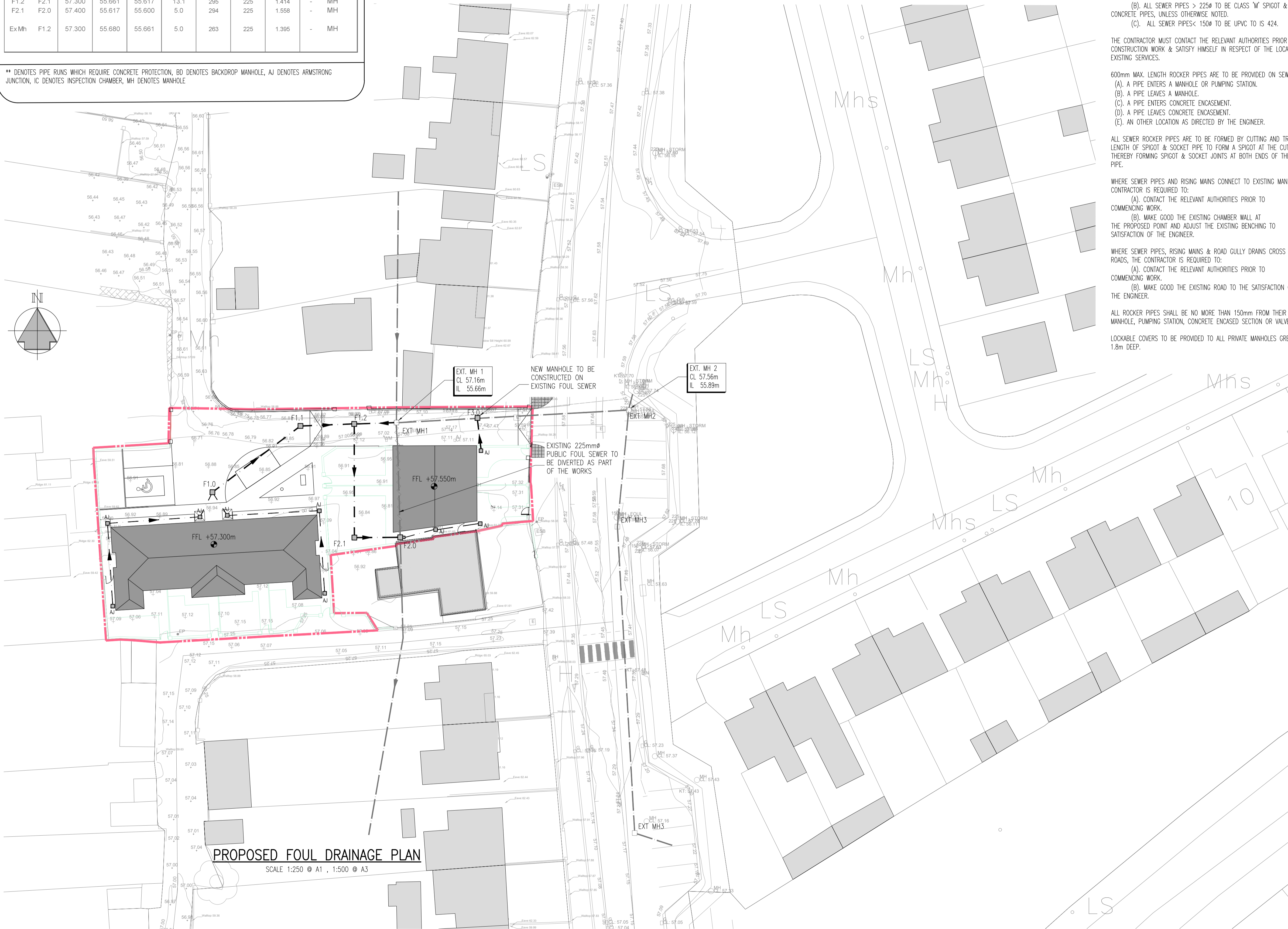


FOUL SEWER TABLE

Sewer Ref.	US/CL m	US/IL m	DS/IL m	Length m	Grad 1 in	Dia mm	Cover to US Soffit m	Notes
F1.0	F1.1	57.100	55.905	55.742	13.1	80	1.045	** MH
F1.1	F1.2	56.900	55.742	55.661	6.5	80	1.008	** MH
F1.2	F2.1	57.300	55.661	55.617	13.1	295	1.414	- MH
F2.1	F2.0	57.400	55.617	55.600	5.0	294	1.558	- MH
Ex Mh	F1.2	57.300	55.680	55.661	5.0	263	1.395	- MH

** DENOTES PIPE RUNS WHICH REQUIRE CONCRETE PROTECTION, BD DENOTES BACKDROP MANHOLE, AJ DENOTES ARMSTRONG JUNCTION, IC DENOTES INSPECTION CHAMBER, MH DENOTES MANHOLE



PROPOSED FOUL DRAINAGE PLAN

SCALE 1:250 @ A1, 1:500 @ A3

FOUL WATER SEWER:-

ALL PIPE RUNS BETWEEN FOUL ACCESS JUNCTIONS TO BE 110mm Ø UPVC AT 1 IN 40 GRADIENT WITH 100mm 15/20 CONCRETE SURROUND

ALL PIPE DIAMETERS ARE NOMINAL.

PRIVATE DRAINAGE RUNS:

- (A). ALL SEWER PIPES 375Ø TO BE CLASS 'H' SPIGOT SOCKET CONCRETE PIPES TO I.S. 6 UNLESS OTHERWISE NOTED.
- (B). ALL SEWER PIPES > 225Ø TO BE CLASS 'M' SPIGOT & SOCKET CONCRETE PIPES, UNLESS OTHERWISE NOTED.
- (C). ALL SEWER PIPES < 150Ø TO BE UPVC TO IS 424.

THE CONTRACTOR MUST CONTACT THE RELEVANT AUTHORITIES PRIOR TO CONSTRUCTION WORK & SATISFY HIMSELF IN RESPECT OF THE LOCATION OF ALL EXISTING SERVICES.

600mm MAX. LENGTH ROCKER PIPES ARE TO BE PROVIDED ON SEWERS WHERE:

- (A). A PIPE ENTERS A MANHOLE OR PUMPING STATION.
- (B). A PIPE LEAVES A MANHOLE.
- (C). A PIPE ENTERS CONCRETE ENCASUREMENT.
- (D). A PIPE LEAVES CONCRETE ENCASUREMENT.
- (E). AN OTHER LOCATION AS DIRECTED BY THE ENGINEER.

ALL SEWER ROCKER PIPES ARE TO BE FORMED BY CUTTING AND TRIMMING A LENGTH OF SPIGOT & SOCKET PIPE TO FORM A SPIGOT AT THE CUT END, THEREBY FORMING SPIGOT & SOCKET JOINTS AT BOTH ENDS OF THE ROCKER PIPE.

WHERE SEWER PIPES AND RISING MAINS CONNECT TO EXISTING MANHOLES, THE CONTRACTOR IS REQUIRED TO:

- (A). CONTACT THE RELEVANT AUTHORITIES PRIOR TO COMMENCING WORK.
- (B). MAKE GOOD THE EXISTING CHAMBER WALL AT THE PROPOSED POINT AND ADJUST THE EXISTING BENCHING TO THE SATISFACTION OF THE ENGINEER.

WHERE SEWER PIPES, RISING MAINS & ROAD GULLY DRAINS CROSS EXISTING ROADS, THE CONTRACTOR IS REQUIRED TO:

- (A). CONTACT THE RELEVANT AUTHORITIES PRIOR TO COMMENCING WORK.
- (B). MAKE GOOD THE EXISTING ROAD TO THE SATISFACTION OF THE ENGINEER.

ALL ROCKER PIPES SHALL BE NO MORE THAN 150mm FROM THEIR ASSOCIATED MANHOLE, PUMPING STATION, CONCRETE ENCASED SECTION OR VALVE CHAMBER.

LOCKABLE COVERS TO BE PROVIDED TO ALL PRIVATE MANHOLES GREATER THAN 1.8m DEEP.

GENERAL NOTES:-

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS & ENGINEERS DRAWINGS & SPECIFICATIONS.
2. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS & ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ALL DISCREPANCIES TO BE NOTIFIED, IN WRITING TO ENGINEERS & ARCHITECTS FOR RESOLUTION.
4. ALL DIMENSIONS ON DRAWINGS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
5. FOR DETAILS AND SETTING OUT OF RWP, SVP, WVP & ALL OPENINGS SEE THE RELEVANT ARCHITECTS DRAWINGS.
6. FOR RADON BARRIER, D.P.C. & INSULATION DETAILS REFER TO ARCHITECTS DRAWINGS

ABBREVIATIONS:-

BTM	BOTTOM
C/C	CENTRE TO CENTRE
CTRS	CENTRES
SFL	STRUCTURAL FLOOR LEVEL
FFL	FINISHED FLOOR LEVEL
TOC	TOP OF CONCRETE
TP	TOP
TOS	TOP OF STEEL
UNO	UNLESS NOTED OTHERWISE

DRAWING NOTES:-

- DENOTES SITE BOUNDARY
- DENOTES EXISTING BUILDING
- DENOTES PROPOSED BUILDING
- DENOTES EXISTING SITE LEVELS
- DENOTES FINISHED FLOOR LEVEL
- DENOTES PROPOSED GROUND LEVEL

FOUL LEGEND:-

- DENOTES EXISTING FOUL SEWER RUN & MANHOLE
- DENOTES PROPOSED FOUL SEWER & AJ/INSPECTION CHAMBER/MANHOLE
- DENOTES PROPOSED FOUL SEWER & BACKDROP MANHOLE
- DENOTES EXISTING FOUL SEWER RUN & MANHOLE TO BE GRUBBED UP
- DENOTES PROPOSED FOUL SEWER RUN & A.J.

ALL SETTING OUT DIMENSIONS TO BE CHECKED AGAINST ARCHITECTS DRAWINGS. ARCHITECTS DRAWINGS TO TAKE PRECEDENCE.

Issue Register

No.	Date	Revision	Drawn	Checked	Approved
PL1	07/02/19	ISSUED FOR PLANNING	MT	LMJ	MJP

PLANNING ISSUE

 Martin Peters Associates Consulting Engineers Omeavale Road Kilkenny T. +353 56 7702761 F. +353 56 7702728 E. info@mpa.ie	Client:	KILKENNY COUNTY COUNCIL
	Project:	PROPOSED DEVELOPMENT OF RESIDENTIAL UNITS AT GOLFLINKS ROAD
	Drawing Title:	PROPOSED FOUL DRAINAGE PLAN
	Project No:	181051
Drawing No:	181051-C-004	Scale: 1:250@A1
Drawn:	MT	Rev: PL1
Checked:	LMJ	Date: 07/01/19