

ALL DRAINAGE INFORMATION ON THIS DRAWING IS SUBJECT TO
CHANGE AS THE SCHEME IS DEVELOPED AS THE FOLLOWING
INFORMATION IS EITHER YET TO BE FINALISED OR DETERMINED.

- CONDITION DISCHARGE
- DEVELOPMENT FINISHED LEVELS
- MEP FW DRAINAGE POSITIONS & FLOW RATES
- MEP RWP POSITIONS & DRAINED AREAS
- EXTERNAL BELOW GROUND UTILITIES

FOR DETAILS OF ALL EXISTING AS BUILT DRAINAGE TO ADJACENT
H3 HOTEL PLOT, REFER TO SPILLWAYS DRAWING
1513-SPW-Z0-00-DR-C-6000 REV C18

Existing Drainage	
	Surface Water Drain
	Surface Water Channel
	Foul Water Drain
	Existing drain to be abandoned
Proposed Drainage	
	Surface Water Drain
	Surface Water Manhole/ Inspection Chamber
	Surface Water Channel with sump unit & 150Ø connection
	Surface Water Threshold Drain with 110Ø connection
	ACO HB305 Kerb Drain
	Rainwater Pipe with 150Ø connection
	Foul Water Drain
	Foul Water Manhole/ Inspection Chamber
	Foul Water SVP/SS with 110Ø connection
	Foul Water Floor Gully with 110Ø connection

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1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS.
3. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
4. BEFORE STARTING ANY WORKS, CONTRACTOR TO CHECK INVERT LEVELS AND ELEVATIONS OF EXISTING DRAIN, SEWERS, INSPECTION CHAMBERS AND MANHOLES AGAINST INFORMATION SHOWN ON THIS DRAWING.
5. ROCKER PIPES ARE TO BE PROVIDED AT ALL CONCRETE CASED INTERFACES.
6. CLASS 2 CONCRETE SURROUND TO BE PROVIDED FOR PIPES WITH COVER LESS THAN 1.2m ABOVE THE CROWN OF THE PIPE FOR PIPES AND 0.6m FOR CONCRETE DRAIN PIPES AND 1m UNDER ALL FOUNDATIONS AND WHERE PIPES LAID WITH IN OF FOUNDATIONS.
7. CONNECTIONS TO EXISTING PUBLIC SEWERS IN ACCORDANCE WITH UNITED UTILITIES REQUIREMENTS, TO BE APPROVED / AGREED WITH THE WATER AUTHORITY.
8. PROPOSED COVER LEVELS TO BE APPROVED AND SHALL BE CHECKED BY THE CONTRACTOR ON SITE TO SUIT THE EXACT FINISHED LEVEL AND GRADE.
9. ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY AND IN CONJUNCTION WITH ALL RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND SEWERS FOR ADOPTION 7TH EDITION.
10. ACCESS COVERS AND FRAMES SHALL COMPLY WITH THE LOADINGS SPECIFIED TO BE IN TM4 AND KITEMARKED OR IF RECESSED COVERS ARE SPECIFIED THEN IN ACCORDANCE WITH FACTA ASSOCIATION EQUIPMENT. ALLOW FOR RECESS MANHOLE COVERS TO ACCEPT ALL EQUIPMENT FINISHED TO ALL NON-ASPHALT EXTERNAL AREAS.
11. THE PROPOSED BUILDING LOADINGS SHOWN ON THIS DRAWING ARE FOR INFORMATION ONLY. REFER TO ARCHITECTS PLANS FOR PRECISE LOCATION SETTING OUT INFORMATION AND DETAILS.
12. FOR SETTING OUT DIMENSIONS OF S/S, SVP'S, R/W'S, FLOOD GULLYS & OTHER DRAINAGE PIP/ UP LOCATIONS, REFER TO ARCHITECTS OR MECHANICAL & ELECTRICAL ENGINEERS DRAWINGS.
13. ALL DRAINAGE PIPEWORK SHOWN SHALL BE Laid SOFFIT TO SOFFIT UNLESS OTHERWISE STATED.
14. ALL UNDERSLAB DRAINAGE SHALL BE Laid AT GRADIENTS OF 1:80 MIN. FOR FLOW PIPEWORK AND 1:100 MIN. FOR SURFACE LONG RADIUS BENT COVERS. ALL UNDERSLAB DRAINAGE SHALL BE CLEAR OF FOUNDATIONS UNLESS SHOWN OTHERWISE. USE OF SHORT LENGTH UNLESS NOTED IS ACCEPTABLE PROVIDED THEY ARE KEPT TO A MINIMUM AND USED WHERE UNAVOIDABLE.
15. AT LEAST ONE SOIL PIPE AT THE HEAD OF EACH POOL RUN SHALL BE VENTED TO THE ATMOSPHERE. ALL RAINWATER PIPES SHALL HAVE ABOVE GROUND ROILING SCAPES.
16. ALL PRIVATE DRAINAGE PIPEWORK FOR FLOW AND SURFACE WATER SYSTEMS HAVE BEEN DESIGNED ON THE BASIS OF UPVC 105 IN BS 1401-1, UNLESS NOTED OTHERWISE.
17. CONCRETE ENCASEMENT OF THE PIPEWORK SHALL BE REQUIRED WHERE THE VERTICAL CLEARANCE BETWEEN TWO PIPES CROSSING IS LESS THAN 300MM.
18. WHERE NEW DRAINAGE IS SITUATED WITHIN 5 METRES OF NEW OR EXISTING TREES THE DRAINAGE SHALL BE ENCASED IN CONCRETE TO REDUCE THE RISK OF ROOT INGRESS.
19. ALL NEW DRAINAGE INSTALLATIONS TOGETHER WITH ANY EXISTING DRAINAGE TO BE MAINTAINED SHALL BE SETTLED AND COTED SURVEYED UPON COMPLETION. CONTRACTOR TO ENSURE THAT THE DRAINAGE SYSTEM IS FULLY FUNCTIONAL, FREE OF EXCESS DEBRIS/SILT AND ALL IDENTIFIED RISKS ARE RECTIFIED.

P06	31.07.25	NOTE 13 UPDATED	ARJ	MN
P05	08.07.25	POPUP/IRWP CO-ORDINATION	ARJ	MN
P04	16.08.25	DRAFT STAGE 4 ISSUE	ARJ	MN
P03	21.02.25	SITE WIDE CO-ORDINATION	ARJ	MN
P02	18.11.24	ARCHITECTS LAYOUTS UPDATED	ARJ	MN
P01	27.09.24	PLANNING ISSUE	ARJ	MN
REV.	DATE	DETAILS	DRN.	CHK

STAGE 4



DRAWN ARJ	DATE SEP 24	SCALES 1:200
CHECKED MN	DATE SEP 24	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE --DO NOT SCALE--
APPRVD. MN	DATE SEP 24	EMAIL FOR DRAWINGS info@croconsulting.com

PROJECT TITLE
PLOT H5 PREMIER INN
AIRPORT CITY

DRAWING TITLE

FOUL & SURFACE DRAINAGE
GENERAL ARRANGEMENT

DRAWING No.	REV.
H5PI/ROC/PI/XX/DR/C/0500	P06

