REFER TO DRAWING TSK010-04 BY ARUP'S FOR ALFIE BYRNE ROAD CYCLE SCHEME AND UPGRADING WORKS TO EAST WALL ROAD

EAST WALL ROAD

16600
8800
1800
4000
2000
4000 Setback

FFL -0.400m

SELF CLOSING GATE FLOOD BARRIER (Top of barrier 3.30m OD)

NO ENTRY

RAMP

GATE

YARD

SCHOOL

SCHOOL

PALISADE FENCE

SMOKING SHELTER

SUMP

MERCHANT'S ROAD

NOTES:

1. Read in conjunction with all relevant Architect's and Engineer's drawings and specification. All setting out to be done from the Architect's drawings.
2. The contractor shall establish, by slit trenches, by liaison with the various utilities and by scanning, the location of the existing services, so that the work can be carried out in a safe and efficient manner. This information is also required by PO'GA so that alterations can be carried out to the location of services in the event of obstructions.
3. The contractor shall prepare a traffic management plan and agree it with the Local Authority, prior to commencement of work on site.
4. Soft areas and loose uncompacted areas to be excavated and replaced with stone capping layer, Class 6F2 to the NRA Specification for Road Works, compacted in layers to clause 612.
5. All services, including manhole covers and gullies must be installed before the wearing course is placed. No patch work permitted.
6. Concrete in footpaths to be Mix E to specification and Mix F in kerb beds and haunch. Form A should be giv to the concrete supplier.
7. Sub base to be blinded with a thin layer of non plastic quarry screenings, where necessary, maximum thickness to be 20mm.
8. Road gullies must be placed at low points to eliminate ponding. Close gullies in the direction of the traffic flow.

ROAD SPECIFICATION FOR ACCESS ROADS:

1. 45mm Polymer Modified Stone Mastic Asphalt Surface Course to Cl.942 of the NRA Specification for Road Works on
2. 90mm Binder Course to Cl.943 of the NRA Specification for Road Works on
3. 150mm (min) crushed stone sub base to be to Cl. 808 of the NRA Specification for Road Works laid and compacted to Cl. 802 on
4. 250mm (min) stone capping layer based on a CBR value of 5% to be confirmed on completion of CBR tests. Capping layer should be to Class 6F2 to the NRA Specification for Road Works. Capping depth must be adjusted for CBR values between 2% and 10% as per the Design table below. Capping layer of less than 200mm is not recommended irrespective of CBR values greater than 10%.
5. 6F2 capping layer material shall be compacted with approved mechanical equipment in accordance with clause 612 of the NRA Specification. Generally the layers shall not exceed 150mm thick.
6. Hardcore and granular fill shall be obtained from a independently tested and approved quarry. The stone shall be certified as being not subject to swelling when placed under adjacent to concrete. All stone to be certified for the end use as per the requirements of SR21 Annex E.
7. CBR tests to be carried out at a maximum of 100 m c/c.
8. Geotextile may be required for low CBR values.
9. Specialist Design to be sought for CBR values of less than 2%

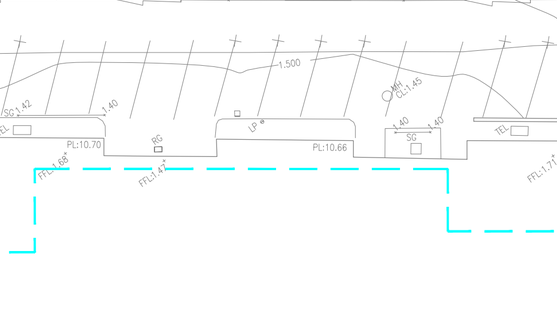

FIGURE 1

MACADAM CAR PARK CONSTRUCTION:

1. 30mm of dense macadam surface course to Cl.906 of the NRA Specification for Road Works on
2. 50mm Binder Course to Cl.906 of the NRA Specification for Road Works on
3. 150mm (min) crushed stone sub base to be to Cl. 808 to the NRA Specification for Road Works laid and compacted to Cl. 802 on
4. 150mm min capping layer to be decided on completion of CBR. test as per table below.

CBR%	<2	2	3	4-15	16+
Depth	350	250	200	150	0

5. Where Geotextile specified on adjacent roads, use on carpark also.

ROAD & BLOCK LEGEND

- SITE BOUNDARY
- LINE OF BASEMENT
- LINE OF BUILDINGS ABOVE
- FFL +1.00 — PROPOSED FINISHED FLOOR LEVEL

Rev.	Date	Description	By
P2	10/12/19	REVISED AS PER UPDATED ARCHITECTURAL LAYOUT	AL
P1	06/12/19	LEVELS REVISED AS PER UPDATED ARCHITECTURAL LAYOUT	AL

Project Title
DOCKLANDS INOVATIONS PARK
EAST WALL ROAD, DUBLIN 3

Architect
MCORM

Date	By	Checked	Scale @ A1
DEC 2019	AL | TB	PM	1:250

Drawing Title
BASEMENT LAYOUT AND LEVELS

Drawing Status
PLANNING

Job No.	Drawing No.	Issue
1731	101	P2

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