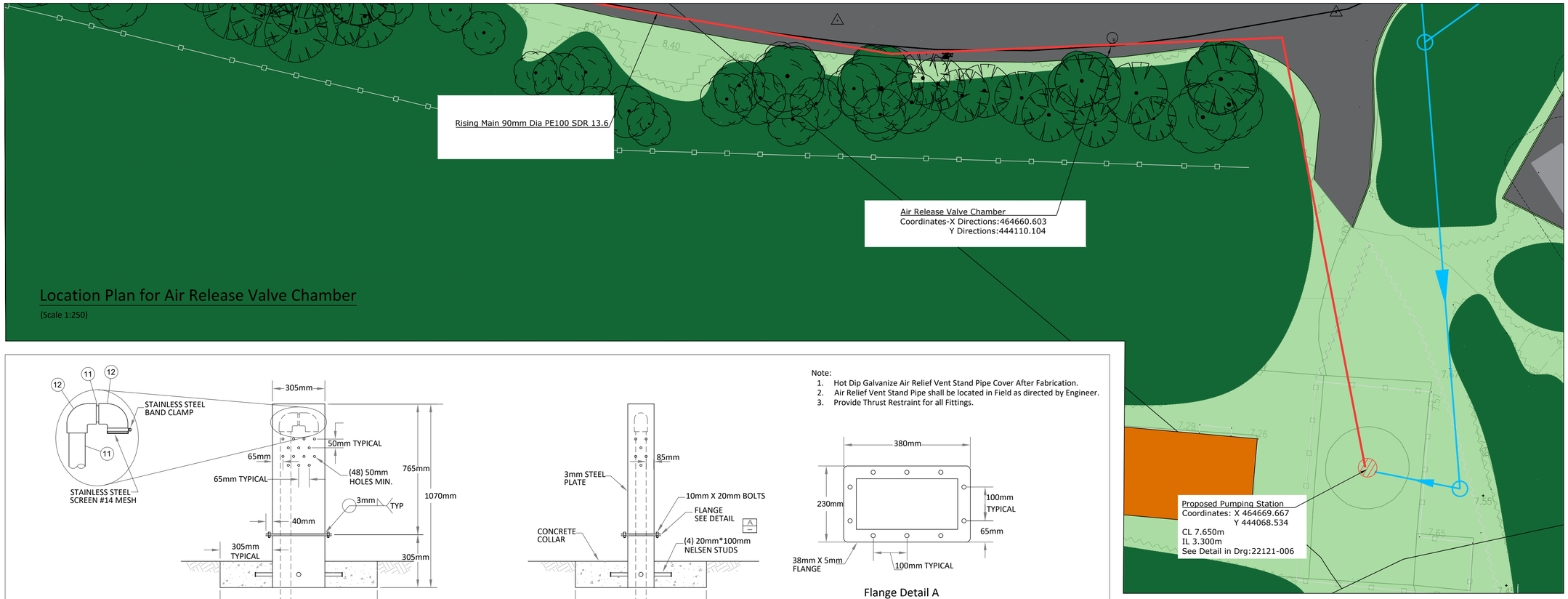


Location Plan for Air Release Valve Chamber

(Scale 1:250)

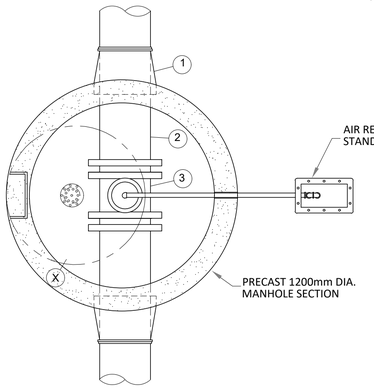
Note:
1. Hot Dip Galvanize Air Relief Vent Stand Pipe Cover After Fabrication.
2. Air Relief Vent Stand Pipe shall be located in Field as directed by Engineer.
3. Provide Thrust Restraint for all Fittings.

Flange Detail A

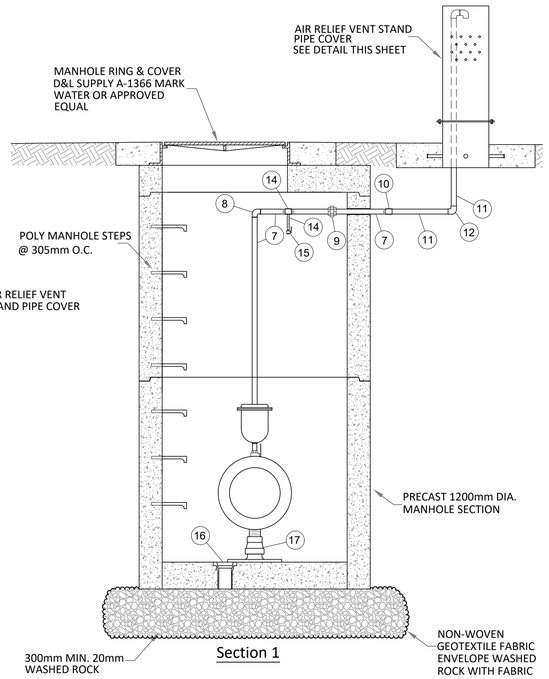
Air Relief Vent Stand Pipe Cover Detail

AIR RELIEF MH VALVE & FITTING SCHEDULE

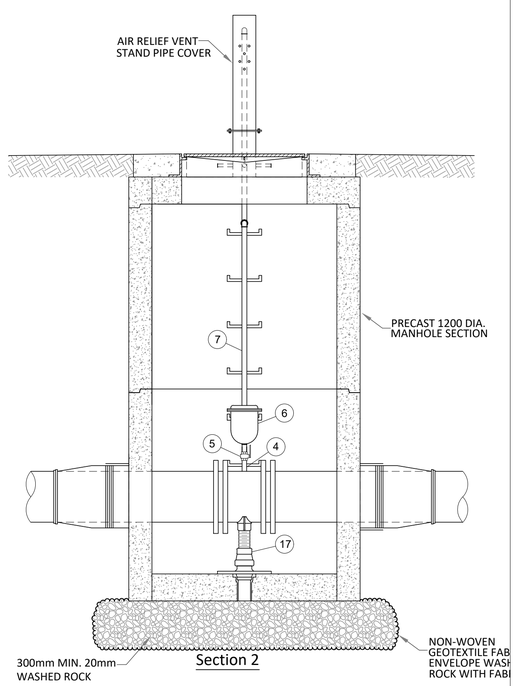
No	DESCRIPTION	SIZE(mm)	JOINT
1	KOR-N-SEAL MANHOLE BOOT	200	-
2	PIPE	200	-
3	LONG SLEEVE	200	MJ
4	BRASS NIPPLE WITH TAP & ANVELET	25	THD
5	Gate VALVE	25	THD
6	AIR RELEASE VALVE (APCO 145C)	25	THD
7	BRASS PIPE	25	THD
8	BRASS 90 degree BEND	25	THD
9	BRASS UNION	25	THD
10	BRASS COUPLING	25	THD
11	PVC PIPE SCH 40	25	THD
12	PVC 90 degree BEND SCH 40	25	THD
13	BRASS REDUCING TEE	25 X 12.5	THD
14	BRASS PIPE	12.5	THD
15	BRASS BALL VALVE	12.5	THD
16	FLOOR DRAIN	100 X 50	-
17	PIPE SUPPORT (GRINNELL 254 OR APROVE EQUAL)	SIZED FOR PIPE	



Air Relief/Vacuum Valve Detail



Section 1



Section 2

Air Release Assembly

Air Release Valve Chamber Detail

(Scale 1:50)

Key

EF-EDGING OF FOOTPATH

Tarmac Access Road

Existing Private Foul Water Manhole

Existing Private Foul Water Pipeline

Proposed Private Foul Water Manhole

Proposed Private Foul Water Pipeline

Proposed Pumping Station

NOTES

1. Do not scale this drawing.
2. All dimensions are in millimetres unless stated otherwise.
3. This drawing to be read in conjunction with all other relevant drawings and specifications.
4. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.

STANDARD DRAINAGE NOTES:

1. Except where specifically shown otherwise all below ground pipes / connections shall be 100mm dia PVC (to BS 4660) or VC (to BS 5481) with flexible joints and laid to minimum falls of 1 in 40, except where connected to WC when falls may be 1 in 80.
2. All gravity pipe runs to be tested to a standing head of 1500mm head of water above the invert at the head of the pipe run (but not exceeding 4000mm at the lower end)
3. For details of bed and surround requirements refer to long-sections and standard details. In all other situations provide 150mm of 10mm single-sized rounded gravel bedding and surround.
4. Except where specifically shown otherwise, pipes to be a minimum of 900mm below roads/driveways and 600mm below gardens/fields.
5. Ventilating pipes to be provided at the head of each drain and to any branch longer than 6m where a single appliance is connected, or 12m where a group of appliances is connected.
6. Step-irons shall not be fitted in any chambers unless specified otherwise.
7. Manhole/Gully covers shall be regulated to suit finished levels and crossfalls
8. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations
9. Drains passing beneath buildings to have minimum 100mm granular fill or flexible filling around pipe. Where the pipe crown is within 300mm of the underside of the slab, pipe shall be encased in concrete integral with the slab.
10. Drains passing through walls below ground level to have minimum 50mm clearance all round and opening in walls to be masked all round with rigid sheet material to prevent ingress of fill or vermin. Openings in walls for pipes shall have concrete lintels to support wall construction above
11. Unless stated otherwise, pipes to be 100mm Diameter.

CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015

THE CONTRACTORS ATTENTION IS DRAWN TO THE ABNORMAL RISKS IDENTIFIED BELOW, ANNOTATED ON THE DRAWING AND EXPLAINED IN THE ASSOCIATED DESIGN RISK REGISTERS

LEGEND

- YOU MUST NOT DO
- HAZARD OR DANGER
- YOU MUST DO
- CAUTION

ABNORMAL RISKS IDENTIFIED:

P04	Updated Site Layout Plan	EP	15-03-23
P03	Remove Emergency Storage Tank for Foul Water System	EP	23-01-23
P02	Amended Drainage Design	EP	03-01-23

Client
Regent parks

Project
Selby Park

Title
Air Release Valve Chamber Detail

Job No 22121

Drawing No 22121-009 Rev P04

Status Preliminary

Scale As Stated@A1 Date 25-10-2022

Project Engineer TBP

Drawn By EP
Checked By TBP
Approved By

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