



- NOTES:**
1. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specifications
  2. Existing levels shown thus: 100.35
  3. Proposed levels shown thus: +102.25
  4. Existing surface water sewer shown thus:
  5. Proposed surface water sewer shown thus:
  6. Surface Water Layout contained on Drawings 12021\_206, 12021\_207 & 12021\_211.

REFER TO DRAWING 12021\_206 FOR DETAILS

MATCH LINE



**MANHOLE & PIPELINE SCHEDULE - 11**

MH NO	COVER LEVEL	INVERT LEVEL	DEPTH	FALL	CHAINAGE	PIPE & GRADIENT
S26	104.00	102.40	1.60	0.55	52	225@ 1/95
S27	104.25	101.85	2.40	0.55	53	225@ 1/100
S28	103.50	101.30	2.20	0.50	55	300@ 1/110 TO 100.70
S37	102.50	100.60	1.90			

**MANHOLE & PIPELINE SCHEDULE - 12**

MH NO	COVER LEVEL	INVERT LEVEL	DEPTH	FALL	CHAINAGE	PIPE & GRADIENT
S29	104.85	103.25	1.60	0.68	68	225@ 1/100
S30	104.25	102.57	1.68	0.08	8	225@ 1/100
S31	104.10	102.49	1.61	0.59	58	225@ 1/100
S32	103.50	101.90	1.60	0.30	32	300@ 1/100
S33	103.75	101.60	2.15	0.25	35	300@ 1/140
S34	103.50	101.35	2.15	0.25	39	300@ 1/150
S35	103.10	101.10	2.00	0.25	40	375@ 1/160
S36	102.85	100.85	2.00	0.25	40	375@ 1/160
S37	102.50	100.60	1.90	0.30	56	450@ 1/185
S38	102.30	100.30	2.00	0.30	43	450@ 1/140
S39	102.00	100.00	2.00	0.34	42	450@ 1/125
S40	101.80	99.66	2.14	0.22	28	450@ 1/125
S41	101.60	99.44	2.16	0.33	28	450@ 1/85 TO 99.11
S42	101.40	96.82	4.58			

**MANHOLE & PIPELINE SCHEDULE - 10**

MH NO	COVER LEVEL	INVERT LEVEL	DEPTH	FALL	CHAINAGE	PIPE & GRADIENT
S23	104.75	103.10	1.65	0.50	43	225@ 1/85
S24	104.125	102.60	1.525	0.67	45	225@ 1/70
S25	103.50	101.93	1.57	0.33	15	225@ 1/45 TO 101.60
F28	103.50	101.30	2.20			

**MANHOLE & PIPELINE SCHEDULE - 09**

MH NO	COVER LEVEL	INVERT LEVEL	DEPTH	FALL	CHAINAGE	PIPE & GRADIENT
S16	105.00	103.40	1.60	1.16	58	225@ 1/50
S17	103.85	102.24	1.61	1.26	51	225@ 1/40
S20	102.70	100.98	1.72			

**MANHOLE & PIPELINE SCHEDULE - 08**

MH NO	COVER LEVEL	INVERT LEVEL	DEPTH	FALL	CHAINAGE	PIPE & GRADIENT
S18	103.40	101.60	1.80	0.30	32	225@ 1/105
S19	103.05	101.30	1.75	0.32	31	225@ 1/100
S20	102.70	100.98	1.72	0.30	30	300@ 1/100
S21	102.35	100.68	1.67	0.13	13	300@ 1/100
S22	102.25	100.55	1.70	0.50	52	300@ 1/100 AT 100.05
S40	101.80	99.66	2.14	0.22	28	450@ 1/125
S41	101.60	99.44	2.16	0.33	28	450@ 1/85 TO 99.11
S42	101.40	96.82	4.58			

**PROPOSED SURFACE WATER LAYOUT (SHEET 2 OF 2)**  
SCALE 1:500 AT A1

P	ISSUED FOR PLANNING (ABP)	27/08/2018
REV	DESCRIPTION	DATE

**Donnelly Troy & Associates**  
CONSULTING STRUCTURAL & CIVIL ENGINEERS  
First Floor  
Richmond House  
Richmond Road  
Fairview, Dublin 3. Telephone: 8532223  
Fax: 8532224  
info@donnelly-troy.com

ARCHITECT  
JFOC ARCHITECTS  
11A GREENMOUNT HOUSE,  
HAROLDS CROSS, DUBLIN 6w.

PROJECT  
PROPOSED RESIDENTIAL DEVELOPMENT  
AT BALLYMANY, CO. KILDARE  
FOR GLAN DEVELOPMENTS

DRG. TITLE  
PROPOSED SURFACE WATER LAYOUT  
SHEET 2/2

drawn by	JJ	scales	1:500 @ A1
checked by	S.C.	date	MAY '18
JOB No.	12021	DRG. No.	207
		REV.	P