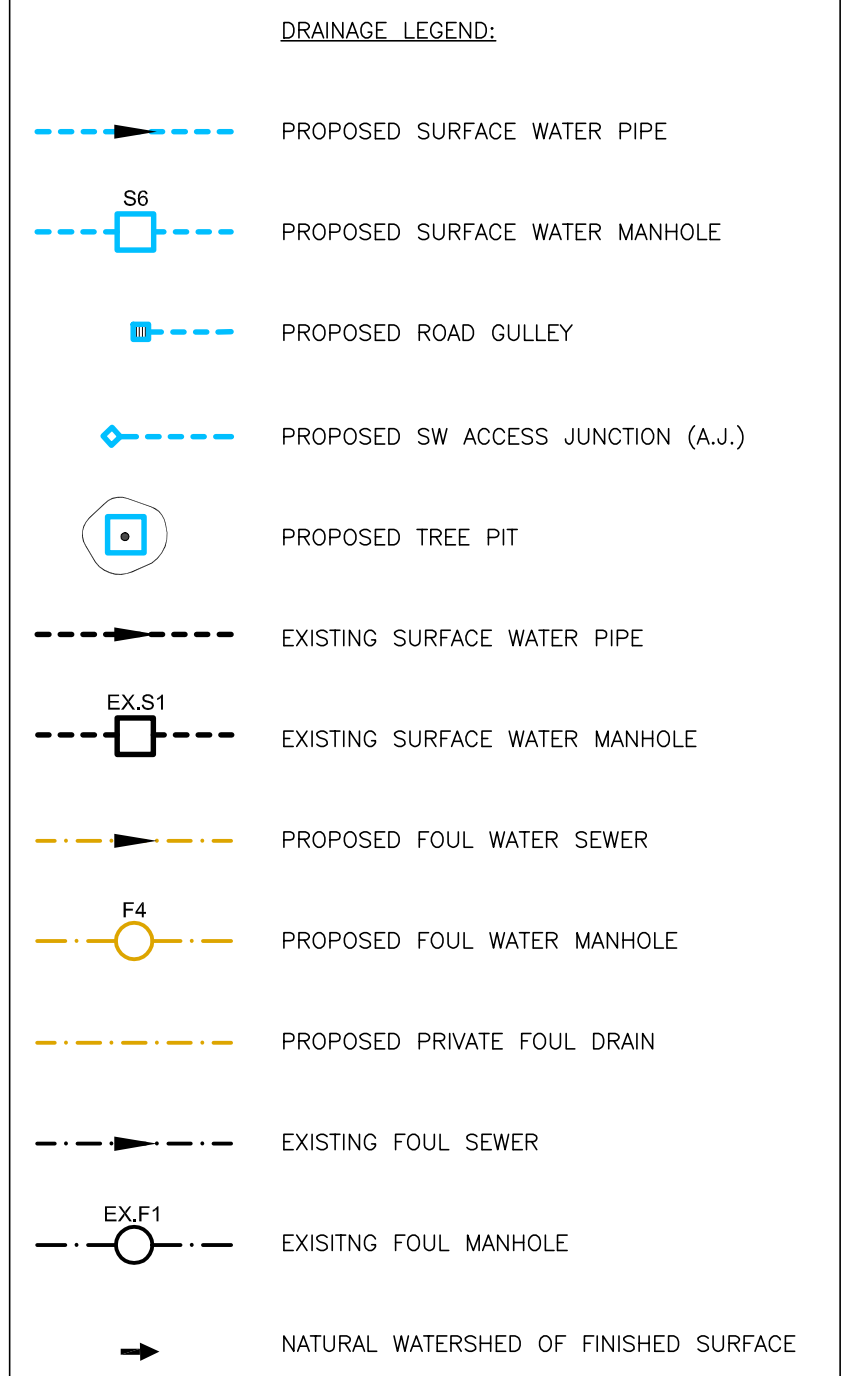


NOTES:
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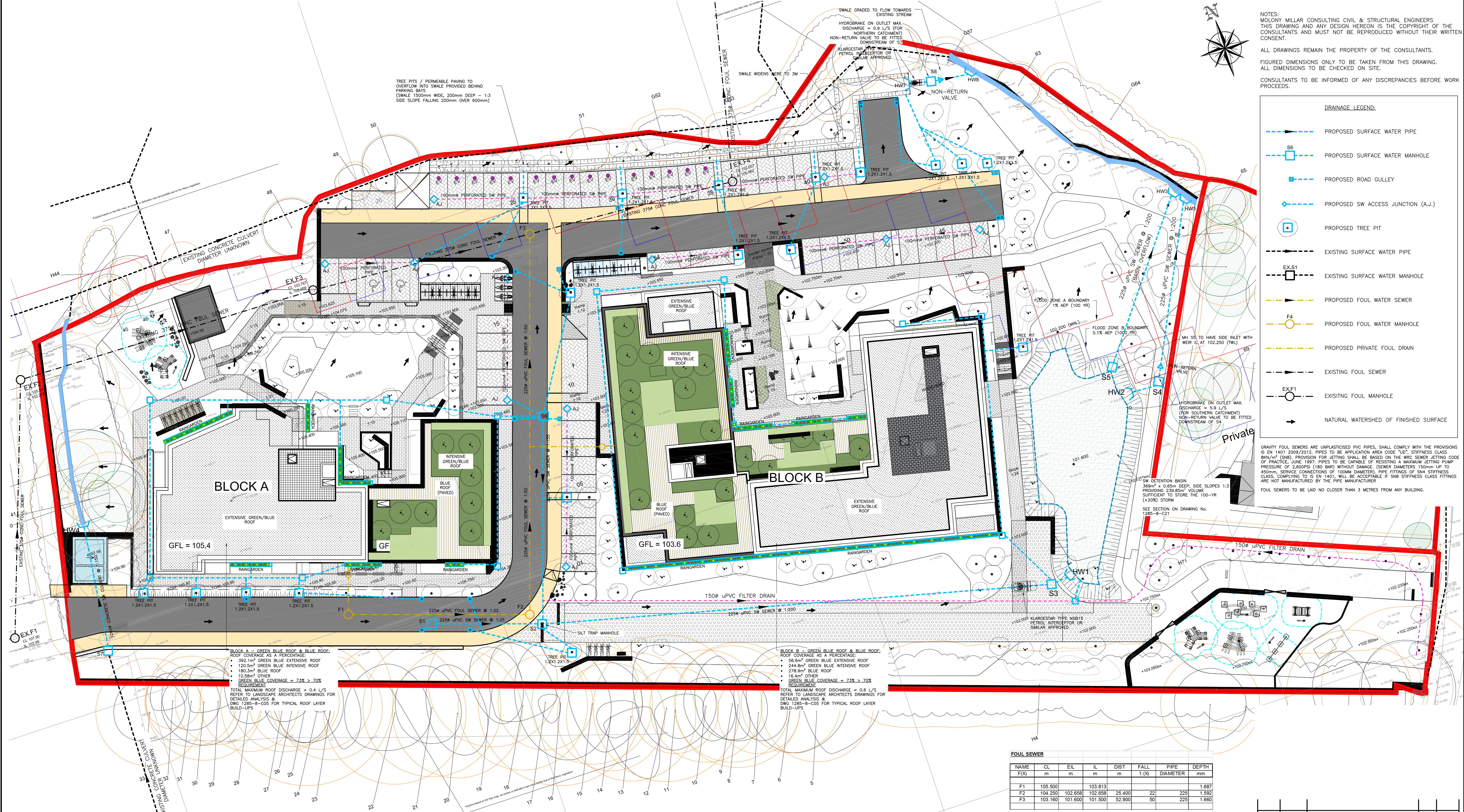
FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
ALL DIMENSIONS TO BE CHECKED ON SITE.

CONSULTANTS TO BE INFORMED OF ANY DISCREPANCIES BEFORE WORK
PROCEEDS.



GRAVITY FOUL SEWERS ARE UNPLASTICISED PVC PIPES, SHALL COMPLY WITH THE PROVISIONS
IS EN 1401 2009/2012. PIPES TO BE APPLICATION AREA CODE "D", STIFFNESS CLASS
BKN/m² (SN8). PROVISION FOR JETTING SHALL BE BASED ON THE WRC SEWER JETTING CODE
OF PRACTICE, JUNE 1997. PIPES TO BE CAPABLE OF RESISTING A MAXIMUM JETTING PUMP
PRESSURE OF 5.600PSI (180 BAR) WITHOUT DAMAGE. (SEWER DIAMETERS 150mm UP TO
450mm. SERVICE CONNECTIONS OF 100mm DIAMETER). PIPE FITTINGS OF SN4 STIFFNESS
CLASS, COMPLYING TO IS EN 1401, WILL BE ACCEPTABLE IF SN5 STIFFNESS CLASS FITTINGS
ARE NOT MANUFACTURED BY THE PIPE MANUFACTURER.

FOUL SEWERS TO BE LAID NO CLOSER THAN 3 METRES FROM ANY BUILDING.



BLOCK A - GREEN BLUE ROOF & BLUE ROOF:
ROOF COVERAGE AS A PERCENTAGE:
• 392.1m² GREEN BLUE EXTENSIVE ROOF
• 120.5m² GREEN BLUE INTENSIVE ROOF
• 180.3m² BLUE ROOF
• 10.58m² OTHER
GREEN BLUE COVERAGE = 73% > 70%
REQUIREMENT
TOTAL MAXIMUM ROOF DISCHARGE = 0.4 L/S
REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR
DETAILED ANALYSIS &
DWG 1285-8-C05 FOR TYPICAL ROOF LAYER
BUILD-UPS

BLOCK B - GREEN BLUE ROOF & BLUE ROOF:
ROOF COVERAGE AS A PERCENTAGE:
• 56.6m² GREEN BLUE EXTENSIVE ROOF
• 244.8m² GREEN BLUE INTENSIVE ROOF
• 278.9m² BLUE ROOF
• 16.4m² OTHER
GREEN BLUE COVERAGE = 73% > 70%
REQUIREMENT
TOTAL MAXIMUM ROOF DISCHARGE = 0.6 L/S
REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR
DETAILED ANALYSIS &
DWG 1285-8-C05 FOR TYPICAL ROOF LAYER
BUILD-UPS

FOUL SEWER							
NAME	CL	EIL	IL	DIST	FALL	PIPE	DEPTH
F(x)	m	m	m	m	1:(x)	DIAMETER	mm
F1	105.500		103.813				1.687
F2	104.250	102.658	102.658	25.400	22	225	1.592
F3	103.160	101.600	101.500	52.900	50	225	1.660

SW SEWER							
NAME	CL	EIL	IL	DIST	FALL	PIPE	DEPTH
S(x)	m	m	m	m	1:(x)	DIAMETER	mm
S1	104.900		103.400				1.500
S2	104.350	102.784	101.967	15.400	25	225	2.383
S3	103.000	101.612	101.612	71.000	200	225	1.388
HW1	103.000	101.600	101.600	2.400	200	225	1.400
HW2	102.200		101.600				0.600
S4	103.250	101.580	101.580	4.000	200	225	1.670
HW3	102.500	101.454	101.454	25.300	200	225	1.046
S5	102.700	102.250	101.300				1.400
HW5	102.500	101.173	101.173	25.400	200	225	1.327
S6	103.350		102.153				1.197
S2	104.350	101.967	101.967	28.800	155	225	2.383
S7	107.000	105.264	104.500				2.500
HW4	106.850	104.393	104.393	16.000	150	1200	2.457
HW7	102.300		101.443				0.857
S8	102.300	101.428	101.428	2.900	200	225	0.872
HW8	102.000	101.400	101.400	5.600	200	225	0.600

Rev	Date	Description	By	Chkd

Client
KAVCO

Project Title
RESIDENTIAL DEVELOPMENT AT
RIVERSIDE, KILGOBBIN ROAD,
STEPASIDE, CO. DUBLIN

Drawing Title
FOUL & SURFACE WATER DRAINAGE
LAYOUT PLAN

Architect
DOWNEY

Scale: 1:250 @ A1

Drawn: ALAN MONTHE

Cad File: S:\1200\1285-8

Date: SEPT 24

Chkd: RAY GOGGIN

Job Number: 1285-8

Drawing Status: PLANNING

By: [Signature]

Chkd: [Signature]

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