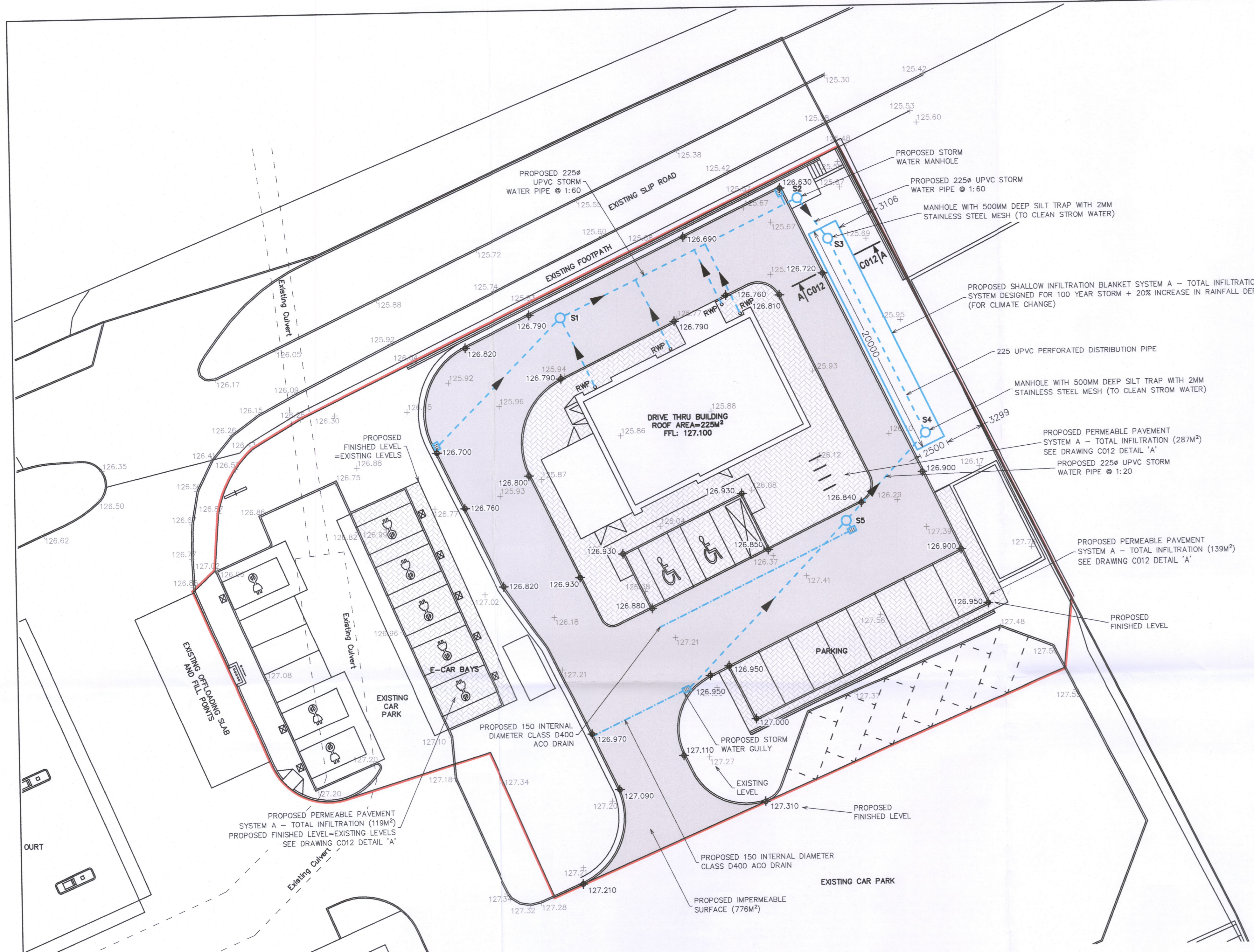
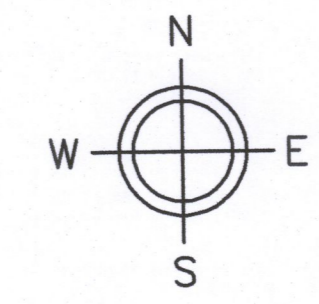
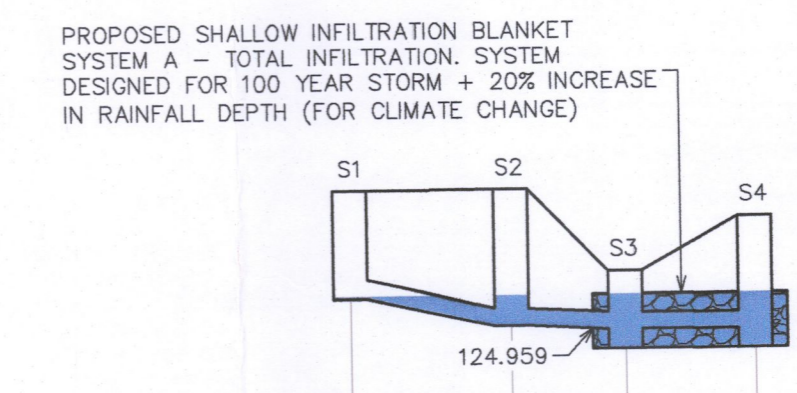


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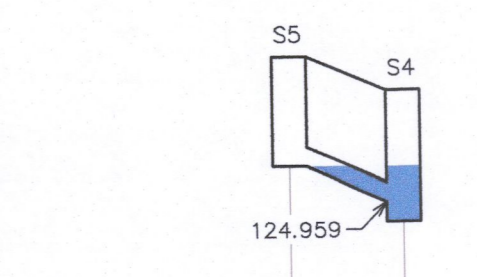
+ 127.270	EXISTING LEVEL
◆ 126.630	PROPOSED FINISHED LEVEL
■	PROPOSED IMPERMEABLE SURFACE (776M ²)
▨	PROPOSED PERMEABLE PAVEMENT SYSTEM A - TOTAL INFILTRATION (545M ²) SEE DRAWING C010 DETAIL 'A'
○ S1	PROPOSED STORM WATER MANHOLE
—	PROPOSED STORM WATER PIPE
▭	PROPOSED STORM WATER GULLY
---	PROPOSED 150 INTERNAL DIAMETER CLASS D400 ACO DRAIN

STRUCTURE ID	COVER LEVEL	ENTRY INVERT LEVEL	INVERT LEVEL	DISTANCE	FALL	PIPE INTERNAL DIAMETER	STRUCTURE DEPTH
(X)	m	m	m	m	1:X	mm	m
S1	126.771	125.371	125.371			225	1.400
S2	126.778	125.016	125.016	21.3	60	225	1.782
S3	126.700	124.959	124.700	3.4	60	225	1.000
S4	126.841	124.959	124.700	17.2	ZERO	225	1.700
S5	126.841	125.409					1.432
S4	126.400	124.959	124.700	9.0	20	225	1.700



DATUM = 120.000	
DISTANCE	21.300 3.4 NTS 17.200
COVER LEVEL	126.771 126.778 126.700
INVERT LEVEL	125.371 125.016 124.700
PIPE SIZE AND GRADIENT	225mm UPVC @ 1:60 225mm UPVC @ 1:60 225mm UPVC @ ZERO

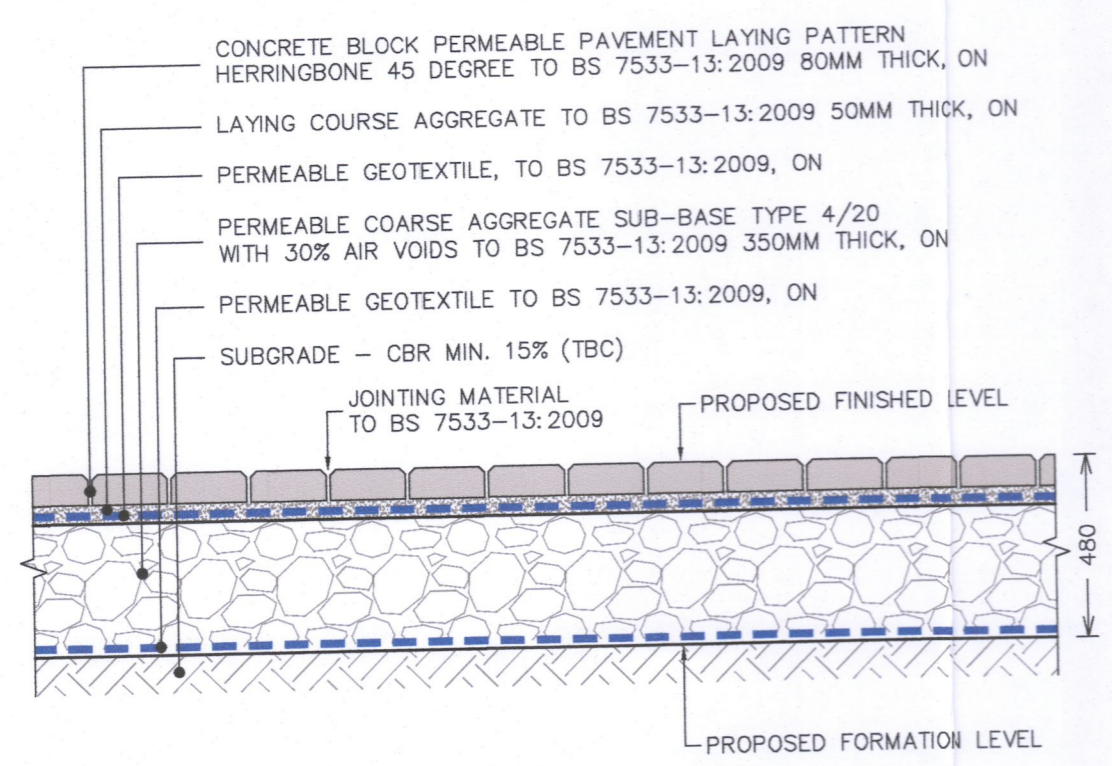
LONGITUDINAL SECTION S1 TO S4
SCALE: HORIZONTAL 1:1000 / VERTICAL 1:100



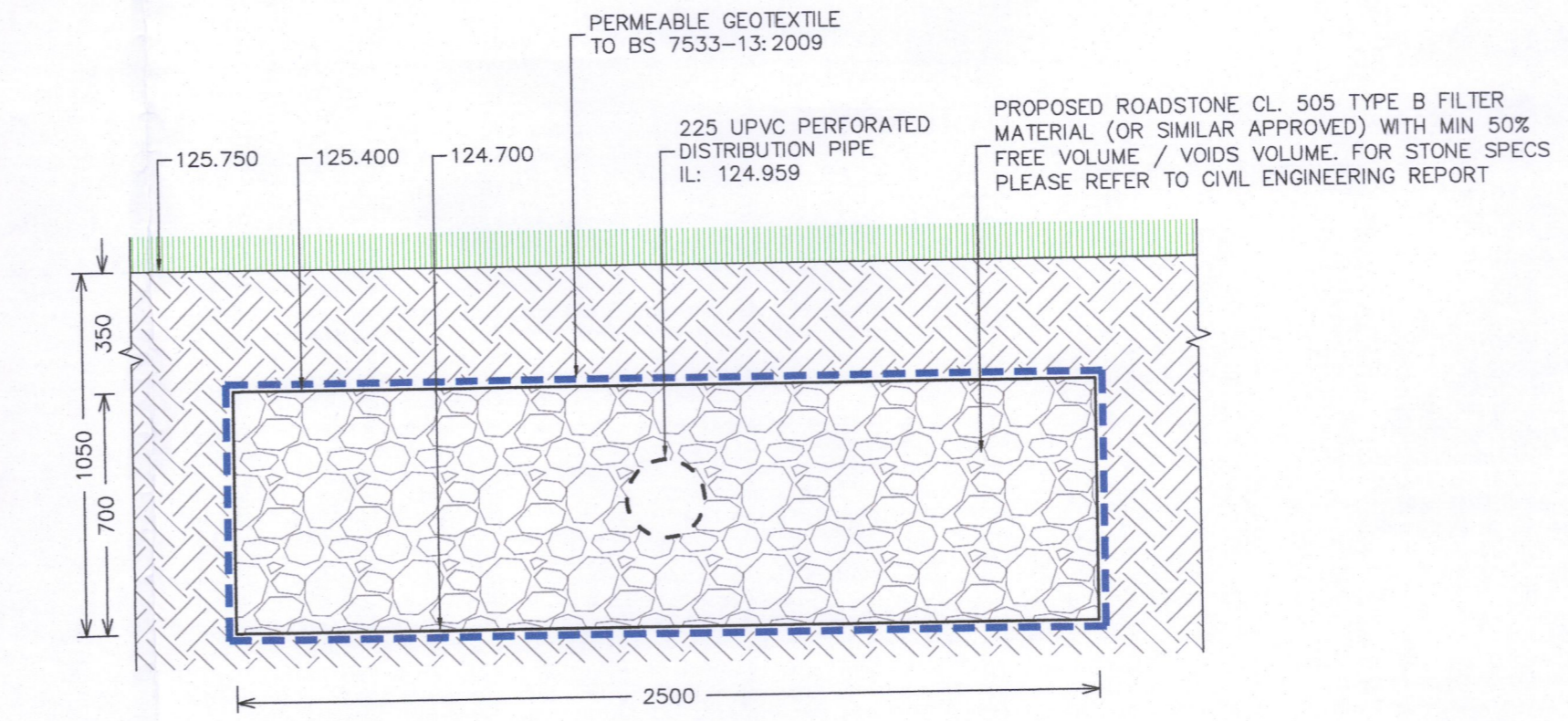
DATUM = 120.000	
DISTANCE	9.0 NTS
COVER LEVEL	126.841
INVERT LEVEL	125.409 124.700
PIPE SIZE AND GRADIENT	225mm UPVC @ 1:20

LONGITUDINAL SECTION S5 TO S4
SCALE: HORIZONTAL 1:1000 / VERTICAL 1:100

PROPOSED SITE LAYOUT PLAN SHOWING SUDS COMPONENTS
SCALE: 1:200



DETAIL 'A'
PROPOSED PERMEABLE PAVEMENT SYSTEM A - TOTAL INFILTRATION
SCALE: 1:20



SECTION A-A
PROPOSED SHALLOW INFILTRATION BLANKET SYSTEM A - TOTAL INFILTRATION.
SYSTEM DESIGNED FOR 100 YEAR STORM + 20% INCREASE IN RAINFALL DEPTH (FOR CLIMATE CHANGE)
SCALE: 1:20

SOUTH DUBLIN COUNTY COUNCIL
REG. REF.: SD22A/0114
ISSUED FOR COMPLIANCE
CONDITION 10

Rev	Drawn	Chkd	Appd	Description	Date
-	WP	ACD	JG	ISSUED FOR COMPLIANCE	11.12.2023

PLANNING COMPLIANCE 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:
PROPOSED SITE LAYOUT PLAN SHOWING SUDS COMPONENTS AND DETAILS

PLOT SIZE: A1
PLOT SCALE: AS NOTED
DRAWN BY: WP
PROJECT No: 3644
DRAWING No: PC3644-C004
REV: -

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