

TYPICAL STREAM CULVERT

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Scale 1:20

200mm x 50mm H5 RS @ 300mm CRS
BOLTED TO SUBSTRUCTURE WITH
2No 6mm COACH BOLTS

100mm x 50mm H5 JOISTS WITH 50mm
x 50mm x 400mm LONG PEGS

BASE AND SIDES ARMOURED WITH 200 / 100 RIP RAP

EXISTING GROUND

# NOTES

## GENERAL

■ 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 ENGINEER.

## TIMBER TREATMENT

- SAWN TIMBER IN CONTACT WITH THE GROUND TO BE H5.
- TREATMENT SHALL COMPLY WITH THE CURRENT REQUIREMENTS OF THE TIMBER PRESERVATION COUNCIL.
- ALL TIMBER SHALL BE BRANDED WITH THE APPROPRIATE WOODMARK.
- IT IS PREFERRED THAT TIMBERS BE TREATED AT LEAST 2 MONTHS PRIOR TO USE.

### **FIXINGS**

- GENERAL STRUCTURAL USE 125mm x 4mm FH NAILS.
- ALL NAILS AND BOLTS SHALL BE HOT DIPPED GALVANISED.
- ALL STEELWORK INCLUDING
  FIXINGS TO BE 316 STAINLESS STEEL
  WITHIN A COASTAL ENVIRONMENT.
  FIXINGS TO USE NON FERROUS
  WASHERS (E.G. NYLON) TO PREVENT
  ELECTROLYSIS.

## TYPICAL USES

■ PATHS CROSSING NATURAL DRAINAGE CHANNELS

Auckland Council

SECTION Scale 1:20

> AUCKLAND PARKLAND DESIGN GUIDELINES BUILT ELEMENT DETAILS

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	STO_05			1
SHEET	SHEET 1 OF 1	SCALE	AS SHOWN @ A4	
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