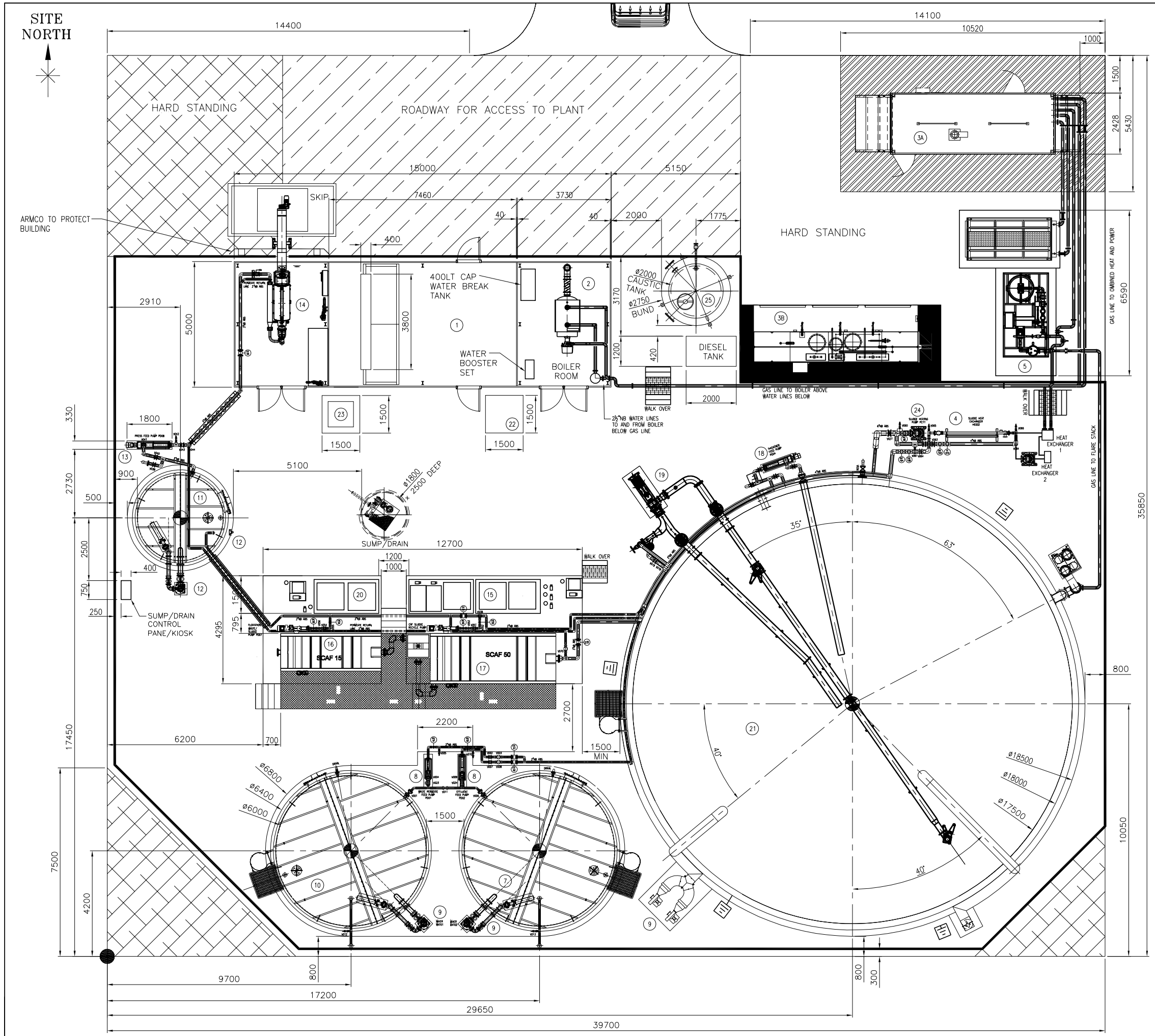


NOTES
1. ALL TANK PUMP AND ANCILLARY EQUIPMENT PLINTHS TO BE AT THE SAME LEVEL AS ADJACENT TANK BASE
2. MIXER PUMP BASE FOR SLUDGE, TRADE WASTE AND PERMEATE TANKS TO BE 150 ABOVE ADJACENT TANK BASE
3. ALL DUCTS TO TERMINATE 150 ABOVE SLAB OR GROUND LEVEL

LEGEND
1. CONTROL ROOM PANEL 6m x 0.6m APPROX WEIGHT 200kg
2. BOILER APPROX WEIGHT 280KG
3A. CONTAINERISED GAS GENERATOR FOOT PRINT 6.5m x 3.2m WIDE WITH OVER-HANG APPROX 1.5 TONNE
3B. OIL STORAGE BIN, APPROX 1 TONNE
4. HEAT EXCHANGER, APPROX 850kg
5 FLARE PACKAGE, APPROX 155kg
6. DIGESTER DOM BLOWER (KIRK)
7. TRADE WASTE WATER TANK 6m DIA. WATER, APPROX 150 TONNE
8 FEED PUMP PLINTH 2 No, 25kg
9. 2 No. MIXER PLINTHS, PUMP APPROX 25kg
10. PERMEATE WASTE WATER 6m DIA, APPROX 150 TONNE MAX
11. SLUDGE STORAGE TANK 2.5m DIA, APPROX 20 TONNE
12. MIXER PLINTH, MIXER APPROX 25kg
13. SLUDGE TRANSFER PUMP, APPROX 25kg
14. PRESS HOUSE, MAJOR ITEM 2m x 1.5m APPROX 1.2 TONNE
15. CHEMICAL IBC PLINTH 1.5m X 4.5m, APPROX 3 TONNE
16. CAF POLISHER 2m x 3.5m, APPROX 14 TONNE WORKING
17. CAF THICKENER 2m x 5m, APPROX 20 TONNE WORKING
18. CAF FEED PUMP, APPROX 25kg
19. CHOPPER PUMP, APPROX 75kg
20. CHEMICAL IBC PLINTH 1.5m x 4.5m, APPROX 1.2 TONNE
21. DIGESTER, DIA 17.5m LIQUID WEIGHT 1100 TONNE
22. SHOWER, APPROX 50kg
23. DE-WATER PRESS POLYMER + BUND, APPROX 1 TONNE
24. SLUDGE RETURN PUMP, APPROX 40KG
25. CAUSTIC TANK AND BUND APPROX WEIGHT (TANK FULL) 8 tonne

HOLD
1. MAINS WATER AND SLUDGE HEATING TO BE SITE RUN

IF IN DOUBT ASK

| REV | DRAWN | DESCRIPTION | DATE | CHK'D | APP'D |
|---|---|---|---|---|---|
| H | JRW | AS BUILT | 26.11.10 | DR | |
| G | JRW | SUMP/DRAIN WAS Ø2000 | 24.03.10 | DR | . |
| F | JRW | CAF AND HEAT EXCHANGER PIPEWORK UPDATED | 10.03.10 | DR | . |

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project: 8111 BVD STUDY

title: MECHANICAL SITE LAYOUT OF PLANT

scales: 1:75 @ A1

drg number: BVD 8111 - M012

rev: H