

PROPOSED RESIDENT PARKING TO RETAIN EXISTING ROAD SURFACE AND DRAINAGE

STORTECH SC740 GEOCELLULAR STORAGE VOLUME = 45m³
CL = 51.30m AOD
IL = 49.55m AOD
TWL = 50.31m AOD

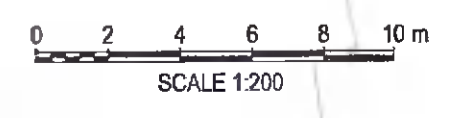
HYDROBRAKE MANHOLE LIMITING FLOWS TO 1l/sec

CLASS 1 NS60003 BYPASS PETROL INTERCEPTOR

CONNECT TO EXISTING SURFACE WATER

FFL 51.300

- 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 TRENCH BACKFILL & BEDDING
 - STD-WW-08 CONCRETE BED, HAUNCH & SURROUND TO WASTEWATER PIPES
 - STD-WW-09 BLOCKWORK MANHOLE ($\le 450\text{mm}$)
 - STD-WW-10 PRE-CAST CONCRETE MANHOLE
 - STD-WW-11 100mm STU CONCRETE MANHOLE
 - STD-WW-12 BLOCKWORK 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 <math>< 200\text{mm}</math>)
 - STD-WW-16 SLICE VALVE DETAILS FOR RISING MAINS DUCTILE IRON (D.I.) PIPE (<math>< 200\text{mm}</math>)(SHEET 1 OF 2)
 - STD-WW-17 SLICE VALVE DETAILS FOR RISING MAIN POLYETHYLENE (P.E.) PIPE (<math>< 200\text{mm}</math>)(SHEET 2 OF 2)
 - STD-WW-18 AIR VALVE CHAMBER (FOUL RISING MAIN <math>< 200\text{mm}</math>)
 - 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 <math>< 200\text{mm}</math>)
 - STD-WW-28 INDICATIVE SUBMERSIBLE PUMPING STATION
 - STD-WW-29 INDICATIVE PRE-CAST CONCRETE SUBMERSIBLE PUMPING STATION
 - STD-WW-30 DISCHARGE MANHOLE
 - STD-WW-31 KIOSK TYPE 1 PUMPING STATION & WET KIOSK (SHEET 1 OF 2)
 - STD-WW-32 KIOSK TYPE 2 + 3 PUMPING STATION & WET KIOSK (SHEET 2 OF 2)
 - STD-WW-33 STANDARD AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
 - STD-WW-34 LAMP BOLLARD & LAMP STANDARD
 - STD-WW-35 GATE STACK



- 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 ORDINANCE 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 GRSDS
 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 13476 AND WS 4-35-01 2000) AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE
 9. WATERMAIN 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 HPPE, 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
- SS.2 CL: 76.02 IL: 75.00 PROPOSED SURFACE WATER MANHOLE
 - 225#01:100 PROPOSED SURFACE WATER SEMER
 - TP1 PROPOSED TREE PIT
 - RWP PROPOSED RAINWATER DOWNPIPE
 - FS PROPOSED FOUL SEWER
 - SW EXISTING SURFACE WATER SEMER
 - WM EXISTING WATERMAIN
 - Red outline SITE OUTLINED RED (0.466ha)
 - Dashed outline BASEMENT OUTLINE
 - Grey outline PROPOSED BUILDING

Rev	Date	Description	By	CHK
P1	20/04/22	ISSUED FOR PLANNING	SM	SJ
P	02/09/21	ISSUED FOR PLANNING	SM	SJ

PLANNING

gdcl
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PROJECT
Silver Granite, Palmerstown

CLIENT
Hollyville Investments Ltd.

DRAWING TITLE
Proposed Surface Water Drainage

des. by: SM	date: OCT'20	scale: 1:200
drawing size: A1	chk: SJ	app: GD
job no: P-2012	des. no: P-2012-C-103	rev: P1

PLEASE REFER TO ARCHITECTS DRAWING 525-001-PL-613 FOR TREE PIT DETAILS

NOT FOR CONSTRUCTION