HARD MARGIN DETAIL

RAMP DETAIL

GULLIES PERMITTED DESIGN GROUP 1 DETAIL

FOOTWAY TIE-IN DETAIL

CARRIAGEWAY TIE-IN DETAIL

THIS DETAIL SHOWS NEW TO NEW & NEW TO EXISTING, TRADITIONAL ESTATE ROAD TO AN EXISTING TRADITIONAL ESTATE ROAD TIE-IN DETAILS

FOR ANY OTHER CATEGORY OF ROAD, A BESPOKE TIE-IN DETAIL IS REQUIRED

NOTE

DESIGNATION (i) = 1 : 0-1/4 : 3 (Cement : Lime : Sand)
FOR CONTRACTS NOT UNDER THE HIGHWAYS AGENCY SPECIFICATION FOR HIGHWAY WORKS, REFERENCES SHALL BE READ AS:

ST2 = C10
FOR MORTAR DESIGNATION - REFER SERIES SHW 2400, TABLE 24/1.

BLOCK PAVED SHARED SURFACE / MEWS COURT DETAIL

PAVEMENT FOUNDATION DESIGN SHARED SURFACE STREET [TYPE C] / MEWS COURT (BLOCK PAVED)							
CBR %		< 2.5	2.5 to 3.0	3.0 to 4.0	4.0 to 5.0	5.0 to 15.0	>15.0
SUB BASE ONLY	SUB BASE [TYPE 1] DEPTH	Ground remediation required to improve sub grade CBR	450	420	370	330	200*
OR			OR				
SUB BASE ON CAPPING	SUB BASE [TYPE 1] DEPTH		350	320	270	240	200*
	CAPPING DEPTH		250	240	230	210	150
* Minimum required type 1 sub base depth to achieve 450mm of non-frost susceptible material.							

1. Unless stated otherwise all dimensions are in millimetres.
2. For pavement foundation design, there are two options:
   (i) Sub Base only
   (ii) Sub Base and Capping
   (iii) See adjacent pavement design table for layer thickness.
3. For pavement foundation design the total pavement construction buildup from final design surface to the foundation, is to be 450mm in depth, such that the materials shall not be frost susceptible in accordance with [MCHW Vol 1 Series 801 Clause 7].
4. All made ground to be removed to a depth of 3m.
5. All kerbs to be laid upon 10mm mortar bed.
6. All K1 kerbs require dowel bars.
7. For kerb details refer to Kirklees Standard Details Drawing No. HD / SD / 11 /01A,02A,03A,04A,05A.

LOCAL RESIDENTIAL STREET / TRADITIONAL ESTATE ROAD DETAIL

At vehicular crossings, increase Binder to 60 and increase Sub Base [Type 1] to 150 with kerb K15 / 125 x 150 pcc bullnosed kerb [BN3] with 30 upstand

PAVEMENT FOUNDATION DESIGN LOCAL RESIDENTIAL STREET / TRADITIONAL ESTATE ROAD [TYPE B]							
CBR %		< 2.5	2.5 to 3.0	3.0 to 4.0	4.0 to 5.0	5.0 to 15.0	>15.0
SUB BASE ONLY	SUB BASE [TYPE 1] DEPTH	Ground remediation required to improve sub grade CBR	450	420	370	330	280*
OR			OR				
SUB BASE ON CAPPING	SUB BASE [TYPE 1] DEPTH		350	320	280*	280*	280*
	CAPPING DEPTH		250	240	230	210	150
* Minimum required type 1 sub base depth to achieve 450mm of non-frost susceptible material.							

1. Unless stated otherwise all dimensions are in millimetres.
2. For pavement foundation design, there are two options:
   (i) Sub Base only
   (ii) Sub Base and Capping
   (iii) See adjacent pavement design table for layer thickness.
3. For pavement foundation design the total pavement construction buildup from final design surface to the foundation, is to be 450mm in depth, such that the materials shall not be frost susceptible in accordance with [MCHW Vol 1 Series 801 Clause 7].
4. All made ground to be removed to a depth of 3m.
5. All kerbs to be laid upon 10mm mortar bed.
6. All K1 kerbs require dowel bars.
7. For kerb details refer to Kirklees Standard Details Drawing No. HD / SD / 11 /01A,02A,03A,04A,05A.

PARAGON HIGHWAYS

PROJECT TITLE
YEW TREE ROAD, BIRCHENCLIFFE, HUDDERSFIELD

DRAWING TITLE
PHASE 2 STANDARD DETAILS

DRAWING NUMBER

ORIGINATOR	PROJECT	VOL.	TYPE	ROLE	NUMBER
PRGN -	2079 -	HGN -	DE -	CH -	P2SD03

CLIENT
BEN MARSDEN

SCALE	SIZE	DRAWN	CHECKED	AUTHORISED	DATE
1:200	A1	AH	LO	AH	MAR 24

PARAGON HIGHWAYS
20 – 21 THE WALLED GARDEN
NOSTELL ESTATE YARD
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