

F.C	MANHOLE TO CONTAIN FLOW CONTROL DEVICE	
T.D	Threshold drain (type by architect)	
· ·	DENOTES NEW FOUL WATER DRAIN	
	DENOTES NEW SURFACE WATER DRAIN	
$\bigcirc \bigcirc$	Denotes new precast concrete manhole with 150mm concrete surround	
	Denotes new PPIC manhole with 150mm concrete surround	
	GE DETAILS, REFER TO BMC	
	WING J8115/DR02	
SETTING OUT OF GULLEYS, FLOOR GULLEYS, SVP AND RWP TO BE TO ARCHITECT'S DETAILS		
	PROPOSED COVER LEVELS & INVERT	
TO BE CONFIRMED AS ACC	SED DRAINAGE & MANHOLES/RODDING EYES CEPTABLE BY LANDSCAPE ARCHITECT PRIOR COMMENCING WORKS	
DRAINAGE. TEMPORARY THE CONTRACTOR AND	BE REQUIRED IN ORDER TO INSTALL THE WORKS DESIGN IS THE RESPONSIBILITY OF IS TO BE AGREED WITH RELEVANT THIRD ES WHERE NECESSARY.	
	FLOW CONTROL	
	F: MD-SHE-0049-1000-0800-1000 ESIGN FLOW = 1.0L/S HEAD = 0.8M	
	ge Design Philosophy	
DRAINA	JE DESIGN I HILUSUPHY	
	ATER SEWER WITH A PROPOSED DISCH STING DISCHARGE RATE OF 2.1L/S F	
	ND MANHOLE NETWORK WITHIN THE S	

FOUL DRAINAGE IS TO THE EXISTING FOUL SEWER CONNECTION ON SITE.

SCHEME HAS BEEN DESIGNED FOR THE FOLLOWING CRITERIA: I:I YEAR STORM - NO SURCHARGING 1:2 YEAR STORM - NO SURCHARGING 1:30 YEAR STORM - NO FLOODING

1:100 year + 40% allowance for climate change - no flooding

SURFACE WATER MANHOLE SCHEDULE

MH Ref.	CL	L	Depth (m)	Dia. In	Dia. Out	Size/T
SW01	8.080	7.300	0.78	100	100	315 PF
						1200 Concre
SW02	8.000	6.900	1.10	100	150	+ S.
						1200 Concre
SW03	8.000	6.880	1.12	150	150	+ S.
SW04	8.080	7.300	0.78	100	100	315 PF
						1200 Concre
SW05	8.000	6.810	1.19	150	150	+ F.(

THE INVERT LEVELS SPECIFIED DO NOT INCLUDE FOR SILT TRAPS OR SUMPS AS REQUIRED

FOUL WATER MANHOLE SCHEDULE

MH Ref.	CL	IL	Depth (m)	Dia. In	Dia. Out	Size/1
FW01	8.080	7.600	0.48	100	100	450 PPIC
FW02	8.080	7.550	0.53	100	100	450 PPIC
FW03	8.080	7.500	0.58	100	100	450 PPIC
EX FW01	7.800	TBC	TBC	100	100	Existing (u

LEVELS TO BE REDUCED TO INCREASE COVER IF ENOUGH DEPTH IN EXISTING MANHOLE (TBC ON SITE)

ARGE RATE OF 1.0L/S. THIS DR A I IN I YEAR EVENT. ITE. PERMEABLE SURFACING WITH

Type PPIC rete + C.S rete + C.S PIC ete + C.S C

e/Type PIC + C.S PIC + C.S PIC + C.S unknown)

THIS DESIGN IS PRELIMINARY AND IS SUBJECT TO LLFA AND SOUTHERN WATER APPROVAL AS WELL AS CONFIRMATION OF DROP POSITIONS.

NO CONNECTION TO THE SOUTHERN WATER SEWERS ARE TO BE MADE UNTIL A SECTION 106 AGREEMENT IS IN PLACE FOLLOWING PLANNING APPROVAL.

NOT BE REPRODUCED IN PART OR IN WHOLE WITHOUT PRIOR WRITTEN AUTHORITY. . THIS DRAWING MUST NOT BE SCALED BY EITHER CONTRACTORS OR OTHER CONSULTANTS ANY DIMENSIONAL OR SETTING - OUT DISCREPANCIES ARE TO BE REPORTED TO BELL MUNRO CONSULTING PRIOR TO CONSTRUCTION / FABRICATION COMMENCING. 5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE RELEVANT BMC SPECIFICATIONS TOGETHER WITH THE APPROPRIATE ARCHITECTS AND SERVICES CONSULTANTS DRAWINGS AND SPECIFICATIONS. +. ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR PRIOR TO FABRICATION. INSTALLATION OF ALL PROPRIETARY BUILDERS METAL WORK TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. 5. TEMPORARY STABILITY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE MAIN CONTRACTOR AND SHOULD BE ASSESSED ACCORDINGLY. DRAINAGE NOTES EXACT SVP AND GULLEY LOCATIONS TO BE CONFIRMED FROM SERVICES ENGINEERS'/ARCHITECTS DRAWINGS AND DETAILS. ALL NEW PIPEWORK TO BE WAVIN OSMADRAIN OR WAVIN ULTRARIB UPVC (OR SIMILAR APPROVED) UNLESS NOTED OTHERWISE. PLASTIC PIPES (PVC-U)TO BE FLEXIBLY JOINTED AND COMPLY WITH THE REQUIREMENTS OF BS EN 1401-1 where cover to pipes is less than 750 in ROADS AND HARDSTANDINGS OR 400 MM ELSEWHERE, CONCRETE SURROUND IS TO BE PROVIDED IN ACCORDANCE WITH THE DETAIL (CLASS Z BEDDING). ALL OTHER PIPEWORK TO BE IN CLASS S BEDDING. . N.B. UNTIL FINAL SERVICE IS PLACED, HEAVY TRAFFIC IS NOT TO BE ALLOWED OVER PIPE TRENCHES WITHOUT SPECIAL PRECAUTIONS. PIPES AND FITTINGS ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS. MANHOLE COVERS IN TRAFFICKED AREAS TO BE LOAD CLASS D400 TO BS EN 124. MANHOLE COVERS IN LANDSCAPED AND PAVED AREAS TO BE LOAD CLASS AI4 TO BS EN 124. 10. MANHOLE COVERS IN PAVED AREAS TO BE RECESSED TO ACCEPT PAVING FINISH. ACCESS COVERS FOR GULLIES IN KERBSIDES TO BE LOAD CLASS C250 BS EN 124. 12. ALL INTERNAL POP UPS TO HAVE RODDABLE ACCESS. 13. ANY PPIC MANHOLE DEEPER THAN 1200MM MUST BE FITTED WITH ACCESS RESTRICTOR CAP. 14. ALL EXISTING DRAINAGE/SERVICES TO BE CONFIRMED PRIOR TO CONSTRUCTION COMMENCING. 5. PIPEWORK PASSING THROUGH BUILDING WALLS SHALL BE FITTED WITH ROCKER PIPES AS PER STANDARD DETAIL. 6. ANY UNLABELLED FOUL BRANCH PIPEWORK TO BE 100Ø PIPEWORK AT MINIMUM 1:80 FALL. ANY UNLABELLED STORM WATER BRANCH PIPEWORK TO BE 100Ø AT MINIMUM 1:80 FALL. 18. ALL RWP LOCATIONS AND NUMBERS ARE TO BE CONFIRMED BY ARCHITECT PRIOR TO COMMENCING CONSTRUCTION. 19. ALL INTERNAL MANHOLES TO BE FITTED WITH TRIPLE SEALED COVERS Preliminary INITIAL ISSUE COMMENTS 09/08/23

GENERAL NOTES:

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A HEAD OF TIME ESTATES LIMITED BITTERNE ROAD WEST, SOUTHAMPTON

Drainage Layout DRAWN BY: CHECKED BY: SCAL l:50 08/23 R.C S.J.B DRAWING NUMB J8115/D01 --/--