A1

LEGEND:

- EXISTING SURFACE WATER DRAINAGE
- PROPOSED SURFACE WATER DRAINAGE
- PROPOSED SURFACE WATER DISCHARGE PIPE
- EXISTING FOUL SEWER
- PROPOSED FOUL SEWER
- EXISTING LOCAL AUTHORITY WATERMAIN
- PROPOSED 100mm HDPE WATER MAIN
- PROPOSED WATER METER; FIRE HYDRANT, AIR VALVE, SCOUR VALVE, SLUICE VALVE & BOUNDARY BOX
- DENOTES PROPOSED LEVELS/ROAD CHAINAGE (F.F.L. 95.10; +98.35; Ch 00.00; +98.20)

KINGSWOOD ROAD

LANA PHAIRC AN TSIODA

PROPOSED CAR ACCESS/EGRESS

PEDESTRIAN GATE

PROPOSED CONNECTION TO EX. FS MANHOLE AT KINGSWOOD ROAD

PROPOSED SITE AREA 2.54ha

EXISTING FOOTPATH

REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR BOUNDARY AND PLANTING DETAILS

Kingswood Business Centre

Car Park

WAREHOUSE F.F.L. +98.50

OFFICE F.F.L. +98.50

ANCILLARY WAREHOUSE TOILET BLOCK

ANCILLARY 3 STOREY OFFICES/STAFF FACILITIES

PROPOSED GREEN WALL

WATERMAN SERVICE CONNECTION WITH BOUNDARY BOX & IRISH WATER COMPLIANT WATER METER

CONCRETE YARD

RETAINING WALL

LANDSCAPE

FIRE ESCAPE

HydroBrake MH SW MH 16 Cl. 97.60 Inl. 95.77 Inl. 95.77 FLOW CONTROL DEVICE TO BE PLACED ON OUTLET OF MH TO LIMIT FLOW TO Q_{BAR}=5.25 l/sec

FWM Cl. 96.860 INVERT 93.95 (W)

Ex. FS MH F103 Cl. 96.932 Il. 94.492

SURFACE WATER DISCHARGE LOCATION TO EXISTING OPEN CHANNEL AT IL 95.60 WATER LVL 95.314 +286mm FREEBOARD

WATERLVL 95.514m

PROPOSED STORMTECH MC-3500 ATTENUATION TANK

• MIN. REQUIRED STORAGE CAPACITY:	1727m³
• PROVIDED STORAGE VOLUME:	1735m³
• PROPOSED STORAGE AREA:	1600m²
• BASE OF TANK:	+95.65
• HIGH WATER LEVEL:	+97.33
• FFL:	+98.50
• MAX GROUND LEVEL ABOVE:	+97.90
• MIN GROUND LEVEL:	+97.55

WATERLVL 95.750m

WATERLVL 95.308m

WATERLVL 96.128m

Ex. FS MH F104 Cl. 96.945 Il. 94.795 FWM IL F104 94.895

PROPOSED HGV ACCESS/EGRESS ELECTRICALLY SLIDING GATE

PROPOSED ESB SUBSTATION

PROPOSED ROUND BAR RAILING FENCE

Ex. FS MH F105 Cl. 97.83 Il. 96.49

Ex. FS MH F107A Cl. 97.12 Il. 93.17

Ex. FS MH F106 Cl. 97.703 Il. 93.639

Ex. SW MH S4C/1 Cl. 98.60 Il. 95.50

Ex. SW MH S4C/2 Cl. 98.58 Il. 96.21

Ex. SW MH S4B/8 Cl. 98.19 Il. 97.29

Ex. SW MH S4B/A Cl. 97.73 Il. 96.83

EXTENT OF SUBJECT PLANNING APPLICATION (OUTLINED IN RED) 2.567 ha (6.34 ac)

PROPOSED CONNECTION POINT TO EXISTING 100Ø WATERMAIN SPUR

SURFSEP SILT TRAP REF. SWI 0804 OR SIMILAR APPROVED

KLARGESTER CLASS 1 BYPASS PETROL INTERCEPTOR REF. NSB0040 OR SIMILAR APPROVED

SW MH 01 Cl. 98.20 Il. 97.20

SW MH 02 Cl. 98.20 Il. 96.50

SW MH 03 Cl. 97.90 Il. 96.05

SW MH 04 Cl. 97.90 Il. 95.90

SW MH 05 Cl. 98.50 Il. 96.475

SW MH 06 Cl. 98.09 Il. 96.775

SW MH 07 Cl. 98.29 Il. 96.66

SW MH 08 Cl. 98.20 Il. 97.20

SW MH 09 Cl. 98.35 Il. 97.15

SW MH 10 Cl. 98.35 Il. 96.80

SW MH 11 Cl. 98.35 Il. 96.45

SW MH 12 Cl. 97.90 Il. 96.35

SW MH 13 Cl. 97.90 Il. 96.45

SW MH 14 Cl. 97.50 Il. 96.275

SW MH 15 Cl. 97.55 Il. 95.74

SW MH 16 Cl. 97.60 Il. 95.77

SW MH 17 Cl. 97.55 Il. 95.74

FS MH 01 Cl. 98.20 Il. 97.20

FS MH 02 Cl. 97.85 Il. 96.30

FS MH 03 Cl. 97.95 Il. 95.90

FS MH 04 Cl. 98.35 Il. 97.00

FS MH 05 Cl. 98.35 Il. 97.00

FS MH 06 Cl. 98.35 Il. 97.00

FS MH 07 Cl. 98.35 Il. 97.00

FS MH 08 Cl. 98.35 Il. 97.00

FS MH