

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

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- SUBGRADE CALIFORNIA BEARING RATIO (CBR)**
10. ALL PAYMENT CONSTRUCTIONS ARE BASED ON AN ASSUMED CBR VALUE OF 5%. TO BE CONFIRMED BY INSITU TESTING AT FORMATION.
11. IT IS RECOMMENDED THAT CBR TESTS ARE CARRIED OUT TO CONFIRM AND SUB-BASE ADJUSTED IN ACCORDANCE WITH THE CAPPING AND SUB-BASE THICKNESS TABLE.
12. CBR TEST PROCEDURE IS DETAILED WITHIN DMRB CD 225 AND BS 1377-4.
13. MEASURED CBR VALUE TO BE AT FORMATION LEVEL AND IN A 'SOAKED' CONDITION.
14. ANY VARIATIONS IN GROUND CONDITIONS SHOULD BE NOTIFIED TO THE ENGINEER PRIOR TO CONSTRUCTION.

15. IN AREAS WHERE LEVELS ARE TO BE LOWERED, ACCEPTABLE FILLING/ENGINEERED FILL SHALL BE USED TO RAISE THE PROPOSED CONSTRUCTION MAKE UP TO THE EXISTING CONSTRUCTION GRADE.
16. THE CONSTRUCTION DEPTHS GIVEN ASSUMES FORMATION IS NON-FROST SUSCEPTIBLE.
17. WHERE FORMATION IS FROST SUSCEPTIBLE CONTRACTOR TO PROVIDE CAPPING MATERIAL TO GIVE A MINIMUM 450mm OVERALL CONSTRUCTION THICKNESS.
18. CONSTRUCTION DETAIL ARE FOR PRIVATE AREAS ONLY AND NOT FOR ADOPTABLE HIGHWAYS.
19. ALL SUB-BASES AND CAPPING LAYERS TO BE GRADED AND COMPACTED TO THE SHW.
20. NO RELATING OR FILL MATERIAL HAS BEEN INVOLVED IN CONSTRUCTION BUILD UP. CONTRACTOR TO INCLUDE FOR REGULATING/FILL MATERIAL IN THEIR RATES.
21. IN AREAS WHERE LEVELS ARE TO BE LOWERED, EXISTING CONSTRUCTION IS TO BE REMOVED [FULL DEPTH].

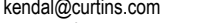
22. CAPPING MATERIAL TO BE TO SHW CLAUSE 613 SUB-FORMATION AND CAPPING.

23. SUB-BASE MATERIAL TO BE TO SHW CLAUSES 803 (TYPE 1), 804 (TYPE 2), 806 (CATEGORY B) OR 807 (TYPE 4). TYPE 1 IS MOST COMMONLY USED.

24. CGA (COARSE GRADED AGGREGATE) TO BE EITHER COARSE AGGREGATE 4-40MM OR 4-20MM TO BS 7533-13:2009, OR TYPE 3 TO SHW CLAUSE 805.

25. AC (ASPHALT CONCRETE) TO BE TO SHW CLAUSE 900.

26. LAYING COURSE FOR IMPERMEABLE PAVING UNIT TO BE NATURALLY OCCURRING SAND OR MORTAR IN ACCORDANCE WITH BS 7533 REQUIREMENTS.



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Client: _____

Project:

SPURR HOUSE, BURY

Drawn By GW	Designed By GW	Checked By AB
	Date 09/01/2023	Scales @ A1 AS STATED

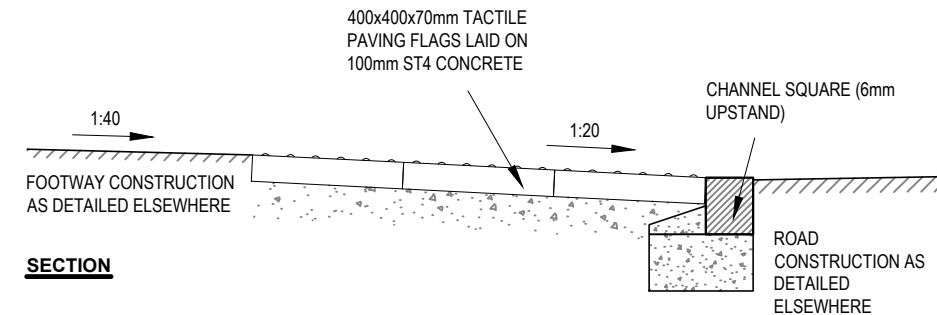


Diagram illustrating the layout of a 480mm x 480mm square paving unit on a sloped surface. The unit is labeled "480 MIN" for both width and height. The unit is composed of a grid of smaller squares, with a central area labeled "CS2" (Channel Square) and a surrounding area labeled "TK" (Transition Kerb). The unit is shown in a sloped position, with the slope indicated by a dashed line labeled "HB2" (Half Batter). The unit is also labeled "BUFF COLOURED PAVING TYPICALLY 400mm SQUARE".

125x255 HB2 HALF BATTERED (12.5%) PRECAST CONCRETE KERB BEDDED ON 10-40HTK M12 (I) MORTAR (1+3) (100 FACE)

50

75

150

100

C'WAY 30

GEN/ST1 CONCRETE FOUNDATION & BACKING

SUB BASE 330

HALF BATTERED (12.5%) KERB

(SCALE 1:20)

150x125 CS2 CHANNEL
SQUARE PRECAST
CONCRETE KERB
(NO UPSTAND)

VEHICLE ACCESS BOTH SIDES

75

150

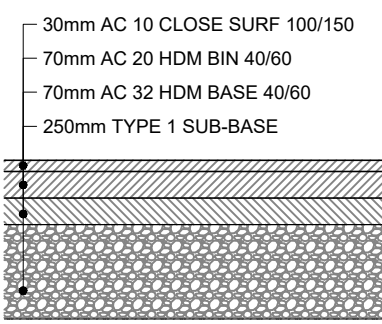
50

SUB BASE
425

GENO/ST1
CONCRETE
FOUNDATION
& BACKING

CHANNEL SQUARE
(SCALE 1:20)

- ALL PERMEABLE BUILD-UPS SHOWN ON THIS DRAWING ARE BASED ON GROUND HAVING A CBR VALUE OF 5.0%. ANY VARIATION FROM THIS FIGURE WILL REQUIRE AN AMENDED SUB-BASE SPECIFICATION - SEE TABLE.
- IN-SITU CBR TESTING WILL BE REQUIRED AT FORMATION LEVEL & TO BE IN "SOAKED" CONDITION.



NOTES:

- ALL BUILD-UPS SHOWN ON THIS DRAWING ARE BASED ON GROUND HAVING A CBR VALUE OF 2.5%. ANY VARIATION FROM THIS FIGURE WILL REQUIRE AN AMENDED SUB-BASE SPECIFICATION - SEE TABLE.
- IN-SITU CBR TESTING WILL BE REQUIRED AT FORMATION LEVEL & TO BE IN "SOAKED" CONDITION.
- SUB-BASE TO BE TYPE 1 & TYPE 3 GRANULAR MATERIAL TO DOT SHW SERIES 800.
- CBM TO BE TO BS7533 REQUIREMENTS.
- CAPPING TO BE 6F2 (OR 6F1) MATERIAL IN ACCORDANCE WITH SHW SERIES 600
- ALL COURSE DEPTHS ARE MINIMUM REQUIRED (AFTER FULL COMPACTION) OVER NON-ORGANIC, NATURAL SUB-SOILS AT FORMATION LEVEL.

* GROUND STABILISATION REQUIRED FOR AREAS WITH CBR <2.5%
CBM LIKELY.

