ON ORIGINAL

0 5 10 15 20 30 40 50mm

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NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DEL SPECIFICATION OR DRAWINGS UNLESS THE EXPRESS CURRENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL.

NOTES

1. ALL DIMENSION AND LEVELS IN METERS. EXCEPT IF NOTED OTHERWISE.
2. ALL LEVELS TO MALIN HEAD DATUM
3. COORDINATE SYSTEM IS IRISH TRANSVERSE MERCATOR
4. LEVELS AND POSITIONS OF ALL EXISTING SERVICES TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
5. REFER TO MBE DRAWINGS FOR DETAILS ON PROPOSED AND EXISTING SITE SERVICES.
6. DRAWINGS BE READ IN CONJUNCTION WITH ARCHITECTS AND LANDSCAPE ARCHITECTS DRAWINGS AND DETAILS.
7. WATERMAIN MATERIAL TO BE DUCTILE IRON C40 PRESSURE RATED PIPE OR HDPE (TYPE PE 100 SDR17) TO MORE (TYPE PE80 SDR11). SPECIFICATION SHALL BE IN ACCORDANCE WITH SECTION 3.8 OF IRISH WATER CODE OF PRACTICE.
8. SERVICE CONNECTIONS BLUE VERE (TYPE PE 100 SDR 17) OR MORE (TYPE PE80 SDR11). SPECIFICATION SHALL BE IN ACCORDANCE WITH SECTION 3.8 OF IRISH WATER CODE OF PRACTICE.
9. COVER TO WATERMAIN TO BE MINIMUM 900mm
10. COVER TO SERVICE CONNECTIONS TO BE MINIMUM 750mm
11. HYDRANTS TO BE 6m MIN & 46m MAXIMUM FROM BUILDING
12. ALL COVERS IN PUBLIC AREAS TO BE IS EN 124 D400 UNLESS NOTED OTHERWISE
13. ANCHOR BLOCKS TO BE PROVIDED IN ACCORDANCE WITH IRISH WATER CoP SECTION 4.6 AND IW STANDARD DETAILS
14. FOR APARTMENTS BLOCKS A METER WILL BE INSTALLED INTERNALLY WITHIN THE PREMISES IN ACCORDANCE WITH THE BUILDING CONTROL AUTHORITY REQUIREMENTS AND IRISH WATER CODE OF PRACTICE. SEE SECTION 3.15.2 OF THE IRISH WATER CODE OF PRACTICE.
15. BULK METERS ARE TO BE PROVIDED WHERE THE DAILY DEMAND EXCEEDS 25M3 (EQUIVALENT OF 40 DOMESTIC UNITS) IN ACCORDANCE WITH SECTION 2.4.3 AND 2.6.5 OF THE IRISH WATER CODE OF PRACTICE.
16. AIR VALVE AND HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH 300mm ALL ROUND AND 100mm DEEP FORMED WITH C35/45 CONCRETE, 20mm AGGREGATE SIZE, BEDDED IN CLAUSE 808 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT LINKS AND SHALL HAVE A BULL NOSE FINISH AROUND TO EXTERNAL PERIMETER. SEE SECTION 3.18 OF IRISH WATER CODE OF PRACTICE.
17. NOTE RESTRICTIONS ON PLANTING ADJACENT TO WATER MAINS. REFER TO IW STANDARD DETAIL STDW-124
18. NOTE TYPICAL SERVICE LAYOUT DISTANCES, HORIZONTALLY AND VERTICALLY AS PER I.W. DETAIL STD-W-11.
19. AN AIR VALVE IS PROVIDED AT THE HIGH POINT. REFER TO SECTION 3.16.6 OF IRISH WATER CODE OF PRACTICE.
20. SLUICE VALVES PROVIDED AT ALL JUNCTIONS. REFER TO SECTION 3.16.2 AND 3.5.30 OF THE IRISH WATER CODE OF PRACTICE.
21. MEASURES TO BE PUT IN PLACE TO ENSURE NO CROSS CONTAMINATION OCCURS BETWEEN ANY REQUIRED FIRE WATER STORAGE AND POTABLE WATER WITHIN THE SUPPLY INFRASTRUCTURE AS PER SECTION 5.19 OF THE IRISH WATER CODE OF PRACTICE. REFER TO MBE CONSULTANTS DRAWINGS FOR DETAILS.
22. NEW WATERMAINS UP TO AND INCLUDING 199mm IN DIAMETER SHALL BE LAID WITHIN 3.0M OF AN EXISTING OR PROPOSED STRUCTURE. SEE SECTION 3.5.8 OF IRISH WATER CODE OF PRACTICE
23. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH:
    - IRISH WATER "CODE OF PRACTICE FOR WATER INFRASTRUCTURE"
    AND "IRISH WATER INFRASTRUCTURE STANDARD DETAILS"
    - TII SPECIFICATION FOR ROADWORKS
    - GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS
    - RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS
24. CE CERTIFICATION TO BE PROVIDED FOR ALL PRODUCTS COVERED BY THE EU CONSTRUCTION PRODUCTS REGULATION (NO 305/2011-CPR) 21 ALL MATERIALS PROPOSED FOR USE ON SITE TO BE APPROVED PRIOR TO ARRIVAL ON-SITE
25. LEVELS AND POSITIONS OF ALL EXISTING SERVICES TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
26. REFER TO ARBORICULTURIST AND ARCHITECT FOR ROOT PROTECTION DETAIL. ROOT PROTECTION WILL BE IN ACCORDANCE IRISH WATER STANDARD DETAIL STDW-124.
27. INDIVIDUAL TRANSITION COUPLERS AND SERVICE CONNECTIONS FOR EACH UNIT TO BE PROVIDED UP TO BOUNDARY BOXES FOR FUTURE PHASES.

LEGEND:

- SITE BOUNDARY
- OFF-SITE WORKS EXTENTS
- PROPOSED BUILDING
- ROAD EDGE
- ROAD CENTRELINE

PROPOSED

- 200ø WATERMAIN
- HYDRANT
- SLUICE VALVE
- AIR VALVE
- SCOUR VALVE
- WATER METER
- 6m OFFSET FROM HYDRANT
- 46m OFFSET FROM HYDRANT

EXISTING

- 200ø EX WATERMAIN
- H HYDRANT
- SV SLUICE VALVE
- WM WATER METER

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| rev | date | description | by | chkd |
|---|---|---|---|---|
| P01 | 04/04/22 | ISSUED FOR PLANNING | K.A/E | RTM |

client approval: A - Approved; B - Approved with comments; C - Do not use

| suitability | issue purpose |
|---|---|
| S2 - INFORMATION | PLANNING |

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WAREHOUSING / LOGISTICS & OFFICES AT CALMOUNT ROAD, BALLYMOUNT

drawing title:
WATERMAIN LAYOUT

client:
BLACKWIN LIMITED

| designed by | author | scale | sheet size |
|---|---|---|---|
| RTM | K.A/E | 1:500 | A0 |

drawing no.: 210175-DBFL-WM-SP-DR-C-1001
revision: P01

UNIT 1: FFL 64.40
UNIT 2: FFL 62.50
UNIT 3: FFL 61.00
UNIT 4: FFL 61.00
UNIT 5A: FFL 61.75
UNIT 5B: FFL 63.00
UNIT 5C: FFL 62.50
UNIT 6: FFL 64.50
CAFE: FFL 65.50
FFL 63.50
PROPOSED CONNECTION INTO EXISTING WATERMAIN TO BE AGREED WITH IRISH WATER
EXISTING WATERMAIN/SLUICE & HYDRANT TO BE RETAINED. EXACT LOCATION TO BE VERIFIED
EX 200mmØ WM
EX 150mmØ WM
EX 1000mmØ WM
EX 900mmØ WM
EX 450mmØ WM
EX 1350mmØ WM
EX 1200mmØ WM
EX 1050mmØ WM
EX 750mmØ WM
EX 600mmØ WM
EX 300mmØ WM
EX 225mmØ WM
EX 175mmØ WM
EX 100mmØ WM
EX 50mmØ WM
EX GAS MAIN
EX ESB/OHL
EX ESB/UGC
EX TELECOM
EX TELECOM/OHL
EX GAS MAIN