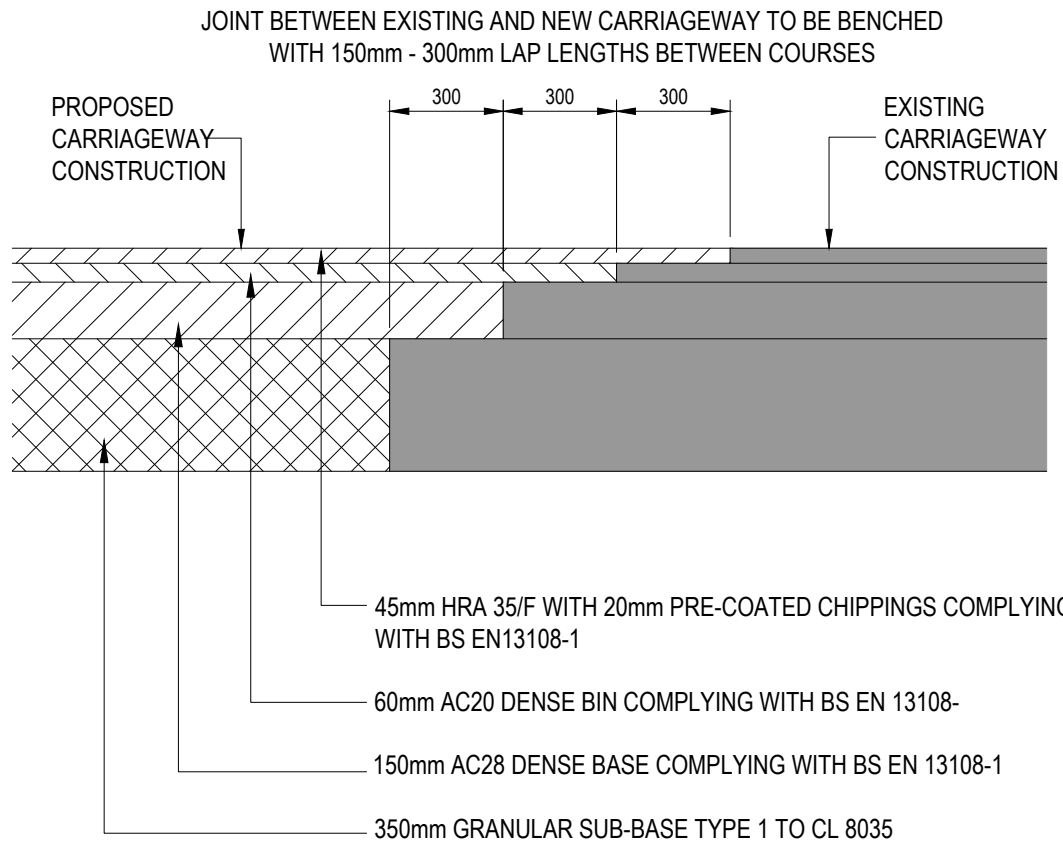
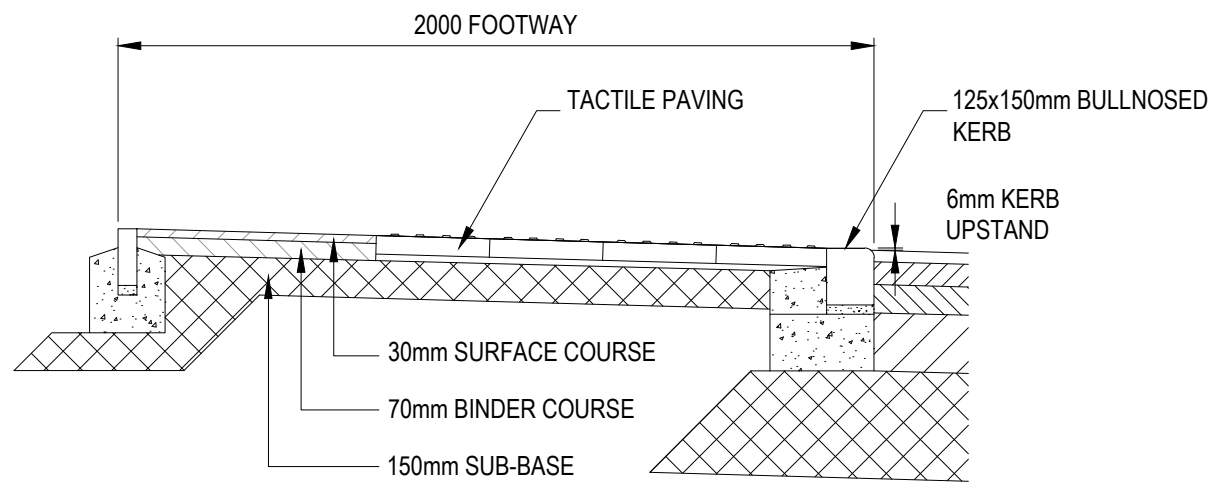


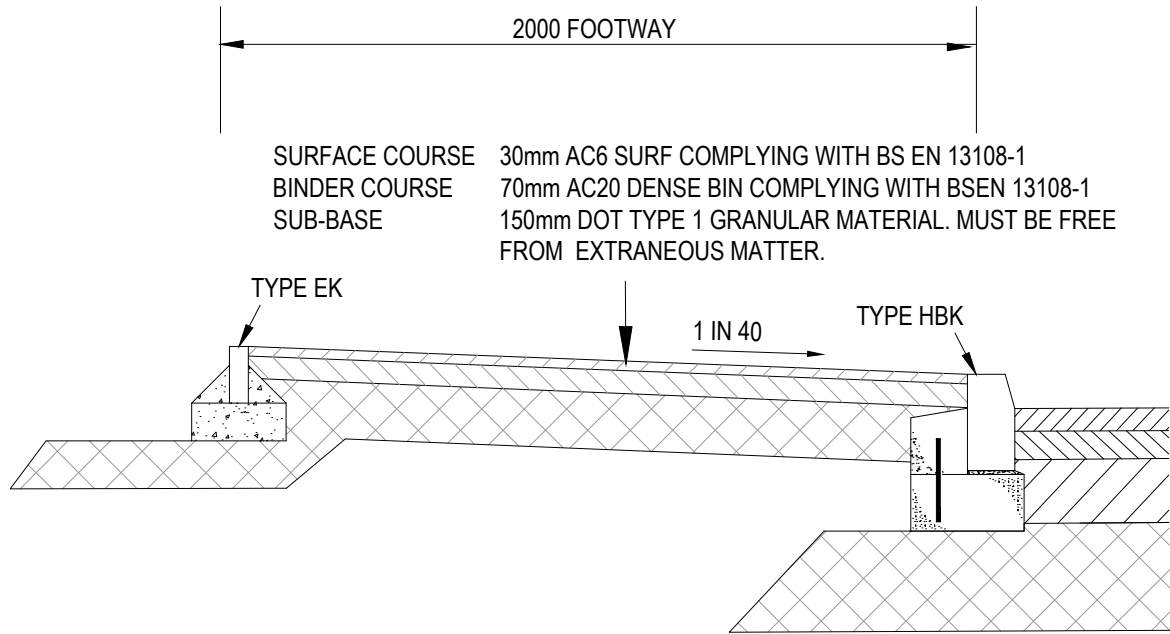
BITUMINOUS HIGHWAY CONSTRUCTION DETAIL
SCALE 1:20



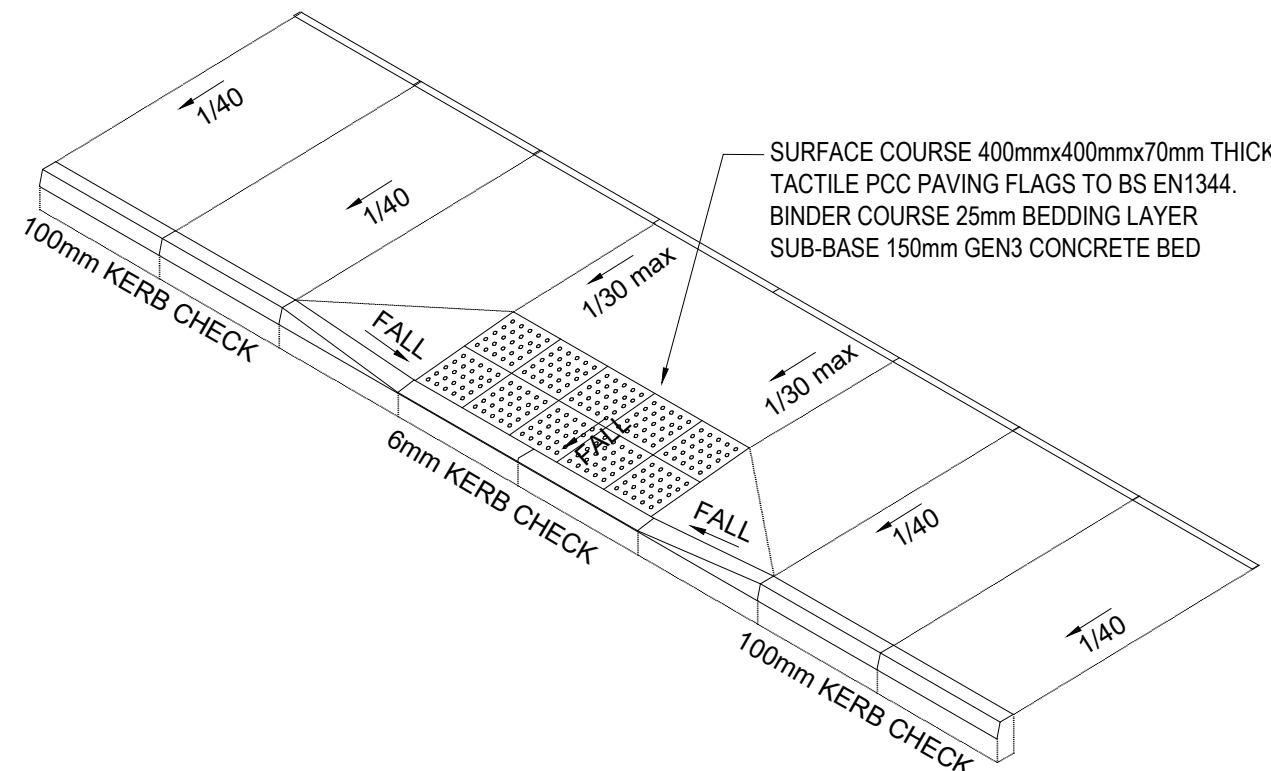
CARRIAGEWAY JOINTING DETAIL
SCALE 1:20



PEDESTRIAN CROSSING DETAIL
SCALE 1:20



FOOTPATH LINK DETAIL
SCALE 1:20

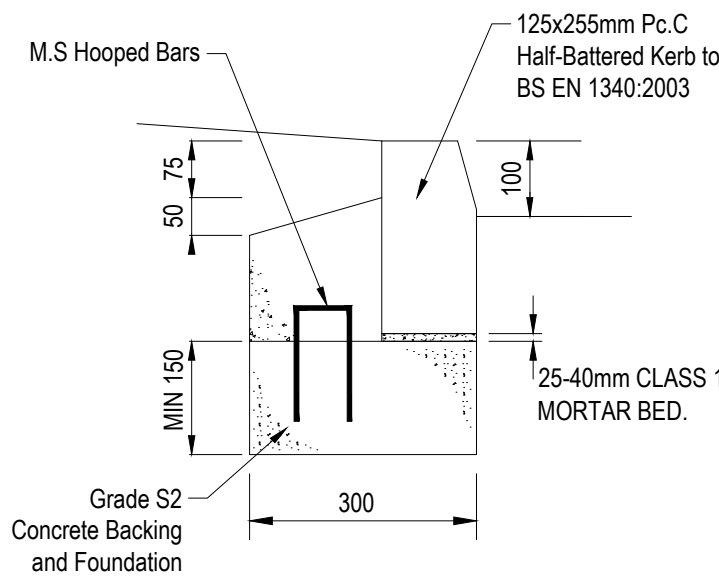


TYPICAL TACTILE PAVING ISOMETRIC DETAIL
NTS

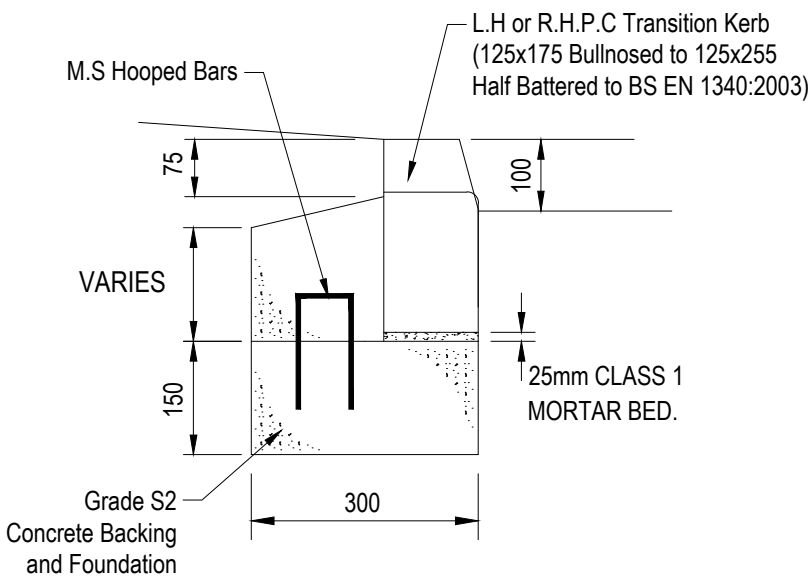
NOTES AND ROAD SPECIFICATION:-

- ALL ADAPTABLE HIGHWAY WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE HIGHWAY AUTHORITIES RECOMMENDATIONS AND SPECIFICATIONS.
- FOR GUIDANCE, ALL CLAUSE NUMBERS BELOW RELATE TO THE DEPT OF TRANSPORTS SPECIFICATION FOR HIGHWAY WORKS 1991.
- PREPARATION AND SURFACE TREATMENT FOR FORMATION SHALL BE IN ACCORDANCE WITH CL. 616
- GENERAL REQUIREMENTS FOR ROAD PAVEMENTS SHALL BE IN ACCORDANCE WITH CLAUSES 701 TO 707 INCLUSIVE.
- ALL BITUMEN MACADAM SHALL BE IN ACCORDANCE WITH B.S.4987
- ALL BITUMINOUS BOUND MATERIALS SHALL BE TRANSPORTED, LAID AND COMPACTED IN ACCORDANCE WITH CL. 901
- GRANULAR TYPE 1 SUB BASE SHALL BE IN ACCORDANCE WITH CL. 803.
- LAYING AND COMPACTION OF SUB BASE SHALL BE IN ACCORDANCE WITH CL. 802
- BASE SHALL BE DENSE MACADAM IN ACCORDANCE WITH CL. 903
- BINDER SHALL BE DENSE BITUMEN MACADAM IN ACCORDANCE WITH CL. 906
- LIMESTONE AGGREGATE IS NOT PERMITTED.
- NO CUTS PERMITTED (EG FOR SERVICES) ONCE BINDER COURSE IS LAID.
- POSITION SIZE AND DEPTH OF ALL EXISTING SEWERS AND SERVICES SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT ON SITE AND ANY DISCREPANCIES REPORTED TO THE ENGINEER.
- THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT, AND TEMPORARY PERMANENT DIVERSION WORKS, AS NECESSARY TO ALL EXISTING SERVICES.
- THE CONTRACTOR SHALL ALLOW FOR ALL TRAFFIC MANAGEMENT IN CONNECTION WITH ROAD AND SEWER WORKS.
- THE CONTRACTOR SHALL ALLOW FOR KEEPING TRENCHES AND EXCAVATIONS AS DRY AS PRACTICABLE BY PUMPING FROM TEMPORARY SUMPS AND DEWATERING AS APPROPRIATE. THE POINT AND METHOD OF DISCHARGE TO BE AGREED WITH THE DRAINAGE AUTHORITY AND ENVIRONMENT AGENCY.
- INSITU AND PRECAST CONCRETE UNITS SHALL HAVE SULPHATE RESISTING PORTLAND CEMENT TO BS 4027, UNLESS AGREED OTHERWISE WITH THE ADOPTING AUTHORITY.
- PRECAST CONCRETE PRODUCTS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS 5911:2002, BS EN 1916:2002 AND BS EN 1917:2002 AND BE KITEMARKED. CONCRETE PIPES TO BE CLASS 120 UNLESS NOTED OTHERWISE.
- VITRIFIED CLAY PIPES AND FITTINGS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN295 AND BS 65 RESPECTIVELY AND BE KITEMARKED. ALL PIPES SHALL BE CLASS 120 TO BE EN295.
- GULLY GRATES AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISION OF BS EN124 AND BE OF A NON-ROCKING DESIGN WITH LEFT HANDED CAPTIVE HINGE ACCESS AND BE KITEMARKED. LOADS CLASS D400 FOR ROADS REGULARLY CARRYING FAST MOVING HEAVY VEHICLES. CLASS C250 TO BE USED IN LESSER TRAFFICKED AREAS E.G. ESTATE ROADS, CUL-DE-SACS, RESIDENTIAL CAR PARKING AREAS ETC. TYPE D400-450 GRATE AND FRAME. MINIMUM AREAS OF WATERWAY TO BE 1010CM2. TYPE C250-450 GRATE AND FRAME. MINIMUM AREA OF WATERWAY TO BE 900CM2.
- BACKFILLING AND REINSTATEMENT TO TRENCHES IN PUBLIC HIGHWAYS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE ADOPTING AUTHORITY. OR, IN THE ABSENCE OF SUCH, IN ACCORDANCE WITH THE REQUIREMENTS OF 'THE STREET WORKS REGULATIONS 1992' AND RELEVANT PROVISIONS OF H.A.U.C. 'SPECIFICATION FOR THE REINSTATEMENT OF OPENINGS IN HIGHWAY' JUNE 1992. BOTH UNDER SECTION 71 OF THE NEW ROADS AND STREET WORKS ACT 1991.
- UNSEALED AND LOOSE MATERIAL SUCH AS CRUSHED STONE, GRAVEL AND PEBBLES IN NOTE TO BE USED ADJACENT THE ADOPTABLE HIGHWAY.
- SHOULD THERE BE ANY CONFLICT BETWEEN INFORMATION ABOVE AND THE HIGHWAY AUTHORITY'S RECOMMENDATIONS AND SPECIFICATIONS, THE AUTHORITY'S REQUIREMENTS TAKE PRECEDENCE. THE CONTRACTOR MUST LIAISE CLOSELY WITH THE AUTHORITY WITH RESPECT TO ANY TESTING, APPROVALS, INSPECTIONS, PERMISSIONS OR LICENCES REQUIRES AS WORK PROGRESSES.

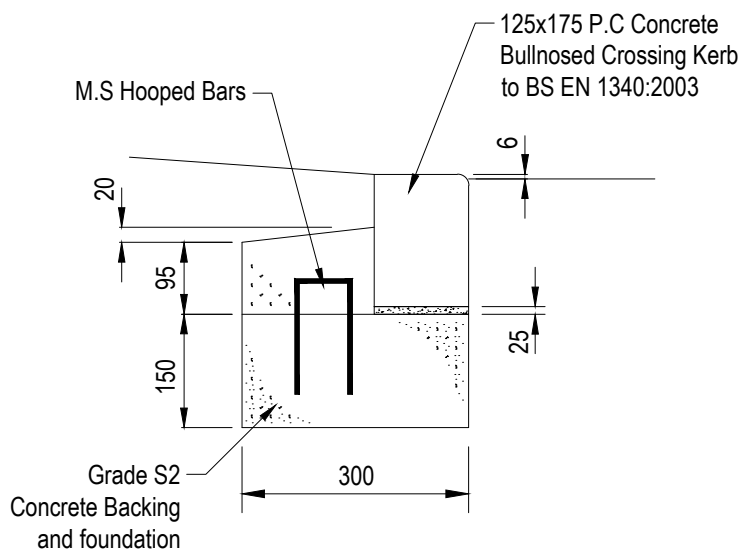
WORKS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE RELEVANT STANDARDS, CBC SPECIFICATION AND GUIDANCE. ANY ISSUES IDENTIFIED ON SITE ARE TO BE ADDRESSED TO THE SATISFACTION OF CBC AS LHA THROUGH THE DEVELOPMENT MANAGEMENT TEAM



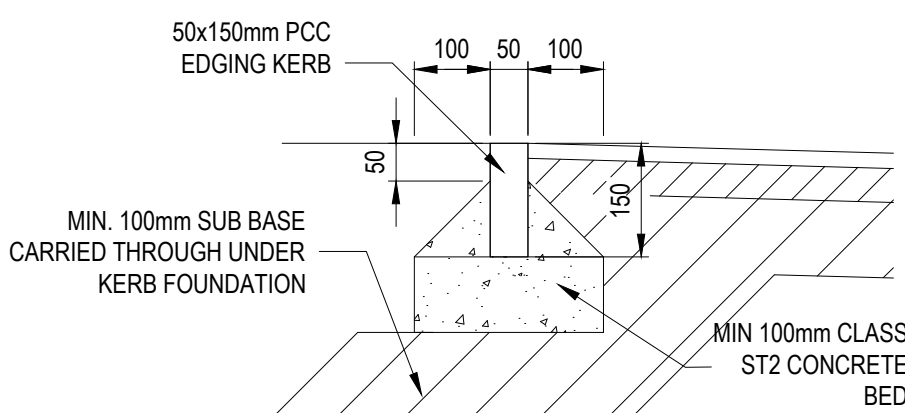
TYPE HBK - 255x125 HALF
BATTERED KERB
SCALE 1:10



TYPE BN - 125x178
PEDESTRIAN CROSSINGS
SCALE 1:10



KERB TYPE T1 - 125x255
TRANSITION KERB
SCALE 1:10



TYPE EK - 50x150
EDGING KERB
SCALE 1:10

Client
Aldi Stores Ltd.

Project Title
Aldi - Whitehaven

Project Address
**Preston Street
Whitehaven**

Drawing Title
**S278 Adoptable Highway
Construction Details - Sheet 1 of 2**

Job No. 79-EXXX HYD
Originator ZZ
Level XX
Type DR
Role C

System Classification Ro. 50_20_11-5002
Drawing No. A5
Suitability C02
Revision

Drawn SNK
Checked GS
Date Oct 2024
Scale AS SHOWN
Size A1

Hydrock

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e: newcastle@3econsult.com

SUBJECT TO THE APPROVAL OF
ALL RELEVANT AUTHORITIES