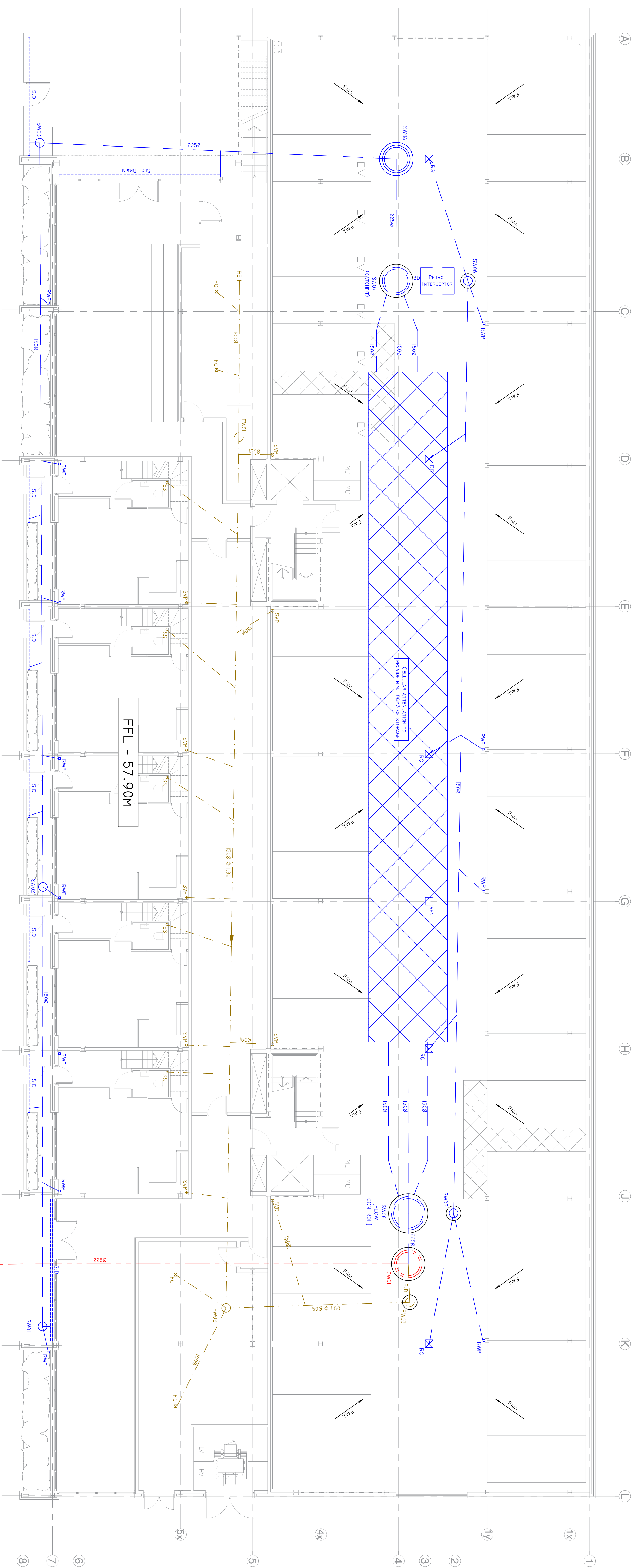




OLDHAM ROAD

SITE PLAN SHOWING PROPOSED DRAINAGE LAYOUT

1:200 @ AC
1:400 @ A2

ALL POSITIONS OF PROPOSED DRAINAGE & MANHOLES/RODDING EYES TO BE
CONFIRMED AS ACCEPTABLE BY LANDSCAPE ARCHITECT PRIOR TO COMMENCING
WORKS

DEVICE TO 8.0L/S DURING A 1 IN 100YR + 4.0% EVENT AS AGREED WITH UNITED UTILITIES.

NOTE THAT THIS DRAWING DOES NOT SHOW EVERY PENETRATION REQUIRED THROUGH THE GROUND FLOOR SLAB, AND ONLY SHOWS DRAINAGE DISCHARGE LOCATIONS. THE ARCHITECT'S/M/E ENGINEER'S DRAWINGS SHOULD BE REFERRED TO WHEN LOCATING OTHER PENETRATIONS.

PETROL/OIL INTERCEPTOR PROPOSED IS A KINGSPAN NSF-P004 BYPASS SEPARATOR. OTHER BRANDS MAY BE USED BUT BVC ARE TO BE PROVIDED WITHIN THE SPECIFICATION PRIOR TO ORDERING.

THIS DESIGN IS SUBJECT TO LLFA AND UNITED UTILITIES APPROVAL. BOTH APPROVALS MUST BE IN PLACE PRIOR TO ORDERING OF ANY MATERIALS.

FOR DRAINAGE DETAILS REFER TO DRAWING
12110/DB02

DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECT/LANDSCAPE ARCHITECTS DETAILS

ALL DRAINAGE TO HAVE RODDABLE ACCESS AT BASE OF CONNECTION

ALL EXISTING & PROPOSED COVER LEVELS & INVERT LEVELS TO BE CONFIRMED PRIOR TO COMMENCING WORK

MH Ref.	CL	IL	Drysp (m)	Da in	Da out	Seizetype
SW01	57, 750	57, 300	0.50	100	150	450 PPG
SW02	57, 750	56, 927	0.823	150	150	450 PPG
SW03	57, 750	56, 225	1.25	150	225	600 PPG
SW04	57, 600	56, 039	1.361	225	225	1200 Concrete + CS
SW05	57, 600	57, 100	0.600	150	150	450 PPG + CS
SW06	57, 100	56, 615	1.065	150	150	1200 Concrete + CS
SW07	57, 700	55, 709	1.391	225	150	1200 Concrete + CS + 300 Carbap
SW08	57, 700	55, 599	1.201	150	225	1500 Concrete + CS + Flow Control

SURFACE WATER MANHOLE SCHEDULE

INVERT LEVELS SHOWN ARE PIPE INVERTS AND DO NOT INCLUDE FOR CATCH RITS OR SUMPS

FULL WATER MANHOLE SCHEDULE

MH Ref.	CL	IL	Depth (m)	Dia in	Dia Out	Size/Type
FV01	57,900	57,225	0.975	100	150	450 P/P + T.S
FV02	57,900	56,670	1.250	150	150	450 P/P + T.S
FV03	57,900	56,550	1.350	150	150	450 P/P + C.S

FOUL WATER MANHOLE SCHEDULE

T.S - MANHOLE TO RECEIVE TRIPLE SEALED COVER
MANHOLES COVERS IN PLANT AND BIN STORES TO BE HEAVY DUTY

COMBINED WATER MANHOLE SCHEDULE

MH Ref.	CL	IL	Depth (m)	Dia. In	Dia. Out	Size/Type
CW01	57.700	55.650	2.050	225	225	1500 Concrete + C.S

GENERAL NOTES

- [illegible]

DRAFTING NOTE

- [illegible]

FOR
APPROVAL

BMC

BELL MUNRO
CONSULTING LTD

CONSULTING CIVIL & STRUCTURAL ENGINEERS
THIRU V. MOHIDEEN

0 APRIL 2004
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HEATLEY DEVELOPMENTS

OSBOURNE'S YARD

Drainage | Avvut

Drawn by	Recorded by	Scale	Date
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R.C.	S.J.B	I:100	06
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J7119/DR01