CATCHMENT DETAILS

PARAMETER	RAWS CATCHMENT (3)	SHEPPARDS CATCHMENT (2)
CATCHMENT AREA (Ha)	110.96	42.56
PROPOSED TREATMENT	WETLAND BASIN	WETLAND BASIN
NoL(m^2)	6337.4m^2	7196.4m^2
Q_{100} LEVEL	612.55	622.65

RAWS CATCHMENT 3 PERFORMANCE

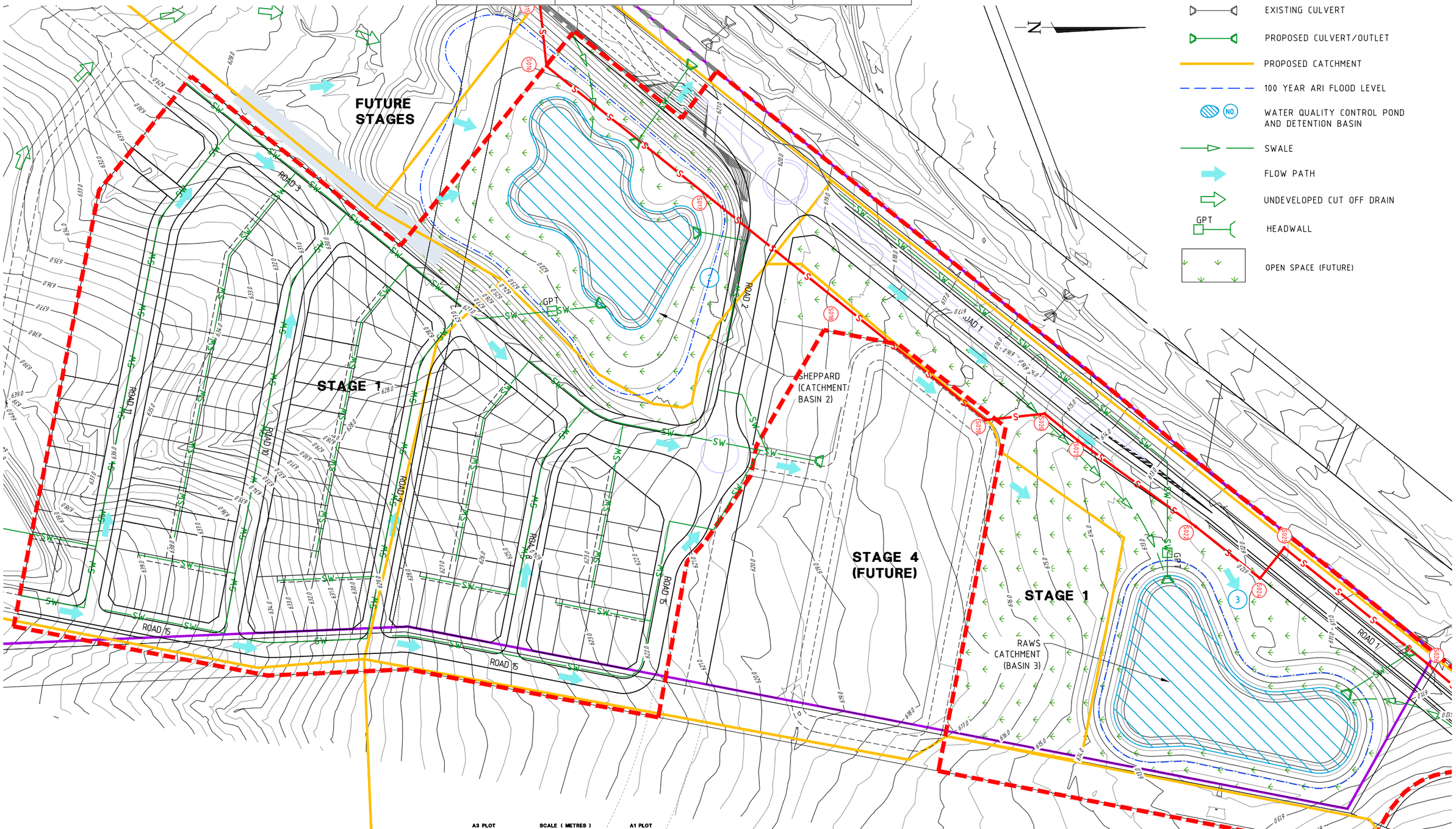
	SUSPENDED SOLIDS	TOTAL NITROGEN	TOTAL PHOSPHOROUS
TARGET RETENTION	85%	70%	60%
ESTIMATED RETENTION	98.3%	83.6%	76%

SHEPPARDS CATCHMENT 2 PERFORMANCE

	SUSPENDED SOLIDS	TOTAL NITROGEN	TOTAL PHOSPHOROUS
TARGET RETENTION	85%	70%	60%
ESTIMATED RETENTION	94.1%	74.7%	60.7%

LEGEND

- DEVELOPMENT BOUNDARY (SOUTH TRALEE)
- FINISHED CONTOUR (1m INTERVAL)
- PROPOSED STORMWATER
- EXISTING CULVERT
- PROPOSED CULVERT/OUTLET
- PROPOSED CATCHMENT
- 100 YEAR ARI FLOOD LEVEL
- WATER QUALITY CONTROL POND AND DETENTION BASIN
- SWALE
- FLOW PATH
- UNDEVELOPED CUT OFF DRAIN
- HEADWALL
- OPEN SPACE (FUTURE)



A3 PLOT SCALE (METRES) A1 PLOT

	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
FIRST ISSUE	NPB	EH			3/07/2015	
AMENDMENTS A	WC	EH			20/05/2016	BLOCKS AND STAGES BOUNDARY UPDATED

WAE No.

PROJECT No.

A3 PLOT 1:2000 SCALE (METRES) 10 5 0 10 20 30 40 50 A1 PLOT 1:1000

CONSULT AUSTRALIA

Quality Endorsed Company ISO 9001 Lic. 4054

SOUTH TRALEE ESTATE - STAGE 1
DEVELOPMENT APPLICATION

calibre CONSULTING

© 2015

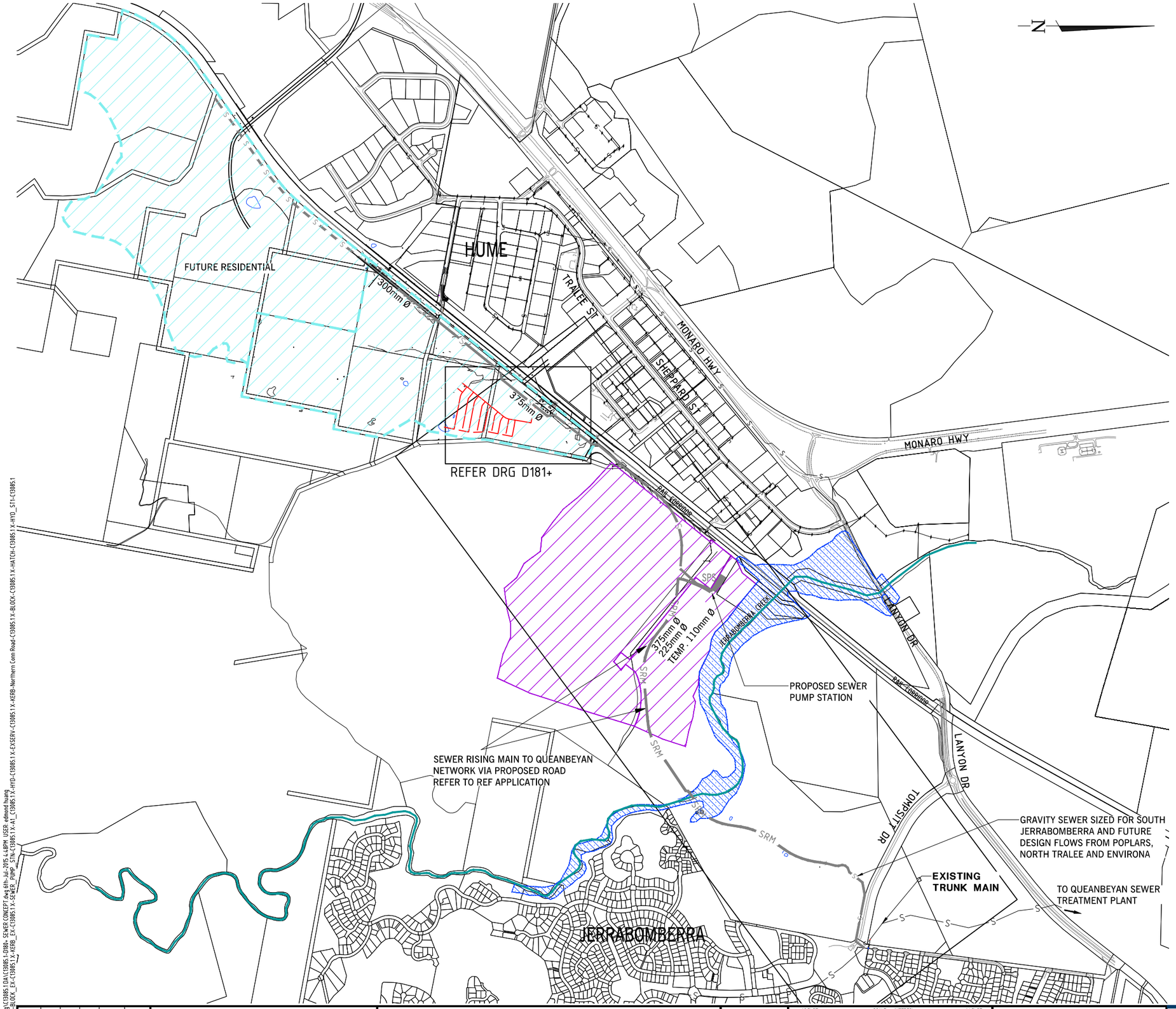
www.calibreconsulting.co

DRAWING TITLE
WATER SENSITIVE URBAN DESIGN
POND DETAILS
STAGE 1

DRAWING NUMBER C13085.1-D170+

AMEND. A

FILE: H:\C13085\Drawing\C13085.1DA\C13085.1-D170+ WSUD.dwg 30th-Jun-2015 6:00PM USER: Aaron Krenkel
Xref's: X-A1_C13085.1X-BLOCK_EX-C13085.1X-BLOCK_C13085.1X-CATCHMENT_C13085.1X-CONT_C13085.1X-DCONT_C13085.1X-HYD_C13085.1X-KERB_EX-C13085.1X-KERB_C13085.1X-PONDS_C13085.1X-RONAME_C13085.1X-STAGE_C13085.1X-HYD_ST1_C13085.1X-SURVEY_C13085.1X-HATCH_C13085



SEWER LEGEND

- EXISTING SEWER
- PROPOSED SEWER - STAGE 1
- FUTURE SEWER
- WORKS UNDER REF APPLICATION
- PROPOSED SEWER CATCHMENT (SOUTH JERRABOMERRA)
- FUTURE SEWER CATCHMENT
- SPS — PROPOSED SEWER PUMPING STATION *1

NOTE:

*1. FOR INFORMATION ONLY - DOES NOT FORM PART OF THIS DEVELOPMENT APPLICATION (REFER TO REF APPLICATION)

FILE: H:\C13000\C13085\DA\C13085.1\D180+ SEWER CONCEPT.dwg 6th-Jul-2015 4:48PM USER: edmond huang
Xref's: X-SURVEY-C13085.1X-BLOCK_EX-C13085.1X-KERB_EX-C13085.1X-SEWER_PUMP_STN-C13085.1X-AI_C13085.1X-HYD-C13085.1X-EXSERV-C13085.1X-KERB-Northern Conn Road-C13085.1X-BLOCK-C13085.1X-HATCH-C13085.1X-HYD_STI-C13085.1

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	NPB	EH			3/07/2015

AMENDMENTS

AMENDMENT DETAILS

WAE No.

PROJECT No.

A3 PLOT 1:20000 — SCALE (METRES) 100 50 0 100 200 300 400 500 — A1 PLOT 1:10000

CONSULT AUSTRALIA

Quality Endorsed Company ISO 9001 Lic 4064

The Village PARRAMATTA

SOUTH TRALEE ESTATE - STAGE 1
DEVELOPMENT APPLICATION

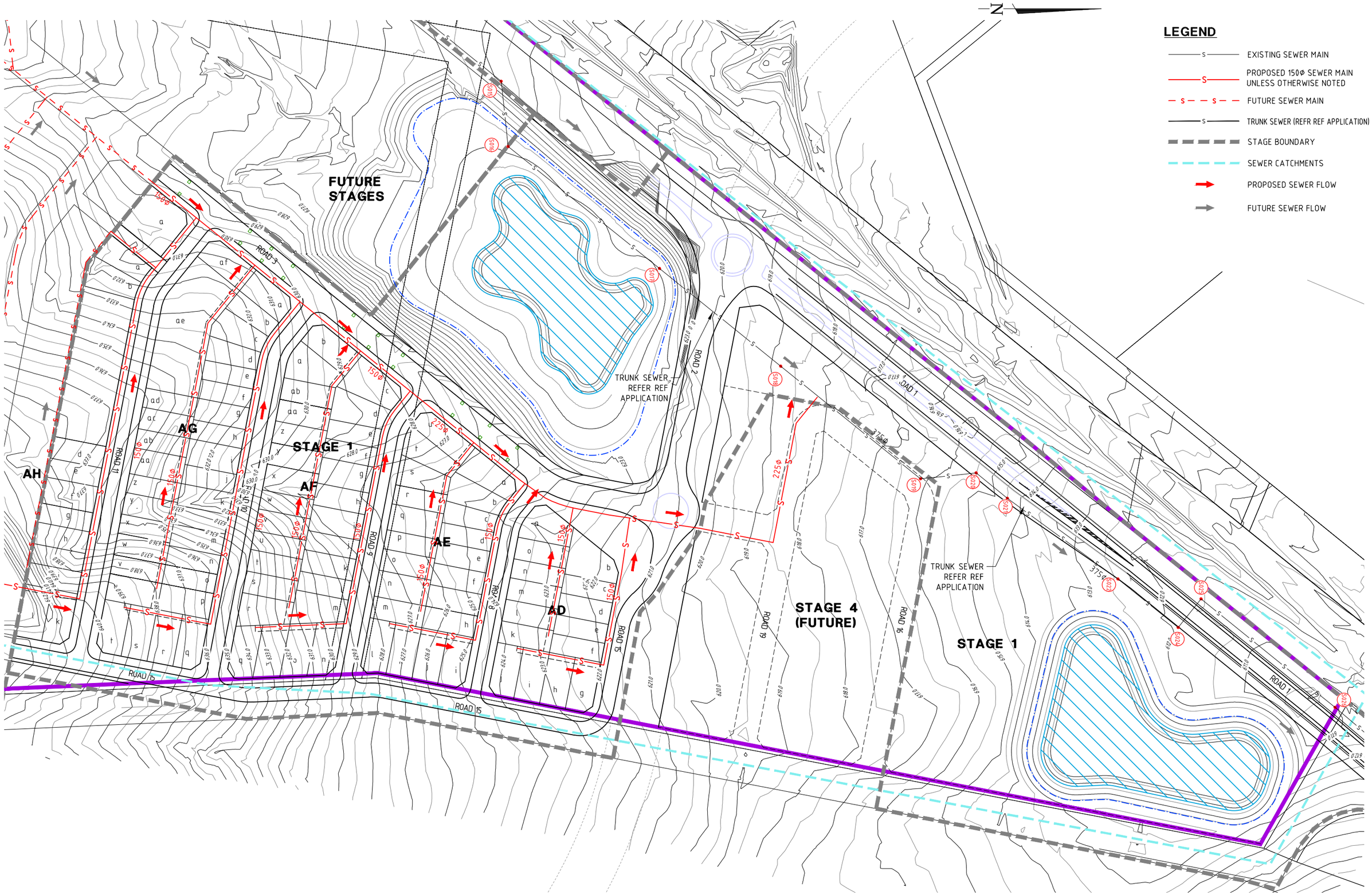
calibre CONSULTING
www.calibreconsulting.co

©2015

DRAWING TITLE
SEWER CONCEPT CATCHMENT PLAN

DRAWING NUMBER
C13085.1-D180+

AMEND.



A3 PLOT SCALE (METRES) A1 PLOT

	FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
		NPB	EH			3/07/2015	
AMENDMENTS	A	WC	EH			20/05/2016	BLOCKS AND STAGES BOUNDARY UPDATED

WAE No.

PROJECT No.

A3 PLOT 1:2000 SCALE (METRES) 10 5 0 10 20 30 40 50 A1 PLOT 1:1000

CONSULT AUSTRALIA

Quality Endorsed Company ISO 9001 Lic 4094

Village Homes

SOUTH TRALEE ESTATE - STAGE 1
DEVELOPMENT APPLICATION

calibre CONSULTING

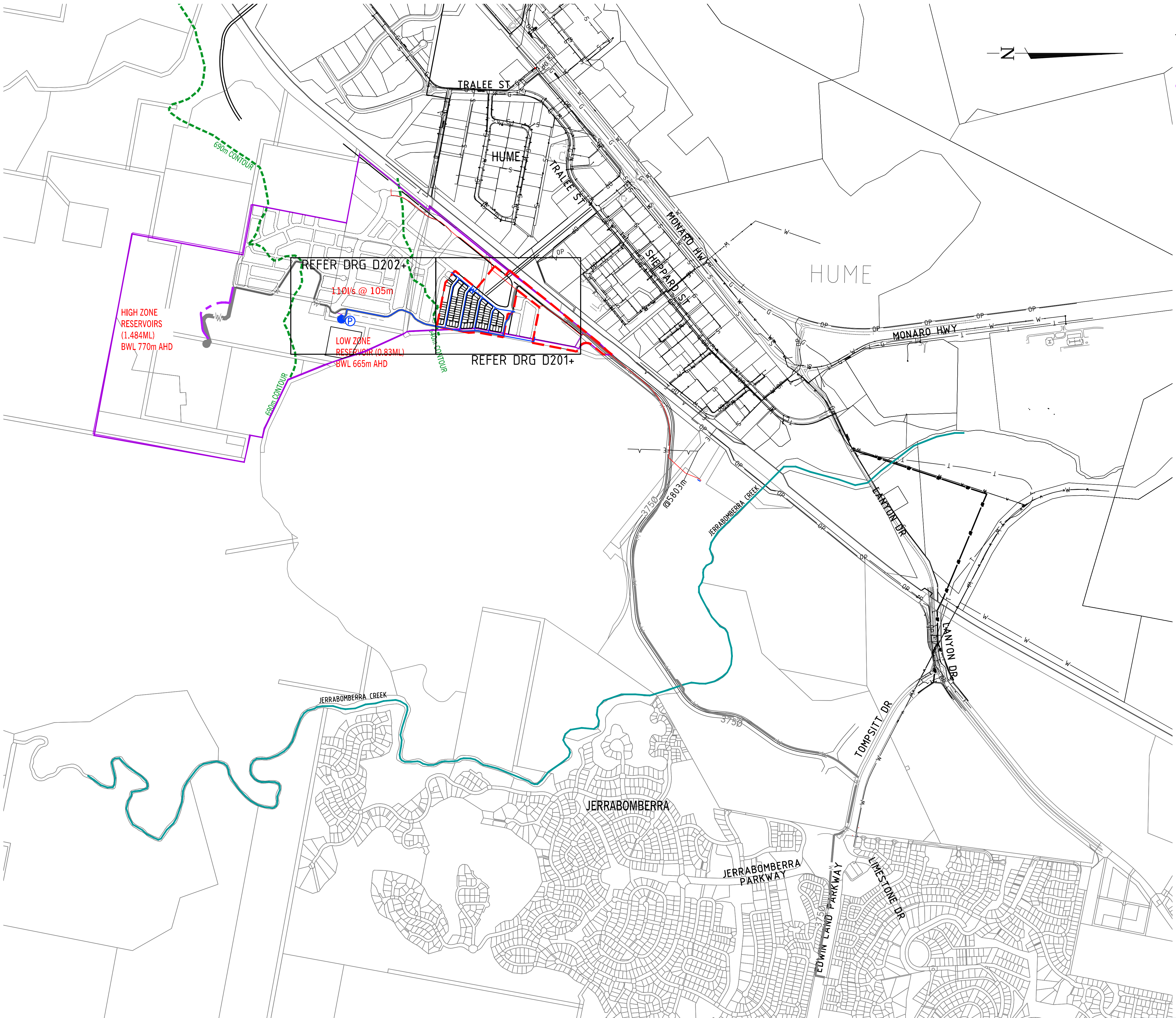
©2015 www.calibreconsulting.co

DRAWING TITLE
SEWER CONCEPT MASTER PLAN
STAGE 1
SHEET 1

DRAWING NUMBER C13085.1-D181+

AMEND. A

FILE: H:\C13000\C13085\drawing\C13085.1-DA\C13085.1-D181+_SCMP.dwg 10th-Jul-2015 2:50PM USER: edmond.huang
Xref's: X-A1_C13085.1X-SUR(EY-C13085.1X-BLOCK_EX-C13085.1X-BLOCK_NO-C13085.1X-BLOCK-C13085.1X-CONT-C13085.1X-CONT-C13085.1X-DCONT-C13085.1X-EXSERV-C13085.1X-HYD_ST1-C13085.1X-KERB_EX-C13085.1X-KERB-C13085.1X-RONAME-C13085.1X-STAGE-C13085.1X-HYD-C13085.1X-PONDS-C13085.1



LEGEND

- PROPOSED ACCESS TRACK
- PROPOSED ROAD
- WATER PRESSURE ZONE BOUNDARY
- PROPOSED WATER MAIN
- WATER MAIN UNDER REF APPLICATION
- FUTURE WATER MAIN
- PROPOSED RESERVOIR AND PUMP STATION *
- FUTURE HIGH ZONE RESERVOIR *

NOTES

1. INFRASTRUCTURE SIZING BASED ON WSA03v3.1 AND DESIGN AND CONSTRUCTION SPECIFICATION FOR WATER WORKS, QCC(28 AUGUST 2014).

* FOR INFORMATION ONLY - DOES NOT FORM PART OF THIS DEVELOPMENT APPLICATION (REF TO REF APPLICATION)

FILE: H:\C13000\C13085\drawing\C13085.1 DA\C13085.1-D200+ WATER CONCEPT.dwg 6th Jul 2015 4:59PM USER: edmond.huang
Xref's: X-KERB_EX-C13085.1 X-BLOCK_EX-C13085.1 X-CONT-C13085.1 X-EXSERV-C13085.1 X-HYD-C13085.1 X-SURVEY-C13085.1 X-KERB-Northern Conn Road-C13085.1 X-BLOCK-C13085.1 X-A1_C13085.1 X-HATCH-C13085.1 X-STAGE-C13085.1 X-HYD_ST1-C13085.1

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
	NPB	EH	[signature]	[signature]	3/07/2015	
AMENDMENTS						

WAE No. ....

PROJECT No. ....

A3 PLOT 1:20000 — SCALE (METRES) 100 50 0 100 200 300 400 500 — A1 PLOT 1:10000

CONSULT AUSTRALIA

Quality Endorsed Company ISO 9001 Lic 4084

The Village Building Co.

SOUTH TRALEE ESTATE - STAGE 1
DEVELOPMENT APPLICATION

calibre CONSULTING

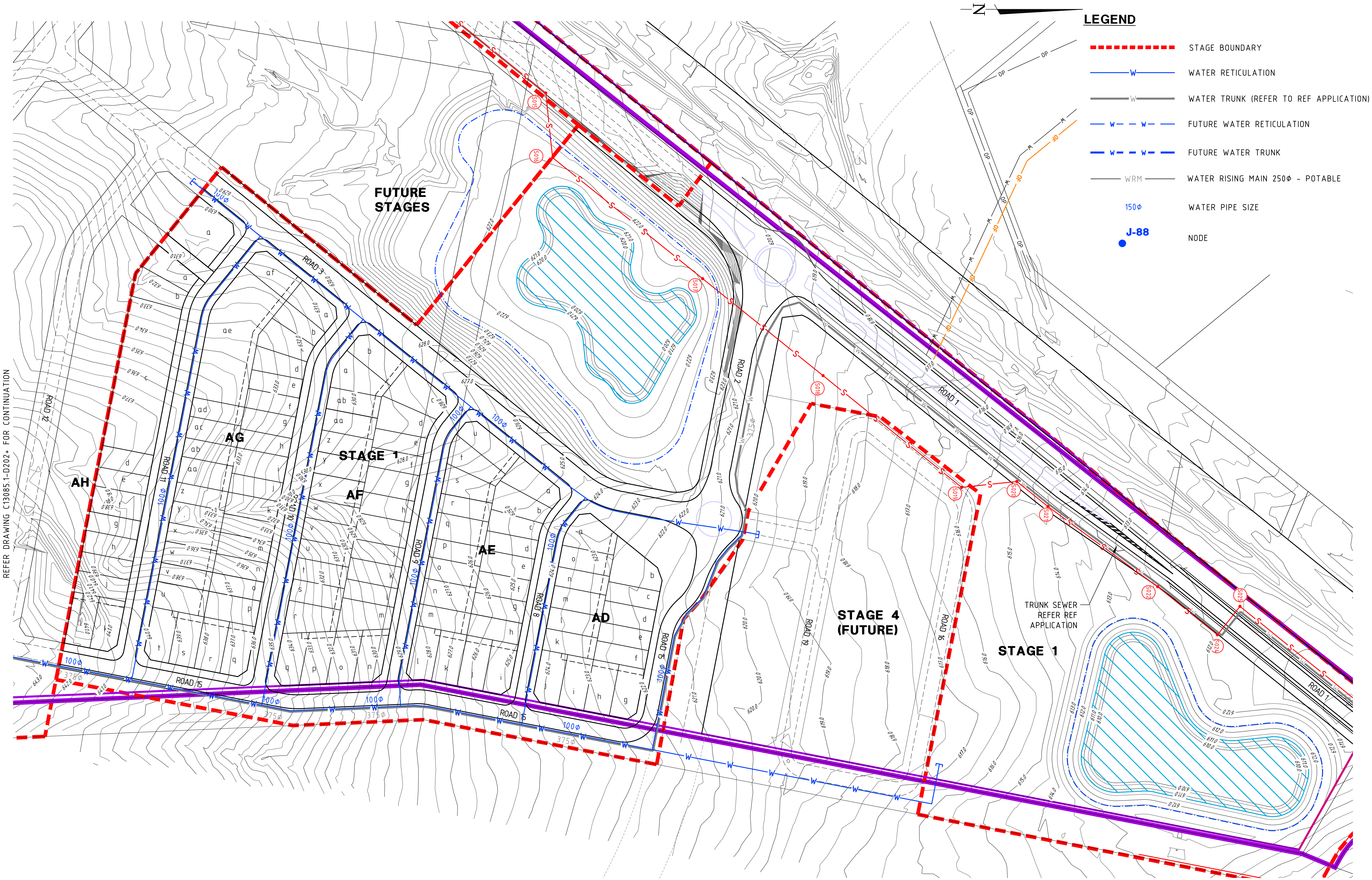
©2015

www.calibreconsulting.co

DRAWING TITLE
POTABLE WATER SUPPLY CONCEPT PLAN

DRAWING NUMBER
C13085.1-D200+

AMEND.



FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
	NPB	EH			3/07/2015	
A	WC	EH			20/05/2016	BLOCKS AND STAGES BOUNDARY UPDATED

WAE No.

PROJECT No.

A3 PLOT 1:2000 — SCALE (METRES) 10 5 0 10 20 30 40 50 — A1 PLOT 1:1000

CONSULT AUSTRALIA

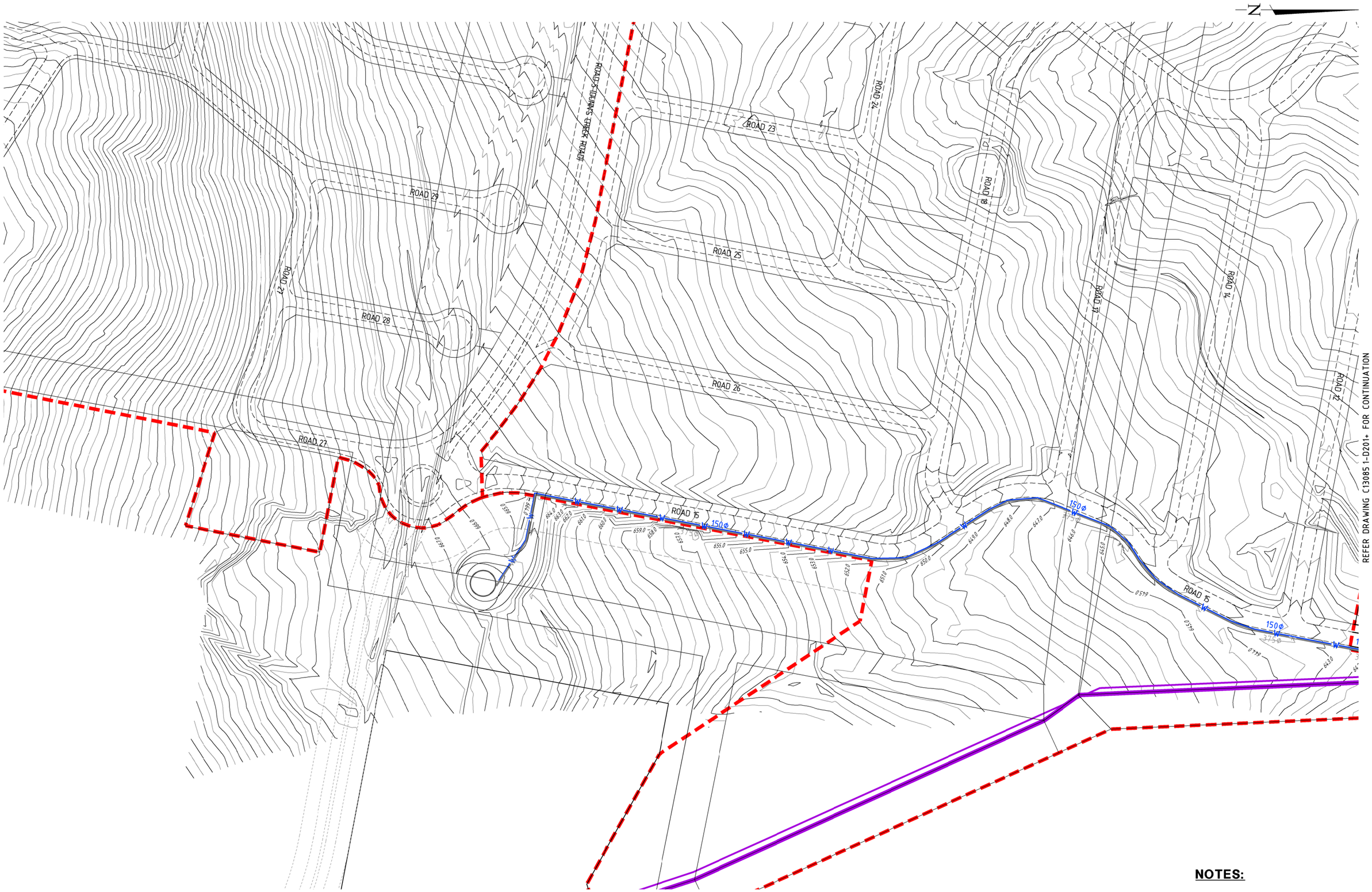
SOUTH TRALEE ESTATE - STAGE 1
DEVELOPMENT APPLICATION

calibre CONSULTING
©2015 www.calibreconsulting.co

DRAWING TITLE
POTABLE WATER MASTER PLAN
STAGE 1
SHEET 1

DRAWING NUMBER: C13085.1-D201+

AMEND.: A



NOTES:

REFER DRAWING C13085 1-D201+ FOR NOTES AND LEGEND

	DESIGN	DRAWN	CHECK	APPROVED	DATE
FIRST ISSUE	NPB	EH			3/07/2015

AMENDMENTS

AMENDMENT DETAILS

WAE No.

PROJECT No.

A3 PLOT 1:2000 — SCALE (METRES) 10 5 0 10 20 30 40 50 — A1 PLOT 1:1000

CONSULT AUSTRALIA

Quality Endorsed Company ISO 9001 Lic. 4064

Village

SOUTH TRALEE ESTATE - STAGE 1
DEVELOPMENT APPLICATION

calibre CONSULTING
www.calibreconsulting.co

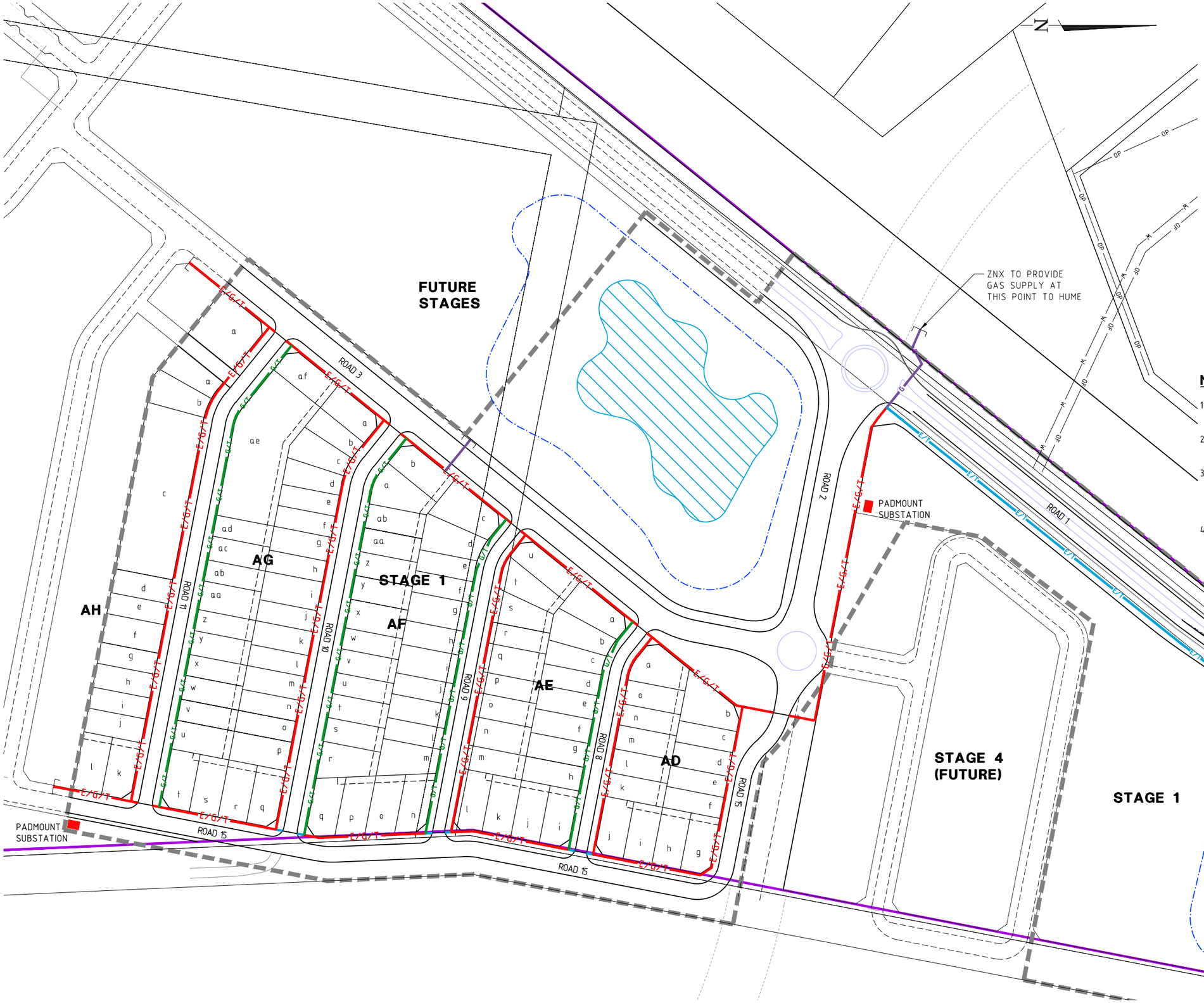
©2015

DRAWING TITLE
POTABLE WATER MASTER PLAN
STAGE 1
SHEET 2

DRAWING NUMBER
C13085.1-D202+

AMEND.

FILE: H:\C13000\C13085\Drawing\C13085.1 DA\C13085.1-D201+ WCMP.dwg 10th-Jul-2015 3:06PM USER: edmond.huang
Xrefs: X-AT_C13085.1X-ARTB_EX-C13085.1X-BLOCK_EX-C13085.1X-BLOCK-C13085.1X-EXSERV-C13085.1X-SURVEY-C13085.1X-RDNAME-C13085.1X-STAGE-C13085.1X-HYD_STH-C13085.1X-BLOCK_NO-C13085.1X-PONDS-C13085.1X-RESERVOIR-C13085.1



LEGEND

E/G/T	SHARED RESERVATION/ALIGNMENT FOR GAS/TELECOMMUNICATIONS/ELECTRICITY)
G/T	GAS / TELECOMMUNICATIONS
G/E	GAS / ELECTRICITY
E/T	ELECTRICITY / TELECOMMUNICATIONS
	CONDUIT CROSSING TYPICAL 1xTR100 1xG100 1xE140 OR 2xE140 1xSL50 (SUBJECT TO DETAIL DESIGN)
	STAGE 1 BOUNDARY
E	EXISTING 11kV U/G ELECTRICITY
E	EXISTING 11kV O/H ELECTRICITY
T	EXISTING TELCOMMUNICATIONS
E	1 WAY TRENCH (ELECTRICITY)
G	1 WAY TRENCH (GAS)
T	1 WAY TRENCH (TELECOMMUNICATION)

NOTES:

1. THESE DRAWINGS REPRESENT THE ALIGNMENT RESERVATIONS FOR THE RETICULATION OF POWER, TELECOMMUNICATIONS AND GAS.
2. EXISTING ELECTRICAL AND COMMUNICATIONS TO BE RATIONALISED INTO NEW SUBDIVISION OR RELOCATED CLEAR OF WORKS.
3. FOR SHARED TRENCH LOCATIONS REFER TYPICAL SECTIONS C13085.1-D011 TO D012. NOT ALL SERVICES ARE IN EACH TRENCH; TRENCH INSTALLATION & BACKFILL IN ACCORDANCE WITH SPECIFIC REQUIREMENTS OF EACH UTILITY.
4. SUBSTATION LOCATIONS SUBJECT TO DETAILED DESIGN.

FILE: H:\C13000\C13085\drawing\C13085.1DA\C13085.1-D230- UCM.dwg,24th-Jun-2015 10:17AM USER: edmond.huang
Xref's: X-A1 C13085.1X-REGB EX-C13085.1X-BLOCK_EX-C13085.1X-KERB-C13085.1X-BLOCK-C13085.1X-POND5-C13085.1X-RONAME-C13085.1X-STAGE-C13085.1X-BLOCK_NO-C13085.1X-EXSERV-C13085.1X-SUB STATION SITE-C13085

	FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
		NPB	EH			3/07/2015	
AMENDMENTS	A	WC	EH			20/05/2016	BLOCKS AND STAGES BOUNDARY UPDATED

WAE No.

PROJECT No.

A3 PLOT 1:2000 — SCALE (METRES) 10 5 0 10 20 30 40 50 — A1 PLOT 1:1000

CONSULT AUSTRALIA

Quality Endorsed Company ISO 9001 Lic 4084

The Village Building Co.

SOUTH TRALEE ESTATE - STAGE 1
DEVELOPMENT APPLICATION

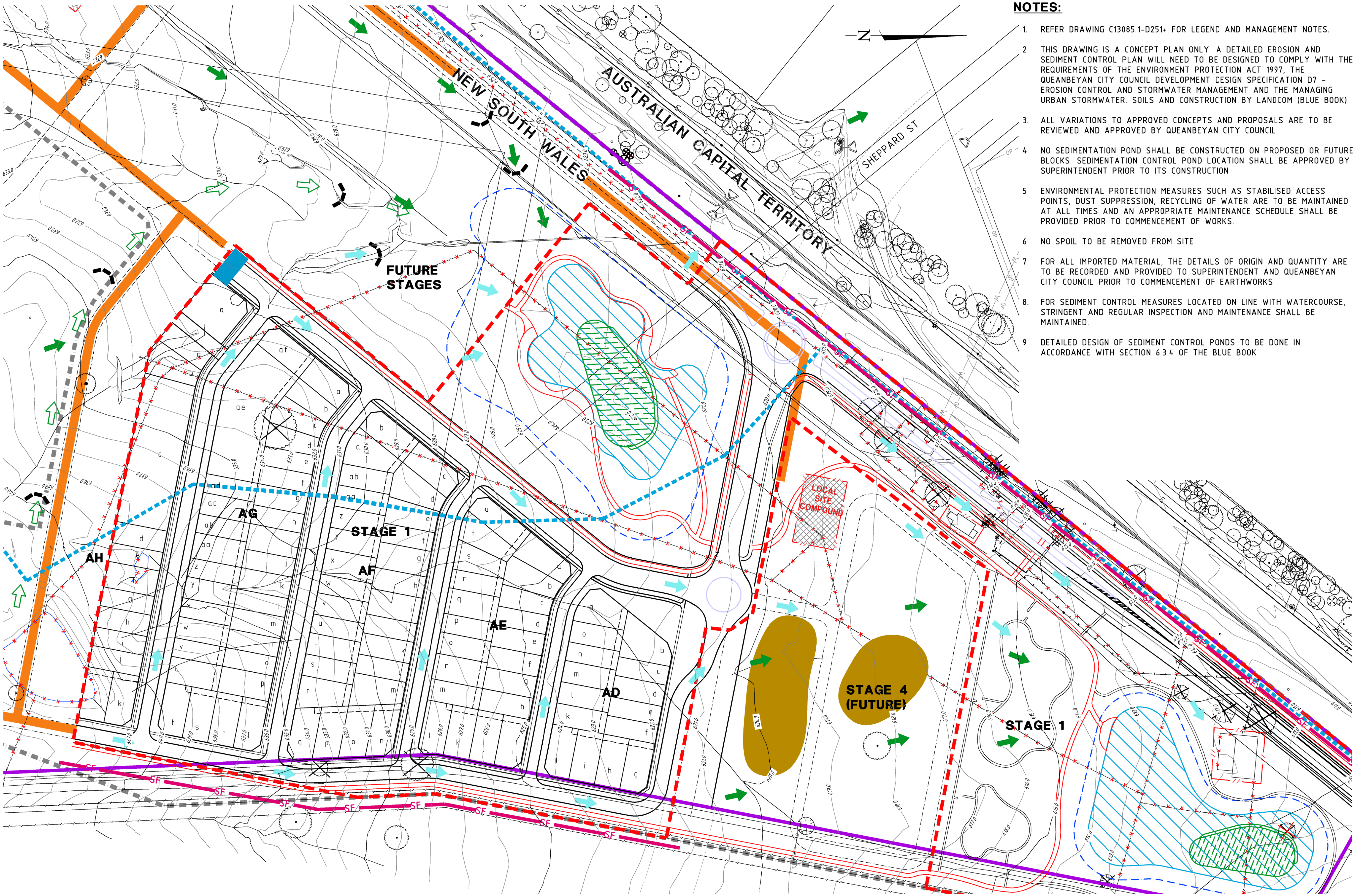
©2015

calibre CONSULTING
www.calibreconsulting.co

DRAWING TITLE
UTILITIES CONCEPT MASTER PLAN
STAGE 1

DRAWING NUMBER
C13085.1-D230+

AMEND.
A



NOTES:

1. REFER DRAWING C13085.1-D251+ FOR LEGEND AND MANAGEMENT NOTES.
2. THIS DRAWING IS A CONCEPT PLAN ONLY. A DETAILED EROSION AND SEDIMENT CONTROL PLAN WILL NEED TO BE DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE ENVIRONMENT PROTECTION ACT 1997, THE QUEANBEYAN CITY COUNCIL DEVELOPMENT DESIGN SPECIFICATION D7 - EROSION CONTROL AND STORMWATER MANAGEMENT AND THE MANAGING URBAN STORMWATER. SOILS AND CONSTRUCTION BY LANDCOM (BLUE BOOK)
3. ALL VARIATIONS TO APPROVED CONCEPTS AND PROPOSALS ARE TO BE REVIEWED AND APPROVED BY QUEANBEYAN CITY COUNCIL
4. NO SEDIMENTATION POND SHALL BE CONSTRUCTED ON PROPOSED OR FUTURE BLOCKS. SEDIMENTATION CONTROL POND LOCATION SHALL BE APPROVED BY SUPERINTENDENT PRIOR TO ITS CONSTRUCTION
5. ENVIRONMENTAL PROTECTION MEASURES SUCH AS STABILISED ACCESS POINTS, DUST SUPPRESSION, RECYCLING OF WATER ARE TO BE MAINTAINED AT ALL TIMES AND AN APPROPRIATE MAINTENANCE SCHEDULE SHALL BE PROVIDED PRIOR TO COMMENCEMENT OF WORKS.
6. NO SPOIL TO BE REMOVED FROM SITE
7. FOR ALL IMPORTED MATERIAL, THE DETAILS OF ORIGIN AND QUANTITY ARE TO BE RECORDED AND PROVIDED TO SUPERINTENDENT AND QUEANBEYAN CITY COUNCIL PRIOR TO COMMENCEMENT OF EARTHWORKS
8. FOR SEDIMENT CONTROL MEASURES LOCATED ON LINE WITH WATERCOURSE, STRINGENT AND REGULAR INSPECTION AND MAINTENANCE SHALL BE MAINTAINED.
9. DETAILED DESIGN OF SEDIMENT CONTROL PONDS TO BE DONE IN ACCORDANCE WITH SECTION 6.3.4 OF THE BLUE BOOK

	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
FIRST ISSUE	NPB	EH			3/07/2015	

WAE No.

PROJECT No.

A3 PLOT 1:2000 — SCALE (METRES) 10 5 0 10 20 30 40 50 — A1 PLOT 1:1000

CONSULT AUSTRALIA

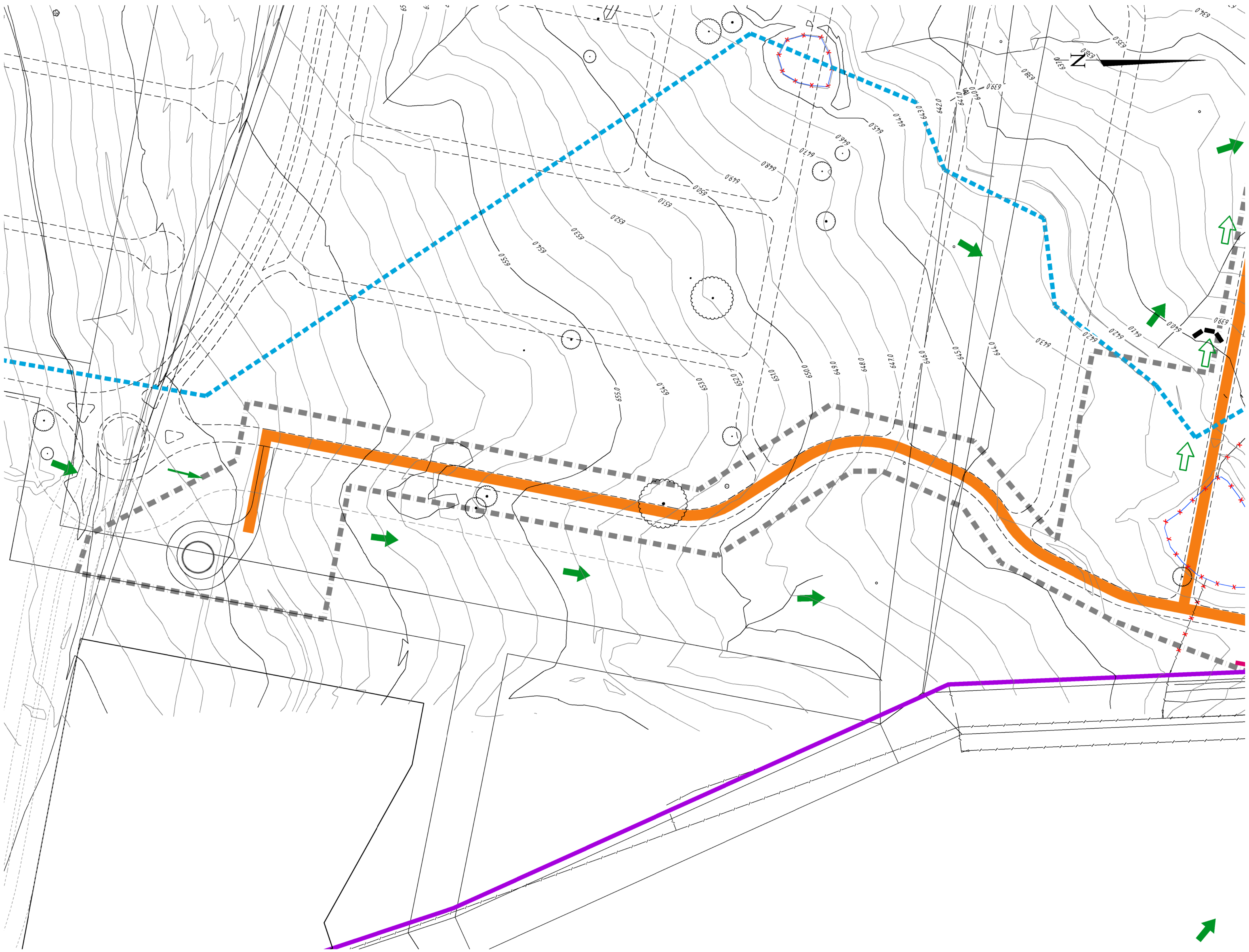
SOUTH TRALEE ESTATE - STAGE 1
DEVELOPMENT APPLICATION

calibre CONSULTING
© 2015 www.calibreconsulting.co

DRAWING TITLE: SOIL, WATER AND VEGETATION MANAGEMENT PLAN SHEET 1

DRAWING NUMBER: C13085.1-D250+

AMEND.: A



FILE: H:\C13000\C13085\drawing\C13085.1 DA\C13085.1-D250+ SWVM.dwg 10th-Jul-2015 3:21PM USER: edmond.huang
Xref's: X-KERB_EX-C13085.1 X-BLOCK_EX-C13085.1 X-CATCHMENT-C13085.1 X-EXSERV-C13085.1 X-SURVEY-C13085.1 X-KERB-Northern Conn Road-C13085.1 X-PONDS-C13085.1 X-BLOCK-C13085.1 X-STAGE-C13085.1 X-KERB-C13085.1 X-slope analysis_EX-C13085 X-PATH-C13085.1 X-RDNAME-C13085.1 X-BLOCK_NO-C13085.1 X-RESERVOIR-C13085.1

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
	NPB	EH	[signature]	[signature]	3/07/2015	
AMENDMENTS						

WAE No. ....

PROJECT No. ....

A3 PLOT 1.2000 — SCALE (METRES) 10 5 0 10 20 30 40 50 — A1 PLOT 1.1000

CONSULT AUSTRALIA

Quality Endorsed Company ISO 9001 Lic 4084

The Village Building Co.

SOUTH TRALEE ESTATE - STAGE 1
DEVELOPMENT APPLICATION

calibre CONSULTING

©2015

www.calibreconsulting.co

DRAWING TITLE
SOIL, WATER AND VEGETATION MANAGEMENT PLAN SHEET 2

DRAWING NUMBER
C13085.1-D251+

AMEND.

LEGEND

- STAGE BOUNDARY
- CATCHMENT BOUNDARY
- EXISTING CONTOURS (0.5m INTERVALS) (609.0)
- LIMIT OF WORKS
- SF — SILT FENCE REMOVE WHEN STREET NOT IN USE AS CONSTRUCTION ACCESS
- TEMPORARY FENCE
- TEMPORARY GATE ACCESS
- EXISTING OVERLAND FLOW PATH
- SWALE/FLOODWAY DRAIN
- CUTOFF/DIVERSION DRAIN
- HAY BALES
- TEMPORARY OUTLET PARTIAL BLOCKAGE
- EXISTING TREE AND TREE NO. TO BE REMOVED AND RELOCATED TO E2 LAND AS PER ECOLOGICAL ADVISE
- TREE TO BE RETAINED AND PROTECTED
- TEMPORARY SEDIMENT POND
- DISTURBED AREA
- TEMPORARY STOCKPILES
- SW — GRAVEL FILTER / TEMPORARY WATERWAY CROSSING
- HEAVY MULCHING DURING ESTABLISHMENT
- SITE COMPOUND — SITE COMPOUND LOCATION
- TEMP ACCESS TRACKS

GENERAL NOTES

G1. THIS DRAWING TYPIFIES ONLY THE EROSION CONTROL PRINCIPLES REQUIRED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN, CONSTRUCT AND MAINTAIN TEMPORARY EROSION CONTROL MEASURES TO COMPLY WITH THE REQUIREMENTS OF SPECIFICATION C211 CONTROL OF EROSION END SEDIMENTATION, AUS-SPEC VERSION 3.1 JUNE 2011.

G2. VARIATIONS TO APPROVED CONCEPTS AND PROPOSALS ARE TO BE ENDORSED BY QUEANBEYAN CITY COUNCIL PRIOR TO IMPLEMENTATION.

G3. SEDIMENTATION PONDS SHALL NOT BE CONSTRUCTED ON PROPOSED OR FUTURE BLOCKS UNLESS OTHERWISE NOTED OR DOCUMENTED.

G4. SEDIMENTATION POND LOCATION SHALL BE APPROVED BY SUPERINTENDENT PRIOR TO ITS CONSTRUCTION.

G5. SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED AS PER THE MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION, 4TH EDITION. 2004.

PRE CONSTRUCTION PHASE

P1. CONSTRUCT STABILISED DRIVEWAY ENTRANCE.

P2. CONSTRUCT SEDIMENTATION PONDS, INTERCEPTOR CATCH DRAINS AND DIVERSION BANKS AS REQUIRED. GRASS EMBANKMENTS AND INVERTS AND PLACE BITUMEN STABILISED STRAW MULCH AND JUTE MESH TO WHITE WATER DRAINS.

P3. CONSTRUCT SILT FENCES AND COMBINED HAY BALE/SILT FENCES AS SHOWN.

CONSTRUCTION PHASE

C1. NO STOCKPILES, HAUL ROADS OR TRACKS ARE TO BE ESTABLISHED IN AREAS OTHER THAN THOSE SPECIFIED IN THE DOCUMENTS AND AS SHOWN ON THE PLAN.
THE WORKS SHALL BE PLANNED TO ENSURE THAT A MINIMUM AREA OF THE SITE IS DISTURBED AT ANY ONE TIME.

C2. AS EARTHWORKS PROGRESS, TEMPORARY FLOW RELIEF DRAINS SHALL BE CONSTRUCTED AT 40m INTERVALS TO DISPERSE CONCENTRATED FLOW INTO THE UNDISTURBED AREAS. THESE DRAINS SHALL BE MAINTAINED UNTIL THE EARTHWORKS AREAS ARE STABILISED.

C3. ALL OVERLAND FLOW CHANNELS SHALL BE TOPSOILED, GRASSED AND MULCHED IMMEDIATELY AFTER THEIR COMPLETION.

C4. ALL EARTHWORKS SHALL BE CARRIED OUT EXPEDITIOUSLY, TOPSOILED, GRASSED AND MULCHED IMMEDIATELY ON COMPLETION. SITE RESTORATION SHALL BE CARRIED OUT PROGRESSIVELY AS THE WORKS PROCEED. BACK OF BLOCKS & SERVICE CORRIDOR AREAS ARE TO BE PROGRESSIVELY STABILISED ON COMPLETION.

C5. ALL AREAS OF THE SITE BEYOND EARTHWORKS AND DRAINAGE WORKS LIMITS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REVEGETATED IMMEDIATELY AND AT THE CONTRACTOR'S EXPENSE.

C6. SILT FENCES ARE TO BE CONSTRUCTED ON THE DOWNSTREAM SIDE OF ANY STOCKPILES THAT DO NOT HAVE A GRASSED BUFFER OF 20m OF UNDISTURBED NATURAL VEGETATION.

C7. AS UNDERGROUND STORMWATER DRAINAGE IS COMPLETED, SUMP INLET FILTER SOCKS ON ALL INLETS ARE TO BE INSTALLED IMMEDIATELY.

C8. PLACE SILT FENCES ACROSS FLOW PATHS DURING CONSTRUCTION STAGING WHERE INTERMEDIATE SILT FENCES CAN BE DOWNSTREAM OF CONSTRUCTION ZONE.

C9. ALL TRUCKS EXPORTING MATERIALS OFF SITE SHALL HAVE THE LOAD COVERED. FOLLOWING KERB CONSTRUCTION PLACE FILTER ROLL ACROSS PRAM CROSSING OPENING. REFER DETAIL

POST CONSTRUCTION PHASE

F1. UPON THE COMPLETION OF ROAD SEALING SUBJECT TO THE APPROVAL OF THE SUPERINTENDENT, THE ASSOCIATED GENERAL INLET PROTECTION SHALL BE REMOVED. INLET PROTECTION SHALL REMAIN IN PLACE IN CATCH DRAINS AND SWALES ETC.

F2. FILL DIVERSIONS AND STABILISE DISTURBED AREAS.

F3. SILT FENCES FOR BLOCKS AND STABILISED DRIVEWAY ENTRANCES ARE TO REMAIN AFTER CONSTRUCTION.

SEDIMENT CONTROL NOTES

1. SEDIMENT AND EROSION CONTROL DEVICES TO BE INSTALLED AND FULLY OPERATIONAL PRIOR TO STRIPPING OF SITE TOPSOIL.
2. STOCK PILE/S TO BE LOCATED AWAY FROM DRAINAGE LINES AND SURFACE FLOW PATHS. CONTOURED STRIATIONS OR FURROWS TO BE PROVIDED TO STOCK PILES TO MINIMISE EROSION.
3. STABILISED CONSTRUCTION ENTRANCE TO BE CONSTRUCTED PRIOR TO ACCESS TO SITE BY CONSTRUCTION VEHICLES. AGGREGATE TO BE TURNED WHEN SEDIMENT BUILDS UP. WHERE STORMWATER DRAINAGE IS INSTALLED TO INTERNAL ROADWORKS, PROVIDE KERBSIDE FILTER ROLL TO SUMP INLET.
4. TOTAL SITE AREA FOR STAGE 1, 2 & 3 IS 63.9HA.
5. CONTRACTOR IS TO ESTABLISH A MAINTENANCE PROGRAM FOR SEDIMENT AND EROSION CONTROL DEVICES TO ENSURE INSPECTION AFTER SIGNIFICANT RAINFALL AND THAT ANY REPAIRS NECESSARY ARE QUICKLY ATTENDED TO.
6. ALL NEW CONSTRUCTION WORK MUST BE CONTAINED WITHIN THE SITE EXCEPT FOR APPROVED SERVICE CONNECTIONS AND ROADWORKS.
7. LIMIT ACCESS TO SITE DURING AND IMMEDIATELY AFTER WET WEATHER.
8. REGULARLY REMOVE ANY SOIL FROM ROADS ADJACENT TO THE SITE.
9. NO STORAGE OF CONSTRUCTION MATERIALS, PARKING OF VEHICLES NOR EQUIPMENT PERMITTED IN VERGES OR OPEN SPACE WITHOUT QCC APPROVAL.
10. NO SITE SHEDS, STORAGE SHEDS, SITE AMENITIES TO BE ERECTED ON VERGES OR OPEN SPACE WITHOUT QCC APPROVAL.
11. PROVIDE KERBSIDE FILTER ROLL TO EXISTING DOWNSTREAM SUMPS.
12. KERBSIDE FILTER ROLLS TO BE REMOVED, CLEANED AND REINSTATED ON WEEKLY BASIS AT A MINIMUM. TRAPPED SEDIMENT AROUND SUMPS ALSO TO BE REMOVED. CLEANING IS ALSO TO TAKE PLACE IMMEDIATELY AFTER PERIODS OF RAINFALL DURING CONSTRUCTION.
13. ALL SERVICE TRENCHES TO BE BACKFILLED WITHIN 24 HOURS OF INSPECTION.
14. EXCESS SOIL IS TO BE DISPOSED AT AN LOCATION APPROVED BY SUPERINTENDENT. ALL BUILDING MATERIAL AND WASTE STOCKPILES SHALL BE LOCATED WITHIN A WASTE ENCLOSURE OR WASTE CONTAINMENT AREA ON THE SITE.

SEDIMENT BASINS

1. SEDIMENT BASINS SHALL BE FULLY MAINTAINED BY THE CONTRACTOR UNTIL THE DISTURBED CATCHMENT AREA IS PROTECTED AGAINST EROSION BY PERMANENT STABILISATION. PROTECTION SHALL BE PROVIDED FOR THE FINAL LANDSCAPE WORKS UTILISING SILT
2. CONTROL FENCING. THE SEDIMENT BASIN SHALL BE CLEANED OUT WHEN THE VOLUME REMAINING IS REDUCED BY
3. SEDIMENTATION TO 90%. THE EMBANKMENT SHALL BE STABILISED WITH HESSIAN TEMPORARILY.
4. QCC TO BE ADVISED OF PROPOSED POND DISCHARGE PRIOR TO DISCHARGE.
5. BASINS TO BE GRASSED.

MAINTENANCE SCHEDULE

MONTHLY:

1. TURN OVER STABILISED CONSTRUCTION ENTRY MATERIAL AND TOP UP AS REQUIRED.

WEEKLY:

2. CHECK AND REINSTATE SILT CONTROL DEVICES.
3. MONITOR CONDITION AND STORAGE VOLUMES OF ALL SEDIMENT AND TEMPORARY SEDIMENT BASINS

DAILY:

4. SWEEP AND REMOVE ANY DIRT TRACKED ONTO PUBLIC ROADS BY VEHICLES. ALL NECESSARY STEPS SHOULD BE TAKEN THAT ARE PRACTICAL AND REASONABLE TO MINIMISE DUST POLLUTION FROM THE SITE.
5. CHECK WEATHER REPORT AT WWW.BOM.GOV.AU FOR ANTICIPATED PRECIPITATION.
6. EMPTY TEMPORARY SEDIMENT BASINS P6 AND P7 IF STORM EVEN FORECAST OR IMMINENT.

DUST MANAGEMENT

1. A WATER CART/S OR SUFFICIENT WATER SPRAYS SHALL BE MADE AVAILABLE IN DRY AND WINDY CONDITIONS TO MAINTAIN DUST SUPPRESSION.
2. WATER SHALL BE APPLIED TO SUPPRESS DUST FROM OPEN EARTHWORKS AS WELL AS UNPROTECTED STOCKPILES.
3. STOCKPILES SHALL BE EITHER COVERED OR SEEDED TO PREVENT DUST.
4. AREAS OF COMPLETED EARTHWORKS SHALL BE PROGRESSIVELY REHABILITATED WITH DRYLAND GRASS AND FENCED OFF AS SOON AS PRACTICABLE TO PREVENT FURTHER EROSION.
5. THE CONTRACTOR SHALL CONTACT QCC TO OBTAIN AN EXEMPTION TO USE WATER ON THE SITE.
6. IN THE EVENT OF HIGH WINDS, WHERE DUST CANNOT BE CONTROLLED, WORK SHALL CEASE IMMEDIATELY.

CONTROL OF WASTE

1. ALL BUILDING MATERIAL AND WASTE STOCKPILES MUST BE LOCATED ON SITE. THE WASTE ENCLOSURE IS TO BE USED AND IS TO BE CAPABLE OF HOLDING ALL WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF IN AN APPROPRIATE MANNER.

NOISE POLLUTION

1. ANY NOISY ACTIVITIES, WHICH INCLUDE MATERIAL DELIVERIES AND WORK SITE PREPARATION, IS ONLY PERMITTED BETWEEN THE FOLLOWING HOURS: 7.00am AND 6.00pm MONDAY TO SATURDAY (EXCLUDING PUBLIC HOLIDAYS). AT ALL OTHER TIMES NOISE EMISSION MUST NOT EXCEED THE ZONE NOISE STANDARD.

IMPORT/EXPORT OF SOIL

1. IF SOIL IS TO BE REMOVED FROM OR IMPORTED TO SITE, THE DETAILS OF THE ORIGIN OF THE SOIL IMPORTED OR THE LOCATION WHERE THE SOIL IS TO BE EXPORTED ARE TO BE PROVIDED TO QCC A MINIMUM OF 2 WEEKS IN ADVANCE OF THE WORK.

DESIGN BASIS

1. THE PRINCIPLES OF THIS PLAN ARE BASED ON THE MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION, 4TH EDITION. 2004 GUIDELINES.
2. SEDIMENT BASINS 2 & 3 ARE DESIGNED TO CAPTURE THE 10 YEAR ARI RUNOFF.
3. THE DIVERSION DRAIN ARE SIZED TO DIVERT 100 YEAR ARI FLOWS.
4. TEMPORARY SEDIMENT BASINS P6 AND P7 ARE DESIGNED FOR 1 IN 3 MONTH STORM.

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
	NPB	EH	[signature]	[signature]	3/07/2015	
AMENDMENTS						

WAE No. ....

PROJECT No. ....

A3 PLOT SCALE (METRES) A1 PLOT

CONSULT AUSTRALIA

Quality Endorsed Company ISO 9001 Lic 4084

The Village Building Co.

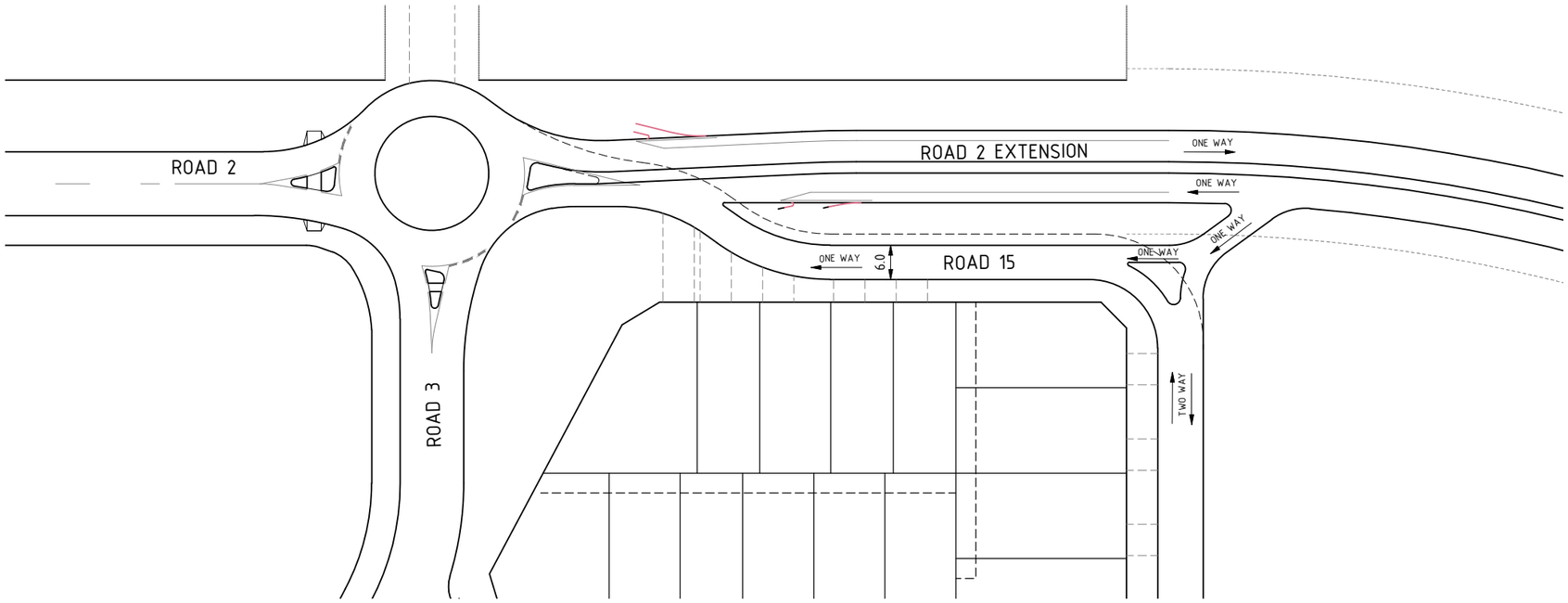
SOUTH TRALEE ESTATE - STAGE 1
DEVELOPMENT APPLICATION

©2015
calibre CONSULTING
www.calibreconsulting.co

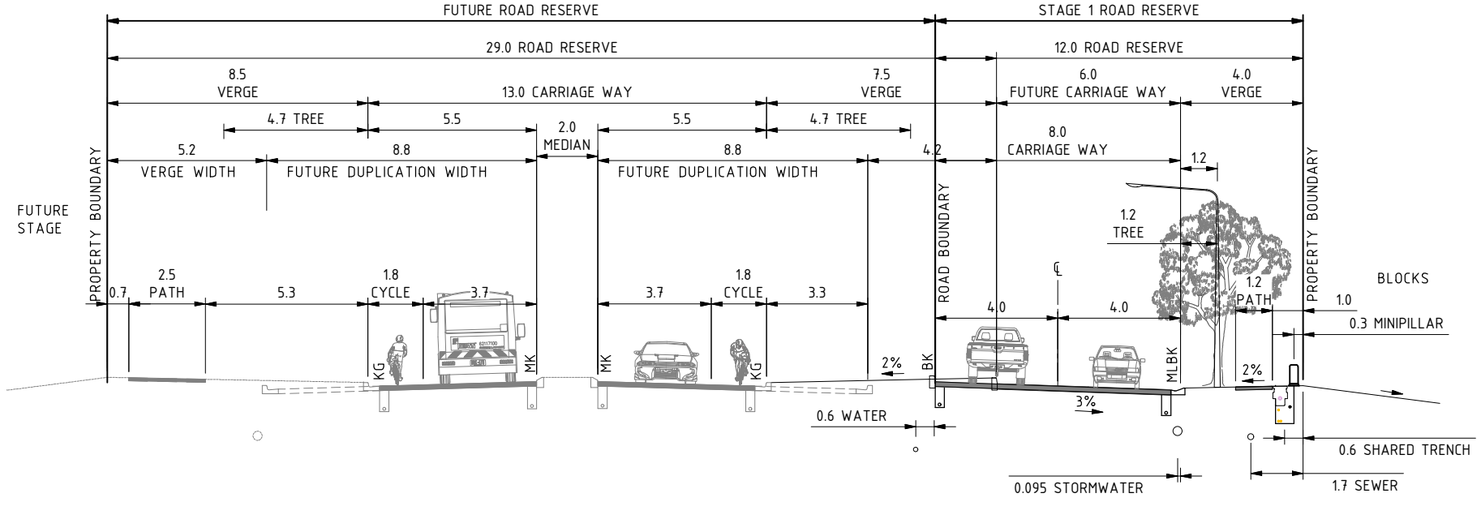
DRAWING TITLE
SOIL, WATER AND VEGETATION MANAGEMENT NOTES

DRAWING NUMBER
C13085.1-D252+

AMEND.



PLAN
SCALE 1:500



SECTION 3 - WIDE EDGE STREET
40km/h
(PART ROAD 15)
SCALE 1:100

1:200 1 0 1 2 3 4 5 1:100
1:1000 10 5 0 10 20 1:500
@A3 @A1

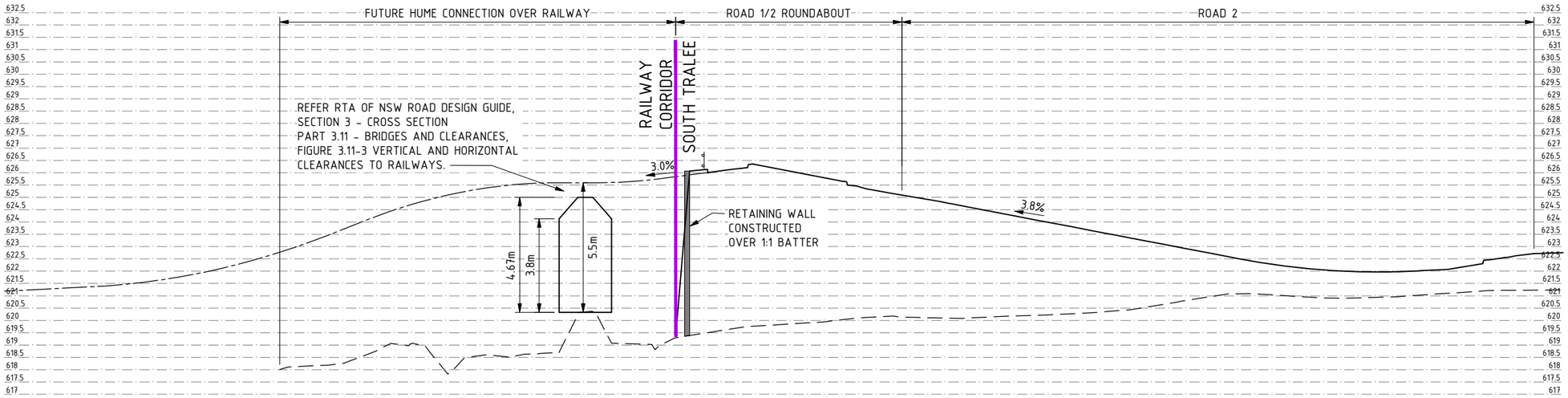
©2015

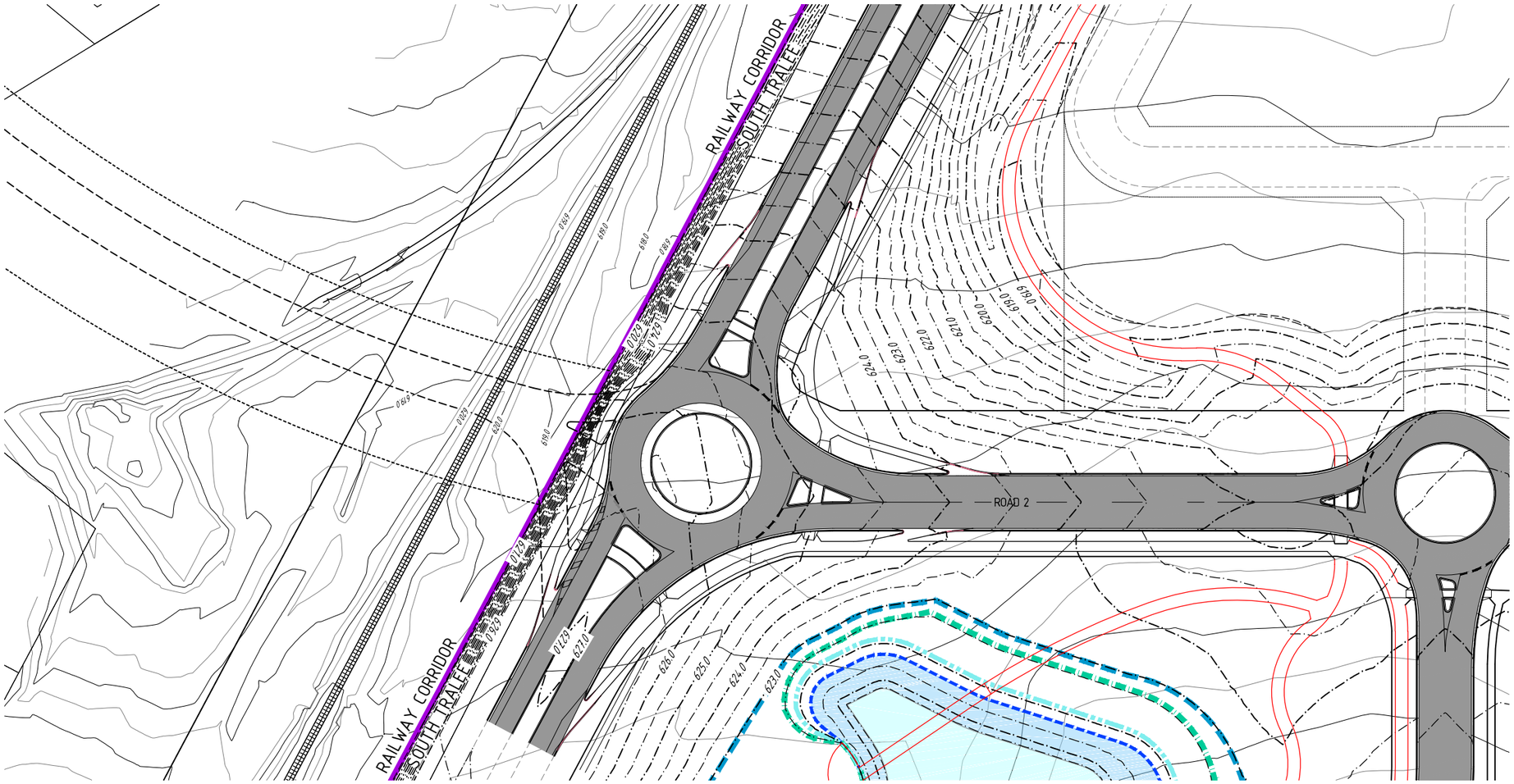
calibre CONSULTING
www.calibreconsulting.co

SOUTH TRALEE - SUBDIVISION
STAGE 1 - DA SUBMISSION

ROAD 15 - ULTIMATE ARRANGEMENT
For Discussion Purposes Only
C13085.1□SK010

Xref's: X-BLOCK_EX:C13085.1 X-BLOCK:C13085.1 X-KERB_EX:C13085.1 X-KERB:C13085.2 X-ROAD HATCH:C13085.2 X-RDNAME:C13085.2
FILE: N:\C13000\C13085\drawing\C13085.1 DA\Sketches\C13085.1#SK005.dwg 21st-Dec-2015 10:40AM USER: Wendy Candish





1:1000 10 5 0 10 20 1:500 HOR

1:200 1 0 1 2 3 4 5 1:100 VER

@ A3 @ A1

©2015

calibre CONSULTING
www.calibreconsulting.co

SOUTH TRALEE - SUBDIVISION
STAGE 1 - DA SUBMISSION

SECTION THROUGH ROAD 1/2 ROUNDABOUT
For Discussion Purposes Only
C13085.1□SK005+

Xref's: X-BLOCK_EX-C13085.1 X-BLOCK-C13085.1 X-KERB_EX-C13085.1 X-KERB-C13085.2 X-ROAD HATCH-C13085.2 X-RDNAME-C13085.2
FILE: H:\C13000\C13085\Drawing\C13085.1DA\Sketches\C13085.1#SK005.dwg 26th-Dec-2015 10:40AM USER: Wendy Candish