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ON ORIGINAL

0 5 10 15 20 25 30 40 50mm

NOTES:

1. ALL DIMENSION AND LEVELS IN METRES, EXCEPT IF NOTED OTHERWISE.
2. ALL LEVELS TO **MALIN HEAD** DATUM.
3. CO-ORDINATE SYSTEM IS: **IRISH TRANSVERSE MERCATOR.**
4. LEVELS AND POSITIONS OF ALL EXISTING SERVICES TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
5. EXISTING FOUL & SURFACE WATER DRAINS & CONNECTIONS & WATER SUPPLY TO BE PRESERVED & UTILISED WHERE POSSIBLE.
6. ALL EXTERNAL PRIVATE DRAINS TO BE 150mm DIA. UNLESS NOTED OTHERWISE.
7. FALLS IN DRAINS TO BE 1:120 FOR SURFACE WATER UNLESS NOTED OTHERWISE.
8. ALL PUBLIC SURFACE WATER SEWERS TO BE CONCRETE OR PVC MINIMUM 225mm DIA.
9. ALL MAIN SEWERS WITH LESS THAN 1.2m COVER UNDER ROADS AND 0.9m COVER UNDER GRASSED AREAS AND FOOTPATHS TO BE SURROUNDED IN 150mm C20 CONCRETE.
10. PROVIDE MANHOLE COVERS AND AJS WITH ARCHITECTURAL PAVING WHERE REQUIRED. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
11. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH
    - TII SPECIFICATION FOR ROADWORKS
    - GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS
    - RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS
    - FINGAL COUNTY COUNCIL REQUIREMENTS AND STANDARDS FOR SUBMERSIBLE SEWAGE PUMPING STATIONS
13. ALL COVERS IN PUBLIC AREAS TO BE IS EN 124 D400 UNLESS NOTED OTHERWISE
14. CE CERTIFICATION TO BE PROVIDED FOR ALL PRODUCTS COVERED BY THE EU CONSTRUCTION PRODUCTS REGULATION (NO.305/2011-CPR)
15. ALL MATERIALS PROPOSED FOR USE ON SITE TO BE APPROVED PRIOR TO ARRIVAL ON SITE.

LEGEND:

- HOUSE TYPE
- FFL.99.99 — FINISHED FLOOR LEVEL
- SITE BOUNDARY

PROPOSED SERVICES:

- 9999 SW 1:999 — SURFACE WATER SEWER
- SURFACE WATER DRAIN
- SURFACE WATER FILTER DRAIN
- S99 / CL 99.99 / IL 99.99 — SURFACE WATER MANHOLE
- IL 99.99 — SURFACE WATER DRAIN MANHOLE
- EIL 99.99 — ENTRY INVERT LEVEL
- DB — DIFFUSER BOX
- G — SURFACE WATER GULLY
- RWP — RAINWATER DOWNPIPE
- PERMEABLE PAVING
- TREE PIT
- ACO — ACO CHANNEL

EXISTING SERVICES:

- EX 450ø SW — SURFACE WATER SEWER
- EX SMH / CL 23.72 / IL 22.04 — SURFACE WATER MANHOLE

OLD LUCAN ROAD

PROPOSED DISCHARGE MANHOLE

OLD LUCAN ROAD
S4
CL 48.40
IL 47.65

PIPE TO CONTROL FLOW ON OUTLET TO LIMIT FLOW TO 2.0 l/s

225mm ø EX. SURFACE WATER

150ø SW 1:200
EIL 48.06

PERMEABLE PAVING
AREA: 200m2.
STORAGE DEPTH:0.5M
VOIDS: 30%
PROVIDED STORAGE VOLUME:30m3
IL:47.92

150ø SW 1:150

FFL 48.70

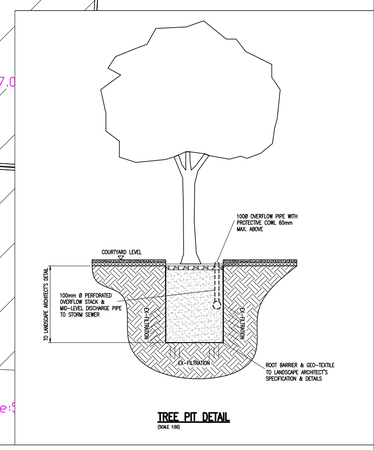
S3
CL 48.62
IL 48.20

S1
CL 48.60
IL 48.30

S2
CL 48.60
IL 48.30

TREE PIT NO.1
AREA: 10m2.
STORAGE DEPTH:0.8m
VOIDS: 30%
PROVIDED STORAGE VOLUME:2.4m3

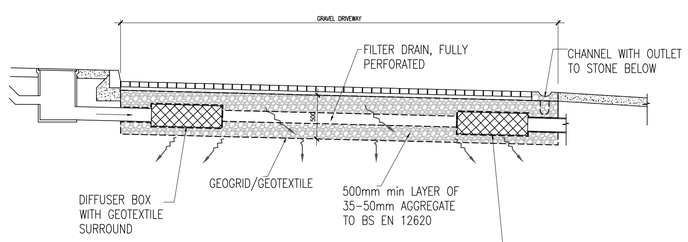
TREE PIT NO.2
AREA: 10m2.
STORAGE DEPTH:0.8m
VOIDS: 30%
PROVIDED STORAGE VOLUME:2.4m3



TREE PIT DETAIL
(SCALE 1:50)

GRAVEL DRIVEWAY CONSTRUCTION

80mm PERMEABLE PAVER TO ARCHITECT'S SPECIFICATION
50mm LAYING COURSE MATERIAL ON GEOTEXTILE LAYER TO CL 609
500mm GRANULAR 4/20mm COARSE GRADED PERMEABLE ANGULAR CRUSHED ROCK AS PER TABLE A.1 BS 7533-13 ON GEOTEXTILE LAYER TO CL 609



TYPICAL SECTION THROUGH GRAVEL DRIVEWAY DETAIL A
NOT TO SCALE

rev	date	description	by	chkd.
client approval		A - Approved		
		B - Approved with comments		
		C - Do not use		

suitability: S2 - INFORMATION
issue purpose: PLANNING

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project ref.
LUCAN ROAD OLD HOUSING, PALMERSTOWN, DUBLIN 20

drawing title
SURFACE WATER LAYOUT PLAN

client
TÚATH HOUSING ASSOCIATION

designed by	author	scale	sheet size
BJM	DCH	1:100	A1

drawing no.: 190077-DBFL-SW-SP-DR-C-1011
revision: P0