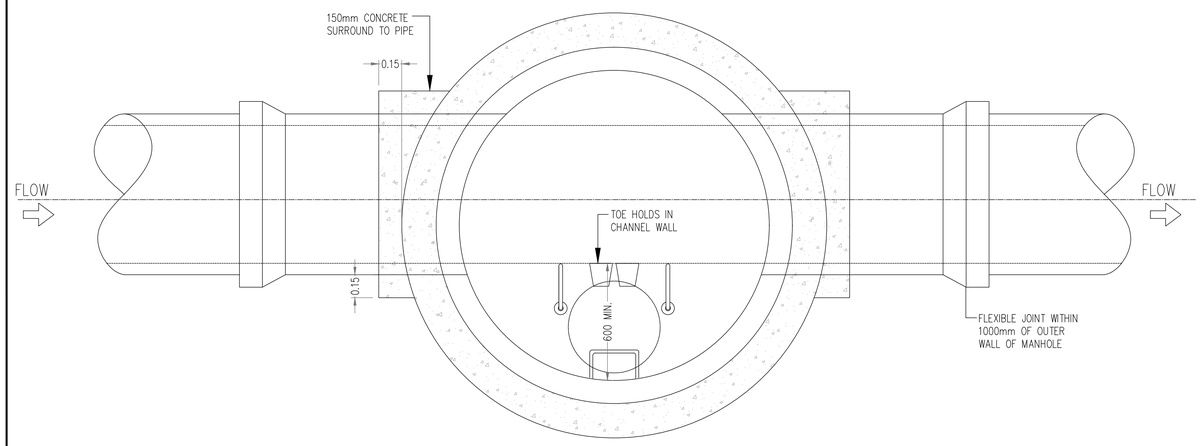


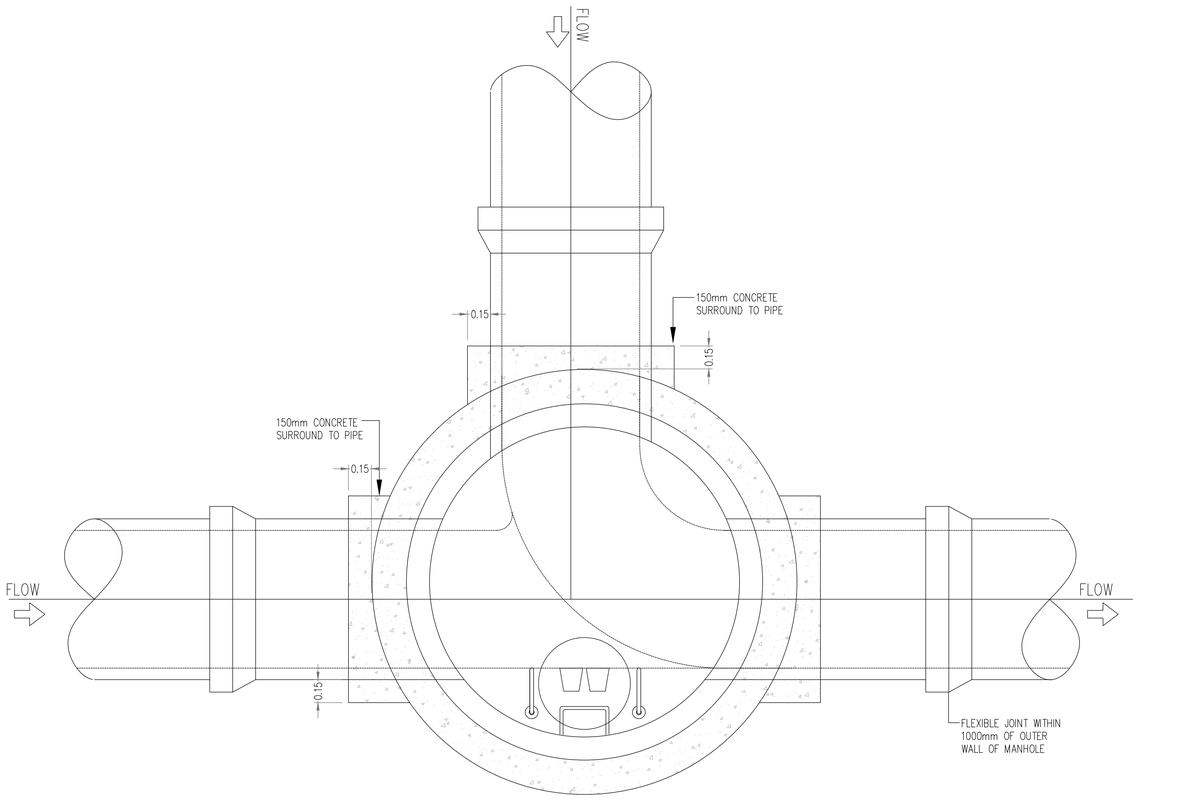
SECTION A–A
SCALE 1:25

NOTES :

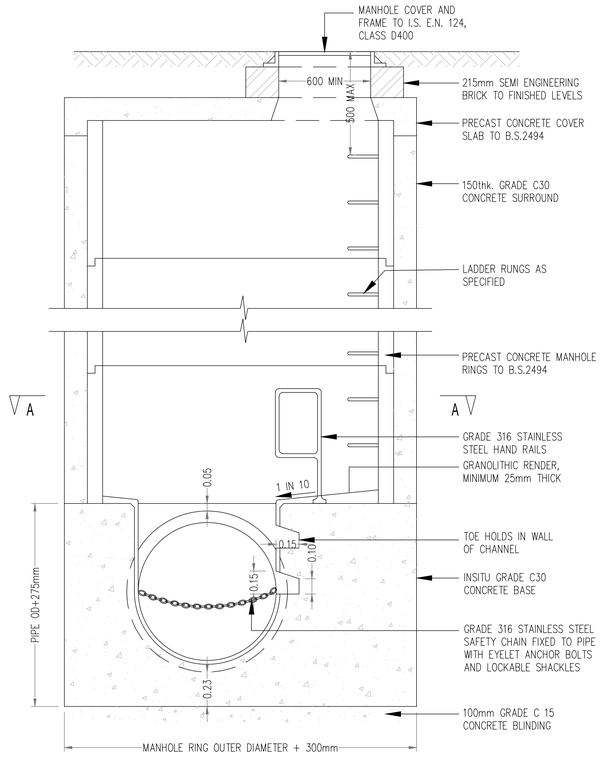
1. DO NOT SCALE FROM THIS DRAWING USE STATED DIMENSIONS ONLY. IF IN DOUBT CONSULT THE ENGINEER.
2. LEVELS REFER TO O.S. DATUM MALIN HEAD.
3. PRECAST MANHOLE RINGS, COVER SLABS AND REDUCING SLABS SHALL COMPLY WITH I.S. 420 :1989.
4. PRECAST MANHOLE RINGS, COVER SLABS AND REDUCING SLABS SHALL BE INSTALLED COMPLETE WITH TYPE 2 RUBBER GASKETS AND JOINTING RINGS WHICH COMPLY WITH B.S. 2494.
5. CONCRETE TO MANHOLE BASES AND SURROUNDS SHALL BE GRADE C30. SURROUND SHALL BE A MINIMUM OF 150mm THICK AND CONTAIN ONE LAYER OF A142 REINFORCEMENT MESH.
6. BLINDING CONCRETE SHALL BE GRADE C15. BLINDING SHALL BE A MINIMUM THICKNESS OF 100mm.
7. SAND CEMENT RENDER 25mm THICK SHALL BE APPLIED TO THE BENCHING AND CHANNEL WITH A STEEL TROWEL FINISH.
8. LADDER RUNGS SHALL BE P.V.C. COATED STEEL. FOR MANHOLES WITH A DEPTH TO INVERT GREATER THEN 4.0m USE GRADE 316 STAINLESS STEEL LADDERS.
9. DROP PIPE WORK SHALL BE SIZED IN ACCORDANCE WITH TABLE NO. 1. WHERE THE CONNECTION < 1.0m ABOVE INVERT USE RAMP CONNECTION, WHERE CONNECTION IS > 1.0m ABOVE INVERT USE DROP CONNECTION.
10. MANHOLE COVERS AND FRAMES SHALL COMPLY WITH I.S. E.N. 124, AND SHALL BE CLASS D400 WITH A CIRCULAR OPENING OF 600mm MINIMUM AND A SQUARE FRAME.
11. SUITABLE SHORT LENGTHS OF PIPE OR ROCKER PIPES SHALL BE INSTALLED TO PROVIDE A FLEXIBLE JOINT WITHIN 1000mm OF THE OUTER FACE OF THE MANHOLE ON ALL SEWERS AND BRANCHES.
12. SEMI ENGINEERING BRICK SHALL BE GRADE 47N/mm².
13. FOR ALL INLETS, OUTLETS AND BRANCHES MATCH CROWN LEVELS UNLESS INDICATED OTHERWISE ELSEWHERE.
14. STORMCELL STORM WATER ATTENUATION SYSTEM SHALL BE SUPPLIED BY HYDRO INTERNATIONAL/REMAC DUBLIN LIMITED OR SIMILAR APPROVED. THE SYSTEM SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
15. HYDROBRAKE FLOW CONTROL SYSTEM SHALL BE SUPPLIED BY HYDRO INTERNATIONAL/REMAC DUBLIN LIMITED OR SIMILAR APPROVED. THE SYSTEM SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
16. TIDEFLEX VALVES BY REDVALVE USA SHALL BE SUPPLIED BY MYTEC LIMITED OR SIMILAR APPROVED. THE VALVES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
17. GRADE 316 STAINLESS STEEL SAFETY CHAINS SHALL BE PROVIDED AT THE MOUTH OF ALL OUTLET PIPES LARGER THAN 450ø. CHAINS SHALL BE FIXED TO BOLT ON EYELETS BY MEANS OF LOCKABLE SHACKLES.
18. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION.

TABLE NO. 1	
DX	DY
mm	mm
100	100
150	150
225	225
300	225
375	225
450	300
525	300
600	375

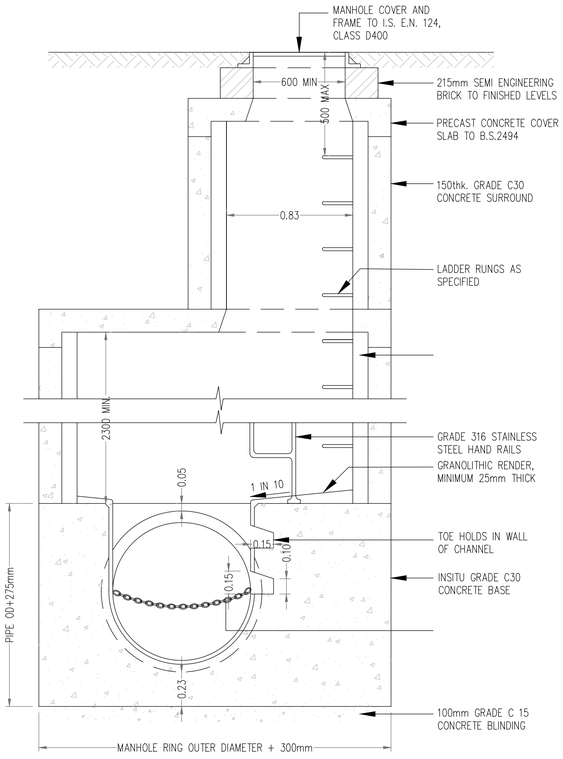
TABLE NO. 2	
ø OF LARGEST PIPE IN MH (mm)	INTERNAL ø OF MH (mm)
LESS THEN 375	1050
375	1200
450	1200
525	1500
600	1500
750	1800
900	1800
1050	2100
1200	2100



SECTIONAL PLAN
(MANHOLE WITH BRANCH CONNECTION)
SCALE 1:25



MANHOLE TYPE 1
MAX. DEPTH G.L. TO I.L. 3.0m
SCALE 1:25



MANHOLE TYPE 2
MAX. DEPTH G.L. TO I.L. 6.0m
SCALE 1:25

PLANNING DRAWING
NOT FOR CONSTRUCTION.
ALL LEVELS GIVEN ARE RELATIVE TO ORDNANCE DATUM.
THIS DRAWING HAS BEEN ISSUED FOR INFORMATION PURPOSES ONLY AND MUST NOT BE USED FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES.

NOTES
1. For setting out refer to Architect's drawings.
2. This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
3. DO NOT SCALE THIS DRAWING. Use figured dimensions only.
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REV	DESCRIPTION	DRN. BY	CHK. BY	DATE
P01	ISSUED FOR PLANNING	SC	LJ	26.03.2026
P02	ISSUED IN DRAFT FOR REVIEW	SC	LJ	26.06.2026
P03	ISSUED FOR INFORMATION	SC	LJ	03.07.2026
P04	ISSUED FOR INFORMATION	SC	LJ	24.07.2026
P05	ISSUED FOR FINAL PLANNING DRAFT	SC	LJ	14.08.2026
P06	ISSUED FOR PLANNING	SC	LJ	17.08.2026

PROJECT	RESIDENTIAL DEVELOPMENT AT SUMMERHILL RD,
CLIENT	SOLKERRY VENTURES LTD.
JOB No.	D144
DRAWING No.	D144-CSC-XX-XX-DR-C-0014
STATUS	STATUS S2 - Suitable for Information
TITLE	STORM WATER DRAINAGE DETAILS SHEET 1

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SC	LJ	P06
	SCALE	DATE
	NA	Mar. '26

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