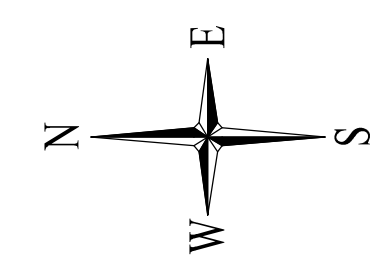
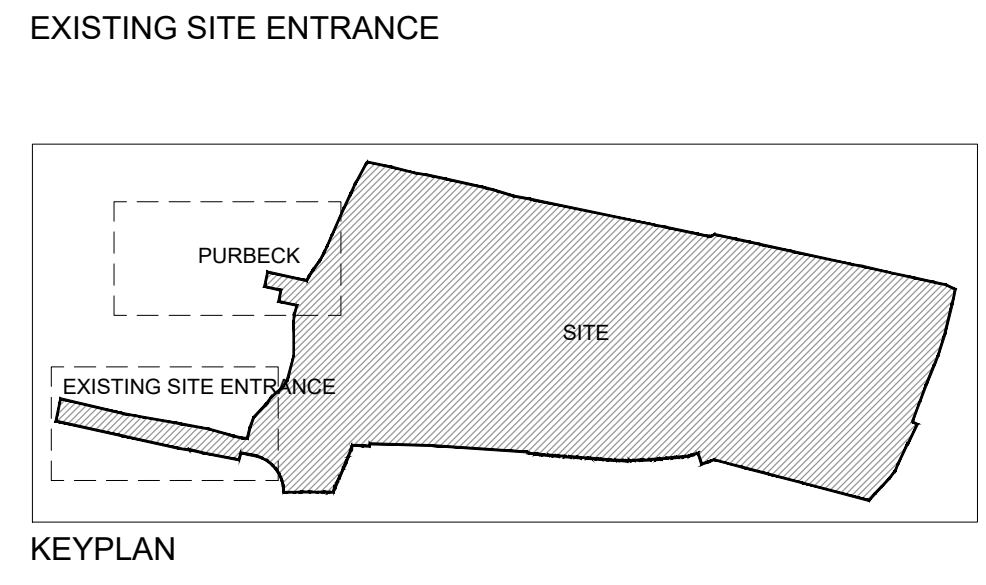
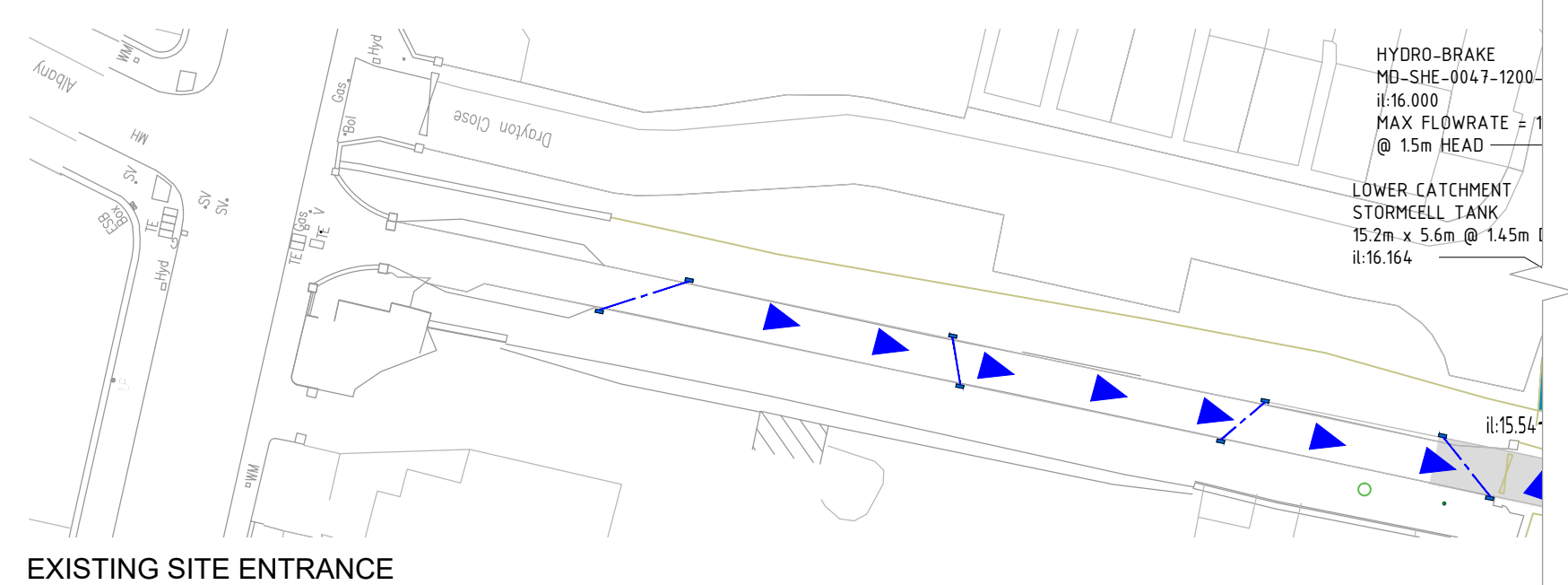


- GENERAL NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS OTHERWISE NOTED
  - ALL LEVELS ARE IN METERS AND RELATE TO THE ORDANCE SURVEY DATUM.
  - FOR LONGSECTION CHAINAGE & LEVELS, REFER TO DWG NO. W3683-DR-1025.
  - ROAD GULLIES WILL CONNECT INTO THE PROPOSED TREE PITS AND FILTER DRAINS AS SHOWN ON DWG W3683-DR-1018. FOR TREE PIT DETAILS SEE DWG W3683-DR-1030.
- LEGEND:**
- OUTLINE OF PROPOSED BUILDINGS
  - OUTLINE OF U/G EXCAVATION
  - ATTENUATION TANK
  - PAVING
  - ATS-NETLON OR SIMILAR APPROVED EMERGENCY ACCESS
  - TREE PITS AND CONNECTED DETENTION BASIN
  - PERMEABLE PAVING
  - SURFACE WATER FLOW DIRECTION
  - Indicates Extent of Application Site Area within Application = 35767.1 m<sup>2</sup>
  - Indicates Adjacent Site in Ownership of Applicant

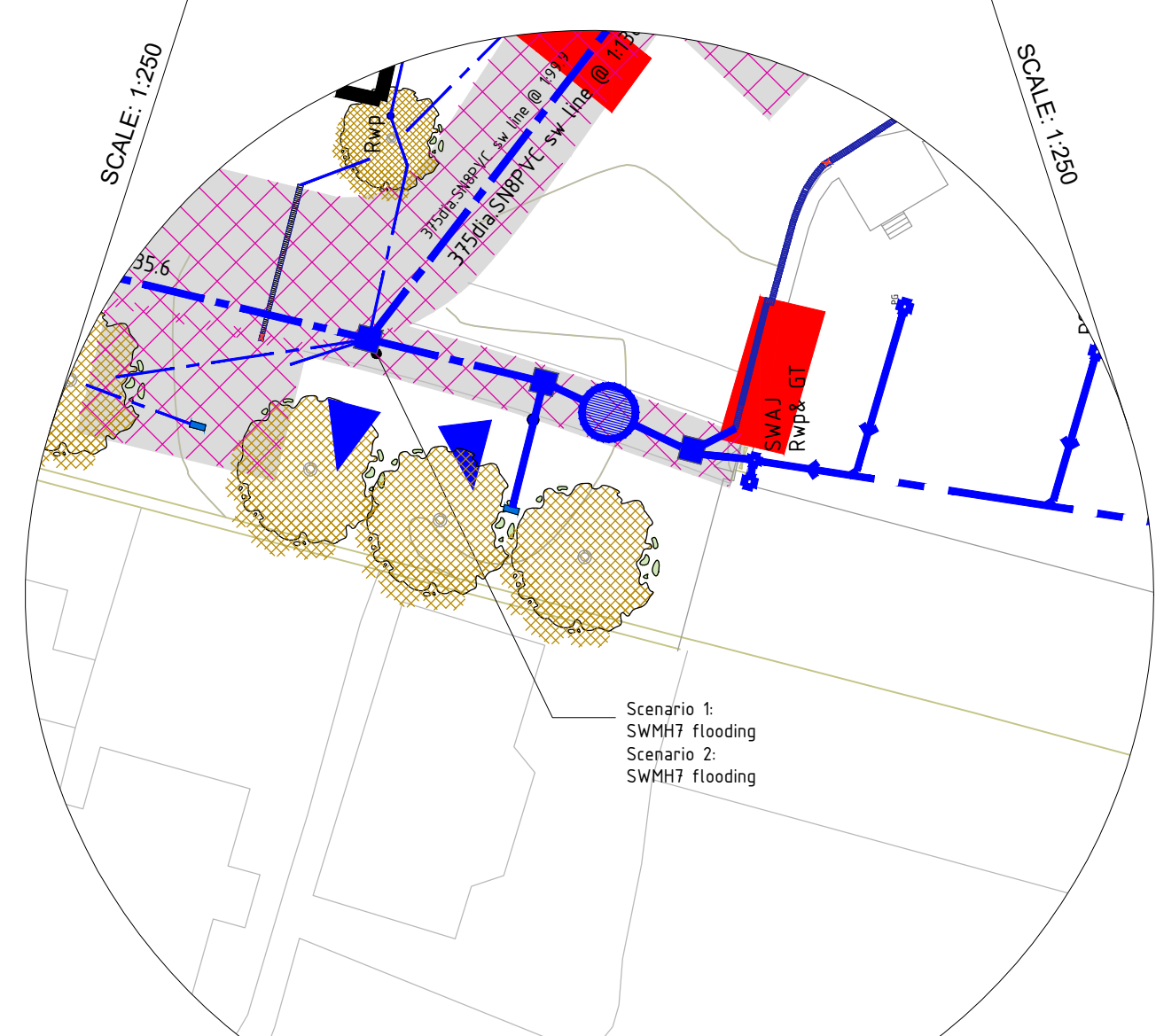


**PROPOSED UTILITIES PLAN**  
SCALE: 1:500



- PROPOSED UTILITIES LEGEND**
- EXISTING SURFACE WATER MANHOLE: Ex. SW MH
  - EXISTING SURFACE WATER PIPE: PIPE DESCRIPTION
  - NEW SURFACE WATER MANHOLE: SW MH
  - NEW SURFACE WATER PIPE: PIPE DESCRIPTION
  - SURFACE ACCESS JUNCTION: AJ
  - RAINWATER PIPE: RWP
  - ROAD GULLY: RG
  - HYDRO-BRAKE MANHOLE
  - ACO DRAIN
  - NEW PERMEABLE PAVING PIPE

- THE EFFECT OF BLOCKAGES OCCURRING AT CRITICAL POINTS IN THE SYSTEM WERE EXAMINED IN ORDER TO ENSURE THAT ANY FLOOD FLOWS WILL BE AWAY FROM BUILDINGS. THE LOCATIONS CHOSEN AND CONSEQUENTIAL FLOWS ARE LISTED BELOW.
- SCENARIO 1 - 30 YEAR STORM + 50% BLOCKAGE ON UPPER CATCHMENT TANK NO. 1 INLET: FLOODING AT SWMH S7 OPPOSITE BLOCK J AND THE COACH HOUSE WILL FLOW AWAY FROM THE BUILDINGS AND BE CAPTURED BY TREE PITS AND PERMEABLE PAVING.
- SCENARIO 2 - 30 YEAR STORM + 99% BLOCKAGE ON UPPER CATCHMENT TANK NO. 1 OUTLET: FLOODING AT SWMH S7 OPPOSITE BLOCK J AND THE COACH HOUSE WILL FLOW AWAY FROM THE BUILDINGS AND BE CAPTURED BY TREE PITS AND PERMEABLE PAVING.
- SCENARIO 3 - 30 YEAR STORM + 50% BLOCKAGE ON UPPER CATCHMENT TANK NO. 2 INLET: NO FLOODING
- SCENARIO 4 - 30 YEAR STORM + 99% BLOCKAGE ON UPPER CATCHMENT TANK NO. 2 OUTLET: NO FLOODING
- SCENARIO 5 - 30 YEAR STORM + 50% BLOCKAGE ON LOWER CATCHMENT TANK INLET: NO FLOODING
- SCENARIO 6 - 30 YEAR STORM + 99% BLOCKAGE ON LOWER CATCHMENT TANK OUTLET: NO FLOODING



Rev	Date	Description	By	Chk	App
03	04/07/23	ISSUE FOR INFORMATION	SG	AG	MG
02	02/06/23	ISSUE FOR INFORMATION	SG	AG	MG
01	27/04/23	ISSUE FOR INFORMATION	SG	AG	MG
00	29/03/22	ISSUE FOR INFORMATION	LT	RT	AG

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CLIENT  
GEDV MONKSTOWN OWNER LIMITED

PROJECT  
RESIDENTIAL DEVELOPMENT ON LANDS OF DALGUISE HOUSE

DRAWING TITLE  
FLOOD DIRECTION SITE PLAN

STATUS  
FOR INFORMATION

Date: 06/04/23 Scale: AS SHOWN Drawn: DA Chk: RT App: AG  
Project No: W3683 Drg. No: W3683-DR-1041 Rev: 03