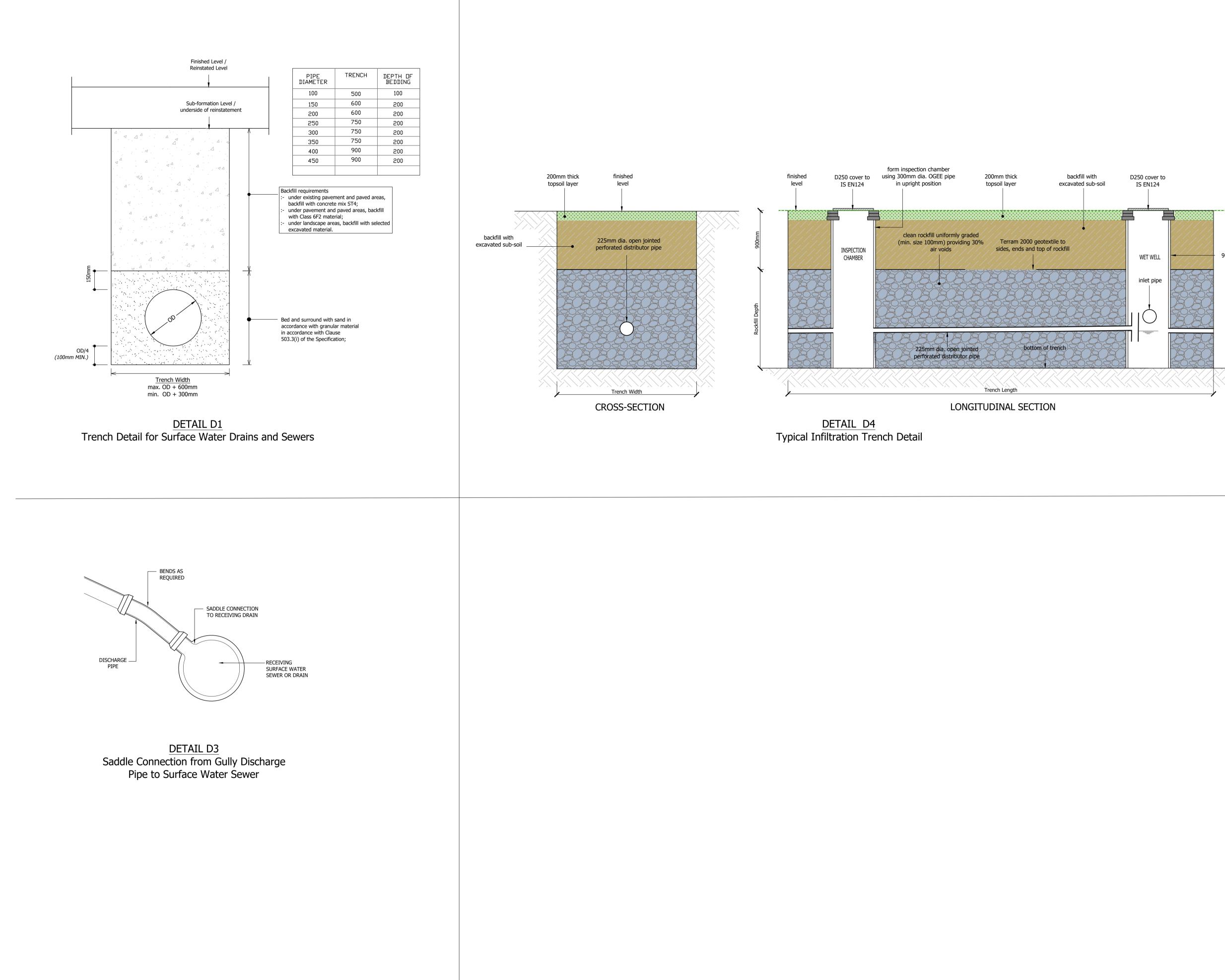


		<b>GE</b> 1. 2. 3. 4.	Verify ex Report a Represe The loca and may may also existence It is the existence the site. with the	xistin any d ntativ ations y not o be co co be co co be co co be co co be co co co be co co c	s shown for existing se be accurate. Furthern present. The Contract services unless prove tractor's responsibility to d precise location of ar works shall be carried ument 'Code of Practic round Services' as pu	ely to the En rvices are in more, uncha or should a n otherwise to determin ny service lo out in strict ce for Avoid	mployer's ndicative only arted services assume the be e the bocated within t accordance ing Danger	
	Surface water drain / sewer and chamber Gully and discharge pipe House drain - surface water Wastewater sewer and chamber House drain - wastewater with 600mm dia. inspection chamber House drain - wastewater with 500mm OD HDPE watermain Sluice valve in accordance with STD-W-15	1. 2. 3. 4. 5. 6. 7. <b>W</b> 1. 2. 3. 4. 7. 8. 9. 9. 10.	Specific Infrastru All surfa accorda Discharg 150mm accorda Chambe 'Code o' publishe Road gu CC-SCE Each ho min.diar in 100. Infiltratic Detail D ASTEWAT Constru Irish Wa Pipes fo applicat accorda of Pract Wastew accorda of Pract Wastew accorda The min other se STD-WV Each ho min.diar in 60. Chambe shall be Private	ecific ation ation acture action acture action acture action acture action acture action acture action acture action acture action acture action acture action acture action acture actu	ation for surface water for Roadworks publis e Ireland. vater drains and sewer with Detail D1. pes from gullies to dra Saddle connection for with Detail D3. b be 1200mm dia. PCC ctice for Chamber and Laois County Council shall be in accordance 510 and CC-SCD-005 to be served by a separ r 100mm dia. and laid enches to be construct of wastewater infrastr Code of Practice for Wa stewater gravity sewer rea code "UD", stiffne with 3.13 of the Irish W drains and sewers to I with Irish Water detail m separation between es shall not be less that or that shown on M&I to be served by a separ r 100mm dia. and laid m separation between es shall not be less that or that shown on M&I to be served by a separ r 100mm dia. and laid m wastewater drains an ccordance with STD-W inspection chambers s W-02, STD-WW-03 an num depth to invert of ert of 1.2m. epth to invert for Access <b>/ INFRASTRUCTURE</b> of water supply infraster code of Practice for	hed by Trainer s to be con- ins and sever discharge c in accorda d Gully Top e with TII D 12. arate drain of to a minimulated in accord ructure to con- stewater In- rs shall be u ss class 8kl vater 'Waster be construct STD-WW-0 wastewater in either that E drawings. arate drain of to a minimulated to a minimulated to a minimulated to a minimulated state drawings. arate drain of to a minimulated to a minimulated be in a d STD-WW-0 wastewater in either that E drawings. arate drain of to a minimulated to a minimulated to a minimulated to a minimulated to a minimulated to a minimulated to a minimulated to a minimulated to a minimulated to a minimulated to a minimulated to a minimu	nsport structed in wers shall be pipes in ance with the Installations' etail of um grade of 1 rdance with omply with the nfrastructure. uPVC pipes N/m <sup>2</sup> in ewater Code ted in 07. r pipes and at shown in of um grade of 1 n public areas accordance /-13 and shall maximum a to be 0.6m. comply with pply ith an SDR-11 Irish water ure'. s and other	
	Boundary box in accordance with STD-W-03		Bounda	ry Bo	to be served by a sepa ox in accordance with s OS mapping reproduced ving is not to be reproduced ission of Kilgallen and Pa	STD-W-03. under licence	e. the written	
	F3 F4 ed level 2.119m 4.046m	_			ISSUED FOR PART 8 DETAILS PLICATION PURPOSES URPOSE.	5 ONLY. N	OT TO BE USED	
build new manhole on existing wastewater sewer invert level of existing wastewater sewer 150mm 14.57m @ 1:60.0 6.51m @ 1:60.0 72 72 72 72 72 72 72 72			CLIENT WATERFORD COUNTY COUNCIL PROJECT RESIDENTIAL DEVELOPMENT AT BALLYTRUCKLE, CO. WATERFORD TITLE DRAINAGE & WATER SUPPLY - GENERAL LAYOUT & LONGITUDINAL SECTIONS					
6.515 - 6.141 -	KILGALLEN & PARTNERS   CONSULTING ENGINEERS   E-mail: Info@Kilgallen.ie, Web: www.kilgallen.ie   KYLEKIPROE UNIT 3   WELL ROAD DANVILLE BUSINESS PARK   PORTLAOISE KILKENNY   T + 353 56 866 2860 + 353 56 777 01090   DRN: DRAWING NO.: REV.:							
		АС СНКД РВ	:	SCAL	22029-C-DR-201 E: 1:500 @ A1	SIZE: A1	PL1 DATE: 23/06/23	



900mm dia. PCC manhole manhole type C in accordance with TII CC-SCD-005006

## **GENERAL** 1. Datum for levels is OS Malin Head.

- 2. Verify existing levels prior to commencement of works. Report any discrepancies immediately to the Employer's Representative.
- 3. The locations shown for existing services are indicative only and may not be accurate. Furthermore, uncharted services may also be present. The Contractor should assume the existence of services unless proven otherwise.
- 4. It is the Contractor's responsibility to determine the existence and precise location of any service located within the site. All works shall be carried out in strict accordance with the document 'Code of Practice for Avoiding Danger from Underground Services' as published by the Health and Safety Authority.

## SURFACE WATER

- 1. The Specification for surface water drainage works shall be Specification for Roadworks published by Transport Infrastructure Ireland.
- 2. All surface water drains and sewers to be constructed in accordance with Detail D1.
- Discharge pipes from gullies to drains and sewers shall be 150mm dia. Saddle connection for discharge pipes in accordance with Detail D3.
- 4. Chambers to be 1200mm dia. PCC in accordance with the 'Code of Practice for Chamber and Gully Top Installations' published by Laois County Council.
- 5. Road gullies shall be in accordance with TII Detail CC-SCD-00510 and CC-SCD-00512.
- Each house to be served by a separate drain of min.diameter 100mm dia. and laid to a minimum grade of 1 in 100.
- 7. Infiltration Trenches to be constructed in accordance with Detail D4.

## WASTEWATER

- 1. Construction of wastewater infrastructure to comply with the Irish Water Code of Practice for Wastewater Infrastructure.
- Pipes for wastewater gravity sewers shall be uPVC pipes application area code "UD", stiffness class 8kN/m<sup>2</sup> in accordance with 3.13 of the Irish Water 'Wastewater Code of Practice'.
- 3. Wastewater drains and sewers to be constructed in accordance with Irish Water detail STD-WW-07.
- 4. The minimum separation between wastewater pipes and other services shall not be less than either that shown in STD-WW-05 or that shown on M&E drawings.
- Each house to be served by a separate drain of min.diameter 100mm dia. and laid to a minimum grade of 1 in 60.
- 8. Chambers on wastewater drains and sewers in public areas shall be in accordance with STD-WW-10.
- Private-side inspection chambers shall be in accordance with STD-WW-02, STD-WW-03 and STD-WW-13 and shall have a minimum depth to invert of 0.5m and a maximum depth to invert of 1.2m.
- 10. Maximum depth to invert for Access Junctions to be 0.6m.

## WATER SUPPLY INFRASTRUCTURE

- 1. Construction of water supply infrastructure to comply with the Irish Water Code of Practice for Water Supply Infrastructure.
- 2. Pipes for watermains shall be HDPE PE-80 with an SDR-11 or SDR-17 rating in accordance with 3.9.2. of Irish water 'Code of Practice for Water Supply Infrastructure'.
- The minimum separation between watermains and other services shall not be less than either that shown in STD-W-11 or that shown on M&E drawings.
- 7. Each house to be served by a separate service main.and Boundary Box in accordance with STD-W-03.

