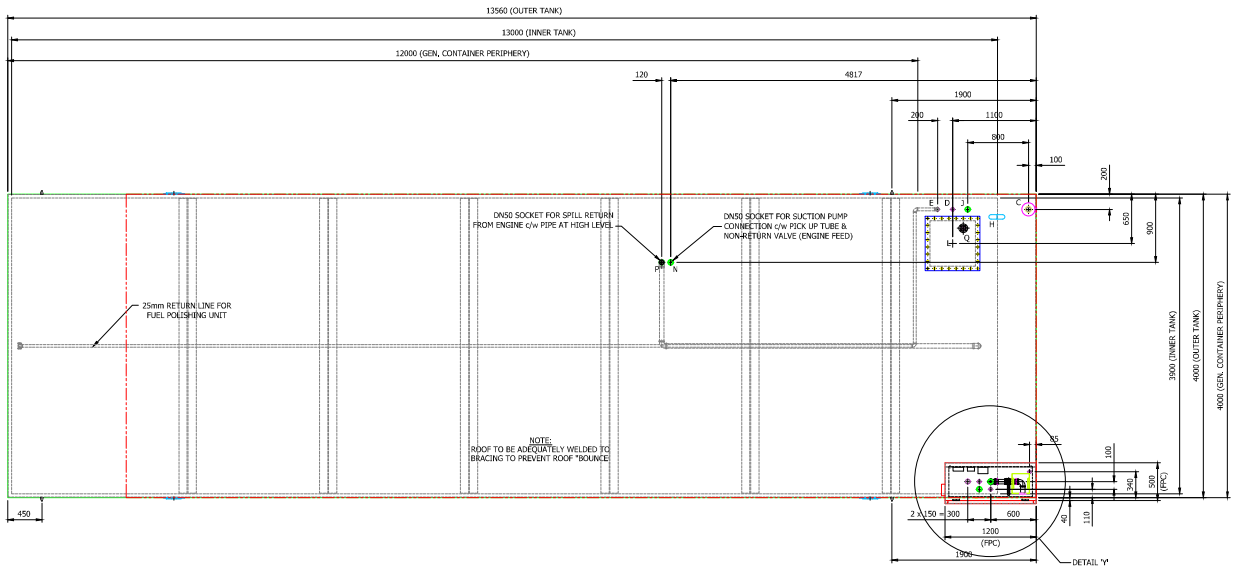



A = DN25 SOCKET FOR TANK BUND LEAK SWITCH

B = DN50 SOCKET FOR TANK FILL

C = DN50 SOCKET FOR TANK VENT
c/w MUSHROOM CAP OR BREATHER TRAP (OPTIONAL)

D = DN25 SOCKET FOR FUEL POLISHING INLET
(FOR FUTURE OPTIONAL MOBILE POLISHING UNIT)

E = DN25 SOCKET FOR FUEL POLISHING RETURN
(FOR FUTURE OPTIONAL MOBILE POLISHING UNIT)

F = DN25 SOCKET (SPARE)

G = DN40 SOCKET FOR OVERFILL ALARM & LOW LEVEL ALARM.

H = VENT UNIT BETWEEN INNER TANK & BUND

J = DN50 SOCKET FOR DRAIN c/w SUCTION PIPE (CAPPED)

K = DN25 SOCKET FOR O.L.E. C2020 PROBE

L = INSPECTION ACCESS

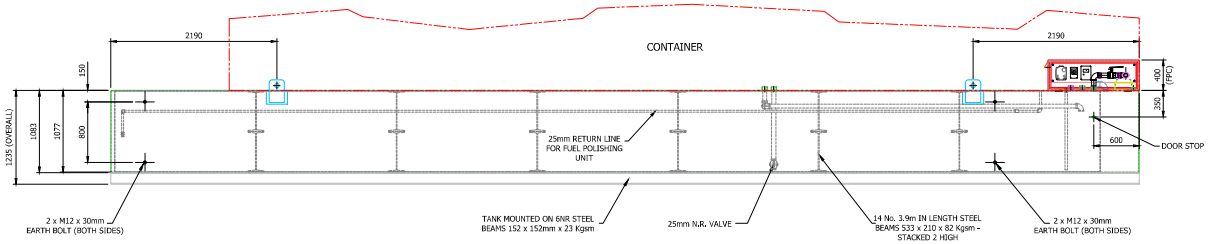
M = DN50 SOCKET (SPARE)

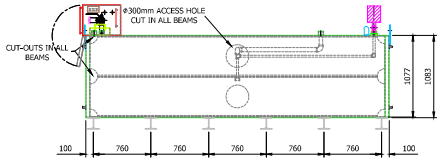
N = DN50 SOCKET FOR ENGINE FEED c/w NRV

P = DN50 SOCKET FOR ENGINE SPILL RETURN

Q = DN25 SUCTION LINE c/w NRV & FLANGED TO MANWAY LID.

NOTES
1. TANK TO BE MANUFACTURED i.a.w. BS 799 Pt. 5 Type J.
2. TANK TO BE MANUFACTURED FROM 6mm THICK STEEL TO S275JR BS EN 10025:2004.
3. TANK FINISH :-
(i) ELECTRIC WIRE BRUSH (WHERE NECESSARY) & DEGREASE.
(ii) 1 COAT PRIMER.
(iii) 2 COATS OF AIR DRYING ENAMEL.
COLOUR - BS 4800 18-B-25 DARK ADMIRALTY GREY.
MINIMUM PAINT THICKNESS (DFT) - 70um.
4. TANK CAPACITY - 49,176 Ltr NOMINAL. 53,000 Ltr BRIMFUL.
5. WEIGHT - 21.0 Tonnes (DRY), 64.0 Tonnes (WET).
6. WELDING TO BE CARRIED OUT i.a.w. BS EN 1011-1:2009 WITH REFERENCE TO BS EN 1011-2:2001.
7. WELDING SYMBOLS USED ARE i.a.w. BS EN ISO 22553.
8. INSPECTION & TESTING TO BE CARRIED OUT i.a.w. BS EN 1011-1:2009.
9. TESTING
(i) TANK - 0.2 Bar.
(ii) BUND - 0.1 Bar MAX. TEST PRESSURE.
ISSUE TEST CERTIFICATE ON SUCCESSFUL COMPLETION.

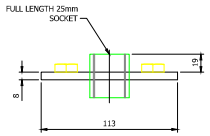



NOTES:

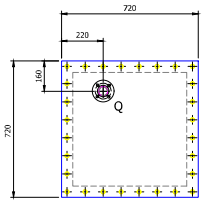
1. FOR FILL POINT CABINET INFORMATION SEE DRG No. JN390313-009.

2. ALL BLANKING PLUGS TO BE METAL.



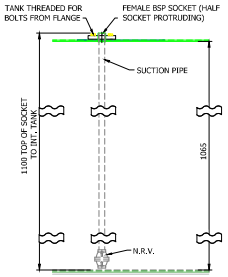

FLANGE DETAIL

SCALE 1:2



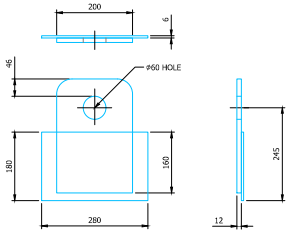

TANK TOP PENETRATION

SCALE 1:10



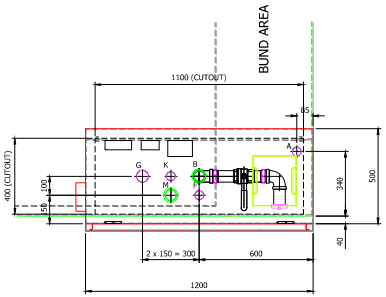

SUCTION PIPE DETAIL

SCALE 1:5




LIFT LUG DETAIL

SCALE - 1 : 5




VIEW ON DETAIL 'Y'
THRO' FILL POINT CABINET

SCALE 1:10

| No. | Date | Change | By |
|---|---|---|---|
| # | 12-10-18 | SOCKET 'Q' ADDED | KA |
| A | 08-07-18 | DESIGN REVIEW | KA |
| 0 | 14-06-18 | FIRST ISSUE | KA |

3rd Angle Projection — Do Not Scale. — All Dimensions In MM Unless Otherwise Stated.

ARK TANKS LTD
Power Systems House, Malvern Road, Maidenhead, Berkshire. SL6 7RE.
Tel:01628 503900 Fax:01628 503999

Customer: GRATTE BROTHERS

Site: ARK A104 CODY PARK

Title: BASE FUEL TANK DETAIL (TYPE 'B') (49176L USABLE).

| Drawn | Date | Scale |
|---|---|---|
| R.D. | 14-06-18 | 1:25 U.O.S. |
| Checked | Date | Sheet Size A0 |

Drawing No.: JN390313-006 SHEET 2 of 2 — Rev: B