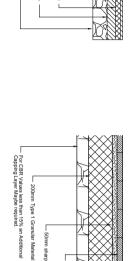


mm min Type 1 Granular sub-base. — imm at vehicle crossing) pping Layer if Required by CBR Value).



60 Thk Paving Blocks.
(For Colour and Supplier Refer To Arch's Plans).

TYPICAL MACADAM DRIVEWAY/PARKING BAY

SUB-BASE : TO BE 150mm MIN TYPE 1 GRANULAR MATERIAL TO COMPLY WITH CLAUSE 803, MCHW. (IF CBR VALUES ARE LESS THAN 5% SUB-BASE MATERIAL TO BE INCREASED TO 225mm). BINDER COURSE/BASE; TO BE 100mm OF AC20 DENSE BIN 100/150 REC TO COMPLY WITH BS EN 13108-1 ASPHALT CONCRETE. SUPFACE COURSE : TO BE 25mm OF AC 6 DENSE SUPF 100/150 REC, TO COMPLY WITH BS EN 13108-1 SEPHAT COMPRETE OR 30mm HRA 15/10 F SUPF 100/150 DES TO COOMPLY WITH BS EN 13108-4 407 ROLLED ASPHAT.

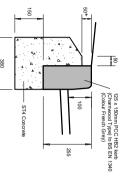
TYP SECTION THROUGH PRIVATE BLOCK PAVED PARKING AREA.



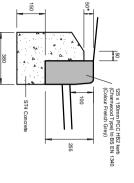
TYP FOOTPATH CONSTRUCTION (ADOPTABLE STANDARD)

+	150		*
380	ST4 Concrete	- 1	125 x 150mm PCC BN kerb (Chamwood Type) to BS EN 1340 (Colour French Grey) 25 at vehicle crossover

SCALE 1:10	"BN" KERR DETAIL
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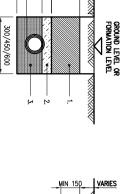






=150x50mm PCC EF Edging, To BS EN 1340

"EF" P.C.C EDGING DETAIL
SCALE 1:10



GROUND LEVEL OR FORMATION LEVEL

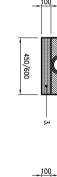
VARIES

MIN 150

TYPICAL PIPE PROTECTION. FOR FLEXIBLE PIPES.

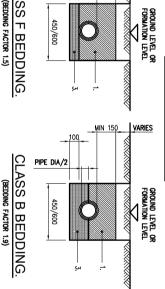


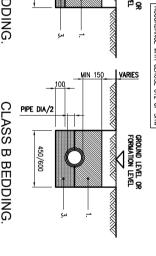
TYPICAL PIPE PROTECTION.
FOR RIGID PIPES.
SCALE 1:20 CLASS F BEDD (BEDDING FACTOR 1.5)



450/600







<u> </u>	. OR VET	TRENCH ACCORDAN
PIPE	MIN 150 VARIES 100 DIA/2	TRENCH BACKFILL SHOULD BE IN ACCORDANCE WITH CLAUSE 612 OF SHW
	COMMIND LEVEL OR FORWATION LEVEL 1. 450/600	V
	·	

	100 MIN	 VARIES
MA	OR PIPE DIA/6	
MIN PIPE DIA + 300mm MAX PIPE DIA + 600mm	O	GROUND LEVEL OR FORMATION LEVEL

福書	J.	4.	7 7
MATERIAL FROM 5mm MAX 10mm FOR 150 I 100 DIA PIPES, MAX 14mm FOR 150 I PIPES, MAX 20mm FOR PIPES, MAX 20mm FOR PIPES AND AND MAX 40mm FOR PIPES ON THE SOUTH AND THE SOUTH	3 = Granular Material, for Rigid Pipes The Material Should Conform to BS en 1610, annex B, Table B15 an Should Be Single Size or Graded	2 = SELECTED FILL, FREE FROM STONES LARGER THAN 40mm.	1 = SELECTED FILL, FREE FROM STONES LARGER THAN 40mm, LUMPS OF CLAY OVER 100mm, TIMBER, FROZEN MATERIAL OR VEGETABLE MATTER.

- HE MATERIAL. FOR RIGID PIPES
 HE MATERIAL SHOULD CONFORM TO
 BS EN 1610, ANNEX B, TABLE BIS AND
 SHOULD BE SINGLE SIZE OR GRADED
 MATERIAL FROM 5mm MAX 10mm FOR 100
 100 DIA PIPES, MAX 20mm FOR PIPES FROM 1504TO 600 DIA ALOMACTION FICTION
 OVER 600 DIA. COMPACTION FROM TO
 OVER 600 DIA. COMPACTION FROM
 MAXIMUM 0.3 FOR CLASS N OR B AND
 0.15 FOR CLASS F.
- 5 = GRANULAR MATERIAL TO S.H.W CLAUSE 503.3 (1). 4 = CLASS 8 MATERIAL 503.3 (iv). TO S.H.W CLAUSE

CLASS S.

TYP FOOTPATH CONSTRUCTION (Around Class Block)

SNB-BNS	SUB-BASE LAYER ONLY		SUB-BASE & CAPPING LAYER	NG LAYER	
(X) ABO	TYPE 1 (mm)	CBR (%)	TYPE 1 (mm)	(ww) SNIAdro	10[AL (mm)
2.5	450	2.5	350	250	80
3	420	3	320	240	560
•	360	•	270	230	490
5	320	5	240	210	450
6	310	6	220	200	420
7	290	7	210	200	8
*	270	•	200	190	#
9	260	•	190	180	370
5	250	10	ë	8	Ħ
11	240	==	170	170	340
12	230	12	170	8	15
13	220	13	160	160	315
∓	210	¥	8	Ø	55
5	200	35	150	150	300

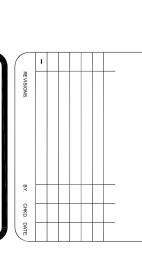
Carriageway Sub-Base and Capping Thickess.

Minimum total construction thickness to be 450mm assuming frost susceptibility of the subgrade. For CBR's of less than 2.5% seek further guidance. Ground Stabilsation Maybe Required. NOTE In areas requiring fill, levels beneath adoptable roads shall be made up and compacted to the satisfaction of Essex County Council. kness to be 450mm assuming frost

Bc = EXTERNAL DIAMETER OF PIPE BARREL Bd = Trench MdTh = Bc + 300 (Preferred) or Bc + 600 (Max) MIN 50— COMPRESSIBLE MATERIAL SUBFILL MATERIAL TO BE PLACED EVENLY ON BOTH SIDES OF PIPE TAKING CARE TO WORK THE MATERIAL UNDER THE LOWER QUADRANT OF THE PIPE BASURING THE PIPE IS NOT UFTED. BOTH SIDES OF THE TRENCH SHOULD BE FILLED SIMULTANEOUSLY TO AVOID HORIZONTAL MOVEMENT OF THE PIPE. NOTES 150 MIN GROUND LEVEL OR FORMATION LEVEL 50 | 150 — GRANULAR BEDDING MATERIAL MICHANICAL COMPACTION OF MAIN BACKFIL MATERIAL SHOULD NOT BE COMMENCED UNTIL THERE IS A TOTAL DEPTH OF COVER OF 300M ABOVE THE CROWN OF THE PIPE. — Flexibly Jointed Pipes 150 THICK CONCRETE SLAB, C20 WITH A393 MESH RE-INFORCEMENT (WITH 50 COVER TO BOTTOM) SUITABLE BACKFILL

UNEVEN (E.G. ROCK BANDS)	EVEN	TRENCH BOTTOM FINISH
Y = 200	Υ = 100	UNDER BARREL
Y = 150	Y = 50	UNDER SOCKET

B.25 - PIPE PROTECTION AT SHALLOW LAID PIPES.



STRUC: Bow Fe Tel: (01	IKEN IPUS
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	Braintree, Essex, CM7 33B. Tel: (01376) 326789 Fax: (01376) 342711	STRUCTURAL & CIVIL ENGINEERS

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STRUCTURAL & CIVIL ENGINEERS Bowman House, 191 South Street, Benither, Essex, (M170 OB. Bir (101376) 326788 Fax: (01376) 342711	

LYSTER GRILLET & HARDING/

PROJECT	T.J.EVERS LTD.

SPORTS HALL BUILDING

MISCELLANEOUS EXTERNAL WORKS DETAILS.	TO CHANCELLOR'S SCHOOL, PINE GROVE, BROCKMANS PARK, HATFIELD, AL9 7BN.

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DESIGNED AS	DRAWN AS	1:20, 1:10
CHECKED	DATE	
KAR	FEB' 2020	

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1. FOR GENERAL NOTES REFER TO DRAWING 20-6690/300.

FOR EXTERNAL WORKS LAYOUT AND EXTENT OF SURFACE FINISHES REFER TO ARCHITECTS DRAWINGS.