FOOTWAY CONSTRUCTION

OVERRUN AREA
150mm x 150mm GRANITE SETTS LAID ON 25mm MORTAR BEDDING ON 150mm THICK CLASS E CONCRETE FOUNDATION LAID ON 150mm THICK TYPE 1 SUB BASE AND 175mm THICK TYPE 6F2 CAPPING BASED ON A CBR OF 5% TO MATCH ADJACENT CARRIAGEWAY. OVER RUN STRIP DELINATED FROM CARRIAGEWAY BY 145 x 145 MARSHALLS TEXTURE KERBING LAID FLUSH.

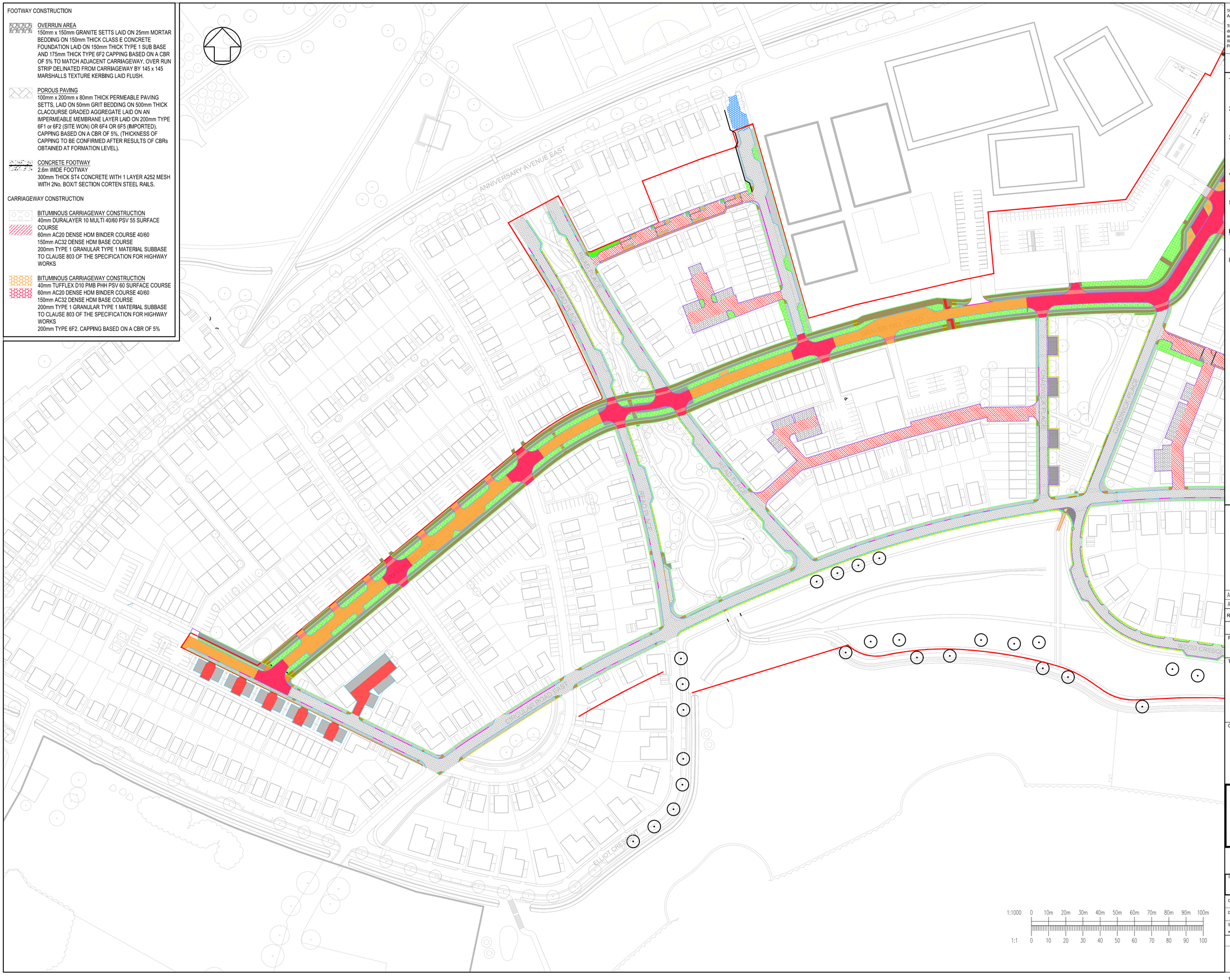
POROUS PAVING
100mm x 200mm x 80mm THICK PERMEABLE PAVING SETTS, LAID ON 50mm GRIT BEDDING ON 500mm THICK CLACOURSE GRADED AGGREGATE LAID ON AN IMPERMEABLE MEMBRANE LAYER LAID ON 200mm TYPE 6F1 or 6F2 (SITE WON) OR 6F4 OR 6F5 (IMPORTED). CAPPING BASED ON A CBR OF 5%, (THICKNESS OF CAPPING TO BE CONFIRMED AFTER RESULTS OF CBRs OBTAINED AT FORMATION LEVEL).

CONCRETE FOOTWAY
2.6m WIDE FOOTWAY
300mm THICK ST4 CONCRETE WITH 1 LAYER A252 MESH WITH 2No. BOX/T SECTION CORTEN STEEL RAILS.

CARRIAGEWAY CONSTRUCTION

BITUMINOUS CARRIAGEWAY CONSTRUCTION
40mm DURALAYER 10 MULTI 40/60 PSV 55 SURFACE COURSE
60mm AC20 DENSE HDM BINDER COURSE 40/60
150mm AC32 DENSE HDM BASE COURSE
200mm TYPE 1 GRANULAR TYPE 1 MATERIAL SUBBASE TO CLAUSE 803 OF THE SPECIFICATION FOR HIGHWAY WORKS

BITUMINOUS CARRIAGEWAY CONSTRUCTION
40mm TUFFLEX D10 PMB PHH PSV 60 SURFACE COURSE
60mm AC20 DENSE HDM BINDER COURSE 40/60
150mm AC32 DENSE HDM BASE COURSE
200mm TYPE 1 GRANULAR TYPE 1 MATERIAL SUBBASE TO CLAUSE 803 OF THE SPECIFICATION FOR HIGHWAY WORKS
200mm TYPE 6F2. CAPPING BASED ON A CBR OF 5%



1:1000 0 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m

1:1 0 10 20 30 40 50 60 70 80 90 100

This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.

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GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEER'S, ARCHITECT'S OR OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARING ANY WORKING DRAWINGS OR COMMENCING ON SITE.
3. THE CONTRACTOR MUST ENSURE AND WILL BE HELD RESPONSIBLE FOR THE OVERALL STABILITY OF THE BUILDING/STRUCTURE/EXCAVATION AT ALL STAGES OF THE WORK.
4. ALL WORK BY THE CONTRACTOR MUST BE CARRIED OUT IN SUCH A WAY THAT ALL REQUIREMENTS UNDER THE HEALTH AND SAFETY AT WORK ACT ARE SATISFIED.
5. ALL WORK IS TO BE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES AND REGULATIONS.

KEY:

PHASE 1A CONSTRUCTION BOUNDARY

FOOTWAY CONSTRUCTION

BITUMINOUS CYCLE LANE CONSTRUCTION
20mm AC6 DENSE SURF 70/100 PEN
50mm AC20 DENSE BIN 70/100 PEN
150mm GRANULAR SUB BASE (TYPE 1)
NOTE: WHERE THE CYCLE LANE CONSTRUCTION IS ADJACENT TO THE CARRIAGEWAY, THE SUB BASE IS TO BE REPLACED WITH 150mm THICK LEAN MIX CONCRETE. IF THE CBR's ARE LESS THAN 5% OR 75mm IF THE CBR's ARE MORE THAN 5%

FOOTWAY CONSTRUCTION (COMBINATION OF)
MARSHALLS 600 x 900 x 50 THICK AND 600 x 600 x 50 THICK CONSERVATION SMOOTH GROUND CONCRETE PAVING SILVER GREY IN COLOUR ON 30mm PROPRIETARY MORTAR BEDDING ON 150mm TYPE 1 GSB AND 250mm THICK TYPE 6F1, 6F2, 6F4, OR 6F5.

BITUMINOUS FOOTWAY CONSTRUCTION
20mm AC6 DENSE SURF 70/100 TO BS EN13108-1
50mm AC20 DENSE BIN 70/100 TO BS EN13108-1
150mm LEAN MIX CONCRETE
150mm TYPE 1 GSB BENEATH THE LEAN MIX IF THE CBRs ARE LESS THAN 5% OR 75mm IF THE CBRs ARE MORE THAN 5%.

SOFT LANDSCAPING
DETAILS OF PROPOSED LANDSCAPING AS PER LANDSCAPE ARCHITECTS DRAWINGS

HARD LANDSCAPING
DETAILS OF PROPOSED LANDSCAPING AS PER LANDSCAPE ARCHITECTS DRAWINGS

Rev	Date	Description	By
A02	20.03.25	OCC COMMENTS INCORPORATED	JH
A01	28.01.25	FIRST ISSUE	JL

Amendments

Project

Title

PHASE 1A
CONSTRUCTION AREAS
SHEET 3

Client

Graven Hill Village Development Company

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Drawing Status

PRELIMINARY

Designed by	JL	Checked by	NJH
Drawn by	JL	Date	JANUARY 2025
Scales @ A1 work to figured dimensions only	1:1000		

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