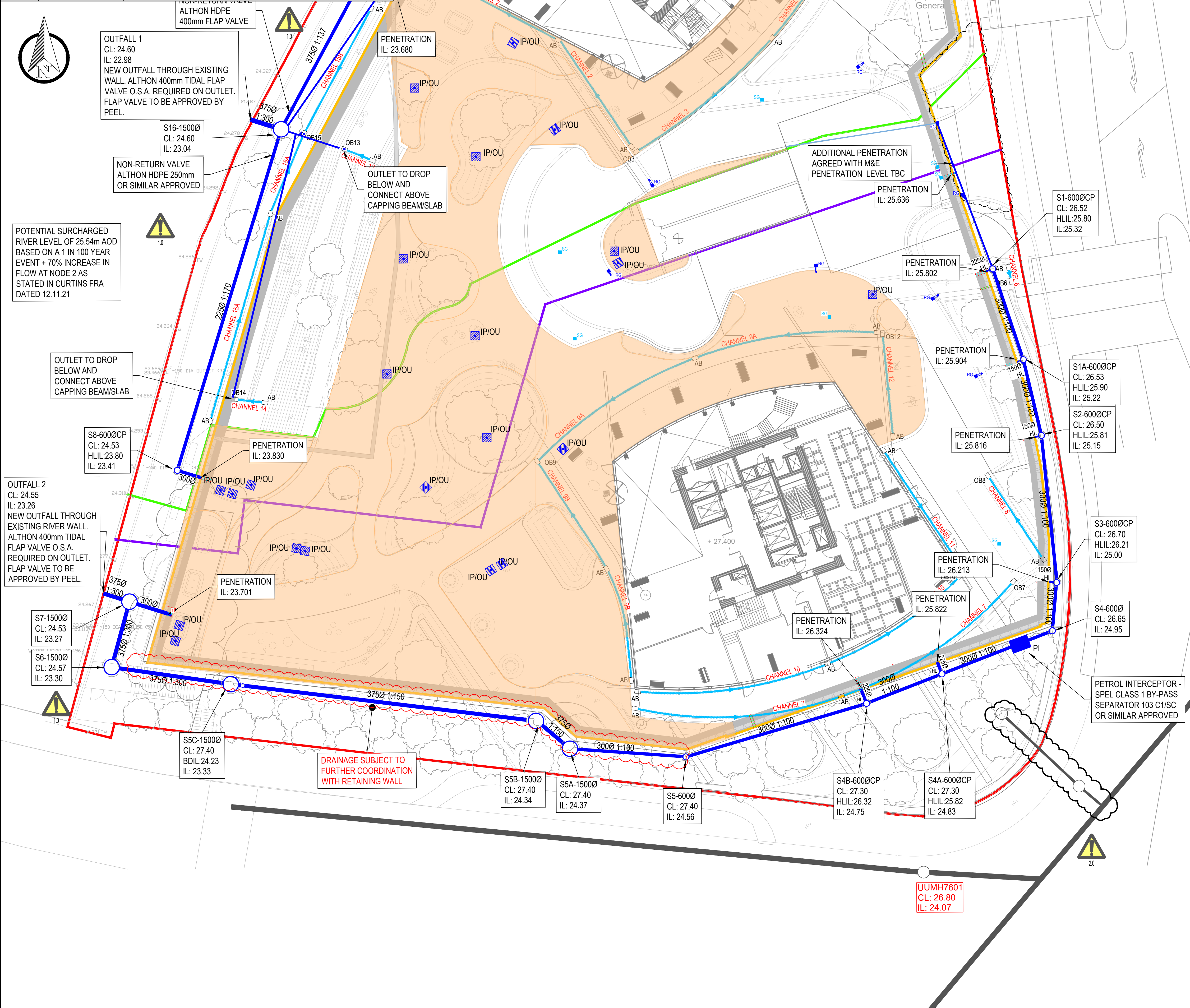


RESIDUAL HAZARD REGISTER		
HAZARDS THAT SHOULD BE OBVIOUS TO A COMPETENT CONTRACTOR HAVE NOT BEEN INDICATED ON THIS DRAWING. SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED, THE CONTRACTOR SHOULD NOTIFY ALL RELEVANT PROJECT TEAM MEMBERS.		
HAZARD REF No.	ITEM (FEATURE, ELEMENT OR ACTIVITY)	RESIDUAL HAZARD
1.0	WORKING CLOSE TO WATERWAYS	EXISTING RIVER WITHIN CLOSE PROXIMITY TO THE SITE
2.0	SERVICES	EXISTING SERVICES TO REMAIN ARE TO BE PROTECTED OR DIVERTED



KEY:

SITE BOUNDARY

PHASING LINE (TAKEN FROM 10364-ZD-SHP-Z460-PL-GRD-0003-P11)

BASEMENT DEMISE LINE (TAKEN FROM 10364-ZD-SHP-G100-PL-B1-0001-P12)

BASEMENT B1 EXTENTS (TAKEN FROM DRAWING 10364-ZD-SHP-G100-PL-B1-0001-P12)

EXISTING PRIVATE COMBINED DRAIN

EXISTING PUBLIC COMBINED DRAIN

INDICATES INITIAL PROPOSAL FOR PERMEABLE SUB-BASE LAYER FOR SURFACE WATER RUN-OFF COLLECTION. TBA

ACCESS BOX

OUTLET BOX

GULLY BOX SUMPLESS

GULLY LOCATED ON STRUCTURAL SLAB WITHIN SUBBASE

SLAB PENETRATION POINT FOR DRAINAGE TO BASEMENT

PROPOSED SURFACE WATER DRAINAGE

PROPOSED SURFACE WATER FILTER DRAIN

PROPOSED CHANNEL DRAIN. CURRENT PROPOSAL BASED ON ACO OR SIMILAR APPROVED.

SW DRAINAGE WITHIN BASEMENT - BASED ON M&E DRAWING Z3D-FUT-G581-PI-B1-001

FW DRAINAGE WITHIN BASEMENT - BASED ON M&E DRAWING Z3D-FUT-G581-PI-B1-001

INSPECTION POINT/ OUTLET FROM THE PERMEABLE PAVING. FOR DETAIL SEE CURTINS DRAWING ZD-CUR-G580-PL-GRD-92535

PROPOSED PETROL INTERCEPTOR

DRAWING BASED ON:

ARCHITECT'S LAYOUTS

- ZD-SHP-G100-PL-GRD-0001 RECEIVED 01.12.22

LANDSCAPE ARCHITECT'S LAYOUT

- ZD-TPM-G710-PL-XX-4029 101 RECEIVED 01.12.22

PROPOSED SERVICES

- AWAITING DETAILS

PROPOSED STRUCTURAL INFORMATION.

- ZD-WSP-G210-PL-XX-005 RECEIVED 20.10.22
- ZD-WSP-G222-PL-GRD-001 RECEIVED 03.08.22

TOPOGRAPHICAL SURVEY

- 20K269 BY SURVEY OPERATIONS RECEIVED 24.02.21

RIVER WALL SURVEY

- 220617SR BY SURVEY OPERATIONS RECEIVED 20.06.22

M&E

- Z3D-FUT-G581-PI-B1-001 RECEIVED 06.01.23
- Z3D-FUT-G581-PI-B1-002 RECEIVED 06.01.23

DESIGN PHILOSOPHY

SURFACE WATER DESIGN

FLows ARE TO BE RESTRICTED TO A MAXIMUM DISCHARGE RATE OF 2m/s INTO THE RIVER IRWELL.

SITE D:

THE DESIGN PROVIDES CAPACITY UP TO THE 100 YEAR 40% CLIMATE CHANGE EVENT. SW FLOW RATE: 2m/s (BASED ON PEEL PORTS REQUEST).

OUTFALL: 2 OUTFALLS TO THE RIVER IRWELL

POLLUTION TREATMENT: CAR PARK/HIGHWAY DRAINAGE IS DISCHARGED TO THE SURFACE WATER NETWORK VIA A PETROL INTERCEPTOR.

ALL INTERNAL CARPARK DRAINAGE IS TO BE PICKED UP IN FOUL GULLIES FOR WASHDOWN. ANY SPILLS TO BE CONTAINED AND DISPOSED OF APPROPRIATELY.

FOUL WATER DESIGN

FW PEAK FLOW RATE: 60/s BASED ON TOTAL DISCHARGE UNITS AT OUTFALL PIPE BASED ON M&E DRAWINGS Z3D-FUT-G581-PI-B1-001/Z3D-FUT-G581-PI-B1-002 DATED 06.01.23.

OUTFALL: CW SEWER WITHIN TRINITY WAY (TO BE AGREED WITH UU AND SUBJECT TO A SECTION 106 AGREEMENT).

FOR FOUL WATER DESIGN SEE CURTINS DRAWING ZD-CUR-G580-PL-GRD-92503

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.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- FOR GENERAL NOTES REFER TO DRAWING ZD-CUR-G580-PL-XX -92510.
- FURTHER CO-ORDINATION REQUIRED BETWEEN EXTERNAL SERVICES AND THE PROPOSED DRAINAGE.

P01	STAGE 4 ISSUE	20.01.23	CS	CG
Rev:	Description:	Date:	By:	Chkd:

STAGE 4

TRINITY ISLANDS

PROPOSED SURFACE WATER DRAINAGE LAYOUT SITE D SHEET 2 OF 2

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	20.12.22	CS	CG	CG
Scale:	1:250			
Project No:	Originator:	Volume:	Level:	Type:
				Role:
				Category / Number:
				Rev:

CD - CUR - G580 - PL - GRD - 92502 - P01

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