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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.
- ON ORIGINAL
1. ALL DIMENSIONS AND LEVELS IN METRES, EXCEPT IF NOTED OTHERWISE.
2. ALL LEVELS TO MAIN HEAD DATUM.
3. CO-ORDINATE SYSTEM IS: IRISH TRANSVERSE MERCATOR.
4. REFER TO ARCHITECT'S PLAN LAYOUTS FOR SITE BOUNDARY / CLIENT OWNERSHIP BOUNDARY / WORKS BOUNDARY.
5. ALL DETAILS SHOWN ARE PRELIMINARY DESIGNS FOR PLANNING ONLY AND ARE SUBJECT TO FURTHER DEVELOPMENT DURING DETAILED DESIGN.
- SURFACE WATER:**
- EXISTING SURFACE WATER DRAINS & CONNECTIONS & WATER SUPPLY TO BE PRESERVED & UTILISED WHERE POSSIBLE.
  - ALL EXTERNAL PRIVATE DRAINS TO BE 150mm DIA. UNLESS NOTED OTHERWISE.
  - FALLS IN DRAINS TO BE 1:120 FOR SURFACE WATER UNLESS NOTED OTHERWISE.
  - ALL PUBLIC SURFACE WATER SEWERS TO BE CONCRETE OR PVC MINIMUM 225mm DIA.
  - MAXIMUM SIZE OF PVC AND TWIN-WALLED PIPES TO BE 375mm. ABOVE THIS CONCRETE PIPES TO BE USED.
  - ALL MAIN SEWERS WITH LESS THAN 1.2m COVER UNDER ROADS AND 0.9m COVER UNDER GRASSED AREAS AND FOOTPATHS TO BE SURROUNDED IN 150mm C20 CONCRETE.
  - PROVIDE MANHOLE COVERS AND A/S WITH ARCHITECTURAL PAVING WHERE REQUIRED. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
  - APPLICANT RESERVES RIGHT TO SUBSTITUTE ALTERNATIVE SIMILAR PRODUCTS "HYDROBRAKE" IF NECESSARY SUBJECT TO SUBMITTIVE DETAILS OF SAME TO LOCAL AUTHORITY ENVIRONMENTAL SERVICES IN ADVANCE.
  - ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH:
    - III SPECIFICATION FOR ROADWORKS
    - GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS
    - RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS
  - ALL COVERS IN PUBLIC AREAS TO BE IS EN 124 D400 UNLESS NOTED OTHERWISE.
  - CE CERTIFICATION TO BE PROVIDED FOR ALL PRODUCTS COVERED BY THE EU CONSTRUCTION PRODUCTS REGULATION (NO.305/2011-CPR)
  - ALL MATERIALS PROPOSED FOR USE ON SITE TO BE APPROVED PRIOR TO ARRIVAL ON SITE.

**LEGEND**

	ROAD EDGE
	FOOTPATH EDGE
	ROAD CENTRELINE
	PROPOSED BUILDING
	PROPOSED BASEMENT
	EXTENSIVE GREEN ROOF
	PERMEABLE PAVING
	PODIUM
	FINISHED FLOOR LEVEL
<b>PROPOSED SERVICES:</b>	
	SS9 CL 99.99 IL 99.99 SURFACE WATER SEWER MANHOLE
	225 1:999 SURFACE WATER SEWER
	150 1:999 SURFACE WATER DRAIN
	150 1:999 FILTER DRAIN ENTRY INVERT LEVEL
	G SURFACE WATER GULLY
	ATTENUATION SYSTEM
	HYDROBRAKE MANHOLE
	PETROL INTERCEPTOR FROM PHASE 1 CONSTRUCTION
<b>PHASE 1 INFRASTRUCTURE:</b>	
	SS9 1:999 SURFACE WATER SEWER
	P1-99 CL 99.99 IL 99.99 SURFACE WATER MANHOLE
<b>EXISTING SERVICES:</b>	
	EX. 225 SW SURFACE WATER SEWER
	EX. SMH CL 99.99 IL 99.99 SURFACE WATER SEWER MANHOLE

P03	15/06/2021	ISSUED FOR PLANNING	DCH	LMCL
P02	26/08/2020	ISSUED FOR PRE-PLANNING	DCH	LMCL
P01	22/05/2020	ISSUED FOR PRE-PLANNING	DCH	LMCL
rev	date	description	by	chkd.
A-		Approved		
B-		Approved with comments		
C-		Do not use		
client approval		issue purpose		
S2 - INFORMATION		PLANNING		
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WATERLOO OFFICE: Suite 10 The Ashurst, Marston Gate, Canada Street, Waterford, X91 W028 PHONE: +353 51 309 500		project ref.		
		MIXED USE DEVELOPMENT-CHADWICKS, SWORDS ROAD, SANTRY.		
		drawing title		
		SURFACE WATER LAYOUT		
		client		
		Dwyer Nolan Developments		
designed by	LMCL	author	DCH	scale
drawing no.	200060-DBFL-SW-ST-DR-C-1011	scale	1:250	sheet size
		revision	A1	
				P03

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