



PROPOSED SURFACE WATER PUMPING STATION A
 INTERNAL WET WELL DIMENSION 3900 x 3900mm
 WET WELL INVERT LEVEL = -2.29m OD MALIN
 3 No. SUBMERSIBLE PUMPS IN DUTY-ASSIST-ASSIST ARRANGEMENT
 TOTAL DESIGN FLOW = 525 l/s
 TOTAL RATED POWER = 66 kW
 REFER TO DRG MOR-6001 FOR FURTHER DETAILS

PROPOSED SURFACE WATER PUMPING STATION B
 INTERNAL WET WELL DIMENSION 2400mm DIAMETER
 WET WELL INVERT LEVEL = -1.64m OD MALIN
 2 No. SUBMERSIBLE PUMPS IN DUTY-ASSIST ARRANGEMENT
 TOTAL DESIGN FLOW = 125 l/s
 TOTAL RATED POWER = 18 kW
 REFER TO DRG MOR-6002 FOR FURTHER DETAILS

- LEGEND:**
- EXISTING SURFACE WATER DRAINAGE
 - PROPOSED SURFACE WATER DRAINAGE
 - - - PROPOSED SURFACE WATER OVERFLOW DRAINAGE
 - PROPOSED SURFACE WATER OVERFLOW MANHOLE
 - PROPOSED FOUL DRAINAGE
 - PROPOSED RISING MAIN
 - ⊠ PROPOSED PUMPING STATION CONTROL KIOSK LOCATION
 - PS PROPOSED SURFACE WATER OVERFLOW PUMPING STATION (UNDERGROUND)
 - PROPOSED SURFACE WATER GULLY
 - - - PROPOSED SURFACE WATER DRAINAGE CHANNEL
 - SITE BOUNDARY

- Notes:**
1. Proposed back of wall drainage not shown for clarity.
 2. Locations of proposed non-return valves are not exhaustive.
 3. Proposed gully locations indicated are subject to detailed design.

P02	11/07/19	SOF	AL	KL
Revised for RFI				
P01	12/12/18	SOF	AL	KL
Planning Issue				
Rev	Date	By	Chkd	Appd

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Client
 Cork City Council
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Project Title
 Morrison's Island Public Realm
 and Flood Defence Project

Drawing Title
 Proposed Drainage Layout

Scale at A1	1:500
Role	Civil Infrastructure
Suitability	Planning
Arup Job No	230436-00
Name	MOR-6000
Rev	P02