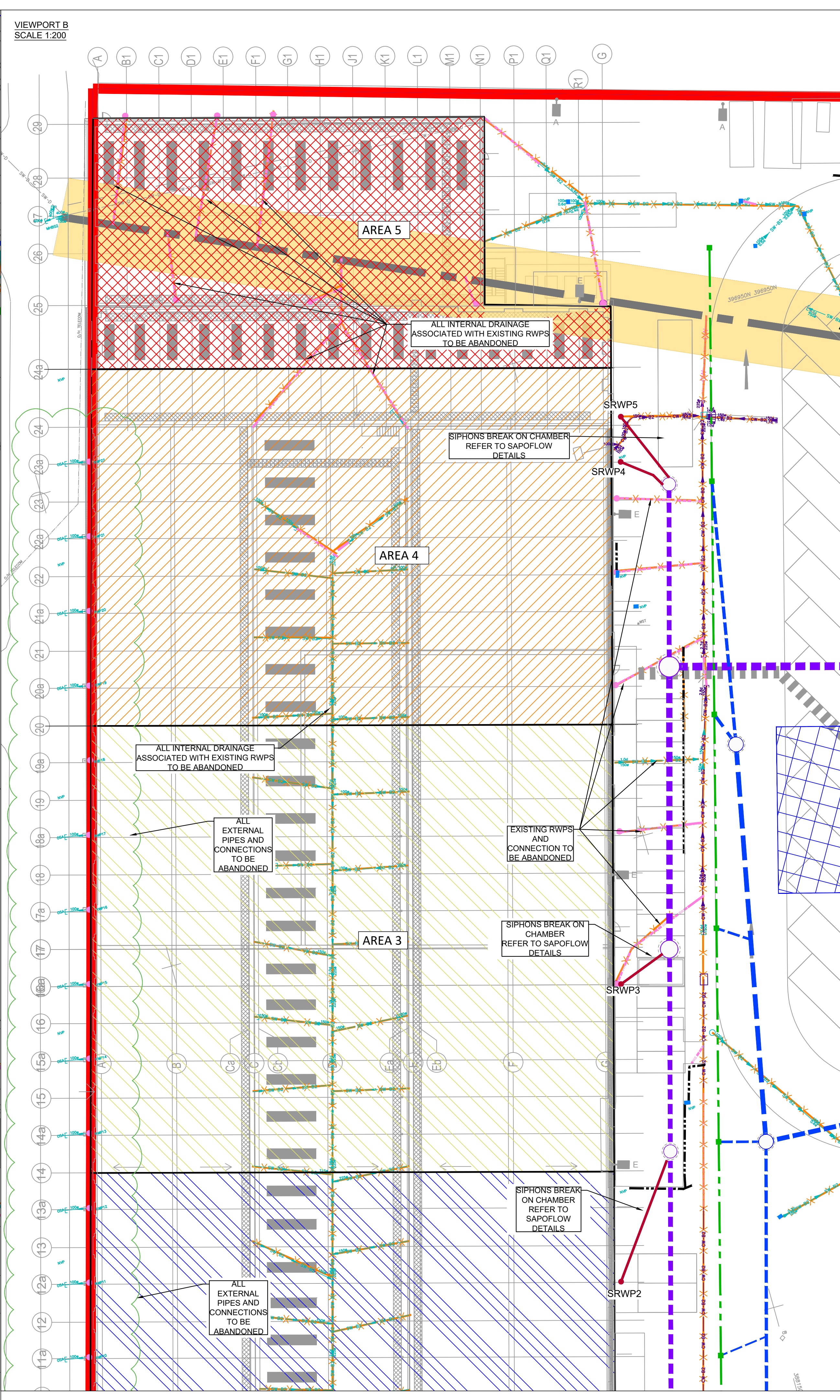
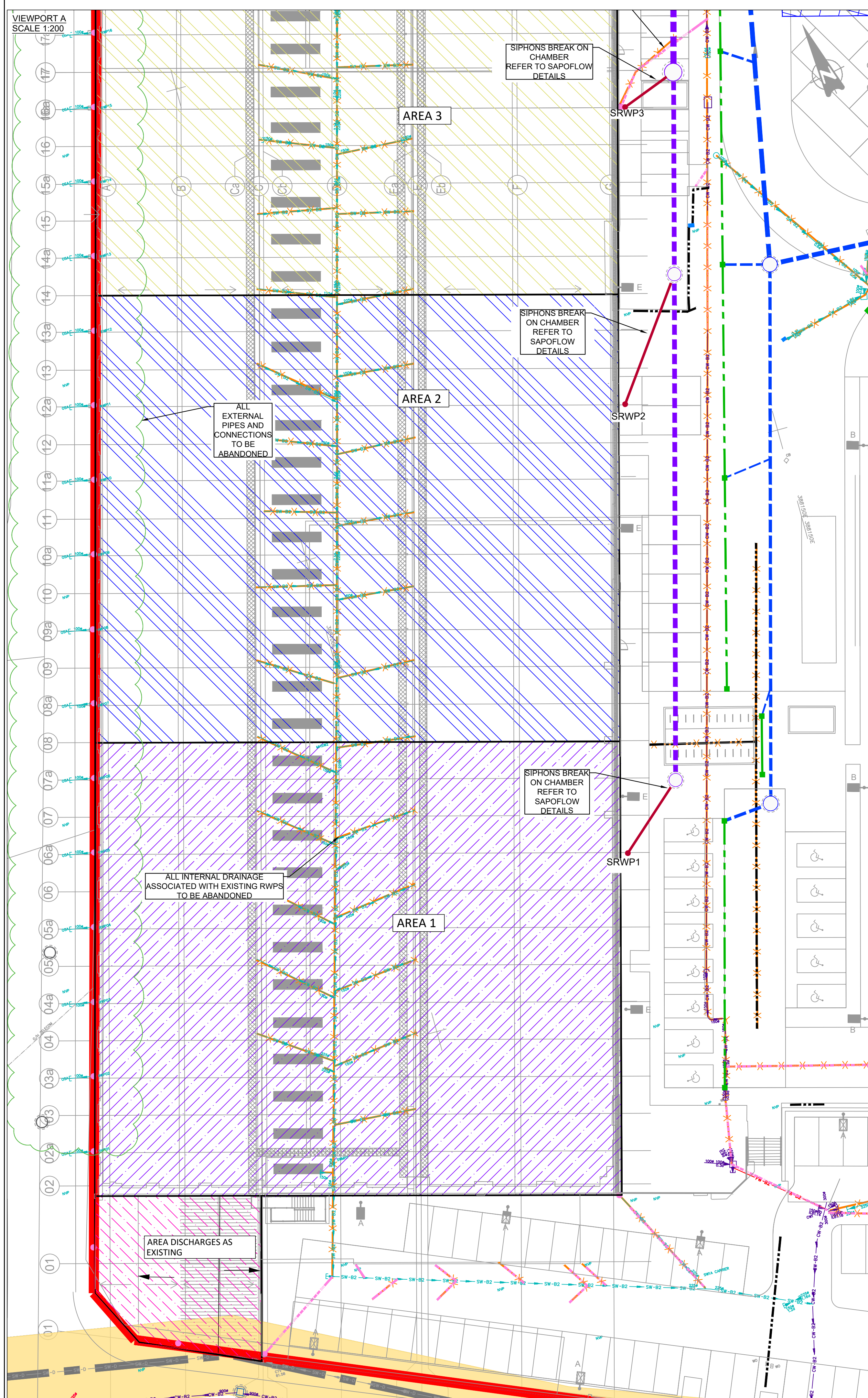




GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.

LEGEND

SITE BOUNDARY BASED ON
HRD-FRA-00-XX-DR-A-90-0200

EXISTING SERVICES BASED ON CCTV SURVEY AUG 2020

- SW-B2 SW-B2 EXISTING SURFACE WATER PIPE
- EXISTING COMBINED WATER PIPE
- EXISTING UNSURVEYED BUILDING DRAINAGE (ASSUMED ROUTE SHOWN)

UNITED UTILITIES RECORDS UUPS-ORD-76950 ALL UU ASSETS ARE SHOWN INDICATIVELY

- UU FOUL WATER SEWER
- UU SURFACE WATER SEWER
- UU COMBINED WATER SEWER
- WATERCOURSE
- 8M EASEMENT BASED ON SEWER FOR ADOPTION 6TH EDITION

PROPOSED DRAINAGE

- PROPOSED GRAVITY SURFACE WATER DRAIN
- PROPOSED SIPHON DRAINAGE BY SAPOFLOW
- GATIC CHANNEL
- SRWP SIPHON RAIN WATER PIPE

DRAWING BASED ON PROVIDED BY SAPOFLOW SIPHON ROOF STRATEGY ON 29.06.22

PROPOSED SIPHON MAX RATES

- SRWP1 151 L/S AREA1-0.247ha
- SRWP2 151 L/S AREA2-0.245ha
- SRWP3 151 L/S AREA3-0.244ha
- SRWP4 151 L/S AREA4-0.195ha
- SRWP5 66 L/S AREA5-0.112ha

- SIPHON BREAK ON EXTERNAL CHAMBER, SAPOFLOW IS RESPONSIBLE TO ROUTE SIPHON TO PROVIDED GRAVITY CUTINS CHAMBER
- 25MM CUT IN/CUT OF HEIGHT

ASSUMED FOR MICRODRAINAGE MODEL

- 900MM DEPTH TO SOFFIT OF SIPHON PIPE ON GF
- SIPHON INVERT AND SLOPES TOWARDS GRAVITY CHAMBER

SRWP1 63.43 225Ø1:100
SRWP2 63.21 225Ø1:100
SRWP3 63.45 225Ø1:100
SRWP4 63.29 225Ø1:100
SRWP5 63.28 225Ø1:100

SIPHON SPECIALIST SHOULD INFORM CURTINS ENGINEER IF ANY INFORMATION HAS BEEN CHANGED OR ANY ASSUMPTIONS ARE NOT CORRECT

Rev	Description	Date	By	Chkd
P06	UPDATED FOR NEW TENDER	02/02/24	ATL	MW
C01	ISSUED FOR CONSTRUCTION	23.09.22	ATL	MW
P05	DRAINAGE LAYOUT AMENDED	22.08.22	ATL	MW
P04	UPDATED ROOF STARTGEY	20.07.22	TH	MW
P03	DRAINAGE NOTE ADDED	25.04.22	ATL	MW
P02	UPDATED IN LINE WITH COMMENTS	07.04.22	ATL	MW
P01	FIRST ISSUE	22.03.22	ATL	MW

Rev: **Description:** **Date:** **By:** **Chkd:**

STAGE 5

HAMMERSTONE ROAD

MAIN BUILDING ROOF CATCHMENT PLAN

Project No: **Size:** **Date:** **Drawn By:** **Designed By:** **Checked By:**

068065 **A1** **22/03/22** **ATL** **ATL** **MW**

Scale: 1:250

Project Code: **Originator:** **Zone:** **Level:** **Type:** **Discipline:** **Category/Number:** **Rev:**

HRD - CUR - XX - 00 - DR - C - 92-507 -P06

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Status:

068000068065 - Hammerstone Road Depot/DMS 4 Production/4B Models & Drawings - C:\068065