

EXISTING 0.6m x 2.0m DEEP FOUL
SEWER
SILTS
P.L. 61.20
BSL: 62.00(TBC)
DEPTH: 2.00m

NEW FW CONNECTION INTO
THE EXISTING FW MANHOLE
LEVEL 63.32
DEPTH: 2.00m

ASSUMED ROUTE OF THE EXISTING FW
RISING MAIN TO BE CONFIRMED ON
SITE BY THE CONTRACTOR PRIOR TO
CONSTRUCTION

THE EXISTING FW RISING MAIN TO
BE MAINTAINED PROTECTED BY THE
CONTRACTOR DURING CONSTRUCTION

RAIN GARDEN
FILLED WITH MAXIMUM 600mm TYPE 3X
IN GEOTEXTILE MEMBRANE WITH 150
COMPOST/SAND AND NATIVE SOIL.

100mm PERFORATED
DISTRIBUTION DRAIN

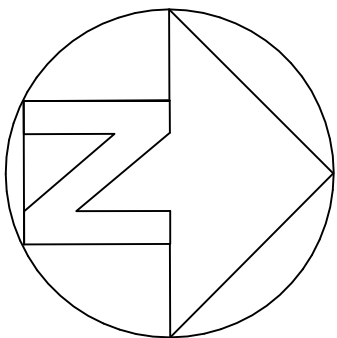
PRIVATE TANK CONTROLLED
DISCHARGE ORAR 0.4 L/S

DUMMY MANHOLE SS NOT TO BE CONSTRUCTED.
THE MANHOLE IS FITTED WITH DEPTH/FLOW
CONTROL IN THE DRAINAGE SIMULATION TO ENSURE
NO WATER ESCAPES THE MANHOLE OUTLET WITH
THE VOLUME OF THE RAIN GARDEN.

ATTENUATION STORAGE TANK
Eas Versa Void Cellular Structure Modules
(600x500x200mm units)
CL 64.10 (TBC)
BOT 63.25 (TBC)
Tank Size 16.0x2.0x0.40m dp
Storage = 12.20 cum

Note: Greater strength units may be required
depending on the design and duration of the
construction period – Contractor to liaise with
manufacturer.

EXISTING FW RISING MAIN TO PRIVATE
DRAINAGE SYSTEM OF THE HW SITE
PROPERTY TO BE MAINTAINED



KEY

- Soil Vent Pipe with Rodding Access
- RWP Rain Water Pipe with Rodding Access
- SS Stub Stack with Air Admission valve
- RE Rodding Eye
- CD Channel Drain
- FW -Existing Private Surface Water Sewer
- SW -Proposed Private Surface Water Sewer
- SW -Proposed Private Perforate Drain
- SW -Existing Public Surface Water Sewer
- FW -Existing Private Foul Water Sewer
- FW -Proposed Private Foul Water Sewer
- FW -Existing Public Foul Water Sewer
- FW -Existing Private Foul Water Pumping Main
- F6 Foul Manhole
- S6 Surface Water Manhole
- EX.FLIC Existing Private Foul Water Manhole
- Existing Private Foul Water Pumping Station
- SW Attenuation Tank
- SW Rain Garden

FOUL WATER MANHOLE SCHEDULE						
M/H REF	APPROX. COVER LEVEL	INVERT LEVEL	DEPTH (M)	M/H TYPE	COVER TYPE	COMMENTS
F1	65.46	64.86	0.60	3	B125	
F2	64.85	64.20	0.65	3	B125	
F3	64.43	63.83	0.60	3	B125	TO EXISTING FW MH IL:63.26
SURFACE WATER MANHOLE SCHEDULE						
M/H REF	APPROX. COVER LEVEL	INVERT LEVEL	DEPTH (M)	M/H TYPE	COVER TYPE	COMMENTS
RE1	66.00	65.40	0.60	RODDING EYE	-	
S1	64.10	63.494	0.606	3	B125	TO ATTENUATION TANK
RE2	66.00	65.40	0.60	RODDING EYE	-	
S2	65.65	65.00	0.65	3	B125	
S3	64.10	63.444	0.656	3A SILT TRAP	B125	TO ATTENUATION TANK
S4	64.00	63.25	0.75	3B 600ø FLOW CONTROL MH	B125	TO RAIN GARDEN

ALL DIMENSIONS AND LEVELS
TO BE CHECKED AND
CONFIRMED BY THE ARCHITECT
PRIOR TO CONSTRUCTION.

In addition to these notes, reference shall be made to the specification of
works and the relevant Architect's and Specialist's drawings and specifications.
The Contractor is responsible for verifying all site dimensions before
commencing works.
All dimensions are in millimetres unless noted otherwise.
This drawing has been produced electronically and may have been photo
reduced or enlarged when printed or copied. Dimensions on this drawing shall
not be used for construction purposes. Any discrepancy between dimensions
errors or omissions are to be reported to the engineer immediately.
Levels are in metres unless noted otherwise to Ordnance Survey datum.
The Contractor is responsible for the stability of the building whilst the works
are in progress.

NOTES

- THIS DRAWING IS BASED ON DRAWING NO. B04.3.24 BY
BELMONT DESIGNS ARCHITECTURE PRACTICE LIMITED.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH
THE FOLLOWING DRAWING:
63770/11 DRAINAGE DETAILS SHEET 1 OF 2
63770/12 DRAINAGE DETAILS SHEET 2 OF 2
- CONTRACTOR IS TO TAKE NECESSARY PRECAUTIONS TO
ENSURE THAT TRENCHES ARE KEPT CLEAR OF GROUND
WATER DURING CONSTRUCTION.
- ALL DRAINAGE WORKS TO BE CARRIED OUT IN
ACCORDANCE WITH 'SEWERS FOR ADOPTION' 7TH
EDITION.
- ALL ADOPTED PIPEWORK TO BE 100% VITRIFIED CLAY
UNLESS NOTED OTHERWISE.
- ALL PIPEWORK THROUGH WALLS TO BE IN
ACCORDANCE WITH THE BUILDING REGULATIONS.
- ALL PIPEWORK UNDER ROADS WITH LESS THAN 900MM
COVER TO HAVE 150MM CONCRETE SURROUND.
- MINIMUM GRADIENT TO DRAINS TO BE 1:40 FOR
110Ø OR 110Ø FW AND 1:100 FOR 110Ø SW.
- ALL ADOPTED PIPEWORK, DRAINAGE LATERALS OR
PIPE CONNECTION TO THE PUBLIC SHALL BE VITRIFIED
CLAY (VC) PIPE MATERIAL TO SOUTHERN WATER
APPROVAL.
- POSITIONS OF MANHOLES SHOWN ON THIS DRAWING
ARE INDICATIVE ONLY. ACTUAL LOCATIONS TO BE
FINALIZED ON SITE.
- PROVIDE CONCRETE LINTELS OVER OPENINGS WHERE
PIPES PASS THROUGH WALLS. ALLOW FOR 150MM
CLEARANCE ALL ROUND PIPE.

REV	DESCRIPTION	DATE	BY
G	ADDED RAIN GARDEN DETAIL	04/12/25JS	
F	ADDED DUMMY MH IN RAIN GARDEN	20/11/25JS	
E	ATTN. TANK /RAIN GRADEN SIZE AND DRAINAGE LEVELS	10/11/25JS	
D	MENDED RAIN GARDEN DEPTH	29/10/25JS	
C	MENDED SW DRAINAGE LAYOUT	04/09/25JS	
B	MENDED SW DRAINAGE LAYOUT	07/08/25JS	
A	MENDED DRAINAGE LAYOUT	05/06/25JS	
O	ORIGINAL ISSUE	30/04/25JS	

DIXON HURST

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DRAWING			DRAWING	
DRAWING NO.	REV	CHECKED	DRAWN	APPROVED
63770 / 10	G			
SCALE 1:125@ A1	DATE JULY 25			
AutoCAD Ref: 63770-10.dwg	JS			

This drawing is produced using AutoCAD. Only written dimensions are to be respected.