BLOWERS TO AIR GRIDS IN WADING POOL

3 x DN50 AIR LINES FROM BLOWERS TO WADING POOL RUN THRU BALANCE TANK HARD UNDER ROOF SLAB- AIR LOOP.

DN200 FROM MAIN DRAINS ENCASED IN PLANTROOM FLOOR SLAB

FLEXIBLE COUPLING

ISOLATION VALVE

WAVE POOL BALANCE TANK

S/STEEL VALVE LOOP

DRAIN GUARD- SEE DETAIL ON PWT-S-09

1730

FLEX COUPLING

ISOLATION VALVE

DN250

SUPPORT POST 'MK B' 2 PLACES

SUPPORT POST 'MK A' 6 PLACES

3 GASKET

225 550 322 3000 3000

GRID LINE 3 CONSTRUCTION JOINT

RRJ JOINT AT CONSTRUCTION JOINT

1250

DN250 SUCTION

DN250 SUCTION

FEATURES PUMP

TO FEATURE PUMP

DN250 SUCTION

DN200 WADING POOL FILTERED WATER BOOST

VAC TRANSFER STARTER AND PUMP ISO SWITCH (ON COMMON POST)

DN200 WADING POOL FILTERED WATER

DN150

135 308 440

CHECK VALVE

1390 REF

TIFT

PVC

300

1714

2020

132

200

845

F-1 ATLAS PCT 600

F-2 ATLAS PCT 600

F-3 ATLAS PCT 600

F-4 ATLAS PCT 600

F-5 ATLAS PCT 600

MONORAIL BY OTHERS

WADING POOL BALANCE TANK

2000

178 REF

2.2kW BLOWER- VACUUM TRANSFER. SEE DETAIL ON S07

DN50 AIR

AIR FILTER

2.2kW BLOWER- VACUUM TRANSFER. SEE DETAIL ON S07

VAC TRANSFER STARTER

PUMP ISOLATION SWITCH (TYP)

DN350 WAVE POOL FILTERED WATER

DN100 BACKWASH DRAIN VALVE

SIGHT GLASS

SIGHT GLASS

RISER

2300 2700 TYP 900 REF

NOM ø1190

1000 Lt ACID TANK

200 Lt ACID TANK

600mm HIGH x 150 Thk CONCRETE WALL- REFER TO GNFP STRUCTURAL DRAWINGS

VAPOUR EXTRACTION BY OTHERS

BT FLOOR RL -0.3

FALL

FALL

FALL

ACID PUMP - WADING POOL

ACID PUMP - WAVE POOL

BACKWASH TANK

ACID PUMP - CHLORINATORS

PLANTROOM FLOOR RL 0.7

CHEMICAL CONTROLS

200 200 200

1 1/2" SPARE SOCKET

2" SOCKET- ELECTROCHLORINATOR RETURN

uPVC PIPE SPOOL - FUTURE HETING PROVISION

536

2" SOCKET ELECTROCHLORINATOR TAKE OFF

200 200 200

1/1/2" SPARE SOCKET

5500

DN200 BACKWASH AT HIGH LEVEL

WAVE I

REV.	DRN.	DATE	DESCRIPTION	CHK.	APP.
B	PB	14/08/07	REVISED TO R.T INSTUCTION	-	-
A	PB	20/06/07	APPROVAL	-	-
D	PB	17/10/07	AIR LINES RUN IN BT FOR AIR LOOP	-	-
C	PB	12/09/07	WADING POOL FW LINE REVISED REVISED TO ENGINEERS INSTRUCTION	-	-
F	PB	19/05/09	AS INSTALLED	-	-
E	PB	14/12/07	LEVELS IN B/W TANK AMMENDED	-	-

Project: DARWIN CITY WATER FRONT DEVELOPMENT

Head Contractor: SITZLER
P.O BOX 39062 Winnellie N.T 0821 Ph: (08) 8984 3266 Fax: (08) 8984 4651

Aquatic Engineer: GEOFF NINNES FONG & PARTNERS Pty Ltd
Level 1, 68-70 Crown St Woolloomooloo N.S.W 2011 Ph: (02) 9332 5100 Fax: (02) 9331 2963

Filtration Sub-contractor: TRISLEY HYDRAULIC SERVICES Pty Ltd
20-22 Production Ave Kogarah N.S.W 2217 Ph: (02) 9588 1222 Fax: (02) 9587 9662

Title: PLANTROOM LAYOUT- Sht 1

DES.	DRN. PB	CHK.	APP.
DATE	DATE 20/06/07	DATE	DATE
FILE	DISK	DRAWING No.	REV.
PLT.	SCALE 1:25	PWT-S-03	F

A1