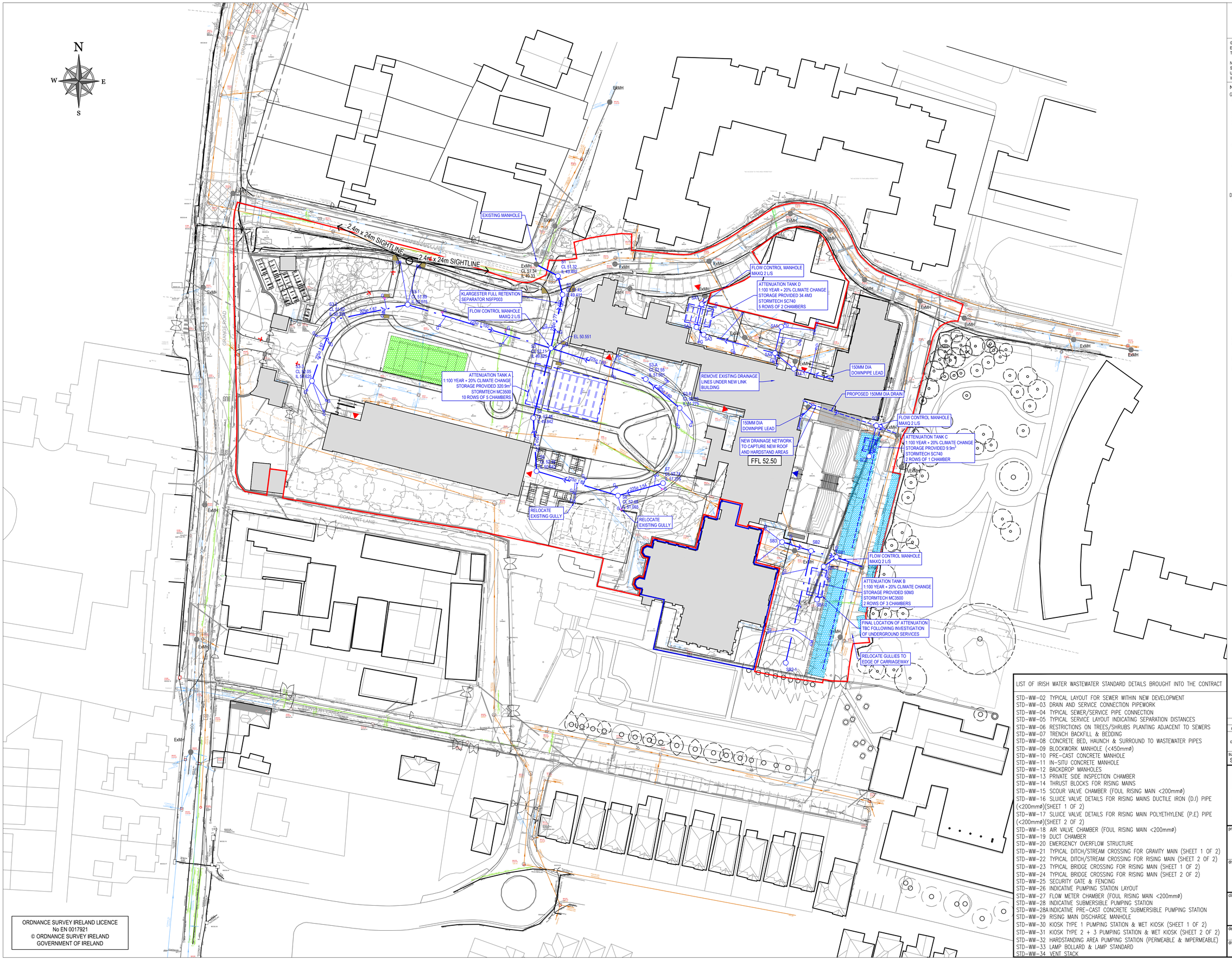

ON ORIGINAL

0 5 10 15 20 25 30 40 50mm

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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.

NOTES:

GENERAL NOTES:

1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
2. ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
3. ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR.
4. ALL LEVELS ARE TO ORDNANCE DATUM (MALIN HEAD).
5. ALL TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT SHALL COMPLY FULLY WITH THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS
6. THE CONTRACTOR MUST LIASE DIRECTLY WITH LOCAL AUTHORITY DEPARTMENTS AS DIRECTED IN THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
7. ALL VEHICULAR & PEDESTRIAN, CYCLE & PRIVATE ACCESS ROUTES WITHIN AND SURROUNDING THE WORKS EXTENTS MUST BE MAINTAINED THROUGHOUT THE WORKS IN ACCORDANCE WITH THE CONTRACTORS APPROVED TEMPORARY TRAFFIC MANAGEMENT PLAN & CONSTRUCTION MANAGEMENT PLAN.

DRAWING SPECIFIC NOTES

1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
2. CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS & THE LOCATION OF EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
3. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS UNLESS NOTED OTHERWISE.
4. MANHOLE COVER LEVELS ARE TO CONFORM WITH FINISHED ROAD AND PATH LEVELS
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 GDSDS
6. ALL FOUL DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATERS' CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
7. FOUL SEWERS TO BE CONCRETE PIPES (SPIGOT AND SOCKET JOINTS AND RUBBER RING FITTINGS COMPLYING WITH IS EN 1916) OR THERMOPLASTIC STRUCTURED WALL PIPES (COMPLYING WITH THE PROVISION OF IS EN 13476 AND WIS 4-35-01 2000) AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE
8. ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 6 2004.
9. SURFACE WATER COLLECTOR DRAINS 150mm DIA.
10. FOUL HOUSE CONNECTIONS TO BE 100mm DIA.
11. CONTRACTOR SHALL INSPECT THE ROUTE & CONFIRM LOCATIONS OF ALL TREES, FEATURES, ENTRANCES & ASPECTS IMPACTING CONSTRUCTION OF THE WORKS
12. NOTE THAT THE CONTRACTOR AND/OR ARCHITECT ARE RESPONSIBLE FOR CONNECTIONS INTO THE BUILDING
13. THIS DRAWING IS BASED ON TOPO SURVEY BY DAVIDSON HICKEY IN OCT 2019 AND APEX SUREYS IN JAN 2020

LEGEND:

- APPLICATION BOUNDARY
- F9 IL 99.99 — PROPOSED FOUL SEWER
- FOUL COLLECTOR
- S9 IL 99.99 — PROPOSED SURFACE WATER DRAINAGE
- SURFACE WATER COLLECTOR
- PROPOSED SURFACE WATER GULLY AND 150ø COLLECTOR PIPE
- PROPOSED GULLY VIA TREE PIT/SUDS FEATURE AND 150ø COLLECTOR PIPE
- ExSW — EXISTING SURFACE WATER
- ExFS — EXISTING FOUL SEWER
- ExCS — EXISTING COMBINED SEWER
- EXISTING FOUL SEWER TO BE DECOMMISIONED
- 1:20 — PROPOSED ROAD GRADIENT
- 57.15 — EXISTING LEVELS
- 57.15 — PROPOSED ROAD LEVEL
- FFL 99.99 — FINISHED FLOOR LEVEL
- PERMEABLE PAVING ASPHALT
- PERMEABLE SURFACE ASPHALT

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 (<450mmø)
STD-WW-10 PRE-CAST CONCRETE MANHOLE
STD-WW-11 IN-SITU CONCRETE MANHOLE
STD-WW-12 BACKDROP 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 <200mmø)
STD-WW-16 SLUICE VALVE DETAILS FOR RISING MAINS DUCTILE IRON (D.I) PIPE (<200mmø)(SHEET 1 OF 2)
STD-WW-17 SLUICE VALVE DETAILS FOR RISING MAIN POLYETHYLENE (P.E) PIPE (<200mmø)(SHEET 2 OF 2)
STD-WW-18 AIR VALVE CHAMBER (FOUL RISING MAIN <200mmø)
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 <200mmø)
STD-WW-28 INDICATIVE SUBMERSIBLE PUMPING STATION
STD-WW-28A INDICATIVE PRE-CAST CONCRETE SUBMERSIBLE PUMPING STATION
STD-WW-29 RISING MAIN DISCHARGE MANHOLE
STD-WW-30 KIOSK TYPE 1 PUMPING STATION & WET KIOSK (SHEET 1 OF 2)
STD-WW-31 KIOSK TYPE 2 + 3 PUMPING STATION & WET KIOSK (SHEET 2 OF 2)
STD-WW-32 HARDSTANDING AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
STD-WW-33 LAMP BOLLARD & LAMP STANDARD
STD-WW-34 VENT STACK

rev	date	description	by	chkd.
client approval		A - Approved B - Approved with comments C - Do not use		

suitability	issue purpose
S2 - INFORMATION	PLANNING

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SURFACE WATER LAYOUT

client

DEPARTMENT OF EDUCATION & SKILLS

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