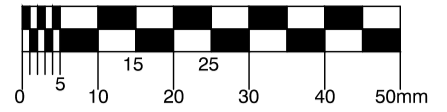


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ON ORIGINAL



- NOTES:
1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES
 2. ALL LEVELS ARE IN METRES TO ORDNANCE DATUM (m+OD)
 3. CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF PAVEMENT LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE
 4. ALL WATERMANS TO BE POLYETHYLENE WITH PE80 OR PE100 RATING
 5. ALL FOUL SEWERS TO BE uPVC TO EN1401
 6. RISING MAIN TO BE POLYETHYLENE TO IS EN12201
 7. ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 6 2004.

SERVICES LEGEND

- APPLICATION BOUNDARY
- FOUL SEWER
- FOUL RISING MAIN AND PUMPING STATION
- SURFACE WATER SEWER
- ROAD GULLY AS PER DEG 170092-3068
- KERB GULLY AS PER DEG 170092-3068
- 2500 WATERMAN
- HYDRANT
- DUCK FOOT HYDRANT
- SLUCE VALVE
- SCOUR VALVE
- AIR VALVE
- WATER METER
- BOUNDARY BOX
- ROAD LEVEL
- 57.15
- EXISTING WATERMAN
- EXISTING FOUL SEWER
- EXISTING SURFACE WATER SEWER
- EXISTING HIGH PRESSURE GAS MAIN + WATLEAVE
- EXISTING DRAIN/DITCH
- PERMITTED DIVERTED DRAIN/DITCH
- PROPOSED SWALE
- GREEN ROOF
- PERMEABLE PAVING
- BIORETENTION AREA



ORDNANCE SURVEY IRELAND LICENCE
No EN 0017919
© ORDNANCE SURVEY IRELAND
GOVERNMENT OF IRELAND

REV.	DATE	DESCRIPTION	BY	CHKD.
A	11-10-09	SURFACE WATER AMENDED	DJG	DCS

PLANNING SHD STAGE 3

DESIGNED	DMW	PREPARED	DJG
DATE	OCT 2019	CHECKED	DJR

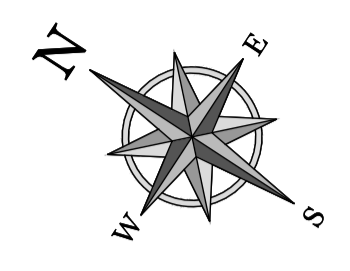
DBFL Consulting Engineers
Dublin Office: Ormrod House, Upper Ormrod Quay, Dublin 7, Ireland. PHONE: +353 1 400 4000 FAX: +353 1 400 4050
Waterford Office: Unit 2, The Chandlery, 1-2 O'Connell Street, Waterford, Ireland. PHONE: +353 51 309 500 FAX: +353 51 844 913

PROJECT
STRATEGIC HOUSING DEVELOPMENT AT COLPE WEST, DROGHEDA, CO. MEATH

DRG. TITLE
SITE SERVICES LAYOUT SHEET 4

CLIENT
SHANNON HOMES DROGHEDA LTD.

SCALE 1:500 @A1 FILE REF. 170092-3050
DRG. NO. 170092-3054



TEMPORARY POST PRIMARY SCHOOL APPROVED UNDER LB190739

COMMERCIAL DEVELOPMENT APPROVED UNDER LB180620

PROPOSED SURFACE WATER STORAGE SYSTEM C2 (STORMTECH SC-310) TO STORE FLOWS FROM UP TO 1 IN 100YR RETURN PERIOD EVENT. STORAGE VOLUME = 12.5m³ IL:24.086m AOD TWL: 24.686m AOD MAX DEPTH: 0.6m REFER TO DRG. NO. 170092-3066 FOR DETAILS

PERMITTED SURFACE WATER STORAGE SYSTEM C1 (DETENTION BASIN) TO STORE FLOWS FROM UP TO 1 IN 100YR RETURN PERIOD EVENT. STORAGE VOLUME = 274m³ IL:24.504m AOD TWL: 25.154m AOD MAX DEPTH: 0.65m APPROVED UNDER PLANNING REF. LB180620

MANHOLE S24 CONTAINING FLOW CONTROL DEVICE RESTRICTING FLOWS TO 4.1/5 WITH HYDROBRAKE MD6 OR EQUIVALENT IL:24.359m AOD

BYPASS SEPARATOR PROPOSED PETROL INTERCEPTOR MSB15 (L:3.915m x DIA: 1.225m)

WATER SERVICE CONNECTION TO IRISH WATER STANDARD DETAIL DRAWING NO. STD-W-02

HYDRANT AS PER IRISH WATER STANDARD DETAIL DRAWING NO. STD-W-16 & STD-W-18

WATER SERVICE CONNECTION TO IRISH WATER STANDARD DETAIL DRAWING NO. STD-W-02

WATER SERVICE CONNECTION TO IRISH WATER STANDARD DETAIL DRAWING NO. STD-W-02

HYDRANT AS PER IRISH WATER STANDARD DETAIL DRAWING NO. STD-W-16 & STD-W-18

AIR VALVE AS PER IRISH WATER STANDARD DETAIL DRAWING NO. STD-W-20 & STD-W-22

225mm DIA SURFACE WATER SEWER WITH BLANKED OFF END TO FACILITATE COLLECTION OF ATTENUATED SURFACE WATER RUNOFF FROM FUTURE DEVELOPMENT OF LANDS

225mm DIA FOUL SEWER TO BE CONSTRUCTED TO BOUNDARY TO FACILITATE FUTURE DEVELOPMENT OF LANDS

LINE OF EXISTING 250mm GAS MAIN

