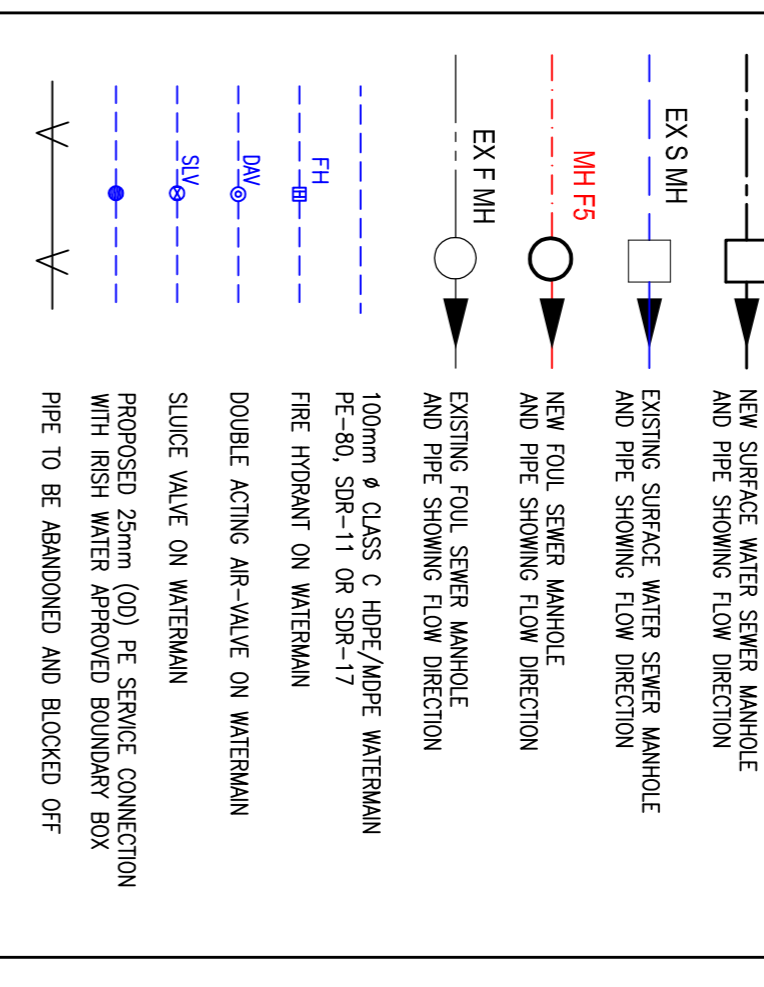


**DRAINAGE NOTES:**

1. THE POSITION OF EXISTING SERVICES INSOFAR AS THEY ARE KNOWN TO THE ENGINEER AND AS SHOWN ON THIS DRAWING MAY NOT BE ACCURATE AND MERELY INDICATE THEIR PRESENCE IN THIS WORKING AREA. SERVICES OTHER THAN THOSE SHOWN MAY ALSO EXIST. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING THE EXACT POSITION OF THESE AND ALL OTHER SERVICES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE ADVISED UP-TO-DATE INFORMATION BEFORE COMMENCING THE WORKS.
2. EXACT LOCATION AND INVERT LEVELS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
3. INTERNAL WATER SERVICE DETAILS TO MAKE DRAWINGS.
4. NEW ACO DRAINS TO DRAIN INTO PERMEABLE DRAINING USING MIN. 1m LONG 100mm DIAMETER PERFORATED PIPE, UNLESS OTHERWISE STATED.
5. ALL EXISTING HARBORING DRAINAGE TO BE MAINTAINED UNLESS NOTED OTHERWISE.

**LEGEND:**



**NOTES:**

ALL BRANCH DRAINS TO BE 100 & PIPES CONNECTING TO MAIN SEWER RIGS (6" S AS SHOWN)

TYPICAL MINIMUM FALLS  
 150 & PIPE AT 1:60  
 150 & PIPE AT 1:100  
 225 & PIPE AT 1:150 MIN 5 W/S  
 225 & PIPE AT 1:170

TYPICAL MINIMUM FALLS TO SURFACE PIPES:  
 100 & PIPE AT 1:100  
 150 & PIPE AT 1:170  
 225 & PIPE AT 1:170

NEW FOUL PIPES UPVC 225# AREA CODE "00", S18  
 EXTERNAL FACE OF MANHOLES MIN. 500 FROM KERB LINE  
 EXTERNAL FACE OF SEWERS MIN. 1000 FROM KERB LINE  
 REF SECTION 3.5.15 OF WASTEWATER CODE OF PRACTICE

**WORKS SEQUENCE NOTES:**

DIVERSION TO BE INSTALLED PRIOR TO ANY FOUNDATION WORKS.  
 LOCATE EX SURFACE WATER IN PUBLIC ROAD AND DETERMINE INVERT PRIOR TO ANY SITE DRAINAGE WORKS.  
 CONCRETE ENCASMENT TO MAIN DRAINS WITH LESS THAN 12M COVER  
 CONCRETE BEDDING TO ALL PERKWORK.

**TENDER**

**THE MCKENNA PEARCE**  
 CONSULTING STRUCTURAL + CIVIL ENGINEERS  
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**SITE SERVICES LAYOUT**

PROJECT NO.	20038	REVISION	C01 A	CHECKED BY	JON
PROJECT TITLE	MCKENNA PEARCE DEVELOPMENT				
CLIENT	MCKENNA PEARCE DEVELOPMENT				
DATE	18-03-21	SCALE	1:150	SHEET	A1