

DRAWING SET INDEX

SHEET No.	TITLE	VERSION
FP001	CONCRETE FOOTPATH	4.0
FP002	LONGITUDINAL JOINTS AND STITCHING BAR DETAILS	4.0
FP003	ASPHALT FOOTPATH	5.0
FP004	ASPHALT/PAVER COMBINATION FOOTPATH	4.0
FP005	COMMERCIAL CENTRE CONCRETE FOOTPATH	3.0
FP006	FOOTPATH CONSTRUCTION – PAVER TYPE	4.0
FP007	ASPHALT FOOTPATH AND VEHICLE CROSSING REPAIR DETAILS	3.0
FP008	FOOTPATH EDGING DETAIL	3.0
FP009	PRAM CROSSING	5.0
FP010	FOOTPATH RETAINING WALLS <1.0m HIGH	4.0
FP011	PEDESTRIAN CROSSING – SIDE ISLAND	4.0
FP012	PEDESTRIAN CROSSING – CENTRE ISLAND	4.0
FP013	TYPICAL PEDESTRIAN REFUGE ISLAND	4.0

REVISION	BY	DATE

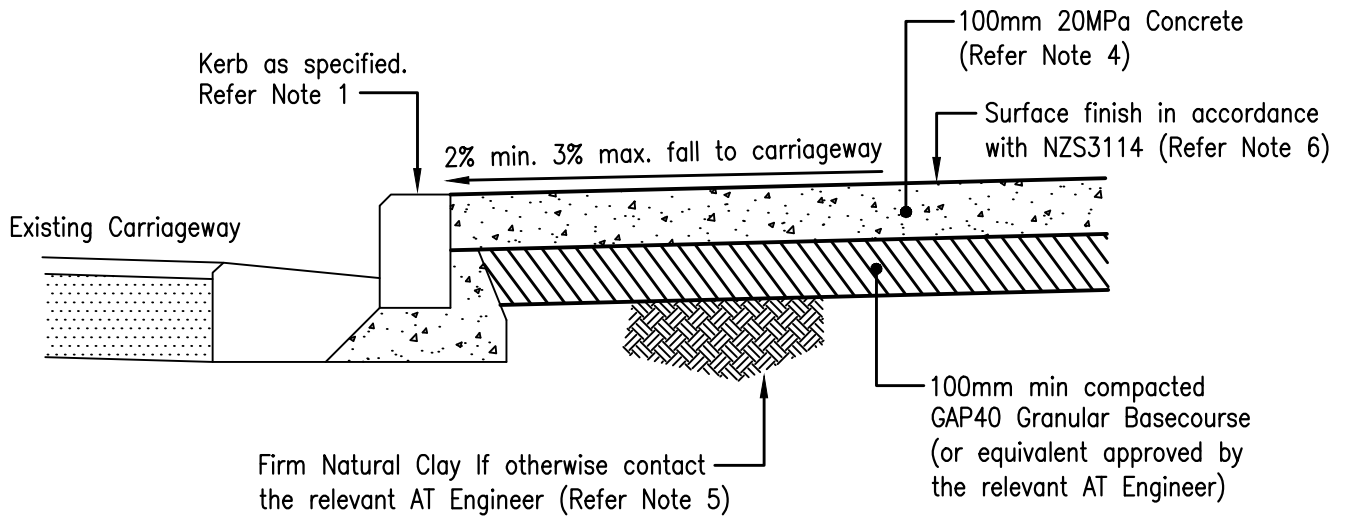


AUCKLAND TRANSPORT
CODE OF PRACTICE

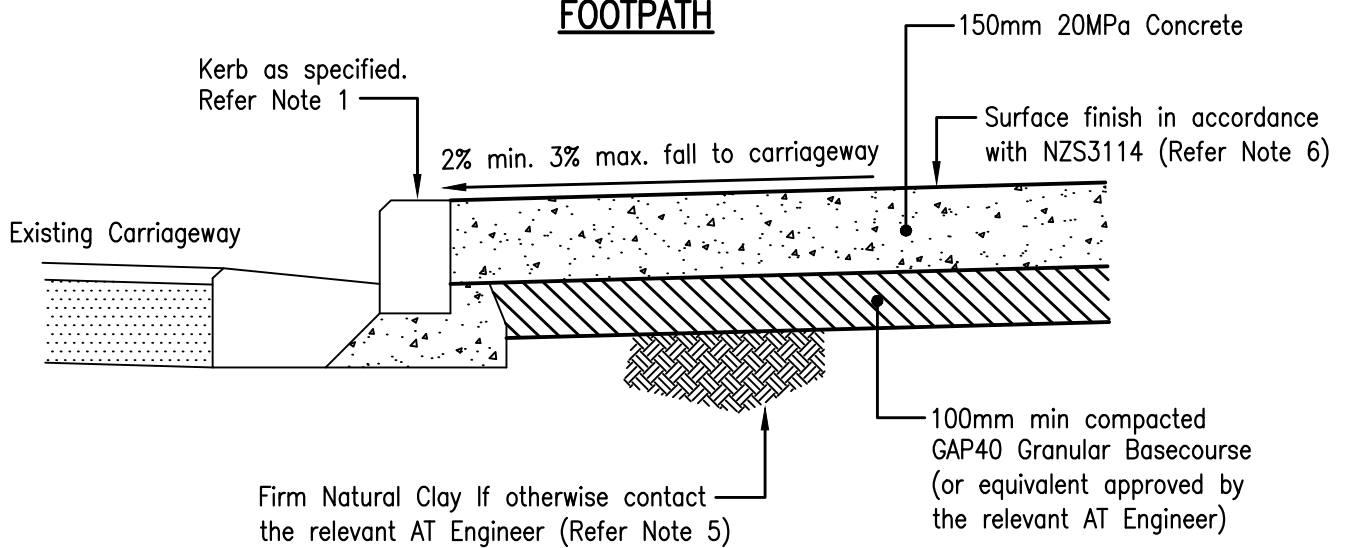
**TITLE FOOTPATHS & PEDESTRIAN
FACILITIES
DRAWING SET INDEX**

SCALE:
N.T.S.

DRAWING No.
FP000
VERSION 6.0



FOOTPATH



HEAVY DUTY FOOTPATH

NOTES

1. Refer to Auckland Transport Standard Detail Drawings for the following details :-
 Pram Crossings – Plan No. FP009
 Kerbs and Channels – Refer to Drawing Set GD000
2. Minimum footpath width is 1800mm. Maximum footpath width is 3000mm
3. All Services Lids must be raised or lowered to be flush with footpath levels.
4. Concrete to have minimum compressive strength of 20MPa at 28th day unless otherwise specified by the relevant AT Engineer
5. Basecourse (or bedding) layer depth must be increased for weak subgrade (CBR<3). As directed by the relevant AT engineer
6. Concrete surface finish must comply with NZS 3114 and AS/NZS 3661 Slip resistance of Pedestrian Surfaces

REVISION	BY	DATE



AUCKLAND TRANSPORT
CODE OF PRACTICE

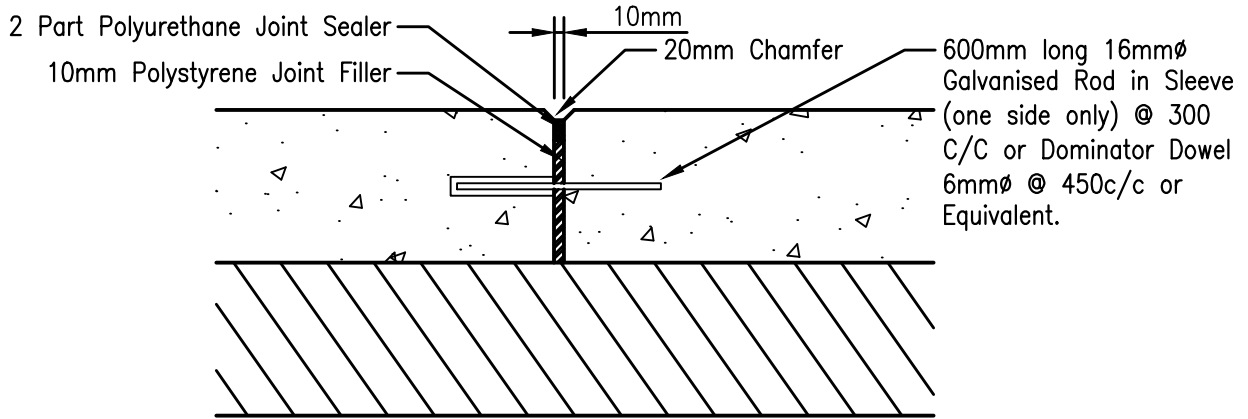
TITLE

CONCRETE FOOTPATH

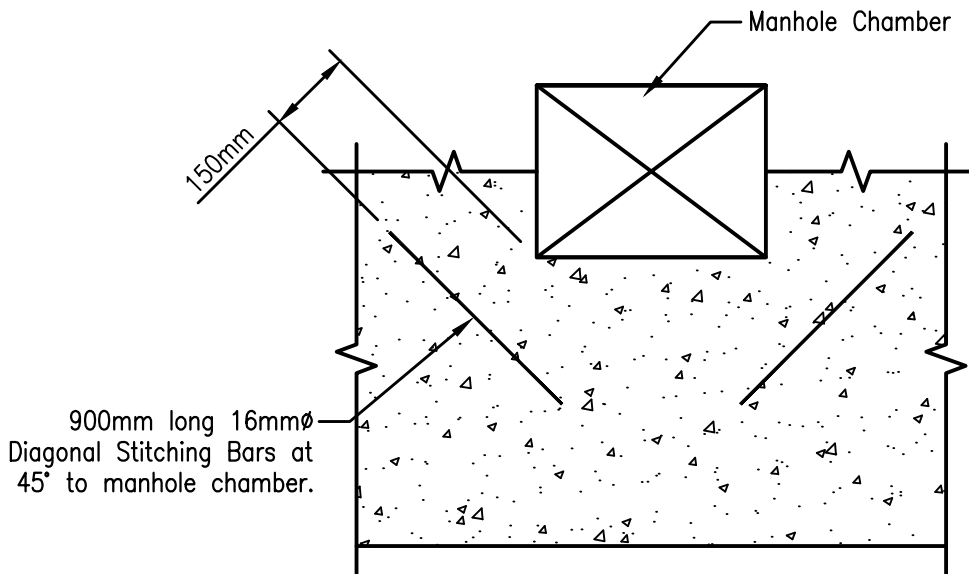
SCALE:
N.T.S.

DRAWING No.
FP001

VERSION
4.0



LONGITUDINAL JOINTS CROSS SECTION



STITCHING BAR PLAN DETAIL

NOTES

1. Refer to Auckland Transport Standard Detail Drawing FP001 for footpath details
2. All Services Lids must be raised or lowered to be flush with footpath levels.
3. Concrete to have minimum compression of 20MPa at 28th day unless otherwise specified by the relevant AT Engineer
4. Concrete surface finish must comply with NZS 3114 and AS/NZS 3661 Slip resistance of Pedestrian Surfaces

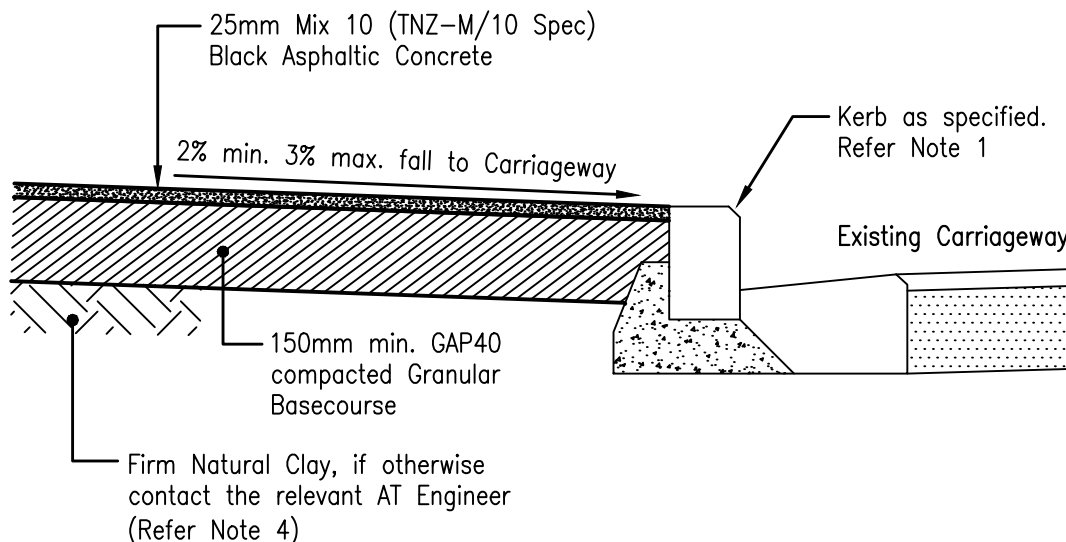
REVISION	BY	DATE



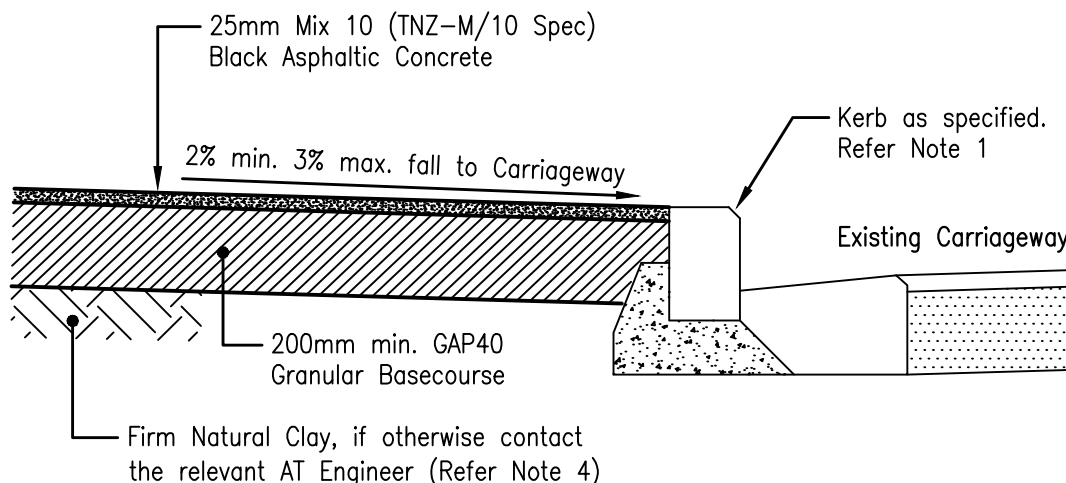
AUCKLAND TRANSPORT
CODE OF PRACTICE

TITLE
**LONGITUDINAL JOINTS
AND STITCHING BAR
DETAILS**

SCALE:
N.T.S.
DRAWING No.
FP002
VERSION 4.0



FOOTPATH



HEAVY DUTY FOOTPATH

NOTES

1. Refer to Auckland Transport Standard Detail Drawings for the following details:
Pram crossings – Plan No. FP009
Kerbs and Channels – Refer to Drawing Set GD000
2. Minimum footpath width is 1800mm. Maximum footpath width is 3000mm.
3. All Services Lids must be raised/lowered to be flush with Footpath levels.
4. Footpath crossfall is to be 2% minimum and 3% maximum..
5. Basecourse or Bedding Layer depth must be increased for weak subgrade (CBR<3), as directed by the relevant AT Engineer

REVISION	BY	DATE



AUCKLAND TRANSPORT
CODE OF PRACTICE

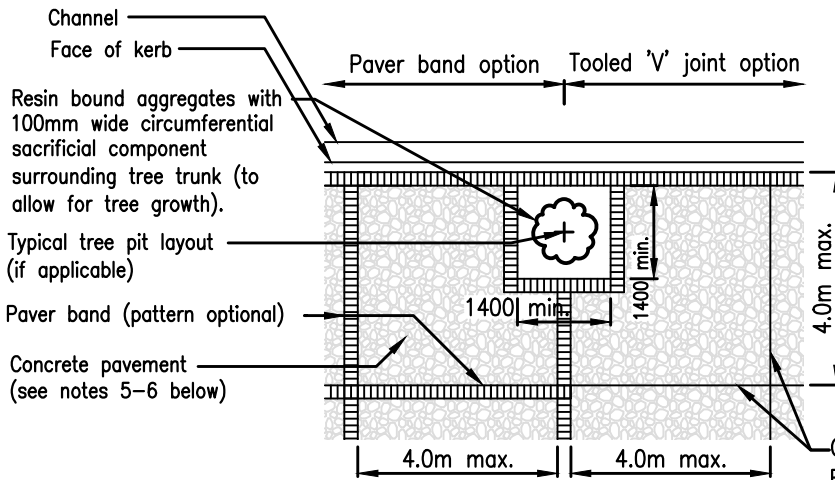
TITLE

ASPHALT FOOTPATH

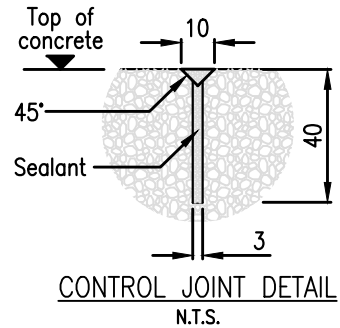
SCALE:
N.T.S.

DRAWING No.
FP003

VERSION 5.0

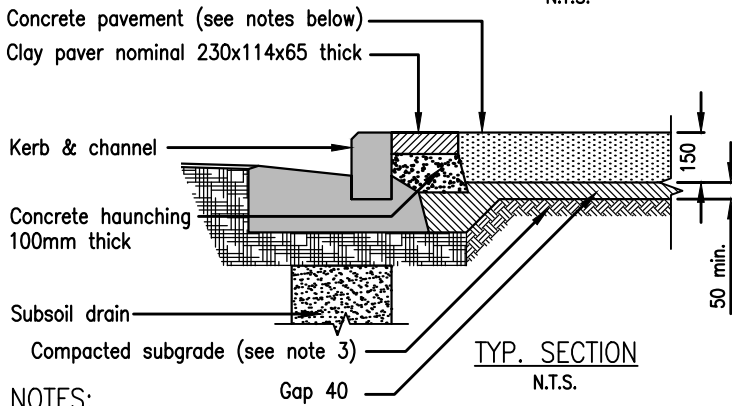


PLAN VIEW
N.T.S.

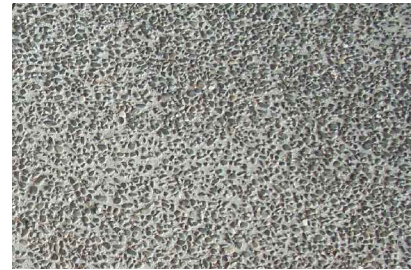


CONTROL JOINT DETAIL
N.T.S.

Control joint:
Form a tooled 'V' and saw cut joint



TYP. SECTION
N.T.S.



Hawkes Bay River Pebble



McCallum Chip



Fozzilcrete

SAMPLE IMAGES
N.T.S.

NOTES:

1. All dimensions are in millimetres unless noted otherwise.
2. Compact subgrade to CBR ≥ 4 . Soft spots to be identified and notified to the relevant AT Engineer who may instruct the soft spots to be dug out and replaced with AP65 subbase laid and compacted in 150mm thick layers or other remedial treatments.
3. Minimum footpath crossfall to be 2% away from buildings which allows the footpaths to be self cleaning with rainfall.
4. All concrete strength to be minimum 20MPa @ 28 days.
5. Concrete Types:
 - i) Exposed Aggregate Concrete: Hawkes Bay River Pebble and McCallum Chip (max 10 mm) aggregate or similar as approved by the relevant AT Engineer.
 - ii) When using McCallum chip exposed aggregate, red oxide must be added at 3Kg/m³
6. Concrete Finish:
All concrete must comply with NZS 3114 (Specification for Concrete Surface Finishes) and AS/NZS 3661 (Slip Resistance of Pedestrian Surfaces).

REVISION	BY	DATE



AUCKLAND TRANSPORT
CODE OF PRACTICE

TITLE

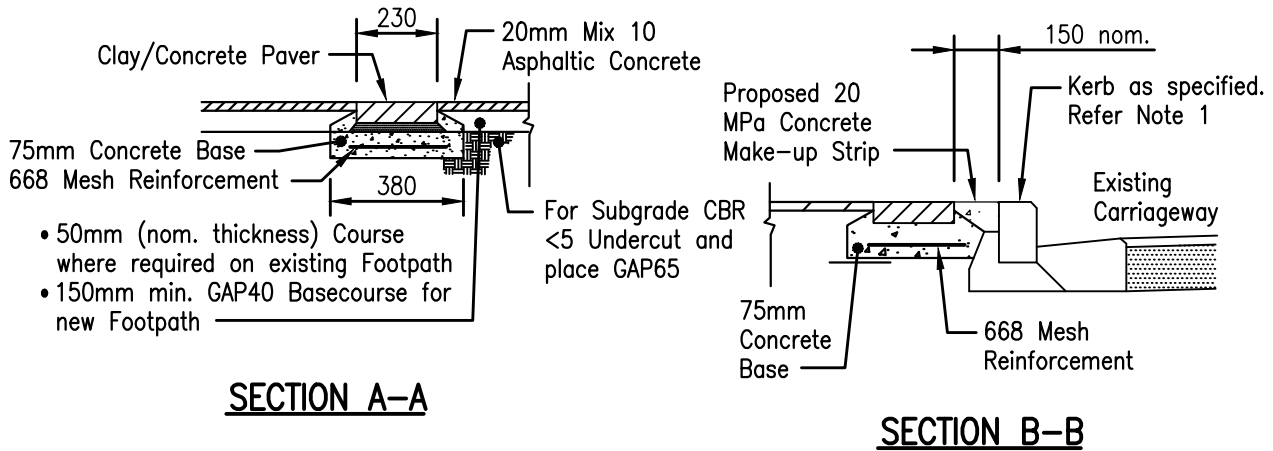
**COMMERCIAL CENTRE
CONCRETE FOOTPATH**

SCALE:
N.T.S.

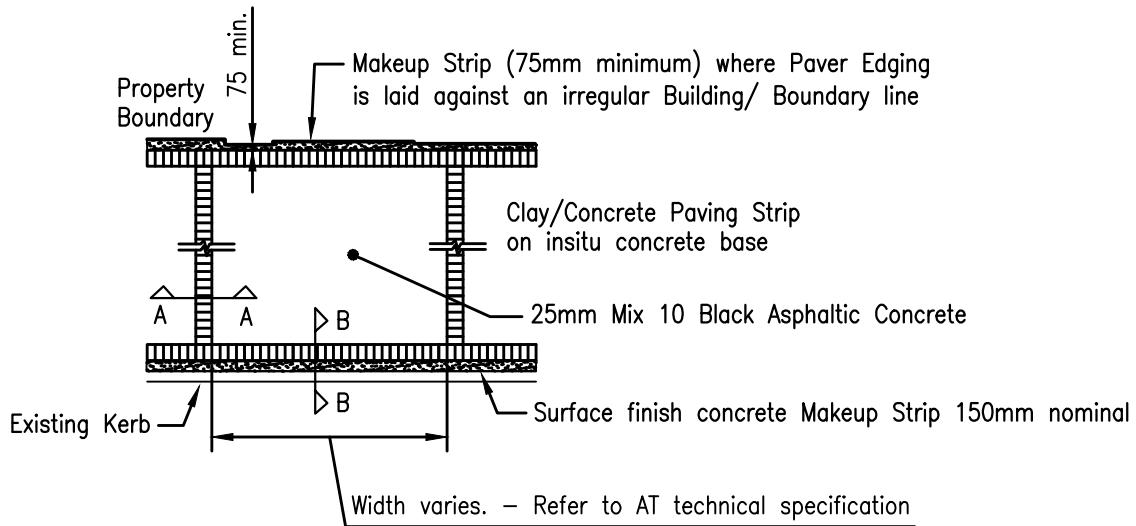
DRAWING No.

FP004

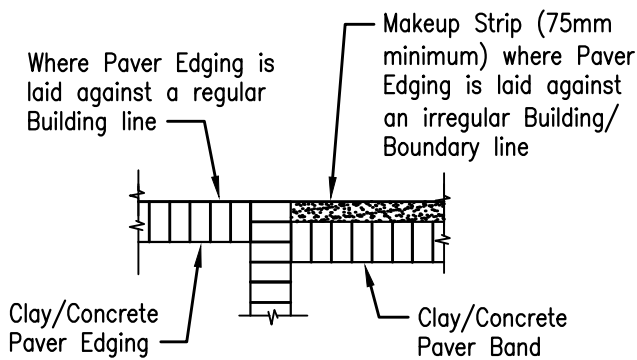
VERSION 2.0



PAVER BAND AND ASPHALT CONSTRUCTION



TYPICAL BAND



TYPICAL JUNCTION

NOTES

1. Refer to Auckland Transport Standard Detail Drawings for the following details: Pram crossings – Plan No. FP009, Kerbs and Channels – Section Auckland Transport Standard drawing set GD000
2. All Services Lids must be raised/lowered to be flush with Footpath levels.
3. All work in accordance with "NZS 3116:2002 – Concrete Segmental and Flagstone Paving (Including Amendment No.1).
4. All Pavers and Decorative Concrete requires specific design and approval.

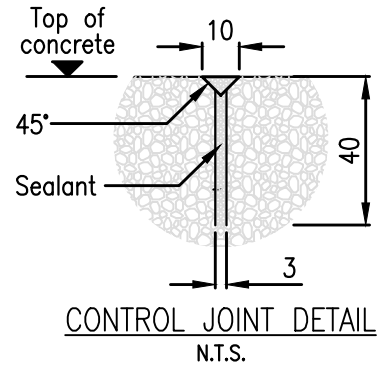
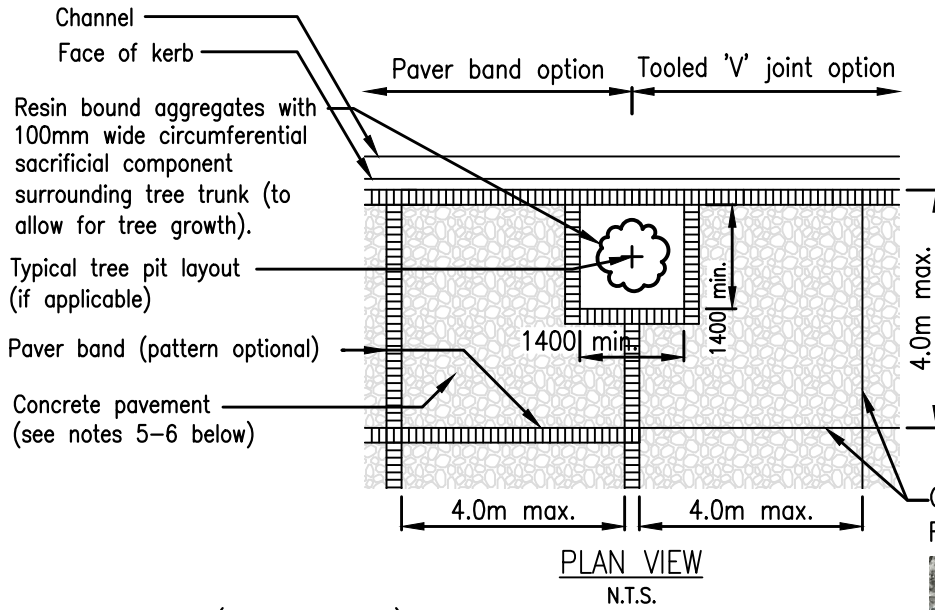
REVISION	BY	DATE



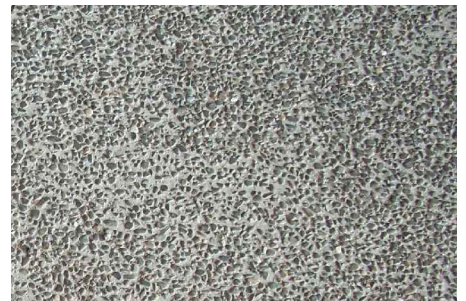
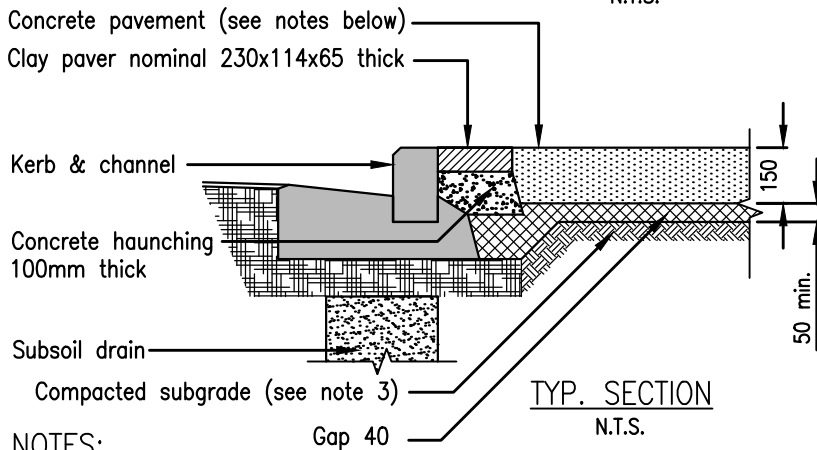
AUCKLAND TRANSPORT CODE OF PRACTICE	
TITLE ASPHALT/PAVER COMBINATION FOOTPATH	

SCALE: N.T.S.
DRAWING No. FP004
VERSION 4.0

Drawing set for Chapter 12 - Footpaths and Pedestrian Facilities



Control joint:
Form a tooled 'V' and saw cut joint



Hawkes Bay River Pebble



McCallum Chip



Fozzilcrete

SAMPLE IMAGES

N.T.S.

NOTES:

1. All dimensions are in millimetres unless noted otherwise.
2. Compact subgrade to CBR \geq 4. Soft spots to be identified and notified to the relevant AT Engineer who may instruct the soft spots to be dug out and replaced with AP65 subbase laid and compacted in 150mm thick layers or other remedial treatments.
3. Minimum footpath crossfall to be 2% away from buildings which allows the footpaths to be self cleaning with rainfall.
4. All concrete strength to be minimum 20MPa @ 28 days.
5. Concrete Types:
 - i) Exposed Aggregate Concrete: Hawkes Bay River Pebble and McCallum Chip (max 10 mm) aggregate or similar as approved by the relevant AT Engineer.
 - ii) When using McCallum chip exposed aggregate, red oxide must be added at 3Kg/m³
6. Concrete Finish:
All concrete must comply with NZS 3114 (Specification for Concrete Surface Finishes) and AS/NZS 3661 (Slip Resistance of Pedestrian Surfaces).

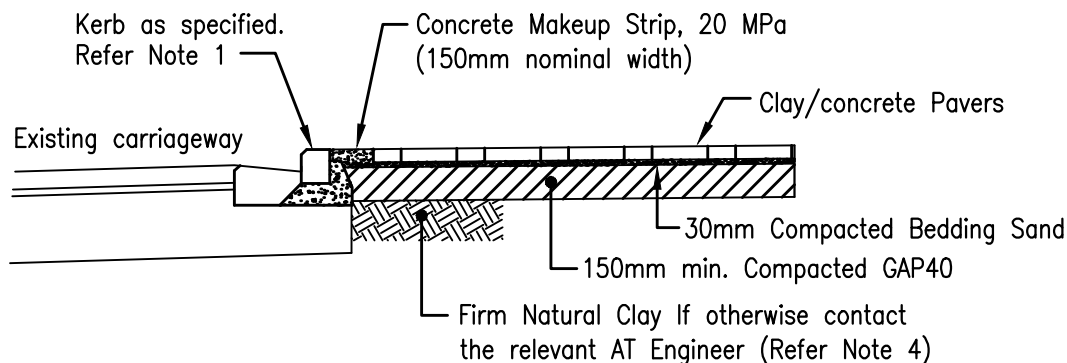
REVISION	BY	DATE



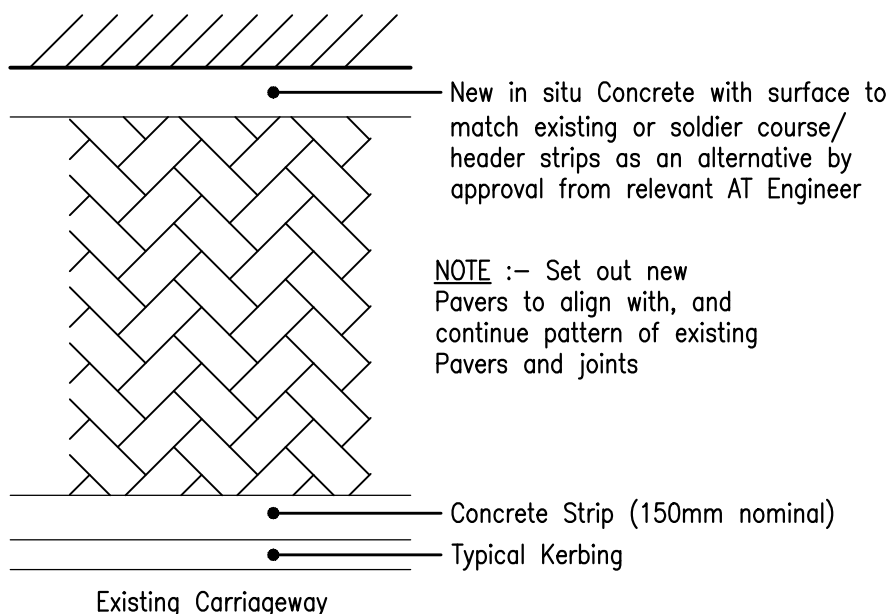
AUCKLAND TRANSPORT
CODE OF PRACTICE

TITLE
**COMMERCIAL CENTRE
CONCRETE FOOTPATH**

SCALE:	N.T.S.
DRAWING No.	FP005
VERSION	3.0



TYPICAL CROSS SECTION



NOTE :- Set out new Pavers to align with, and continue pattern of existing Pavers and joints

TYPICAL PLAN VIEW

NOTES

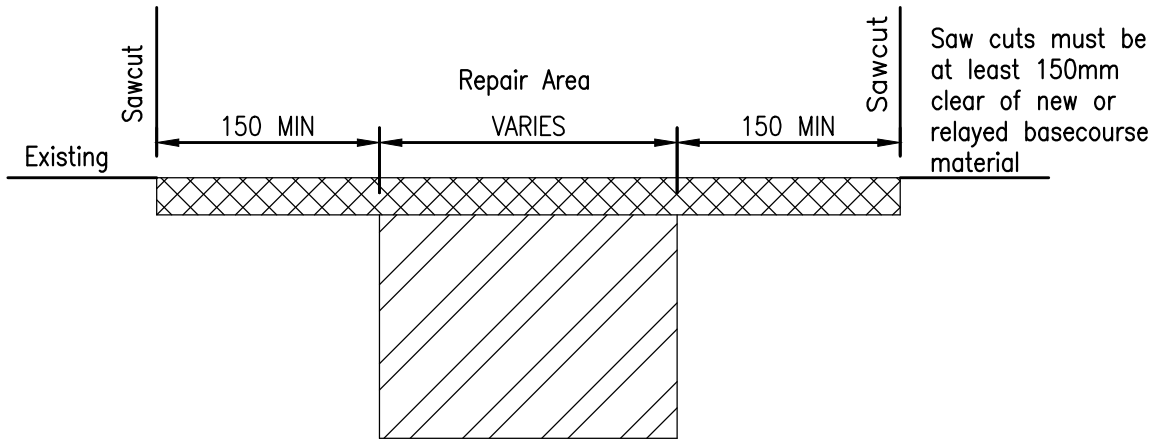
1. Refer to Auckland Transport Standard Detail Drawings for the following details :-
 Pram crossings – Plan No. FP009
 Kerbs and Channels – Section GD000.
2. All Services Lids must be raised or lowered must be flush with footpath levels.
3. All work in accordance with NZS 3116:2002 – Concrete Segmental and Flagstone paving and Suppliers Instructions.
4. Basecourse Layer depth must be increased for weak subgrade (CBR<3), as directed by the relevant AT Engineer

REVISION	BY	DATE



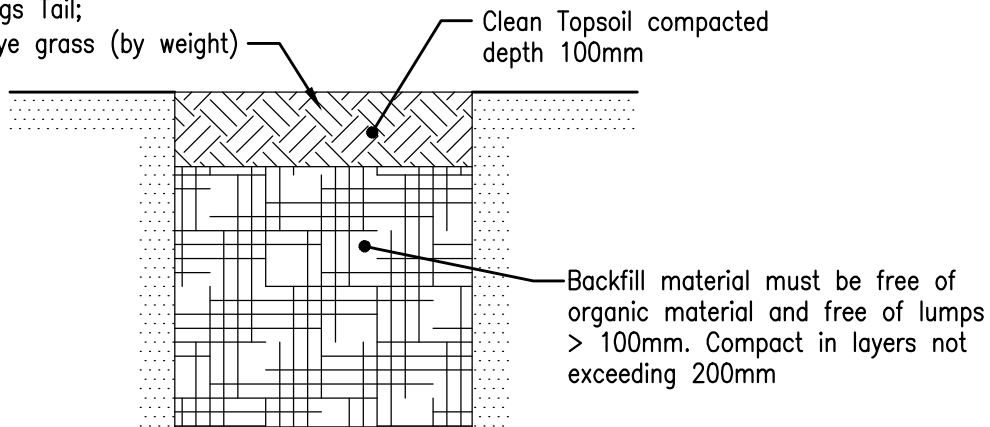
AUCKLAND TRANSPORT CODE OF PRACTICE	
TITLE	FOOTPATH CONSTRUCTION PAVER TYPE

SCALE:	N.T.S.
DRAWING No.	FP006
VERSION	4.0

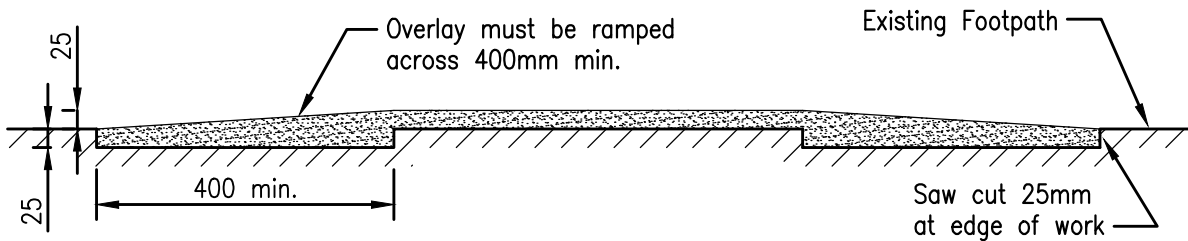


FOOTPATH REPAIR DETAIL

Sow with Grass Seed Mix –
 15% Chewings Fescue;
 7.5% Brown Top;
 7.5% Crested Dogs Tail;
 70% Perennial Rye grass (by weight)



VERGE REINSTATEMENT DETAIL



ASPHALT OVERLAY DETAIL

NOTES:

1. In areas of Asphalt, if the edge of the repair is within 1m of a Construction Joint, crack or the edge of existing pavement, then the existing pavement within this zone must be replaced as part of the repair.
2. In the areas of Concrete, if the centre of the repair is within 2m of a construction joint, crack or edge of the existing pavement, then the existing pavement within this zone must be replaced as part of the repair.
3. All Asphalt must be laid on Cat 60 Emulsion Tack Coat which has been sprayed evenly.

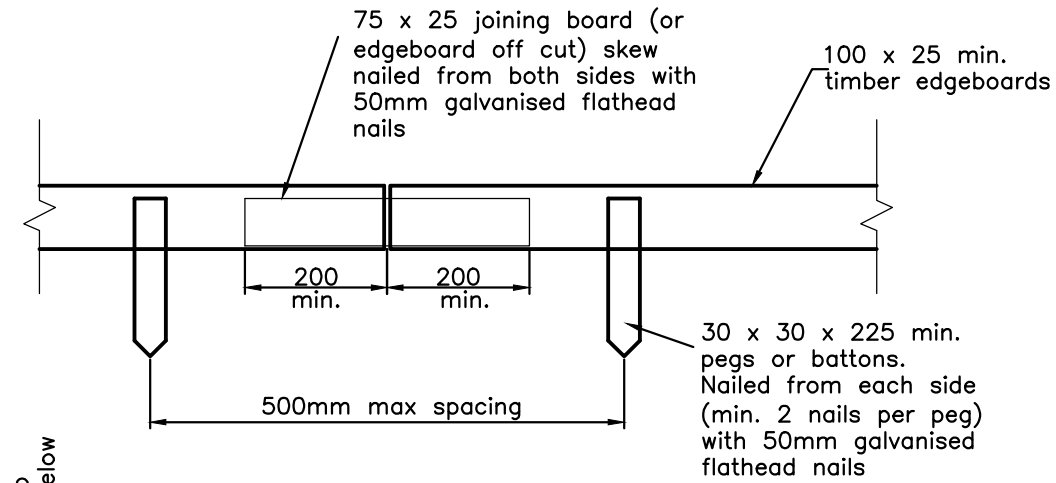
REVISION	BY	DATE



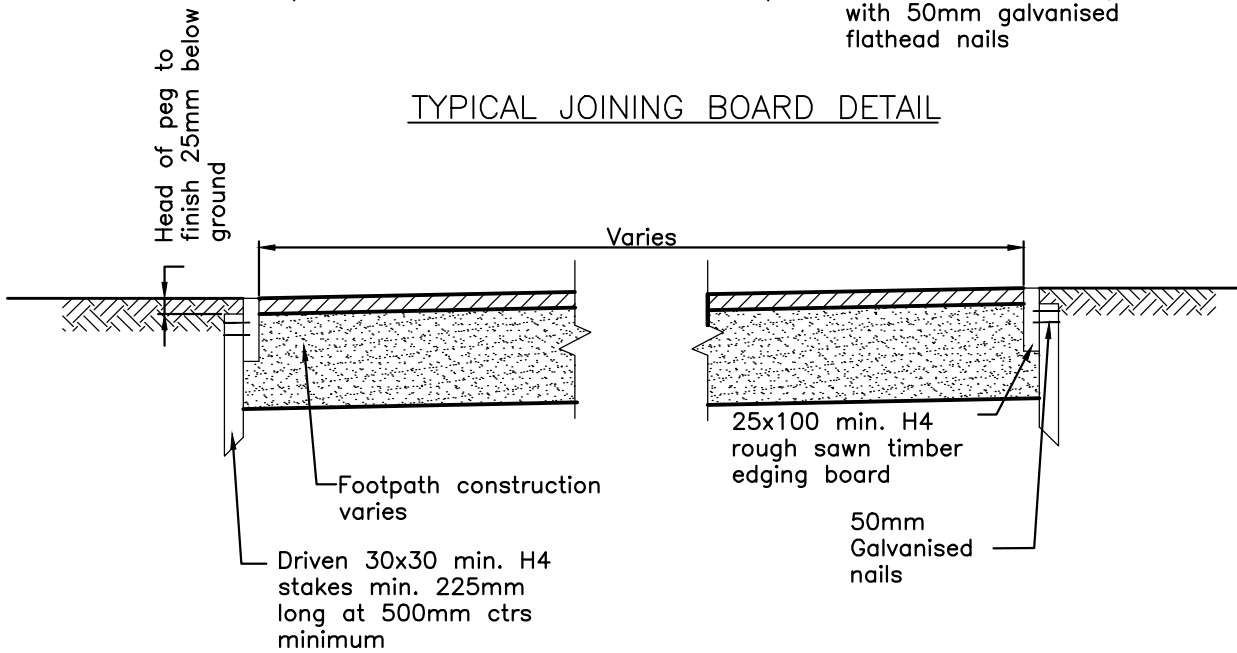
AUCKLAND TRANSPORT
 CODE OF PRACTICE

TITLE **ASPHALT FOOTPATH AND
 VEHICLE CROSSING
 REPAIR DETAILS**

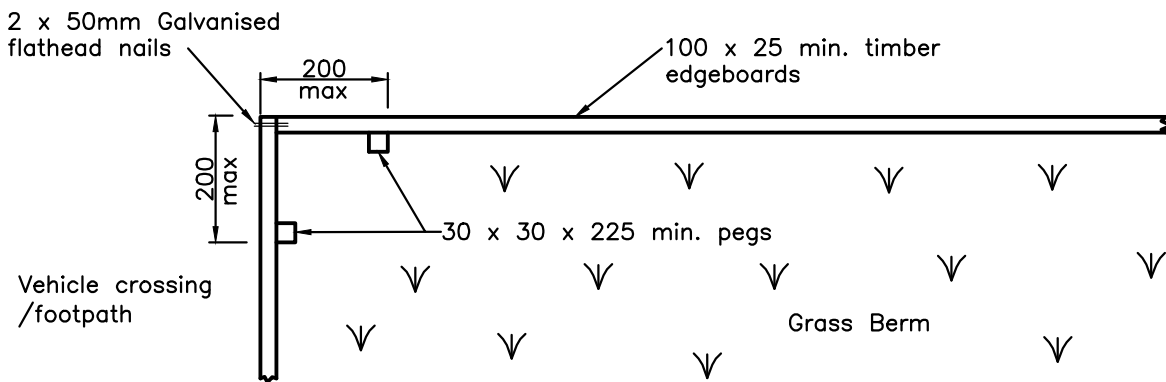
SCALE: N.T.S.
 DRAWING No. FP007
 VERSION 3.0



TYPICAL JOINING BOARD DETAIL



TYPICAL FOOTPATH CROSS SECTION



TYPICAL CORNER DETAIL

Note:

1. All timber must be H4 treated.
2. The timber thicknesses and depths shown are minimum only and where site conditions require the dimensions are to be increased to suit or as directed by the relevant AT Engineer.

REVISION	BY	DATE



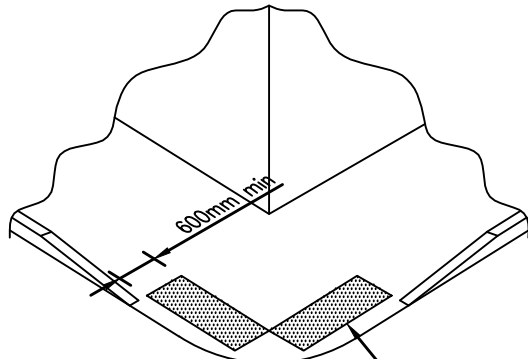
AUCKLAND TRANSPORT
CODE OF PRACTICE

TITLE
FOOTPATH EDGING DETAIL

SCALE:
N.T.S.
DRAWING No.
FP008
VERSION
3.0

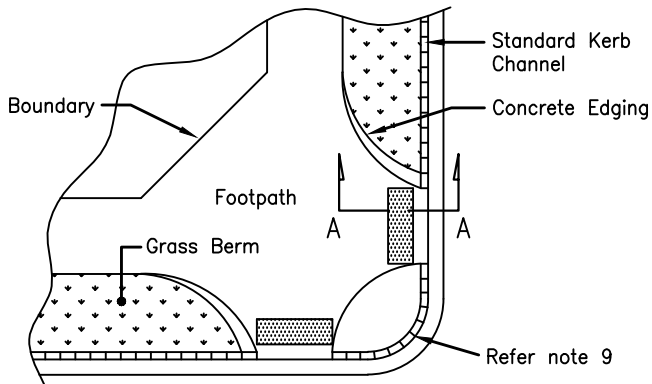
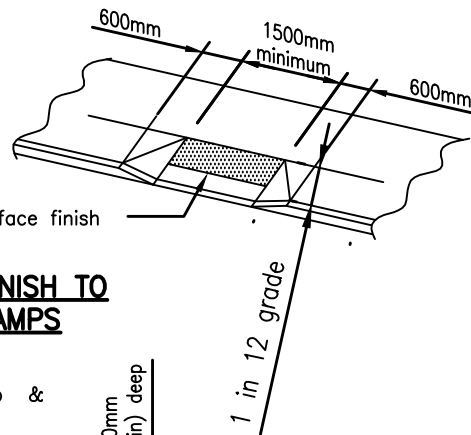
NOTES

1. This crossing design complies with the requirements of the Disabled Persons Act and the Building Act.
2. Desirable grade is 1 in 20, with maximum grade 1 in 12.
3. Edge of crossing to be finished flush with existing channel. (No Lip, maintain common surface).
4. Tactile Ground Surface Indicator (TGSi) must be installed in accordance with:
 - NZTA RTS 14 Guidelines for facilities for blind and vision-impaired pedestrians.
 - AS/NZS 1428.4:2009 Design for access and mobility.
5. 300x300mm sealed yellow concrete warning TGSi tiles are to have a 100mm thick concrete slab under them.
6. The crossing point should be oriented such that the leading edge of the crossing is perpendicular to the direction of travel.
7. Consideration should be given to including Directional TGSis in complex areas and where direction of travel needs to be made clear, but not at uncontrolled crossings.
8. Bluestone kerb blocks must not extend across a pram crossing.
9. The length of kerb upstand between kerb ramps shall be greater than 1m.
10. The pram crossing apart from the tactiles must be constructed in the same material and colour and/or texture as the adjacent footpath.
11. Unless otherwise approved by the relevant AT Engineer, the pram crossing must be constructed in accordance with the requirements for a concrete footpath (Drawing FP001).

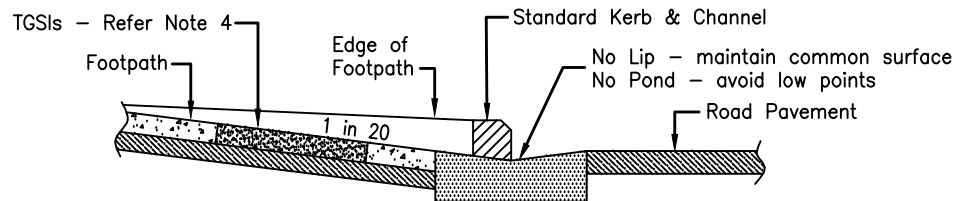
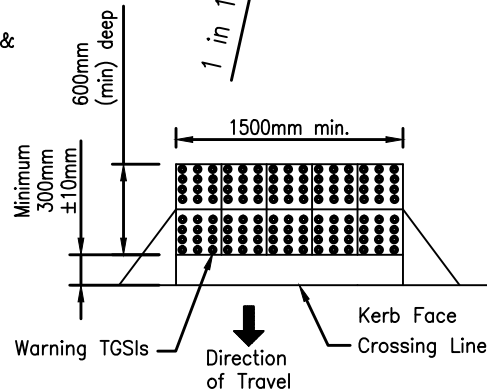


Refer note 9
Contrasting surface finish
Warning TGSis

**SURFACE FINISH TO
KERB RAMPS**



PLANS

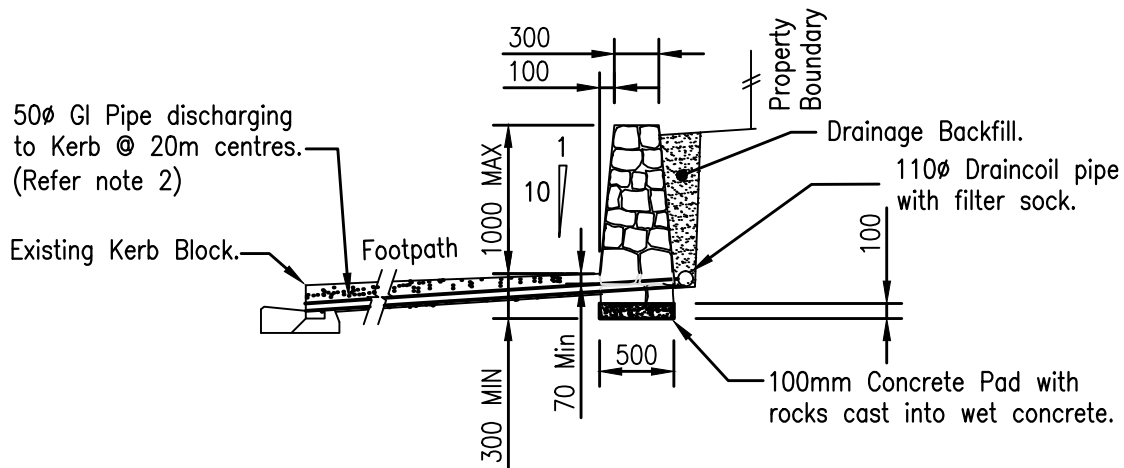


SECTION A-A

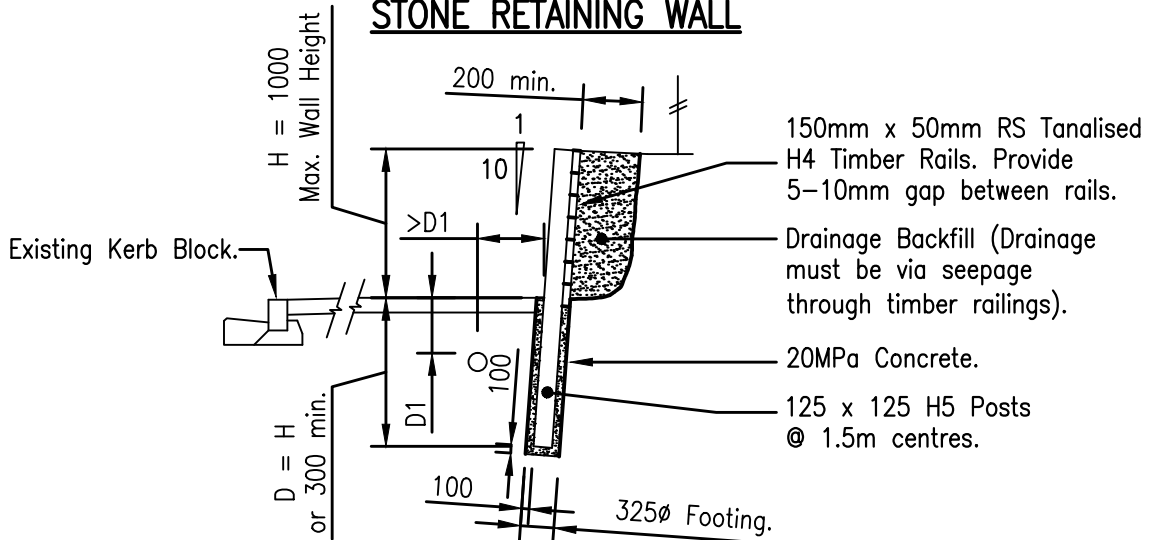
REVISION	BY	DATE



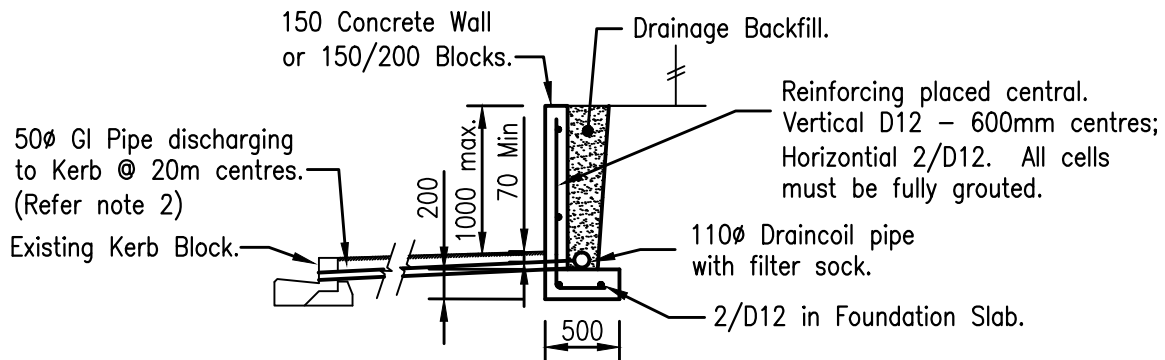
AUCKLAND TRANSPORT CODE OF PRACTICE		SCALE: N.T.S.
TITLE PRAM CROSSING		DRAWING No. FP009
		VERSION 5.0



STONE RETAINING WALL



TIMBER RETAINING WALL



REINFORCED CONCRETE / BLOCK WALL

NOTES

1. All work is must be within the Road Reserve, unless specific approval has been obtained from the adjoining Landowner.
2. Minimum 70mm cover under footpath to be provided.

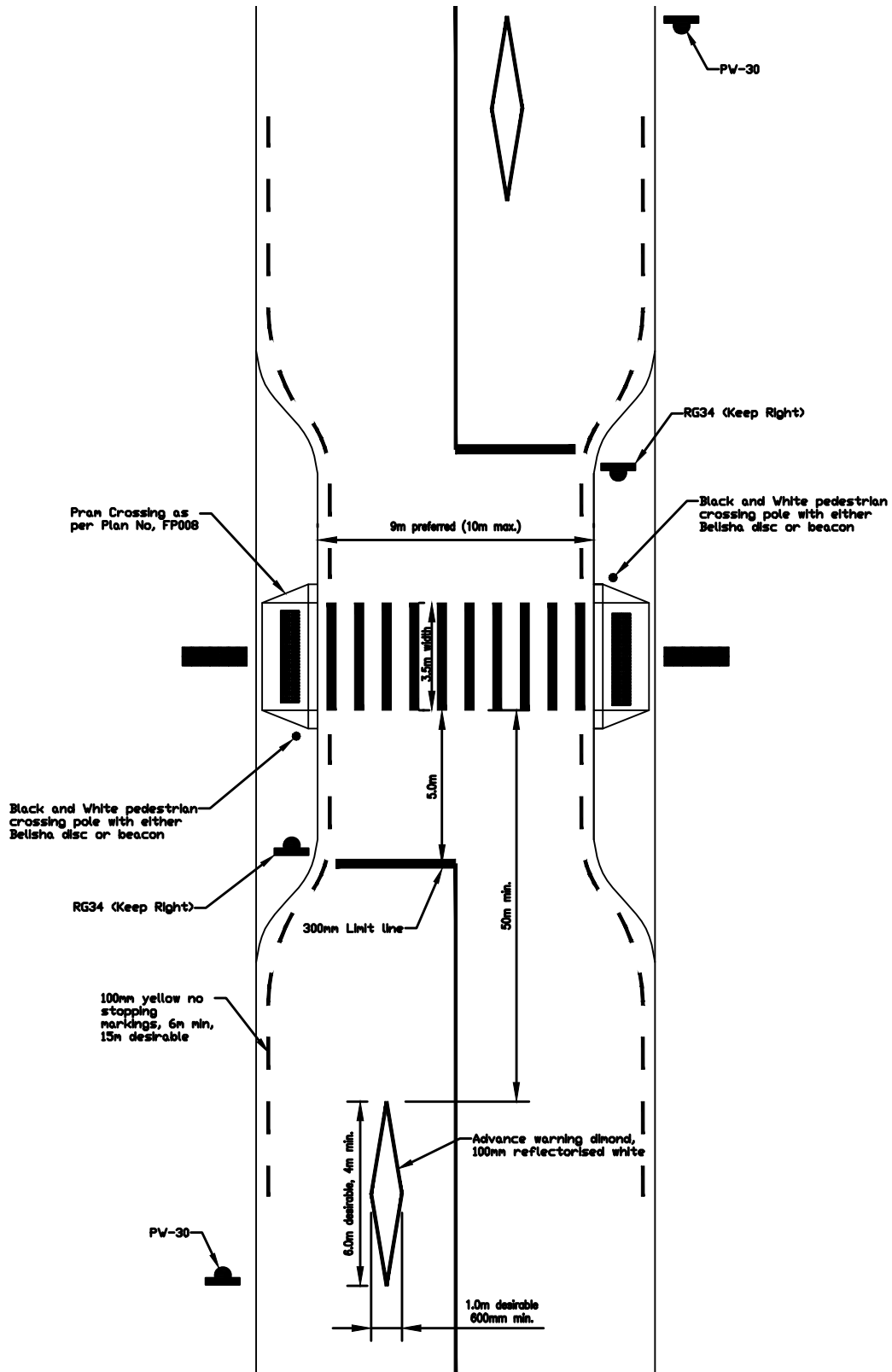
REVISION	BY	DATE



AUCKLAND TRANSPORT
CODE OF PRACTICE

TITLE
FOOTPATH RETAINING WALLS - <1.0m HIGH

SCALE:	N.T.S.
DRAWING No.	FP010
VERSION	4.0

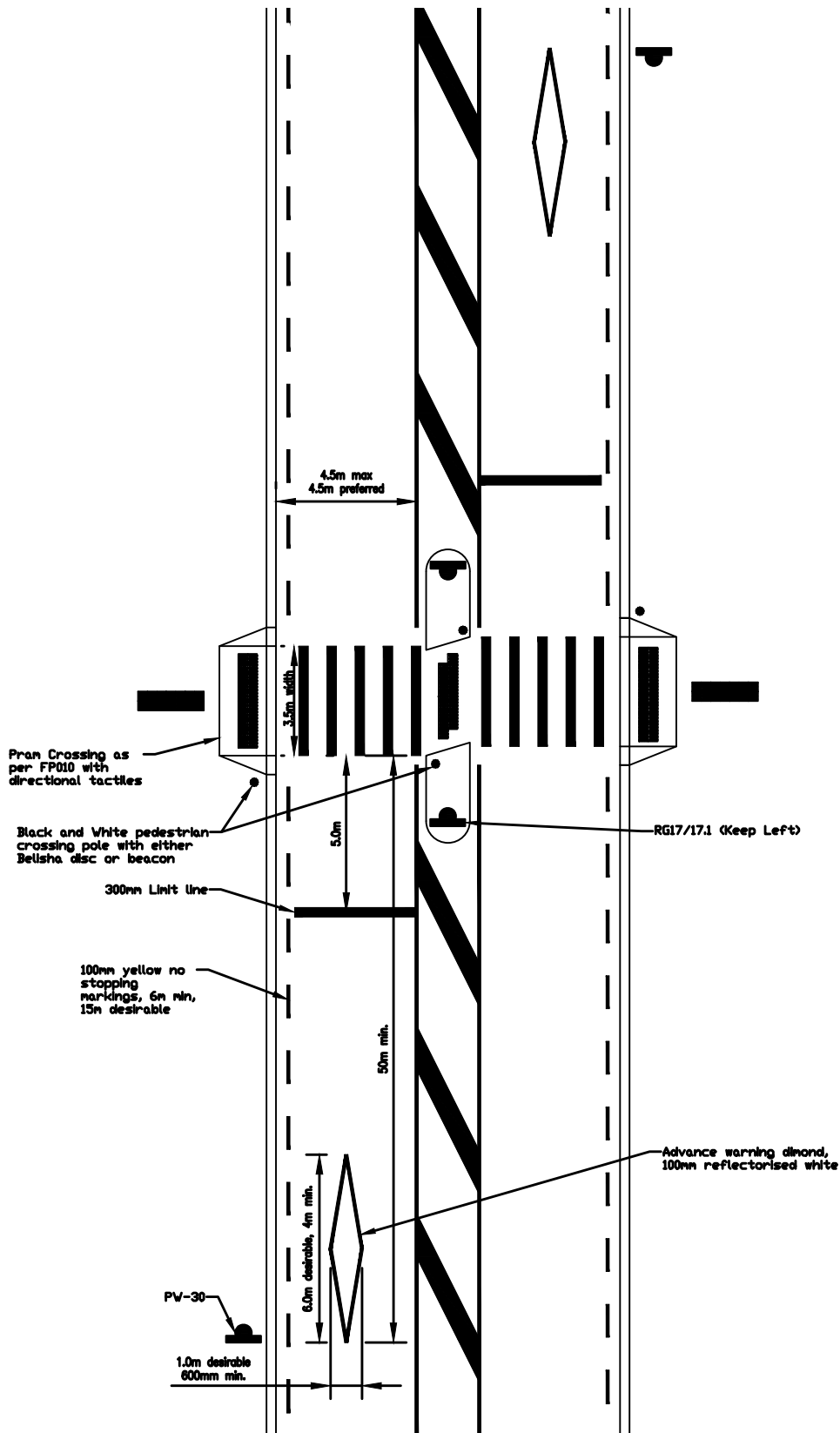


REVISION	BY	DATE



AUCKLAND TRANSPORT CODE OF PRACTICE	
TITLE	PEDESTRIAN CROSSING SIDE ISLAND

SCALE:	N.T.S.
DRAWING No.	FP011
VERSION	4.0

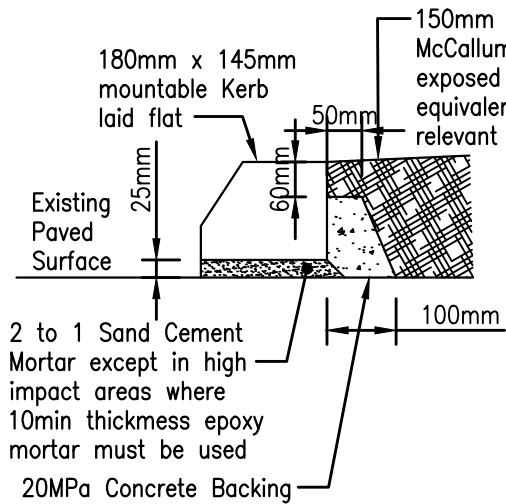


REVISION	BY	DATE

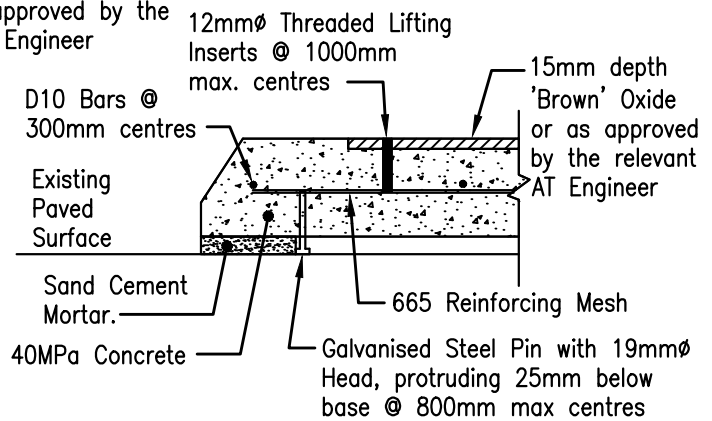


AUCKLAND TRANSPORT CODE OF PRACTICE	
TITLE	PEDESTRIAN CROSSING CENTRE ISLAND

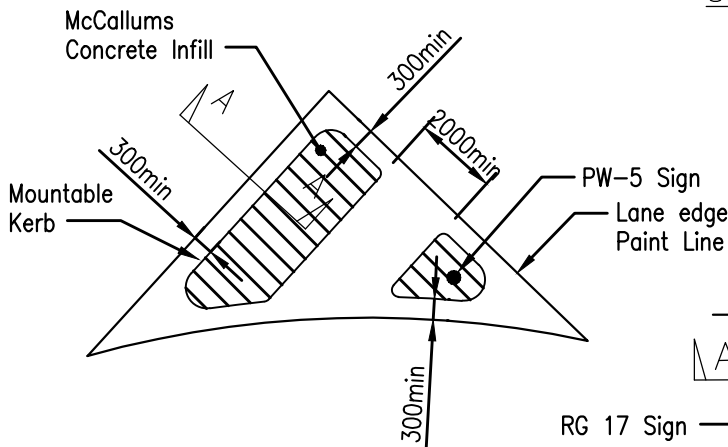
SCALE:	N.T.S.
DRAWING No.	FP012
VERSION	4.0



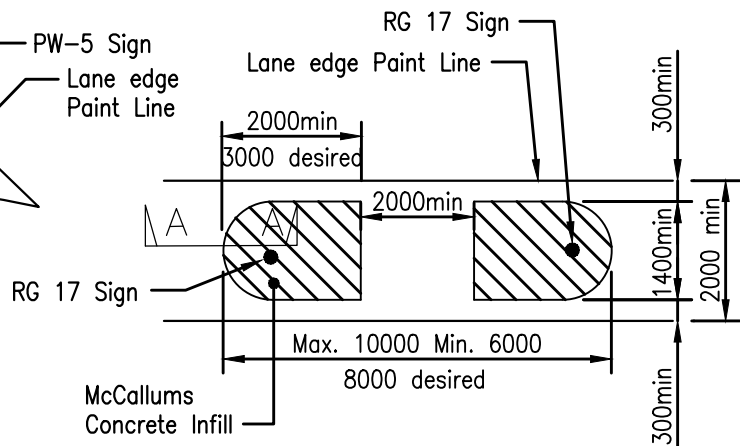
SECTION A-A - IN-SITU



SECTION A-A - PRECAST



SLIP LANE PEDESTRIAN REFUGE ISLAND LAYOUT



CENTRAL MEDIAN PEDESTRIAN REFUGE ISLAND LAYOUT STRAIGHT (90°) WALK-THROUGH

NOTES

1. The existing paved surface (concrete or asphalt) must be coated with approved bonding agent prior to the placing of any mortar bedding or concrete backing material.
2. Surface of island must have a crossfall of 10% or max rise to centre of 150mm.
3. Use radius blocks as required.
4. All sign posts are to be SS-3 type - (Vertiflex Posts).
5. A minimum clearance of 300mm should be achieved between edge of any signs and kerb faces.
6. A minimum clearance of 300mm between kerb face and lane edge line should be achieved
7. RG 17 signs on traffic islands must be rotated 4-5° away from the driver viewing axis
8. No planting allowed on pedestrian refuge islands.

REVISION	BY	DATE



AUCKLAND TRANSPORT
CODE OF PRACTICE

TITLE

PEDESTRIAN
REFUGE ISLAND

SCALE:
N.T.S.

DRAWING No.
FP013

VERSION
4.0