

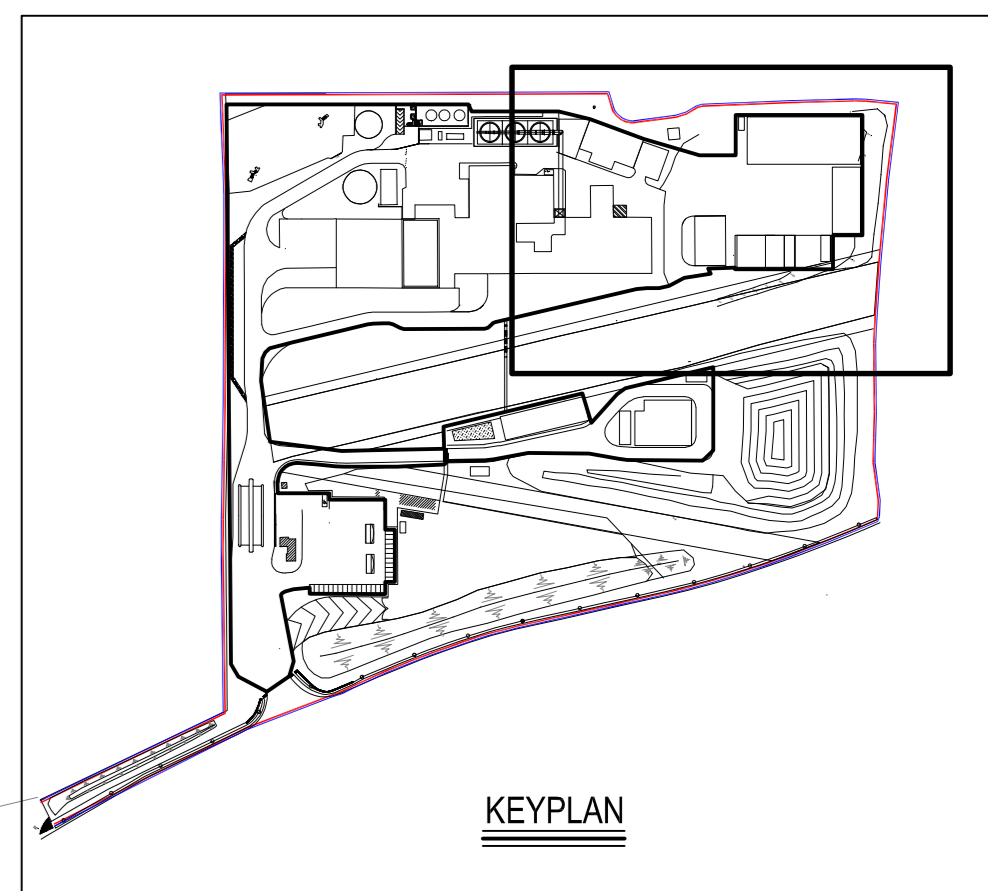
**NOTES**

- FOR STANDARD NOTES REFER TO DRAWING NO. 29043/CD01
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, SERVICES & M&E DRAWINGS.
  - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED. LEVELS ARE STRUCTURAL LEVELS IN METRES TO ORDNANCE DATUM. THIS DRAWING MUST NOT BE SCALED.
- DENOTES EXTENT OF CURRENT PLANNING APPLICATION
  - DENOTES NEW BERM AND LANDSCAPING
  - DENOTES EXISTING WAYLEAVE
  - SITE BOUNDARY

- DRAINAGE LEGEND**
- EXISTING FOUL WATER LINE
  - PROPOSED FOUL WATER LINE
  - EXISTING SURFACE WATER LINE
  - PROPOSED SURFACE WATER LINE
  - PROPOSED DEAN WATER SUPPLY LINE TO HQ
  - PROPOSED DEAN WATER REJECT LINE FROM HQ
  - PROPOSED NEW GAS LINE FROM HQ
  - PROPOSED 10 KV CABLE TO HQ

- Final Notes:**
- The location of all existing services shall be confirmed prior to any excavation.
  - Proposed foul water drainage pipework shall be Wavin UPVC pipework and fittings.
  - Proposed foul water drainage designed to achieve a minimum self-cleaning velocity of 0.75m/s.
  - All manhole covers shall be ductile iron silt top covers least class D400 to BS EN 124.
  - Access Junctions shall be Wavin 150mm Ø AJ with B125 ductile iron cover and shall be located in pedestrian areas only.
- Surface Water Drain Notes:**
- Proposed surface water drainage designed to achieve a minimum self-cleaning velocity of 1.0m/s.
  - Proposed drainage pipework shall be JFC Twp Composite pipework and fittings.
  - All manhole covers shall be ductile iron silt top covers least class D400 to BS EN 124.
  - The flow control device shall be a Hydroline Optimum vortex flow control HRC Technology.
  - Catch Basins 6, 5, 6, 5, 6 for 30% return period storm.
  - Design head = 2.0m.
  - All drainage channels in paved areas shall be ACC drainage channel and grating least class D400 with serrated end and all surface water must drain to the collector and shall be to end of the head of each channel.
  - Grating shall be to a maximum area of 200m<sup>2</sup>. Grating shall be able to achieve a minimum wet area of 7500m<sup>2</sup>.

MANHOLE REF.	INVERT LEVEL	COVER LEVEL
SWMH101	28.620	28.750
SWMH102	28.750	28.850
SWMH103	28.850	28.950
SWMH104	28.950	29.050
SWMH105	29.050	29.150
SWMH106	29.150	29.250
SWMH107	29.250	29.350
SWMH108	29.350	29.450
SWMH109	29.450	29.550
SWMH110	29.550	29.650
SWMH111	29.650	29.750
SWMH112	29.750	29.850
SWMH113	29.850	29.950
SWMH114	29.950	30.050
SWMH115	30.050	30.150
SWMH116	30.150	30.250
SWMH117	30.250	30.350
SWMH118	30.350	30.450
SWMH119	30.450	30.550
SWMH120	30.550	30.650
SWMH121	30.650	30.750
SWMH122	30.750	30.850
SWMH123	30.850	30.950
SWMH124	30.950	31.050
SWMH125	31.050	31.150
SWMH126	31.150	31.250
SWMH127	31.250	31.350
SWMH128	31.350	31.450
SWMH129	31.450	31.550
SWMH130	31.550	31.650
SWMH131	31.650	31.750



REV.	DESCRIPTION	BY	APPR.	DATE
F	ISSUED FOR PLANNING	JMD	JMD	18/09/20
E	REVISED AND ISSUED FOR PLANNING	JMD	JMD	02/10/20
D	CANOPY REVISED AND ISSUED FOR PLANNING	JMD	JMD	05/10/20
C	ISSUED FOR PLANNING	AD	NK	16/03/20
B	SURFACE WATER DRAINAGE REVISED	RN	NK	28/11/19
A	ISSUED FOR COMMENTS	VC	JMD	22/11/19

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CLIENT: **INDAVER**  
 INDAVER IRELAND  
 100,000 TONNE  
 100,000 TONNE  
 100,000 TONNE

PROJECT: **SITE SUSTAINABILITY PROJECT**

TITLE: **PROPOSED DRAINAGE LAYOUT SHEET 2 OF 5**

DESIGNED:	CHECKED:	APPROV:
JMD	JMD	NK
DRAWN:	DATE:	SCALE:
RN	28.11.19	1:200 @ A0
ORIGINAL:	29043/CD/015	REV: F

