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

STOP
RUS 027 TSM

STOP LINE
(RRM 007 OF TSM)

REFER TO DWG 1731-110-P0 FOR SHARED SURFACE ENTRANCE DETAIL

8m LONG TRANSVERSE LINE (RRM 001 OF TSM)

2.4m x 49m VISIBILITY SPLAY

SET-DOWN AREA

BLOCK 05
FFL +3.60m

BLOCK 06
FFL +3.60m

BLOCK 06
FFL +3.30m

PODIUM FFL +3.45m

PODIUM FFL +3.15m

BASEMENT WALL

PEDESTRIAN ZONE

AUTHORISED VEHICLES ONLY

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

BLOCK 04
FFL +3.30m

BLOCK 02
FFL +3.30m

BLOCK 02
FFL +3.30m

BLOCK 03
FFL +3.30m

BLOCK 01
FFL +3.30m

LEFT TURN ONLY

EXISTING UNITS 15/16
FFL +1.70m

EXISTING UNIT 11
FFL +1.70m

PROPOSED CAR PARKING AND FOOTPATH LAYOUT TO BE APPROVED BY THE DUBLIN CITY COUNCIL

PLANTING
FOOTPATH
PUBLIC CAR PARKING

2350 1800 2400

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%

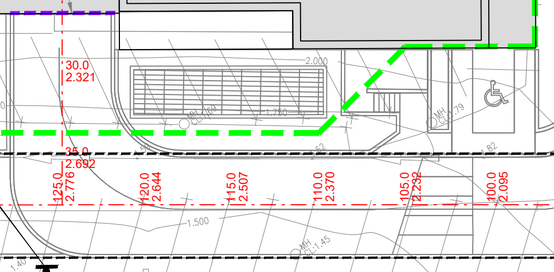

FIGURE 1

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 BELOW
- 10.0 / 3.050 — PROPOSED ROAD LEVEL & CHAINAGE
- FFL +2.00 — PROPOSED FINISHED FLOOR LEVEL
- STOPPING SIGHT DISTANCE BASED ON 23m FORWARD VISIBILITY, EYE HEIGHT 1.05m & OBJECT HEIGHT 0.26m
- JUNCTION VISIBILITY SPLAY
- PROPOSED BUILDINGS
- EXISTING BUILDINGS TO BE RETAINED

Rev.	Date	Description	By
P4	14/01/20	REVISED AS PER UPDATED ARCHITECTURAL & LANSCAPE LAYOUT	AL
P3	20/12/19	REVISED AS PER UPDATED LANDSCAPE LAYOUT	NMM
P2	10/12/19	REVISED AS PER UPDATED ARCHITECTURAL LAYOUT	AL
P1	04/11/19	UPGRADING WORKS TO EAST WALL RD INCLUDED AS PER DWG TSK010-04	TB

Project Title
DOCKLANDS INOVATIONS PARK
EAST WALL ROAD, DUBLIN 3

Architect
MCORM

Date	By	Checked	Scale @ A1
JAN 2020	AL | TB	PM	1:250

Drawing Title
ROAD & BLOCK LAYOUT
AND TRAFFIC SIGNS

Drawing Status
PLANNING

Job No.	Drawing No.	Issue
1731	100	P4

poga CONSULTING ENGINEERS
STRUCTURAL & CIVIL
Pat O'Gorman & Associates
Unit C2, Nutgrove Office Park
Rathfarnham
Dublin 14
D14 CR20
Tel +353 (0)1 205 1101
www.poga.ie

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