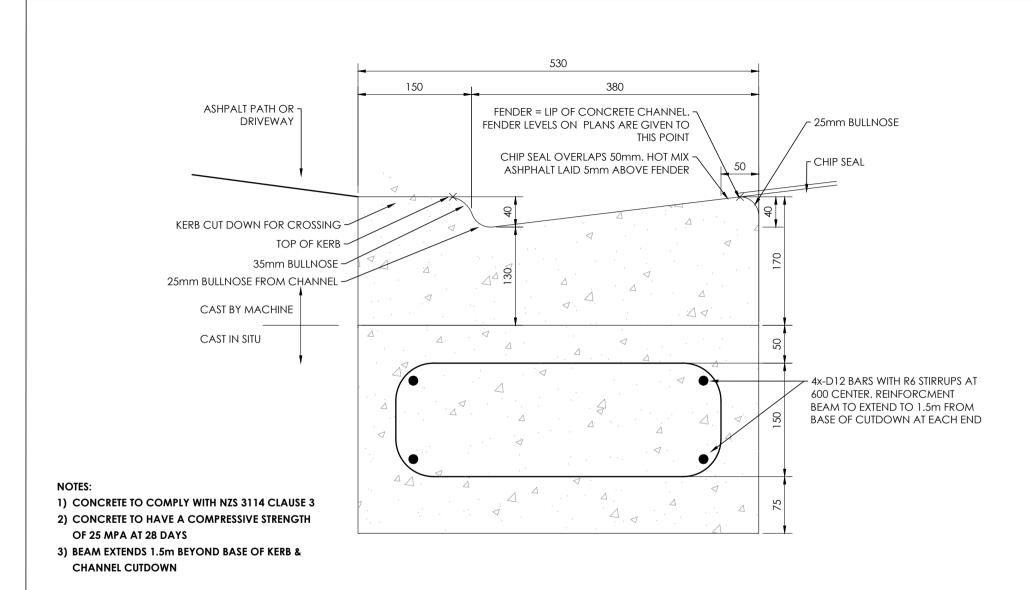




STANDARD KERB AND CHANNEL

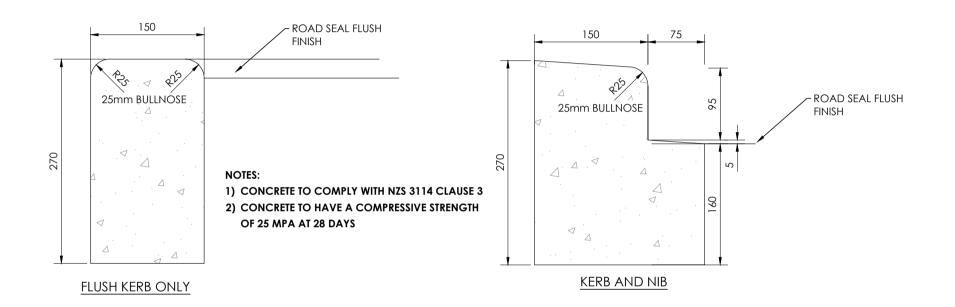
STANDARD NO: RD 1.0





STANDARD KERB & CHANNEL VEHICLE CUTDOWN WITH HEAVY DUTY BEAM

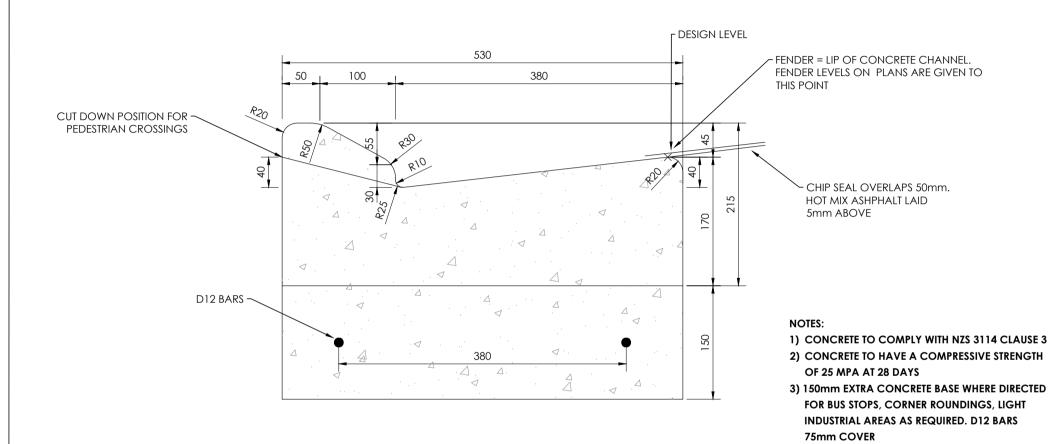
STANDARD NO: RD 1.1

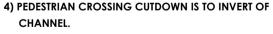




KERB ONLY & NIB KERB

STANDARD NO: RD 1.2





5) FOR DRIVEWAY SERVICING TWO LOTS / DWELLINGS CUTDOWN REQUIRED WITH 25mm BULLNOSE FROM CHANNEL.

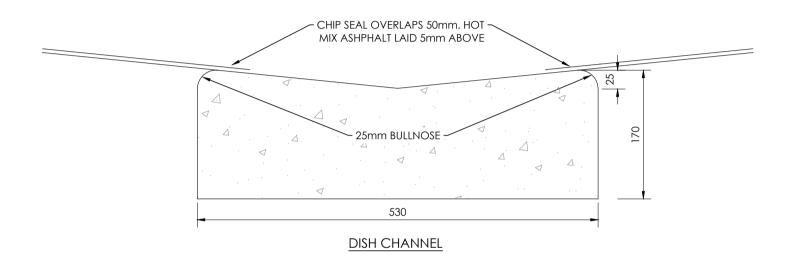


SDC LOW PROFILE KERB AND CHANNEL

STANDARD NO: RD 1.3

DATE: JAN 2023

SCALE: 1:5 @A4

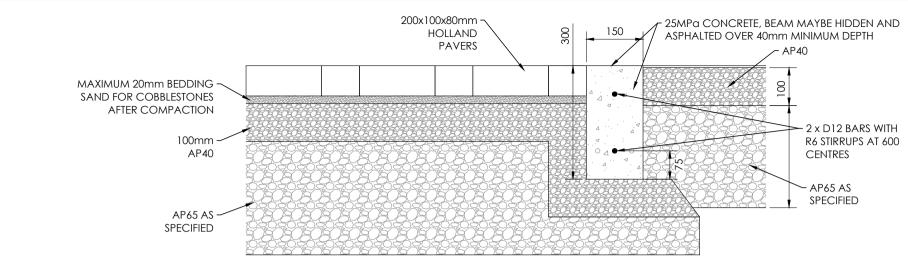


- 1) CONCRETE TO COMPLY WITH NZS 3114 CLAUSE 3
- 2) CONCRETE TO HAVE A COMPRESSIVE STRENGTH OF 25 MPA AT 28 DAYS

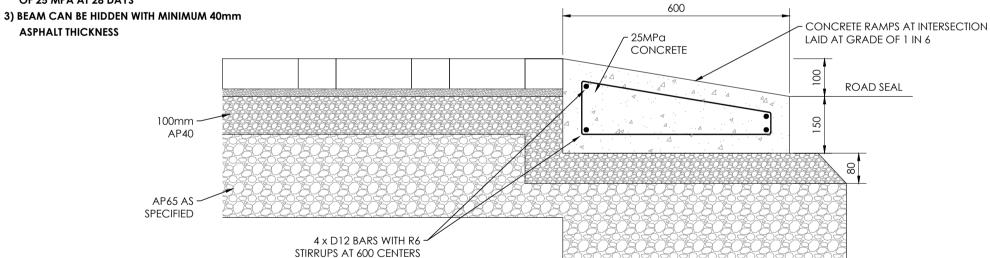


DISH CHANNELS

STANDARD NO: RD 1.4



- 1) CONCRETE TO COMPLY WITH NZS 3114 CLAUSE 3
- 2) CONCRETE TO HAVE A COMPRESSIVE STRENGTH
 OF 25 MPA AT 28 DAYS



EXPOSED CONCRETE BEAM TO BE LAID BESIDE COBBLED ROAD CROSSINGS

RAISED PLATFORM TO BE LAID BESIDE COBBLED ROAD CROSSINGS

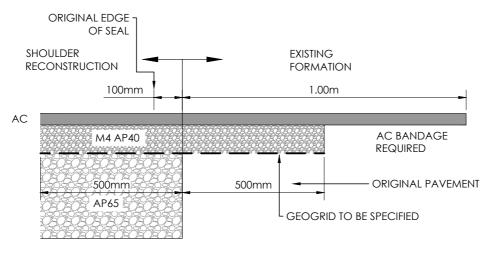


STANDARD COBBLESTONE EDGE TREATMENT

STANDARD NO: RD 2.0

DATE: JAN 2023

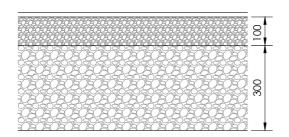
SCALE: 1:10 @A4



NEW ROAD FOUNDATION AND SHOULDER RECONSTRUCTION

WHERE NEW SHOULDER MEETS EXISTING CARRIAGEWAY FORMATION, M4 AP40 TO EXTEND 500mm TO KEY INTO EXISTING.

- -TWO COAT SEAL GRADE 4-6 CHIP
- -100mm M4 AP40
- -300mm AP 65 BASE COURSE

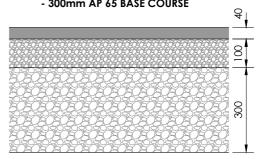


NEW ROAD FOUNDATION AND SHOULDER RECONSTRUCTION

CUT TO WASTE BERM UNDER THE NEW CONSTRUCTION TO UPGRADE 340 mm BELOW NEW SEAL LEVEL. **BACKFILL WITH 250mm DEPTH OF CRUSHED AP65 IN** PREPARATION FOR FINAL CARRIAGEWAY **CONSTRUCTION USING M4 AP40.**

ADDITIONAL BASE AND SUB BASE MAY BE REQUIRED WHEN DIRECTED BY THE ENGINEER OR IN CBR / **TESTING INDICATE ADDITION MATERIAL IS REQUIRED** OR SITUATIONS REQUIRE ALTERNATIVE SOLUTIONS.

- DG-10 40mm
- 100mm M4 AP40
- 300mm AP 65 BASE COURSE



NEW ROAD FOUNDATION AND SHOULDER RECONSTRUCTION

EXTRA BASE AND SUB BASE MAY BE REQUIRED WHEN DIRECTED BY THE ENGINEER OR IN SITUATIONS E.G.

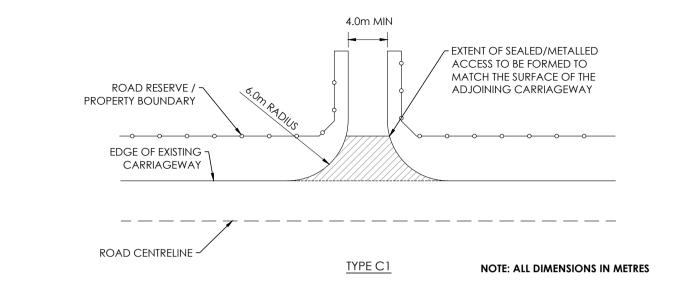
- **COMMERCIAL ENTRANCEWAY**
- **INDUSTRIAL SITES**
- **BUS STOPS**
- **CORNER ROUNDING**
- LARGE TURNING MOVEMENTS.

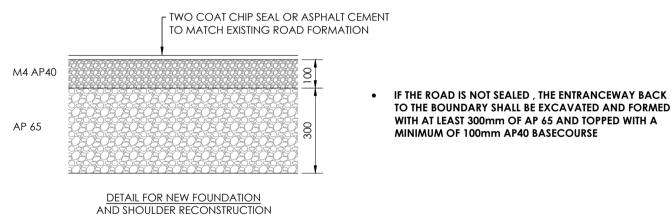
ALL CARRIAGEWAY WORKS SHALL COMPLY WITH ANY STANDARDS PUBLISHED, ADOPTED OR ENDORSED BY WAKA KOTAHI NZTA AND STANDARDS NEW ZEALAND THAT APPLY TO THE TYPE AND NATURE OF THE WORK. ALL BASECOURSE AND SUB BASECOURSE MATERIALS ARE TO COMPLY WITH WAKA KOTAHI NZTA B/2 M/4:AP40



STANDARD ROAD RECONSTRUCTION

STANDARD NO: RD 2.1



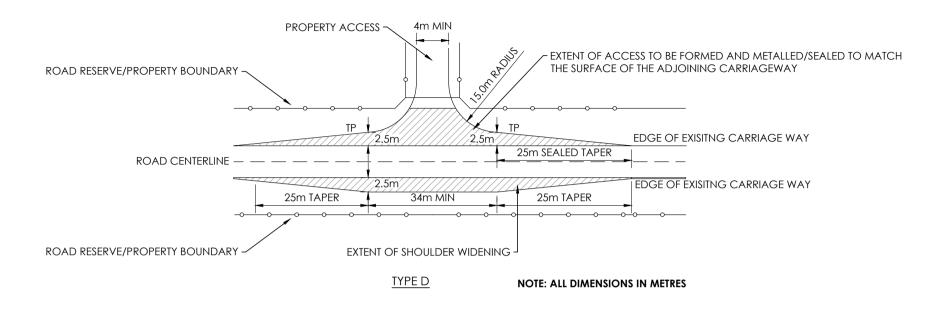


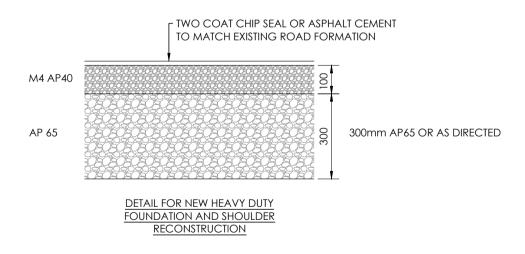


RURAL RESIDENTIAL VEHICLE ENTRANCEWAY STANDARD

STANDARD NO: RD 2.2

DATE: JAN 2023



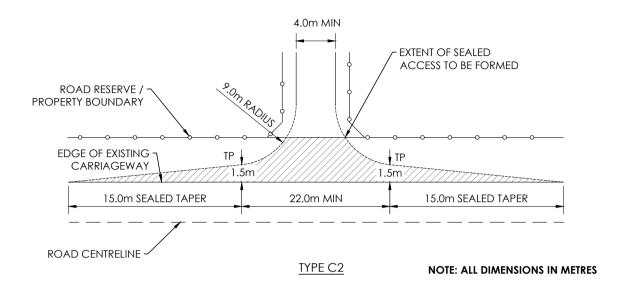


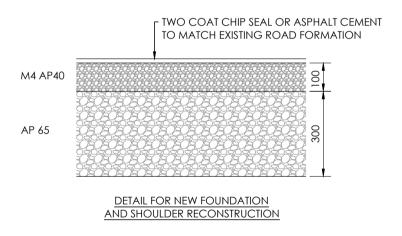


RURAL VEHICLE, COMMERCIAL AND HEAVY VEHICLE ENTRANCEWAY

STANDARD NO: RD 2.3

DATE: JAN 2023



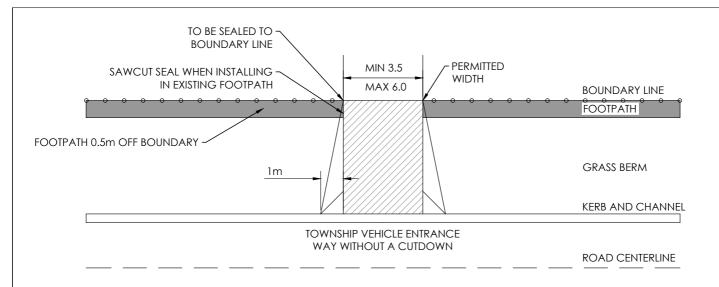




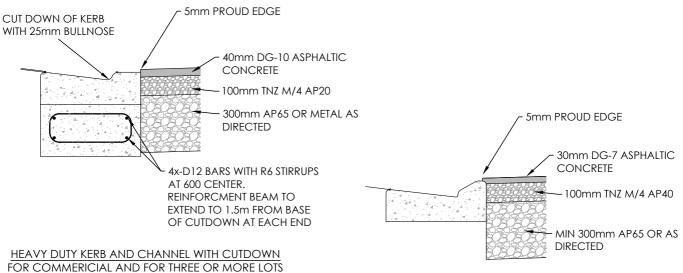
RURAL VEHICLE ENTRANCEWAY STANDARD

STANDARD NO: RD 2.4

DATE: JAN 2023

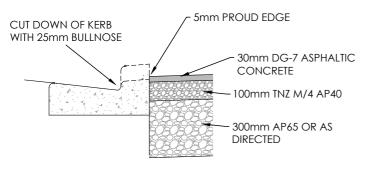


TOWNSHIP VEHICLE ENTRANCEWAY WITH FOOTPATH AT BOUNDARY LINE



OFF A RIGHT OF WAY

LOW PROFILE KERB AND CHANNEL CROSSING FOR SINGLE PROPERTY



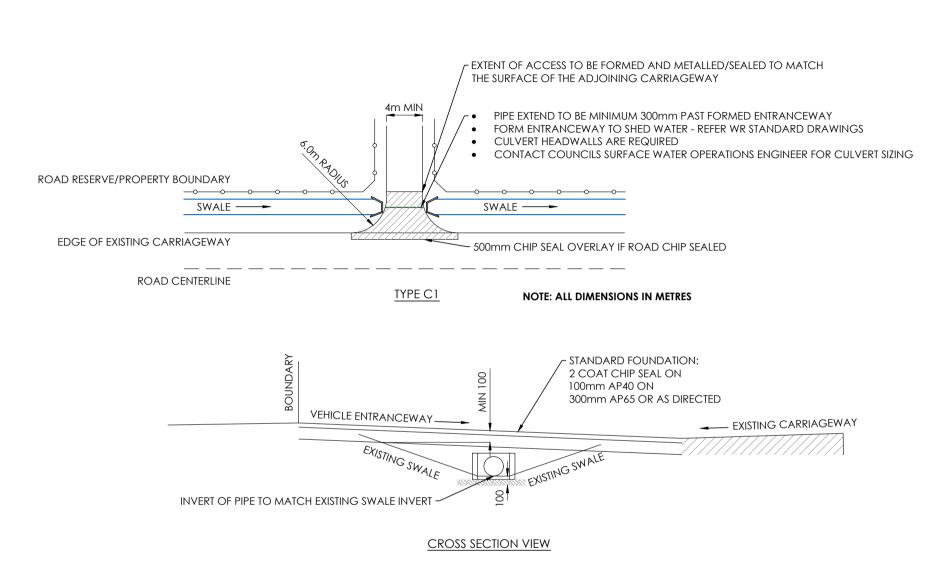
STANDARD KERB AND CHANNEL CROSSING TO RIGHTS OF WAYS SERVICING TWO LOTS

NOTES:

- **DEPTH OF BASECOURSE IS THE MINIMUM**
- EXTRA DEPTH MAY BE NEEDED DEPENDING ON SUBGRADE TO ACHIEVE COMPACTED STRENGTH
- CROSSFALL TO BE NOMINALLY 3% (MIN 1%, MAX 4.5%) OR AS SHOWN ON PLANS
- BATTENS NOT REQUIRED WHERE METALCOURSE CONTAINED BY CONCRETE KERBS OR CONCRETE FOUNDATIONS
- ALL EXISTING SEALED PATHS (FOOTPATHS) AND DRIVES TO BE SAWCUT AT LIMIT OF NEW PATHS
- NO CUTDOWN OF KERB ON LOW PROFILE KERBS UNLESS FOR PEDESTRIAN CROSING



TOWNSHIP VEHICLE CROSSING STANDARDS STANDARD NO: RD 2.5



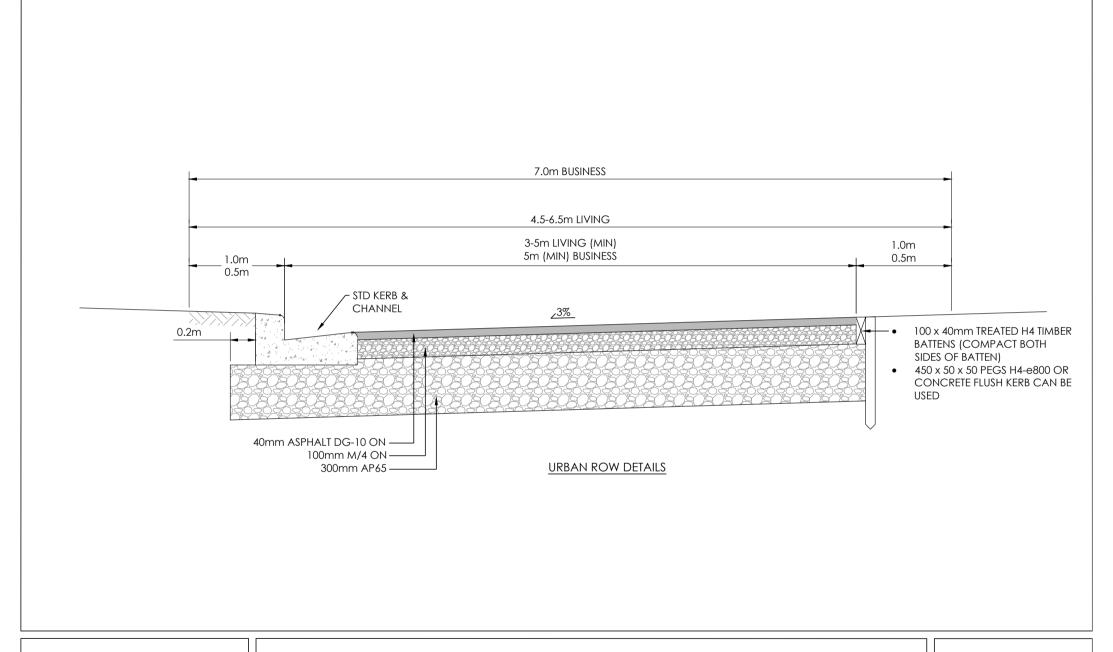
- REFER WR STANDARD DRAWINGS FOR PIPE SIZES, PIPE TYPES & COVER DETAILS
- PRECAST HEADWALLS ARE APPROVED. ALL OTHER OPTIONS MUST HAVE PRIOR APPROVAL BY SDC WATER SERVICES ENGINEER



VEHICLE ENTRANCEWAY WITH CULVERT

STANDARD NO: RD 2.6

DATE: JAN 2023

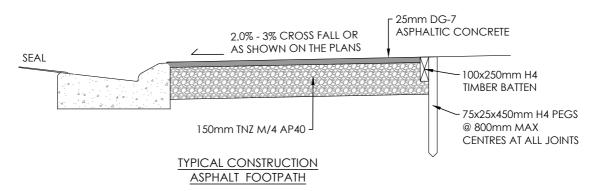




STANDARD DETAIL OF R.O.W SECTION

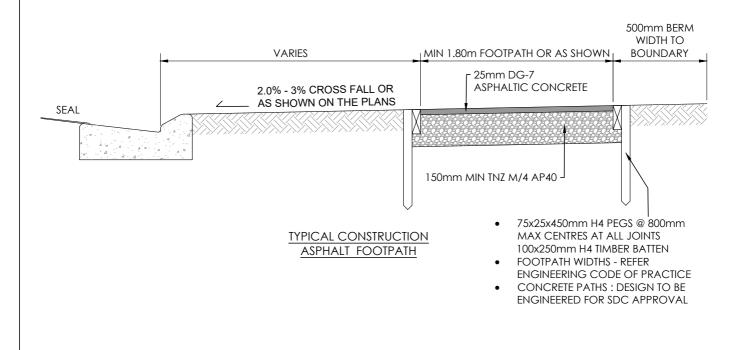
STANDARD NO: RD 3.0

DATE: JAN 2023



- DEPTH OF BASECOURSE IS THE MINIMUM.
- EXTRA DEPTH MAY BE NEED DEPENDING ON THE SUBGRADE TO ACHIEVE THE COMPACTED STRENGTH.
- CROSSFALL TO BE NOMINALLY 2% (MIN 1.25%) OR AS SHOWN ON PLANS.
- BATTENS NOT REQUIRED WHERE METAL COURSE CONTAINED BY CONCRETE KERBS OR CONCRETE FOUNDATIONS
- ALL EXISTING SEALED PATHS (FOOTPATHS) AND DRIVES TO BE SAWCUT AT LIMIT OF NEW PATHS.

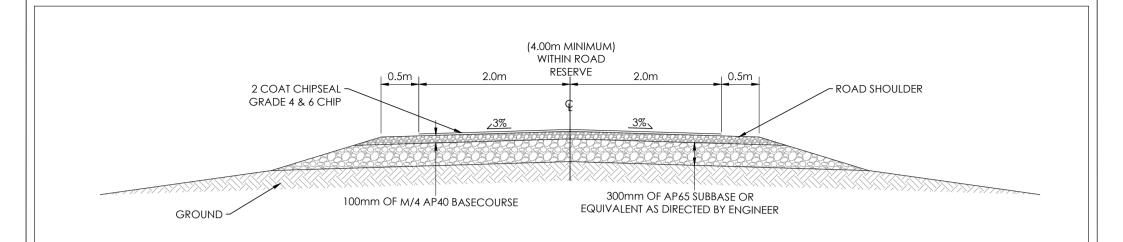
AREAS WHERE THERE IS NO KERBING BATTONS ARE TO BE USED





STANDARD FOOTPATH

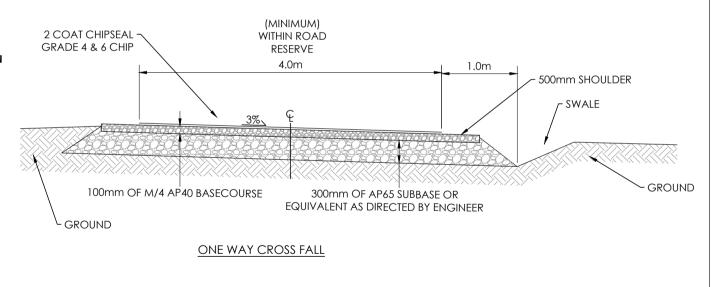
STANDARD NO: RD 3.1



TWO WAY CROSS FALL

NOTES:

- 300mm OF AP65 SUBBASE MAY BE SUFFICIENT DEPENDING ON THE STRENGTH OF THE SUBGRADE MATERIAL. MINIMUM SUBGRADE STRENGTH OF CBR ≥ 10.0 REQUIRED (CLEGG IMPACT VALUE ≥ 25).
- FOR HEAVY DUTY VEHICLE USE CBR ≥ 7.0 (CLEGG IMPACT VALUE ≥35)
- SUBBASE TO BE COMPLETED TO 95% (MINIMUM) OF OPTIMUM DRY DENSITY
- MINIMUM WIDTH OF 4.0m FROM EDGE OF SEAL TO ROAD/PROPERTY BOUNDARY
- MINIMUM WIDTH OF ACCESSORY ON PRIVATE PROPERTY MAY VARY (SEE DISTRICT PLAN).

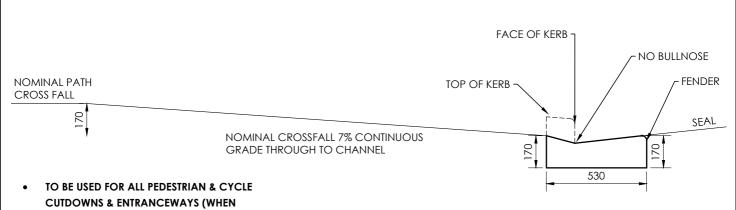




STANDARD RURAL ROW AND DRIVEWAY

STANDARD NO: RD 3.2

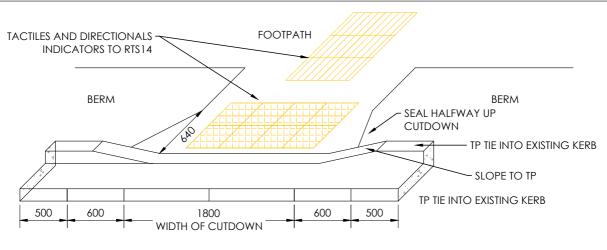
DATE: JAN 2023



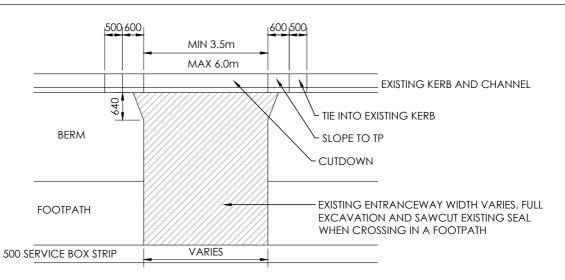
- CUTDOWNS & ENTRANCEWAYS (WHEN REQUIRED)
- MAXIMUM GRADIENT OF PATH TO BE 12.5%
 BATTENS TO BE LAID TO TOP OF CUTDOWN SHOULDER WHEN ADJACENT AREA IS

COBBLESTONE OR LANDSCAPING

KERB AND CHANNEL WITH PEDESTRIAN CUT DOWN



KERB AND CHANNEL WITH CUT DOWN WITH WARNINC TACTILES

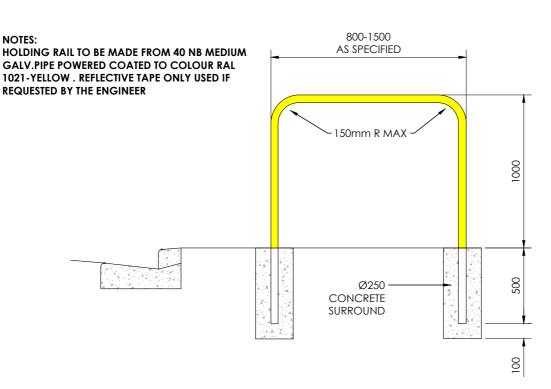


KERB AND CHANNEL WITH CUTDOWN

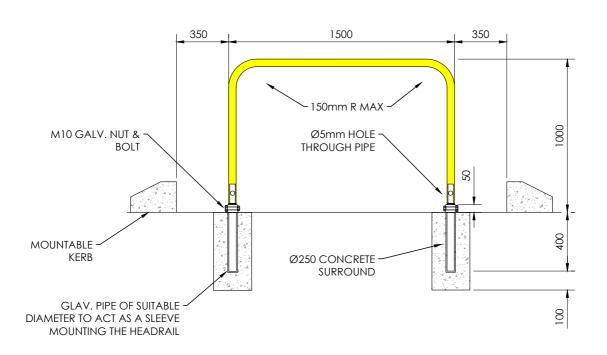


KERB AND CHANNEL WIDTH FOR FOOTPATH & CROSSINGS

STANDARD NO: RD 3.3



CYCLE HOLDING RAIL FOOTPATH DETAIL



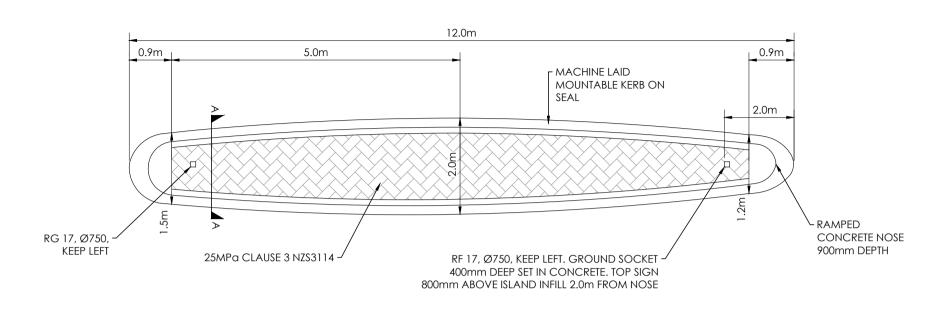
CYCLE HOLDING RAIL MEDIAN ISLAND FRANGIBLE DETAIL

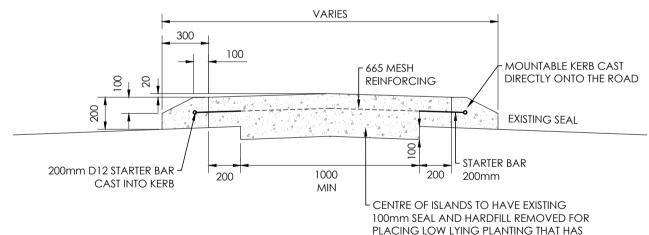


NOTES:

CYCLE HOLDING RAIL

STANDARD NO: RD 3.4





SECTION A-A

NOTES:

- CONCRETE INFILL TO BE MINIMUM 100mm ON COMPACTED AP40
- COLOUR AND TEXTURE TO BE APPROVED BY SELWYN DISTRICT COUNCIL
- COBBLESTONE INFILL MAY BE APPROVED
- REFER TO CCC-SD 635 FOR ISLAND SIZING AND DIMENSIONS



STANDARD ISLAND DETAIL

BEEN APPROVED AND/OR TO KEY IN

CONCRETE

STANDARD NO: RD 3.5

DATE: JAN 2023