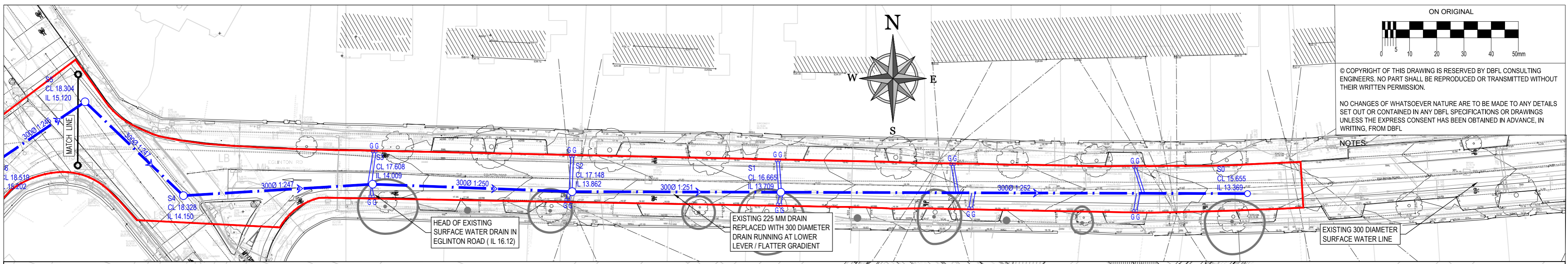


Appendix 16.3

DBFL Drawings



ON ORIGINAL
 0 10 20 30 40 50m
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 NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE IN WRITING, FROM DBFL.
 NOTES:

LEGEND

	SITE BOUNDARY
	BASEMENT OUTLINE
	PROPOSED SURFACE WATER SEWER SURFACE WATER CATCHPIT CHAMBER WITH GRATED COVER
	PROPOSED 150mm FILTER DRAIN
	PROPOSED INLET KEB
	ROAD GULLY AND 1500 COLLECTOR PIPE
	GULLY WITH 150mm LEAD PIPE (DRAINING VIA TREEPIT)
	PROPOSED TREE PIT
	PROPOSED ACO CHANNEL
	PROPOSED SURFACE WATER COLLECTOR
	PROPOSED ACCESS JUNCTION
	EXISTING SURFACE WATER SEWER
	EXISTING SURFACE WATER SEWER FROM IRISH WATER RECORDS
	PROPOSED BIORETENTION AREA
	PROPOSED FOUL WATER SEWER
	PROPOSED FOUL COLLECTOR
	EXISTING FOUL WATER SEWER
	EXISTING LEVEL
	PROPOSED LEVEL
	FINISHED FLOOR LEVEL
	PERMEABLE PARKING
	PROPOSED ATTENUATION BASIN

LIST OF IRISH WATER WASTEWATER STANDARD DETAILS BROUGHT INTO THE CONTRACT

- STD-WW-02 TYPICAL LAYOUT FOR SEWER WITHIN NEW DEVELOPMENT
- STD-WW-03 DRAIN AND SERVICE CONNECTION PIPEWORK
- STD-WW-04 TYPICAL SERVICE/SEWER PIPE CONNECTION
- STD-WW-05 TYPICAL SERVICE LAYOUT INDICATING SEPARATION DISTANCES
- STD-WW-06 RESTRICTIONS ON TREES/SHRUBS PLANTING ADJACENT TO SEWERS
- STD-WW-07 TRENCH BACKFILL & BEDDINGS
- STD-WW-08 CONCRETE BED, HAUNCH & SURROUND TO WASTEWATER PIPES
- STD-WW-09 BLOCKWORK MANHOLE (450mmØ)
- STD-WW-10 PRE-CAST CONCRETE MANHOLE
- STD-WW-11 IN-SITU CONCRETE MANHOLE
- STD-WW-12 BACKDROP MANHOLES
- STD-WW-13 PRIVATE SIDE INSPECTION CHAMBER
- STD-WW-14 THRUST BLOCKS FOR RISING MAINS
- STD-WW-15 SCOUR VALVE CHAMBER (FOUL RISING MAIN <200mmØ)
- STD-WW-16 SLUICE VALVE DETAILS FOR RISING MAINS DUCTILE IRON (D.I.) PIPE (<200mmØ) (SHEET 1 OF 2)
- STD-WW-17 SLUICE VALVE DETAILS FOR RISING MAIN POLYETHYLENE (P.E) PIPE (<200mmØ) (SHEET 2 OF 2)
- STD-WW-18 AIR VALVE CHAMBER (FOUL RISING MAIN <200mmØ)
- STD-WW-19 DUCT CHAMBER
- STD-WW-20 EMERGENCY OVERFLOW STRUCTURE
- STD-WW-21 TYPICAL DITCH/STREAM CROSSING FOR GRAVITY MAIN (SHEET 1 OF 2)
- STD-WW-22 TYPICAL DITCH/STREAM CROSSING FOR RISING MAIN (SHEET 2 OF 2)
- STD-WW-23 TYPICAL BRIDGE CROSSING FOR RISING MAIN (SHEET 1 OF 2)
- STD-WW-24 TYPICAL BRIDGE CROSSING FOR RISING MAIN (SHEET 2 OF 2)
- STD-WW-25 SECURITY GATE & FENCING
- STD-WW-26 INDICATIVE PUMPING STATION LAYOUT
- STD-WW-27 FLOW METER CHAMBER (FOUL RISING MAIN <200mmØ)
- STD-WW-28 INDICATIVE SUBMERSIBLE PUMPING STATION
- STD-WW-28A INDICATIVE PRE-CAST CONCRETE SUBMERSIBLE PUMPING STATION
- STD-WW-29 RISING MAIN DISCHARGE MANHOLE
- STD-WW-30 KIOSK TYPE 1 PUMPING STATION & WET KIOSK (SHEET 1 OF 2)
- STD-WW-31 KIOSK TYPE 2 + 3 PUMPING STATION & WET KIOSK (SHEET 2 OF 2)
- STD-WW-32 HARDSTANDING AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
- STD-WW-33 LAMP BOLLARD & LAMP STANDARD
- STD-WW-34 VENT STACK

GENERAL NOTES

- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
- ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
- ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR.
- ALL LEVELS ARE TO ORDNANCE DATUM (M.A.S. HEAD).
- ALL TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT SHALL COMPLY FULLY WITH THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
- THE CONTRACTOR MUST LAISE DIRECTLY WITH LOCAL AUTHORITY DEPARTMENTS AS DIRECTED IN THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
- ALL VEHICULAR & PEDESTRIAN CYCLE & PRIVATE ACCESS ROUTES WITHIN AND SURROUNDING THE WORKS EXTENTS MUST BE MAINTAINED THROUGHOUT THE WORKS IN ACCORDANCE WITH THE CONTRACTORS APPROVED TEMPORARY TRAFFIC MANAGEMENT PLAN & CONSTRUCTION MANAGEMENT PLAN.

DRAWING SPECIFIC NOTES

- ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
- CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS & THE LOCATION OF EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS UNLESS NOTED OTHERWISE.
- MANHOLE COVER LEVELS ARE TO CONFORM WITH FINISHED ROAD AND PATH LEVELS.
- ALL SURFACE WATER DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY'S CODE OF PRACTICE FOR DRAINAGE AND THE GOODS.
- ALL FOUL DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATERS CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
- FOUL SEWERS TO BE CONCRETE PIPES (SPRIG) AND SOCKET JOINTS AND RUBBER RING FITTINGS COMPLYING WITH IS EN 1916) OR THERMOPLASTIC STRUCTURED WALL PIPES (COMPLYING WITH THE PROVISIONS OF EN 13476 AND WS 4-35-01 2000) AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE.
- ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 6204.
- SURFACE WATER COLLECTOR DRAINS 150mm DIA.
- FOUL HOUSE CONNECTIONS TO BE 100mm DIA.
- CONTRACTOR SHALL INSPECT THE ROUTE & CONFIRM LOCATIONS OF ALL TREES, FEATURES, ENTRANCES & ASPECTS IMPACTING CONSTRUCTION OF THE WORKS.
- NOTE THAT THE CONTRACTOR AND/OR ARCHITECT ARE RESPONSIBLE FOR CONNECTIONS INTO THE BUILDING.
- THIS DRAWING IS BASED ON TOPO SURVEY BY DAVIDSON HICKEY IN OCT 2010 AND APEX SURVEYS IN JAN 2020.

ORDNANCE SURVEY IRELAND LICENCE
 No EN 0017925
 © ORDNANCE SURVEY IRELAND
 GOVERNMENT OF IRELAND

3	07-11-25	SODA APPLICATION	HvH	SM
2	03-07-25	GENERAL UPDATED	GDN	EJD
1	01-07-25	UPDATED LAYOUT	GDN	EJD
0	26-05-25	LARD APPLICATION	PGC	ED
rev	date	description	by	chkd.

STATUS CODES

purpose	acceptance
P3 - PLANNING PERMISSION	S - ISSUED

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project ref:
SANDFORD ROAD, MILLTOWN

drawing title:
SITE SERVICES LAYOUT

client:
SANDFORD LIVING LIMITED

designed by	author	scale	sheet size
SK	OVF	1:500	A1P
drawing no.			revision
190226-X-05-Z00-DTM-DR-DBFL-CE-1301			3