



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 AND ARE RELATED TO ORDNANCE DATUM
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE
4. CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF PAVEMENT LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE
5. ALL SURFACE WATER DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY'S CODE OF PRACTICE FOR DRAINAGE AND THE CSDS
6. ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 6 2004.
7. ALL FOUL DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATER'S CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
8. FOUL SEWERS TO BE THERMOPLASTIC STRUCTURED WALL PIPES (COMPLYING WITH THE PROVISION OF IS EN 15476 AND WS 4-35-01 2000) AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
9. WATERMANS INSTALLATION AND ALL WATER SUPPLY WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER'S CODE OF PRACTICE FOR WATER SUPPLY AND WATER INFRASTRUCTURE STANDARD DETAILS.
10. WATERMANS TO BE TYPE HPE, PE-100, SDR-17 RATED AND SHALL CONFORM TO IS EN 12201 (PART 1, PART 2 & PART 3).
11. WATERMAIN SERVICE CONNECTION PIPES TO BE HDPE (PE-80) MATERIAL WITH SDR-17 RATING.
12. RISING MAIN PIPES AND FITTINGS TO BE POLYETHYLENE PE100 AND SHALL COMPLY WITH IS EN 12201.
13. ANCHOR BLOCKS TO BE POSITIONED AT DEAD ENDS, TEES, BENDS AND AT EACH SIDE OF HYDRANTS AND VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER STANDARD DETAIL STD-W-28 (WATER MAIN THRUST AND SUPPORT BLOCKS).
14. ALL DOMESTIC PROPERTIES TO BE WITHIN 46m FROM A HYDRANT.
15. HYDRANT OUTLET TO BE 200mm BELOW GROUND LEVEL UNLESS REQUESTED OTHERWISE.
16. WHERE COVER TO PIPE IS LESS THAN 900mm IN GREEN AREAS AND 1200mm IN TRAFFICKED AREAS, ENCASE PIPE IN NEW 150mm CONCRETE WITH MOVEMENT JOINTS.

LEGEND

- F1 CL: 76.10 IL: 74.75 PROPOSED FOUL MANHOLE
- .75% 1:100 PROPOSED FOUL SEWER
- FS FS EXISTING FOUL SEWER
- SW SW EXISTING SURFACE WATER SEWER
- WM WM EXISTING WATERMAIN
- SITE OUTLINED RED (0.469ha)
- BASEMENT OUTLINE
- PROPOSED BUILDING

Rev	Date	Issued For	Description	By	CHK
P	02/08/21	ISSUED FOR PLANNING		SM	SJ

PLANNING



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PROJECT
Silver Granite, Palmerstown

CLIENT
Hollyville Investments Ltd.

DRAWING TITLE
Proposed Foul Drainage

dra. by: SM	date: OCT20	scale: 1:200
drawing size: A1	chic: SJ	app: GD
job no: P-2012	chic no: P-2012-C-104	rev: P

- 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 SEWER/SERVICE 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 FRENCH BAGGILL & BEDDING
 - STD-WW-08 CONCRETE BED, HAUNCH & SURROUND TO WASTEWATER PIPES
 - STD-WW-09 BLOCKWORK MANHOLE (<450mm)
 - STD-WW-10 PRE-CAST CONCRETE MANHOLE
 - STD-WW-11 180° STU CONCRETE MANHOLE
 - STD-WW-12 BACKDROP MANHOLES
 - STD-WW-13 PRIVATE SIDE INSPECTION CHAMBER
 - STD-WW-14 BRISTLE BLOCKS FOR RISING MAINS
 - STD-WW-15 SCOUR VALVE CHAMBER (FOUL RISING MAIN <200mm)
 - STD-WW-16 SLUDGE VALVE DETAILS FOR RISING MAIN DUCTILE IRON (D.I) PIPE (<200mm) (SHEET 1 OF 2)
 - STD-WW-17 SLUDGE VALVE DETAILS FOR RISING MAIN POLYETHYLENE (P.E) PIPE (<200mm) (SHEET 2 OF 2)
 - STD-WW-18 AIR VALVE CHAMBER (FOUL RISING MAIN <200mm)
 - STD-WW-19 BUST 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 <200mm)
 - STD-WW-28 INDICATIVE SUBMERSIBLE PUMPING STATION
 - STD-WW-29A INDICATIVE PRE-CAST CONCRETE SUBMERSIBLE PUMPING STATION
 - STD-WW-29B RISING MAIN DISCHARGE MANHOLE
 - STD-WW-30 KIOSK TYPE 1 PUMPING STATION & WET KIOSK (SHEET 1 OF 2)
 - STD-WW-30 KIOSK TYPE 2 + 3 PUMPING STATION & WET KIOSK (SHEET 2 OF 2)
 - STD-WW-32 BARRICADING AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
 - STD-WW-33 LAMP BOLLARD & LAMP STANDARD
 - STD-WW-34 VENT STACK

NOT FOR CONSTRUCTION