

PROPERTY STORMWATER OUTLET **DETAIL - STONE KERB**

AC20 DEEP LIFT ASPHALT PLACED IN 50-75mm LAYERS CONCRETE KERB AND GUTTER AS PER DESIGN. REFER TO COUNCIL
STANDARD DETAIL R1 FOR DETAIL 50mm AC10 WEARING COURSE WITH PRIME AND TACK COAT BENEATH WITH MATCHING CAST-IN-SITU OPENING TO SUIT PROPERTY OUTLET COLOUR SEALANT AT JOINT -ENSURE PROPERTY OUTLET DISCHARGES STORMWATER INTO INVERT OF GUTTER SAWCUT, REMOVE AND REINSTATE PAVEMENT AS DIRECTED BY COUNCIL DELEGATE, MIN 600mm WIDTH DEEPLIFT AND FURTHER 150mm WIDTH ACIO MILL AND RESHEET TO MAKE SMOOTH WITH EXISTING 10mm WIDE 10mm DEEP SILICON FILLER MATCH COLOUR WITH—FOOTPATH MATERIAL FOOTPATH OR VERGE AS PER THE DESIGN AS REQUIRED MIN 150 AS REQUIRED MIN 600 MIN 1% MIN 30 EXISTING ROAD BASE PROPERTY DRAINAGE OUTLET TO SUIT EXISTING -OR 125x75x4 RHS EXISTING ROAD BASECOURSE END OF DRAINAGE PIPE 10MPa MASS CONCRETE BEHIND CONNECTION, MIN 100mm THICK NOTE: REUSE OF EXISTING SUBBASE AND SUBGRADE MATERIAL SUBJECT TO ENGINEERS APPROVAL WHERE SUITABLE - MIN 200mm THICK DGB20 COMPACTED IN 75mm THICK LAYERS (COMPACTION TO BE 98% OF MODIFIED) TO BE CONFIRMED AND APPROVED BY ENGINEER AFTER INSPECTION -COMPACTED SUBGRADE

> PROPERTY STORMWATER OUTLET DETAIL - CONCRETE KERB

DATE DRN DES VER ISSUE SSUE DESCRIPTION

PROPERTY STORMWATER OUTLET DETAIL - ELEVATION NOT TO SCALE

SUPPLY DRAINAGE PIPE TO SUIT

PROPERTY OUTLET. 125x75x4
GALVANISED RHS OR APPROVED

TOP OF KERB

PIPE TO SUIT EXISTING

10mm MASTIC

EXPANSION JOINT

INVERT OF GUTTER

END OF DRAINAGE -PIPE MINIMUM 30mm INTO KERB OPENINGS

N O

ξ

BACK OF KERB-

MIN 500

300 RETWEEN

PROPERTY STORMWATER <u>OUTLET DETAIL - PLAN</u>

NOT TO SCALE

300

RETWEEN

ISSUE ISSUE DESCRIPTION

ANY CONSTRUCTION WITHIN THE PUBLIC DOMAIN REQUIRES COUNCIL APPROVAL, NON-APPROVED WORKS AND STRUCTURES MAY BE REQUIRED TO BE REMOVED AND THE EXISTING REINSTATED AT

> D BY ATION



WC STD DRW RIM No XXXX

NOTES

- SAWCUT, REMOVE AND REINSTATE PAVEMENT AS DIRECTED BY COUNCIL DELEGATE, MIN 600mm WIDTH DEEPLIFT AND FURTHER 150mm WIDTH ACIO MILL AND RESHEET TO MAKE SMOOTH WITH EXISTING

- OPENINGS IN KERB TO SUIT PROPERTY OUTLET. ENSURE PROPERTY OUTLET

DISCHARGES STORMWATER INTO INVERT

SUPPLY DRAINAGE PIPE TO SUIT PROPERTY OUTLET. 125x75x4 GALVANISED RHS OR APPROVED PIPE TO SUIT

- 10mm MASTIC EXPANSION JOINT

OF GUTTER

- THE WORKS SHALL COMPLY WITH THE CURRENT AND RELEVANT AUSTRALIAN STANDARDS AND THISW TECHNICAL DIRECTIONS AND GUIDELINES, UNLESS INSTRUCTED OTHERWISE BY THE COUNCIL DELEGATE.
- COUNCIL DELEGATE.
 DESIGN AND CONSTRUCTION OF WORKS INCLUDING KERBS, GUTTERS, VEHICULAR CROSSINGS,
 KERB RAMPS, STORMWATER INFRASTRUCTURE, AND THE LIKE, ON STATE ROADS TO BE
 APPROVED BY THISW AND TO THE SATISFACTION OF THE COUNCIL DELEGATE.
 ANY WORKS WITHIN THE VICINITY OF AN AUSGRID ASSET TO COMPLY TO RELEVENT AUSGRID
 STANDARDS AND SAFETY PROTOCOLS. FOR EXCAVATION WORKS NEAR AUSGRID POLES, REFER TO THE LATEST REVISION OF AUSGRID STANDARD DRAWING 256262.
- ROAD BASE TO BE EXTENDED BENEATH KERBS, GUTTERS, APRONS AND DISH CROSSINGS. 150mm THICK RECYCLED COMPACTED DGB20 OR 150mm THICK LEAN MIX CONCRETE, COMPACTED TO 98% S.D.D.

- COMPACTED TO 95% S.D.D.

 CONCRETE TO BE OF 32MPa COMPRESSIVE STRENGTH AT 28 DAYS FOR KERBING AND GUTTERING, LAYBACKS, VEHICULAR CROSSINGS AND MISCELLANEOUS KERBING AND EDGE STRIP. ALL EDGES SHALL BE TOOL FINISHED WITH 12mm RADIUS 50mm WIDE EDGING TOOL. CONCRETE FINISH FOR KERBS, GUTTERS, APRONS AND CROSSINGS TO BE STEEL TROWEL. PROPERTY STORMWATER OUTLET TO BE 125x75x4 RHS, OR TO SUIT EXISTING, MAINTAINING GRAVITY TO FALL TO K&G. INVERT OF OUTLET TO BE LEVEL WITH INVERT OF GUTTER AND MIN
- 200mm FROM END OF DRIVEWAY OR KERB RAMP LAYBACK.
- LEVEL AT BUILDING ALIGNMENT IS TO COMPLY WITH LEVELS ISSUED IN THE DEVELOPMENT CONSENT, UNLESS OTHERWISE STATED BY THE COUNCIL DELEGATE.

 LEVELS FOR REINSTATEMENT WORKS TO MATCH EXISTING, UNLESS INSTRUCTED OTHERWISE BY
- THE COUNCIL DELEGATE.

 THE CONCRETE IS TO USE TYPE A PORTLAND CEMENT AND IS NOT TO BE ARTIFICIALLY COLOURED, STENCILLED, STAMPED OR PATTERNED.
- COLOURED, STROKLLED, STAMPED OR PATTERNED.
 ALL REINFORCEMENT TO BE HOT DIP GALVANISED TO AS4671 WITH MINIMUM 50 COVER.
 RE-SHEET MINIMUM 600mm WIDTH OF DEEP LIFT PAVEMENT AND A FURTHER 150mm WIDTH
 OF AC10 WEARING COARSE ADJACENT NEW KERB, GUTTER, DISH CROSSINGS OR LAYBACKS.
 REFER TO STANDARD DETAIL R6 FOR FURTHER DETAIL.
 REFER TO COUNCIL STANDARD DRAWING R5 FOR CONCRETE ROAD PAVEMENT DETAILS.
 EXCAVATION ON PAVEMENTS SHALL BE FROM EXISTING JOINTS WHERE AVAILABLE OR OTHERWISE
 SHALL BE SAWN ALONG ALL EDGES.
- CONTRACTOR TO OBTAIN & LOCATE ALL SERVICES PRIOR TO WORKS COMMENCING. UTILITY SERVICE COVERS ARE TO BE ADJUSTED TO SUIT DESIGN FINISHED SURFACE LEVELS. UTILITY COVERS TO BE CLASS D OR EQUIVALENT, OR AS SPECIFIED BY UTILITY ASSET OWNER.
- COUNCIL'S DELEGATE TO INSPECT FOR ALL UNSOUND AREAS BEFORE PROFILING AC PAYEMENT AND AFTER PROOF ROLLING. WEAK SECTIONS ARE TO BE IDENTIFIED AND HEAVY—PATCHED TO A NOMINAL THICKNESS OF 150mm WITH AC28 BEFORE RESEALING IN ACCORDANCE TO TYPICAL CROSS-SECTION.
- CROSS-SECTION.
 UNLESS SPECIFIED, OVERLAY TO CONSIST OF 50mm THICK AC10.
 UNLESS SPECIFIED, CRACK SEALANT TO BE BITULASTIC BITUFLEX OR APPROVED EQUIVALENT.
 MATCH NEW PAYMENT NEATLY AND FLUSH WITH EXISTING.
 INSPECTIONS ARE REQUIRED AT THE FOLLOWING STAGES AND AS OTHERWISE DIRECTED BY THE
 COUNCIL DELEGATE. DO NOT CONTINUE UNTIL APPROVAL RECEIVED FROM COUNCIL DELEGATE.
- ROAD PAVEMENT
- A) SUBGRADE TRIMMED AND CONSOLIDATED PRIOR TO FIRST PAYEMENT COURSE. (NOTE: SINGLE AXLE TRUCK WITH 81 LOAD TO BE AVAILABLE FOR PAYEMENT TEST). B) EACH PAVEMENT LAYER SPREAD AND COMPACTED. (NOTE: SINGLE AXLE TRUCK WITH 81 LOAD TO BE AVAILABLE FOR PAVEMENT TEST).
- C) PAVEMENT COMPLETED PRIOR TO SEALING.

CONCRETE WORKS

- A) SUBGRADE TRIMMED AND CONSOLIDATED.

 B) EXCAVATION COMPLETED, FORMWORK AND REINFORCEMENT SET.
- C) CONCRETE FORMED AND CURED.
 CONTRACTOR TO SUPPLY AND LAY TURF TO AREA AFFECTED BY PROPOSED WORKS OR AS DIRECTED BY THE COUNCIL DELEGATE.
 - THE SPECIES OF TURF TO BE "SOFT LEAF SHADEMASTER BUFFALO" UNLESS DIRECTED OTHERWISE

 - THE TURF SHOULD BE PLACED ON A MINIMUM 100mm DEEP LAYER OF IMPORTED TURF UNDERLAY TOPSOIL
- UNDERLAY TOPSOIL

 SUBSOIL SHOULD BE CULTIVATED TO A MINIMUM DEPTH OF 100mm

 IRRIGATE THE TURE TWICE A WEEK FOR 12 WEEKS
 FOR TURFING NOTES REFER TO WAVERLEY COUNCIL STANDARD DRAWING R18.
 ANY DISRUPTION TO EXISTING NATURE STRIPS OR PLANTED BEDS WITHIN COUNCIL LAND TO BE
 REINSTATED AS PER EXISTING. SEEK APPROVAL FROM COUNCIL DELEGATE FOR CHANGES TO
 PLANT SPECIES. EDGING OR PAVING TO NATURE STRIPS REQUIRES APPROVAL FROM THE
 COUNCIL DELEGATE

		SURVEYED
	YOU DIG www.byda.com.au	N/A
		DATE:
		N/A
		COORDINA
		N/A
		DATUM:

ONG-SECTION VERT: - CROSS-SECTION VERT:

SUIT PROPERTY OUTLET

10mm MASTIC

KERB STORMWATER OUTLET

R7

COUNCIL DELEGATE. 25. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN CIVIL DESIGN, MAJOR PROJECTS STANDARD DRAWING - ROADS - R7 B NOTES UPDATED - WORKING NEAR AUSGRID ASSETS 17/06/25 AM AM NZ