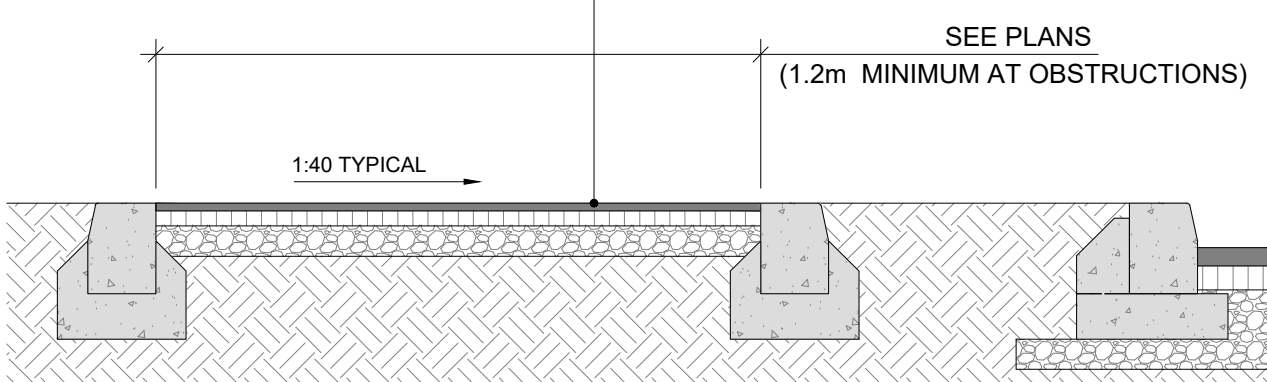


B FOOTPATHS / CYCLE PATHS

B1 ASPHALT / BITUMEN MACADAM

B1.2 COLOURED ASPHALT FOOTPATH

30mm min. THICK OF BUFF SMA 10 SURF PWB 65/105-40 TO IS EN 13108-5 & CC-SPW-00000 ON
50mm min. THICK OF AC20 DENSE BN 70/100 TO IS EN 13108-1 & CC-SPW-00000 ON
200mm min. THICK OF UNBOUND GRANULAR SUB-BASE TYPE B: UBGM BC TO CC-SPW-00000



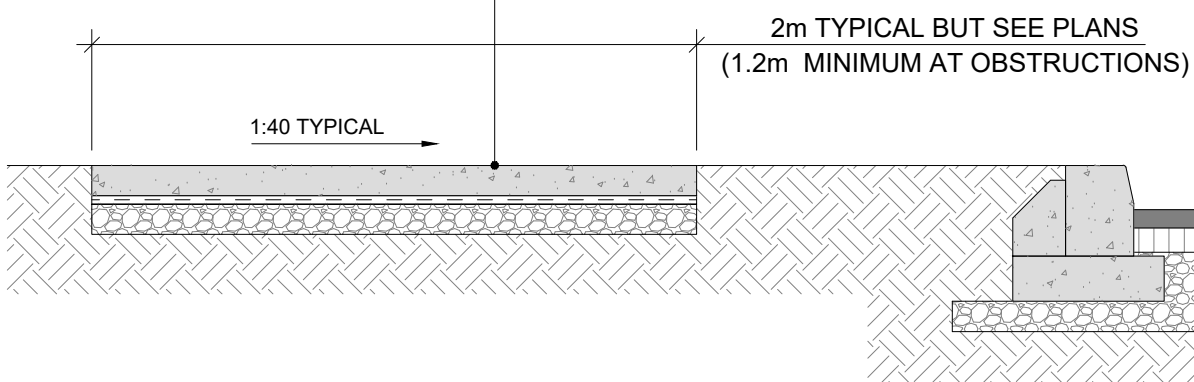
TYPICAL CROSS SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

B2 CONCRETE

B2.1 IN-SITU CONCRETE FOOTPATHS

*100mm THICK IN-SITU CONCRETE FOOTPATH (SEE NOTE 5) ON POLYTHENE SHEETING SEPARATING MEMBRANE 125 MICRONS THICK (300 LAPS) ON 150mm UNBOUND GRANULAR SUB-BASE TYPE B: UBGM BC TO CC-SPW-00000
PROVIDE TRANSVERSE CONTRACTION JOINTS IN FOOTPATH @ 3m Cts. USING A DOUBLE LAYER OF ROOFING FELT TO IS 38 FOR THE FULL DEPTH OF THE JOINT.
*AT VEHICULAR CROSSINGS INCREASE DEPTH OF CONCRETE TO 200mm
PROVIDE BOTTOM LAYER OF A393 MESH.



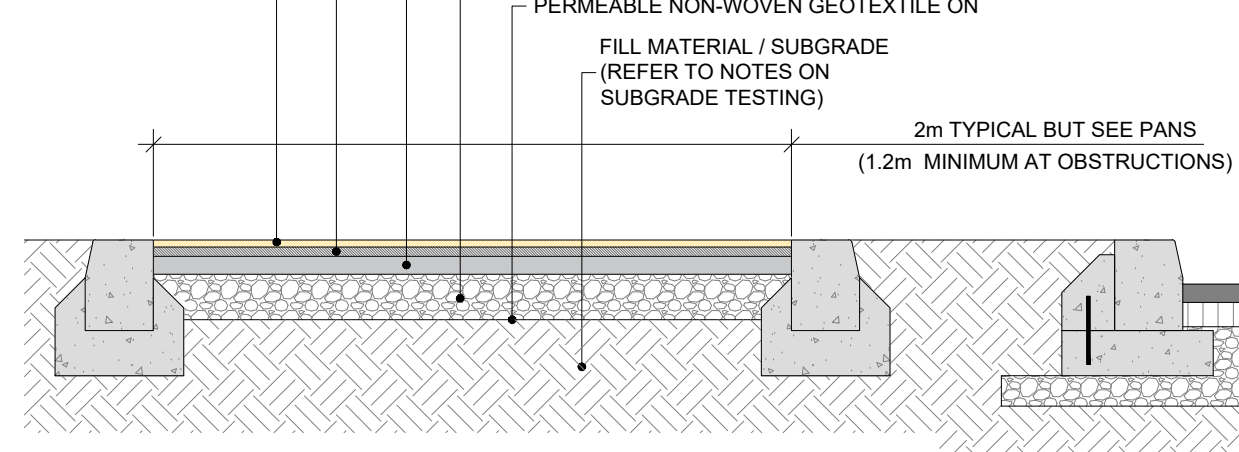
TYPICAL CROSS SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

B5 RESIN BOUND GRAVEL (POROUS)

B5.1 POROUS RESIN BOUND GRAVEL

24mm COLOURED RESIN BOUND GRAVEL TO LANDSCAPE ARCHITECT'S SPECIFICATION ON
30mm MIN THICK OF AC 14 OPEN SURF BINDER COURSE (MAX. 100/150 PEN) TO IS EN 13108 OR
60mm MIN THICK OF AC 20 OPEN BASE COURSE (MAX. 100/150 PEN) TO IS EN 13108 ON
150mm WELL COMPACTED TYPE 420 GRADED CRUSHED CONCRETE AGGREGATE TO EN 12020 ON
PERMEABLE NON-WOVEN GEOTEXTILE ON
FILL MATERIAL / SUBGRADE (REFER TO NOTES ON SUBGRADE TESTING)

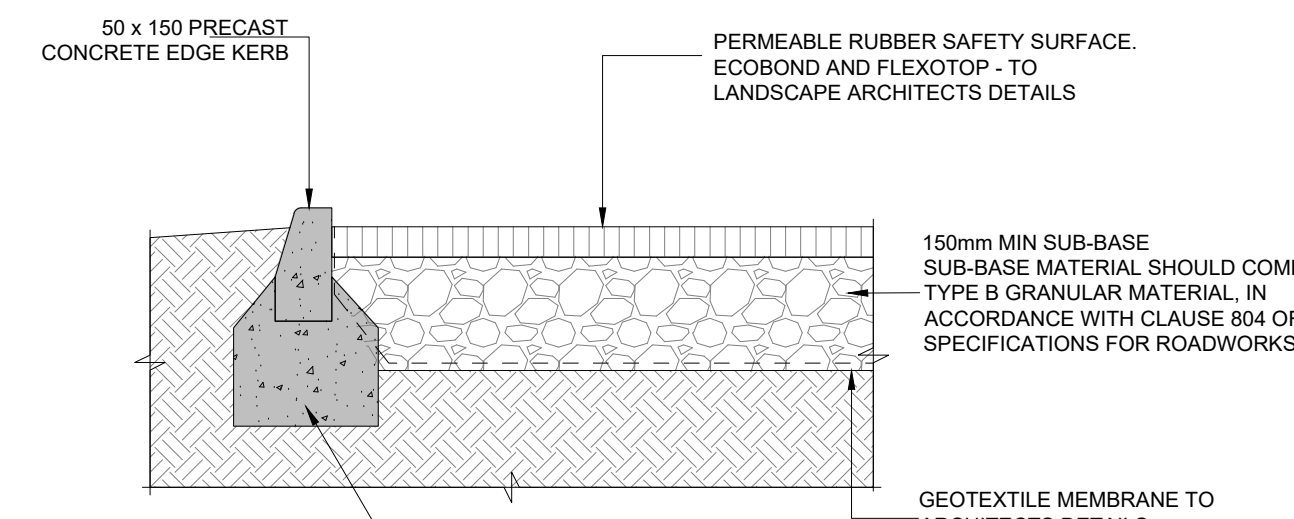


TYPICAL CROSS SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

B7 WETPOUR PLAY SURFACE

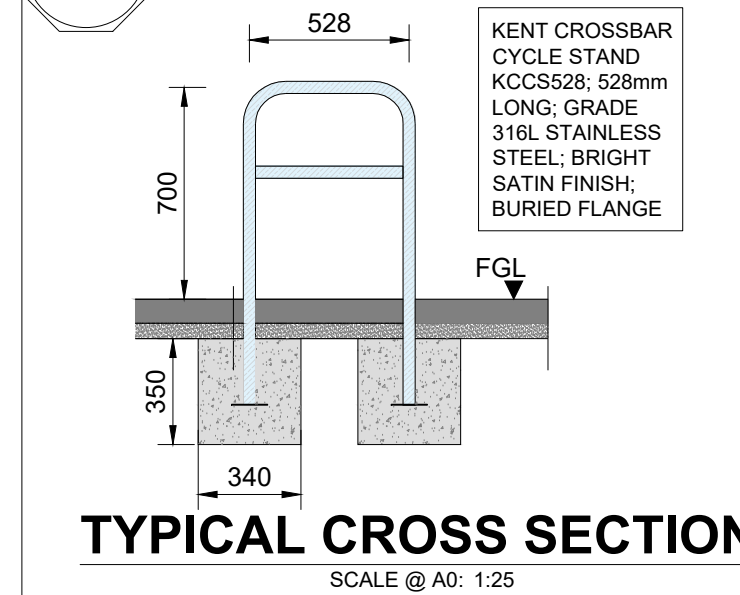
B7.1 WETPOUR PLAY SURFACE



TYPICAL SECTION

SCALE @ A0: 1:10
SCALE @ A2: 1:50

I BIKE STAND DETAILS



TYPICAL CROSS SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

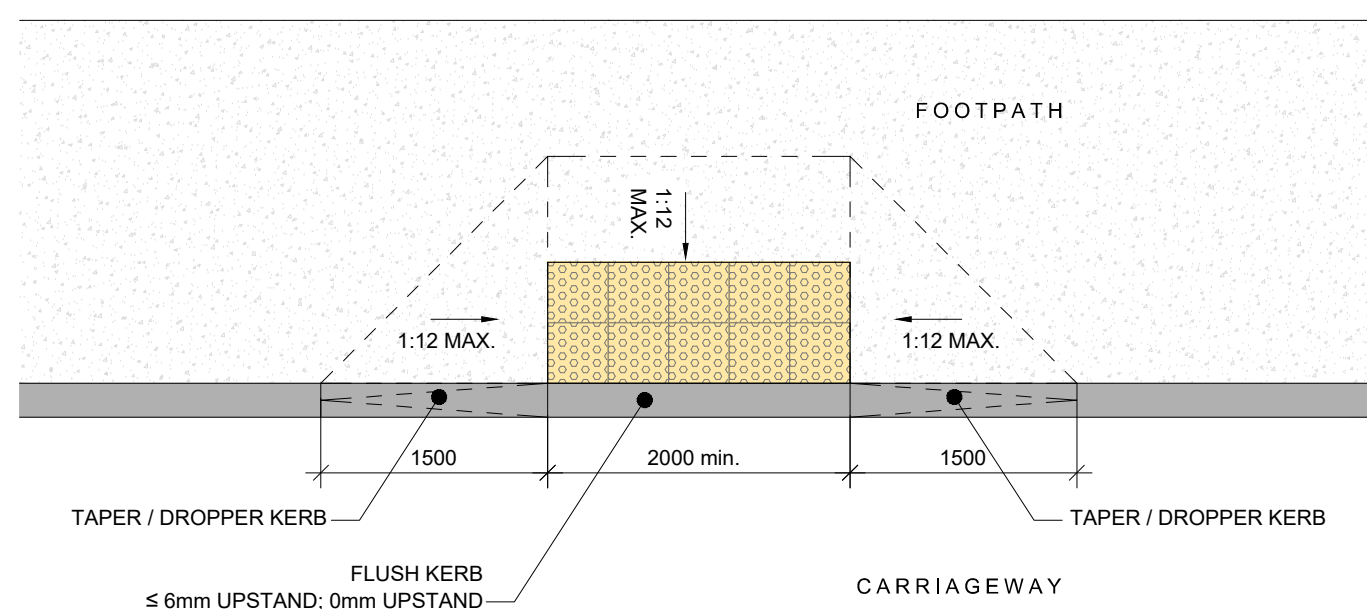
NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.
- LINEAR DRAINAGE CHANNEL SYSTEMS SHALL BE FULLY COMPLIANT WITH IS EN 1433:2002 AND CERTIFIED TO THE LOAD CASES SPECIFIED ON THE DRAWINGS AND AS DEFINED IN IS EN 1433:2002.
- GRADED LINEAR DRAINAGE CHANNEL SYSTEMS SHALL BE OF 100mm, 150mm OR 200mm NOMINAL INTERNAL WIDTH, AS SPECIFIED ON THE DRAWINGS. MANUFACTURED FROM HIGH STRENGTH POLYMER CONCRETE WITH CAST-IN GALVANISED STEEL EDGE RAILS. THE CHANNELS SHALL BE INSTALLED WITH MANUFACTURERS DUCTILE IRON OR STAINLESS STEEL GRATING APPROPRIATE TO THE SPECIFIED LOAD CLASS AND LOCKED SECURELY IN PLACE. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
- SLOTTED LINEAR DRAINAGE CHANNEL SYSTEMS SHALL BE CHOSEN ACCORDING TO THE LOAD CLASS REQUIRED AND MANUFACTURED FROM HIGH STRENGTH POLYMER CONCRETE INCORPORATING A 10mm WIDE CENTRALLY POSITIONED SLOT. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

BX.1 TYPICAL TACTILE PAVING & DROP KERB DETAILS (AT INSET UNCONTROLLED CROSSING)

TACTILE BLISTER PAVING:
• "BUFF" IN COLOUR
• 1:12 SLOPE MAXIMUM (1:20 PREFERABLE)
• 400x400x50mm MODULE TYPE B SLABS (30 DOMES) IN ACCORDANCE WITH TS 505:05:18 AND UK DfT PUBLICATION GUIDANCE ON THE USE OF TACTILE PAVING SURFACES.
• LAY 2 SLABS DEEP (800mm MIN.) FROM REAR FACE OF KERB AT INSET CROSSINGS.
• THE DOMES MUST BE LINED UP TO INDICATE DIRECTION OF TRAVEL TO ACCOMPANYING TACTILE PAVING ON OPPOSITE SIDE OF CROSSING POINT.

*NOTE: CHARCOAL/SLATE COLOURED TACTILE PAVING MAY BE INSTALLED IN LIEU OF BUFF COLOURED TACTILE PAVING IN AREAS WHERE THE SURROUNDING FOOTPATH MATERIAL IS BUFF COLOURED ASPHALT



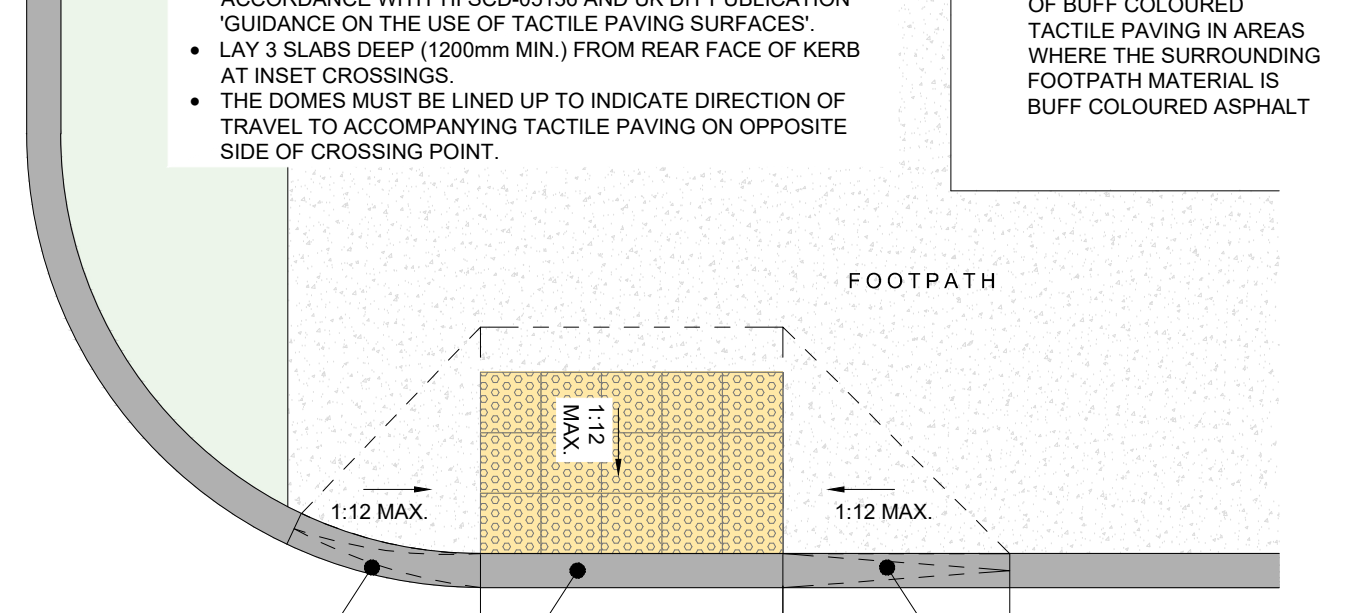
TYPICAL PLAN

SCALE @ A0: 1:50
SCALE @ A2: 1:100

BX.2 TYPICAL TACTILE PAVING & DROP KERB DETAILS (AT INLINE UNCONTROLLED CROSSING)

TACTILE BLISTER PAVING:
• "BUFF" IN COLOUR
• 1:12 SLOPE MAXIMUM (1:20 PREFERABLE)
• 400x400x50mm MODULE TYPE B SLABS (30 DOMES) IN ACCORDANCE WITH TS 505:05:18 AND UK DfT PUBLICATION GUIDANCE ON THE USE OF TACTILE PAVING SURFACES.
• LAY 3 SLABS DEEP (1200mm MIN.) FROM REAR FACE OF KERB AT INSET CROSSINGS.
• THE DOMES MUST BE LINED UP TO INDICATE DIRECTION OF TRAVEL TO ACCOMPANYING TACTILE PAVING ON OPPOSITE SIDE OF CROSSING POINT.

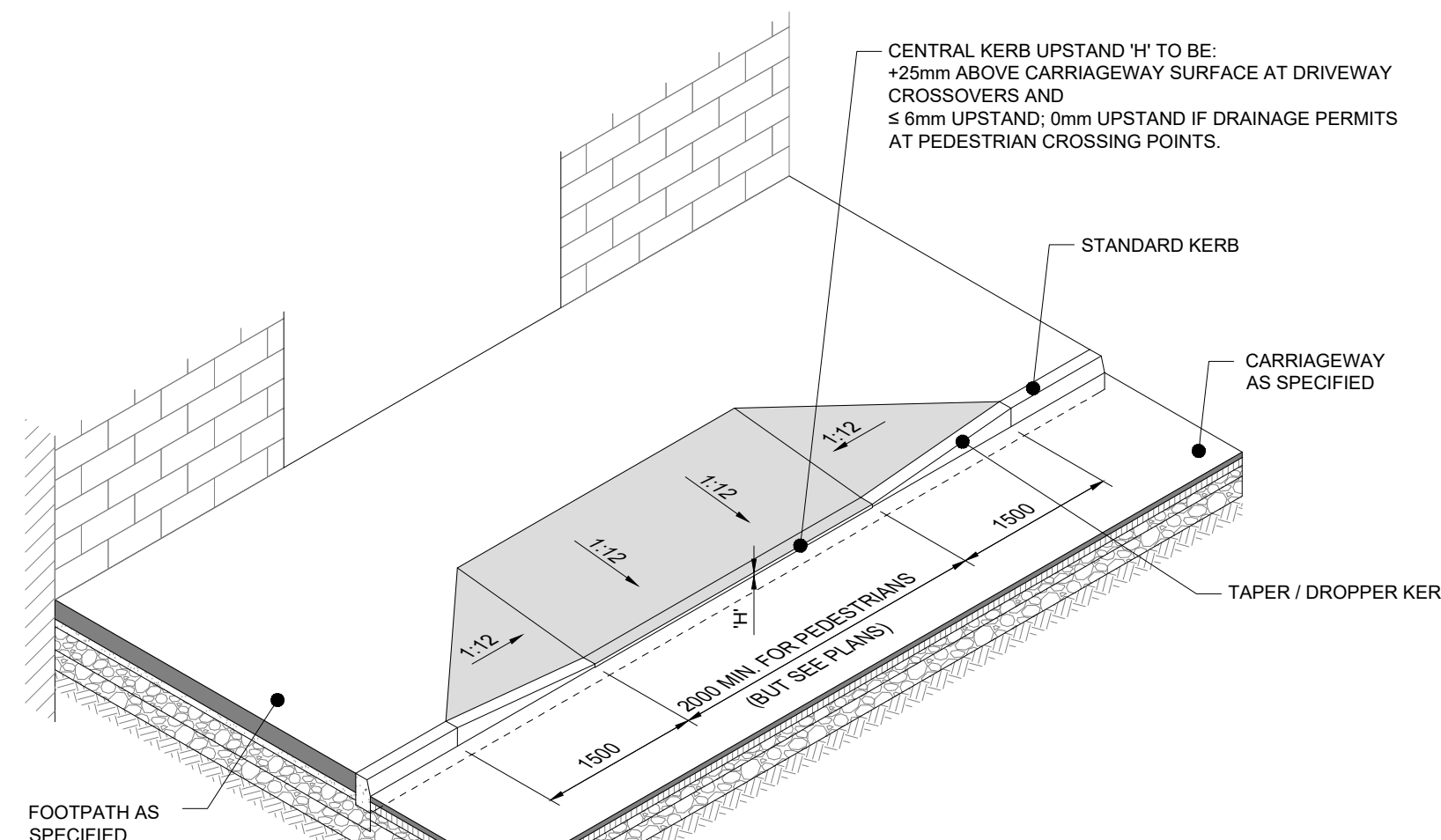
*NOTE: CHARCOAL/SLATE COLOURED TACTILE PAVING MAY BE INSTALLED IN LIEU OF BUFF COLOURED TACTILE PAVING IN AREAS WHERE THE SURROUNDING FOOTPATH MATERIAL IS BUFF COLOURED ASPHALT



TYPICAL PLAN

SCALE @ A0: 1:50
SCALE @ A2: 1:100

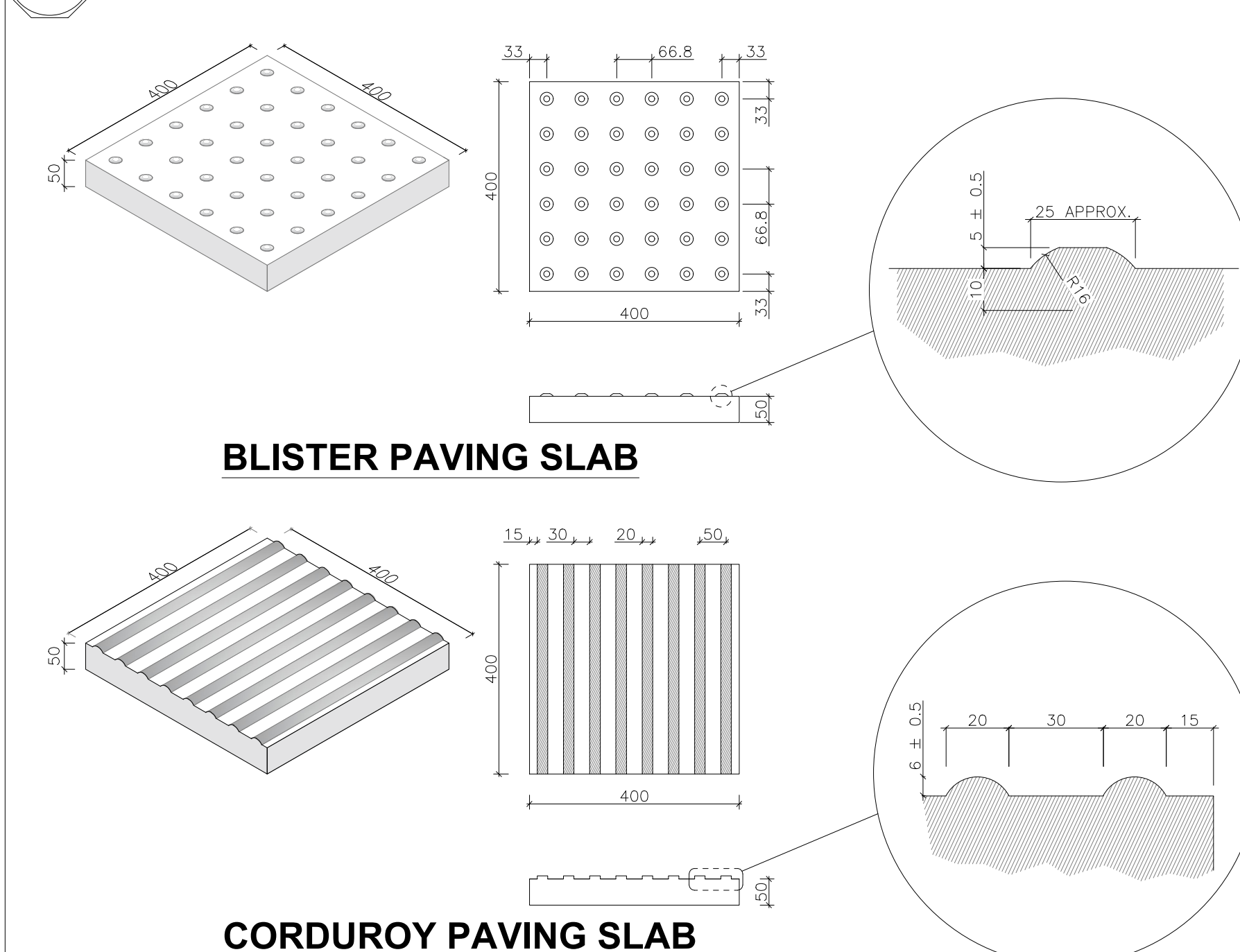
BX.4 TYPICAL DROPPED KERB GEOMETRY



ISOMETRIC

SCALE @ A0: (NTS)
SCALE @ A2: (NTS)

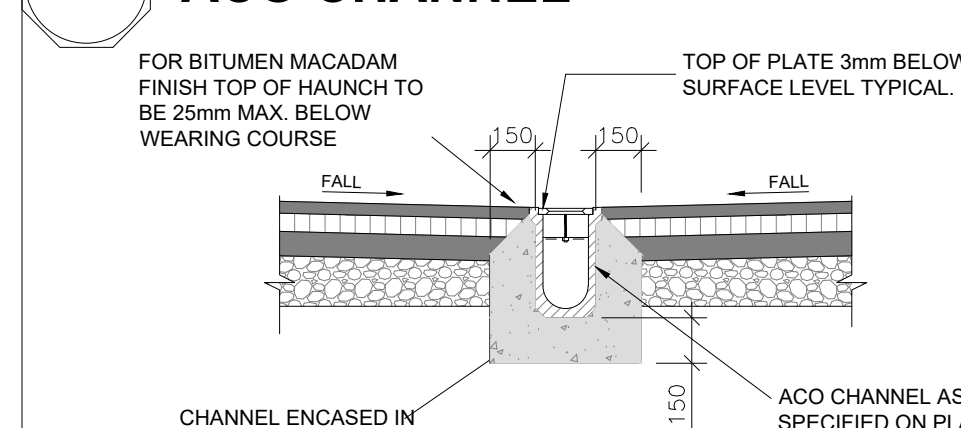
BX.5 TACTILE PAVING SLAB DIMENSIONS



BLISTER PAVING SLAB

CORDUROY PAVING SLAB

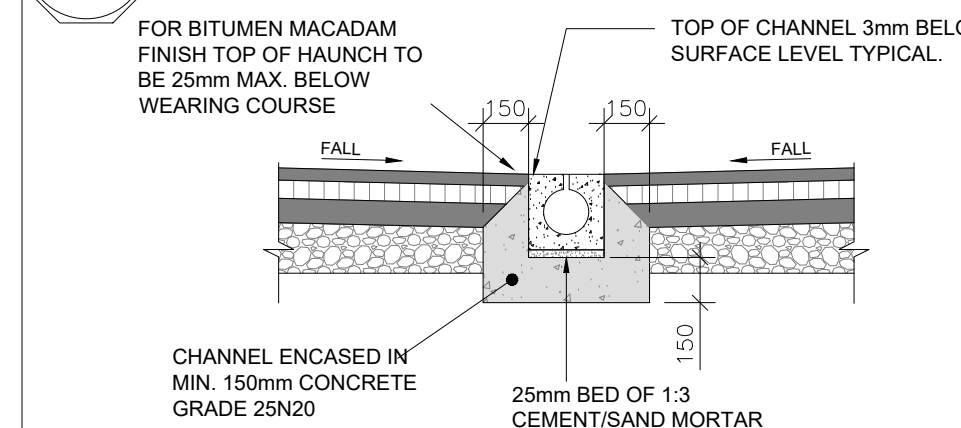
DC1.1 ACO CHANNEL



TYPICAL SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

DC1.2 PRECAST CHANNEL

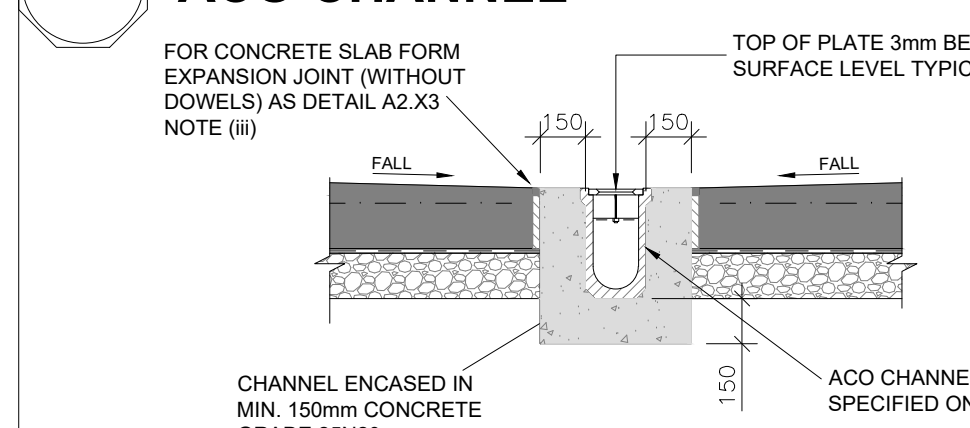


TYPICAL SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

DC DRAINAGE CHANNELS

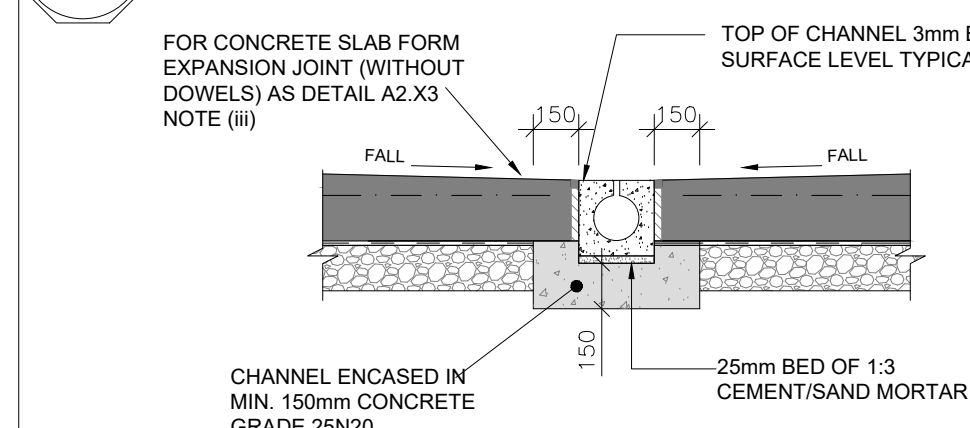
DC2.1 ACO CHANNEL



TYPICAL SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

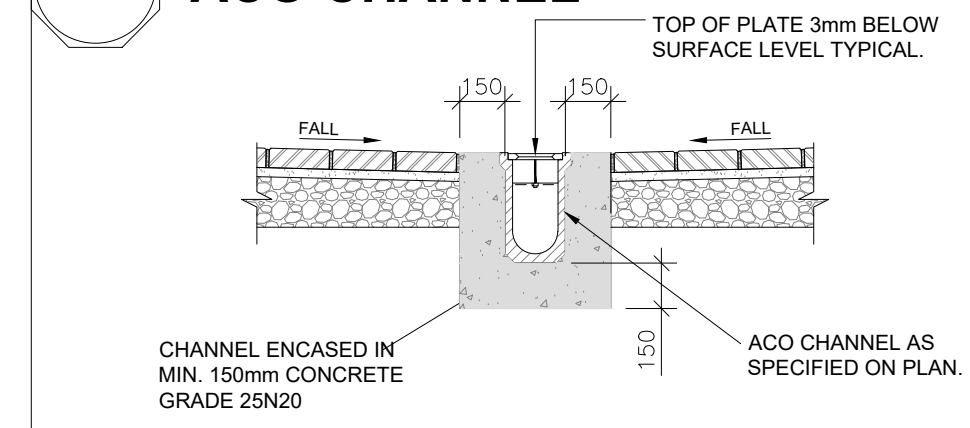
DC2.2 PRECAST CHANNEL



TYPICAL SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

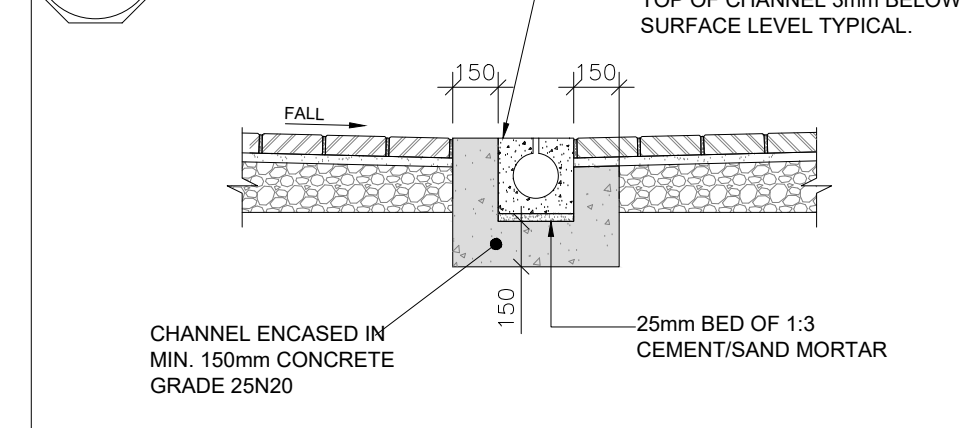
DC3.1 ACO CHANNEL



TYPICAL SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

DC3.2 PRECAST CHANNEL



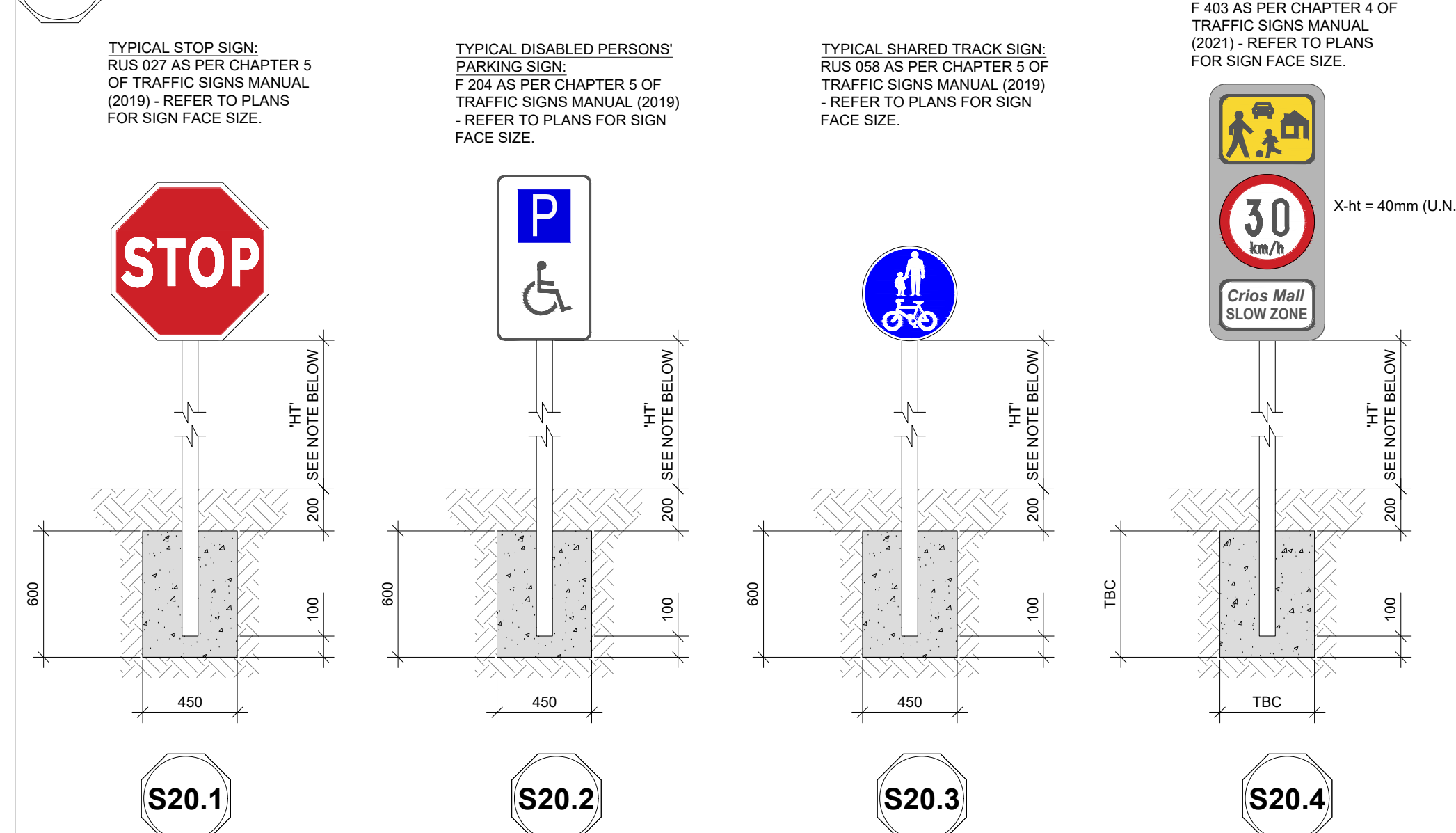
TYPICAL SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

S20

SIGNAGE

S20 SIGNAGE POST AND FOUNDATIONS



- NOTE**
- MIN. MOUNTING HEIGHT (HT) = 2300mm FROM FINISHED GROUND LEVEL (OR FROM FINISHED FOOTPATH LEVEL IF WITHIN 1.2m OF SIGN POST) TO LOWEST EDGE OF SIGN. WHERE SIGNS ARE LOCATED IN THE VICINITY OF CYCLE LANES, MOUNTING HEIGHT SHALL BE INCREASED TO 2500mm.
 - ALL SIGNS TO BE MOUNTED ON 1m x 76.1mm² GALVANISED CHS POST SECURED WITH PROPRIETARY ANTI-ROTATION CLIPS.
 - ALL POSTS TO BE FITTED WITH POST CAPS IMMEDIATELY AFTER INSTALLATION TO PREVENT WATER INGRESS.
 - ALL SIGN POSTS TO BE SET IN 450mm x 450mm x 600mm DEEP C3240 CONCRETE FOUNDATION (U.N.O.).
 - TOP OF FOUNDATION TO BE FINISHED 200mm BELOW FINISHED GROUND LEVEL.
 - ALL SIGN SIZES AND MOUNTING HEIGHTS SHOULD BE VERIFIED WITH ENGINEER PRIOR TO PLACING ORDER.
 - ALL SIGN FACES TO BE IN ACCORDANCE WITH THE IRISH TRAFFIC SIGNS MANUAL.

TYPICAL CROSS SECTION

SCALE @ A0: 1:25
SCALE @ A2: 1:50

PL2	24.01.25	ISSUED FOR PLANNING	AO
PL2	17.12.24	ISSUED FOR S1 RSA	POD
PL1	28.08.24	ISSUED FOR PLANNING	AO
ISSUE	DATE	DESCRIPTION	BY

Project Engineer: Pádraig O'Dwyer Project Director: Brian Mahony

BM STAGE

PLANNING

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ACEI
Association of Consulting Engineers

CLIENT

LAND DEVELOPMENT AGENCY

PROJECT TITLE

LDA WILTON
SARFIELD ROAD LRD

BM PROJECT No. 23.215

ISSUE

23215-BMD-ZZ-ZZ-M2-C-DETAILS

DRAWING TITLE

FOOTPATH & CYCLE PATH DETAILS

DRAWING REFERENCE

23215-BMD-ZZ-ZZ-DR-C-12110

STATUS

REVISION

PL2