

**NOTES**

GENERAL

- 1.) THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT HAYES HIGGINS ENGINEERING DRAWINGS AND SPECIFICATIONS.
- 2.) DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.



**STORM WATER DRAINAGE TABLE**

| MANHOLE | COVER LEVEL | INVERT LEVEL                | MH - MH        | PIPE DIA. | MIN. PIPE GRAD. |
|---------|-------------|-----------------------------|----------------|-----------|-----------------|
| S01     | 46.30       | 45.126                      | S01 - S02      | 225mm     | 1:200           |
| S02     | 46.525      | 45.036                      | S02 - S03      | 225mm     | 1:200           |
| S03     | 46.93       | 44.83                       | S03 - PIT      | 300mm     | 1:200           |
| S04     | 47.09       | 45.06                       | S04 - S05      | 225mm     | 1:200           |
| S05     | 47.065      | 44.97                       | S05 - S03      | 225mm     | 1:200           |
| PIT     | 47.40       | INLET 44.62<br>OUTLET 44.52 | PIT - S06      | 225mm     | 1:200           |
| S06     | 46.32       | 44.50                       | S06 - ATT      | 225mm     | 1:200           |
| ATT     | 45.8        | INLET 44.48<br>OUTLET 44.44 | ATT - S07      | 225mm     | 1:200           |
| S07     | 46.7        | 44.39                       | S07 - S08      | 225mm     | 1:200           |
| S08     | 47.90       | 44.35                       | S08 - HEADWALL | 300mm     | -               |

**FOUL SEWER DRAINAGE TABLE**

| MANHOLE | COVER LEVEL | INVERT LEVEL | MH - MH        | PIPE DIA. | MIN. PIPE GRAD. |
|---------|-------------|--------------|----------------|-----------|-----------------|
| F01     | 47.00       | 44.695       | F01 - F02      | 225mm     | 1:200           |
| F02     | 47.04       | 44.575       | F02 - F03      | 225mm     | 1:200           |
| F03     | 46.93       | 44.41        | F03 - F05      | 225mm     | 1:200           |
| F04     | 46.19       | 44.725       | F04 - F03      | 225mm     | 1:200           |
| F05     | 47.145      | 44.21        | F05 - EX-SEWER | 225mm     | -               |
| F06     | 44.60       | 40.50        | F06 - EX-SEWER | 225mm     | -               |

**DRAINAGE LEGEND**

- EXISTING #80mm PE RISING MAIN
- - - EXISTING SURFACE SEWER
- - - EXISTING #100mm SURFACE WATER RISING MAIN FROM BASKIN PARK / COURT
- EXISTING FOUL SEWER
- PROPOSED SURFACE WATER SEWER
- PROPOSED FOUL SEWER
- PROPOSED PRIVATE SURFACE SEWER
- PROPOSED PRIVATE FOUL SEWER
- PG PROPOSED SURFACE WATER GULLIES
- EG EXISTING ROAD GULLY
- FAJ PROPOSED FOUL ACCESS JUNCTIONS
- FIC PROPOSED FOUL INSPECTION CHAMBERS
- SAJ PROPOSED SURFACE ACCESS JUNCTIONS
- 42.00 PROPOSED SITE LEVELS
- 47.37 EXISTING SITE LEVELS

NOTES:

- 1) WATERMAIN CONNECTION TO BE MADE FROM EACH HOUSE DIRECTLY WITH WATER METER.
- 2) EACH PROPERTY TO HAVE SEPERATE FOUL CONNECTIONS TO MAINS.
- 3) ALL DOMESTIC FOUL AND SURFACE DRAINAGE TO BE 150mm  $\phi$  & AT 1:100 FALL.
- 4) WATERMAIN CONNECTION FROM EACH HOUSE DIRECTLY TO PUBLIC WATERMAIN. EACH HOUSE TO HAVE WATER METER.
- 5) ALL FOUL WATER SHOULD BE CONSTRUCTED TO CURRENT IRISH WATER SPECIFICATION AND DETAILS (IW-CDS-5030-01, IW-CDS-5030-03).
- 6) WATERMAIN TO CURRENT IRISH WATERS SPECIFICATION & DETAILS (IW-CDS-5020-01, IW-CDS-5020-03)
- 7) AIR VALVE & HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH. SEE SECTION 3.18 WATER CODE OF PRACTICE IW-CDS-5020-03.

| REV | DATE     | DESCRIPTION                       | DWG BY | APP. BY |
|-----|----------|-----------------------------------|--------|---------|
| P5  | 21.08.19 | EXISTING RISING WATER INDICATED   | JGC    | LM      |
| P4  | 03.08.19 | DENOTING S08                      | JGC    | LM      |
| P3  | 14.02.19 | HYDROBRAKE DISCHARGE RATE UPDATED | JGC    | LM      |
| P2  | 24.01.19 | RESIZING OF ATTENUATION SYSTEM    | JGC    | LM      |
| P1  | 18.12.18 | CHANGE OF ATTENUATION SYSTEM      | JGC    | LM      |
| P   | 14.12.18 | ISSUED FOR PLANNING               | JGC    | LM      |

ISSUED

**PLANNING**

CLIENT: **FINGAL COUNTY COUNCIL**

PROJECT NAME: **PROPOSED HOUSING, STOCKHOLE LANE CO. DUBLIN**

DRAWING NAME: **PROPOSED DRAINAGE LAYOUT SHEET 1 OF 2**

PROJECT No.: **18D073**

|                          |                            |
|--------------------------|----------------------------|
| DRAWING No. <b>01</b>    | REVISION <b>P5</b>         |
| SCALE <b>1:300</b>       | DRAWN DATE <b>12.11.18</b> |
| CAD DRAWN BY <b>J.GC</b> | CHECKED BY <b>L.M</b>      |
|                          | APPROVED BY <b>R.L</b>     |

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