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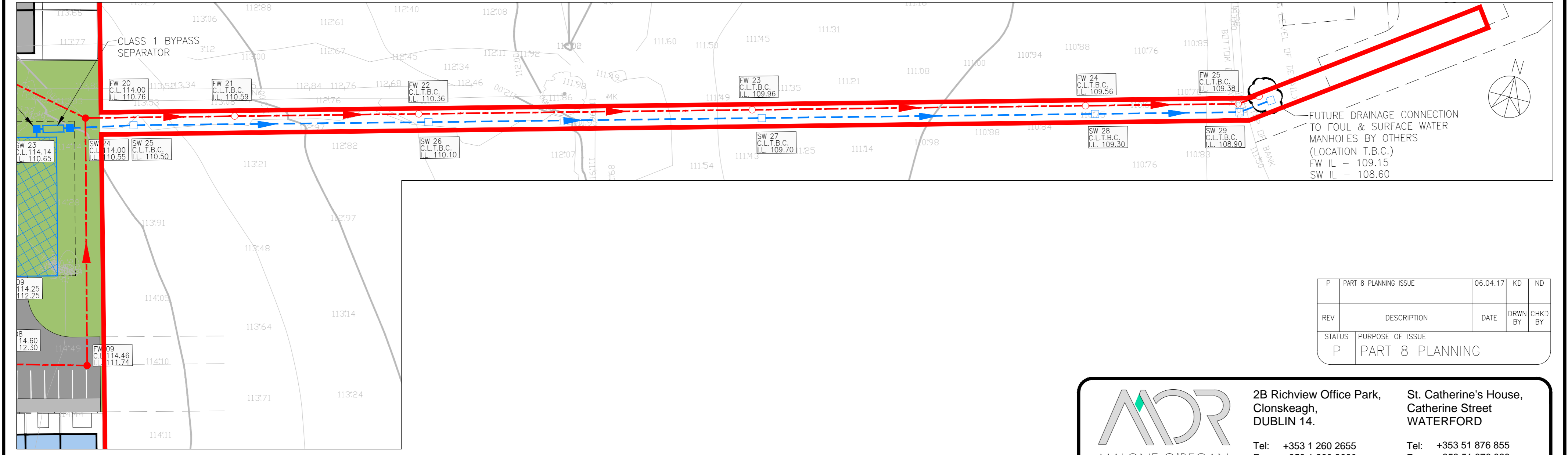
- A. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS.
- B. ALL DIMENSIONS IN mm UNLESS NOTED.
- C. DO NOT SCALE DIMENSIONS.
- D. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.

BY	DRAWING No. & REFERENCE	DATE
SURVEY	SHB1-CRA-CP-MOR-DR-102 Rev 2016-10-25	11/01/17
ARCH	00495 DWG-SHB1-CRA-CP-MOR-DR-102-002.DWG	03/03/17

DRAINAGE LEGEND	
	PROPOSED FOUL DRAINAGE LINE
	PROPOSED FOUL MANHOLE
	PROPOSED FOUL ARMSTRONG JUNCTION
	EXISTING FOUL DRAINAGE LINE
	EXISTING FOUL MANHOLE
	EXISTING FOUL ARMSTRONG JUNCTION
	PROPOSED FUTURE FOUL DRAINAGE LINE
	PROPOSED SURFACE DRAINAGE LINE
	PROPOSED SURFACE MANHOLE
	PROPOSED SURFACE ARMSTRONG JUNCTION
	PROPOSED SURFACE ROAD GULLY
	PROPOSED SURFACE RAIN WATER PIPE
	PROPOSED FUTURE SURFACE DRAINAGE LINE
	EXISTING SURFACE DRAINAGE LINE
	EXISTING SURFACE MANHOLE
	EXISTING SURFACE ARMSTRONG JUNCTION
	EXISTING SURFACE ROAD GULLY
	EXISTING SURFACE RAIN WATER PIPE

DRAINAGE NOTES

1. ALL MAN FOUL AND SURFACE WATER DRAINAGE RUNS ARE TO A MIN. GRADE OF 1:150 AND PIPE SIZE OF 225# UNLESS OTHERWISE STATED.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT JUNCTION BOXES, CHAMBERS, MANHOLES, GULLIES TO ENSURE NO CLASHES WITH SERVICE DUCTS AND PIPES.
3. ALL LEVELS ARE IN METRES ABOVE MALIN HEAD DATUM UNLESS OTHERWISE NOTED.
4. ALL COVER LEVELS ARE INDICATIVE ONLY.
5. ALL DRAINAGE WORK TO BE IN ACCORDANCE WITH T.G.D. H.S.R.7/B.S.6367/B.S.8301 AND GREATER DUBLIN STRATEGIC DRAINAGE STRATEGY.
6. MANHOLES, MANHOLE COVERS AND ROAD GULLY GRATINGS TO STANDARD SPECIFICATION.
7. ALL PIPE DIAMETERS ARE NOMINAL.
8. THE CONTRACTOR MUST SATISFY HIMSELF IN RESPECT TO THE LOCATION OF ALL EXISTING SERVICES.
9. uPVC PIPES TO BE IN ACCORDANCE WITH S.R.3, B.S.EN.1401-1, B.S.4660.
10. ALL ROAD GULLY DRAINS ARE 150mm ø
11. 600mm MAX LENGTH ROCKER PIPES ARE TO BE PROVIDED ON SEWERS WHERE:
 - A PIPE ENTERS A MANHOLE OR PUMPING STATION
 - A PIPE LEAVES A MANHOLE
 - A PIPE ENTERS CONCRETE ENCASEMENT
 - A PIPE LEAVES CONCRETE ENCASEMENT
 - ANY OTHER LOCATION AS DIRECTED BY THE ENGINEER
13. 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.
14. ALL ROCKER PIPES SHALL BE NO MORE THAN 150mm FROM THEIR ASSOCIATED MANHOLE, PUMPING STATION, CONCRETE ENCASED SECTION OR VALVE CHAMBER.
15. ALL MANHOLE COVERS LOCATED IN TRAFFICKED AREA ARE TO BE SKID RESISTANT.
16. ALL GULLY GRATINGS ARE TO BE MIN. CLASS D400 TO IS EN 124 AND ARE TO BE LOCKABLE.
17. WHERE COVER TO PIPE IS LESS THAN 900mm UNDER GRASSED AREAS OR LESS THAN 1200mm UNDER ROADWAYS THE PIPE SHOULD BE SURROUNDED IN CONCRETE.
18. NOTE: ALL ATTENUATION ZONES TO BE SEALED TO AVOID ANY POTENTIAL NEGATIVE EFFECTS ON THE SURROUNDING GROUND WATER.



PLAN CONT.
SCALE 1:500

REV	DESCRIPTION	DATE	DRWN BY	CHKD BY
P	PART 8 PLANNING ISSUE	06.04.17	KD	ND

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CLIENT NAME	DRAWING NAME
KILDARE COUNTY COUNCIL	FOUL AND SURFACE WATER DRAINAGE LAYOUT

JOB NAME	DWG NO	REVISION	SHEET SIZE	SCALE	DATE	DRAWN BY	ENGINEER
PROPOSED DEVELOPMENT OF 74 NO. RESIDENTIAL UNITS AT CRADDOCKSTOWN ROAD, CRADDOCKSTOWN DEMESNE, NAAS, CO. KILDARE	SHB1-CRA-CS-MOR-DR-102	P	A1	1:500	JAN '17	KD	ND