

PLAN
SCALE 1:250






WORK IN PROGRESS
NOT FOR EXTERNAL USE

Dwr Cymru Cyf gives this information as to the position of its underground apparatus by way of general guidance only on the strict understanding that it is based on the best information available and no warranty as to its correctness is relied upon in the event of excavations or other works made in the vicinity of the company's apparatus and any onus of locating the apparatus before carrying out any excavations rests entirely on you. It must be understood that the furnishing of the information is entirely without prejudice to the provision of the New Roads and Streetworks Act 1991 and of the Company's right to be compensated for any damage to its apparatus.

A1

1. NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING.
2. AREA MENTIONED ARE AREA OF PROPOSED HARDSTANDING.

LEGEND:

-  PROPOSED HARDSTANDING AREA (IMPERMEABLE) ≈1380m² (TOTAL)
 PROPOSED 100mm HIGH SPEED HUMP
 PROPOSED CONTAINMENT BUND
 NEW DRAINAGE
 EXISTING DRAINAGE

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION

- | | |
|----|------------|
| 1! | RISK No. 1 |
| 2! | RISK No. 2 |
| 3! | RISK No. 3 |

MAINTENANCE / CLEANING / OPERATION

DECOMMISSIONING / DEMOLITION

REFER TO THE DESIGN RISK REGISTER FOR FURTHER DETAILS.
IT IS ASSUMED THAT ALL THE WORKS ON THIS DRAWING WILL
BE CARRIED OUT BY A COMPETENT CONTRACTOR WHO HAS
CARRIED OUT A COMPREHENSIVE RISK ASSESSMENT.

P01	20.09.21	SP	FOR INFORMATION	-	-	-
Rev.	Date.	Drawn.	Description.	Chkd.	Appd.	Date.



Ty Awen, Spooner Close, Coed Kernew, Newport, NP108FZ

Project Name.	AFAN WwTW - IED
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Drawing Title.	SITE DRAINAGE PLAN FOR SAB APPLICATION
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Suitability.	Suitability Co
WORK IN PROGRESS	\$0

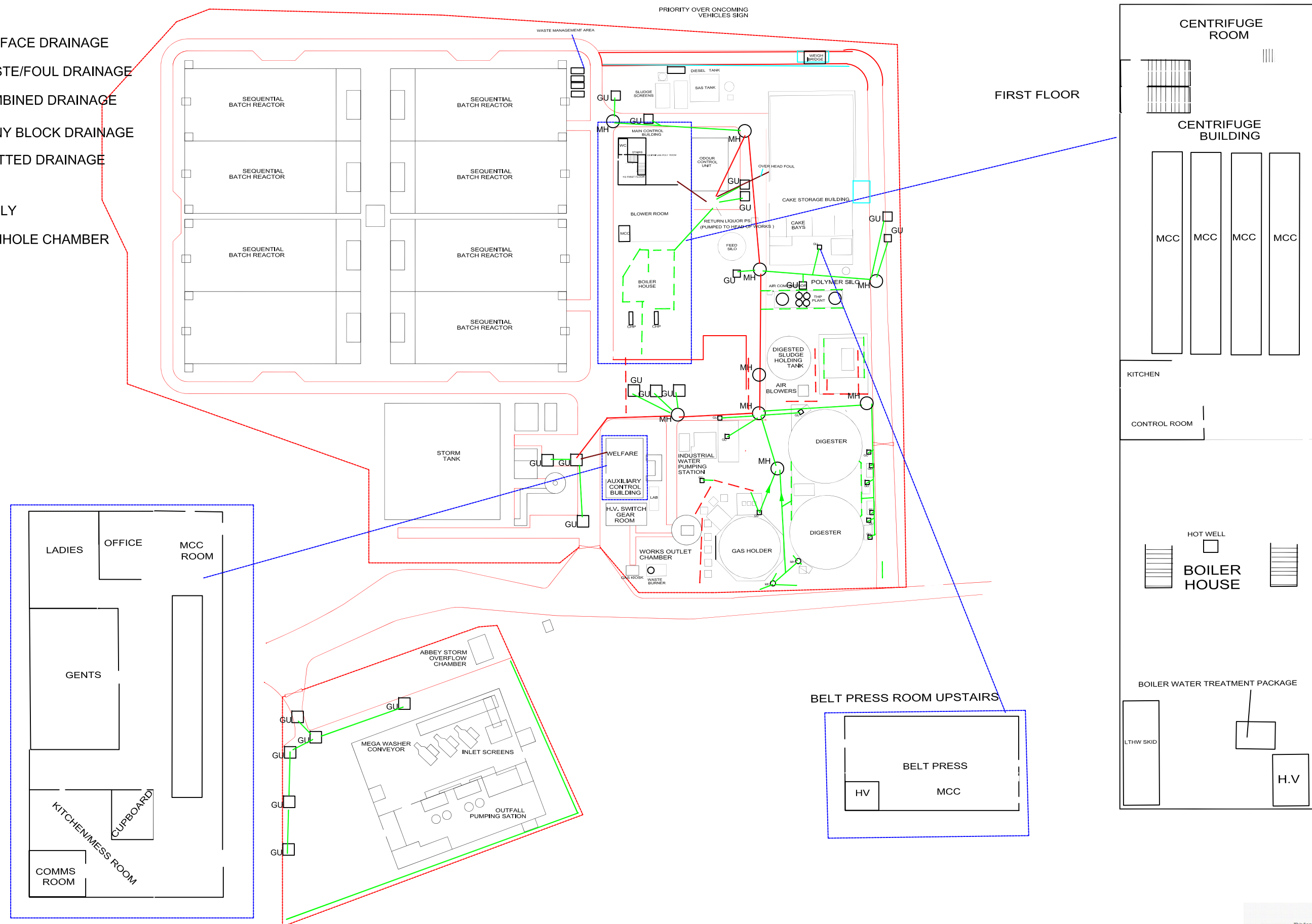
Originator. SP	Designer. SM	Date. 17.09.21
Internal Project Number. SV18	Scale. 1:250 @ A1	Rev. P01

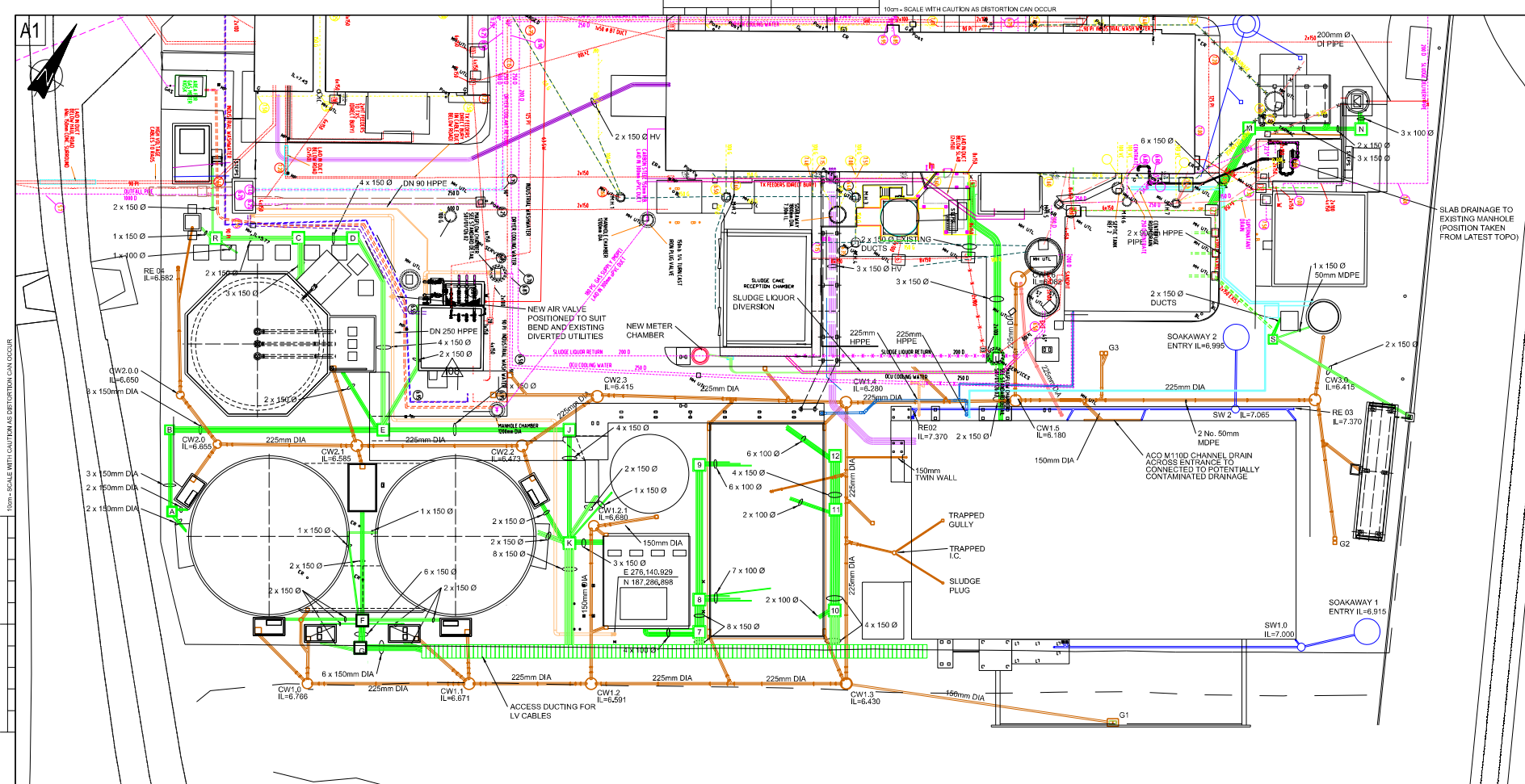
Drawing Number.
B14411-123532-XX-XX-DR-CA-CI9003

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LEGEND:

-  SURFACE DRAINAGE
-  WASTE/FOUL DRAINAGE
-  COMBINED DRAINAGE
-  BEANY BLOCK DRAINAGE
-  SLOTTED DRAINAGE
-  GULLY
-  MANHOLE CHAMBER





- LEGEND**
- POSSIBLE CONTAMINATED WATER
 - SURFACE WATER
 - BELT PRESS RETURN LIQUORS
 - LIQUOR RETURNS
 - FINAL EFFLUENT
 - DISINFECTED FINAL EFFLUENT
 - EXISTING TOPOGRAPHIC LEVELS
 - TRIAL PIT INFORMATION
 - UNDERGROUND CABLE DUCTS
 - DRAW PIT CHAMBERS
 - UNDERGROUND DUCTS FOR HV
 - DIRECT BURIED HV
 - POTABLE WATER
 - BACK UP POTABLE WATER

Rev	Date	By	Description	Drawn	Checked
X10	18/11/10	RF	AS BUILT	Y	
C09	26/05/10	RF	CONSTRUCTION ISSUE	N	
I08	11/05/10	DH	INTTECH REVIEW	N	
I07	07/05/10	DH	INTTECH REVIEW	N	
I06	27/04/10	LTO	INTTECH REVIEW	N	
C05	25/02/10	LTO	MODIFICATIONS TO CLOUDED AREAS	N	
I04	10/02/10	LTO	INTTECH REVIEW	N	
C03	11/01/10	LTO	DUCT MODS AROUND DIGESTOR, HV MODIFIED, BP RETURN LIQUORS ADDED, DB FINAL EFFLUENT ADDED, CONTAMINATED DRAINAGE ALTERED	N	
I02	22/12/09	LTO	INTTECH REVIEW	N	
C01	11/17/09	09	CAMBIL SLAB MOVED TO ACCOMMODATE LID DUCTS, Mths C0W1.3 & C0W1.4 MOVED TO SUIT CAMBIL, CO-ORDS UPDATED ACCORDINGLY, DRAWING TITLE CHANGED	Y	
C00	11/01/10	LTO	CONSTRUCTION ISSUE	Y	

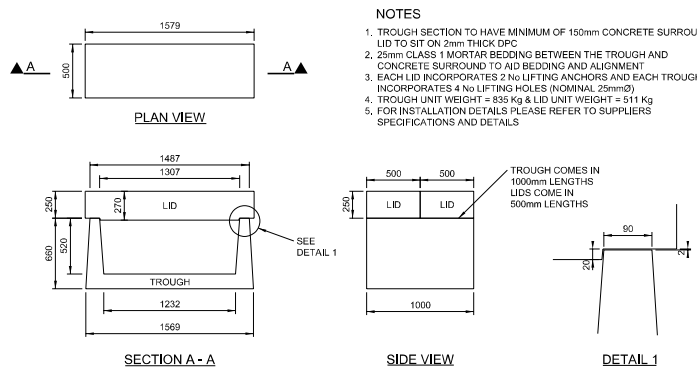
Drawing Status
AS BUILT

DUCT DRAWPIT SCHEDULE		
MH REF	EASTING	NORTHING
	276149.229	187292.183
08	276147.396	187295.324
09	276139.480	187308.775
10	276161.527	187302.138
11	276155.692	187312.250
12	276152.526	187317.594
A	276089.555	187273.289
B	276084.500	187281.311
C	276086.009	187307.915
D	276091.349	187311.094
E	276105.799	187293.792
F	276114.728	187273.649
G	276116.634	187270.401
H	N/A	N/A
J	276124.410	187304.626

DUCT DRAWPIT SCHEDULE		
MH REF	EASTING	NORTHING
K	276131.297	187293.284
L	276163.010	187337.097
M	276174.987	187374.480
N	276185.964	187380.989
P	N/A	N/A
R	N/A	N/A
S	276188.441	187355.945

POTENTIALLY CONTAMINATED WATER MANHOLE CO-ORDINATES		
MH REF	EASTING	NORTHING
CW1.0	276113.204	187264.123
CW1.1	276129.087	187273.080
CW1.2	276132.510	187296.521
CW1.2	276141.320	187280.361
CW1.3	276167.451	187295.511
CW1.4	276150.471	187323.568
CW1.5	276167.531	187333.352
CW1.6	276160.381	187346.184
RE04	276075.881	187298.009
CW2.0	276083.450	187285.388
CW2.0	276090.135	187282.658
CW2.1	276104.088	187290.580
CW2.2	276120.664	187300.301
CW2.3	276125.299	187308.613
CW3.0	276197.172	187351.269

OTHER CHAMBERS		
REF	EASTING	NORTHING
SOAK-AWAY 1	276215.943	187331.161
SOAK-AWAY 2	276185.637	187352.806
SOAK-AWAY 3	276168.361	187384.795
CW G1	276198.860	187307.202
CW G2	276205.338	187346.718
CW G3	276173.085	187343.381
SW 1	276210.417	187325.943
SW 2	276189.711	187345.381



- NOTES**
- ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM
 - FOR LONGITUDINAL SECTIONS REFER TO DRAWING 00/2049
 - FOR BEDDING DETAILS REFER TO DRAWING 00/2050
 - FOR DRAW PIT DETAILS REFER TO STANDARD DETAILS DRAWING 00/2050 & 2051
 - ALL UNDERGROUND PE PIPE WITH PENETRATIONS INTO DEWATERING BUILDING TERMINATE 1000mm ABOVE GROUND WITH A SPIGOT END. OUTSIDE EDGE OF PIPE A MINIMUM OF 300mm FROM CLADDING FACE
 - ALL DRAW PITS A MINIMUM OF 1200mm SQUARE CLEAR OPENING APART FROM DRAW PITS A, B, C, F, G & H WHICH ARE TO BE 900mm SQUARE CLEAR OPENING

'CHARCON' LT 1250 CLASS 4 ACCESS DUCTING

THESE AS BUILT DRAWINGS HAVE BEEN PREPARED BY ARUP IN GOOD FAITH BASED UPON RECORD INFORMATION PROVIDED BY MORGAN SINDALL. ARUP HAS NOT INSPECTED THE WORK TO VERIFY THE ACCURACY OR COMPLETENESS OF THIS INFORMATION.



Job Title
AFAN ADVANCED DIGESTION

Drawing Title
COMBINED SERVICES PLAN

ARUP

Consultants
Job No. 207381-100

Scale 1:250
Checked: [] Approved: [] Date: AUG 09

Project Drawing No. SWK-53154-SLT-CIV-00046
Scheme No. 2U/CM210M
Drawing No. 00/2046
X10

