

NOT TO SCALE

CAST IRON CAR TKKKKA-A-KKKKKKKK

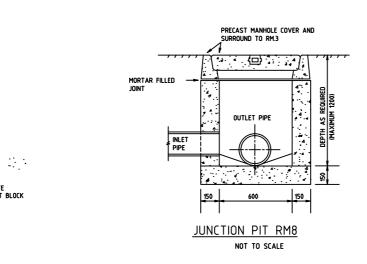
TYPICAL SLOTTED PIPE

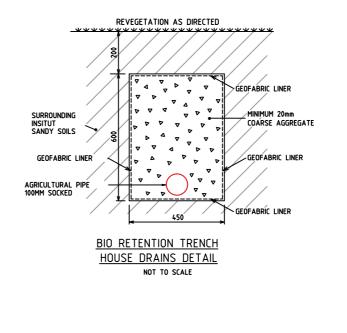
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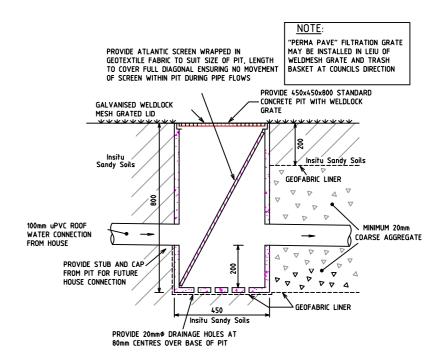
& FLUSHING POINT

- I. PITS CONSTRUCTED IN CRESTS TO BE USED FOR FLUSHING 100mm SOCKED AGRICULTURAL PIPE, 100mm AGRICULTURAL PIPE TO BE CLEARLY ACCESSIBLE.
- OUTLET OF BIO RETENTION SURFACE PITS TO BE ABLE TO
  2. TAKE 100mm SOCKED AGRICULTURAL PIPE OUTLET OR 375mm RCRRJ CONCRETE PIPE.
- DRAINAGE INSTALLATION AS DIRECTED AND SPECIFICATION TO BE WITH 'STORMWATER MANAGEMENT AT THE PROPOSED STOCKTON BEACH DEVELOPMENT STAGE 2' BY URBAN WATER

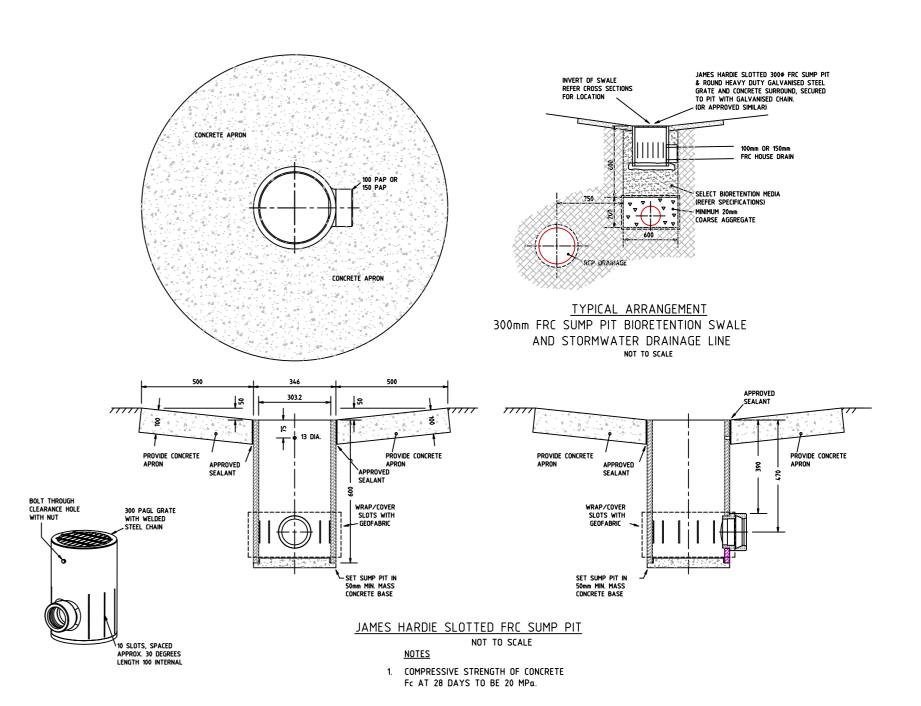








HOUSE DRAINAGE PIT DETAIL NOT TO SCALE



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DRAWING TITLE DATUM SCALE AHD TYPICAL DRAINAGE TREATMENTS DETAIL 2 REV-E 1: 1000 DEVELOPMENT PROJECT PLAN REVISION DATE CONTOURS 15/12/2011 Χm FERN BAY SEASIDE VILLAGE PLOT DATE DRAWN/CHKD BY NELSON BAY ROAD, FERN BAY IMc / AED 17/01/2012 DA NUMBER CC NUMBER CLIENT ASPEN GROUP LIMITED

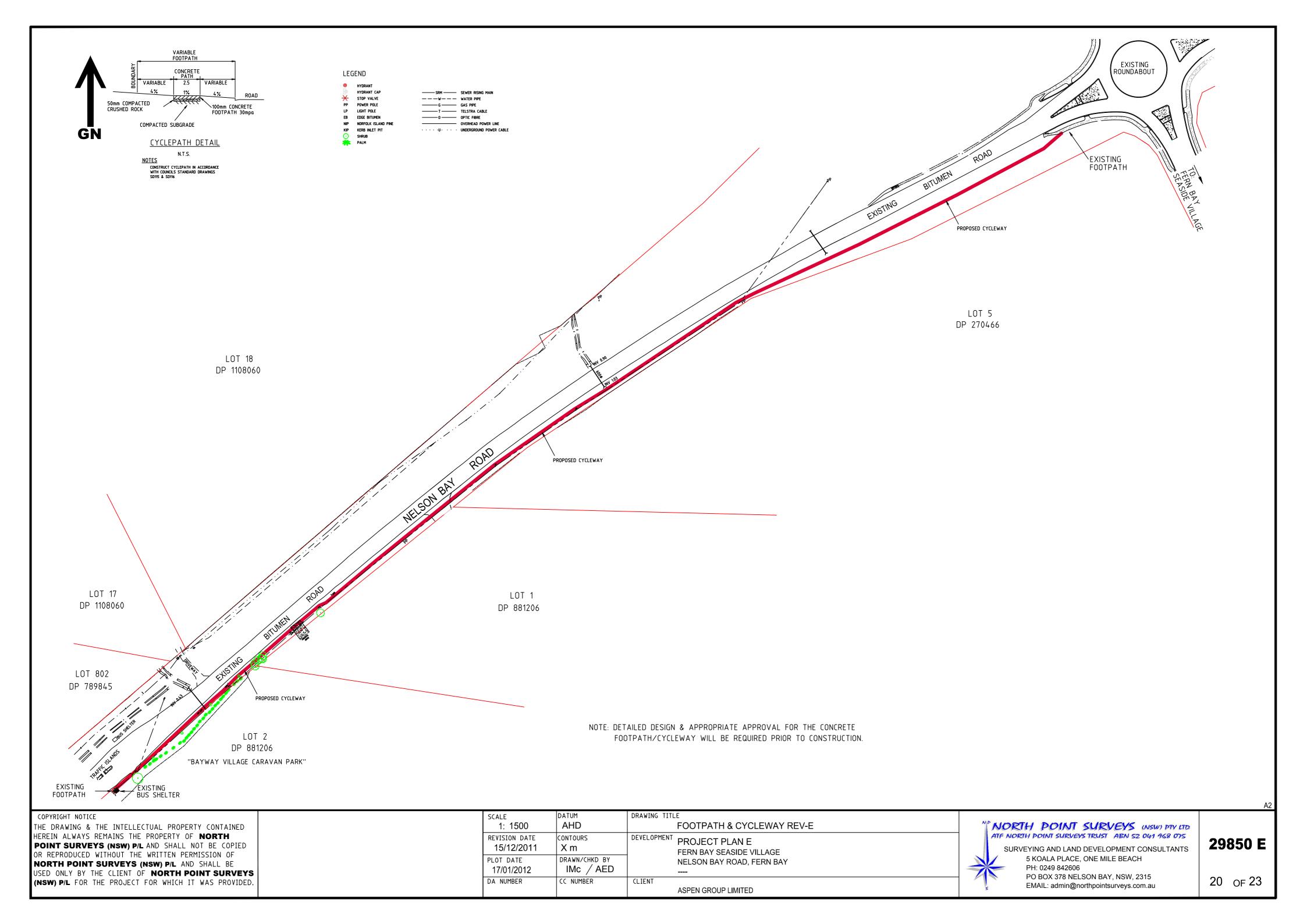
NORTH POINT SURVEYS (NSW) PTY LTD ATF NORTH POINT SURVEYS TRUST ABN 52 041 968 075

SURVEYING AND LAND DEVELOPMENT CONSULTANTS 5 KOALA PLACE, ONE MILE BEACH PH: 0249 842606 PO BOX 378 NELSON BAY, NSW, 2315

EMAIL: admin@northpointsurveys.com.au

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19 OF 23



## SUBGRADE NOTES

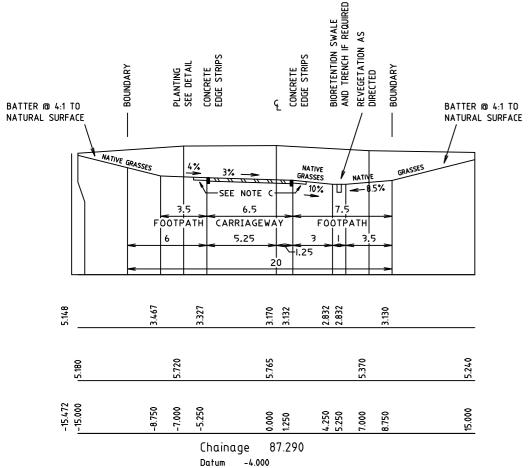
- REFER TO GEOTECHNICAL REPORT FOR PAVEMENT DETAILS AND GEOTECHNICAL
- SUBGRADE TO BE OF CLEAN SAND TO DEPTH OF 500mm. WHERE EXISTING MATERIAL IS CONSIDERED UNSUITABLE, REFER TO SUBGRADE PREPARATION ADVICE IN GEOTECHNICAL REPORT.
- IF WET CLAY MATERIAL IS ENCOUNTERED IN SUBGRADE THEN SUBGRADE
- SUITABILITY IS TO BE ASSESSED BY CONSULTANT GEOTECHNICAL ENGINEERS.

   IN AREAS OF GRADE OF GREATER THAN 10%, CONSULTANT GEOTECHNICAL ENGINEER IS TO ASSESS SUITABILITY OF MATERIAL AND VERIFY SUBBASE THICKNESS.

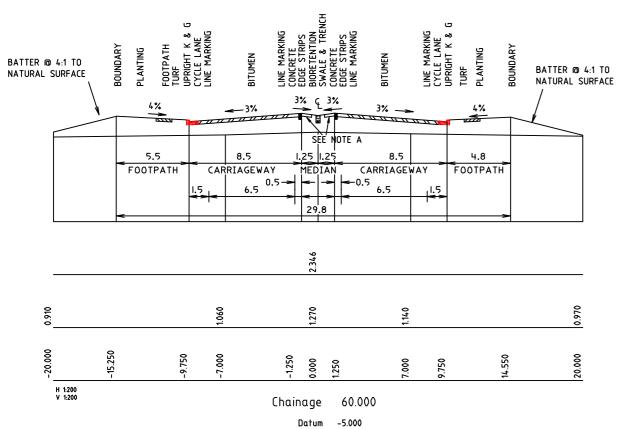
## PAVEMENT DETAILS

ROAD No.1
-PRIME 7mm COAT & 25mm AC RESIDENTIAL MIX
-100mm COMPACTED BASECOURSE
-200mm COMPACTED SUBBASE
-COMPACTED SAND SUBGRADE

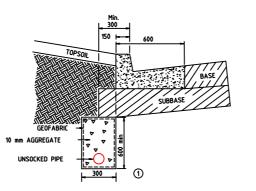
PROVIDE 1.0m WIDE
100mm THICK CRUSHER
DUST LAYER, AT 60mm
BELOW FSL, COVER WITH
TOPSOIL & TURF OR
LANDSCAPE AS DIRECTED

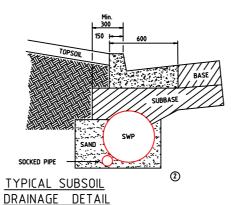


TYPICAL CROSS SECTION - SINGLE CARRIAGEWAY



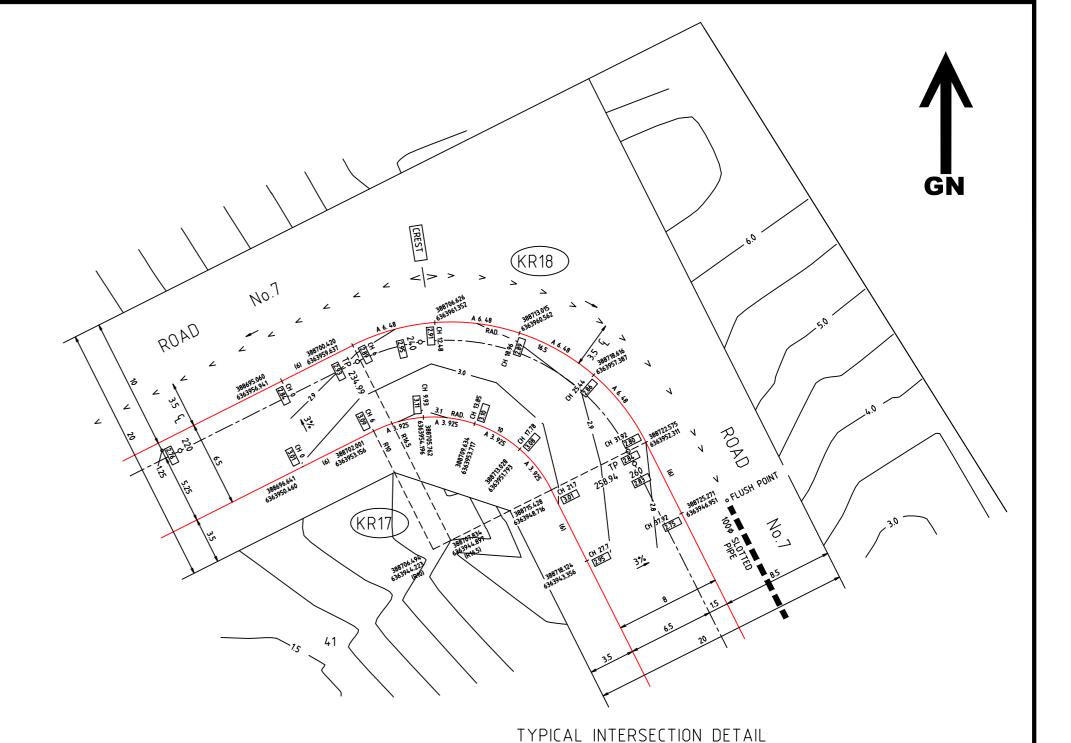
TYPICAL CROSS SECTION - DUAL CARRIAGEWAY

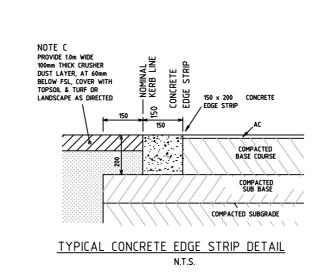


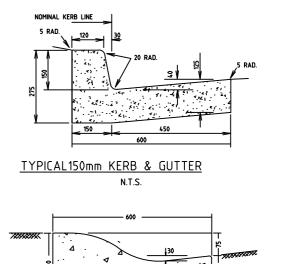


NOTE: -GEOFABRIC IN ALL SUBSOIL DRAINS TO BE PLACED ON TOP AND BOTH SIDES AS DETAILED.

-SUBSOIL DRAINS TO BE CONSTRUCTED IN ACCORDANCE WITH PORT STEPHENS COUNCIL'S STANDARD DRAWING D4, SEE PORT STEPHENS COUNCIL'S SUBDIVISION CODE - PART 2.







TYPICAL ROLL KERB & GUTTER

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	SCALE 1: 1000	DATUM AHD	DRAWING TITLE  TYPICAL ROAD DETAIL REV-E	
	REVISION DATE 15/12/2011	CONTOURS X m	DEVELOPMENT PROJECT PLAN FERN BAY SEASIDE VILLAGE	
	PLOT DATE 17/01/2012	DRAWN/CHKD BY IMC / AED	NELSON BAY ROAD, FERN BAY	
	DA NUMBER	CC NUMBER	CLIENT ASPEN GROUP LIMITED	1

ATE NORTH POINT SURVEYS (NSW) PTY LTD.

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DATUM DRAWING TITLE COPYRIGHT NOTICE SCALE ATF NORTH POINT SURVEYS (NSW) PTY LTD.

ATF NORTH POINT SURVEYS TRUST ABN 52 041 968 075 AHD **AERIAL VIEW REV-E** THE DRAWING & THE INTELLECTUAL PROPERTY CONTAINED 1: 5000 HEREIN ALWAYS REMAINS THE PROPERTY OF NORTH DEVELOPMENT PROJECT PLAN E REVISION DATE CONTOURS

FERN BAY SEASIDE VILLAGE

ASPEN GROUP LIMITED

NELSON BAY ROAD, FERN BAY

13/01/2012

PLOT DATE

DA NUMBER

17/01/2012

X m

DRAWN/CHKD BY

CC NUMBER

IMc / AED

CLIENT

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