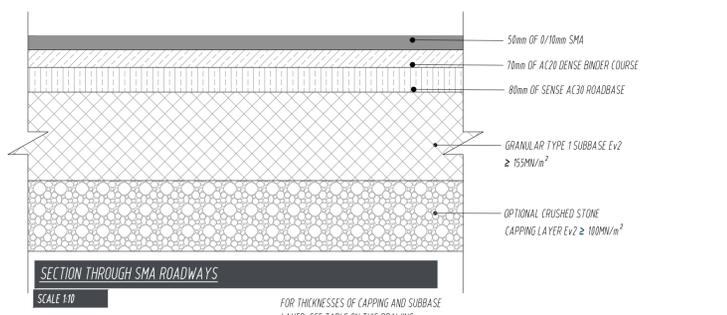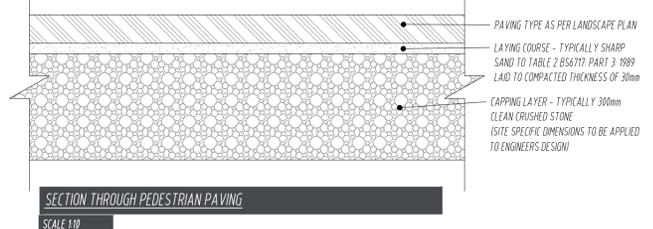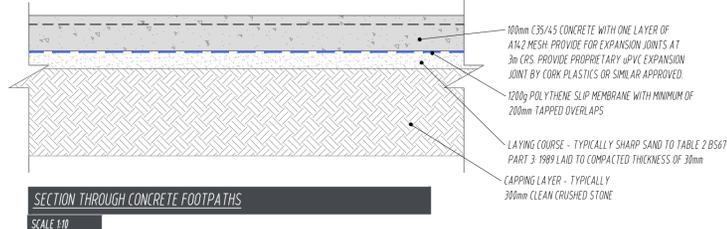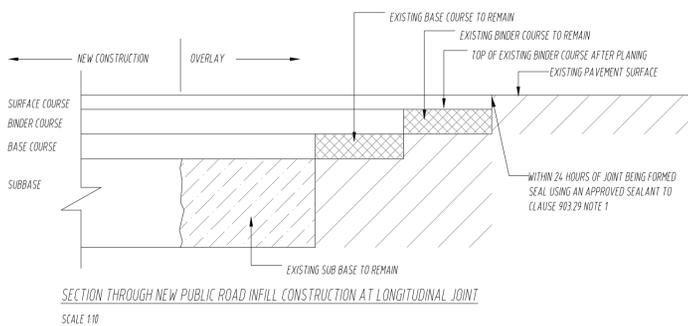NOTES
1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 920 (NOTE 1)
2. WHERE THE BASE COURSE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF BASE COURSE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 0.3m min WITH THE BINDER COURSE AND SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 0.3m min RESPECTIVELY.
3. ALL FACES OF COLD UPSTANDING EDGES SHALL BE TREATED TO CLAUSE 903.26 NOTE 1.

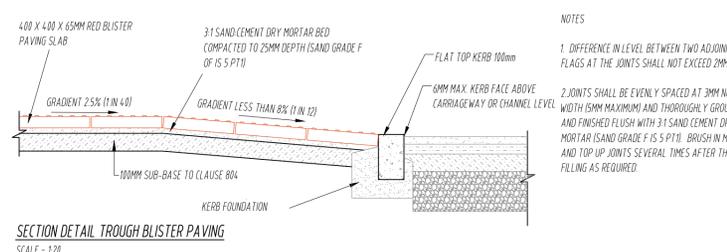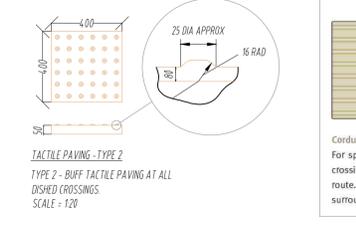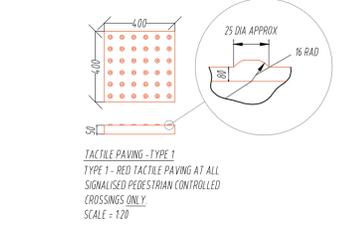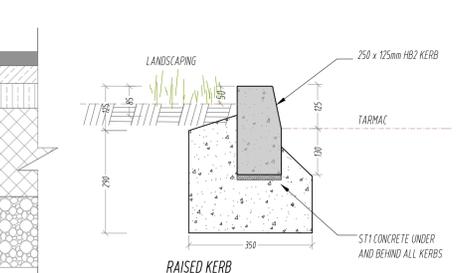NEW CONSTRUCTION | OVERLAY

SURFACE COURSE
BINDER COURSE
BASE COURSE
SUBBASE

EXISTING BASE COURSE TO REMAIN
EXISTING BINDER COURSE TO REMAIN
TOP OF EXISTING BINDER COURSE AFTER PLANING
EXISTING PAVEMENT SURFACE

WITHIN 24 HOURS OF JOINT BEING FORMED SEAL USING AN APPROVED SEALANT TO CLAUSE 903.29 NOTE 1

EXISTING SUB BASE TO REMAIN

SECTION THROUGH NEW PUBLIC ROAD INFILL CONSTRUCTION AT LONGITUDINAL JOINT
SCALE 1:10

SECTION THROUGH CONCRETE FOOTPATHS
SCALE 1:10
- 100mm C35/45 CONCRETE WITH ONE LAYER OF A142 MESH, PROVIDE FOR EXPANSION JOINTS AT 3m CRS. PROVIDE PROPRIETARY uPVC EXPANSION JOINT BY CORK PLASTICS OR SIMILAR APPROVED
- 1200g POLYTHENE SLIP MEMBRANE WITH MINIMUM OF 200mm TAPPED OVERLAPS
- LAYING COURSE - TYPICALLY SHARP SAND TO TABLE 2 BS6717 PART 3 1989 LAID TO COMPACTED THICKNESS OF 30mm
- CAPPING LAYER - TYPICALLY 300mm CLEAN CRUSHED STONE

SECTION THROUGH PEDESTRIAN PAVING
SCALE 1:10
- PAVING TYPE AS PER LANDSCAPE PLAN
- LAYING COURSE - TYPICALLY SHARP SAND TO TABLE 2 BS6717 PART 3 1989 LAID TO COMPACTED THICKNESS OF 30mm
- CAPPING LAYER - TYPICALLY 300mm CLEAN CRUSHED STONE (SITE SPECIFIC DIMENSIONS TO BE APPLIED TO ENGINEERS DESIGN)

SECTION THROUGH SMA ROADWAYS
SCALE 1:10
- 50mm OF 0/10mm SMA
- 70mm OF AC20 DENSE BINDER COURSE
- 80mm OF SENSE AC30 ROADBASE
- GRANULAR TYPE 1 SUBBASE Ev2 ≥ 155MN/m²
- OPTIONAL CRUSHED STONE CAPPING LAYER Ev2 ≥ 100MN/m²

FOR THICKNESSES OF CAPPING AND SUBBASE LAYER, SEE TABLE ON THIS DRAWING

SECTION THROUGH SMA FOOTPATHS
SCALE 1:10
- 38mm HRA 15/10 TYPE F SURFACE COURSE WITH 20mm GRANITE CHIPPINGS ROLLED IN AT 1-2kg/m². SPECIFICATION IN ACCORDANCE WITH EN 13108-4
- 50mm OF AC20 DENSE BINDER COURSE
- 70mm OF SENSE AC30 ROADBASE
- CAPPING LAYER - TYPICALLY 300mm CLEAN CRUSHED STONE

NOTES –
1. PLEASE READ THIS DRAWING IN CONJUNCTION WITH SITE LAYOUT DRAWING SHOWING LEVELS AND FALLS.
2. DRAWING TO BE READ IN CONJUNCTION WITH ALL SITE LAYOUT PLANS.
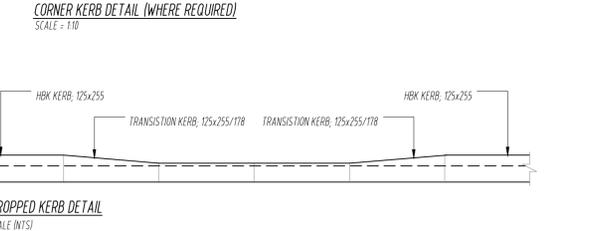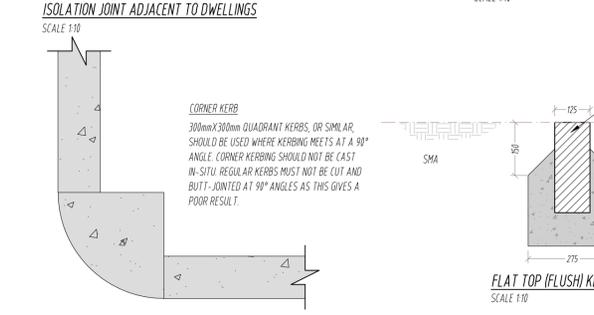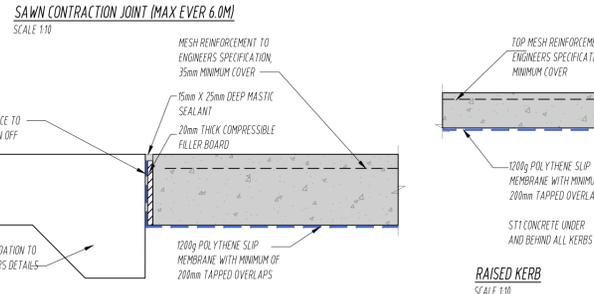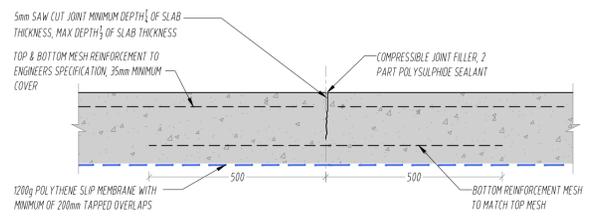3. ALL EXTERNAL CONCRETE SLABS TO HAVE A BRUSH FINISH MINIMUM DEPTH OF 3mm, WITH THE BRUSH STROKES TO RUN PARALLEL TO THE SLOPE OF THE PATHS OR SURFACE. AND ALL EDGES/JOINTS TO BE TROWELED.
4. ALL EXTERNAL CONCRETE AREAS TO BE FULLY INSPECTED BY CONSULTING ENGINEER PRIOR TO CONCRETE POUR COMMENCING.
5. REFER TO THE LANDSCAPING PLANS FOR DETAILS OF PLANTING AND SEEDED AREAS.
6. GENERAL FILL MATERIAL IN ACCORDANCE WITH SPECIFICATION FOR ROAD WORKS SERIES 600.
7. IF CLEARANCE OF EXISTING WATERCOURSE REQUIRED, THEN INCLUDE FOR THE REMOVAL OF VEGETATION MATTER AND ALL OTHER DEPOSITS WITHIN THE WATERCOURSE AREA. MATERIALS RESULTING FROM THE CLEARANCE SHALL BE DEALT WITH AS UNSUITABLE MATERIAL FOR RE-USE.
8. ALL SUB BASE AND CAPPING MATERIAL TO BE SR21 ANNEX E COMPLIANT FOR FUTURE BUILDING.
9. ALL MATERIAL NEEDS TO BE CERTIFIED AS MEETING S.R 21 AND EN 13242)
10. 'CAT SCAN' TO BE CARRIED OUT ON SITE PRIOR TO WORKS COMMENCING TO DETERMINE EXACT LOCATION OF ESB, GAS AND LIGHTING CABLES.

SAMPLE CONCRETE FINISH, WORKMANSHIP TO BE SUPPLIED FOR CLIENT APPROVAL PRIOR TO ANY EXTERNAL AND INTERNAL CONCRETE SLABS ARE POURED/FINISHED.

SUB BASE/CAPPING LAYER THICKNESS BITUMINOUS OR BLOCK PAVED CONSTRUCTION)

SUB GRADE CBR	SUB BASE ONLY F OPTION	SUB BASE & CAPPING LAYER OPTION
2.5%	450mm SUB BASE	350mm SUB BASE + 250mm CAPPING LAYER
3.0%	420mm SUB BASE	320mm SUB BASE + 240mm CAPPING LAYER
4.0%	370mm SUB BASE	270mm SUB BASE + 230mm CAPPING LAYER
5.0%	330mm SUB BASE	240mm SUB BASE + 220mm CAPPING LAYER
<5.0%	250mm SUB BASE	

NOTE: FOR SUB GRADE CBR <2.5% SPECIAL MEASURES MAY BE REQUIRED TO STABILISE THE SUB GRADE. TO BE AGREED WITH CLIENT ON A SITE SPECIFIC BASIS.
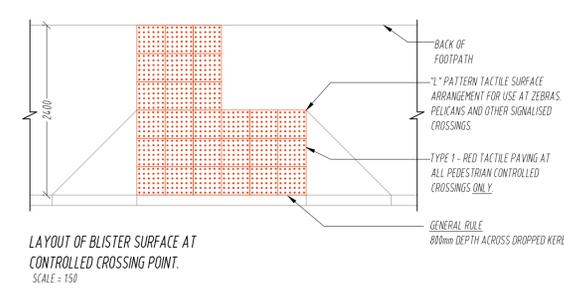
INTERNAL BUILDING GROUND FLOOR BUILD-UP
-RC FLOOR SLABS, INSULATION AND MEMBRANES TO ENGINEERS DETAILS
-300mm SUB BASE HARDCORE FILL ROLLED IN LAYERS NOT EXCEEDING 200mm AND FULLY COMPACTED WITH A SUITABLE MECHANICAL ROLLER
-CAPPING LAYER OF CRUSHED STONE TO THE FORMATION LEVEL ROLLED IN LAYERS NOT EXCEEDING 200mm AND FULLY COMPACTED WITH A SUITABLE MECHANICAL ROLLER
-COMPACTION & SUBGRADE MODULUS TO BE ESTABLISHED BY APPROPRIATE INSITU TESTING (PLATE BEARING TESTS WITH A PLATE DIA ≥ 600mm

SAWN CONTRACTION JOINT (MAX EVER 6.0M)
SCALE 1:10
- 5mm SAW CUT JOINT MINIMUM DEPTH ¼ OF SLAB THICKNESS, MAX DEPTH ⅓ OF SLAB THICKNESS
- TOP & BOTTOM MESH REINFORCEMENT TO ENGINEERS SPECIFICATION, 35mm MINIMUM COVER
- COMPRESSIBLE JOINT FILLER, 2 PART POLYSULPHIDE SEALANT
- 1200g POLYTHENE SLIP MEMBRANE WITH MINIMUM OF 200mm TAPPED OVERLAPS
- BOTTOM REINFORCEMENT MESH TO MATCH TOP MESH

ISOLATION JOINT ADJACENT TO DWELLINGS
SCALE 1:10
- JOINT FACE TO BE CLEAN OFF
- MESH REINFORCEMENT TO ENGINEERS SPECIFICATION, 35mm MINIMUM COVER
- 15mm X 25mm DEEP MASTIC SEALANT
- 20mm THICK COMPRESSIBLE FILLER BOARD
- RC FOUNDATION TO ENGINEERS DETAILS
- 1200g POLYTHENE SLIP MEMBRANE WITH MINIMUM OF 200mm TAPPED OVERLAPS

EDGE DETAIL AT LANDSCAPED AREAS
SCALE 1:10
- REFER TO LANDSCAPE LAYOUT FOR DETAILS
- TOP MESH REINFORCEMENT TO ENGINEERS SPECIFICATION, 35mm MINIMUM COVER
- 1200g POLYTHENE SLIP MEMBRANE WITH MINIMUM OF 200mm TAPPED OVERLAPS

RAISED KERB
SCALE 1:10
- 250 x 125mm HB2 KERB
- TOP MESH REINFORCEMENT TO ENGINEERS SPECIFICATION, 35mm MINIMUM COVER
- 1200g POLYTHENE SLIP MEMBRANE WITH MINIMUM OF 200mm TAPPED OVERLAPS
- ST1 CONCRETE UNDER AND BEHIND ALL KERBS

RAISED KERB
SCALE 1:10
- 250 x 125mm HB2 KERB
- TARMAC
- LANDSCAPING
- ST1 CONCRETE UNDER AND BEHIND ALL KERBS

CORNER KERB DETAIL (WHERE REQUIRED)
SCALE 1:10
CORNER KERB
300mm×300mm QUADRANT KERBS, OR SIMILAR, SHOULD BE USED WHERE KERBING MEETS AT A 90° ANGLE. CORNER KERBING SHOULD NOT BE CAST IN-SITU. REGULAR KERBS MUST NOT BE CUT AND BUTT-JOINTED AT 90° ANGLES AS THIS GIVES A POOR RESULT.

FLAT TOP (FLUSH) KERB
SCALE 1:10
- 255 x 125mm FLAT TOP KERB
- SMA
- PEDESTRIAN CROSSING

DROPPED KERB DETAIL
SCALE (NTS)
- HBK KERB, 125x255
- TRANSITION KERB, 125x255/178
- TRANSITION KERB, 125x255/178
- HBK KERB, 125x255

TACTILE PAVING - TYPE 1
TYPE 1 - RED TACTILE PAVING AT ALL SIGNALISED PEDESTRIAN CONTROLLED CROSSINGS ONLY.
SCALE = 1:20

TACTILE PAVING - TYPE 2
TYPE 2 - BUFF TACTILE PAVING AT ALL DISHED CROSSINGS
SCALE = 1:20

Blister Surface
At level or ramped road crossings without a step kerb. Colours – red for controlled crossings only; other colours (preferably buff) for uncontrolled crossings giving good contrast with surrounding paving.

Platform Edge (Off-street)
For heavy rail and light rapid transit platforms not in a street environment. Colours – for good contrast (but not red).

Cycle Track & Footway
Used with a central delineator raised line to define pedestrian and cycle sections of shared facilities.

Corduroy Hazard Warning
For specific hazards such as steps, level crossings or where a footway joins a shared route. Colours – to contrast with the surrounding area (but not red).

Platform Edge (On-street)
For light rapid transit platforms, only within a street environment. Colours – for good contrast, often buff (but not red).

Guidance Path
Used sparingly to guide people around obstacles, to specific locations or between facilities in transport terminals. Colours – for good contrast (but not red).

PEDESTRIAN & TRANSPORT INFRASTRUCTURE & OTHER APPLICATIONS
SCALE = NTS

NOTES
1. DIFFERENCE IN LEVEL BETWEEN TWO ADJOINING FLAGS AT THE JOINTS SHALL NOT EXCEED 2MM
2. JOINTS SHALL BE EVENLY SPACED AT 3MM NOMINAL WIDTH (5MM MAXIMUM) AND THOROUGHLY GROUTED AND FINISHED FLUSH WITH 3:1 SAND CEMENT DRY MORTAR (SAND GRADE F IS 5 PT1). BRUSH IN MORTAR AND TOP UP JOINTS SEVERAL TIMES AFTER THE INITIAL FILLING AS REQUIRED.

SECTION DETAIL TROUGH BLISTER PAVING
SCALE = 1:20
- 400 X 400 X 65MM RED BLISTER PAVING SLAB
- 3:1 SAND CEMENT DRY MORTAR BED COMPACTED TO 25MM DEPTH (SAND GRADE F OF IS 5 PT1)
- GRADIENT 2.5% (1 IN 40)
- GRADIENT LESS THAN 8% (1 IN 12)
- 100MM SUB-BASE TO CLAUSE 804
- FLAT TOP KERB 100mm
- 6MM MAX. KERB FACE ABOVE CARRIAGEWAY OR CHANNEL LEVEL
- KERB FOUNDATION

LAYOUT OF BLISTER SURFACE AT CONTROLLED CROSSING POINT.
SCALE = 1:50
- BACK OF FOOTPATH
- "L" PATTERN TACTILE SURFACE ARRANGEMENT FOR USE AT ZEBRAS, PELICANS AND OTHER SIGNALISED CROSSINGS.
- TYPE 1 - RED TACTILE PAVING AT ALL PEDESTRIAN CONTROLLED CROSSINGS ONLY.
- GENERAL RULE 800mm DEPTH ACROSS DROPPED KERB

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CLARE COUNTY COUNCIL
Project Title
BURIAL GROUND EXTENSION AT DRUMCLIFFE, CO.CLARE
Drawing Title
EXTERNAL PAVEMENT DETAILS

| T1 | 30.09.2022 | CD | ISSUED FOR TENDER |
| REV. | DATE | BY | DESCRIPTION |

Scale 1:10 @ A1
Status TENDER
Drawn by PS   Date SEPTEMBER 2022   Checked CD
P:\21384\21384 - Clare CoCo - Drumcliff Burial Ground Extension\Drawings\4 - TENDER\21384-3080-EXT PAVE DET.dwg
Project No 21384   Drawing No 3080   Revision T1