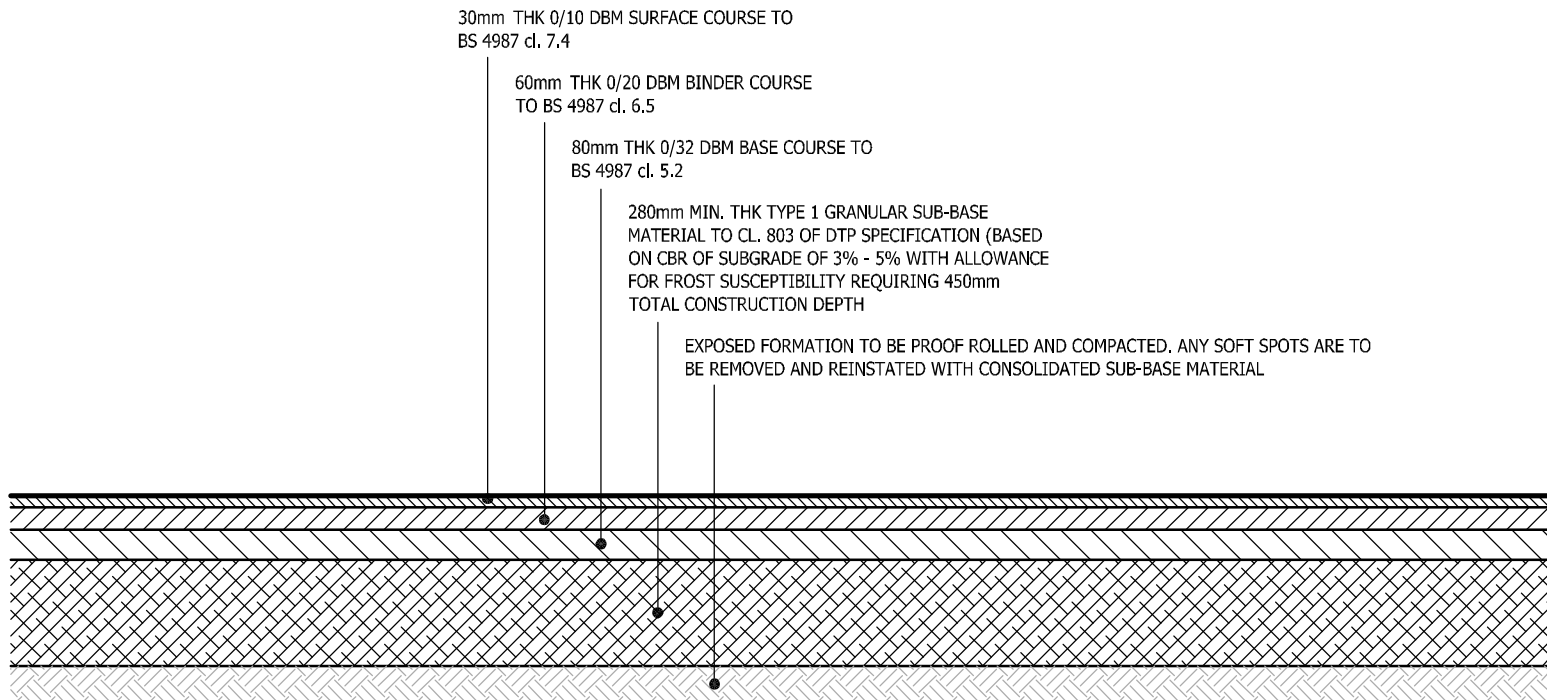
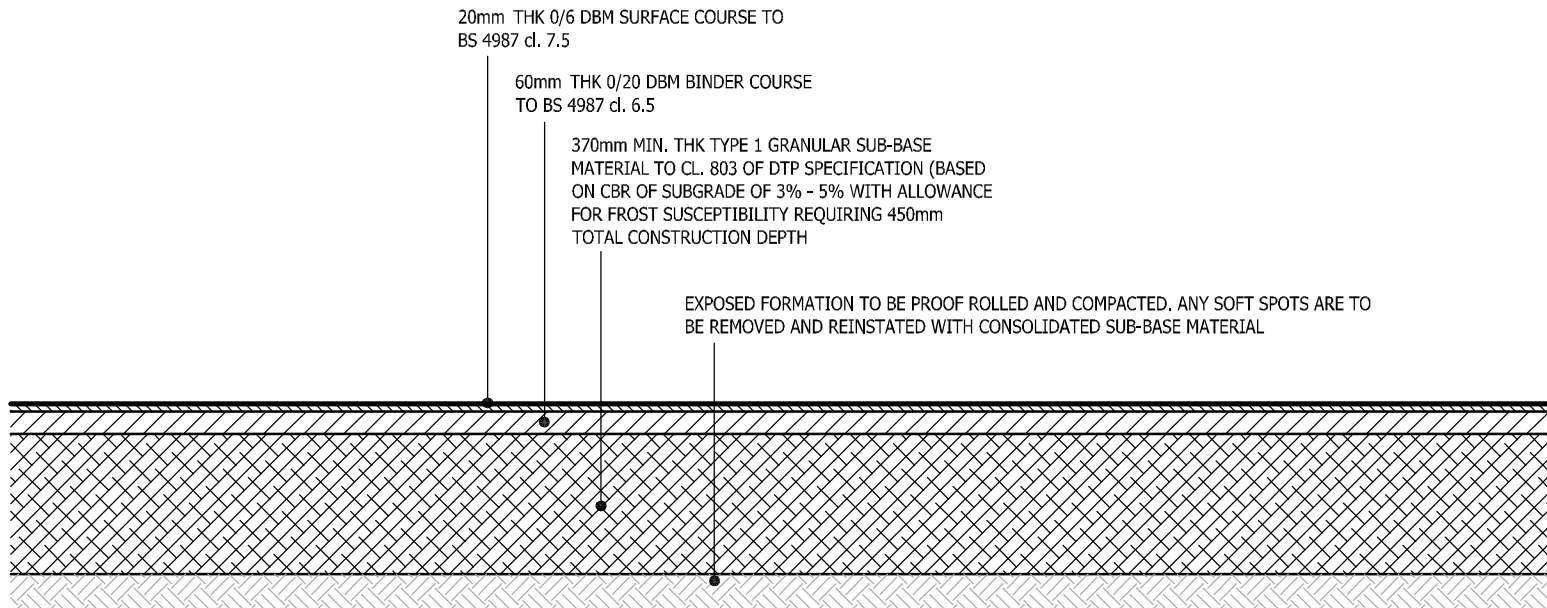




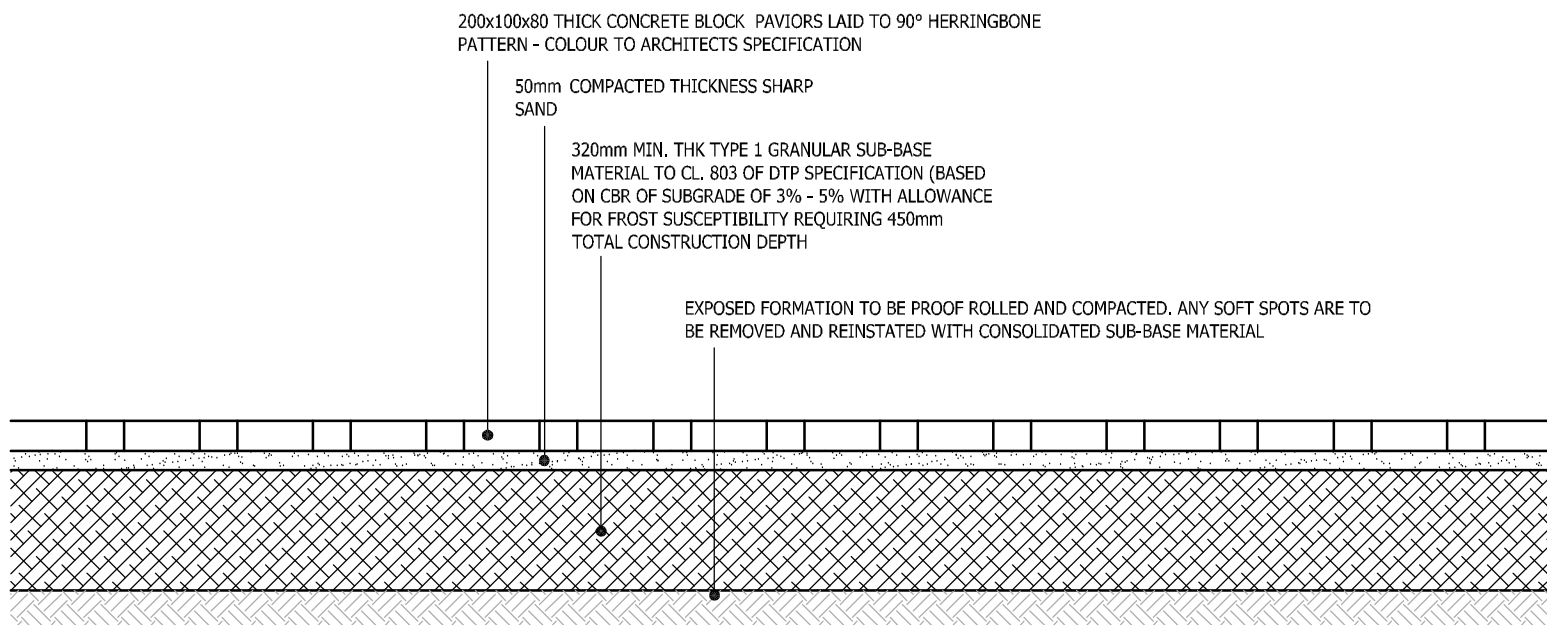
PARKING AND ASSOCIATED AREAS TYPICAL DETAIL
(BITMAC SURFACE - FREQUENT USE BY COMMERCIAL VEHICLES)

(Scale 1:20)



PRIVATE DRIVES AND PARKING TYPICAL DETAIL
(BITMAC SURFACE - CARS AND LIGHT VEHICLES)

(Scale 1:20)

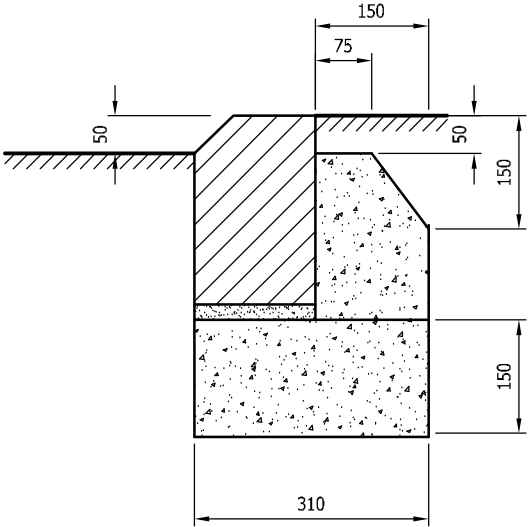


PARKING AND ASSOCIATED AREAS TYPICAL DETAIL
(BLOCKWORK SURFACE - FREQUENT USE BY COMMERCIAL VEHICLES)

(Scale 1:20)

250mm x 160mm x 130mm 'TEGULA' SETT TO BE BEDDED IN 20mm 1:3 CEMENT/ SAND MORTAR, CONCRETE BED AND HAUNCH GRADE GEN 1 (ST.1). FOR USE ADJACENT TO ALL SHARED DRIVES AND GARAGE ACCESSSES.

(BLOCKWORK SHARED MOVEMENT AREAS)

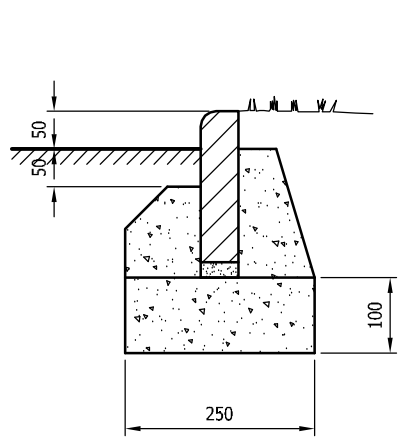


TEGULA KERB SETT DETAIL

(Scale 1:10)

200mm x 50mm BULLNOSED PRECAST CONCRETE EDGING (TYPE EBN TO BS 7763/P11). EDGING TO BE BEDDED ON 20mm 1:3 CEMENT/ SAND MORTAR, CONCRETE BED AND HAUNCH GRADE GEN 1 (ST.1).

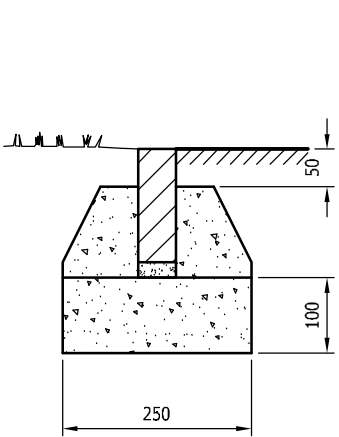
(BITMAC SHARED MOVEMENT AREAS)



PCC BULL-NOSED EDGING DETAIL

(Scale 1:10)

130mm x 50mm SQUARE PROFILE PRECAST CONCRETE EDGING (TYPE EBN TO BS 7763/P11). EDGING TO BE BEDDED ON 20mm 1:3 CEMENT/ SAND MORTAR, CONCRETE BED AND HAUNCH GRADE GEN 1 (ST.1).



PCC EDGING DETAIL

(Scale 1:10)

ROAD SUB-GRADE

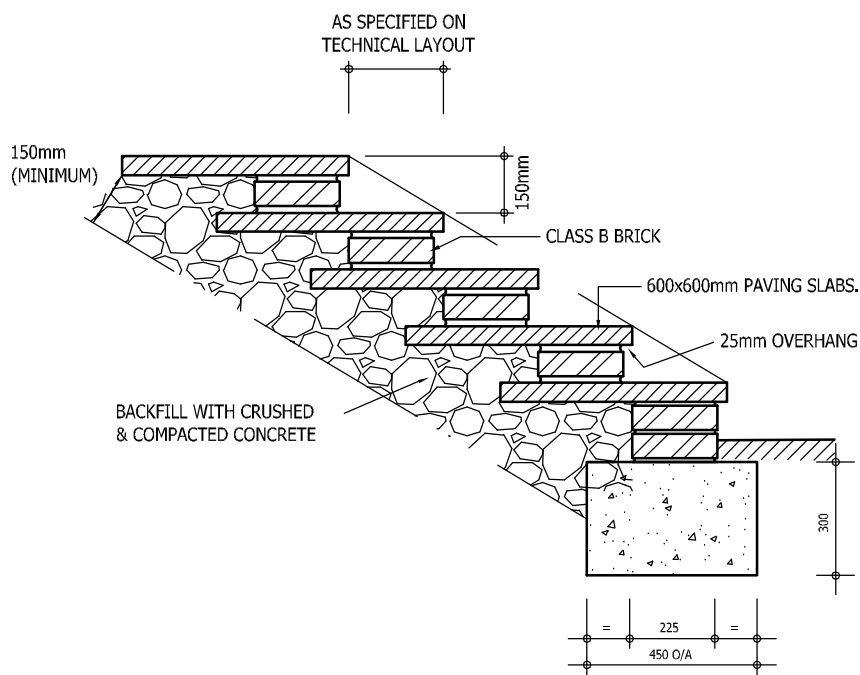
ROAD CONSTRUCTION SPECIFICATION IS BASED ON CBR VALUES OF 3-4%.

IF CBR IS FOUND TO BE LESS THAN 3% THEN 450mm CAPPING LAYER OF TYPE 3 CRUSHED CONCRETE OR EQUIVALENT CLASS 6F3 MATERIAL IS TO BE APPLIED BELOW 150mm THICK TYPE 1 GRANULAR SUB-BASE.

WHERE SUB-BASE IS SPECIFIED IN EXCESS OF 150mm THICKNESS, DEPTH CAN BE MADE UP WITH 150mm MIN TYPE 1 GRANULAR MATERIAL LAID ON TYPE 3 CRUSHED CONCRETE OR SIMILAR MATERIAL TO PROVIDE OVERALL SPECIFIED CONSTRUCTION DEPTHS.

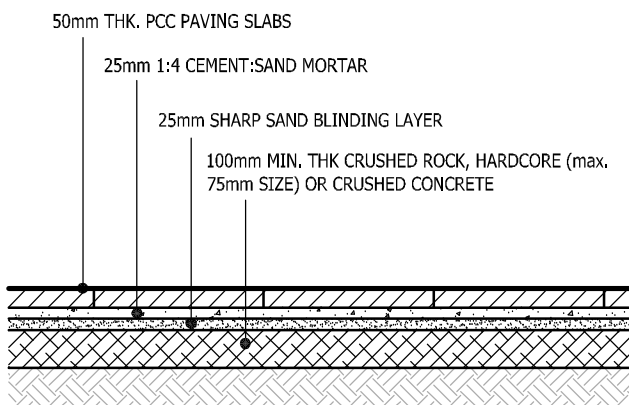
ANY SOFT SPOTS IN FORMATION TO BE EXCAVATED AND BACKFILLED WITH ADDITIONAL CAPPING LAYER MATERIAL WELL CONSOLIDATED IN LAYERS.

ALL FORMATIONS TO BE PROOF ROLLED TO AFFORD THE SUBGRADE SOME COMPACTION AND TO HELP IDENTIFY ANY VERY LOOSE, SOFT OR OTHERWISE UNSUITABLE MATERIAL THAT SHOULD BE REMOVED AND REPLACED AS NOTED ABOVE.



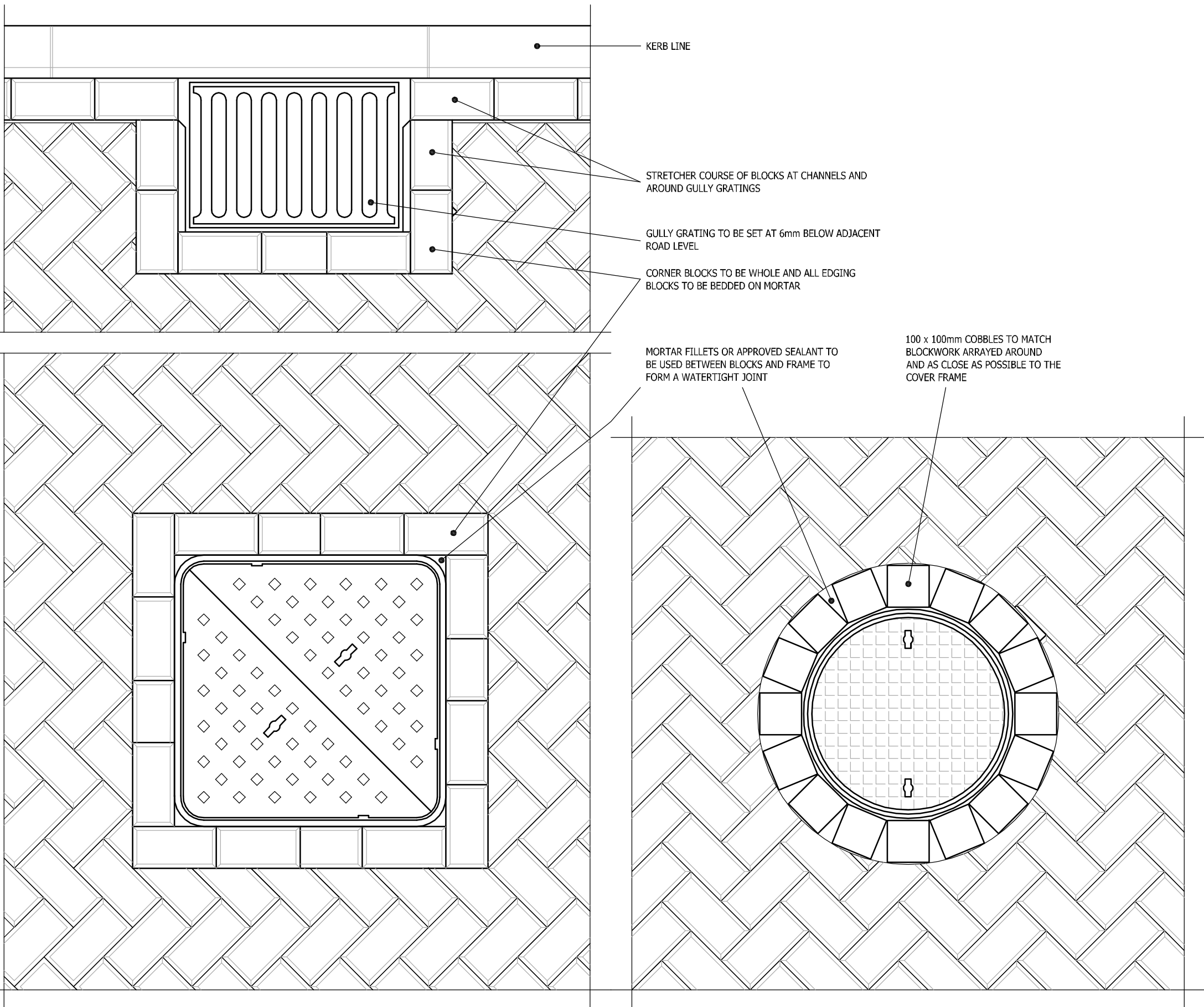
TYPICAL STEP DETAIL

(scale 1:20)



ACCESS PATHS AND PATIO DETAIL

(Scale 1:20)



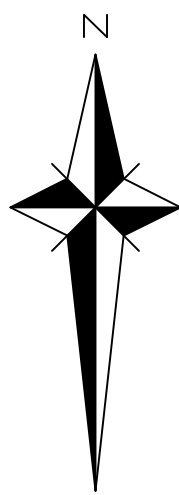
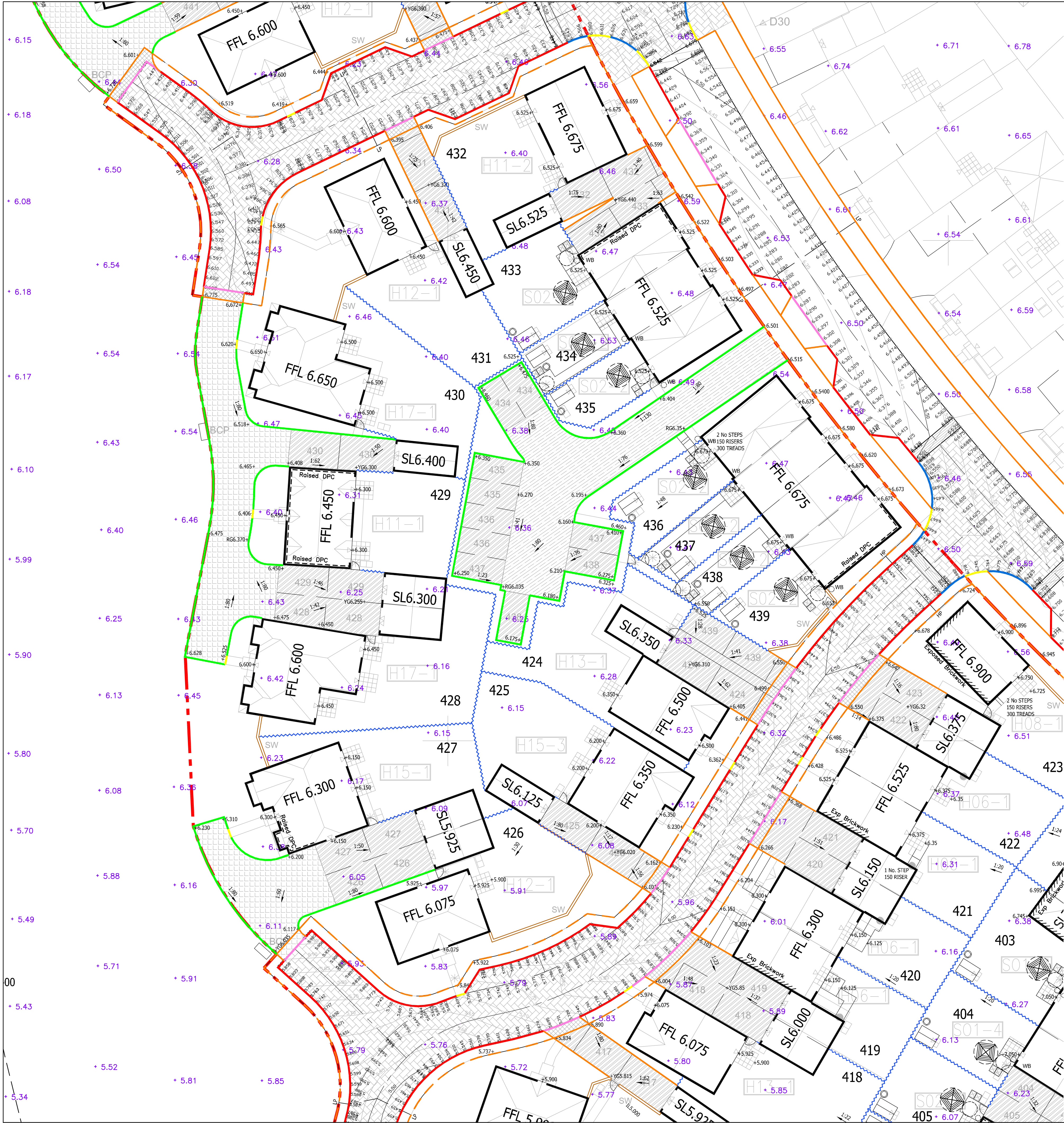
GRATING AND COVER DETAILS

(1:10 typical)

GENERAL NOTES

1. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non intrusive observations, record drawings or the like. The contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. any discrepancies shall be notified to gta prior to works commencing.
2. Tender or billing drawings shall not be used for construction or the ordering of materials.
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4. This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with H&S plan requirements
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6. All drawings specifications and recommendations made by gta are subject to Local Authority and other relevant Statutory Authorities approval. Any works or services made abortive due to the client proceeding prior to these approvals is considered wholly at the Clients risk. gta hold no responsibility for resulting abortive works or costs.

A	BLOCKWORK DRIVES DETAILS ADDED	14.07.14	DMS	ds	
-	GROUNDWORKS TENDER ISSUE	25.06.14	DMS	NS	
Rev	Amendments	Date	Dsn	Chk	
Status	GROUNDWORKS TENDER				
Client					
Project	PHASE 4a / 4b Courtwick Lane, Littlehampton				
Title	EXTERNAL WORKS CONSTRUCTION DETAILS				
Date	JUNE 2014	Scale @ A1	1:20 / 1:10		
Base Layout Ref.		CAD File ref.			
Clients Ref.		Project Ref.	4650		
 CONSULTING ENGINEERS gloucester house, 66a church walk, burgess Hill, west sussex, rh15 9as tel.01444 871444 fax.01444 871401 web: www.gtacivils.co.uk					
Drawing Number	4650/2041			Rev.	A



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KEY

- BELLWAY HOMES SITE BOUNDARY
All Construction Beyond this Boundary are Consortium Works
- Adoptable Carriageway (Tarmacadam)
(All Unhatched Roads – Refer to gta civils ltd Drawings, Series 4485 for Details of Infrastructure Works)
- Adoptable Carriageway (45° Herringbone Blockwork)
- Adoptable Footways (Tarmac)
- Adoptable Crossover (Tarmac)
- Parking Courts Movement Areas (45° Herringbone Blockwork)
- Parking Courts Movement Areas (Tarmac)
- Parking Spaces & Drives (Tarmac)
- All Access Paths & Patios
Slabs – 450 x 450 Buff Rivin
- PCC HB Kerbs with 115mm Upstand
- PCC BN Kerbs with 40mm Upstand
- PCC BN Kerbs with 25mm Upstand
- PCC BN Kerbs with 0–6mm Upstand
- PCC BN Edgings with 50mm Upstand
- PCC Flush Edging
- 1.8 m High Close Board Fence with 300mm Timber Trellis and Matching Gates
- GRAVEL BOARDS
Fencing with Concrete Gravel Boards
- SW
1.8m High Brick Wall to Architects' Detail
- Exposed Brickwork
Additional Exposed Brickwork
- RAISED DPC
Raised DPC
- WB
Water Butt with Lid & Tap
Connected to RWP with Overflow to SW Drainage
- Refuse and Recycling Bins
- Compost Bins
- 1.5m dia. Wheelchair Turning
- Rotary Drier
- Proposed Levels
- Existing Levels

D	LOTS 424, 433-439 UPDATED AS LATEST SUBSTRUCTURE ISSUE	25.07.14	DMS	NS
C	EXTENTS OF BLOCK PAVING UPDATED TO ACCORD WITH PLANNING LAYOUT	14.07.14	DMS	ds
B	HATCHING & ANNOTATIONS ADDED	27.06.14	DMS	NS
A	GROUNDWORKS TENDER ISSUE	25.06.14	DMS	NS
-	PRELIMINARY ISSUE FOR INFORMATION	16.06.14	DMS	ds
Rev	Amendments	Date	Dsn	Chk

Status CONSTRUCTION

Client

Project PHASES 4a / 4b
Courtwick Lane, Littlehampton

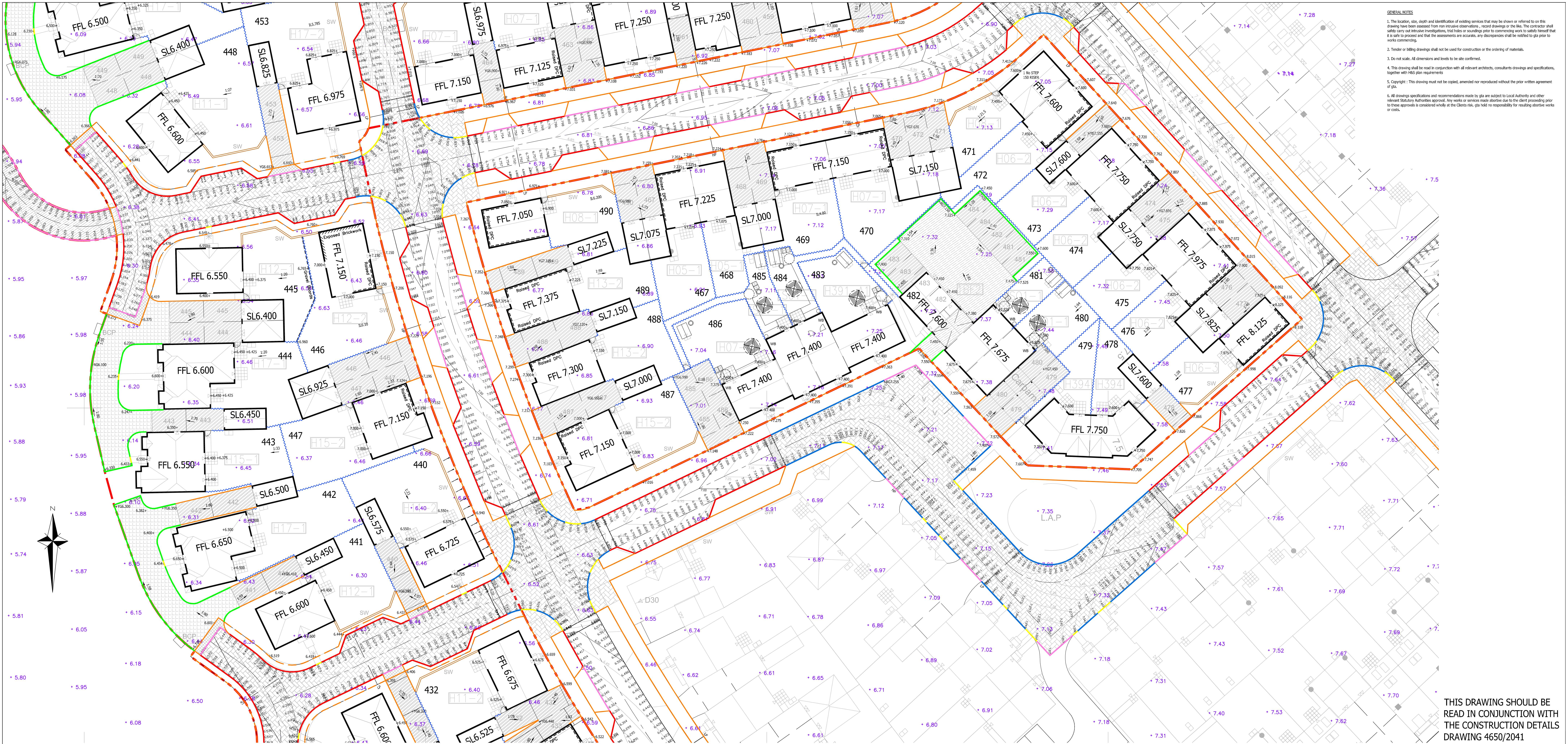
Title EXTERNAL WORKS LAYOUT
SHEET 2 OF 4
PLOTS 424 - 439

Date	JUNE 2014	Scale @ A1	1:200
Base Layout Ref.		CAD File ref.	
Clients Ref.		Project Ref.	4650

CONSULTING ENGINEERS
gloucester house, 66a church walk,
burgess hill, west sussex, rh15 9as
tel.01444 871444 fax.01444 871401 web: www.gtacivils.co.uk

Drawing Number	4650/2082	Rev.	D
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THIS DRAWING SHOULD BE
READ IN CONJUNCTION WITH
THE CONSTRUCTION DETAILS
DRAWING 4650/2041

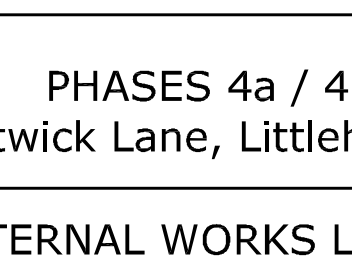


- GENERAL NOTES**
1. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non-intrusive operations, record drawings or the file. The contractor shall verify the location, size, depth and identification of existing services prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to gta prior to work commencing.
 2. Tender or billing drawings shall not be used for construction or the ordering of materials.
 3. Do not scale. All dimensions and levels to be site confirmed.
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THIS DRAWING SHOULD BE
READ IN CONJUNCTION WITH
THE CONSTRUCTION DETAILS
DRAWING 4650/2041

KEY

- BELLWAY HOMES SITE BOUNDARY
All Construction Beyond this Boundary
are Consortium Works
- Adoptable Carriageway (Tarmacadam)
(All Unhatched Roads - Refer to gta civils Rd Drawings,
Series 4480 for Details of Infrastructure Works)
- Adoptable Carriageway (45° Herringbone Blockwork)
- Adoptable Footways (Tarmac)
- Adoptable Crossover (Tarmac)
- Parking Courts Movement Areas
(45° Herringbone Blockwork)
- Parking Courts Movement Areas (Tarmac)
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Connected to RWP with Overflow to SW Drainage
- Refuse and Recycling Bins
- Compost Bins
- 1.5m dia. Wheelchair Turning
- Rotary Drier
- Proposed Levels
Existing Levels

D	PLOTS 467, 468, 471-472, 480-481, 483-486	25.07.14	DMS	NS
C	UPDATED AS LATEST SUBSTRUCTURE ISSUE			
B	EXTENTS OF BLOCK PAVING UPDATED TO ACCORD WITH PLANNING LAYOUT	14.07.14	DMS	NS
A	HATCHING & HATCHING LINES ACCORD 442-444 UPDATED TO CURRENT LAYOUT	01.07.14	DMS	NS
X	CIRCUMSTANCES TENDER ISSUE	25.06.14	DMS	NS
Rev	FREQUENCY ISSUE FOR INFORMATION	25.06.14	DMS	NS
Rev	Amendments	Date	Des	CHK
Status	CONSTRUCTION			
Client				
Project	PHASES 4a / 4b Courtney Lane, Littlehampton			
Title	EXTERNAL WORKS LAYOUT SHEET 3 OF 4 PLOTS 440-447 / 467-490			
Date	June 2014	Scale to A3	1:200	
Base Layout Ref.		CAD File ref.		
Client Ref.		Project Ref.	4650	
				
CONSULTING ENGINEERS glasgow house, 65a church walk, burgess hill, west sussex, rN15 9ds tel 01444 871444 fax 01444 871451 web: www.gtacivils.co.uk				
Drawing Number	4650/2083			Rev.
				D

