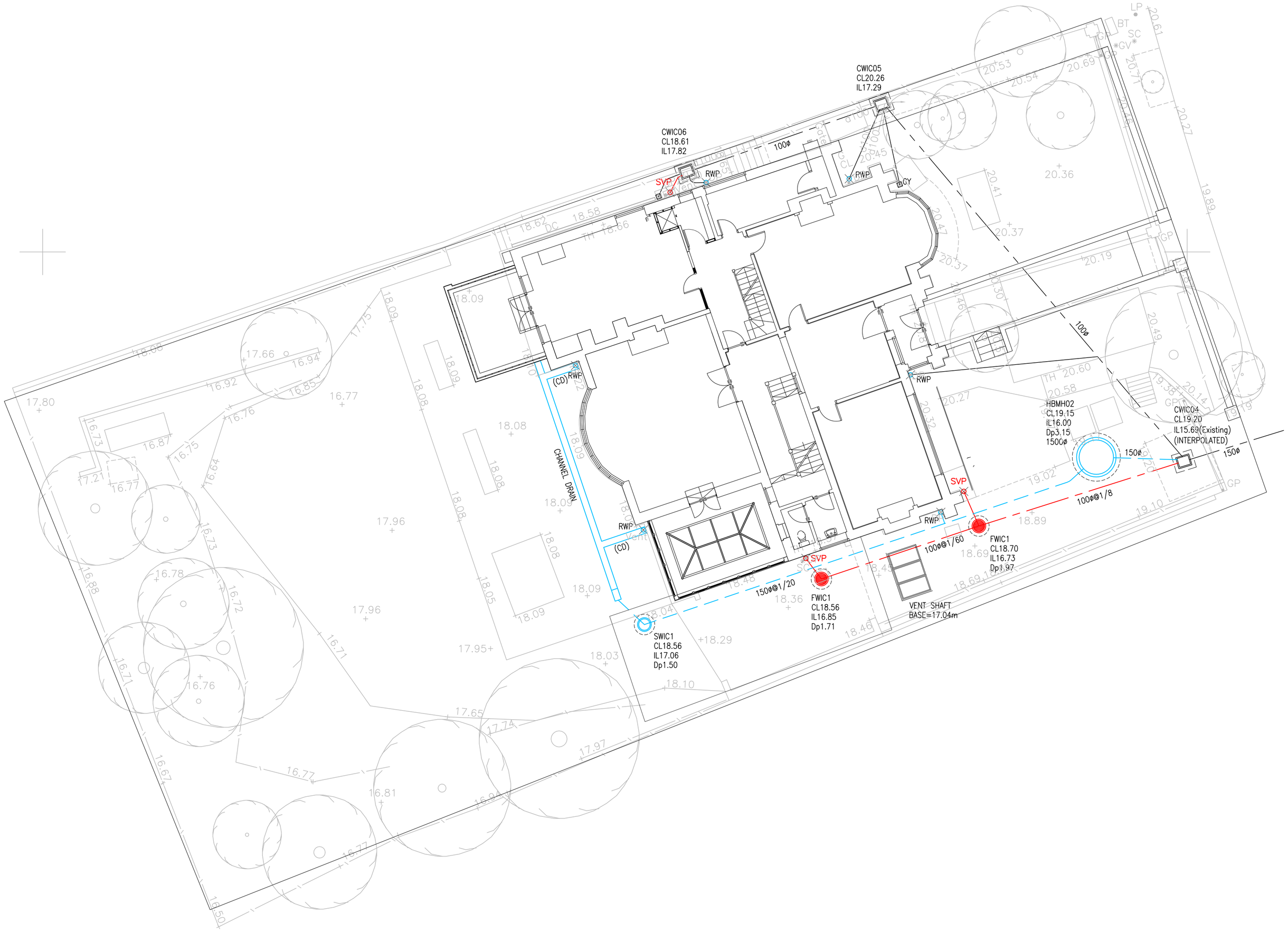

PROPOSED DRAINAGE LEGEND

PRIVATE SURFACE WATER DRAINAGE

- 150ø IC — PROPOSED STORM WATER INSPECTION CHAMBER
- 150ø HB — HYDROBRAKE FLOW CONTROL CHAMBER
- CHANNEL (CD) — ACO/SLOT/THRESHOLD DRAIN
- YG — TRAPPED YARD GULLY
- RWP — RAINWATER PIPE

PRIVATE FOUL WATER DRAINAGE

- 150ø IC — PROPOSED FOUL WATER INSPECTION CHAMBER
- FG — TRAPPED FLOOR GULLY
- SVP/SS — SOIL VENT PIPE/STUB STACK

EXISTING DRAINAGE LEGEND

PRIVATE COMBINED WATER DRAINAGE

- 150ø MH — EXISTING COMBINED WATER MANHOLE & SEWER
- 150ø IC — EXISTING COMBINED WATER INSPECTION CHAMBER

HYDROBRAKE DETAILS

(TO BE VERIFIED BY MANUFACTURER)
MODEL – MD-SHE-0038-1100-3000-1100
DESIGN HEAD – 3.000m
DESIGN FLOW – 1.10L/SEC

NOTES

1. DO NOT SCALE THIS DRAWING.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS AND SPECIFICATIONS.
3. LEVELS SHOWN ON THIS DRAWING ARE BASED ON THE TOPOGRAPHICAL SURVEY. INFORMATION PROVIDE FROM SITE INDICATES THAT THERE IS A DISCREPANCY OF 80.856m BETWEEN SITE LEVELS AND THE TOPOGRAPHICAL SURVEY DUE TO SITE USING ARBITRARY LEVEL VALUES.
4. SURFACE WATER MODEL DATA SHOWS THAT THE EXISTING SYSTEM DISCHARGES A PEAK FLOW OF 14.4L/SEC DURING A 1 IN 100 YEAR STORM.
5. THE PROPOSED SURFACE WATER FLOWS HAVE BEEN MODELED TO REDUCE THE PEAK FLOW FOR A 1 IN 100 YEAR STORM (+ 30% CLIMATE CHANGE ALLOWANCE) TO 50% OF THE EXISTING (7.2 L/SEC).
6. THE HYDROBRAKE CHAMBER IS SPECIFICALLY SIZED TO PROVIDE ADDITIONAL ATTENUATION VOLUME. EXCLUDING THIS, THE HYDROBRAKE CHAMBER IS TO BE CONSTRUCTED TO MANUFACTURER'S SPECIFICATION.

Mark	Date	By	Chkd.	Revision notes
P1	28.07.15	LG	JL	PRELIMINARY ISSUE

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.

RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

CONSTRUCTION

NO SIGNIFICANT RESIDUAL HAZARDS BEYOND THOSE KNOWN TO A COMPETENT CONTRACTOR.

DEMOLITION

NO SIGNIFICANT RESIDUAL HAZARDS BEYOND THOSE KNOWN TO A COMPETENT CONTRACTOR.

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

Job Title
69 REDINGTON RD

Drawing Title
PROPOSED DRAINAGE LAYOUT

Client
69 REDINGTON RD

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Scale at A1:	Status:	
1:100	PRELIMINARY	
Drawn: LG	Checked: JL	Approved: JL
Date: 27.07.15	Date: 27.07.15	Date: 27.07.15

Drawing No.: 102463_201
Revision: P1