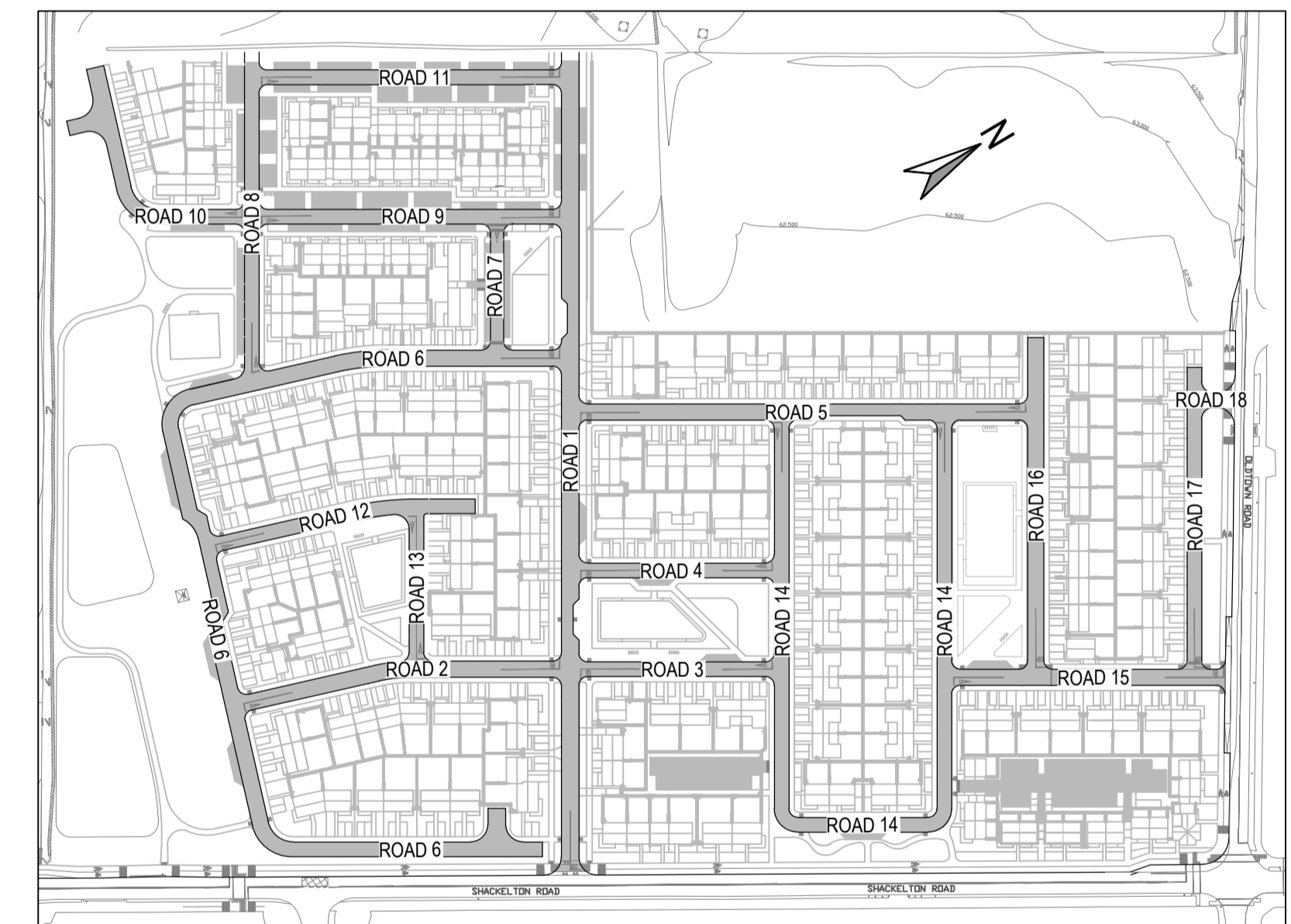


MANHOLE COVER LEVELS APPROX (m)		62.03	62.07	62.17	62.77	62.96	63.23	63.35	63.56	63.60	63.64	63.84	63.88
FOUL WATER SEWER INVERT LEVELS (m)		60.91	61.34	61.34	61.34	61.34	61.34	61.34	61.34	61.34	61.34	61.34	61.34
SURFACE WATER SEWER INVERT LEVELS (m)		61.91	62.07	62.17	62.77	62.96	63.23	63.35	63.56	63.60	63.64	63.84	63.88
Road 1 (H)1:500, (V)1:100													
CHAINAGE ON CENTRELINE (m)		0.000	3.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)		-62.024	-61.940	-62.075	-62.250	-62.350	-62.464	-62.599	-62.674	-62.770	-62.870	-62.920	-62.970
LEVELS ON LEFT HAND CHANNEL (m)		-62.075	-62.180	-62.284	-62.389	-62.494	-62.599	-62.703	-62.764	-62.795	-62.845	-62.895	-62.945
LEVELS ON RIGHT HAND CHANNEL (m)		-62.075	-62.180	-62.284	-62.389	-62.494	-62.599	-62.703	-62.764	-62.795	-62.845	-62.895	-62.945
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	GRADIENT 2.877%	GRADIENT 1.047% (1 in 95.481) LENGTH = 67.658M						GRADIENT 0.500% (1 in 200.000) LENGTH = 207.564M					
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE		STRAIGHT LENGTH = 282.222M											
EXISTING LEVELS (m)		62.000	62.104	62.200	62.250	62.300	62.400	62.500	62.600	62.700	62.800	62.900	63.000

MANHOLE COVER LEVELS APPROX (m)		63.34	63.13	63.18	63.34	63.50	63.50	63.52	63.52
FOUL WATER SEWER INVERT LEVELS (m)		61.34	61.34	61.34	61.34	61.34	61.34	61.34	61.34
SURFACE WATER SEWER INVERT LEVELS (m)		62.34	62.34	62.34	62.34	62.34	62.34	62.34	62.34
Road 2 (H)1:500, (V)1:100									
CHAINAGE ON CENTRELINE (m)		0.000	3.000	10.000	20.000	30.000	40.000	50.000	60.000
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)		-62.813	-62.738	-62.827	-62.954	-63.091	-63.145	-63.207	-63.270
LEVELS ON LEFT HAND CHANNEL (m)		-62.765	-62.891	-63.016	-63.141	-63.266	-63.341	-63.416	-63.491
LEVELS ON RIGHT HAND CHANNEL (m)		-62.765	-62.891	-63.016	-63.141	-63.266	-63.341	-63.416	-63.491
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		GRADIENT 1.268% (1 in 78.883) LENGTH = 72.094M			CURVE R = 100.000 L = 23.576		GRADIENT -0.498% (-1 in 200) LENGTH = 38.419M		
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE		STRAIGHT LENGTH = 43.947M				STRAIGHT LENGTH = 42.990M			
EXISTING LEVELS (m)		62.300	62.176	62.194	62.257	62.346	62.379	62.416	62.428



KEY PLAN
SCALE 1:2000

NOTES:

- NOTE 1: MANHOLE COVER LEVELS ARE APPROXIMATE. ACTUAL COVER LEVELS SHOULD MATCH SURROUNDING FINISHED GROUND LEVELS U.N.O.
- NOTE 2: PIPES WITH LESS COVER THAN:
- 600mm FOR GRASSED AREAS
 - 750mm FOR FOOTPATHS
 - 900mm FOR ROADS NEED TO BE ENCASED IN A MIN. 150mm THK. CONCRETE SURROUND
- NOTE 3: PIPE MATERIALS TO COMPLY WITH SECTION 3.13 OF THE CoP FOR WASTEWATER INFRASTRUCTURE DOCUMENT IW-CS-5030-03

- REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & ENGINEER'S DRAWINGS AND SPECIFICATIONS.
- USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
- REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND MANHOLE INFORMATION
- ALL EXISTING SURFACES TO BE REINSTATED FOLLOWING DIVERSION OF SERVICES/CONSTRUCTION OF NEW SERVICES
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION
- CONTRACTOR TO ENSURE ALL WATER & WASTEWATER RELATED WORKS ARE IN ACCORDANCE WITH THE IRISH WATER WATER INFRASTRUCTURE & WASTEWATER INFRASTRUCTURE CODE OF PRACTICE & STANDARD DETAILS DOCUMENTS
- TESTING OF ALL GRAVITY SEWERS AND MANHOLES TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE SECTION 4.10 TESTING OF GRAVITY SEWERS & MANHOLES

PLANNING ISSUE

S2.P01	ISSUED FOR PLANNING	11.12.2018	KD	AL
Rev.	Note	Date	Drawn	Check
 DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS UNIT 5C ELM HOUSE MILLENNIUM PARK NAAS CO. KILDARE				
Client:		O'FLYNN CONSTRUCTION CO. UNLIMITED COMPANY		
Project:		OLDTOWN ROAD, CELBRIDGE		
Drawing Title: PROPOSED ROAD LONG SECS WITH SW & FOUL DRAINAGE SH1				
Drawn By:	Checked By:	Approved By:	Date:	Scale:
KD	AL	AL	NOV 18	(H)1:500, (V)1:100
Project Number:	Drawing Number:	Status Code:	Rev Number:	
DOBA1704	OLDCEL-DOB- 00-SI- DR-C-0150	S2	P01	