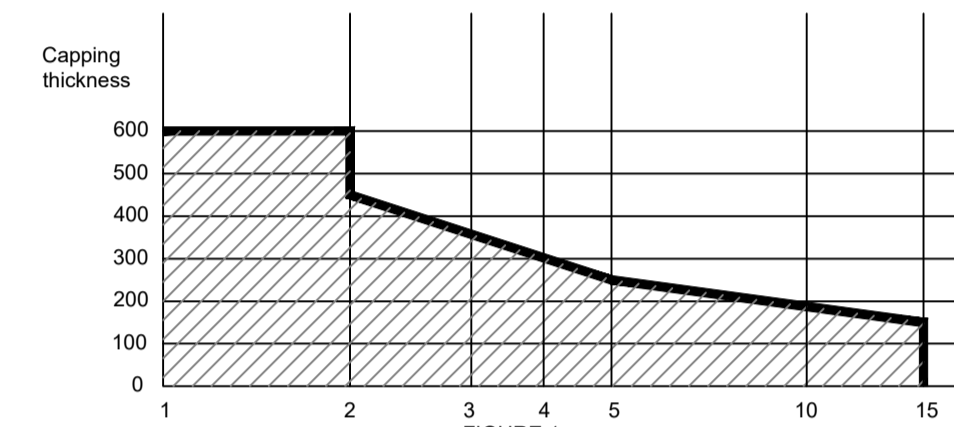




- NOTES:**
1. Read in conjunction with all relevant Architect's and Engineer's drawings and specification. All setting out to be done from the Architect's drawings.
  2. The contractor shall establish, by silt trenches, by liaison with the various utilities and by scanning, the location of the existing services, so that the work can be carried out in a safe and efficient manner. This information is also required by POGA 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 given 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. 40mm Polymer Modified Stone Mastic Asphalt Surface Course to Cl.942 of the NRA Specification for Road Works.
  2. 60mm DBM Binder Course to Cl.942 of the NRA Specification for Road Works.
  3. 60mm DBM Base Course to Cl.942 of the NRA Specification for Road Works.
  4. 150mm (min) crushed stone sub base to be to clause 808 to the NRA Specification for Road Works laid and compacted to clause 802.
  5. 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 must be increased for CBR values between 2% and 5% as per the Design Table Figure 1. Capping layer of less than 250mm is not recommended irrespective of CBR value for values between 5% and 15%.
  6. 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.
  7. Hardcore and granular fill shall be obtained from an 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.
  8. CBR tests to be carried out at a maximum of 100 m c/c.
  9. Geotextile may be required for low CBR values.
  10. Specialist Design to be sought for CBR values of less than 2%.



- 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**

- EXISTING ROAD LEVEL & CHAINAGE
- PROPOSED ROAD LEVEL & CHAINAGE
- PROPOSED FINISHED FLOOR LEVEL
- JUNCTION VISIBILITY SPLAY
- EXISTING SITE (TO BE DEMOLISHED)
- PROPOSED DISHED PEDESTRIAN CROSSING
- PROPOSED SPEED RAMP 75mm HIGH
- NEW CONCRETE FOOTPATH
- NEW FULL ROAD CONSTRUCTION
- ROAD TO BE SCARIFIED BY 40mm AND RE-SURFACED WITH 40mm SMA
- PROPOSED URBAN SOIL TREE PIT, REFER TO DWG.1668-106 FOR DETAILS
- PROPOSED HOUSE
- EXISTING HOUSE TO BE REFURBISHED

Rev.	Date	Description	By

Project Title  
**ST PATRICKS PARK  
 RATHANGAN, CO. KILDARE**

Architect  
**MCORM ARCHITECTS**

Date	By	Checked	Scale @ A1
OCT 2022	CB	NM	1:500

Drawing Title  
**ROAD AND BLOCK LEVELS**

Drawing Status  
**PLANNING**

Job No.	Drawing No.	Issue
1668	100	PO

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