

- 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 C.O.S.S.
 6. ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 8:2004.
 7. ALL FOUL DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATERS' CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
 8. FOUL SEWERS TO BE THERMOPLASTIC STRUCTURED WALL PIPES (COMPLYING WITH THE PROVISIONS 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 WATERS' 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 300mm IN GREEN AREAS AND 1200mm IN TRAFFICKED AREAS, ENCASE PIPE IN NEW 150mm CONCRETE WITH MOVEMENT JOINTS.

- LEGEND**
- SS2 CL 76.02 IL 75.00 PROPOSED SURFACE WATER MANHOLE
 - 225x90x100 PROPOSED SURFACE WATER SEWER
 - TP1 PROPOSED TREE PIT
 - RWP PROPOSED RAINWATER DOWNPIPE
 - 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	Description	SM	SJ	By	Chk
P	02/09/21	ISSUED FOR PLANNING	SM	SJ		

PLANNING



Scope House, 75 Shelton Street, Covent Garden, London WC2H 9JQ
 Dublin 012 K5PP
 www.gdclconsulting.com

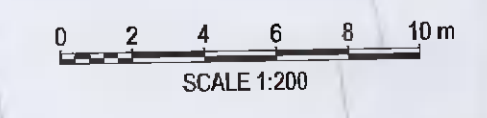
PROJECT
 Silver Granite, Palmerstown

CLIENT
 Hollyville Investments Ltd.

DRAWING TITLE
 Proposed Surface Water Drainage

dm. by: SM	date: OCT20	scale: 1:200
drawing size: A1	chk: SJ	app: GD
job no: P-2012	dra. no: P-2012-C-103	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 TRENCH BACKFILL & BEDDING
 - STD-WW-08 CONCRETE BED, MAUNCH & SURROUND TO WASTEWATER PIPES
 - STD-WW-09 BLOCKWORK MANHOLE (<450mm#)
 - STD-WW-10 PRE-CAST CONCRETE MANHOLE
 - STD-WW-11 100-500 CONCRETE MANHOLE
 - STD-WW-12 BACKDROP MANHOLES
 - STD-WW-13 PRIVATE SIDE INSPECTION CHAMBER
 - STD-WW-14 HYDRANT BLOCKS FOR RISING MAINS
 - STD-WW-15 SCOUR VALVE CHAMBER (FOUL RISING MAIN <200mm#)
 - STD-WW-16 RESURFACE VALVE DETAILS FOR RISING MAINS DUCTILE IRON (D.I) PIPE (<200mm#) (SHEET 1 OF 2)
 - STD-WW-17 RESURFACE VALVE DETAILS FOR RISING MAIN POLYETHYLENE (P.E) PIPE (<200mm#) (SHEET 2 OF 2)
 - STD-WW-18 BAR VALVE CHAMBER (FOUL RISING MAIN <200mm#)
 - STD-WW-19 ISOLATE 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-29 INDICATIVE PRE-CAST CONCRETE SUBMERSIBLE PUMPING STATION
 - STD-WW-30 PRESSING MAIN 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 HARDSTANDING AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
 - STD-WW-34 AMP BOLLARD & LAMP STANDARD
 - STD-WW-35 WET STACK



NOT FOR CONSTRUCTION

