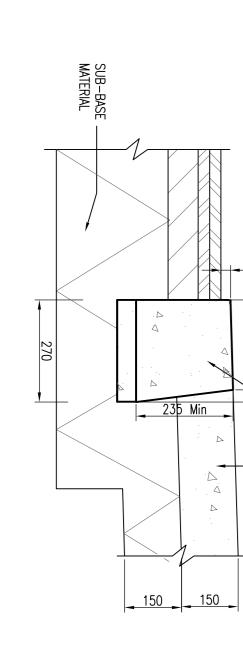
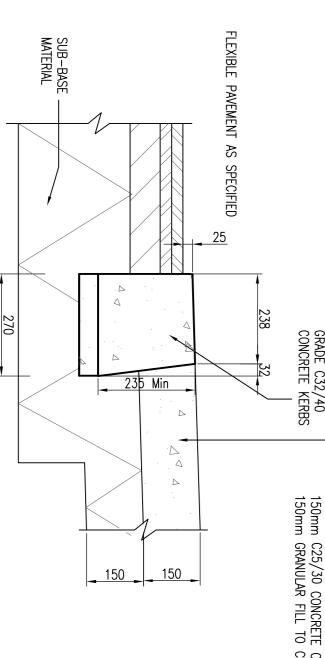
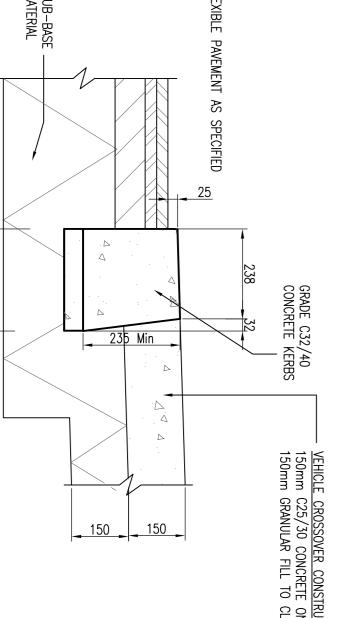
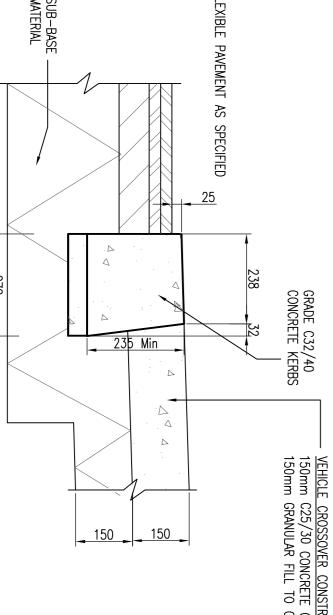
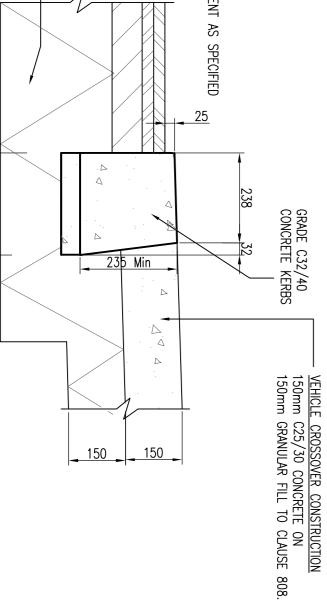
CAST IN—SITU 25mm HIGH KERB AT VEHICLE
CROSSOVER
SCALE 1:10

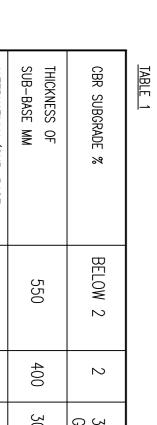












CBR SHBCRADE %	RFI OW 2	2	3 0
CBR SUBGRADE %	BELOW 2	2	GREATE
THICKNESS OF	n n O	000	302
SUB-BASE MM	220	400	200
ALTERNATIVLY (SUB-BASE WITH CAPPING)			
SUB-BASE THICKNESS MM	150	150	150
CAPPING THICKNESS MM	600	400	350
NOTE:- ROAD 1 SUBBASE THICKNESS	NESS NESS		

CLIENT

GERARD GANNON PROPERTIES

ARCHITECT CONROY CROWE KELLY

PROJECT

CLONGRIFFIN
SHD APPLICATION 2

NOTE:— ROAD 1 SUBBASE THICKNESS C.B.R. TESTS TO BE TAKEN AT A RATE AGREED WITH THE ENGINEER BUT NOT LESS THAN 1 PER 50m. ALL C.B.R. RESULTS TO BE SUBMITTED TO THE ENGINEER PRIOR TO LAYING SUB—BASE FOR APPROVAL. CORES TO BE TAKEN EVERY 50m TO CONFIRM EXISTING ROAD BASE BUILD UP/ DEPTH.	CAPPING THICKNESS MM	SUB-BASE THICKNESS MM	ALTERNATIVLY (SUB-BASE WITH CAPPING)	THICKNESS OF SUB-BASE MM	CBR SUBGRADE %
S VIE OT LESS THAN 1 PER 50m. ED TO THE ENGINEER PRIOR AL. O CONFIRM EXISTING ROAD	600	150		550	BELOW 2
	400	150		400	2
	350	150		300	3 OR GREATER

PJD PJD

DESIGNED **PJD**

APPROVED **MD**

DATE NOV 18'

ROAD CONSTRUCTION DETAILS SHEET 1 OF 2

SCALE

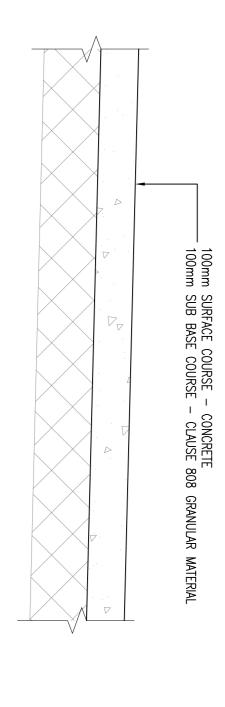
AS SHOWN © A1 18-059

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DRG. NO. **P2120**

REVISION A

FOOTPATH CONSTRUCTION DETAIL NOTE: DEPTH OF BOTH LAYERS TO BE INCREASED TO 150mm AT VEHICLE CROSSOVERS



FULL ROAD CONSTRUCTION DETAIL SCALE 1:10	40mm SURFACE COURSE - PMSMA 10 SURF PMB 65/105-60 des ON 60mm BINDER COURSE - AC20 HDM bin 40/60 des TO CLAUSE 929 ON 80mm BITUMINOUS BASE ON 300mm SUB-BASE
ETAIL	0/60 des TO CLAUSE 929 ON

CAST IN-SITU CONCRETE FLUSH KERB FOR ON-STREET PARKING DELINEATOR

230

270

- SUB-BASE COMPACTED CL808 GRANULAR MATERIAL

1:25

Ξ

0 10

2.5_m

STATUS

FOR PLANNING NOT FOR CONSTRUCTION

Waterman Moylan Engineering Consultants

MARINE HOUSE, CLANWILLIAM PLACE, DUBLIN 2 Tel: (01) 664 8900 Fax: (01) 661 3618 Email: info@waterman-moylan.ie www.waterman-m

REV. DATE

AMENDMENT

DRN APPD

PJD

M

12/ 08/ REVISED FOR FINAL SUBMISSION

1:10

Ξ

0 10 20

1.0m

50 Min

500 Min.

OVERLAY CONSTRUCTION DETAIL SCALE 1:10

PARKING BAY

ACCESS ROAD

30mm SURFACE COURSE - PMSMA 10 SURF PMB 65/105-60 des ON 30mm BINDER COURSE - AC20 HDM bin 40/60 des TO CLAUSE 929 ON EXISTING BITUMINOUS BASE ON EXISTING 300mm SUB-BASE

U3 CONCRETE FINISH INSITU
CONCRETE KERBS SHALL COMPLY WITH THE RECOMMENDATIONS OF BS 5931 AND SHAL
BE PROTECTED FROM ADVERSE WEATHER UNTIL CURED
EXPANSION AND CONSTRUCTION JOINTS IN KERB TO MATCH JOINTS IN ROADS AND
FOOTWAYS
ALL ROAD WORKS TO BE TO DUBLIN CITY COUNCIL STANDARDS FOR TAKING IN CHARGE. BS 5931 AND SHALL

225mmø PERFORATED – FILTER DRAIN

TERRAM 1000 OR SIMILAR APPROVED GEOTEXTILE

UPPER GEOTEXTILE TO BS 7533-13

PROVIDE 150mm 6F2 CAPPING LAYER FOR CBR LESS THAN 5%

4\20mm COARSE GRADED AGGREGATE TO BS 13242:2002

100ø

TYPICAL

SECTION THROUGH PUBLIC PARKING BAY PERMEABLE PAVING

SCALE 1:25

IN-SITU CONCRETE KERB DETAIL

AND ROAD BUILD UP

SCALE 1:10

-	ADDITIONAL CONCRETE WHERE REQUIRED TO FORM MIN 50mm KEY INTO SUB-BASE SUB-BASE MATERIAL	
+ +	125	6. BALLER - 17.64
270 230 500 Min.	350	17.64 225 45 - 45
<u>, , , , , , , , , , , , , , , , , , , </u>	GRADE C32/40 CONCRETE KERBS	NEW FOOTWAY CONSTRUCTION 100mm C25/30 CONCRETE ON 100mm GRANULAR FILL TO CLAUSE 808.

ROAD AS SPECIFIED

25mm CONCRETE KERB

6mm JOINT FILLED WITH GRADED 6.3 - 2.0mm GRIT TO BS 13242:2002

50mm THICKNESS OF GRADED 6.3 - 2.0mm GRIT TO BS 13242:2002

240x120x80mm THICKNESS TOBERMORE
HYDROPAVE BLOCK OR SIMILAR APPROVED
LAID IN HERRINGBONE PATTERN. MINIMUM
JOINT WIDTH = 6mm AREA OF VOIDS MUST
EXCEED 6% OF TOTAL PAVED SURFACE AREA

CONCRETE F/W AS SPECIFIED

PROPOSED ACCESS ROAD CONSTRUCTION:
40mm SURFACE COURSE - PMSMA 10 SURF PMB 65/105-60 des ON

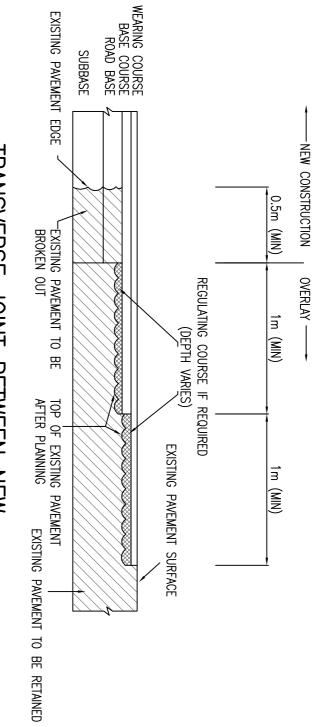
60mm BINDER COURSE - AC20 HDM bin 40/60 des TO CLAUSE 929 ON

80mm BASE COURSE - AC32 HDM base 40/60 des TO CLAUSE 906 ON

300mm SUB-BASE - CLAUSE 808 GRANULAR MATERIAL (REFER TO TABLE 1)

NOTE: THE DEPTH OF THIS SUB-BASE IS DEPENDENT ON THE CBR OF THE FORMATION AND IS TO BE CONFIRMED ON SITE. SEE TABLE 1

TRANSVERSE JOINT BETWEEN NEW CONSTRUCTION AND EXISTING ROAD SCALE 1:25



2. WHERE THE ROAD BASE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF ROADBASE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 1m MIN. WITH THE BASECOURSE AND WEARING COURSE TO BE EACH STEPPED IN A FURTHER 1m MIN. RESPECTIVELY.

1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 920.

NOTES FOR TRANSVERSE JOINTING:

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.

NOTES: