



NOTES (SEWERS)

- 1/ ALL DIMENSIONS ARE IN (mm), UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT JUNCTION BOXES, CHAMBERS, MANHOLES, GULLIES TO ENSURE NO CLASHES WITH SERVICE DUCTS AND PIPES.
- 2/ ALL LEGS ARE IN METRES ABOVE DRAIN UNLESS OTHERWISE NOTED.
- 3/ THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND MANUFACTURERS' DRAWINGS AND SPECIFICATIONS.
- 4/ ALL PIPE DIAMETERS ARE NOMINAL.
- 5/ THE CONTRACTOR MUST CONTACT THE RELEVANT AUTHORITIES PRIOR TO CONSTRUCTION WORK, AND SANITARY HIMSELF IN RESPECT TO THE LOCATION OF ALL EXISTING SERVICES.
- 6/ ALL DRAINAGE PIPES >375 ϕ TO BE CLASS 'H' SPOURT & SOCKET CONCRETE PIPES TO I.S. 6 UNLESS OTHERWISE NOTED. ALL DRAINAGE PIPES BETWEEN 225 ϕ AND 375 ϕ TO BE CLASS 'W' SPOURT & SOCKET CONCRETE PIPES, UNLESS OTHERWISE NOTED. ALL DRAINAGE PIPES \leq 150 ϕ TO BE UPVC TO I.S. 42.
- 7/ ALL ROAD GULLY DRAINS ARE 150mm.
- 8/ 600mm MAX. LENGTH ROCKER PIPES ARE TO BE PROVIDED ON SEWERS WHERE:
 - (A) A PIPE ENTRIES A MANHOLE OR PUMPING STATION.
 - (B) A PIPE ENTRIES CONCRETE ENCASUREMENT.
 - (C) A PIPE LEAVES CONCRETE ENCASUREMENT.
 - (E) ANY OTHER LOCATION AS DIRECTED BY THE ENGINEER.
- 9/ ALL SEWER ROCKER PIPES ARE TO BE FORMED BY CUTTING AND TRIMMING A LENGTH OF SPOURT & SOCKET PIPE TO FORM A SPOURT AT THE TOP END, HEREBY FORMING SPOURT & SOCKET JOINTS AT BOTH ENDS OF THE ROCKER PIPE.
- 10/ ALL PIPE RUNS BETWEEN ACCESS JUNCTIONS TO BE 100% 1 IN 40 GRADEUNT.
- 11/ WHERE SEWER PIPES, RISING MAINS OR 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 ITS ORIGINAL SPECIFICATION AS APPROVED BY THE ENGINEER.
- 12/ 600mm MAX. LENGTH ROCKER PIPES ARE TO BE PROVIDED ON RISING MAINS WHERE:
 - (A) THE MAIN ENTRIES A MANHOLE OR VALVE CHAMBER.
 - (B) THE MAIN ENTRIES A MANHOLE OR VALVE CHAMBER.
 - (C) A PIPE ENTRIES CONCRETE ENCASUREMENT.
 - (D) A PIPE LEAVES CONCRETE ENCASUREMENT.
 - (E) ANY OTHER LOCATION AS DIRECTED BY THE ENGINEER.
- 13/ ABANDONED SEWER RUNS TO BE BROKEN OUT AND TRENCH/MANHOLES TO BE BACKFILLED WITH CLASS C12/15 LEAN MK CONCRETE.
- 14/ ALL ROCKER PIPES SHALL BE NO MORE THAN 150mm FROM THEIR ASSOCIATED MANHOLE, PUMPING STATION, CONCRETE ENCASED SECTION OR VALVE CHAMBER.
- 15/ WHERE PIPE RUNS PASS UNDER FOUNDATIONS, PIPE TRENCH TO BE BACKFILLED TO FORMATION LEVEL WITH CLASS C12/15 CONCRETE.
- 16/ ALL EXISTING MAIN SEWER RUNS TO BE LETTET TO REMOVE BLOCKAGE/DEBRIS.
- 17/ CONJ. SURVEY TO BE CARRIED OUT ON ALL NEW DRAINAGE RUNS AND ABANDONED TO CHECK FOR EXISTING LIVE CONNECTIONS.
- 18/ FOR ALL INTERNAL DRAINAGE SEE ARCHITECTS DRAWINGS.
- 19/ GULLY LOCATION ARE INDICATIVE AND ARE TO BE CONFIRMED BY THE ARCHITECT. EXISTING GULLY CONNECTIONS TO BE MAINTAINED.

Specialist Consulting Engineers		Rev:	Amendment:
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By:	Date:	Rev:	Amendment:
JR	06-03-2013		
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<p>PUNCH consulting engineers</p> <p>Dublin Limerick Cork</p> <p>112255-002 PLO</p>			

LEGEND:

225 ϕ @ 1/200	PROPOSED SURFACE WATER WITH PIPE REF.
150 ϕ @ 1/100	PROPOSED SURFACE WATER INSPECTION CHAMBER
FC	PROPOSED FOLL MH
FI.0	PROPOSED BACKROP MANHOLE
IC	PROPOSED FOLL SEWER INSPECTION CHAMBER
RG	PROPOSED ROAD GULLY
EX-FW	PROPOSED SOAKAWAY
EX-SW	EXISTING FOLL SEWER
EX-SW	EXISTING SURFACE WATER
EX-SW	EXISTING COMBINED SEWER
-X-FW-X-SW	EXISTING SURFACE WATER TO BE ABANDONED
-X-FW-X-FW	EXISTING FOLL SEWER TO BE ABANDONED