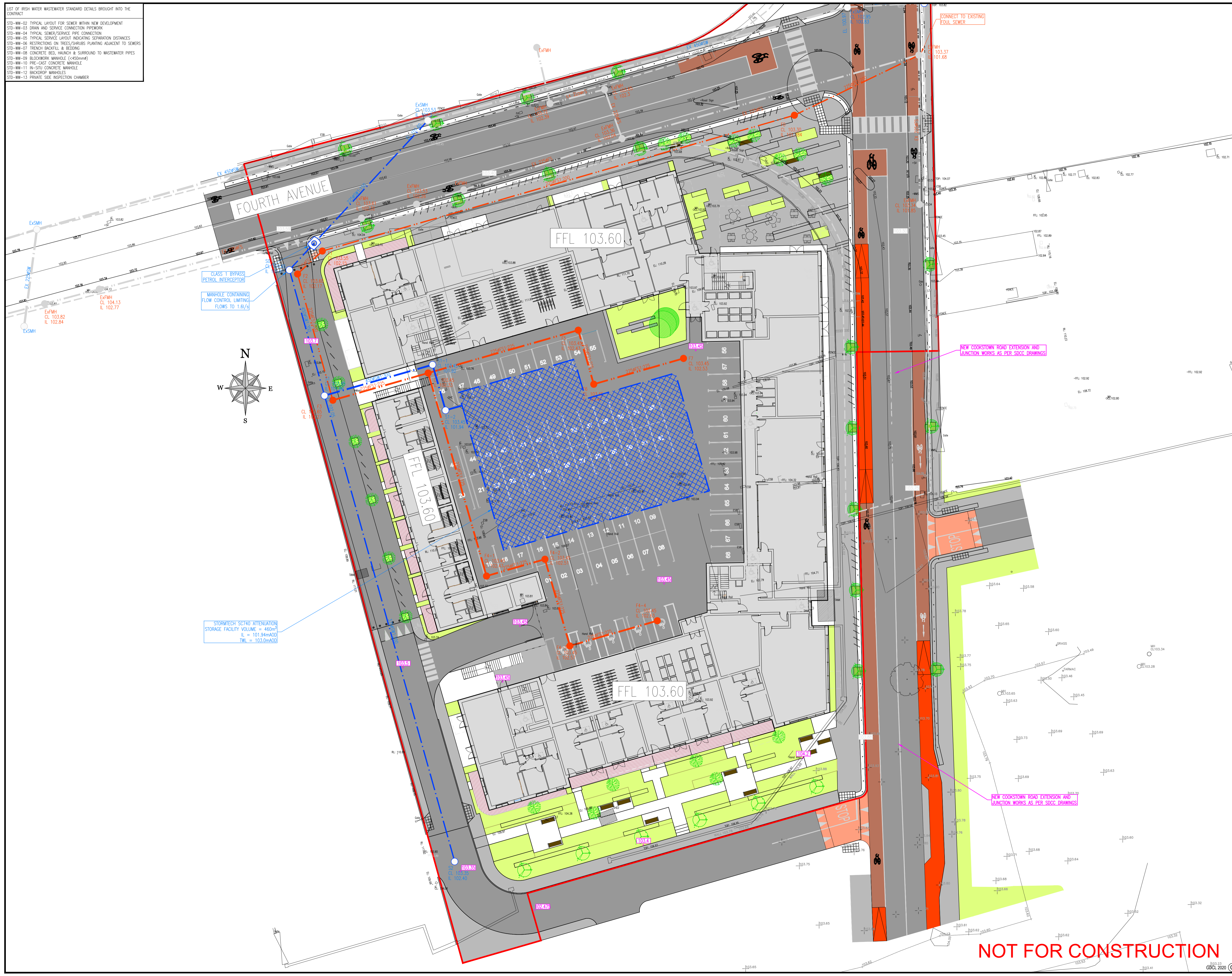


- LIST OF IRISH WATER WASTEWATER STANDARD DETAILS BROUGHT INTO THE CONTRACT
- STD-WW-02 TYPICAL LAYOUT FOR SEWER WITHIN NEW DEVELOPMENT
 - STD-WW-03 DRAIN AND SERVICE CONNECTION PIPEWORK
 - STD-WW-04 TYPICAL SEWER/SERVICE PIPE CONNECTION
 - STD-WW-05 TYPICAL SERVICE LAYOUT INDICATING SEPARATION DISTANCES
 - STD-WW-06 RESTRICTIONS ON TREES/SHRUBS PLANTING ADJACENT TO SEWERS
 - STD-WW-07 TRENCH BACKFILL & BEDDING
 - STD-WW-08 CONCRETE BED, HANDON & SURROUND TO WASTEWATER PIPES
 - STD-WW-09 BLOCKWORK MANHOLE (<450mm)
 - 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



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. CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF PAVEMENT LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE
4. ALL SURFACE WATER DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY'S CODE OF PRACTICE FOR DRAINAGE AND THE GSDS
5. ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 6 2004.
6. ALL FOUL DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATER'S CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
7. FOUL SEWERS TO BE 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. 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
9. WATERMANS TO BE TYPE HPPPE, PE-100, SDR-17 RATED AND SHALL CONFORM TO IS EN 12201 (PART 1, PART 2 & PART 3).
10. WATERMAIN SERVICE CONNECTION PIPES TO BE HDPE (PE-80) MATERIAL WITH SDR-17 RATING
11. 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)
12. HYDRANT OUTLET TO BE 200mm BELOW GROUND LEVEL UNLESS REQUESTED OTHERWISE.
13. 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.
14. RISING MAIN TO BE POLYETHYLENE PIPE AND FITTINGS FOR WASTEWATER SHALL COMPLY WITH THE REQUIREMENTS OF IS EN 12201.

LEGEND

- F4 CL 76.10 IL 74.75 PROPOSED FOUL MANHOLE
- 225x110 PROPOSED FOUL SEWER
- Fwdp PROPOSED FOUL DOWNPIPE WITH RODDING EYE
- 80.30 EXISTING SPOT/ROAD LEVEL
- 80.30 PROPOSED ROAD/SPOT LEVEL
- EXISTING FOUL SEWER
- EXISTING SURFACE WATER SEWER
- EX WATERMAIN EXISTING WATERMAIN
- PROPOSED BUILDING
- PROPOSED ROADWAY
- PROPOSED FOOTPATH

Rev	Date	Description	By	Chk
P5	01/10/20	PLANNING (ABP)	PTC	GD
P4	09/10/19	PLANNING (ABP)	SM	GD
P3	16/09/19	ISSUED TO IRISH WATER	SM	GD
P2	13/09/19	ISSUED TO IRISH WATER	SM	GD
P1	21/08/19	LAYOUT / SCHEME REVISED	PTC	GD
P	05/09/18	REVISED LAYOUT / APPLICATION	PTC	GD

PLANNING

gdcl
CONSULTING ENGINEERS

Scope House, 75 Shelton Street, Covent Garden, London WC2H 9JQ
Dublin D12 K8PP www.gdalayconsulting.com

PROJECT
Cookstown Cross, Fourth Avenue
Cookstown Industrial Estate

CLIENT
Steelworks Property Developments Limited

DRAWING TITLE
Foul Drainage Layout

dm. by: PTC	date: JUL 16	scale: 1:250
drawing size: A1	chk: TM	app: GD
job no: P-1606	drw. no: P-1606-C-110	rev: P5

NOT FOR CONSTRUCTION