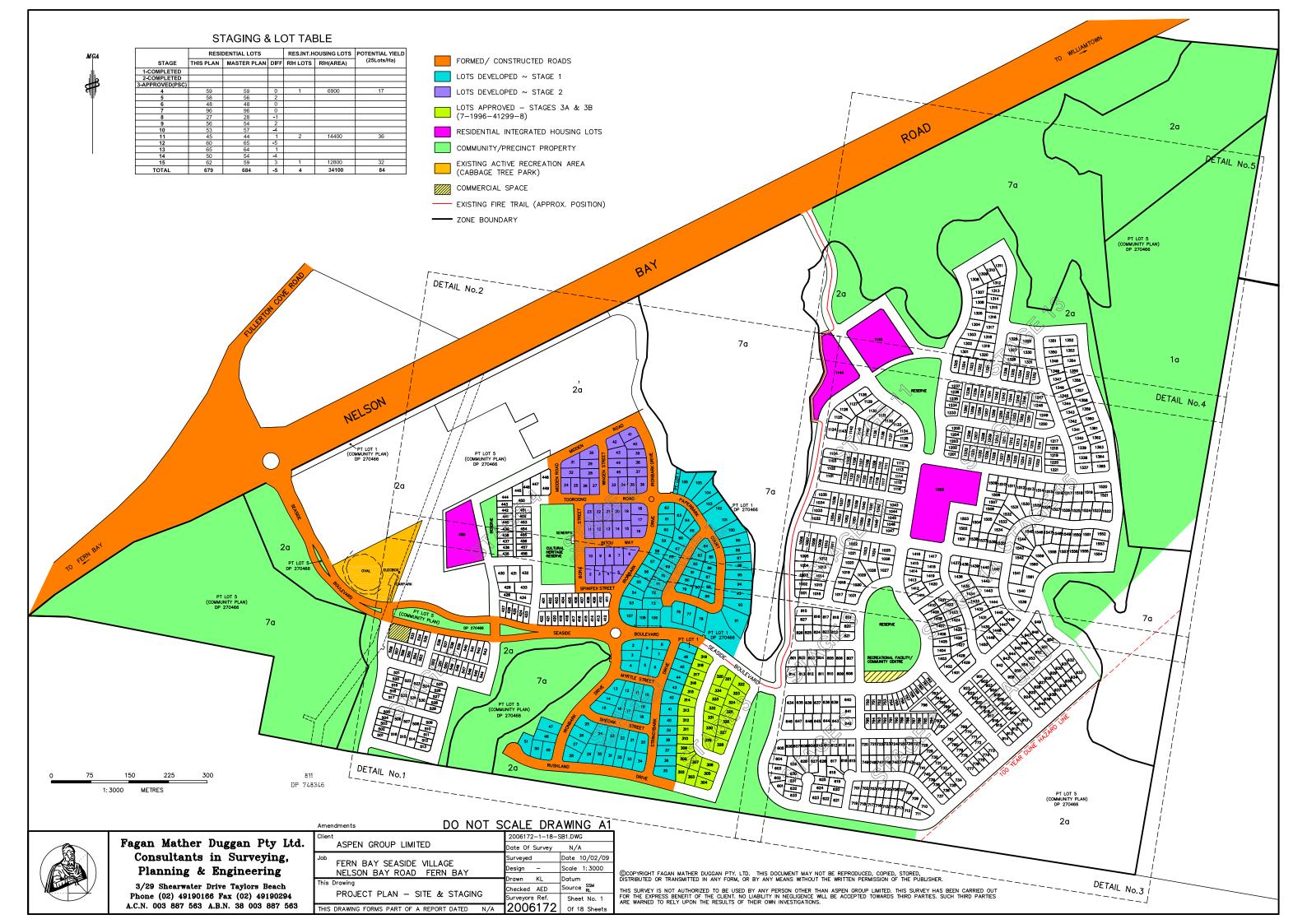
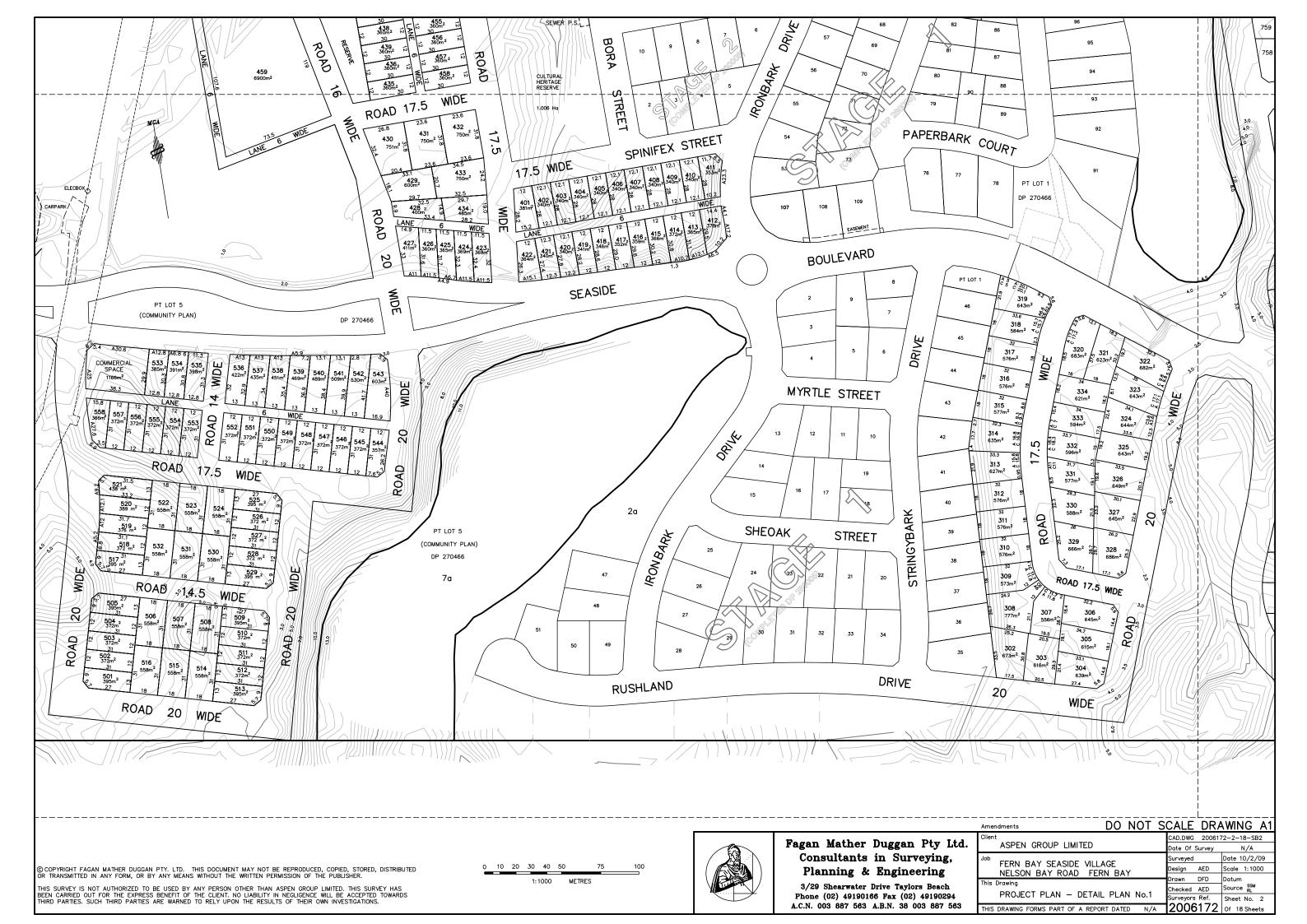
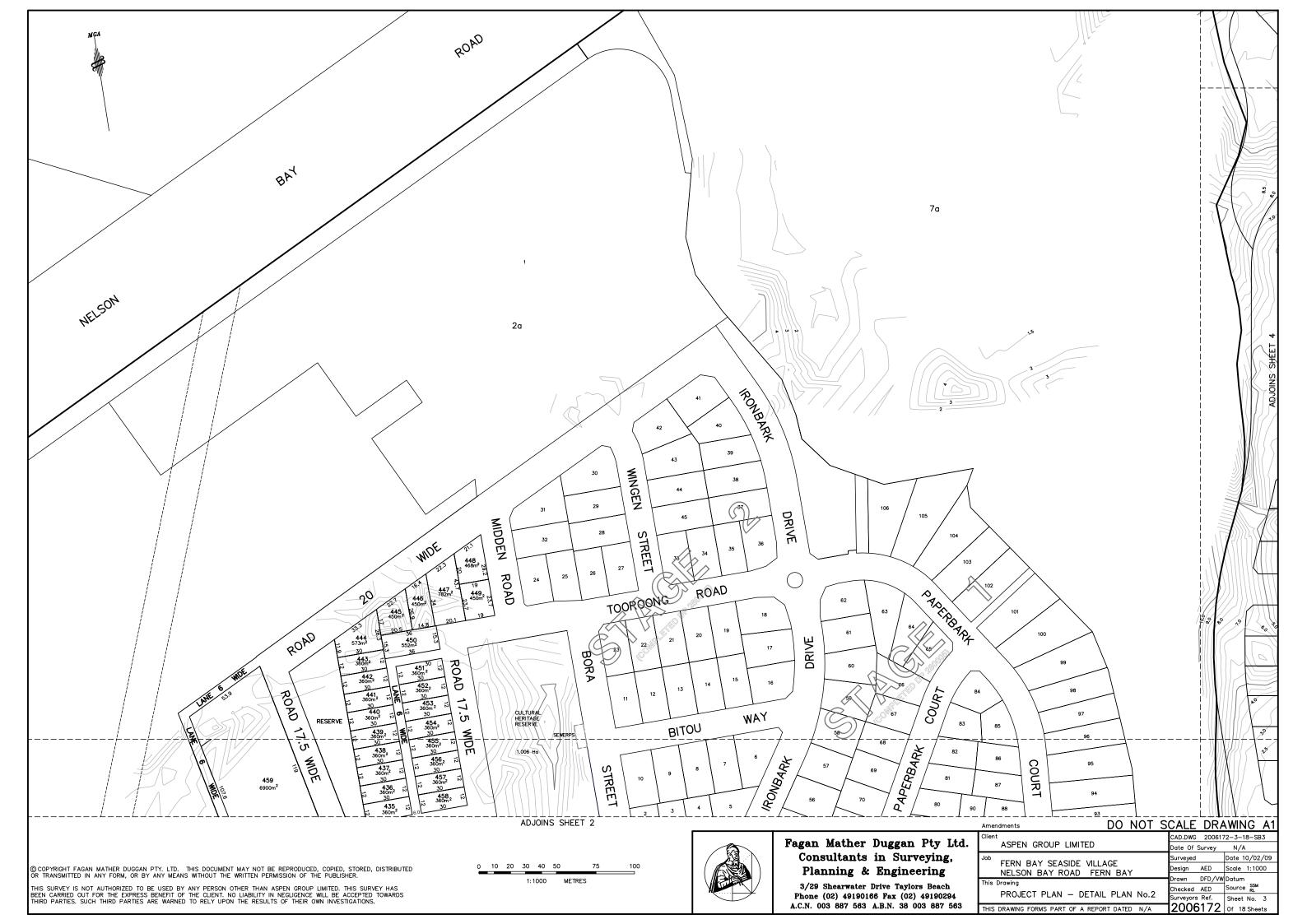
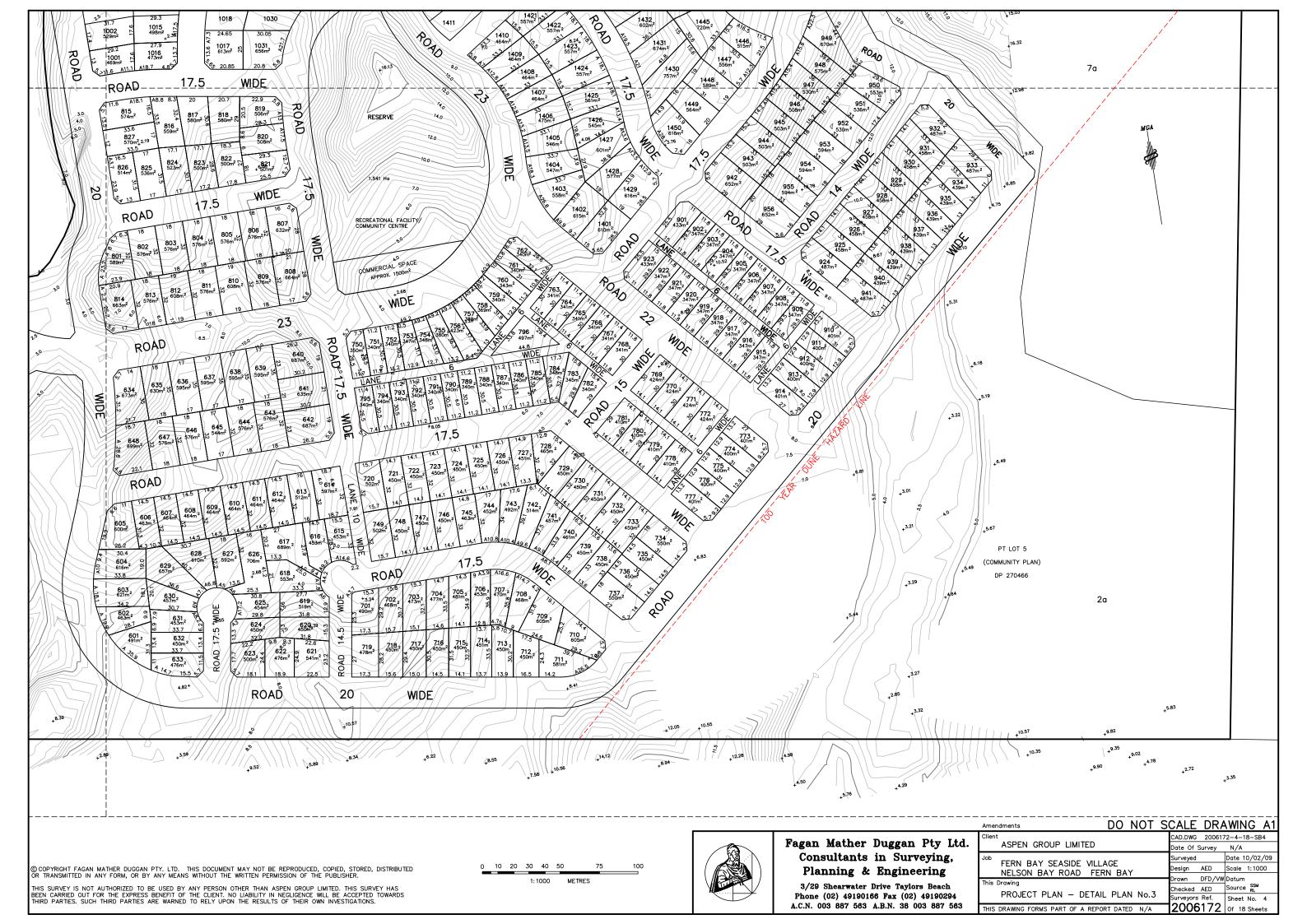


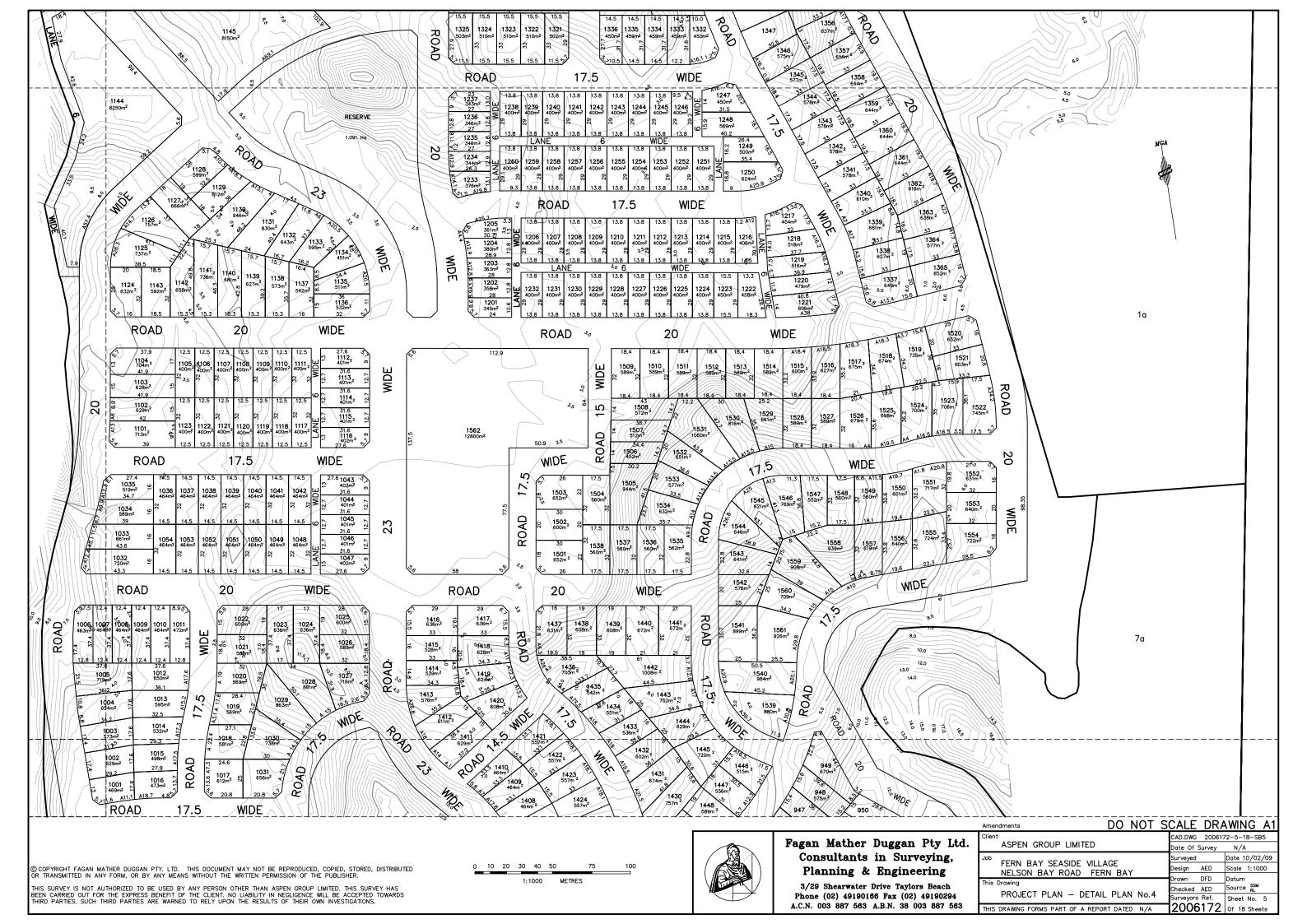
Subdivision Plans

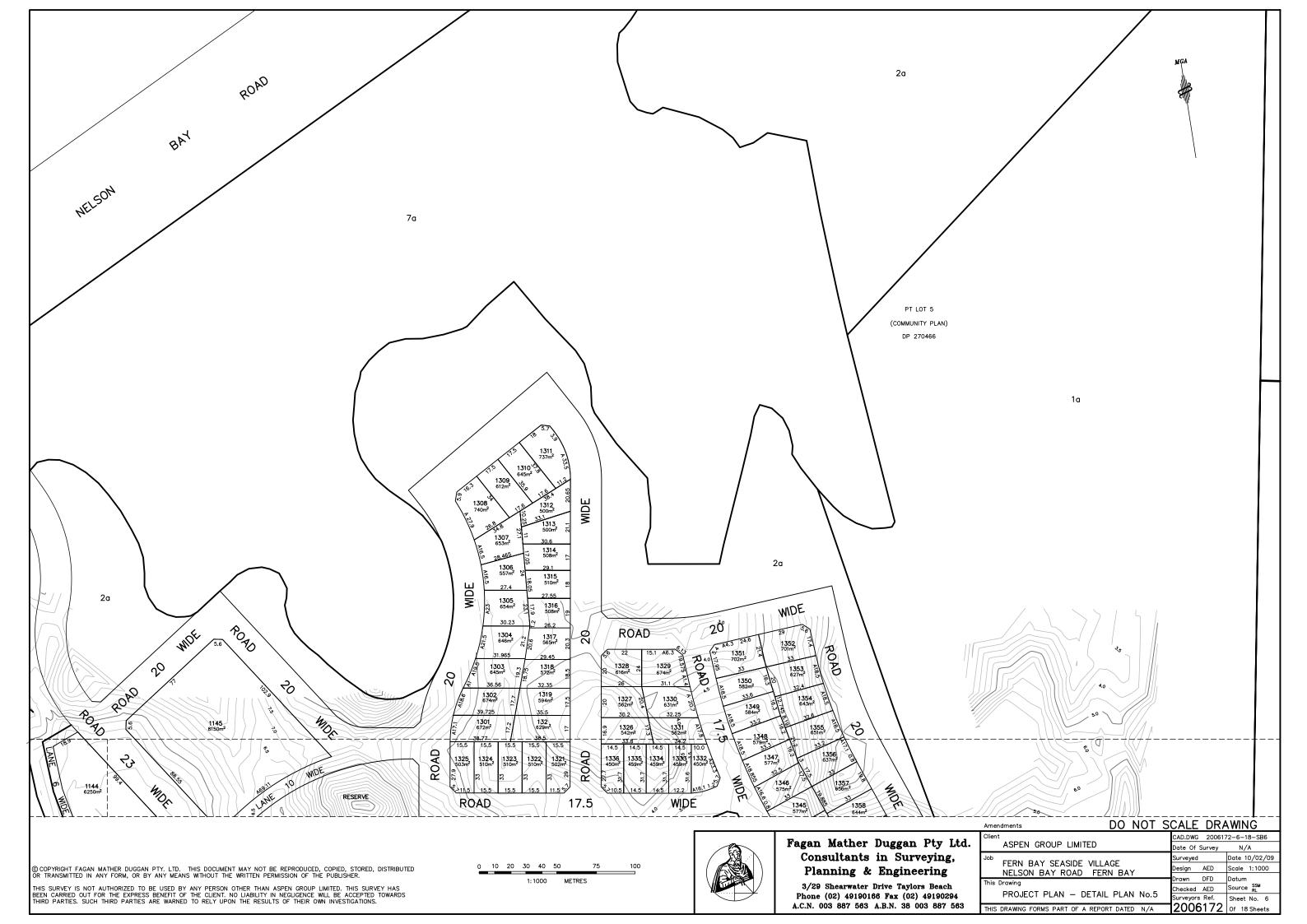


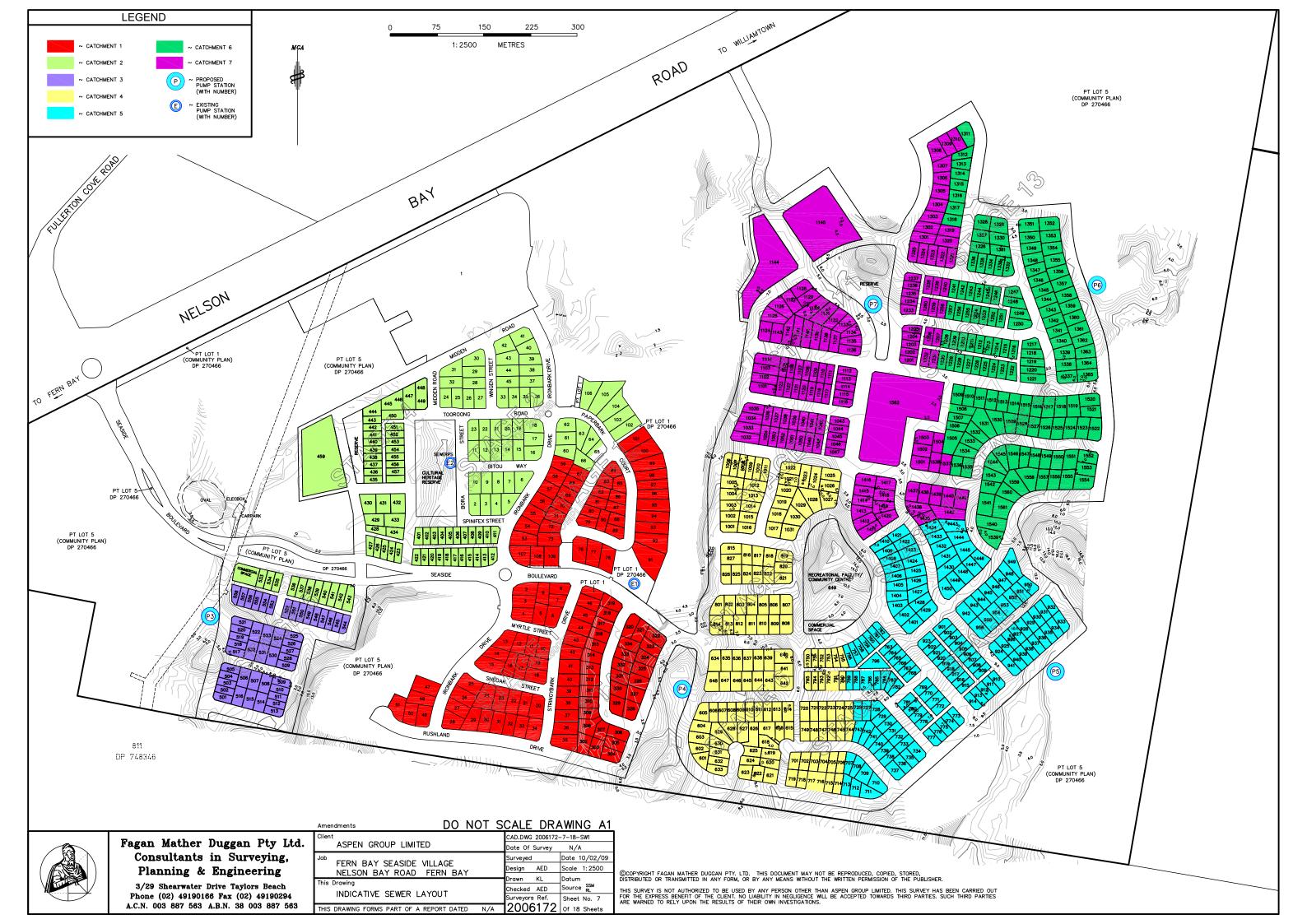


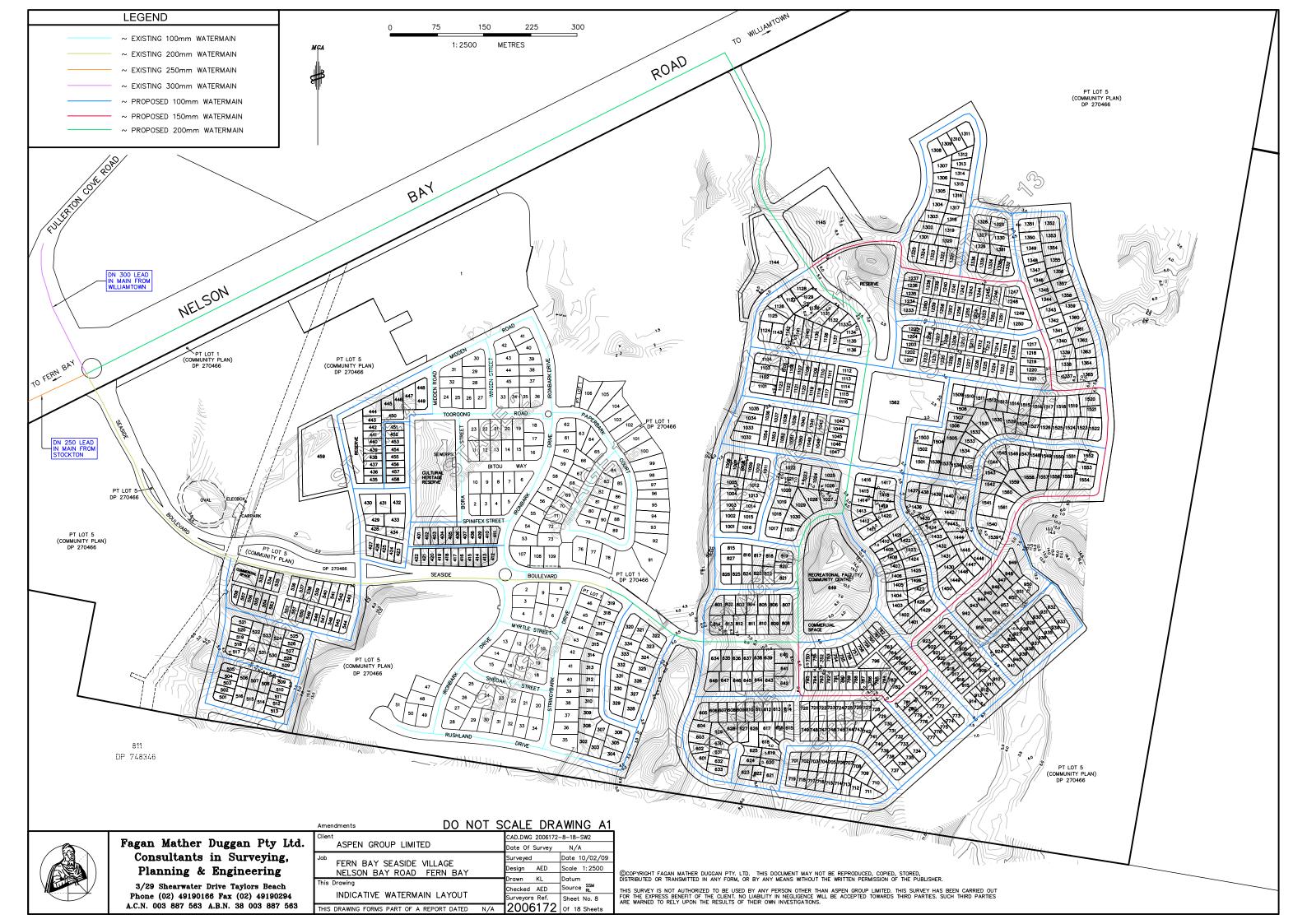


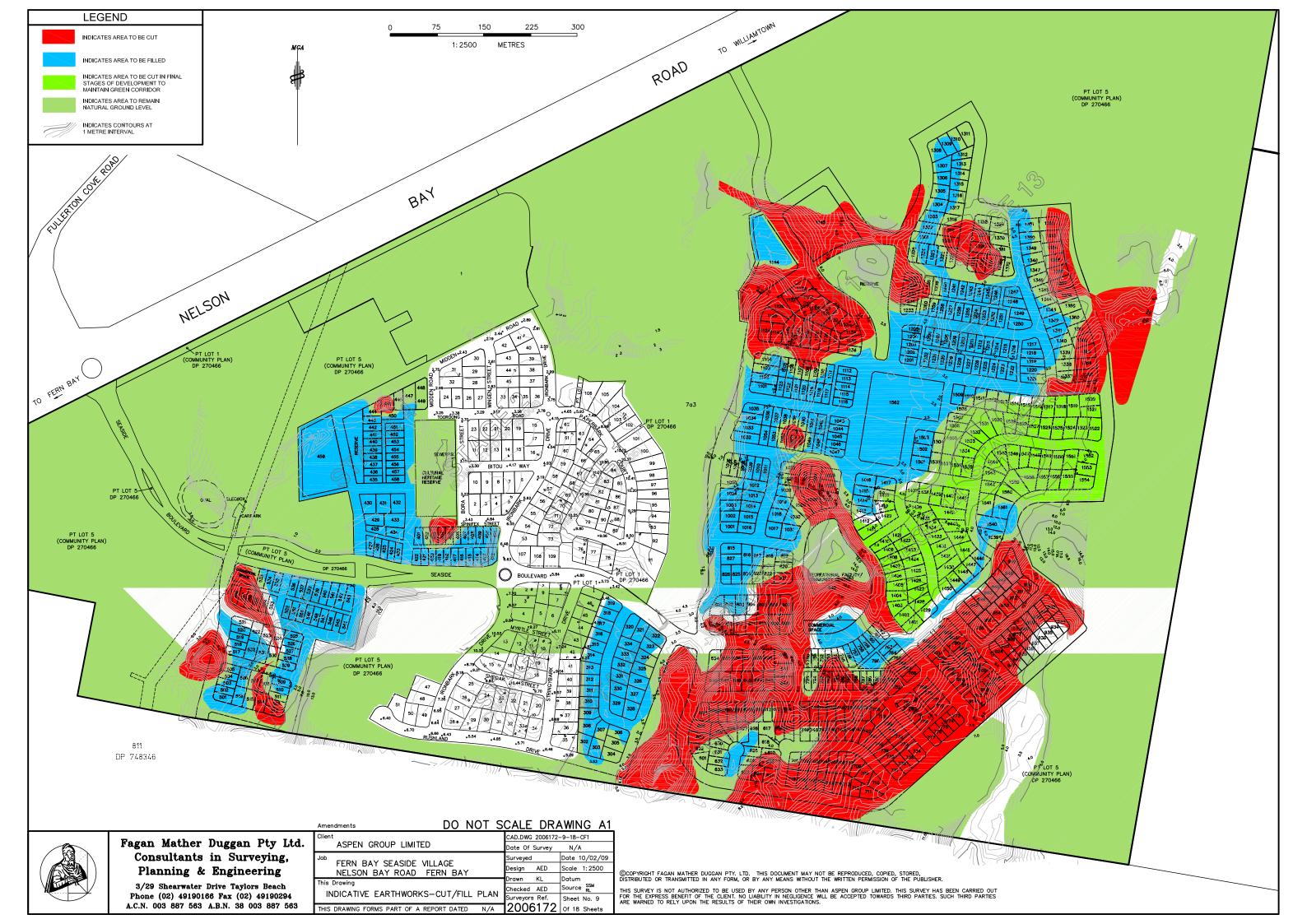


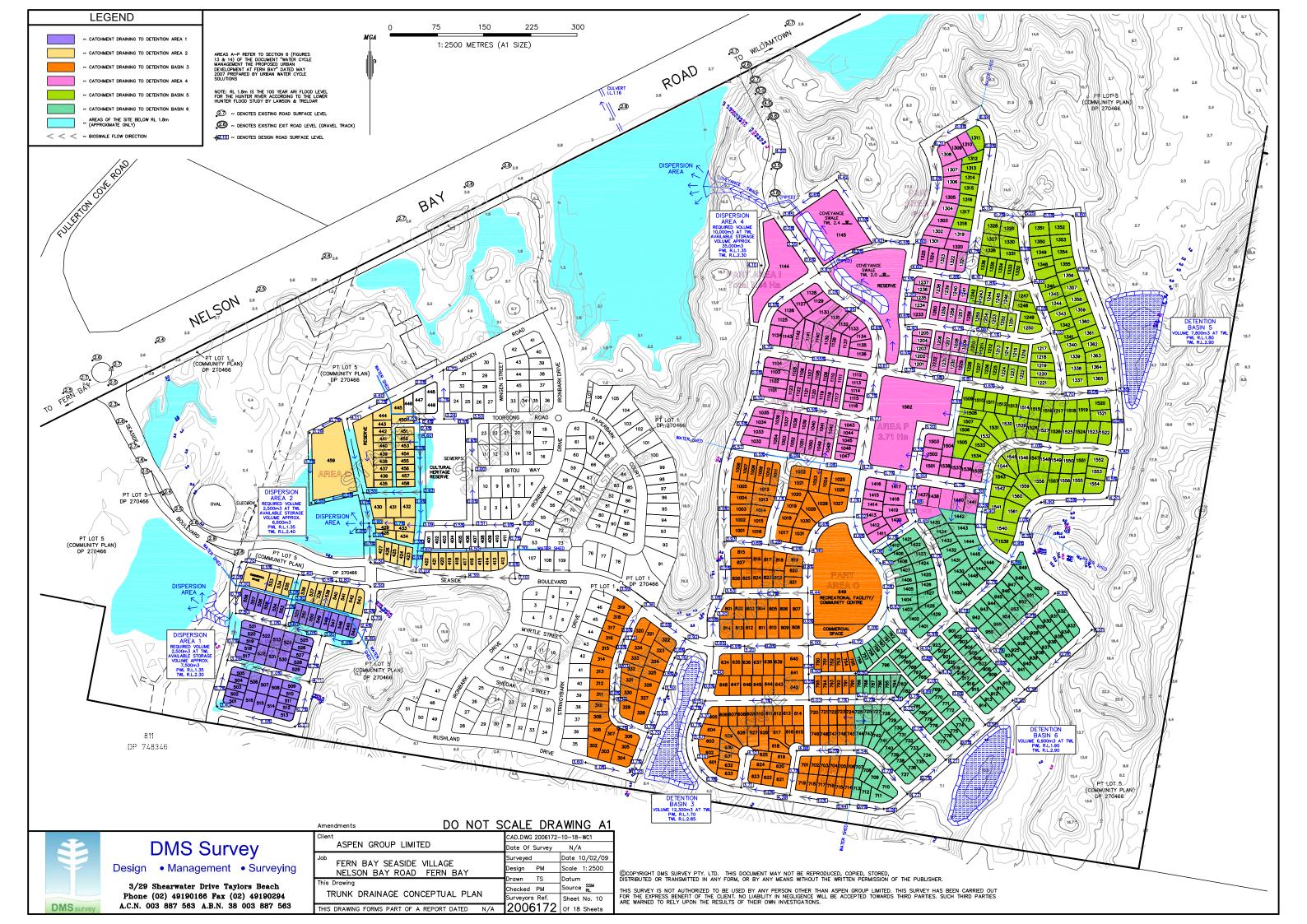




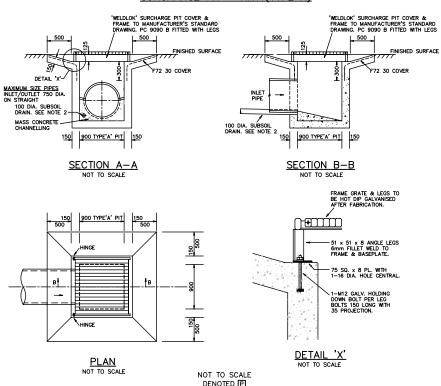






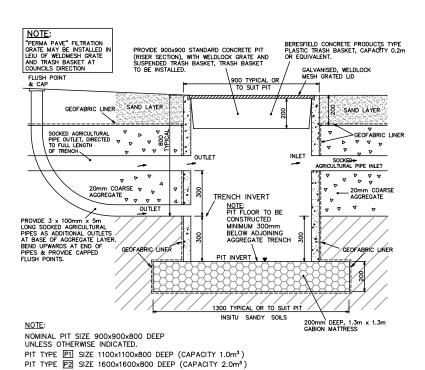


### SURCHARGE PIT - RM11(TYPE A)



### NOTES

- COMPRESSIVE STRENGTH OF CONCRETE Fc AT 28 DAYS TO BE 20 MPa.
- 2. 100 DIA. SUBSOIL DRAINAGE 3000 LONG WRAPPED IN FABRIC COSK TO BE PROVIDED IN PIPE TRENCHES ADJACENT TO INLET
- PROVIDE CLIMB IRONS TO R.M.3 WHERE PIT IS DEEPER THAN 1200.

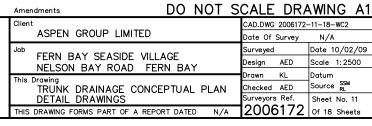


# **BIO RETENTION SURFACE INLET PIT**

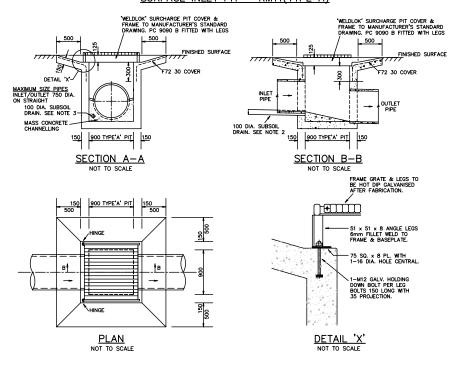
NOT TO SCALE

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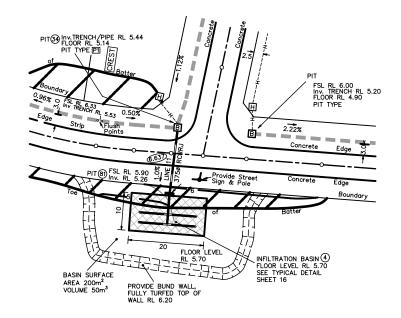
### SURFACE INLET PIT - RM11(TYPE A)



# NOT TO SCALE

### NOTES

- COMPRESSIVE STRENGTH OF CONCRETE
   Fc AT 28 DAYS TO BE 20 MPa.
- TOP OF BENCHING TO BE 1/2 OF OUTLET PIPE DIAMETER.
- 100 DIA. SUBSOIL DRAINAGE 3000 LONG WRAPPED IN FABRIC COSK TO BE PROVIDED IN PIPE TRENCHES ADJACENT TO INLET PIPES.
- PROVIDE CLIMB IRONS TO R.M.3 WHERE PIT IS DEEPER THAN 1200.

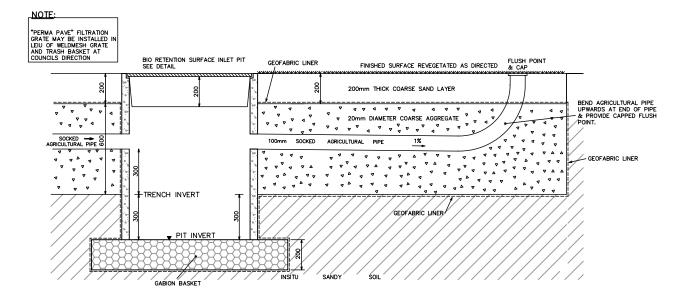


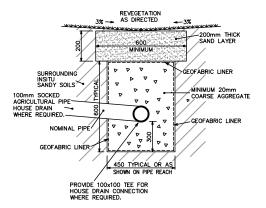
### TYPICAL INFILTRATION BASIN

NOT TO SCALE

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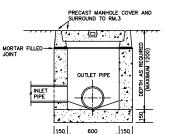




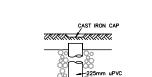
- PITS CONSTRUCTED IN CRESTS TO BE USED FOR FLUSHING 100mm SOCKED AGRICULTURAL PIPE, 100mm AGRICULTURAL PIPE TO BE CLEARLY ACCESSION.
- 2. OUTLET OF BIO RETENTION SURFACE PITS TO BE ABLE TO TAKE 100mm SOCKED AGRICULTURAL PIPE OUTLET OR 375mm RCRRJ CONCRETE PIPE.
- 3 DRAINAGE INSTALLATION AS DIRECTED AND DRAINAGE INSTALLATION AS DIRECTED AND SPECIFICATION TO BE WITH 'STORMWATER MANAGEMENT AT THE PROPOSED STOCKTON BEACH DEVELOPMENT STAGE 2' BY URBAN WATER CYCLE SOLUTIONS, JANUARY, 2005.

### **BIO RETENTION SWALE AND TRENCH**

NOT TO SCALE



JUNCTION PIT RM8 NOT TO SCALE



225mm uPVC TYPICAL SLOTTED PIPE & FLUSHING POINT

N.T.S.

Amendments	DO NOT	<u>S</u> (	CALE	DRA	AWING A1
Client			CAD.DWG 2006172-12-18-WC3		
ASPEN GROUP LIMITED			Date Of S	Survey	N/A
Job FEDN DAY CEACIDE VIII	RN BAY SEASIDE VILLAGE		Surveyed		Date 10/02/09
			Design	AED	Scale 1: 2500
This Drawing		$\dashv$	Drawn	KL	Datum
TRUNK DRAINAGE CONCEPTUAL PLAN DETAIL DRAWINGS			Checked	AED	Source SSM RL
		Surveyors		Sheet No. 12	
THIS DRAWING FORMS PART OF A REPO	RT DATED N/	Α	2006	172	Of 18 Sheets

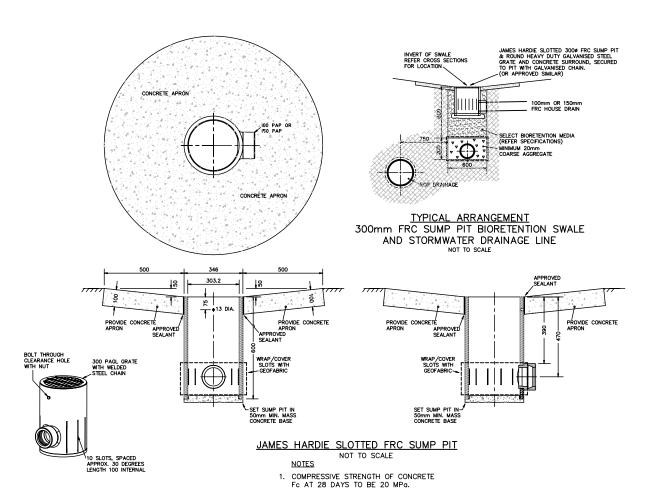
"PERMA PAVE" FILTRATION GRATE MAY BE INSTALLED LEIU OF WELDMESH GRATE AND TRASH BASKET AT COUNCILS DIRECTION PROVIDE 450x450x800
- STANDARD CONCRETE PIT
WITH WELDLOCK GRATE Insitu Sandy Soils

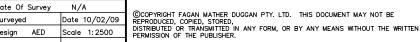
GEOFABRIC LINER GEOFABRIC LINER GEOFABRIC LINER 100mm uPVC ROOF WATER CONNECTION BIO RETENTION TRENCH HOUSE DRAINS DETAIL NOT TO SCALE HOUSE DRAINAGE PIT DETAIL

REVEGETATION AS DIRECTED

NOT TO SCALE

NOTE:



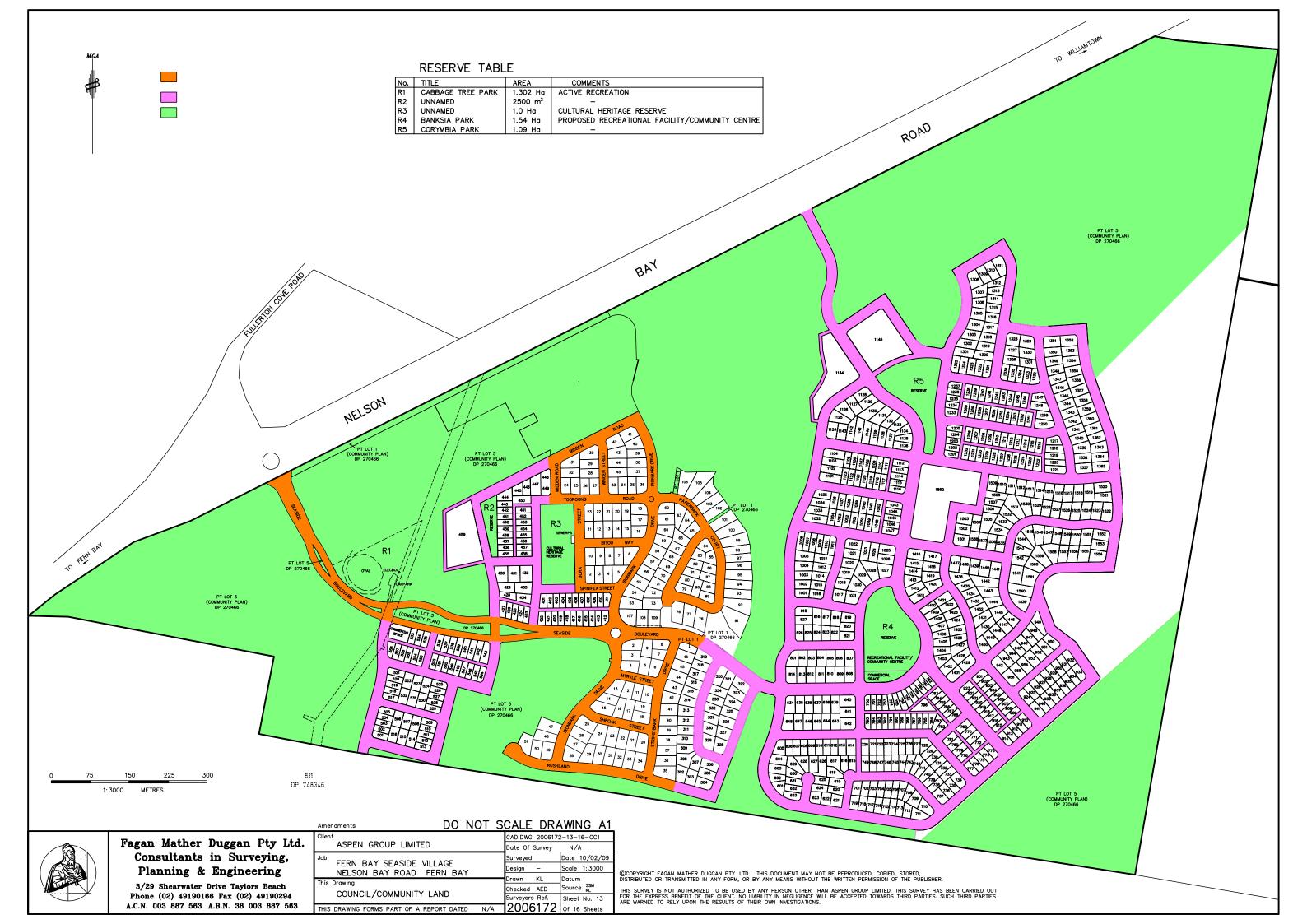


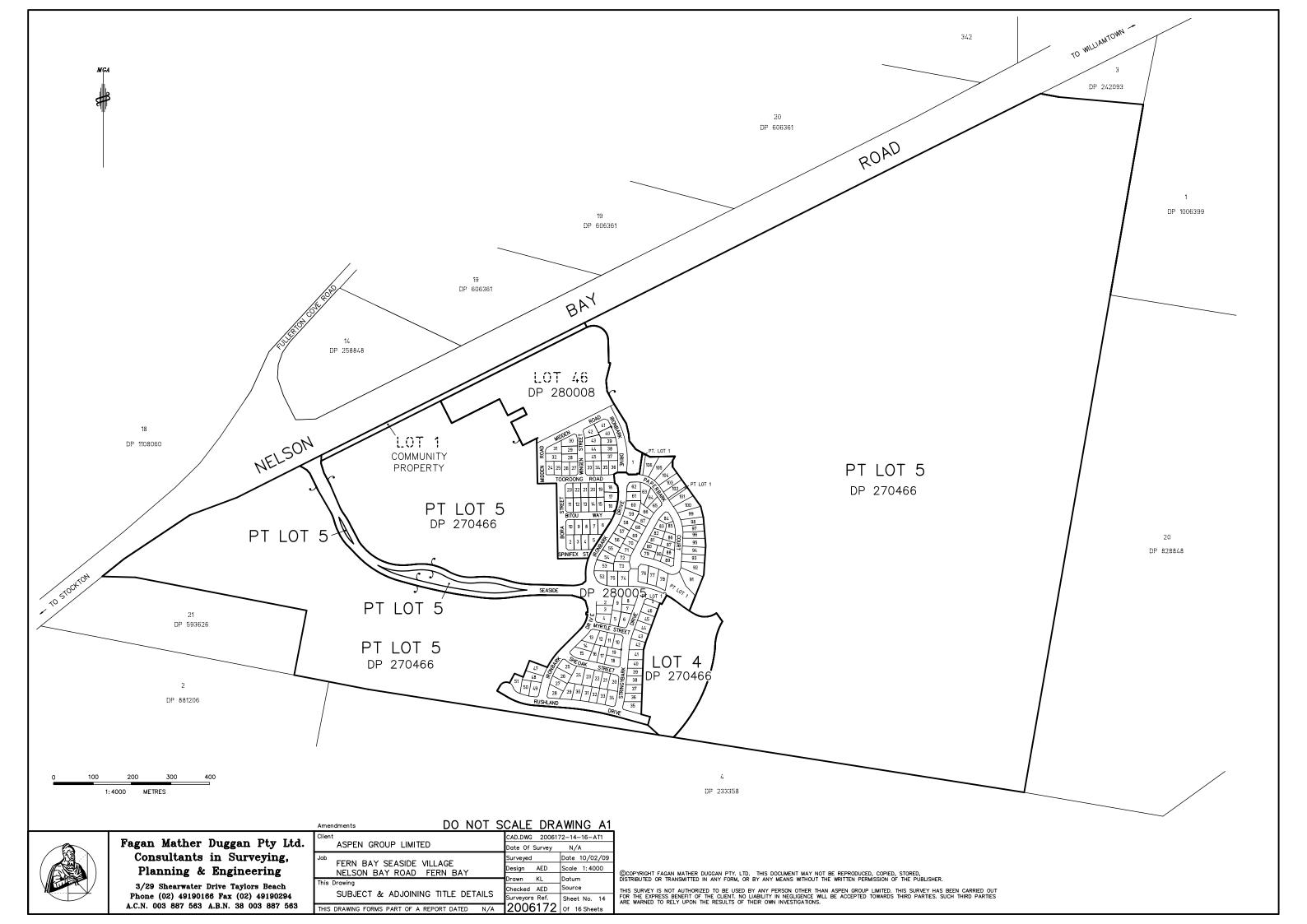
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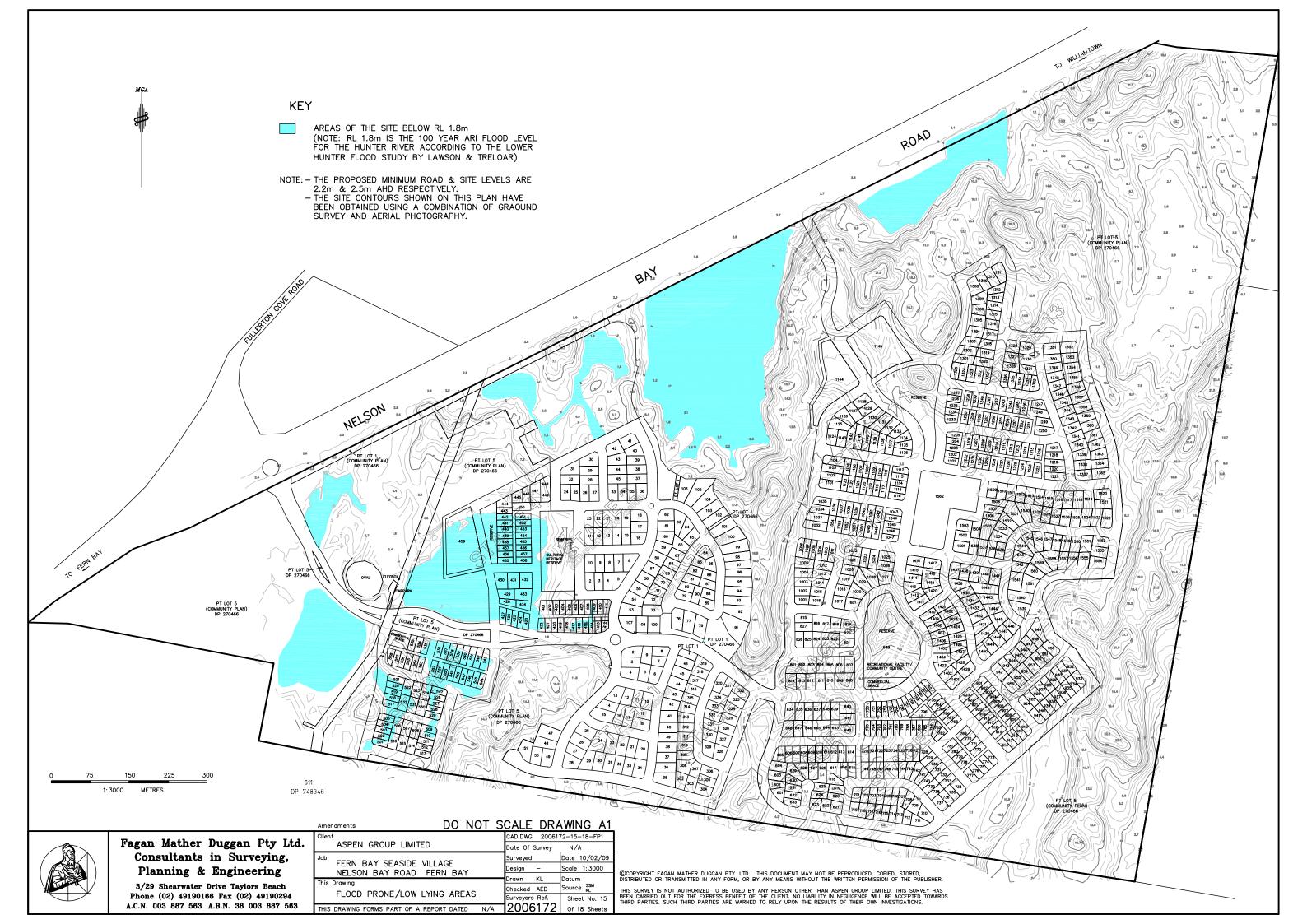


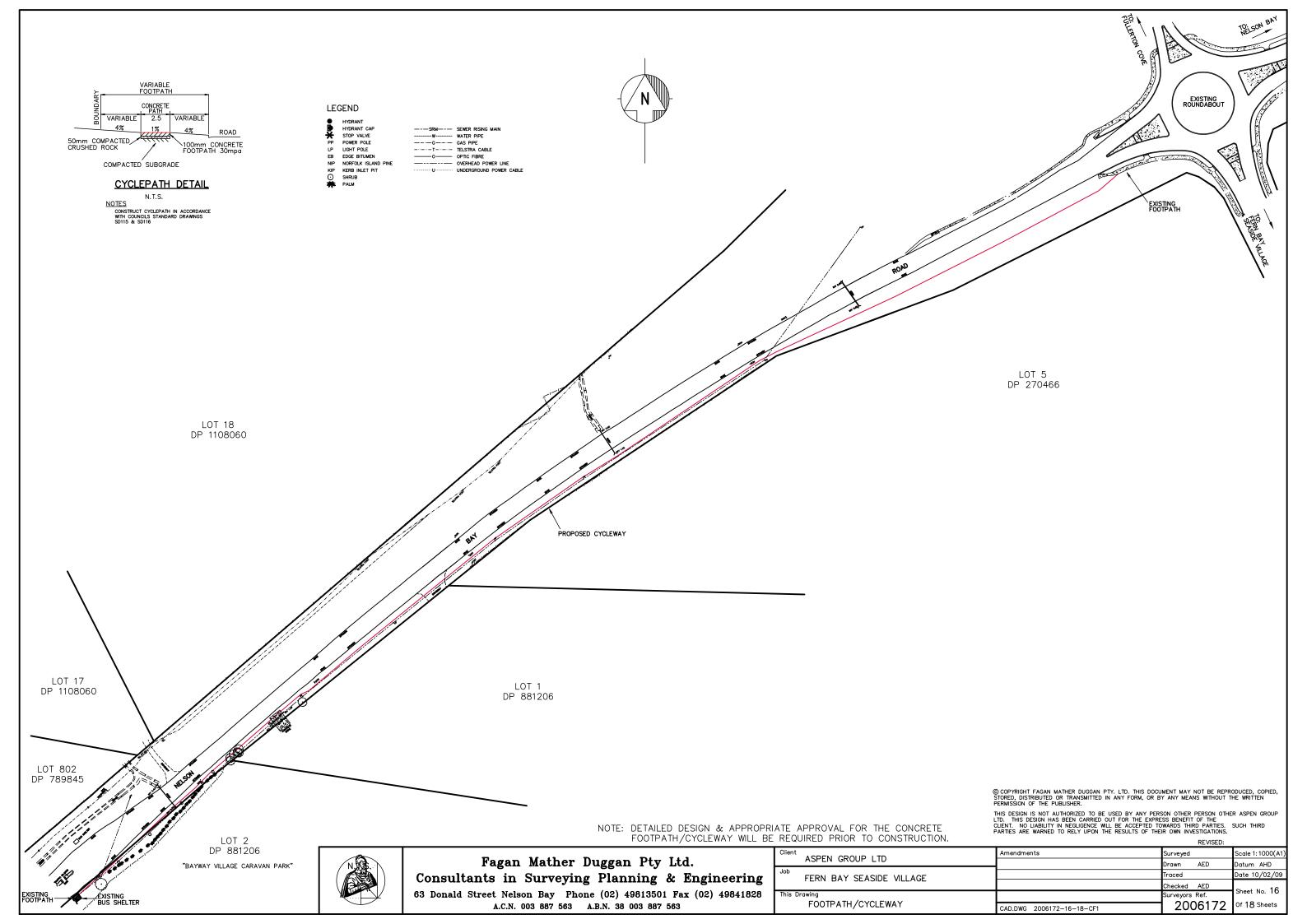
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# **SUBGRADE NOTES**

- · REFER TO GEOTECHNICAL REPORT FOR PAVEMENT DETAILS AND GEOTECHNICAL

- REFER TO GEOTECHNICAL REPORT FOR PAVEMENT DETAILS AND GEOTECHNICAL ADVICE.

  SUBGRADE TO BE OF CLEAN SAND TO DEPTH OF 500mm. WHERE EXISTING MATERIAL IS CONSIDERED UNSUITABLE, REFER TO SUBGRADE PREPARATION ADVICE IN GEOTECHNICAL REPORT.

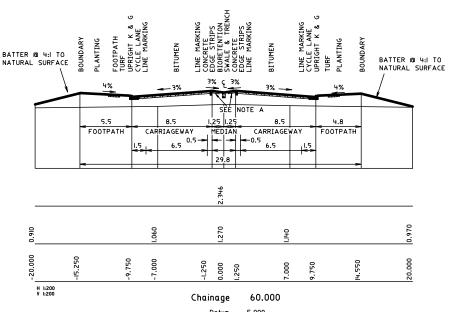
  IF WET CLAY MATERIAL IS ENCOUNTERED IN SUBGRADE THEN SUBGRADE SUITABILITY IS TO BE ASSESSED BY CONSULTANT GEOTECHNICAL ENGINEERS.
  IN AREAS OF GRADE OF GREATER THAN 10%, CONSULTANT GEOTECHNICAL ENGINEERS.

  THICKNESS.

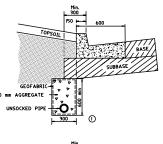
# PAVEMENT DETAILS

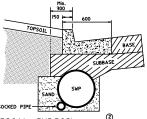
NOTE C
PROVIDE LOW WIDE
100mm THICK CRUSHER
DUST LAYER, AT 60mm
BELOW FSL, COVER WITH
TOPSOIL & TURF OR
LANDSCAPE AS DIRECTED ROAD No.I -PRIME 7mm COAT & 25mm AC RESIDENTIAL MIX -IO0mm COMPACTED BASECOURSE -200mm COMPACTED SUBBASE -COMPACTED SAND SUBGRADE BATTER @ 4:1 TO NATURAL SURFACE CARRIAGEWAY 5.25 Chainage 87.290

Datum TYPICAL CROSS SECTION - SINGLE CARRIAGEWAY



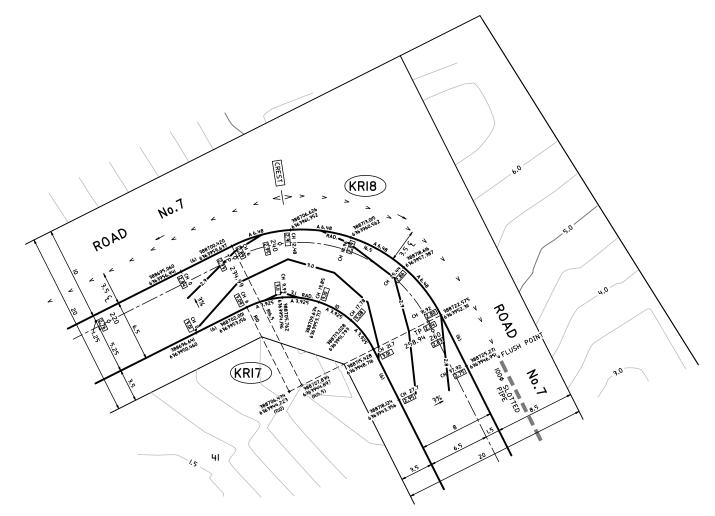
TYPICAL CROSS SECTION - DUAL CARRIAGEWAY



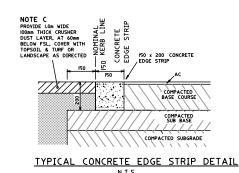


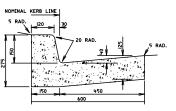
TYPICAL SUBSOIL DRAINAGE DETAIL

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.

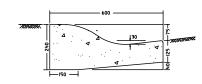


TYPICAL INTERSECTION DETAIL





TYPICALI50mm KERB & GUTTER N.T.S.



TYPICAL ROLL KERB & GUTTER N.T.S.

### DO NOT SCALE DRAWING AL



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		CAD.DWG 2006172-17-18-RTI			
	ASPEN GROUP LIMITED	Date Of Survey	N/A	١,	
Job FERN RAY SEASIRE WILLAGE	Job FEDN DAY SEASIDE VILLAGE	Surveyed	Date 10/02/09	F	
	FERN BAY SEASIDE VILLAGE NELSON BAY ROAD FERN BAY	Design AED	Scale N/A	1	
	This Drawing	Drawn KL	Datum	١,	
TYPICAL ROAD DETAILS		Checked AED	Source RL	9	
		Surveyors Ref.	Sheet No. 17	1	
	THIS DRAWING FORMS PART OF A REPORT DATED N/A	2006172	Of 18 Sheets	ľ	

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