



- GENERAL NOTES:**
- Written dimensions take precedent over scaled dimensions
  - All dimensions are in metres unless noted otherwise
  - Any discrepancies found on this drawing should be immediately reported to the engineers
  - This drawing is to be read in conjunction with all relevant engineers drawings, specifications and contract documents
  - All works are to be in accordance with the relevant and current Health and Safety legislation
  - Specification of the works to be to the appropriate Irish standard of the equivalent British standard

- (DC) = Approved slot drainage channel system ~ refer to drainage notes
- rg = storm road gully
- rwp = rainwater downpipe
- aj = access junction

- DRAINAGE NOTES:**
- Existing inverts at proposed connection to existing sewers/culvert to be determined / confirmed on site and reported immediately to the engineers
  - Drainage channels to ramp/carriageway to be 'Aco Multidrain M150D' channel c/w slotted steel gratings (galvanised); C400 load class ~ outfall via BP interceptor and attenuation area to existing culvert
  - Storm discharge from road gullies to be 150mm at min. 1:150 gradient unless noted otherwise
  - Rainwater pipes to be 150mm unless noted otherwise
  - BP Int = NSBP004 Kingspan Class ' by-pass separator or similar approved

- LEGEND:**
- STORM DRAIN
  - FILTER DRAIN - INFILTRATION BLANKET
  - PERMEABLE PAVED AREA
  - (DC) ACO MULTIDRAIN M150D CHANNEL C/W SLOTTED STEEL GRATINGS (GALV.); D400 LOAD CLASS
  - FCC ○ FLOW CONTROL CHAMBER



1	MN	AOD	JG	Network rev'd; Further Information Issue	DEC.22
-	MN	AOD	JG	Further Information Issue	OCT.22
Rev	Drawn	Chkd	Appd	Description	Date

**PLANNING APPLICATION PURPOSES ONLY**

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CLIENT: **PETROGAS GROUP LTD**

PROJECT TITLE:  
**Electric Vehicle fast-charging hub & Coffee Drive-thru Facility at Tootenhill, Rathcoole, Co.Dublin**

DRAWING TITLE:  
**SURFACE WATER DRAINAGE LAYOUT**

PLOT SIZE: A2	PLOT SCALE: 1:200	DRAWN BY: MN
PROJECT No: 3644	DRAWING No: P3644-C008	REV: 1

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**MANHOLE SCHEDULE (STORM)**

-	REF	COVER LEVEL	PIPE Ø U/S	PIPE Ø D/S	Length D/S	Grade D/S	IL (in)	IL (out)	Depth to Invert
01	S1.01	126.841m	150mm	225mm	11.209m	1:150	125.878m	125.878m	0.963m
03	LD1	126.990m	225mm	150mm	18.000m	-	125.803m	125.803m	1.187m
04	LD2	126.803m	150mm	150mm	2.914m	1:150	125.803m	125.803m	1.000m
05	FCC	126.789m	150mm	100mm	1.565m	1:150	125.784m	125.784m	1.005m
06	S1.02	126.778m	100mm	225mm	22.070m	1:150	125.774m	125.217m	1.561m
07	S1.03	126.771m	225mm	225mm	1.817m	1:151	125.070m	125.070m	1.701m
08	INT	126.783m	225mm	225mm	1.817m	1:151	125.058m	124.958m	1.825m
09	S1.04	126.793m	225mm	300mm	13.328m	-	124.946m	124.946m	1.847m
10	S1.05	126.461m	300mm	225mm	6.590m	1:23	124.946m	124.946m	1.515m
11	S1.06	126.399m	225mm	1600mm	-	-	124.662m	123.150m	3.249m