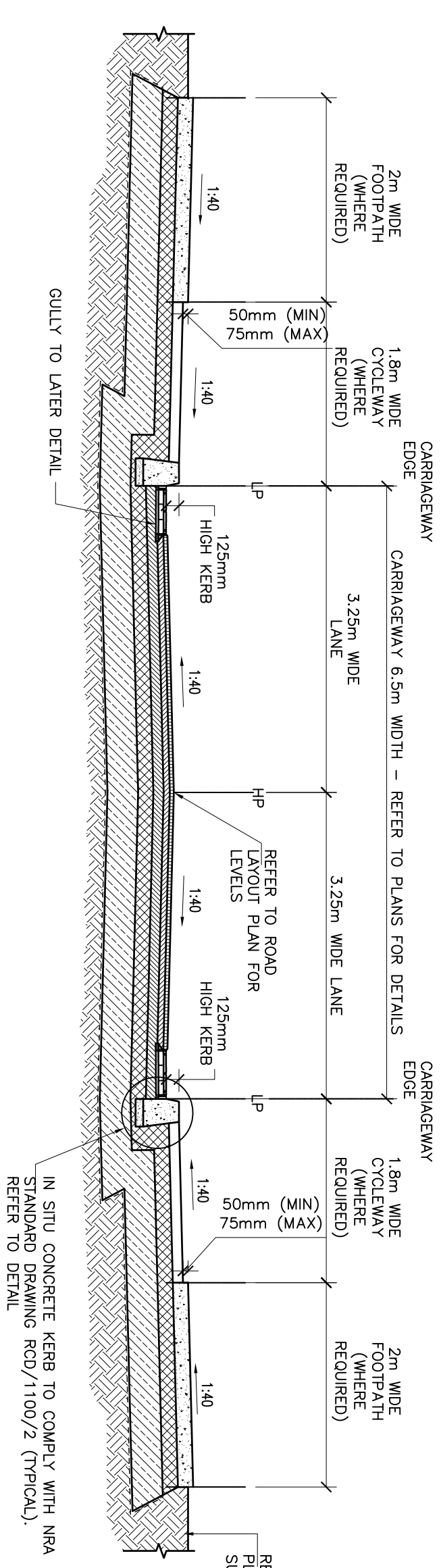


- ROAD SURFACE:**
- 40mm HRA 30/14F SURF 40/60 DES TO CL 910 & 915 ON
 - 60mm AC 20 DENSE BIN 40/60 DES TO CL 929 ON
 - 150mm AC 32 DENSE BIN 40/60 DES TO CL 929 ON
 - 150mm GRANULAR SUB-BASE TO CL 804 TO NRA SWW
 - SEC TABLE 1 [CBR VALUES TO SUB-GRADE TO BE CONFIRMED ON-SITE]



TYPICAL CROSS-SECTION THROUGH ARTERIAL (SPINE) ROUTE ROAD
SCALE 1:30

TABLE 1		
CAPPING/ STABILIZATION DEPTHS		
CBR	ROADS	CARPARK
2%-3%	400 mm	300 mm
3%-4%	300 mm	200 mm
4%-5%	250 mm	150 mm
> 5%	200 mm	100 mm

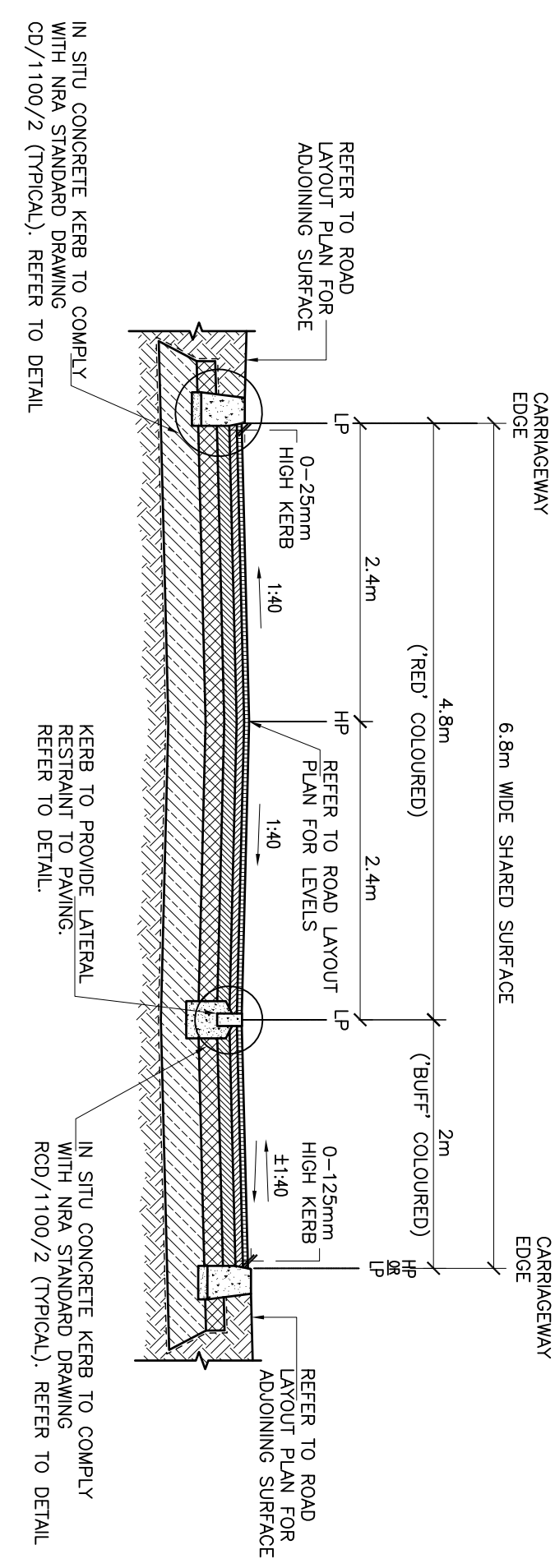
- EQUIPMENT CONSTRUCTION (TO RCD 1100/5 & AS DETAILED BELOW)**
- 150mm SP21 STONE BLINDED WITH QUARRY SCREENINGS ON
 - 250mm 6F7 CAPPING
 - JOINTS EVERY 3.0m c/c
 - JOINTS SHALL COMPREISE OF A 10mm THICK PRE-FORMED FILLER TO CL. 1015 RAKED OUT TO 10mm DEPTH AFTER CASTING & SEALED WITH A GREY POLYURETHANE SEALANT
 - ALL CONCRETE EDGES AND JOINTS SHALL BE BULLDOZED WITH A TROWEL
 - THE SURFACE SHALL BE FINISHED BY FLOATING WITH A WOODEN BROOM TO PRODUCE A SLIGHT ROUGHNESS WITH A GRASS FOOTPATH TO BE DISHED AT ROAD CROSSING POINTS

- CYCLE TRACK CONSTRUCTION (TO NATIONAL CYCLE MANUAL)**
- 25mm OF 10mm DBM ON
 - 150mm 804 STONE ON
 - JOINTS SHALL COMPREISE OF A 10mm THICK PRE-FORMED FILLER TO CL. 1015 RAKED OUT TO 10mm DEPTH AFTER CASTING & SEALED WITH A GREY POLYURETHANE SEALANT
 - ALL CONCRETE EDGES AND JOINTS SHALL BE BULLDOZED WITH A TROWEL
 - ALL CL REFERENCES RELATE TO VOLUME 1 SPECIFICATION FOR ROADS WORKS

- ASPHALT SHARED SURFACE: ('RED' COLOURED)**
- SURFACE COURSE** - 40mm HOT ROLLED ASPHALT SURFACE COURSE - HRA 30/14 F SURF 40/60 (14mm AGGREGATE) TO CL 910 WITH 915mm RED COLOURED CHIPPIES IN A CLEAR COAT TO CL 915
- BINDER COURSE** - 60mm DBM BINDER COURSE AC 20 DENSE BIN 40/60 REC : TO CL 906 ON
- BASE COURSE** - 100mm DBM ROAD BASE AC 32 DENSE BIN 40/60 REC : TO CL 906 ON
- SUB-BASE** - 150mm GRANULAR SUB-BASE TO CL 808 WITH BLUNDED SURFACE ON
- CAPPING** - 300mm CLASS 6F2 CAPPING MATERIAL (3% CBR ASSUMED) [CBR VALUES TO SUB-GRADE TO BE CONFIRMED ON-SITE]

- ASPHALT SHARED SURFACE: ('BUFF' COLOURED)**
- SURFACE COURSE** - 40mm HOT ROLLED ASPHALT SURFACE COURSE - HRA 30/14 F SURF 40/60 (14mm AGGREGATE) TO CL 910 WITH 14mm BUFF COLOURED CHIPPIES IN A CLEAR COAT TO CL 915
- BINDER COURSE** - 60mm DBM BINDER COURSE AC 20 DENSE BIN 40/60 REC : TO CL 906 ON
- BASE COURSE** - 100mm DBM ROAD BASE AC 32 DENSE BIN 40/60 REC : TO CL 906 ON
- SUB-BASE** - 150mm GRANULAR SUB-BASE TO CL 808 WITH BLUNDED SURFACE ON
- CAPPING** - 300mm CLASS 6F2 CAPPING MATERIAL (3% CBR ASSUMED) [CBR VALUES TO SUB-GRADE TO BE CONFIRMED ON-SITE]

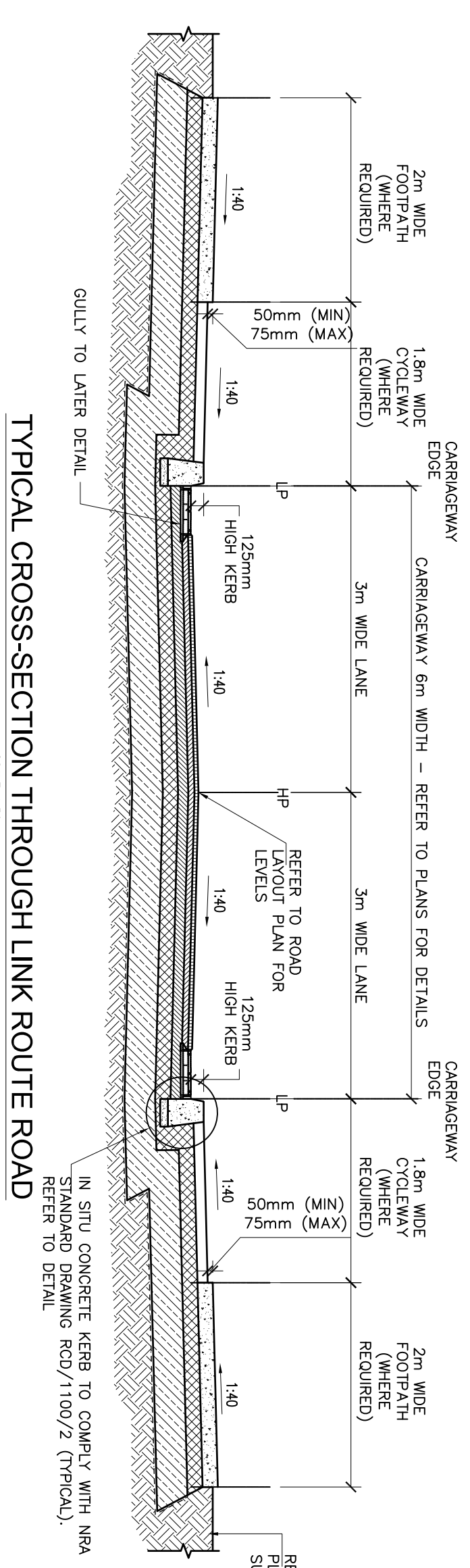
- CAR PARKING:**
- SURFACE COURSE** - 40mm POLYMER MODIFIED STONE MASTIC ASPHALT PMSMA SMA 10 SURF PMB 65/105-60 DES TO CL 942 ON
- BINDER COURSE** - 60mm DBM BINDER COURSE AC 20 DENSE BIN 40/60 REC : TO CL 906 ON
- BASE COURSE** - 100mm DBM ROAD BASE AC 32 DENSE BIN 40/60 REC : TO CL 906 ON
- SUB-BASE** - 150mm GRANULAR SUB-BASE TO CL 808 WITH BLUNDED SURFACE ON
- CAPPING** - 300mm CLASS 6F2 CAPPING MATERIAL (3% CBR ASSUMED) [CBR VALUES TO SUB-GRADE TO BE CONFIRMED ON-SITE]



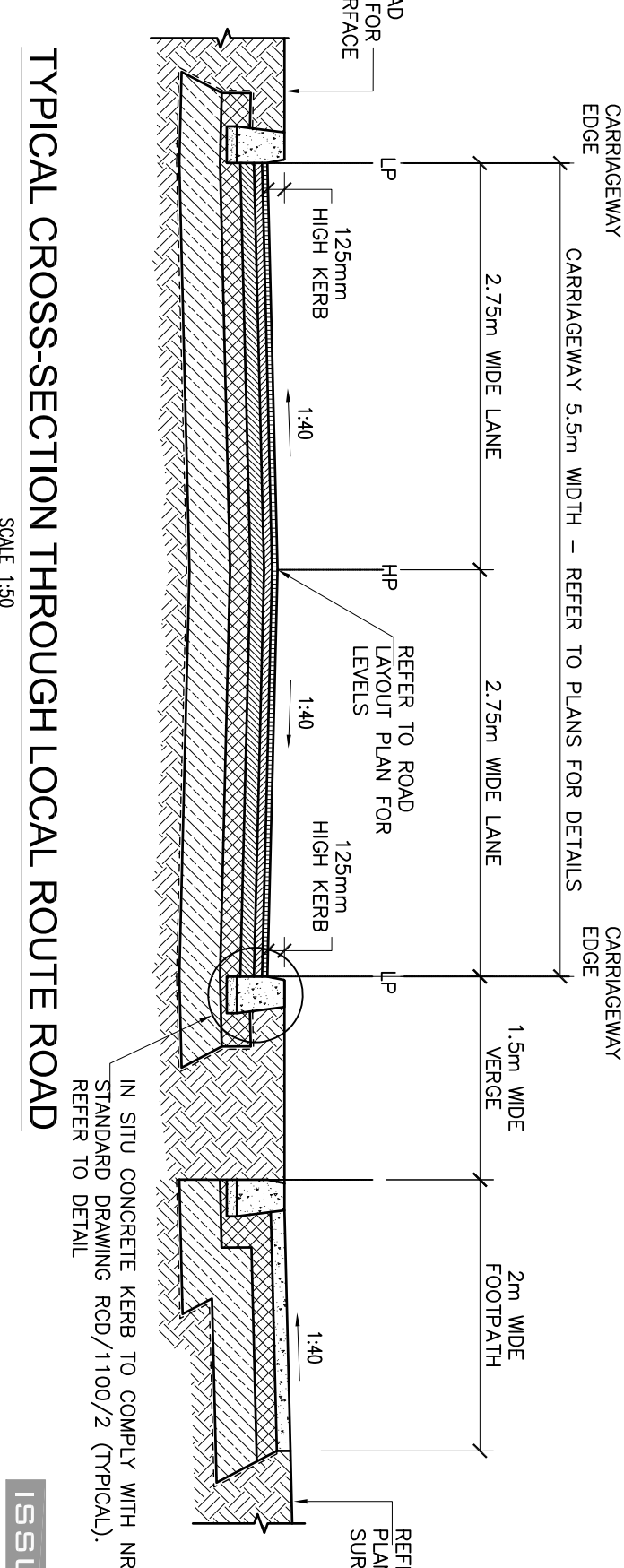
TYPICAL CROSS-SECTION THROUGH PROPOSED SHARED SURFACE
SCALE 1:30

TYPICAL CROSS-SECTION THROUGH PROPOSED SHARED SURFACE WITH PARKING
SCALE 1:30

- ROAD SURFACE:**
- SURFACE COURSE** - 40mm SMA 10 SURF 70/100 DES ON
- BINDER COURSE** - 60mm AC 20 DENSE BIN 70/100 REC ON
- BASE COURSE** - 100mm AC 32 DENSE BIN 70/100 REC ON
- SUB-BASE** - 150mm GRANULAR SUB-BASE TO CL 804 TO NRA
- SEC TABLE 1 [CBR VALUES TO SUB-GRADE TO BE CONFIRMED ON-SITE]



TYPICAL CROSS-SECTION THROUGH LINK ROUTE ROAD
SCALE 1:30



TYPICAL CROSS-SECTION THROUGH LOCAL ROUTE ROAD
SCALE 1:30

ISSUED FOR
PLANNING

DIMENSIONS

Figure dimensions only to be taken from this drawing. All dimensions to be checked on site. Architects to be informed immediately of any discrepancies before work proceeds.

NOTES:

REFER TO ROAD HIERARCHY DRAWING FOR ROAD TYPE LOCATION

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REV	DATE	DETAILS
1	16.11.18	Draft Issue
A	07/12/18	Issued for Planning

CLIENT		TITLE	
Rocktute 1 Limited		Road Construction Details	
PROJECT		Sheet 1 of 2	
Proposed Strategic Housing Development at Dunshaughlin East		SCALE	DATE CREATED
Unit 1, St. Theresa's Place, Flowerhill, Navan, Co. Meath		As Shown @ A1	Nov 2017
Tel: 046 9077092 Fax: 046 9077932		DRAWN BY:	DM
Email: mail@jor.ie Web: www.jor.ie		CHECKED BY:	MS
JOB No.	DRAWING No.	REV	
J18-01	035	A	