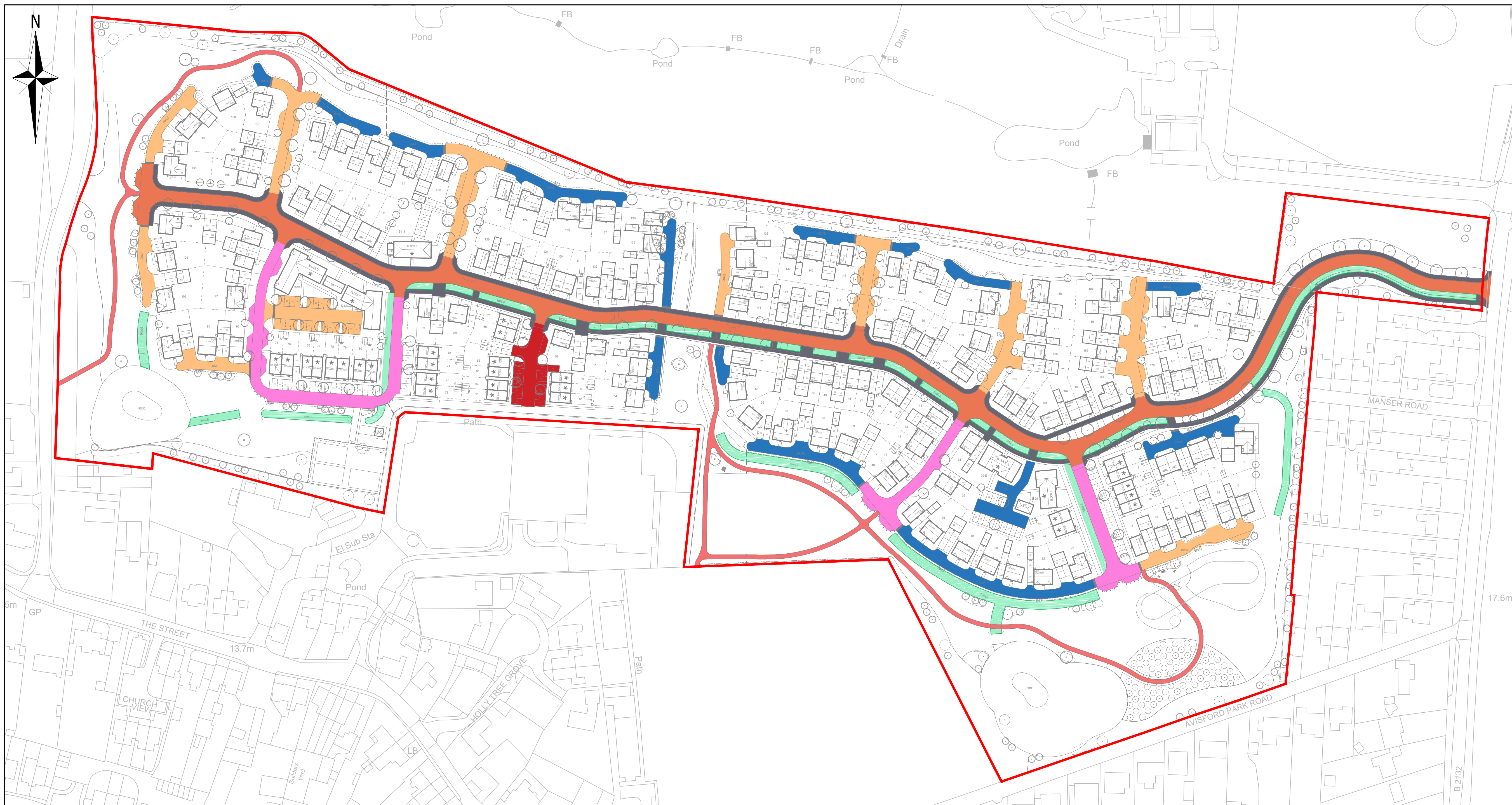




- KEY**
- ASPHALT CARRIAGEWAY
 - ASPHALT FOOTWAY
 - BLOCK-PAVED SHARED SURFACE
 - PERMEABLE BLOCK-PAVED SHARED SURFACE
 - PERMEABLE BLOCK-PAVED SHARED ACCESS WITH PERMAVOID SUB-BASE
 - SHARED DRIVEWAY ACCESS
 - RURAL FOOTPATH - REFER TO WSCC DETAIL (TYPE A) S278/38/06

FOR INFORMATION ONLY

ASPHALT CARRIAGEWAY CONSTRUCTION SPECIFICATION

KERB UPSTAND TO BE 125mm (EXCEPT ADJACENT TO SWALE WHERE RELEVANT CHANNEL KERB IS TO HAVE 60mm UPSTAND)

CARRIAGEWAY

SURFACE COURSE
20mm OF STRETCH BITUMINOUS MACADAM (100/150 PEN PAVING GRADE BETWEEN) WITH CRUSHED ROCK AGGREGATE TO BS 4987 (100mm SIZE TO CLAUSE 7.4)

BINDER COURSE
80mm OF STRETCH BITUMINOUS MACADAM (100/150 PEN PAVING GRADE BETWEEN) WITH CRUSHED ROCK AGGREGATE TO BS 4987 (200mm SIZE TO CLAUSE 8.5)

BASE COURSE
100mm OF STRETCH BITUMINOUS MACADAM (100 PEN PAVING GRADE BETWEEN) WITH CRUSHED ROCK AGGREGATE TO BS 4987 (100mm SIZE TO CLAUSE 8.5)

SUB-BASE
150mm MIN. OF TYPE 1 GRANULAR MATERIAL TO COMPLY WITH CLAUSE B03, MCHV 2.5 (100mm MIN. OF CLASS 4/1 MATERIAL TO CLAUSE 6.13 AND TABLE 6.1 OF SERIES 600 OF MCHV) (GRADE: UPON A CBR OF 2.0% - IF DIFFERENT, REFER TO ENGINEER FOR CLARIFICATION)

CAPPING LAYER
350mm MIN. OF CLASS 4/1 MATERIAL TO CLAUSE 6.13 AND TABLE 6.1 OF SERIES 600 OF MCHV (GRADE: UPON A CBR OF 2.0% - IF DIFFERENT, REFER TO ENGINEER FOR CLARIFICATION)

CARRIAGEWAY CONSTRUCTION SPECIFIED ABOVE IS SUITABLE FOR CBR VALUES OF BETWEEN 2% & 5% FOR CBR VALUES OUTSIDE OF THIS RANGE, REFER BACK TO THE ENGINEER FOR CLARIFICATION.

CONSTRUCTION SPECIFICATION FOR BLOCK PAVING ON SHARED SURFACES (NON-PERMEABLE)

KERB UPSTAND TO BE 25mm

BLOCK PAVING
80mm THICK 200 x 100 PERMEABLE BLOCK PAVING AS 'BRETTS OMEGA FLOW' (OR SIMILAR APPROVED), Laid IN 45° HERRINGBONE PATTERN. COLOUR: BRINDLE. REFER TO KERBING AND PAVING LAYOUT FOR BLOCK EXTENTS

LAYING COURSE
30mm SHARP SAND TO BS 7533-3 CATEGORY II OF ANNEX D

BASE COURSE
125mm AC 20 DENSE BASE 40/60 REC TO BS EN 13108-1 ASPHALT CONCRETE, CAREFULLY PUNCHED WITH 75mm HOLES @ 750mm C/C AND FILLED WITH 2.5mm SIZE CLEAN AGGREGATE TO BS EN 12542:2002, PRIOR TO INSTALLATION OF LAYING COURSE & BLOCKS.

SUB-BASE
150mm MIN. OF TYPE 1 GRANULAR MATERIAL TO COMPLY WITH CLAUSE B03, MCHV 2.5 (100mm MIN. OF CLASS 4/1 MATERIAL TO CLAUSE 6.13 AND TABLE 6.1 OF SERIES 600 OF MCHV) (GRADE: UPON A CBR OF 2.0% - IF DIFFERENT, REFER TO ENGINEER FOR CLARIFICATION)

CAPPING LAYER
350mm MIN. OF CLASS 4/1 MATERIAL TO CLAUSE 6.13 AND TABLE 6.1 OF SERIES 600 OF MCHV (GRADE: UPON A CBR OF 2.0% - IF DIFFERENT, REFER TO ENGINEER FOR CLARIFICATION)

CARRIAGEWAY CONSTRUCTION SPECIFIED ABOVE IS SUITABLE FOR CBR VALUES OF BETWEEN 2% & 5% FOR CBR VALUES OUTSIDE OF THIS RANGE, REFER BACK TO THE ENGINEER FOR CLARIFICATION.

CONSTRUCTION SPECIFICATION FOR BLOCK PAVED PERMEABLE PAVING ON SHARED PRIVATE DRIVES

KERB UPSTAND TO BE 25mm

BLOCK PAVING
80mm THICK 200 x 100 PERMEABLE BLOCK PAVING AS 'BRETTS OMEGA FLOW' (OR SIMILAR APPROVED), Laid IN 45° HERRINGBONE PATTERN. COLOUR: BRINDLE. REFER TO KERBING AND PAVING LAYOUT FOR BLOCK EXTENTS

LAYING COURSE
30mm SHARP SAND TO BS 7533-3 CATEGORY II OF ANNEX D

BASE COURSE
125mm AC 20 DENSE BASE 40/60 REC TO BS EN 13108-1 ASPHALT CONCRETE, CAREFULLY PUNCHED WITH 75mm HOLES @ 750mm C/C AND FILLED WITH 2.5mm SIZE CLEAN AGGREGATE TO BS EN 12542:2002, PRIOR TO INSTALLATION OF LAYING COURSE & BLOCKS.

SUB-BASE
150mm MIN. OF TYPE 1 GRANULAR MATERIAL TO COMPLY WITH CLAUSE B03, MCHV 2.5 (100mm MIN. OF CLASS 4/1 MATERIAL TO CLAUSE 6.13 AND TABLE 6.1 OF SERIES 600 OF MCHV) (GRADE: UPON A CBR OF 2.0% - IF DIFFERENT, REFER TO ENGINEER FOR CLARIFICATION)

PERMEABLE GEOTEXTILE
POLYPROPYLENE PERMEABLE GEOTEXTILE

ALL MATERIAL SPECIFICATION AND WORKMANSHIP OF PERMEABLE PAVING CONSTRUCTION TO BE STRICTLY IN ACCORDANCE WITH RECOMMENDATIONS BY CHANCON.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE PUNCTURING PROCESS OF THE BASE COURSE (SBN LAYER) IS CARRIED OUT AS NEATLY AND CAREFULLY AS POSSIBLE TO MINIMISE DISTURBANCE AND MAINTAIN THE STRUCTURAL INTEGRITY OF THE SUB-BASE.

ON COMPLETION OF THE PUNCTURING PROCESS, THE CONTRACTOR IS TO REQUEST AN INSPECTION OF THE SURFACE FOR APPROVAL, PRIOR TO THE INSTALLATION OF THE LAYING COURSE AND BLOCKS.

ASPHALT FOOTPATH CONSTRUCTION SPECIFICATION

KERB UPSTAND TO BE 60mm

ASPHALT FOOTPATH

SURFACE COURSE
20mm OF STRETCH BITUMINOUS MACADAM (100/150 PEN PAVING GRADE BETWEEN) REC TO BS EN 13108-1

BINDER COURSE
50mm OF STRETCH BITUMINOUS MACADAM (100/150 PEN PAVING GRADE BETWEEN) REC TO BS EN 13108-1

SUB-BASE
225mm MIN. OF TYPE 1 GRANULAR MATERIAL TO CLAUSE B03, MCHV 1

CONSTRUCTION SPECIFICATION FOR BLOCK PAVED PERMEABLE PAVING WITH PERMAVOID SUB-BASE ON SHARED PRIVATE DRIVES

KERB UPSTAND TO BE 125mm

BLOCK PAVING
80mm THICK 200 x 100 PERMEABLE BLOCK PAVING AS 'BRETTS OMEGA FLOW' (OR SIMILAR APPROVED), Laid IN 45° HERRINGBONE PATTERN. COLOUR: BRINDLE. REFER TO KERBING AND PAVING LAYOUT FOR BLOCK EXTENTS

LAYING COURSE
30mm SHARP SAND TO BS EN 12542:2002

BASE COURSE
125mm AC 20 DENSE BASE 40/60 REC TO BS EN 13108-1 ASPHALT CONCRETE, CAREFULLY PUNCHED WITH 75mm HOLES @ 750mm C/C AND FILLED WITH 2.5mm SIZE CLEAN AGGREGATE TO BS EN 12542:2002, PRIOR TO INSTALLATION OF LAYING COURSE & BLOCKS.

SUB-BASE
150mm MIN. OF TYPE 1 GRANULAR MATERIAL TO CLAUSE B03, MCHV 1

PERMAVOID
400mm MIN. OF PERMAVOID ATTENUATION CHARTS WITH A 5% VOID STORAGE VOLUME.

PERMEABLE GEOTEXTILE
POLYPROPYLENE PERMEABLE GEOTEXTILE

ALL MATERIAL SPECIFICATION AND WORKMANSHIP OF PERMEABLE PAVING CONSTRUCTION TO BE STRICTLY IN ACCORDANCE WITH RECOMMENDATIONS BY CHANCON.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE PUNCTURING PROCESS OF THE BASE COURSE (SBN LAYER) IS CARRIED OUT AS NEATLY AND CAREFULLY AS POSSIBLE TO MINIMISE DISTURBANCE AND MAINTAIN THE STRUCTURAL INTEGRITY OF THE SUB-BASE.

ON COMPLETION OF THE PUNCTURING PROCESS, THE CONTRACTOR IS TO REQUEST AN INSPECTION OF THE SURFACE FOR APPROVAL, PRIOR TO THE INSTALLATION OF THE LAYING COURSE AND BLOCKS.

CONSTRUCTION SPECIFICATION FOR NON PERMEABLE BLOCK PAVED SHARED PRIVATE DRIVE AREAS

KERB UPSTAND TO BE 25mm

BLOCK PAVING
80mm THICK 200 x 100 PERMEABLE BLOCK PAVING AS 'BRETTS OMEGA FLOW' (OR SIMILAR APPROVED), Laid IN 45° HERRINGBONE PATTERN. COLOUR: BRINDLE. REFER TO KERBING AND PAVING LAYOUT FOR BLOCK EXTENTS

LAYING COURSE
30mm SHARP SAND TO BS EN 12542:2002

BASE COURSE
125mm AC 20 DENSE BASE 40/60 REC TO BS EN 13108-1 ASPHALT CONCRETE, CAREFULLY PUNCHED WITH 75mm HOLES @ 750mm C/C AND FILLED WITH 2.5mm SIZE CLEAN AGGREGATE TO BS EN 12542:2002, PRIOR TO INSTALLATION OF LAYING COURSE & BLOCKS.

SUB-BASE
150mm MIN. OF TYPE 1 GRANULAR MATERIAL TO CLAUSE B03, MCHV 1

SUB-BASE
250mm MIN. OF TYPE 1 GRANULAR MATERIAL TO CLAUSE B03, MCHV 1