



© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

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.

ON ORIGINAL

NOTES:

- PUMPS TO BE INSTALLED TO MANUFACTURERS DETAILS & SPECIFICATION
- PUMP MANUFACTURER TO SUPPLY DETAILS OF STANDARD ANNUAL MAINTENANCE FOR PUMPS
- PUMP MANUFACTURER TO SUPPLY DETAILS OF RECOMMENDED SPARE PARTS FOR 20 YEARS OPERATION
- GALVANISED STEEL ACCESS COVER TO BE PROVIDED ON ALL CHAMBERS WITH NON-SLIP SURFACE. ALL COVERS TO BE LOCKABLE. CHAMBER COVERS TO COMPLY WITH BS EN 124.
- DAWTS & SOCKETS TO BE GALVANISED.
- LIFTING DAWTS, TACKLE AND SOCKETS SHOULD BE RATED TO LIFT TWICE THE WEIGHT OF EACH PUMP UNIT WITH A MINIMUM RATING OF 500kg, SAFE WORKING LOAD.
- ALL METAL EQUIPMENT ON THE PUMP STATION SITE TO BE BONDED TO EARTH. EARTH ROD WITH INSPECTION PIT TO BE INSTALLED.
- MINIMUM PUMP CUT-OUT LEVEL TO BE ABOVE THE TOP OF THE PUMP MOTORS.
- ALL DUCTING FROM PUMP CHAMBER TO BE SEALED AIRTIGHT.
- ELECTRICAL REQUIREMENTS TO MEET IRISH WATER CODE OF PRACTICE FOR WASTEWATER.
- PUMPING STATION TO HAVE REMOTE/ALARM MONITORING TO MEET IRISH WATER REQUIREMENTS.
- PUMPS TO BE DUTY/STANDBY SUBMERSIBLE
- PUMPS TO BE MOUNTED ON A CAST IRON COUPLING/DUCK-FOOT PEDESTAL.
- ALL PIPE WORK AND VALVES TO BE DUCTILE IRON TO IS EN 598 SUITABLE FOR USE WITH SEWERAGE WITH PN-16 FLANGES TO BS EN 1092-1.
- FIDDLE FLANGES TO BE USED TO ENSURE A SEAL BETWEEN PIPES AND IN-SITU CONCRETE SURROUND.
- ALL IN-SITU CONCRETE TO BE C20/25 TO IS EN 206.
- ALL OPENING TO BE CORED AND SEALED WITH FORSHEDA F310 WALL SEALS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS OR SIMILAR APPROVED PRODUCT.

SERVICES LEGEND

- PROPOSED SITE BOUNDARY
- EXISTING FOUL SEWER AND MANHOLE CONSTRUCTED UNDER PLANNING REF SD21A/0240
- EXISTING 50MM MDPE WATERMAIN
- PROPOSED FOUL SEWER AND INSPECTION CHAMBER
- 80mm<sup>2</sup> DUCTILE IRON RISING MAIN TO IS EN 598
- PROPOSED 50MM MDPE WATERMAIN AND SLUICE VALVE

PO1	16-11-22	ISSUED FOR PLANNING RESPONSE	TCA	KJS
REV	DATE	DESCRIPTION	BY	CHKD
<b>PLANNING</b>				
DESIGNED	TCA	PREPARED	TCA	
DATE	OCT 2022	CHECKED	KJS	

**DBFL**  
Dublin Office: Ormond House, Upper Ormond 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 51 208 5500 FAX +353 51 844 913

DBFL Consulting Engineers email: info@dbfl.ie site: www.dbfl.ie

PROJECT  
**PROPOSED EXTERNAL VEHICLE WASH AT UNIT 2007/2008 ORCHARD AVE. CITY WEST**

DRG. TITLE  
**EXISTING SITE SERVICES LAYOUT**

ARCHITECT  
**EMD ARCHITECTS**

SCALE AS SHOWN @A1 FILE REF. 210091-DBFL-CS-SP-DR-C-1310

DRG. NO. **210091-DBFL-CS-SP-DR-C-1310 P01**