Rev	Revision	Drn	Date
P5	MANHOLE SCHEDULES REVISED FOLLOWING 29/10/18 UU COMMENTS.	AM	30/10/18
P4	MANHOLE SCHEDULES REVISED FOLLOWING 10/10/18 UU COMMENTS. FLOW CONTROL SECTIONS ADDED	AM	16/10/18
P3	REVISED TO SUIT LATEST DRAINAGE DESIGN	AM	02/10/18
P2	REVISED AS PER DANIEL HEATONS' (UU) COMMENTS FROM 16/05/18	AM	20/06/18
P1	ISSUED FOR SECTION 104 APPROVAL	AM	20/04/18

Project

BOWES STREET, MOSS SIDE

Client

ROWLINSONS CONSTRUCTION LTD

Scale:	A03	Date:	20/04/2018	Drawn:	AM

Drawing

SECTION 104 DRAWINGS

MANHOLE SCHEDULES

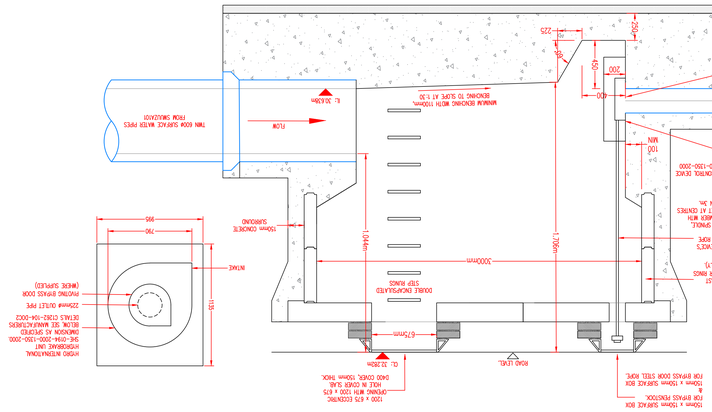
ZONE A

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Drawing No: **C1262-104-004** Rev: **P5**

Status: **PLANNING**


SECTION THROUGH FLOW CONTROL MANHOLE SW UUZ410Z
– SHOWING MANUFACTURERS SUMP DIMENSIONS
SCALE 1:20
225mm MAIN OUTLET TO MHCH1
3k 150mmø BYPASS PIPE – SET WITH LEVEL SPANNERS TO MAIN OUTLET PIPE.
HYDROBRAKE OPTIMUM FLOW CONTROL DEVICE UNIT REF: WD-SHC-0194-2000-1350-2000 DESIGN HEAD: 1.250m ORIFICE SIZE: 0194mm FLOW RATE: 20.000 l/s INVERT LEVEL: 30.638m
TWIN 600Ø SURFACE WATER PIPES FROM SMOOTHZONE
E: 30.638m
FLOW
MANHOLE BENCHING WIDTH 1100mm
200mm
100
1440mm
1150mm
300Dmm
675mm
675mm
DOUBLE STEP RUNGS
INTERNAL PRE-CAST CONCRETE CHAMBER RINGS (CUSTOMISE ONLY)
HYDROBRAKE OPTIMUM FLOW CONTROL DEVICE UNIT REF: WD-SHC-0194-2000-1350-2000 DESIGN HEAD: 1.250m ORIFICE SIZE: 0194mm FLOW RATE: 20.000 l/s INVERT LEVEL: 30.638m
SQUARE BASE TO CHAMBER WITH RESTRICTOR PLATE & OPPOSITE STEEL STEP.
FLOW CONTROL DEVICE'S SQUARE BASE TO CHAMBER WITH FLOW CONTROL ORIFICE TO SUIT INVERT LEVEL
NO GREATER THAN 3m.
150mm CONCRETE SURROUND
INTAKE
INTAKE
1100
790
990
PROTECTION GRATE
PROTECTION GRATE
PROTECTION GRATE