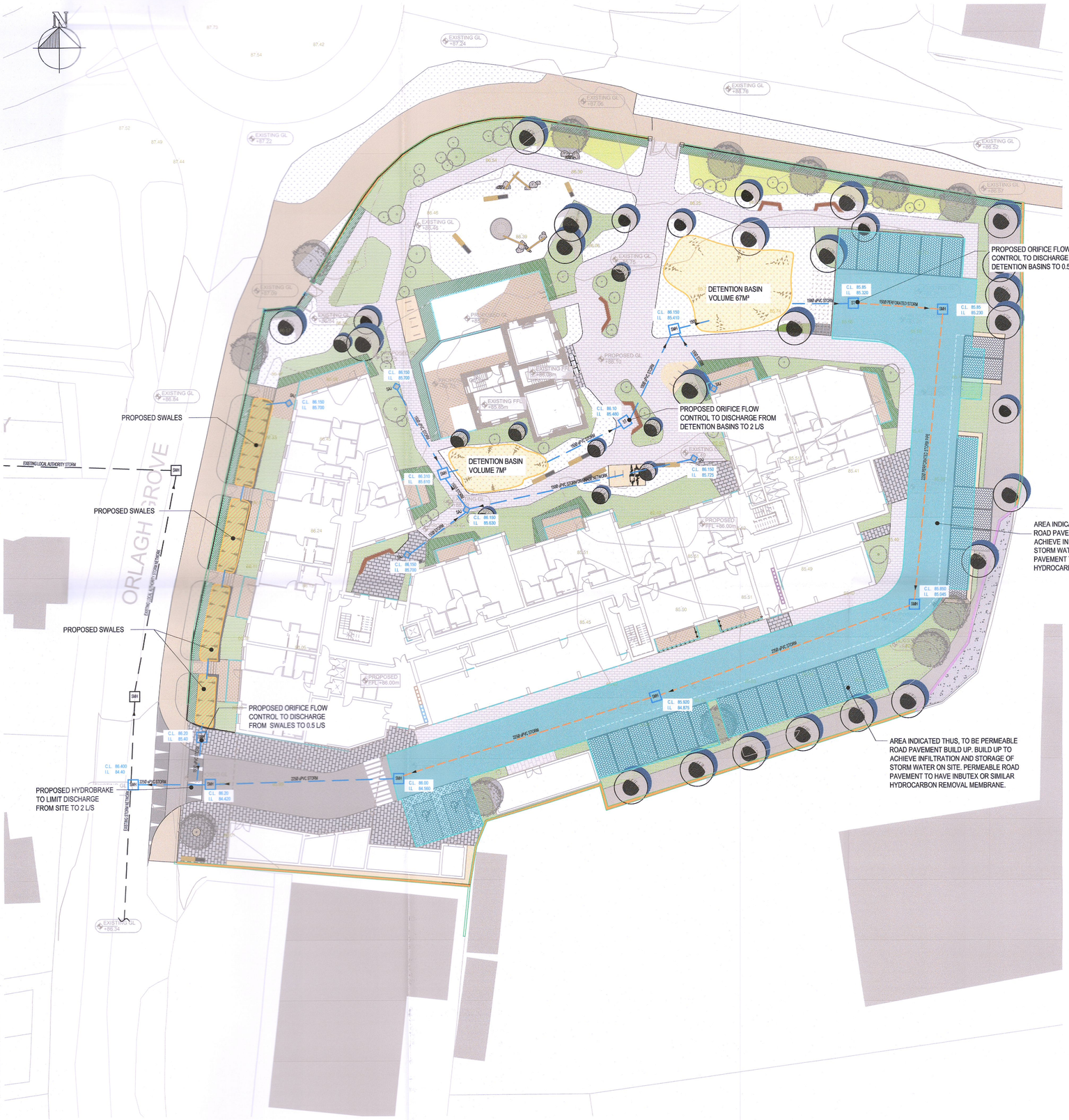
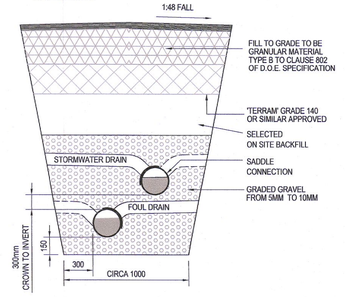


PROPOSED STORM DRAINAGE LAYOUT PLAN
SCALE 1:250

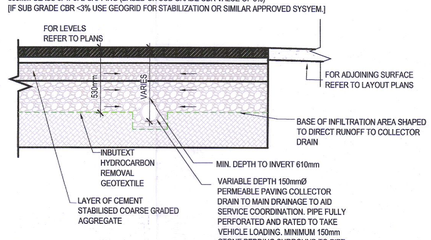
PIPE COVER CHART: WITHOUT CONCRETE ENCASEMENT	
LOCATION:	MIN.COVER.
SEWERS IN ROAD	1200
SEWERS IN OPEN SPACES	-
NOT ADJACENT TO ROADS	900
SEWERS IN GARDENS	600
WATERMAINS ALL LOCATIONS	900
WATER SERVICES ALL LOCATONS	600
ELEC/ESB CABLE DUCTS IN ROADWAY	900
ELEC/ESB CABLE DUCTS IN FOOTPATHS	500
NATURAL GAS MAINS IN ROADWAYS	800
NATURAL GAS MAINS IN FOOTPATHS	600
TELECOM DUCTS IN ROADWAYS	750
TELECOM DUCTS IN FOOTPATHS	350
CABLE TV DUCTS IN ROADS & FOOTPATHS	450

80MM SINGLE COARSE WEARING (TO BE CONFIRMED)
COURSE MACADAM TO TABLE 9/3 OF THE D.O.E. SPECIFICATION ON 300MM(MIN) REGULATING SUB-BASE GRANULAR MATERIAL TYPE B TO TABLE 8/3 OF THE D.O.E. SPECIFICATION AND COMPACTED TO SPECIFICATION



DETAIL OF FOUL + STORM DRAINS IN COMMON TRENCH
SCALE : 1:25

80mm PERMEABLE PAVING BLOCK to ARCHITECTS SPECIFICATION & APPROVAL & LAYING PATTERN ON
50mm LAYING COURSE MATERIAL AS PER TABLE A.2 BS 7533-13 ON
150mm ROADBASE CEMENT STABILISED COARSE GRADED AGGREGATE AS CBGM B TO TII CL 822 ON
250mm GRANULAR 4/20mm COARSE GRADED PERMEABLE CRUSHED ROCK AS PER TABLE A.1 BS 7533-13 ON
INBUTEX HYDROCARBON MEMBRANE (OR SIMILAR APPROVED) PERMEABLE GEOTEXTILE ON
TERRAM T1500 GT (OR SIMILAR APPROVED) PERMEABLE GEOTEXTILE ON
300mm CLASS 6F1/ 6F2 CAPPING (BASED ON SUB GRADE CBR VALUE OF 3%)
[IF SUB GRADE CBR <3% USE GEOGRID FOR STABILIZATION OR SIMILAR APPROVED SYSYEM.]



TYPICAL INFILTRATION PERMEABLE PAVING SECTION
SCALE: NTS

1) COPYRIGHT AND OWNERSHIP OF THIS DRAWING IS VESTED IN HORGANLYNCH, WHOSE PRIOR WRITTEN CONSENT IS REQUIRED FOR ITS USE, REPRODUCTION OR FOR PUBLICATION.
2) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, SERVICES ENGINEERS AND HORGANLYNCH DRAWINGS, DETAILS AND SPECIFICATIONS.
3) ALL DIMENSIONS TO BE CHECKED ON SITE AND ANY DISCREPANCY TO BE REPORTED TO THE ARCHITECT / ENGINEER. FIGURED DIMENSIONS ONLY TO BE USED, DRAWINGS NOT TO BE SCALED. ALL LEVELS ARE STRUCTURAL UNLESS OTHERWISE NOTED.
4) THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL HL DRAWINGS AND SPECIFICATIONS

DRAINAGE NOTES :

AT TIME OF COMPLETION THE DEVELOPER SHOULD ENSURE THAT ALL DRAINS WITHIN THE SITE ARE CLEAN AND FREE OF OBSTRUCTIONS.
A CONDITION SURVEY SHOULD ALSO BE CARRIED OUT VIA CCTV FOOTAGE AND PRESENTED TO THE LOCAL AUTHORITY PRIOR TO SITE HANDOVER.

PIPEWORK PROTECTION - CONCRETE SURROUND PROTECTION OF FOUL NETWORK TO BE C16/20 CONCRETE (REFER TO SECTION 4.7 OF IW-CDS-5030 FOR FURTHER DETAILS AND SPECIFICATIONS).

WATER TEST:
FOUL & STORM SEWERS SHOULD BE TESTED FOR A MIN OF 30 MINUTES, UNDER A HEAD OF NOT LESS THAN 1M OR GREATER THAN 2.5M OVER THE HIGEST POINT ON THE LINE UNDER TEST; THE PIPELINE SHOULD 'STAND' FOR A PERIOD 2 HOURS AFTER FILLING AND TOPPED UP AS NECESSARY BEFORE COMMENCING THE TEST.
THE MAXIMUM AMOUNT OF WATER LOSS SHOULD BE IN ACCORDANCE WITH LOCAL AUTHORITY GUIDLINES

AN AIR TEST MAY BE CARRIED OUT IN LIEU OF THE ABOVE AND IN ACCORDANCE WITH LOCAL AUTHORITY GUIDLINES

AT TIME OF COMPLETION THE DEVELOPER SHOULD ENSURE THAT ALL DRAINS WITHIN THE SITE ARE CLEAN AND FREE OF OBSTRUCTIONS

LOCATION OF ALL STORM DRAINAGE ON THIS PLAN IS INDICATIVE / REPRESENTATIVE ONLY.

A CONDITION SURVEY SHOULd ALSO BE CARRIED OUT VIA CCTV FOTTAGE AND PRESENTED TO THE LOCAL AUTHORITY PRIOR TO SITE HANDOVER

LEGEND :

- SAJ — PROPOSED STORM AJ
- SMH — PROPOSED STORM MANHOLE
- 1080 uPVC STORM SEWER — PROPOSED STORM SEWER
- 1000 PERFORATED STORM SEWER — PROPOSED STORM PERFORATED PIPE
- EXISTING STORM SEWER — EXISTING STORM SEWER
- DETENTION BASIN / SWALE SUDS MEASURES
- PROPOSED PERMEABLE PAVEMENT C/W INFILTRATION / ATTENUATION

REV	BY	CKD.	DATE	DESCRIPTION
0	KL	NF	19.10.22	ISSUED FOR PLANNING

L:\CL\CL12\01-WIP\CAD\CL12-V1-XXX-DR-HLCE-CE-0001.dwg 20/10/2022 12:21 - A1

PROJECT
RESIDENTIAL DEVELOPMENT AT SCHOLARSTOWN DUBLIN

DRG. TITLE
PROPOSED STORM DRAINAGE LAYOUT

SCALE	DRAWN BY	CHECKED BY	APPROVED BY
AS SHOWN (@ A1)	KL	KC	KC

Horganlynch
Consulting Engineers
Tellengana, Blackrock Road,Cork.
t: +353 21 4936100
e: cork@horganlynch.ie
www.horganlynch.ie

DWG:	CL12-V1-XXX-DR-HLCE-CE-0001	
HL PROJECT REF.	STATUS	REVISION
CL12	P3	0