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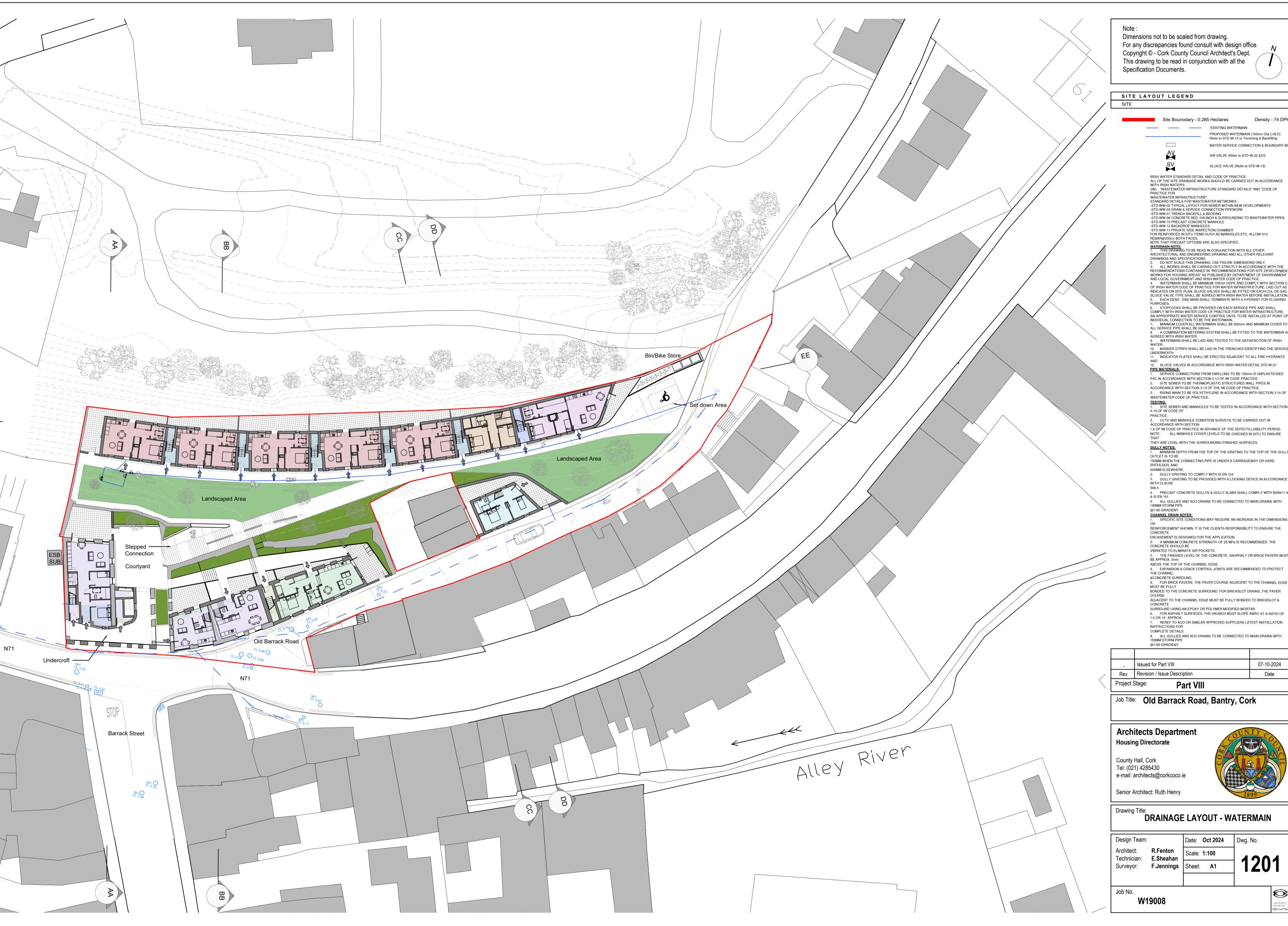
## Cork County Council

Captial Projects- Housing Directorate,

DOCUMENT ISSUE REGISTER					County Hall - Floor 4											
Project Number:	nber: W2019008				Project Architect: S.O'Connor											_
Project Title:	Old Barrack Rd, Bantry, Co Cork			k	Project En		C Gal	vin								
Project Stage:	e: Planning			Project Q.S. :				F Jennings								
Purpose of Issue	!				Issued by	CG					I	T	Т			_
Work in Progress (WIP)		Part 8	х		Day	22					İ	İ				_
Co-ordination		Costing			Month	10										
Information		Tender			Year	24										
Review & Comments		Construction			Format	PDF										
Approval		As Built			Insert pdf, Acad, Model or Paper above											
Distribution					-											_
Company:																
Design Team			Х													_
Main Contractor																
Department of Housing, Planning and Local Governent																

Drawing No.	Drawing Title	Scale	Sheet	Issue	Revisi	on				
W19008_C_1200	Drainage Layout	-	A1	PL						
W19008_C_1201	Watermain Layout		A1	PL						
W19008_C_1202	General details sheet 1		A1	PL						
W19008_C_1203	General details sheet 2		A1	PL						
W19008_C_1204	General details sheet 3		A1	PL						
W19008_CE_001	Engineering Services Report		A4	PL						
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Dimensions not to be scaled from drawing. For any discrepancies found consult with design office. Copyright © - Cork County Council Architect's Dept.

Site Bounodary - 0.285 Hectares

Density - 74 DPH EXISTING WATERMAIN PROPOSED WATERMAIN (100mm Dia U.N.O) Refer to STD-W-13 re Trenching & Backfilling

WATER SERVICE CONNECTION & BOUNDARY BOX AIR VALVE (Refer to STD-W-22 &23) SLUICE VALVE (Refer to STD-W-15)

IRISH WATER STANDARD DETAIL AND CODE OF PRACTICE: ALL OF THE SITE DRAINAGE WORKS SHOULD BE CARRIED OUT IN ACCORDANCE

(IW) "WASTEWATER INFRASTRUCTURE STANDARD DETAILS" AND "CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE".
STANDARD DETAILS FOR WASTEWATER NETWORKS:
-STD-WW-02 TYPICAL LAYOUT FOR SEWER WITHIN NEW DEVELOPMENTS
-STD-WW-03 DRAIN & SERVICE CONNECTION PIPEWORK

WATERMAIN NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER

ARCHITECTURAL AND ENGINEERING DRAWING AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.

DHAWINGS AND SPECIFICATIONS.

2. DO NOT SCALE THIS DRAWING. USE FIGURE DIMENSIONS ONLY.

3. ALL WORKS SHALL BE CARRIED OUT STRICTLY IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN "RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS' AS PUBLISHED BY DEPARTMENT OF ENVIRONMENT AND LOCAL GOVERNMENT AND IRISH WATER CODE OF PRACTICE. 4. WATERMAIN SHALL BE MINIMUM 100mm HDPE AND COMPLY WITH SECTION 3.9
OF IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE. LAID OUT AS

INDICATED ON SITE PLAN, SLUICE VALVES SHALL BE FITTED ON EACH CUL-DE-SAC.
SLUICE VALVE TYPE SHALL BE AGREED WITH IRISH WATER BEFORE INSTALLATION.
5. EACH DEAD - END MAIN SHALL TERMINATE WITH A HYDRANT FOR FLUSHING PURPOSES.
6. STOPCOCKS SHALL BE PROVIDED ON EACH SERVICE PIPE AND SHALL COMPLY WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.

AN APPROPRIATE WATER SERVICE CONTROL UNTIL TO BE INSTALLED AT POINT OF INDIVIDUAL CONNECTION TO BE THE WATERMAIN.

7. MINIMUM COVER ALL WATERMAIN SHALL BE 900mm AND MINIMUM COVER TO

8. A COMBINATION METERING SYSTEM SHALL BE FITTED TO THE WATERMAIN AS AGREED WITH IRISH WATER. 9. WATERMAIN SHALL BE LAID AND TESTED TO THE SATISFACTION OF IRISH 10. MARKER STRIPS SHALL BE LAID IN THE TRENCHES IDENTIFYING THE SERVICE

UNDERNEATH.
11. INDICATOR PLATES SHALL BE ERECTED ADJACENT TO ALL FIRE HYDRANTS AND
12. SLUICE VALVES IN ACCORDANCE WITH IRISH WATER DETAIL STD-W-27.

PIPE MATERIALS:

1. SERVICE CONNECTIONS FROM DWELLING TO BE 100mm Ø UNPLASTICISED PVC IN ACCORDANCE WITH SECTION 3.13 OF IW CODE PRACTICE.

2. SITE SEWER TO BE THERMOPLASTIC STRUCTURED WALL PIPES IN ACCORDANCE WITH SECTION 3.13 OF THE IW CODE OF PRACTICE. 3. RISING MAIN TO BE POLYETHYLENE IN ACCORDANCE WITH SECTION 3.14 OF

TESTING:

1. SITE SEWER AND MANHOLES TO BE TESTED IN ACCORDANCE WITH SECTION 4.10 OF IW CODE OF

2. CCTV AND MANHOLE CONDITION SURVEYS TO BE CARRIED OUT IN ACCORDANCE WITH SECTION

1.9 OF IW CODE OF PRACTICE IN ADVANCE OF THE DEFECTS LIABILITY PERIOD.

NOTE: ALL MANHOLE COVER LEVELS TO BE CHECKED IN SITU TO ENSURE THAT THEY ARE LEVEL WITH THE SURROUNDING FINISHED SURFACES. GULLY NOTES:

1. MINIMUM DEPTH FROM THE TOP OF THE GRATING TO THE TOP OF THE GULLY

750MM WHEN THE CONNECTING PIPE IS UNDER A CARRIAGEWAY OR HARD

3. GULLY GRATING TO BE PROVIDED WITH A LOCKING DEVICE IN ACCORDANCE

4. PRECAST CONCRETE GULLYS & GULLY SLABS SHALL COMPLY WITH BS5911-4 5. ALL GULLIES AND ACO DRAINS TO BE CONNECTED TO MAIN DRAINS WITH

CHANNEL DRAIN NOTES:

1. SPECIFIC SITE CONDITIONS MAY REQUIRE AN INCREASE IN THE DIMENSIONS

REINFORCEMENT SHOWN. IT IS THE CLIENTS RESPONSIBILITY TO ENSURE THE ENCASEMENT IS DESIGNED FOR THE APPLICATION.

2. A MINIMUM CONCRETE STRENGTH OF 25 MPa IS RECOMMENDED. THE CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.

3. THE FINISHED LEVEL OF THE CONCRETE, ASHPHALT OR BRICK PAVERS MUST BE APPROX. 3mm ABOVE THE TOP OF THE CHANNEL EDGE. 4. EXPANSION & CRACK CONTROL JOINTS ARE RECOMMENDED TO PROTECT THE CHANNEL

5. FOR BRICK PAVERS, THE PAVER COURSE ADJACENT TO THE CHANNEL EDGE MUST BE FULLY

BONDED TO THE CONCRETE SURROUND. FOR BRICKSLOT DRAINS, THE PAVER ADJACENT TO THE CHANNEL EDGE MUST BE FULLY BONDED TO BRICKSLOT &

SURROUND USING AN EPOXY OR POLYMER MODIFIED MORTAR. 6. FOR ASPHALT SURFACES, THE HAUNCH MUST SLOPE AWAY AT A RATIO OF 1:4 OR 15° APPROX.

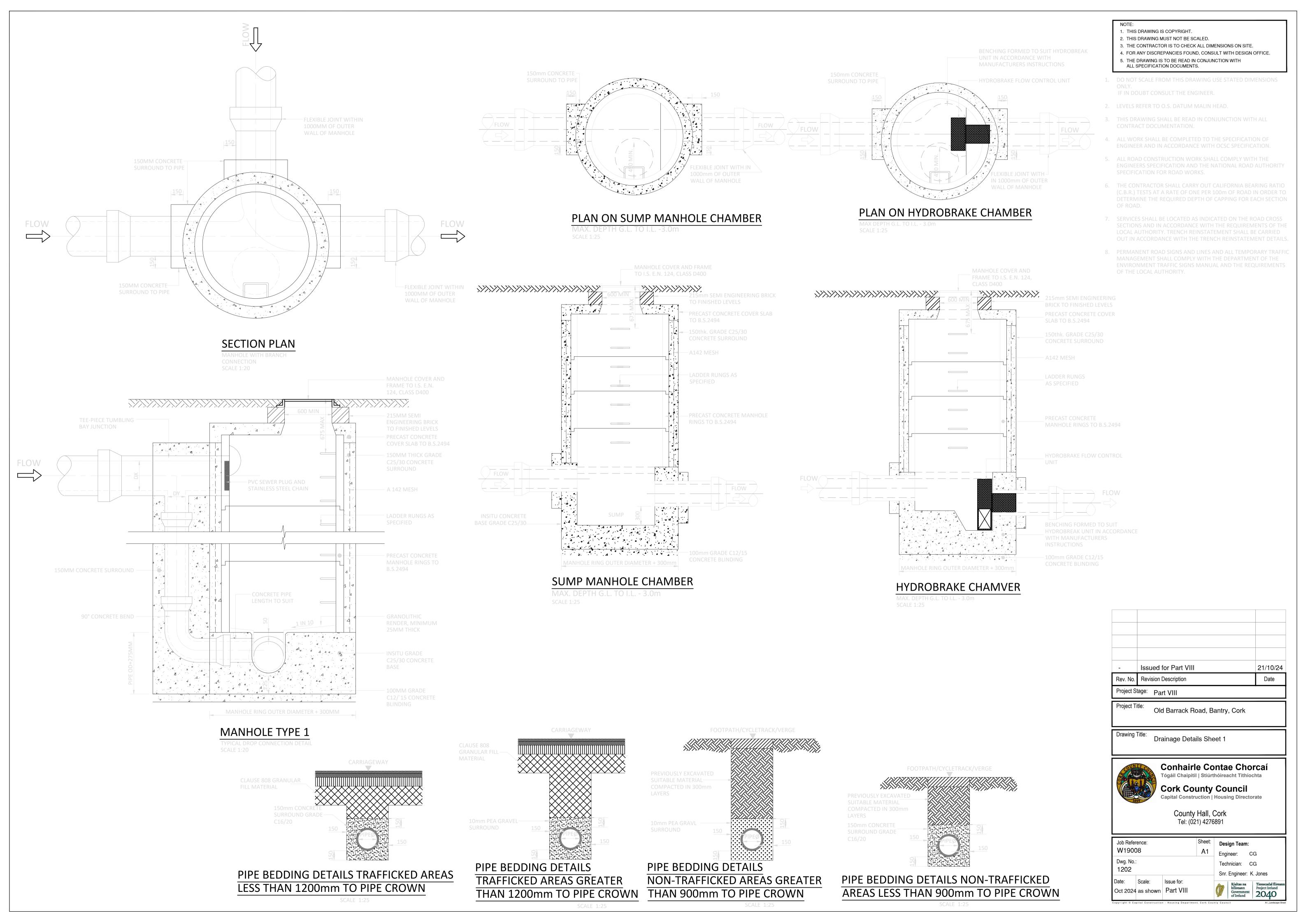
7. REREF TO ACO OR SIMILAR APPROVED SUPPLIERS LATEST INSTALLATION

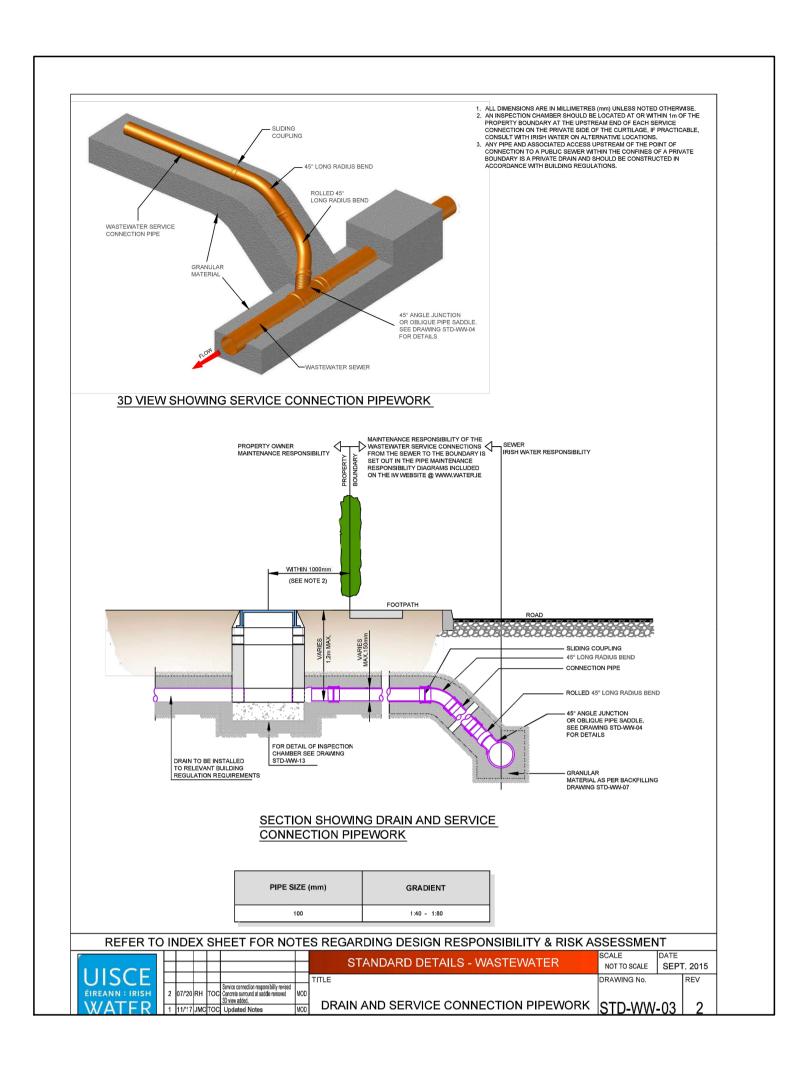
8. ALL GULLIES AND ACO DRAINS TO BE CONNECTED TO MAIN DRAINS WITH 150MM STORM PIPE @1:80 GRADIENT.

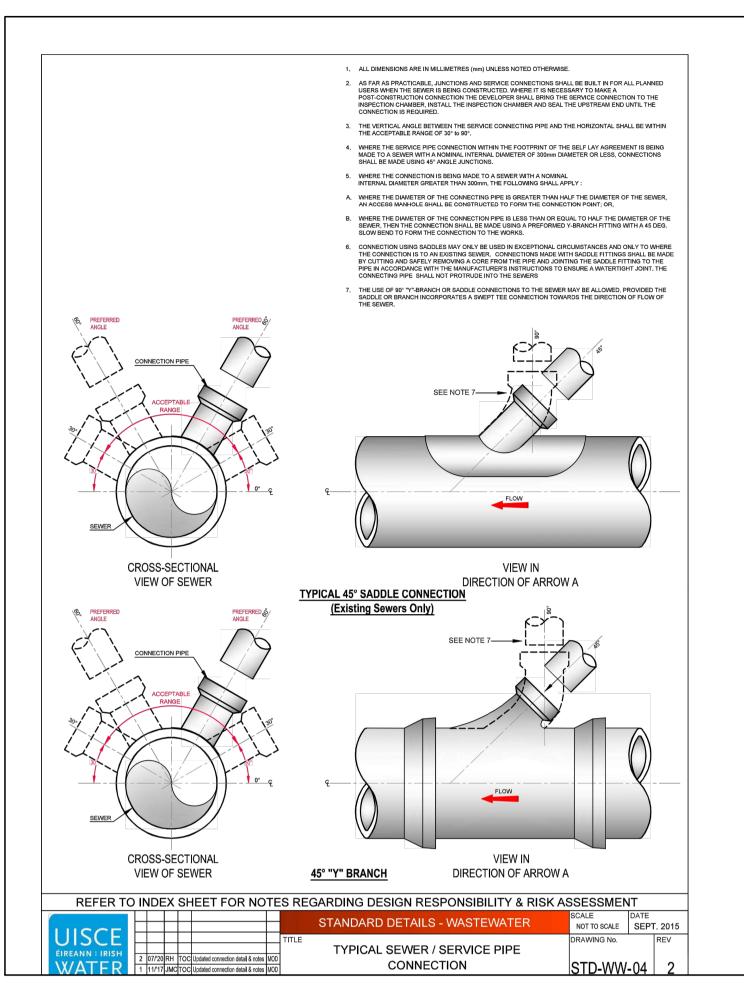
Project S	Stage: Part VIII	
Rev	Date	
ı	Issued for Part VIII	07-10-2024

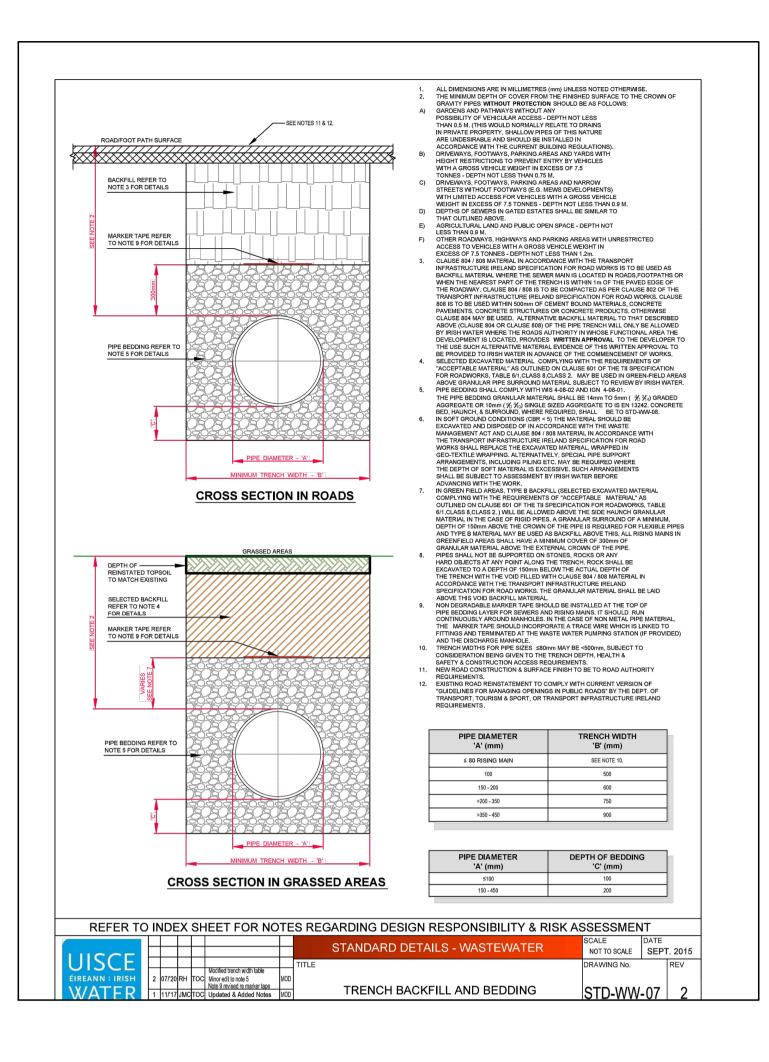
DRAINAGE LAYOUT - WATERMAIN

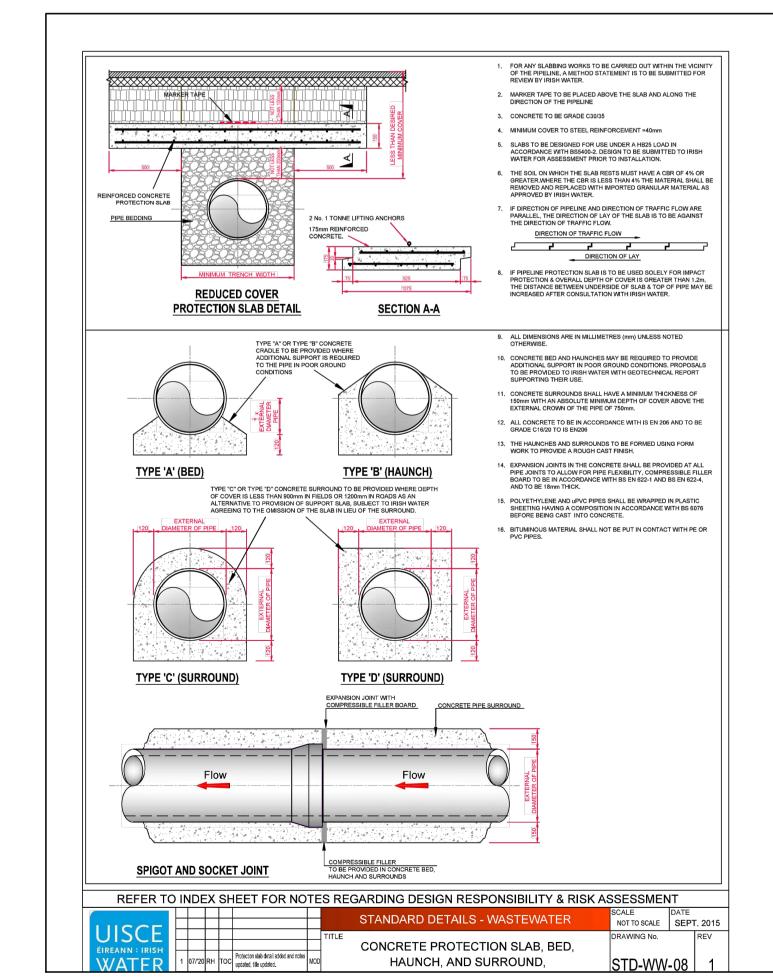
Design Team:		Date:	Oct 2024	Dwg. No.
Architect: Technician:	R.Fenton E.Sheahan	Scale:	1:100	4004
Surveyor:		Sheet:	<b>A</b> 1	] 1201

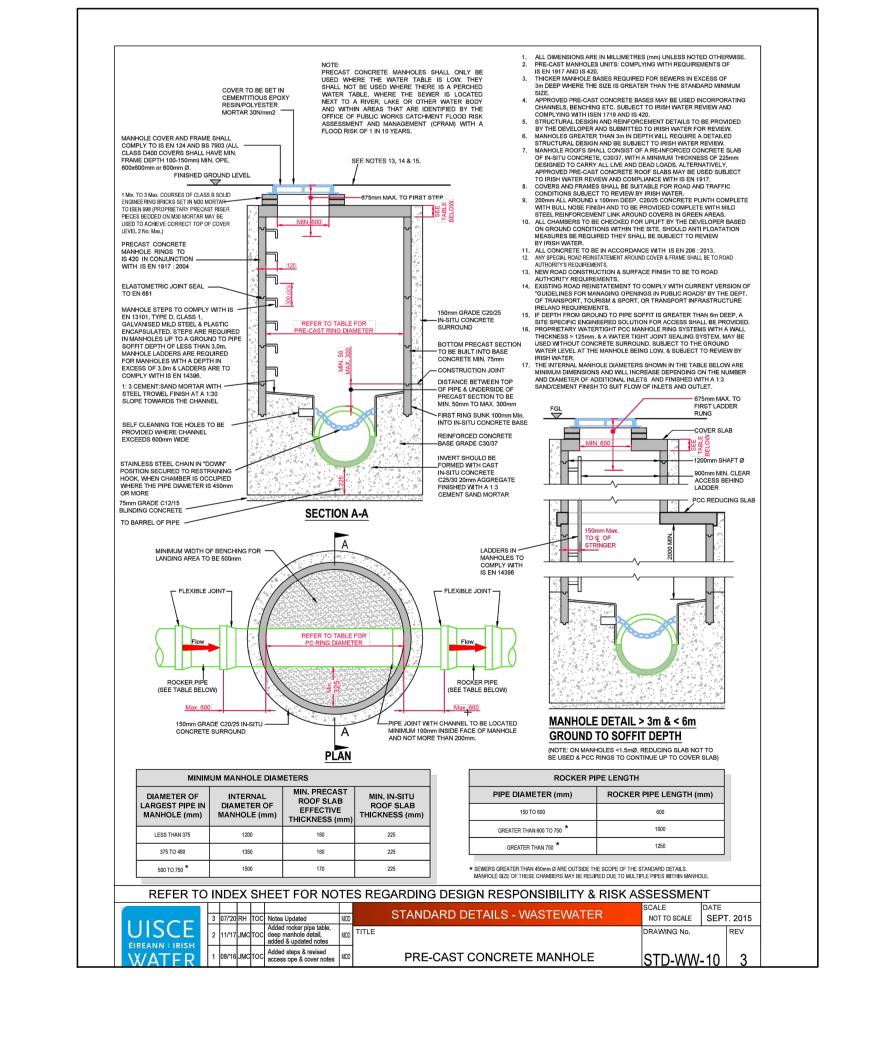


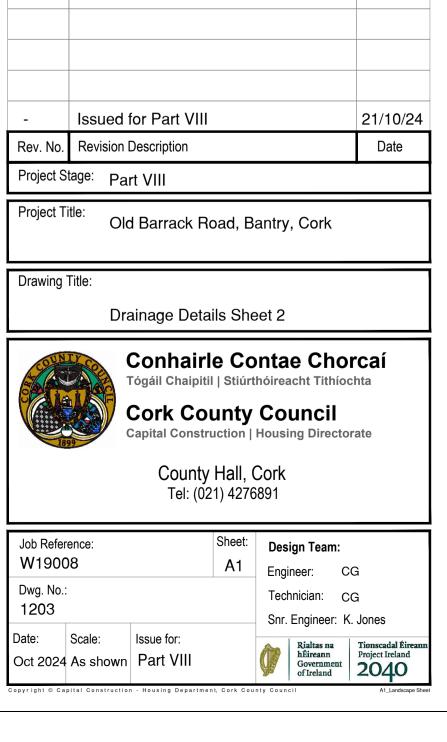












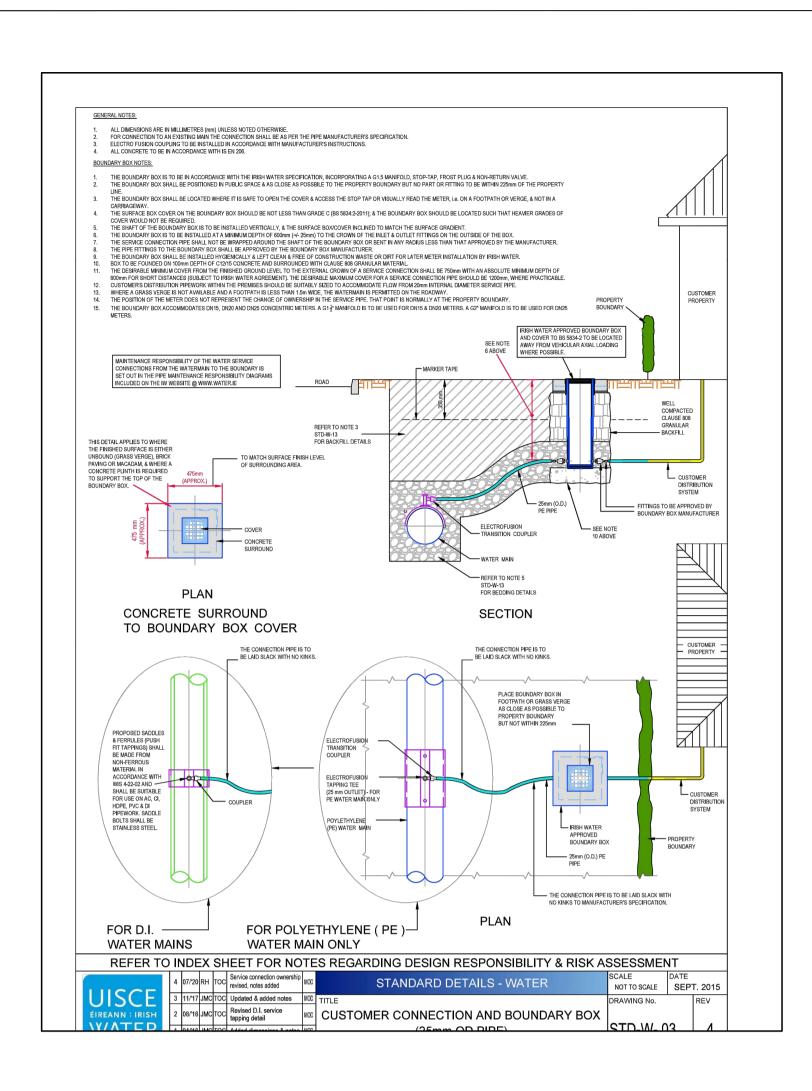
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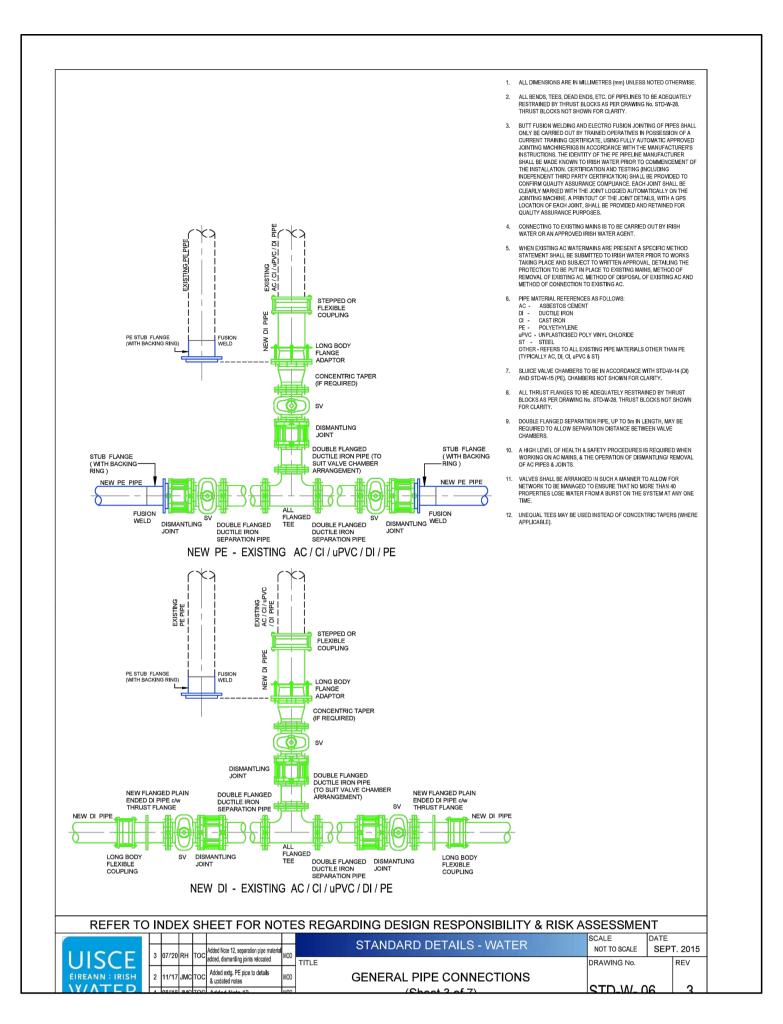
ALL SPECIFICATION DOCUMENTS.

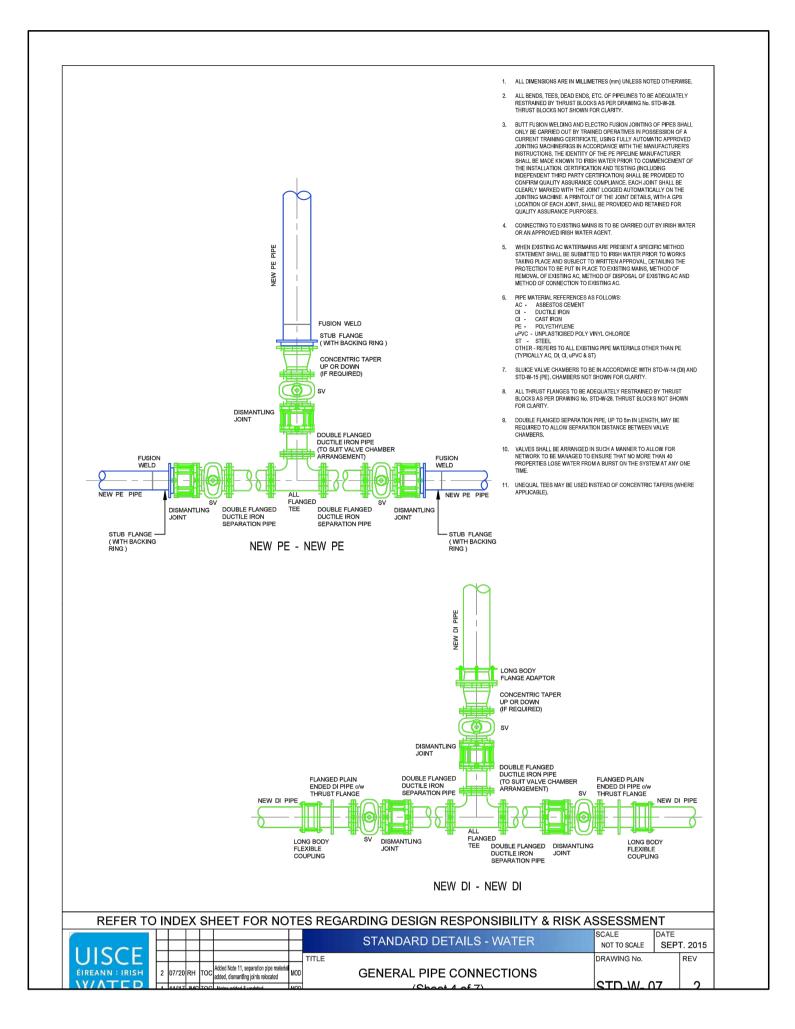
3. THE CONTRACTOR IS TO CHECK ALL DIMENSIONS ON SITE.

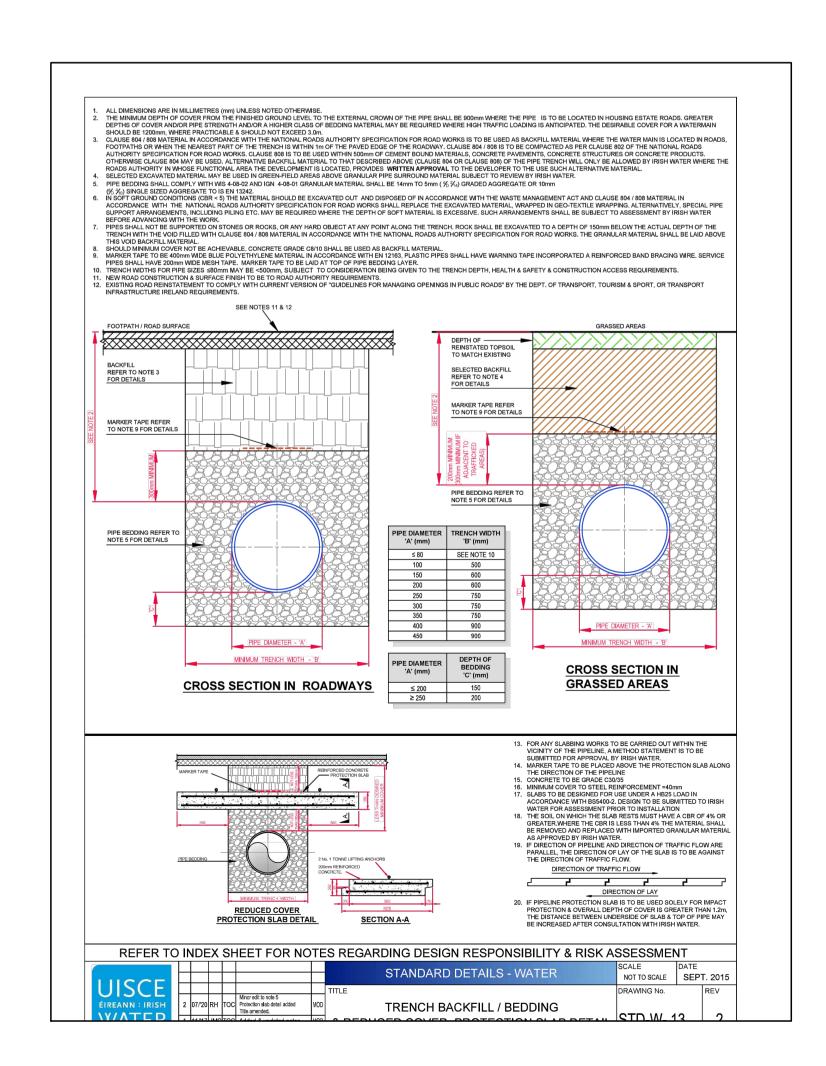
5. THE DRAWING IS TO BE READ IN CONJUNCTION WITH

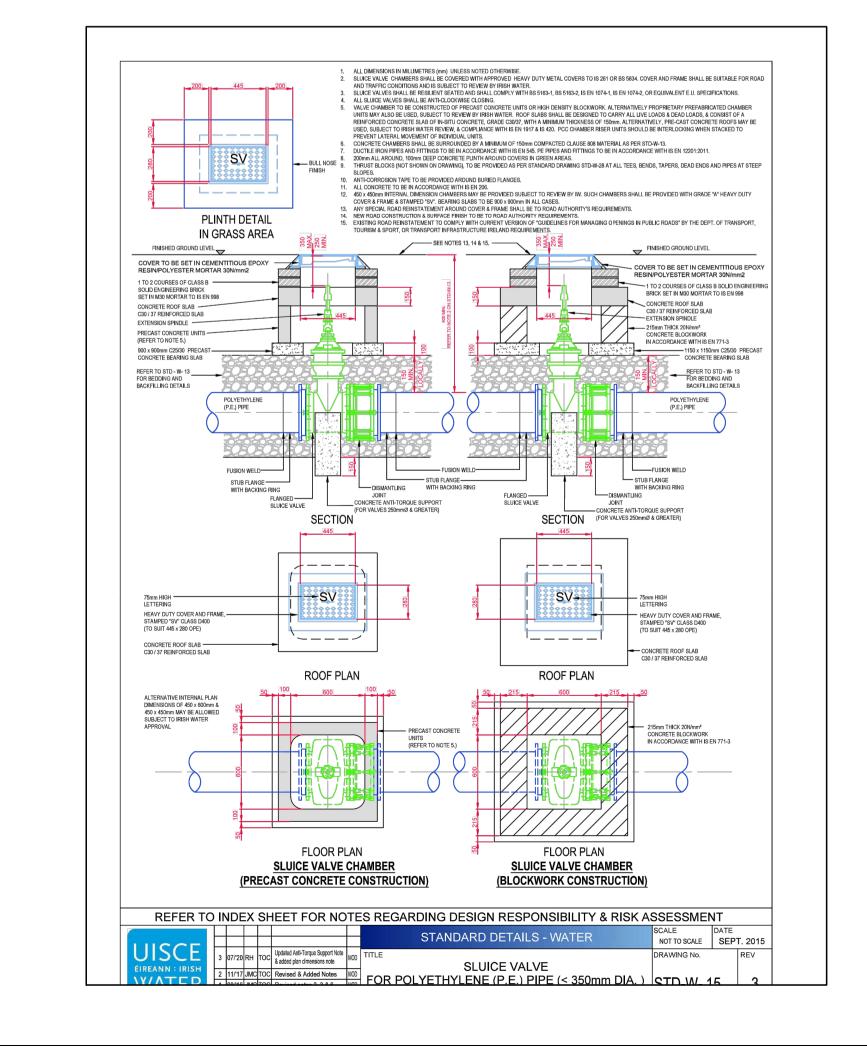
4. FOR ANY DISCREPANCIES FOUND, CONSULT WITH DESIGN OFFICE.

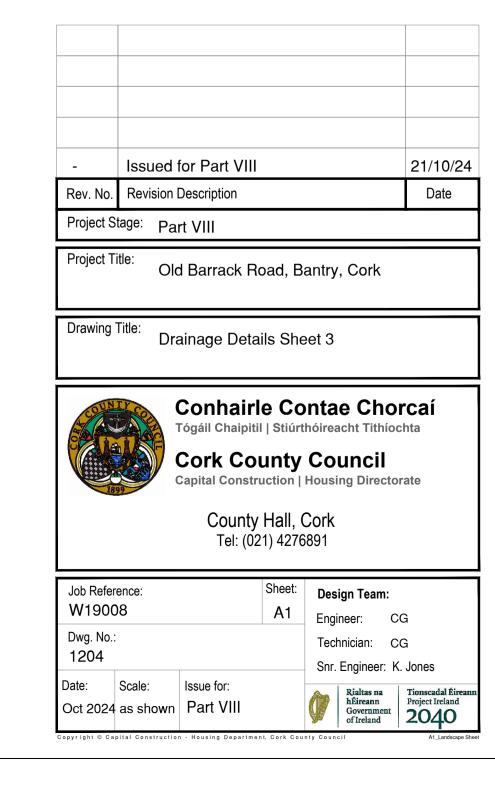












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ALL SPECIFICATION DOCUMENTS.

3. THE CONTRACTOR IS TO CHECK ALL DIMENSIONS ON SITE.4. FOR ANY DISCREPANCIES FOUND, CONSULT WITH DESIGN OFFICE.

5. THE DRAWING IS TO BE READ IN CONJUNCTION WITH