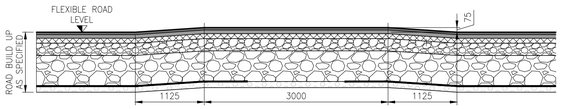
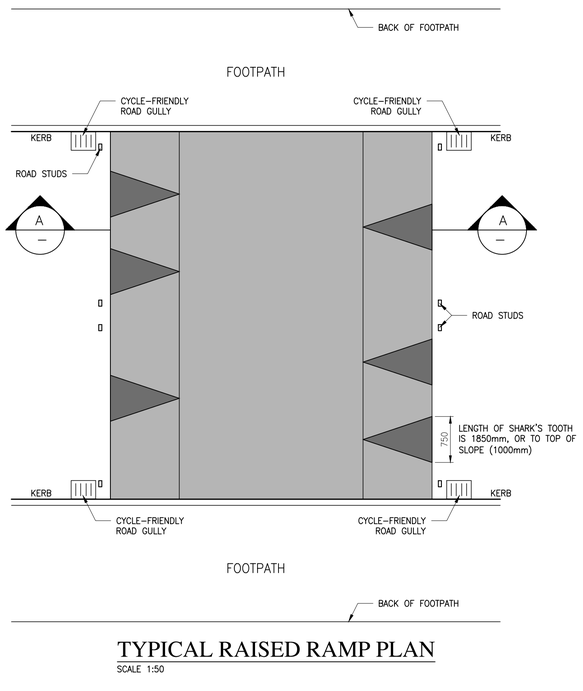
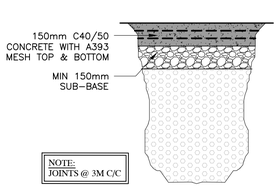


SECTION A-A
SCALE 1:50

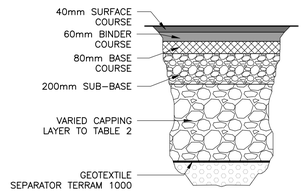
(TYPICAL SECTION THRO' RAISED SPEED RAMP)



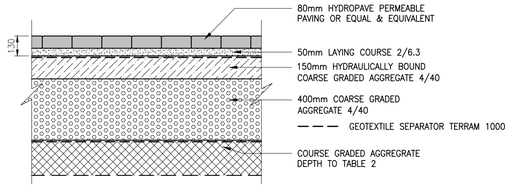
TYPICAL RAISED RAMP PLAN
SCALE 1:50



CONCRETE FOOTPATH BUILD UP
SCALE: 1:20



FLEXIBLE ROAD BUILD UP
SCALE: 1:20



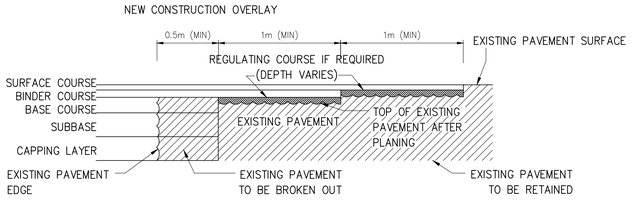
TYPICAL PERMEABLE PAVING DETAIL
SCALE 1:20

NOTES

GENERAL

1.) THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT HAYES HIGGINS ENGINEERING DRAWINGS AND SPECIFICATIONS.

2.) DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.



TRANSVERSE JOINT BETWEEN NEW CONSTRUCTION AND EXISTING ROAD

SCALE 1:10

NOTE: ALTERNATIVE KERB TYPES AT CARRIAGEWAY SHALL BE SUBJECT TO APPROVAL.

TABLE 1	
LAYER	MATERIAL
SURFACE COURSE	SMA 10 SURF
BINDER COURSE	AC 20 DENSE BIN DES
BASE COURSE	AC 32 DENSE BASE DES
SUB-BASE	TYPE B GRANULAR MATERIAL TO SR 21
CAPPING LAYER	CLASS 6F2 MATERIAL

TABLE 2	
CBR (%)	THICKNESS OF CAPPING LAYER (mm)
< 2	600
2-5	400
5-10	250
10-15	200
> 15	0

NOTE RE CAPPING LAYER:

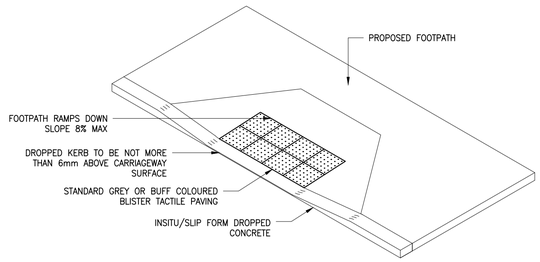
THE DEPTH OF THE SUB-BASE AND CAPPING LAYERS WILL VARY WITH THE SUBGRADE STRENGTH, AS INDICATED BY THE CBR TEST RESULTS. THE THICKNESS OF THE SUB-BASE LAYER SHOULD BE MIN. 150mm FOR ALL FORMS OF ROADWAY CONSTRUCTION. THE THICKNESS OF THE CAPPING LAYER WILL VARY WITH THE CBR VALUE, AS INDICATED IN TABLE 1 BELOW. IF THE CBR VALUE OF THE SUBGRADE EXCEEDS 15%, NO CAPPING LAYER REQUIRED WHERE APPROVED BY DCE IRL. SEE FIGURE 4.1 IN PART 2A, HD25-26 OF NRA DESIGN MANUAL FOR ROADS AND BRIDGES.

CBR TESTS TO BE CARRIED OUT ON SUBGRADE TO CONFIRM ITS STRENGTH.

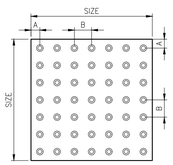
CBR TESTS TO BE CARRIED OUT ON TOP OF CAPPING TO CONFIRM A CBR VALUE OF 15% PRIOR TO INSTALLING THE SUBBASE LAYER.

CBR TESTS TO BE CARRIED OUT ON TOP OF SUBBASE TO CONFIRM A CBR VALUE OF 30% PRIOR TO INSTALLING THE ROADBASE LAYER.

ALL SPECIFIED AGGREGATE MATERIAL TO BE FROM PYRITE "FREE" QUARRY.



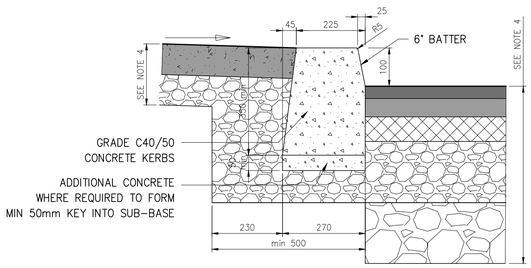
TYPICAL TACTILE PAVING WITH DROPPED KERB DETAIL
SCALE 1:50



NOTES:
1. THE SURFACE ARRANGEMENT WILL DEPEND ON THE CROSSING LOCATION AND MY BE DIFFERENT FROM THAT SHOWN.
2. COLOUR – BUFF FOR UNCONTROLLED CROSSINGS.
3. MATERIALS – THE TACTILE SURFACE MAY BE CONSTRUCTED FROM ANY MATERIAL SUITABLE FOR PAVING FOOTWAY SURFACES.
4. DROPPER, STANDARD AND FLUSH KERBS AS DETAILED.
5. TACTILE PAVING IS TO BE INSTALLED ACROSS THE FULL WIDTH OF THE DROPPED KERB.
6. DOMES ARE SPHERICAL WITH FLATTENED TOP. OUTER DIAMETER IS APPROXIMATELY 25mm AND INNER DIAMETER 16mm.
7. DEPTH OF DOMES IS 5mm.

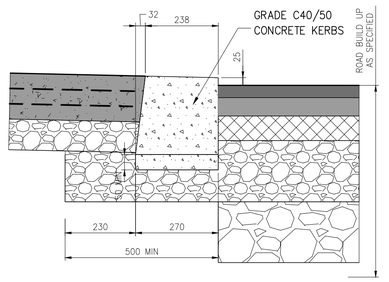
MODULE	SIZE (mm)	A	B
1	400X400	66.8	33
2	450X450	64.0	33

NOTE:
1. U3 CONCRETE FINISH
2. INSITU CONCRETE KERBS SHALL COMPLY WITH THE RECOMMENDATIONS OF BS5931 AND SHALL BE PROTECTED FROM ADVERSE WEATHER UNTIL CURED.
3. EXPANSION AND CONSTRUCTION JOINTS IN KERB TO MATCH JOINTS IN ROADS AND FOOTWAYS.
4. CHECK BUILD UP DETAIL AND LAYOUT. COULD BE FLEXIBLE ROAD, CONCRETE FOOTPATH, PERMEABLE PAVING AND GRASS.



TYPICAL CONCRETE KERB WITHOUT CHANNELS
SCALE 1:10

NOTE: ABOVE DETAIL AT SITE ENTRANCES AND WHERE KERB NOT SPECIFIED BY ARCHITECT. ALTERNATIVE KERB TYPES AT CARRIAGEWAY SHALL BE SUBJECT TO APPROVAL.



CAST IN-SITU DROPPED CONCRETE KERB
SCALE 1:10

NOTE: ABOVE DETAIL AT SITE ENTRANCES AND WHERE KERB NOT SPECIFIED BY ARCHITECT. ALTERNATIVE KERB TYPES AT CARRIAGEWAY SHALL BE SUBJECT TO APPROVAL.

REV	DATE	DESCRIPTION	DWG BY	APPR. BY
P1	14.07.26	REVISED PER PRE-PART 8 SUBMISSION COMMENTS	LS	LM
P	17.04.26	ISSUED FOR PLANNING	LS	LM

ISSUED: PLANNING

CLIENT: RESPOND SOCIAL HOUSING

PROJECT NAME: 84 HOUSES AT DARNDALE

DRAWING NAME: PROPOSED ROAD AND SUDS DETAILS SHEET 1 OF 2

PROJECT No.: 25D046

DRAWING No.	REVISION
10	P1

SCALE	DRAWN DATE
AS SHOWN	19.03.26

CAD DRAWN BY	CHECKED BY	APPROVED BY
L.S.	L.M.	D.H.

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