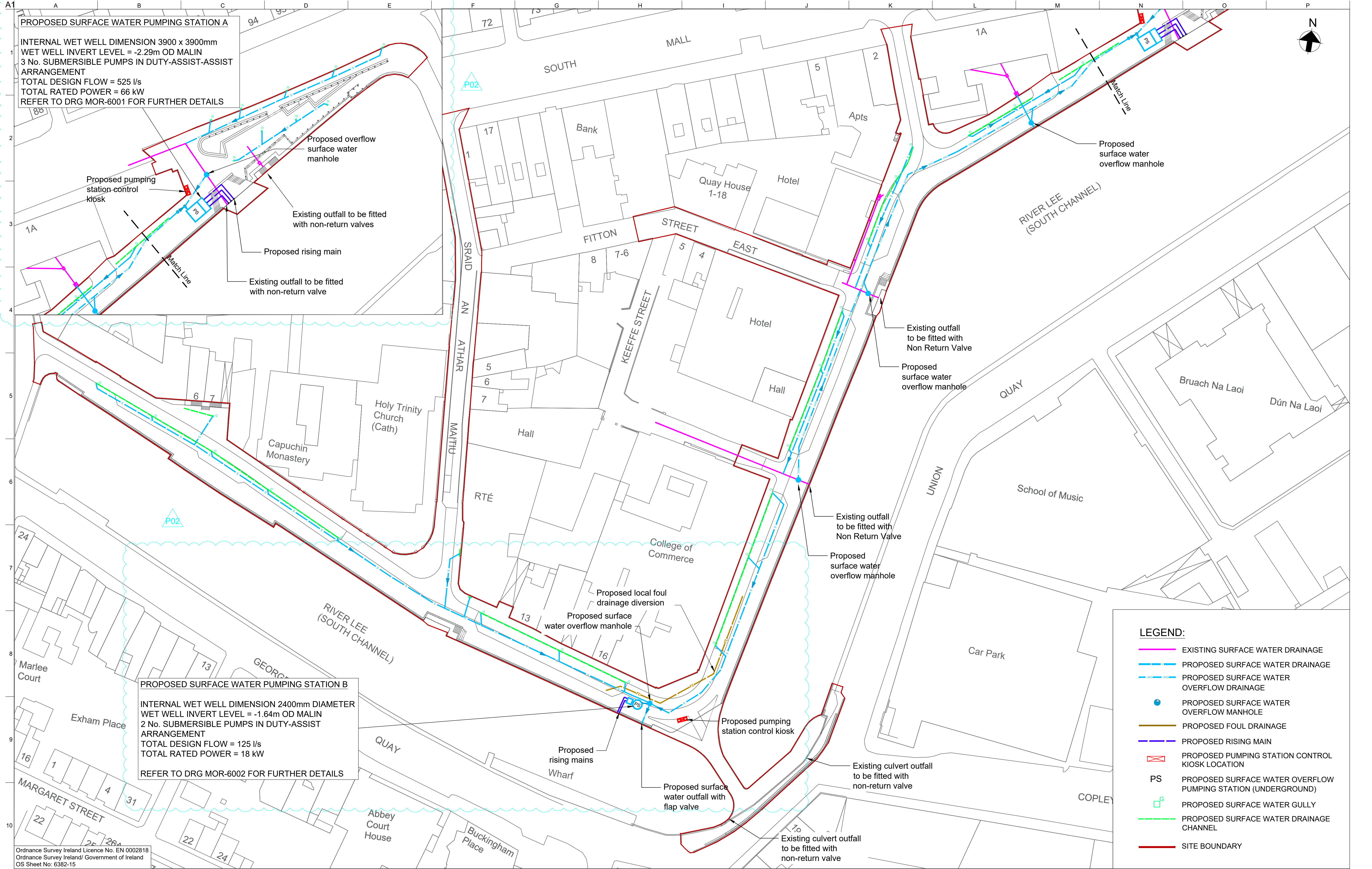




PROPOSED SURFACE WATER PUMPING STATION A

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

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Ordnance Survey Ireland/ Government of Ireland
OS Sheet No: 6382-15

- Notes:**
- Proposed back of wall drainage not shown for clarity.
 - Locations of proposed non-return valves are not exhaustive.
 - 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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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