITTED. 1 NO. ON CURB SIDE OUTRIGGER FACING TRUCK
- CHOCK BLOCKS: CHOCK BLOCK HOLDER WITH RETAINER. TWO CHOCKS WITH SHORT 3 FT. CHAIN FITTED ABOVE AT REAR OF MUDGUARD AT DRIVER SIDE
- GROUNDING LUGS: INSTALL FOUR (4) ANTI-STATIC GROUNDING LUGS ON TRAILER WITH A NON-CORROSIVE METALLIC MATERIAL WITH GOOD ELECTRICAL CONNECTIVITY.  
TWO AT FRONT & TWO AT REAR.(4 Nos) (INSTALL ONE AT EACH SIDE OF FRONT & REAR)

DOCUMENTATIONS TO BE INCLUDED		
a	MATERIAL TEST CERTIFICATE	
b	GENERAL ARRANGEMENT DRAWING (AS-BUILT)	
c	HYDROSTATIC/RADIOGRAPHY REPORT BY THIRD PARTY WITH FIXED ASSET NO.	
d	LINING TEST CERTIFICATE	
e	SPARK TEST CERTIFICATE	

MANDATORY REQUIREMENT	
1.	"MADE IN UAE" STENCIL PAINT ON BOTH SIDE OF TANK
2.	"LONG VEHICLE" STICKER AT REAR
3.	ROTATING BEACON LIGHT AT REAR INTEGRATED WITH BRAKES
4.	REVERSE BUZZER WITH LIGHT.
5.	MUD FLAP
6.	TRANSIT PLATE BRACKET
7.	SERIAL NO TO BE WELDED (ALSO ASSET NO IF ANY)
8.	SERIAL NO TO BE PUNCHED ON MAIN RAIL.

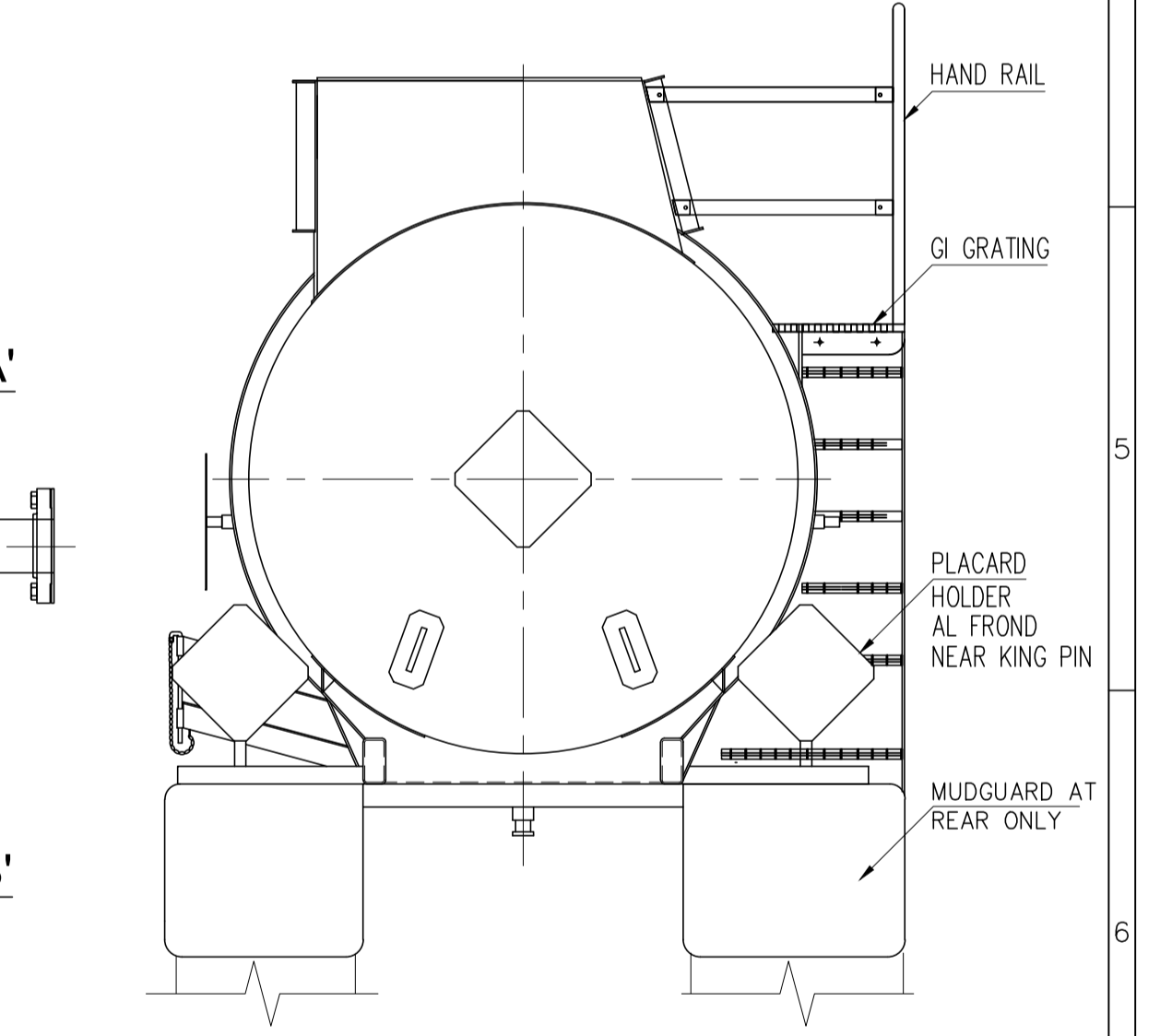
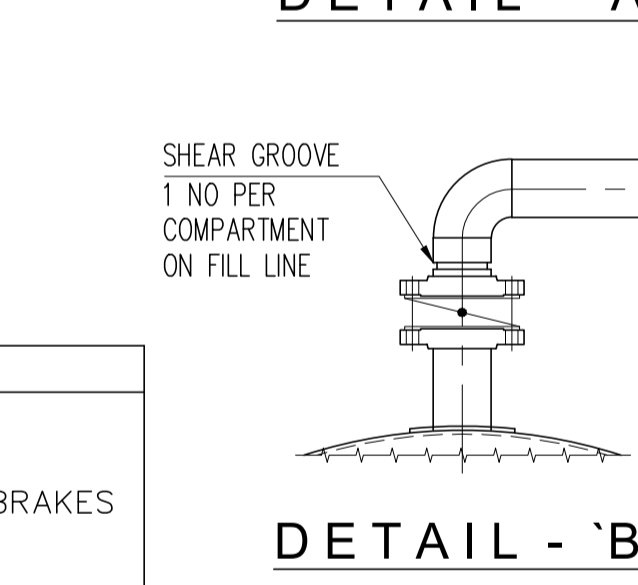
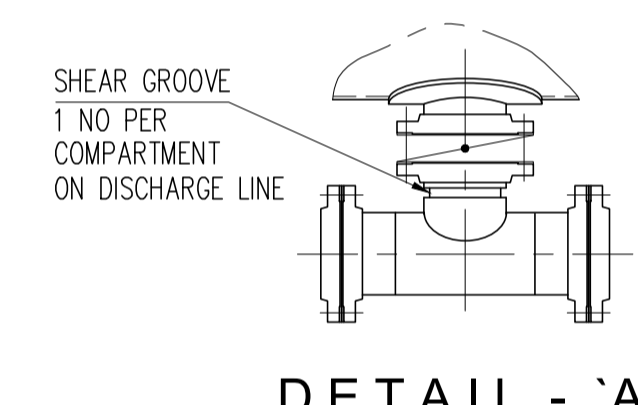
TEXT HEIGHT : 50mm  
COLOR : TBA  
FONT : ARIAL

OVERALL DIMENSIONS & WEIGHT		
LENGTH :	13,200 mm	
WIDTH :	2500 mm	
HEIGHT :	4045 mm	
EMPTY WEIGHT :	15,500 kg	(TO BE VERIFIED PHYSICALLY)

STENCILING DETAIL ON TANK		
CAPACITY :	8000 USG(3 COMP)	
TARE WEIGHT:	14200 KG	
OVERALL DIMENSION:	L-13.25M x W-2.5M x H-4M	

TEXT HEIGHT : 80mm  
COLOR : TBA  
LOCATION : TANK DRIVER SIDE ABOVE THE LANDING LEG

SL.NO.	VALVES, UNIONS & OTHER TANK FITTINGS (VALVES - ACID SERVICE)	QTY.
1	BUTTERFLY VALVE - 6", WITH HANDLE	3
2	BUTTERFLY VALVE - 4", WITH HANDLE	4
3	BUTTERFLY VALVE - 3", WITH HANDLE	3
4	UNION - 4" FIG.207;	4
5	MANWAY-MAKE: CLAY & BAILEY SIZE: 18", MAWP: 25 psig WITH 18" BASE GASKET	3
6	PRESSURE VACUUM RELIEF VALVE; SIZE: 3" MAKE: FORT VALE SET AT 15psig PRESSURE, 0.5"HG VACUUM	3



**FRONT VIEW**

**DERAKANE LINING 470-300**

	DRN.	SM	28.10.18
	CHKD.	TCM	28.10.18
<b>GENERAL ARRANGEMENT</b> 8000 USG. [3 COMP.] ACID TANKER TRAILER	APPD.	MSP	28.10.18
	SCALE :	N.T.S	
CLIENT: BCB N.E.LIMITED	QTY. :	2 Nos.	
DWG. NO.: 14283 F	REV.: 0	SHEET 01 OF 01	SO. NO.: 10383
FG CODE: OTOH031800			

NO.	LOCATION	DESCRIPTION	REVD	CHKD.	APPD.	DATE

**REVISION**