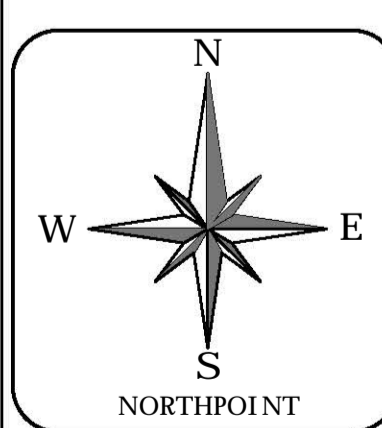


Aboriginal Sites
LEGEND

- 56-1-48 PREVIOUSLY RECORDED SITE ON NPS DATABASE
- L-ST-1 NEW RECORDING
- PAD



CONSERVATION PLAN

| No. | DATE | AMENDMENTS | BY |
|-----|------------|---------------------|----|
| A | 17/04/2012 | ISSUED FOR APPROVAL | BS |
| | | | |
| | | | |
| | | | |

I HEREBY CERTIFY THAT ENGINEERING WORKS AS SHOWN ON THIS PLAN ARE WORK AS EXECUTED AND HAVE BEEN CONSTRUCTED GENERALLY IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE DIRECTOR. IN ACCORDANCE WITH THE GENERAL REQUIREMENTS OF THE LOCAL COUNCIL.

NAME: Michael J. McFeeters
SIGNATURE
CAPACITY: Director
DATE:

MJM
CONSULTING ENGINEERS
STRUCTURAL • CIVIL • BUILDING DESIGN

LEVEL 1, 25 TOMPSON STREET
WAGGA WAGGA NSW 2650
Telephone (02) 69 218 333
Facsimile (02) 69 218 179
E-mail admin@mjm-solutions.com
A.C.N. 107 158 350 A.B.N. 16 107 158 350
BOWTORT P/L TRADING AS MJM SOLUTIONS

PROJECT
LLOYD URBAN RELEASE AREA

SHEET SUBJECT
CONSERVATION PLAN

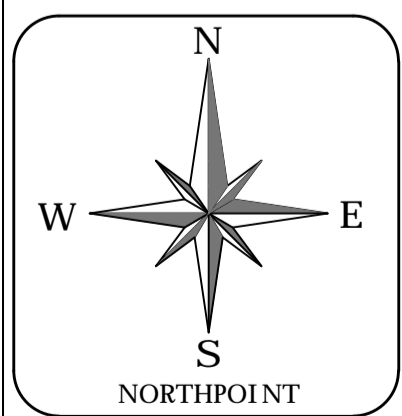
CLIENT
EHKUK/HUDSON LAND GROUP

| | |
|------------------------------|---------------------------------|
| DESIGNED M.McFeeters | SCALE 1:5000(A1) 1:10000(A3) |
| CHECKED C. Butt | DATE Apr 2012 |
| COUNCIL REF. | ISSUE A |
| PROJECT NO. 070081 | SHEET NO. CN1 |
| JOB LOCATION: Z:/Jobs/070081 | |



PIEZOMETER LOCATION PLAN

P1
- PIEZOMETER LOCATION & NUMBER



| No. | DATE | AMENDMENTS | BY |
|-----|------------|---------------------|----|
| A | 17/04/2012 | ISSUED FOR APPROVAL | BS |
| B | 03/07/12 | STAGE 3 AND 4 ADDED | MM |
| | | | |
| | | | |

I HEREBY CERTIFY THAT ENGINEERING WORKS AS SHOWN ON THIS PLAN ARE WORK AS EXECUTED AND HAVE BEEN CONSTRUCTED GENERALLY IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE DIRECTOR. IN ACCORDANCE WITH THE GENERAL REQUIREMENTS OF THE LOCAL COUNCIL.

NAME: Michael J. McFeeters
SIGNATURE
CAPACITY: Director
DATE:

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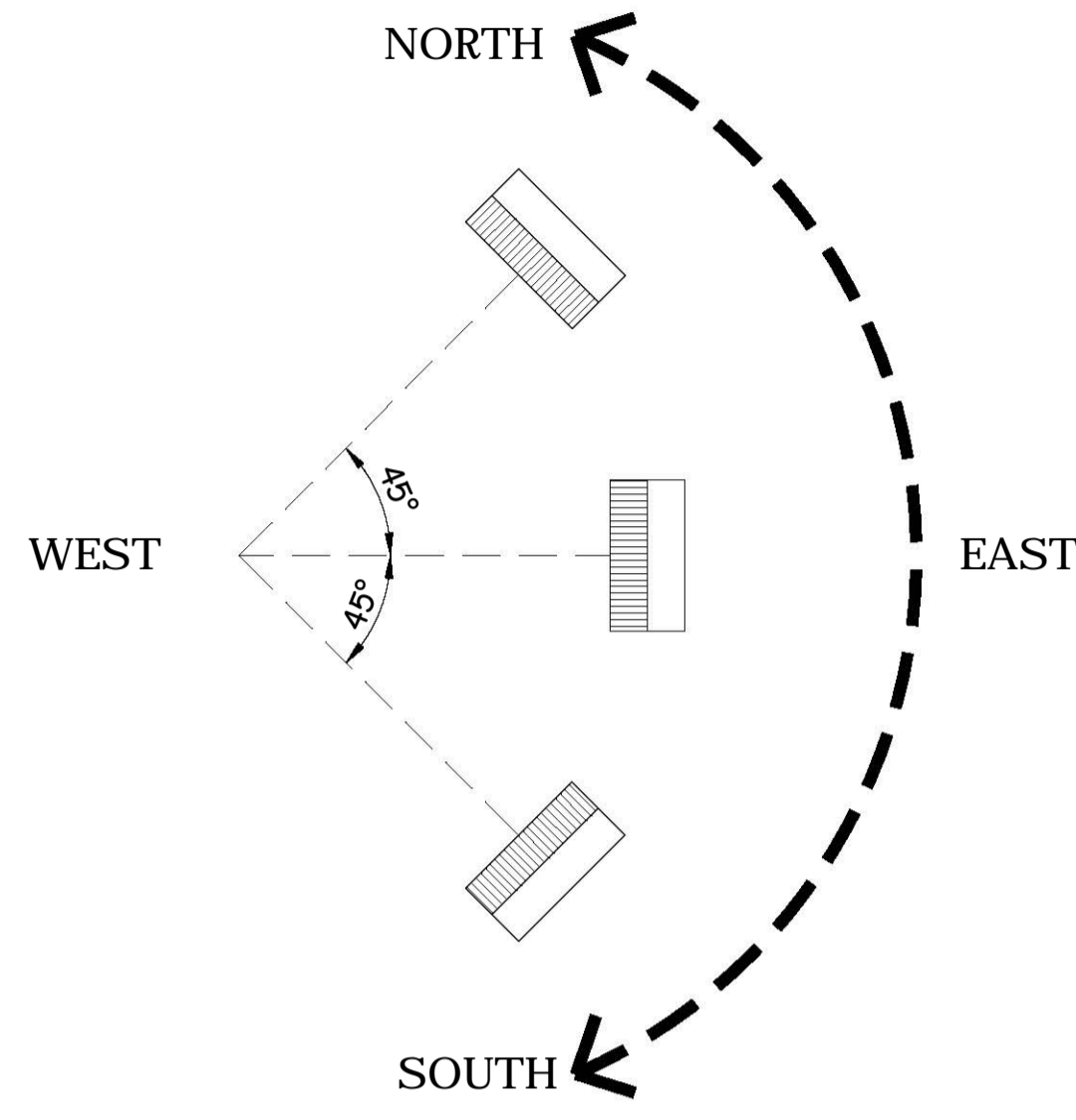
PROJECT
LLOYD URBAN RELEASE AREA

SHEET SUBJECT
PIEZOMETER LOCATION PLAN

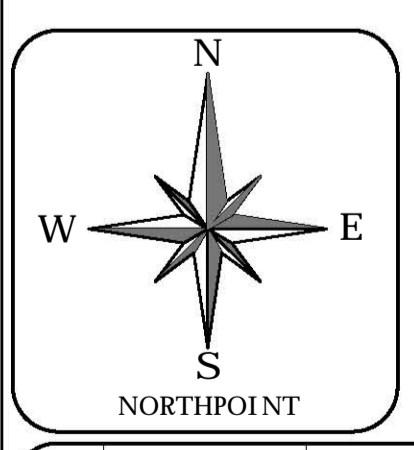
CLIENT
EHKUK/HUDSON LAND GROUP

| | |
|-------------------------|---------------------------------|
| DESIGNED M.McFeeters | SCALE 1:5000(A1) 1:10000(A3) |
| CHECKED C. Butt | DATE Apr 2012 |
| COUNCIL REF. B | PROJECT NO. 070081 |
| | SHEET NO. P1 |

JOB LOCATION: Z:/Jobs/070081



LEGEND:
 - INDICATES BLOCKS WITH LONG AXIS WITHIN 45° OF EAST-WEST
50% OF TOTAL ALLOTMENTS



| No. | DATE | AMENDMENTS | BY |
|-----|------------|---------------------|----|
| A | 17/04/2012 | ISSUED FOR APPROVAL | CB |
| | | | |
| | | | |
| | | | |

I HEREBY CERTIFY THAT ENGINEERING WORKS AS SHOWN ON THIS PLAN ARE WORK AS EXECUTED AND HAVE BEEN CONSTRUCTED GENERALLY IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE DIRECTOR. IN ACCORDANCE WITH THE GENERAL REQUIREMENTS OF THE LOCAL COUNCIL.

NAME: Michael J. McFeeters
 SIGNATURE
 CAPACITY: Director
 DATE:

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 BOWTORT P/L TRADING AS MJM SOLUTIONS

PROJECT
LLOYD URBAN RELEASE AREA

SHEET SUBJECT
SOLAR ORIENTATION PLAN

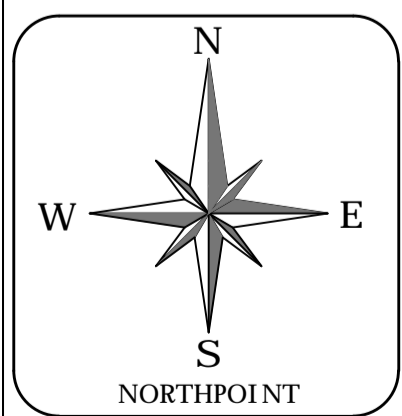
CLIENT
EHKUK/HUDSON LAND GROUP

| | | | |
|------------------------------|---------------------------------|-----------------------|------------------|
| DESIGNED M.McFeeters | SCALE 1:5000(A1) 1:10000(A3) | | |
| CHECKED | DRAWN C. Butt | DATE Apr 2012 | |
| COUNCIL REF. | ISSUE A | PROJECT NO. 070081 | SHEET NO. SO1 |
| JOB LOCATION: Z:/Jobs/070081 | | | |



FOOTPATH PLAN

- INDICATES ROAD WITH FOOTPATH ON ONE SIDE



| No. | DATE | AMENDMENTS | BY |
|-----|------------|---------------------|----|
| A | 17/04/2012 | ISSUED FOR APPROVAL | BS |
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 CAPACITY: Director
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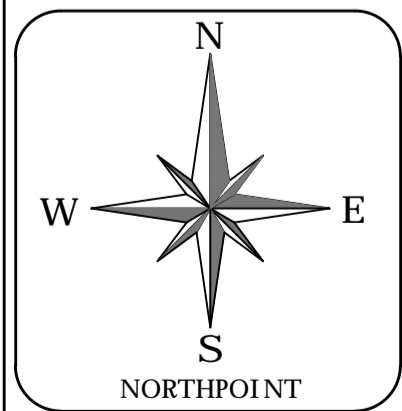
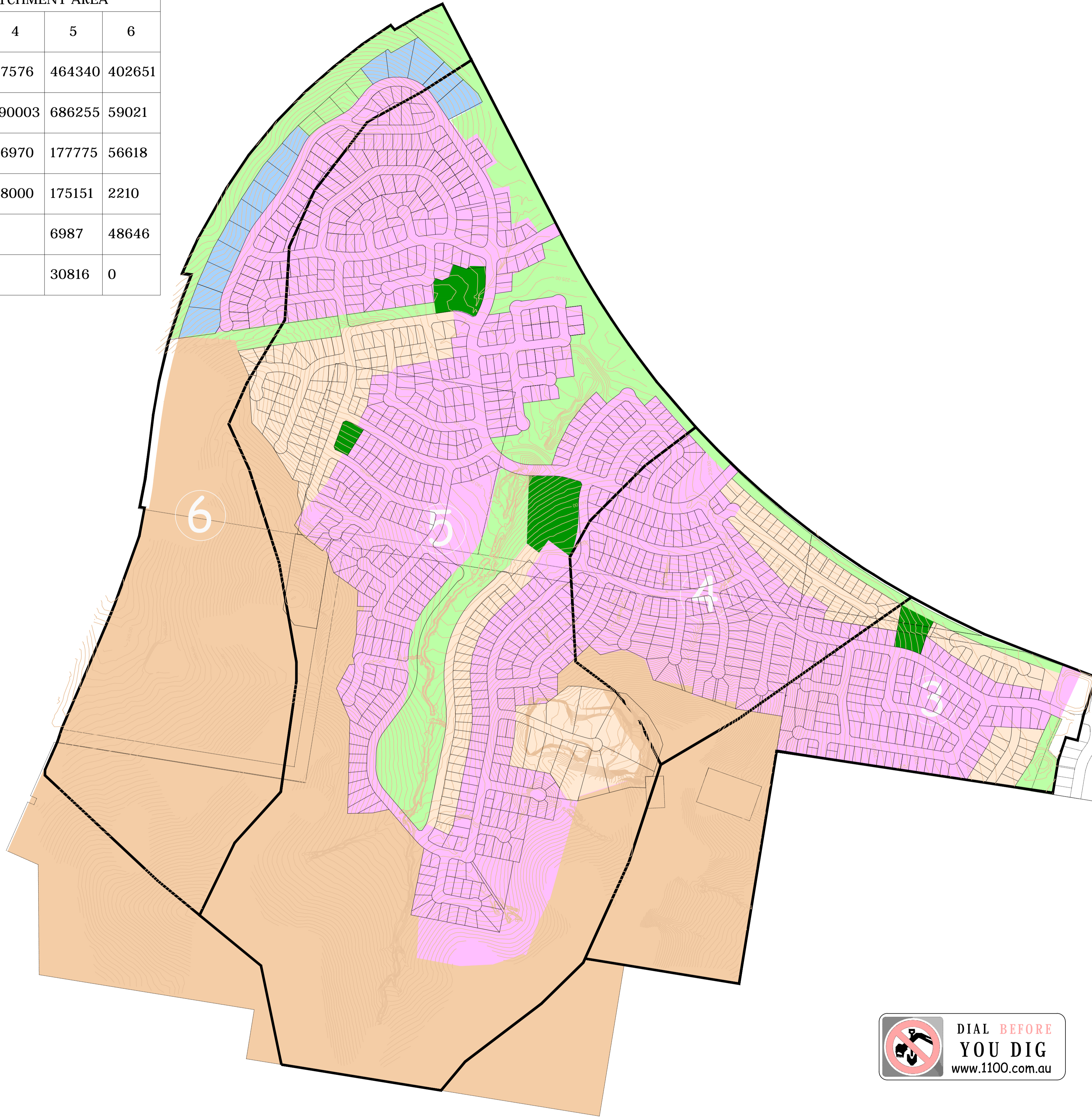
PROJECT
 LLOYD URBAN RELEASE
 AREA

SHEET SUBJECT
 FOOTPATH PLAN
 CLIENT
 EHKUK/HUDSON LAND GROUP

| | |
|------------------------------|---------------------------------|
| DESIGNED M.McFeeters | SCALE 1:5000(A1) 1:10000(A3) |
| CHECKED C. Butt | DATE Apr 2012 |
| COUNCIL REF. | ISSUE A |
| PROJECT NO. 070081 | SHEET NO. F1 |
| JOB LOCATION: Z:/Jobs/070081 | |

| | CATCHMENT AREA | | | |
|---------------------------------|----------------|--------|--------|--------|
| | 3 | 4 | 5 | 6 |
| - WOODLAND OFFSET AREA | 160806 | 37576 | 464340 | 402651 |
| - STAGES 1 & 2 RESIDENTIAL AREA | 140457 | 190003 | 686255 | 59021 |
| - REVEGETATED PASSIVE PARK AREA | 15360 | 26970 | 177775 | 56618 |
| - STAGES 3 & 4 | 32827 | 28000 | 175151 | 2210 |
| - LARGE LOT AREA | 0 | 0 | 6987 | 48646 |
| - ACTIVE PARK AREA | 5677 | 0 | 30816 | 0 |

NOTE:
ALL IRRIGATED PARK
TO BE MOISTURE
DEFICIT WATERED



| No. | DATE | AMENDMENTS | BY |
|-----|------------|---------------------|----|
| A | 17/04/2012 | ISSUED FOR APPROVAL | CB |
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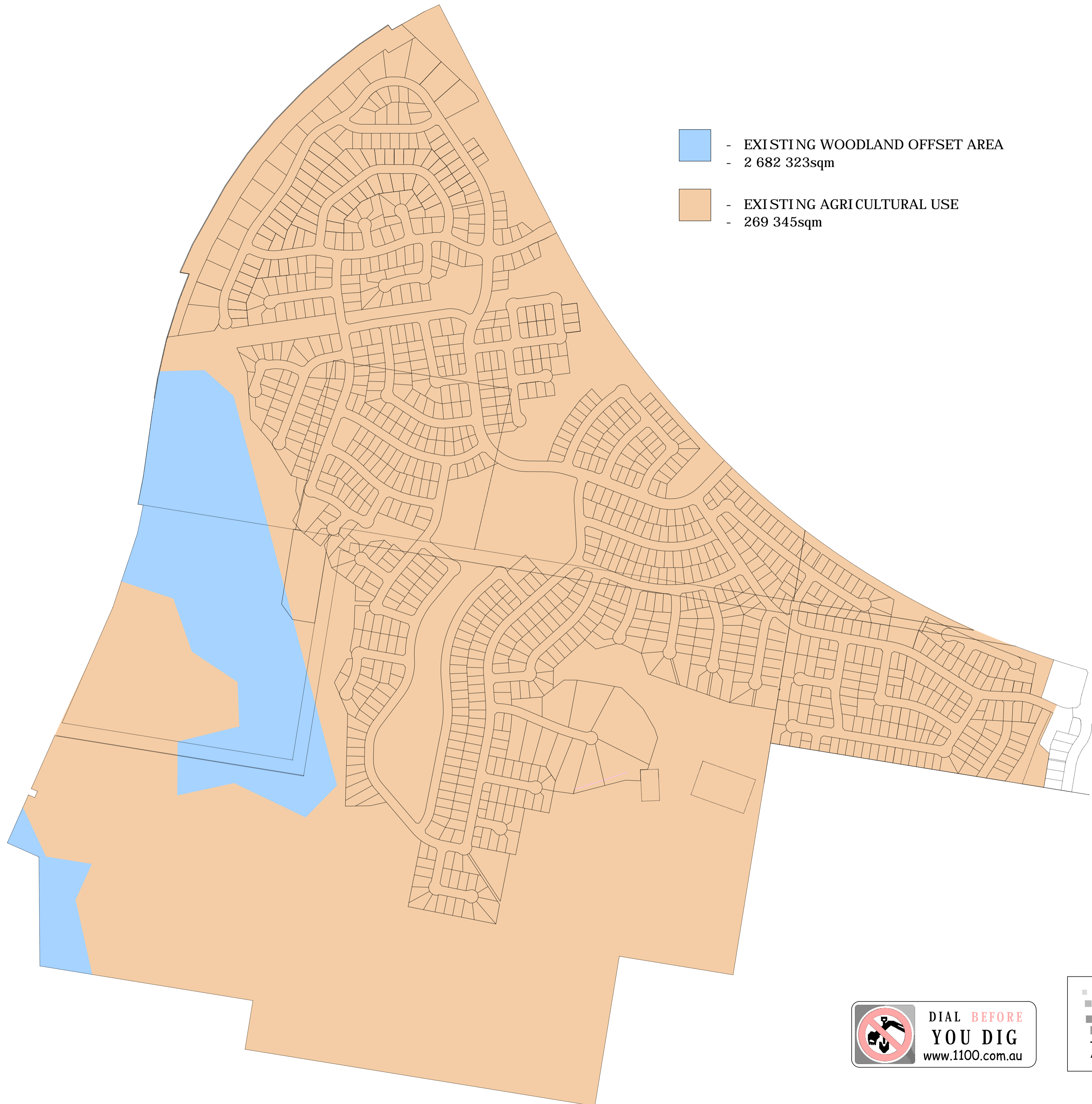
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WAGGA WAGGA NSW 2650
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A.C.N. 107 158 350 A.B.N. 16 107 158 350
BOWTORT P/L TRADING AS MJM CONSULTING ENGINEERS

PROJECT
LLOYD URBAN RELEASE
AREA

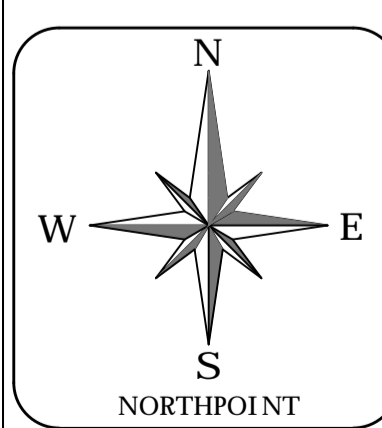
SHEET SUBJECT
SALINITY STUDY PLAN

CLIENT
EHKUK/HUDSON LAND GROUP

| | |
|------------------------------|---------------------------------|
| DESIGNED M.McFeeters | SCALE 1:5000(A1) 1:10000(A3) |
| CHECKED C. Butt | DATE Apr 2012 |
| COUNCIL REF. | ISSUE A |
| PROJECT NO. 070081 | SHEET NO. SL1 |
| JOB LOCATION: Z:/Jobs/070081 | |



- EXISTING WOODLAND OFFSET AREA
- 2 682 323sqm
- EXISTING AGRICULTURAL USE
- 269 345sqm



| No. | DATE | AMENDMENTS | BY |
|-----|------------|---------------------|----|
| A | 07/04/2012 | ISSUED FOR APPROVAL | CB |
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SIGNATURE
CAPACITY: Director
DATE:

MJM

CONSULTING ENGINEERS
STRUCTURAL • CIVIL • BUILDING DESIGN

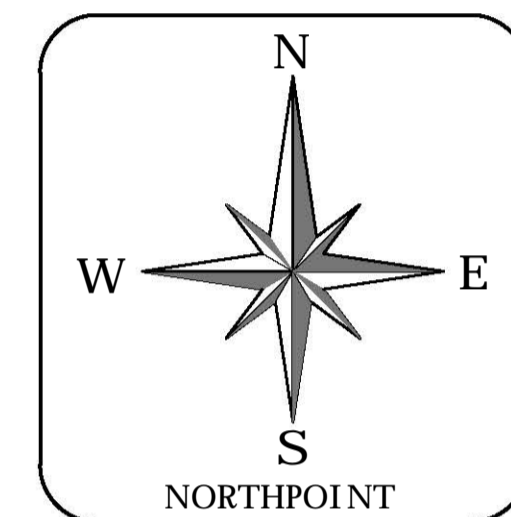
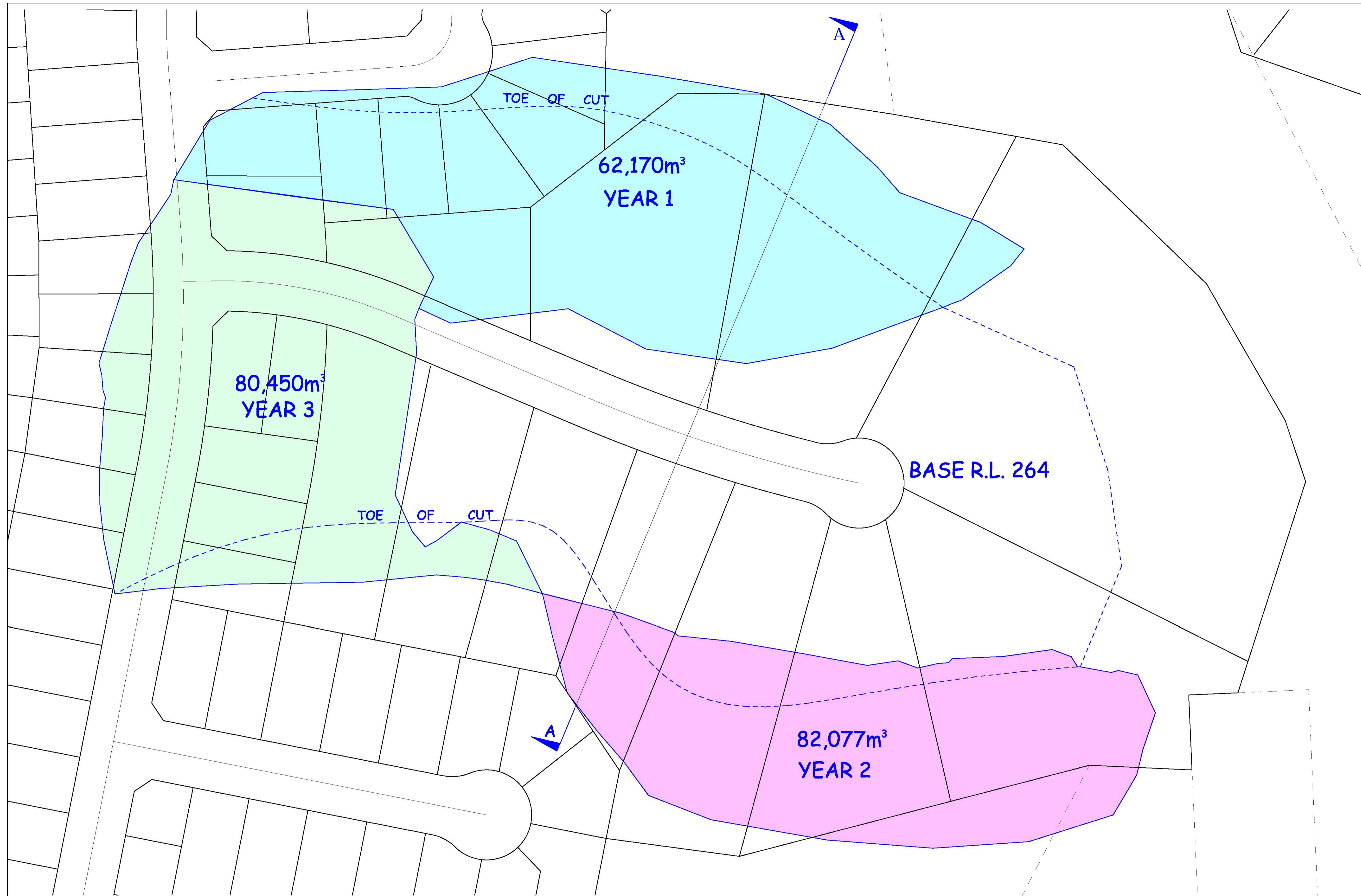
LEVEL 1, 25 TOMPSON STREET
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E-mail admin@mjm-solutions.com
A.C.N. 107 158 350 A.B.N. 16 107 158 350
BOWTORT P/L TRADING AS MJM CONSULTING ENGINEERS

PROJECT
LLOYD URBAN RELEASE AREA

SHEET SUBJECT
EXISTING INFILTRATION PLAN

CLIENT
EHKUK/HUDSON LAND GROUP

| | | | |
|------------------------------|---------------------------------|-----------------------|------------------|
| DESIGNED M.McFeeters | SCALE 1:5000(A1) 1:10000(A3) | | |
| CHECKED C. Butt | DRAWN C. Butt | DATE Apr 2012 | |
| COUNCIL REF. | ISSUE A | PROJECT NO. 070081 | SHEET NO. IP1 |
| JOB LOCATION: Z:/Jobs/070081 | | | |



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 A.C.N. 107 158 350 A.B.N. 16 107 158 350
 BOWTORT P/L TRADING AS MJM SOLUTIONS

| No. | DATE | AMENDMENTS | BY |
|-----|------------|-----------------------|----|
| A | 17/04/2012 | PRELIMINARY | CB |
| B | 31/08/2012 | QUARRY LAYOUT AMENDED | CB |
| | | | |
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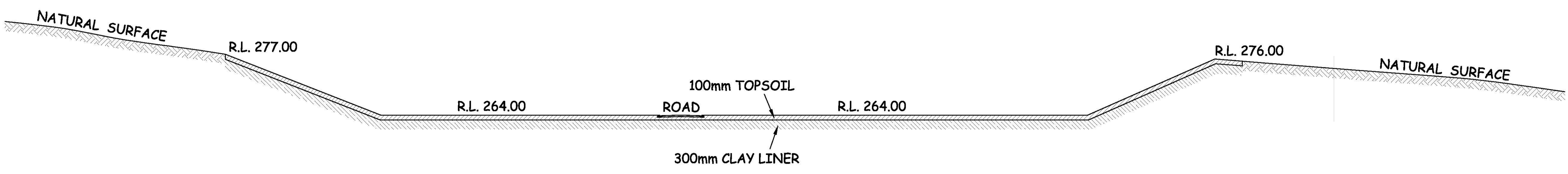
PROJECT
LLOYD URBAN RELEASE AREA

SHEET SUBJECT
QUARRY DEVELOPMENT PLAN

CLIENT
EHKUK/HUDSON LAND GROUP

| | | | |
|------------------------------|--------------------------------|-----------------------|-----------------|
| DESIGNED M.McFeeters | SCALE 1:4000(A1) 1:8000(A3) | | |
| CHECKED | DRAWN C. Butt | DATE Apr 2012 | |
| COUNCIL REF. | ISSUE B | PROJECT NO. 070081 | SHEET NO. Q1 |
| JOB LOCATION: C:/Jobs/070081 | | | |

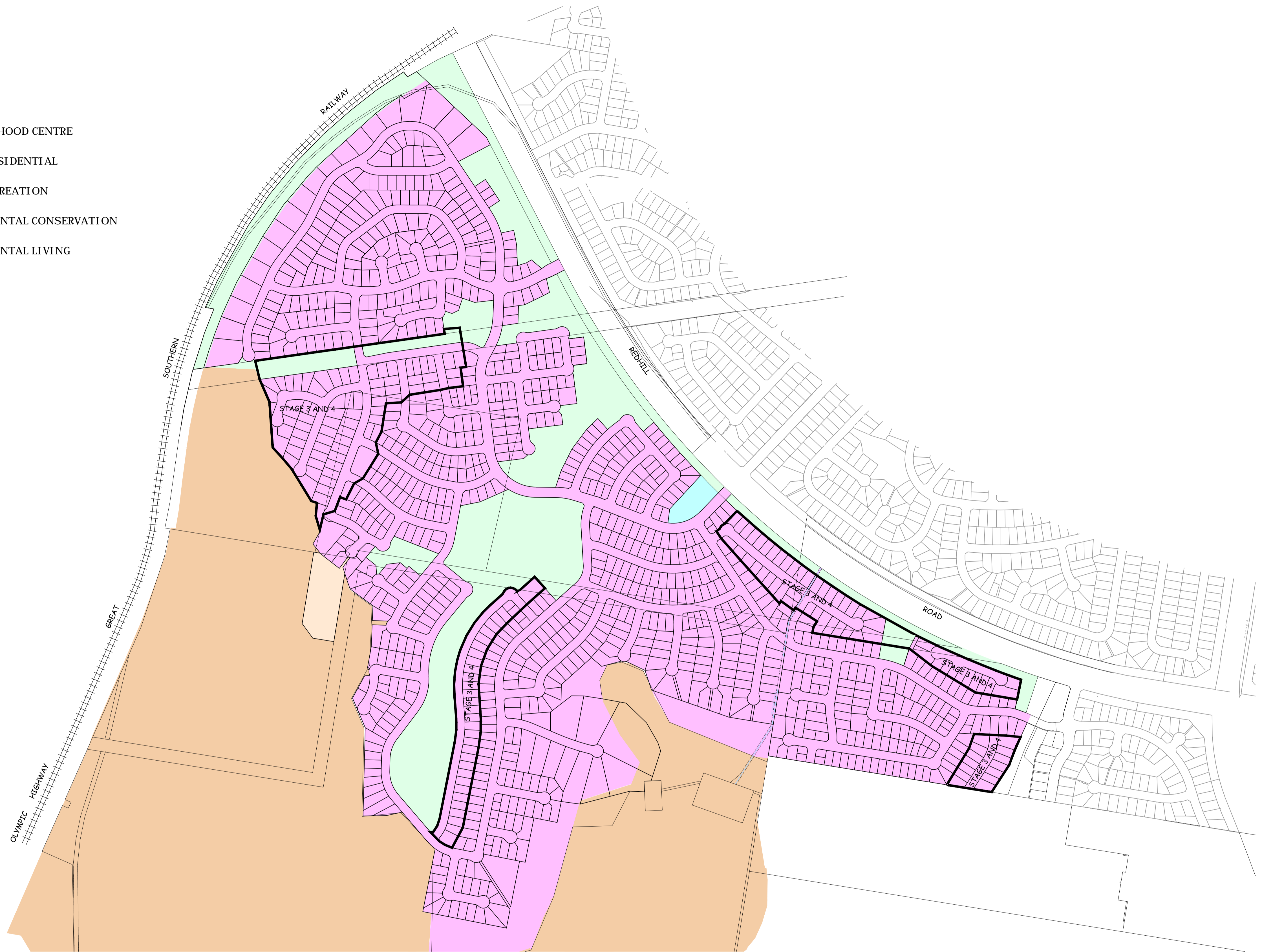
PLAN
 SCALE 1:750 (A1)



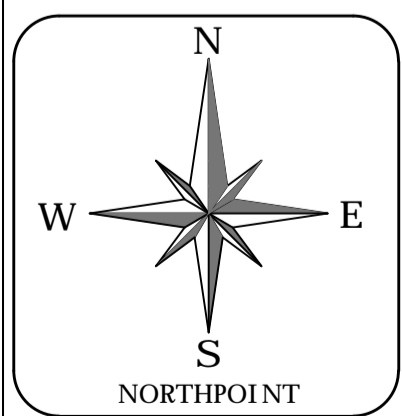
SECTION A-A
 SCALE 1:500 (A1)

LEGEND:

- B1 - NEIGHBOURHOOD CENTRE
- R1 - GENERAL RESIDENTIAL
- RE1 - PUBLIC RECREATION
- E2 - ENVIRONMENTAL CONSERVATION
- E4 - ENVIRONMENTAL LIVING



LAND USE PLAN



| No. | DATE | AMENDMENTS | BY |
|-----|------------|---------------------|----|
| A | 17/04/2012 | ISSUED FOR APPROVAL | BS |
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NAME: Michael J. McFeeters
 SIGNATURE
 CAPACITY: Director
 DATE:

CONSULTING ENGINEERS
 STRUCTURAL • CIVIL • BUILDING DESIGN

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 WAGGA WAGGA NSW 2650
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PROJECT
LLOYD URBAN RELEASE AREA

SHEET SUBJECT
LAND USE PLAN

CLIENT
EHKUK/HUDSON LAND GROUP

| | | | |
|------------------------------|---------------------------------|-----------------------|------------------|
| DESIGNED M.McFeeters | SCALE 1:5000(A1) 1:10000(A3) | | |
| CHECKED C. Butt | DRAWN C. Butt | DATE Apr 2012 | |
| COUNCIL REF. | ISSUE A | PROJECT NO. 070081 | SHEET NO. LU1 |
| JOB LOCATION: Z:/Jobs/070081 | | | |

Appendix 4 – Plans of eastern development area of Lloyd

- Bus route, footpath, cycleway and walkway plan
- Drainage plan
- Open space and drainage plan
- Piezometer placement plan
- Road hierarchy plan
- Sewer strategy plan
- Development staging plan
- Neighbourhood plan

**DIOCESE
OF WAGGA WAGGA
LLOYD STAGE 5, 6 & 7**

BUS ROUTE, FOOTPATH,
CYCLEWAY & WALKWAY



**SURVEYORS CIVIL ENGINEER
DEVELOPMENT CONSULTANT**

598 Maccauley Street, Albury
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64 Hammond Avenue, Wagga Wagga
p: (02) 6921-3312
31 Baker St, Wangaratta
p: (03) 5721-5688
f: (02) 6021-8563
w: www.eslers.com.au
e: engineering@eslers.com.au

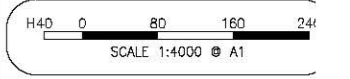


| AMENDMENTS/ACTIONS:- | DATE |
|-------------------------|--------|
| 1. DA ISSUE, A. NEWLAND | 29/05/ |
| 2. DA ISSUE, A. NEWLAND | 31/05/ |
| 3. DA ISSUE, A. NEWLAND | 01/06/ |
| 4. DA ISSUE, A. NEWLAND | 03/07/ |
| 5. | |
| 6. | |
| 7. | |
| 8. | |
| 9. | |



LEGEND:

- FOOTPATHS & WALKWAY
- BUS ROUTES
- E2, ENVIROMENTAL ZONE
- RU1, PRIMARY RESIDENTIAL ZONE
- RE1, OPEN SPACE 3.8 HECTARES
- EA SYSTEMS AREA, STAGES 3 & 4



NOTE: AREAS & DIMENSIONS ARE APPROXIMATE & SUBJECT TO SURVEY

CHECKED: -

APPROVED: -

| | | |
|-------------------------|-----------------------|-------------------|
| DATUM: A.H.D | DRAWN: S.R. / T.R. | DATE: MAY-2012 |
| PROJECT No: 00016589 | | REV: C |
| SHEET 2 | OF 8 | A |

**DIOCESE
OF WAGGA WAGGA
LLOYD STAGE 5, 6 & 7**

**DRAINAGE
SUB-CATCHMENTS**

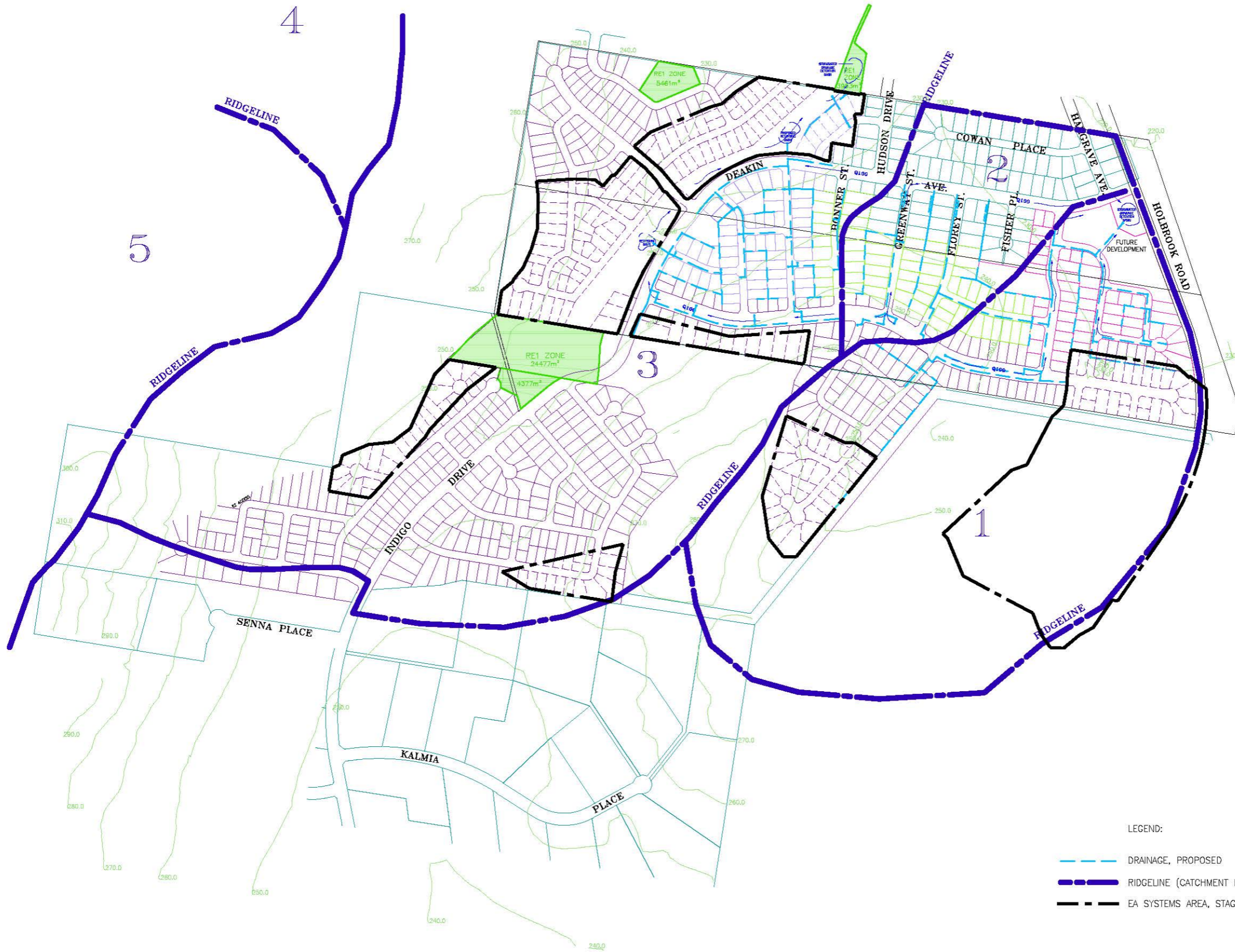


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DEVELOPMENT CONSULTANT

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| 4. DA ISSUE, A. NEWLAND | 03/07/ |
| 5. | |
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| 8. | |
| 9. | |



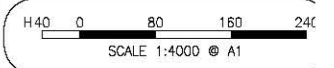
LEGEND:

- DRAINAGE, PROPOSED
- RIDGELINE (CATCHMENT BOUNDARY)
- EA SYSTEMS AREA, STAGES 3 & 4

NOTE:

STORMWATER DRAINAGE AND DETENTION BASINS TO BE DESIGNED IN ACCORDANCE WITH COUNCIL ENGINEERING GUIDELINES AND EASYSYSTEMS *SALINITY RISK AND MITIGATION ASSESSMENT, LLOYD SUBDIVISION, WAGGA WAGGA, NSW*

NOTE: AREAS & DIMENSIONS ARE APPROXIMATE & SUBJECT TO SURVEY



CHECKED:--

APPROVED:--

| | | |
|-------------------------|-----------------------|-------------------|
| DATUM: A.H.D | DRAWN: S.R. / T.R. | DATE: MAY-2012 |
| PROJECT No: 00016589 | | REV: C |
| SHEET 5 | OF 8 | A |

**DIOCESE
OF WAGGA WAGGA
LLOYD STAGE 5, 6 & 7**

**OPEN SPACE
& DRAINAGE PLAN**

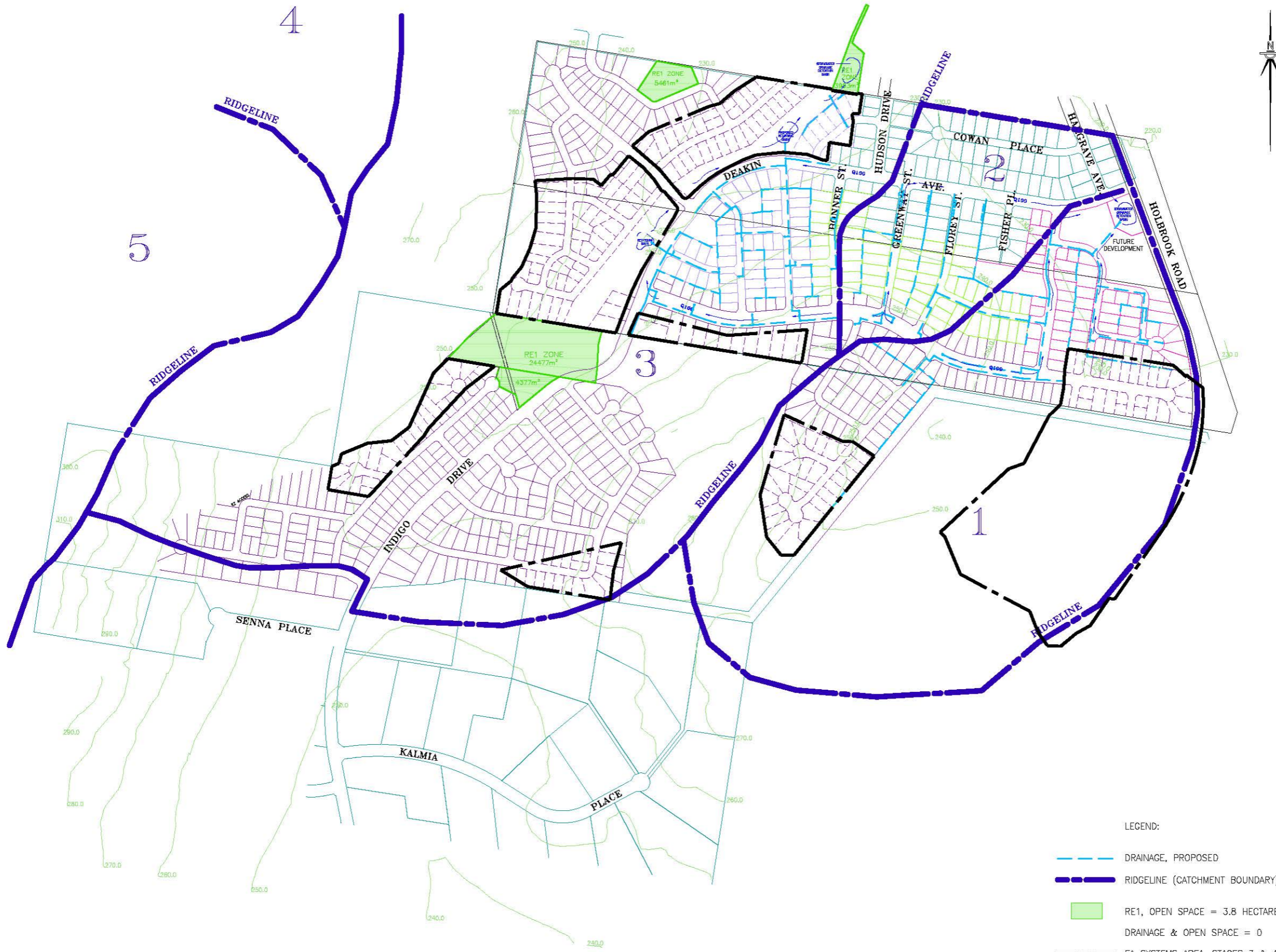


SURVEYORS CIVIL ENGINEER
DEVELOPMENT CONSULTANT

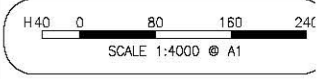
598 Macauley Street, Albury
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| 3. DA ISSUE, A. NEWLAND | 01/06/ |
| 4. DA ISSUE, A. NEWLAND | 03/07/ |
| 5. | |
| 6. | |
| 7. | |
| 8. | |
| 9. | |



- LEGEND:
- DRAINAGE, PROPOSED
 - - - - RIDGELINE (CATCHMENT BOUNDARY)
 - RE1, OPEN SPACE = 3.8 HECTARES
 - DRAINAGE & OPEN SPACE = 0
 - EA SYSTEMS AREA, STAGES 3 & 4



NOTE:
STORMWATER DRAINAGE AND DETENTION BASINS TO BE DESIGNED IN ACCORDANCE WITH COUNCIL ENGINEERING GUIDELINES AND EASYSTEMS *SALINITY RISK AND MITIGATION ASSESSMENT, LLOYD SUBDIVISION, WAGGA WAGGA, NSW*

NOTE: AREAS & DIMENSIONS ARE APPROXIMATE & SUBJECT TO SURVEY

CHECKED: -

APPROVED: -

| | | |
|-------------------------|-----------------------|-------------------|
| DATUM: A.H.D | DRAWN: S.R. / T.R. | DATE: MAY-2012 |
| PROJECT No: 00016589 | | REV: C |
| SHEET 4 | OF 8 | A |



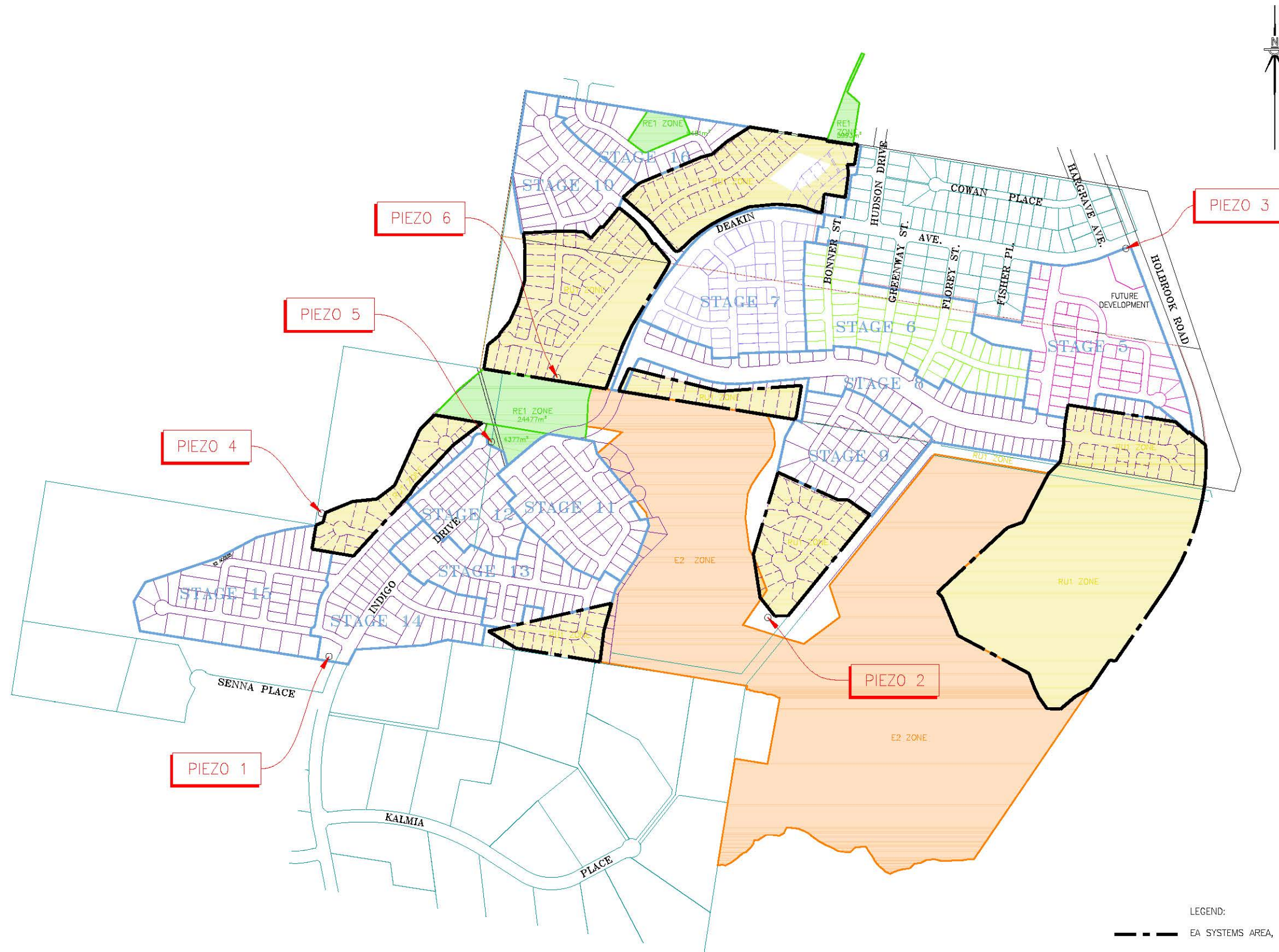
**SURVEYORS CIVIL ENGINEERS
DEVELOPMENT CONSULTANTS**

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w: www.eslers.com.au
e: engineering@eslers.com.au



FS520879

| AMENDMENTS/ACTIONS:- | DATE: |
|-----------------------------|----------|
| 1. DA ISSUE, A. NEWLAND | 29/05/12 |
| 2. DA ISSUE, A. NEWLAND | 31/05/12 |
| 3. DA ISSUE, A. NEWLAND | 01/06/12 |
| 4. DA ISSUE, A. NEWLAND | 03/07/12 |
| 5. WAE PIEZOMETER LOCATIONS | 24/10/12 |
| 6. | |
| 7. | |
| 8. | |
| 9. | |



**WORK AS EXECUTED PIEZOMETER LOCATIONS
PLAN UPDATED 24/10/2012**

LEGEND:
 - - - - EA SYSTEMS AREA, STAGES 3 & 4

NOTE:
 LOCATIONS OF PIEZOMETERS
 AS RECOMMENDED BY
 EnviroAg Australia Pty Ltd.

CHECKED:-

APPROVED:-

| | | |
|-------------------------|-----------------------|-------------------|
| DATUM: A.H.D | DRAWN: S.R. / T.R. | DATE: MAY-2012 |
| PROJECT No: 00016589 | | REV: D |
| SHEET 7 | | OF 8 A1 |

**DIocese
OF WAGGA WAGGA
LLOYD STAGE 5, 6 & 7**

ROAD HIERARCHY PLAN



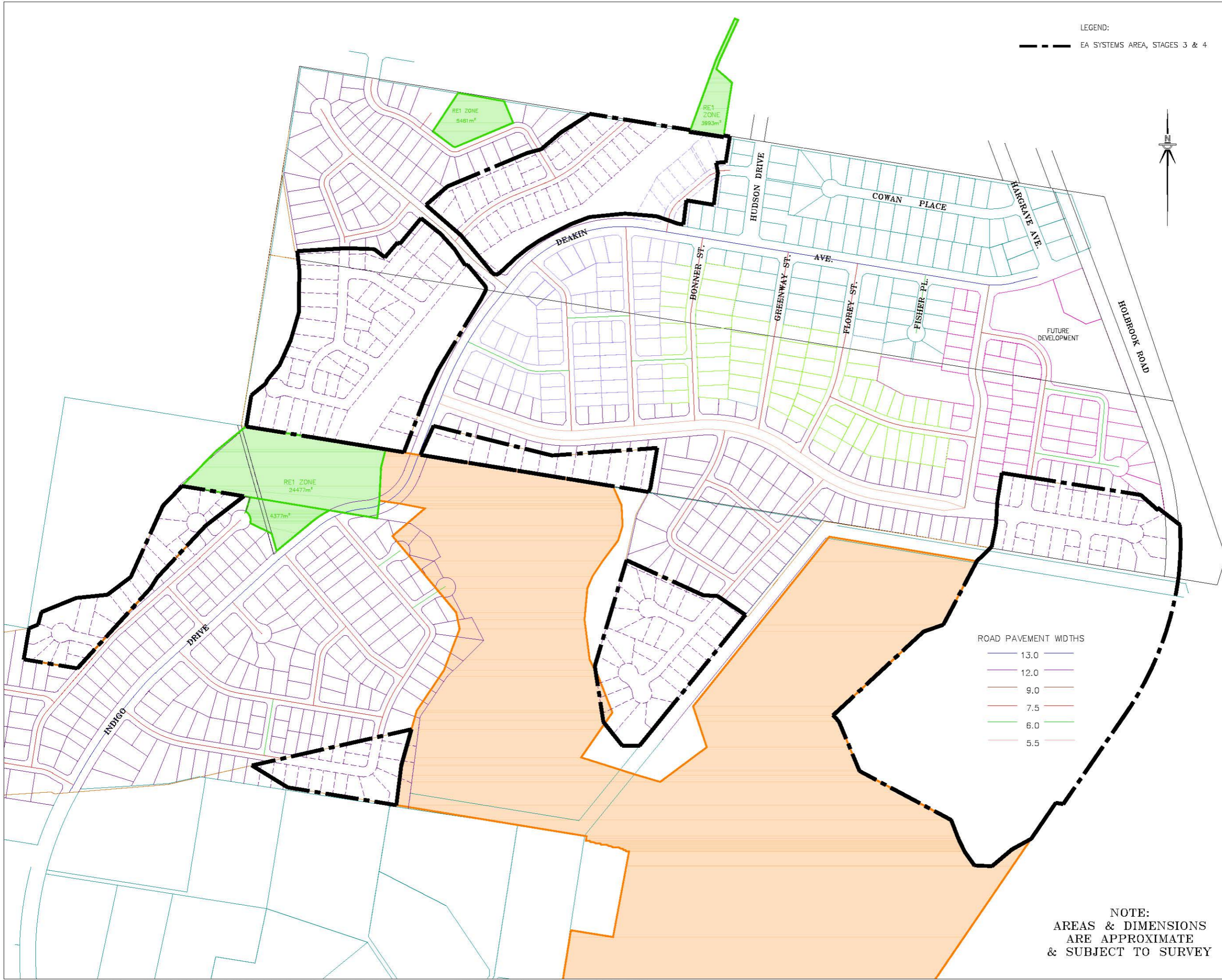
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p: (02) 6921-3312
31 Baker St, Wangaratta
p: (03) 5721-5688
f: (02) 6021-8563
w: www.eslers.com.au
e: engineering@eslers.com.au



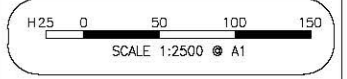
| AMENDMENTS/ACTIONS:- | DATE: |
|-------------------------|----------|
| 1. DA ISSUE, A. NEWLAND | 29/05/12 |
| 2. DA ISSUE, A. NEWLAND | 31/05/12 |
| 3. DA ISSUE, A. NEWLAND | 01/06/12 |
| 4. DA ISSUE, A. NEWLAND | 03/07/12 |
| 5. | |
| 6. | |
| 7. | |
| 8. | |
| 9. | |

LEGEND:
- - - EA SYSTEMS AREA, STAGES 3 & 4



ROAD PAVEMENT WIDTHS

| | |
|------|------|
| 13.0 | 13.0 |
| 12.0 | 12.0 |
| 9.0 | 9.0 |
| 7.5 | 7.5 |
| 6.0 | 6.0 |
| 5.5 | 5.5 |



**NOTE:
AREAS & DIMENSIONS
ARE APPROXIMATE
& SUBJECT TO SURVEY**

CHECKED:-

APPROVED:-

| | | |
|-------------------------|-----------------------|-------------------|
| DATUM: A.H.D | DRAWN: S.R. / T.R. | DATE: MAY-2012 |
| PROJECT No: 00016589 | | REV: C |
| SHEET 3 | OF 8 | A1 |

**DIOCESE
OF WAGGA WAGGA
LLOYD STAGE 5, 6 & 7**

**PROPOSED SEWER
RETICULATION PLAN**

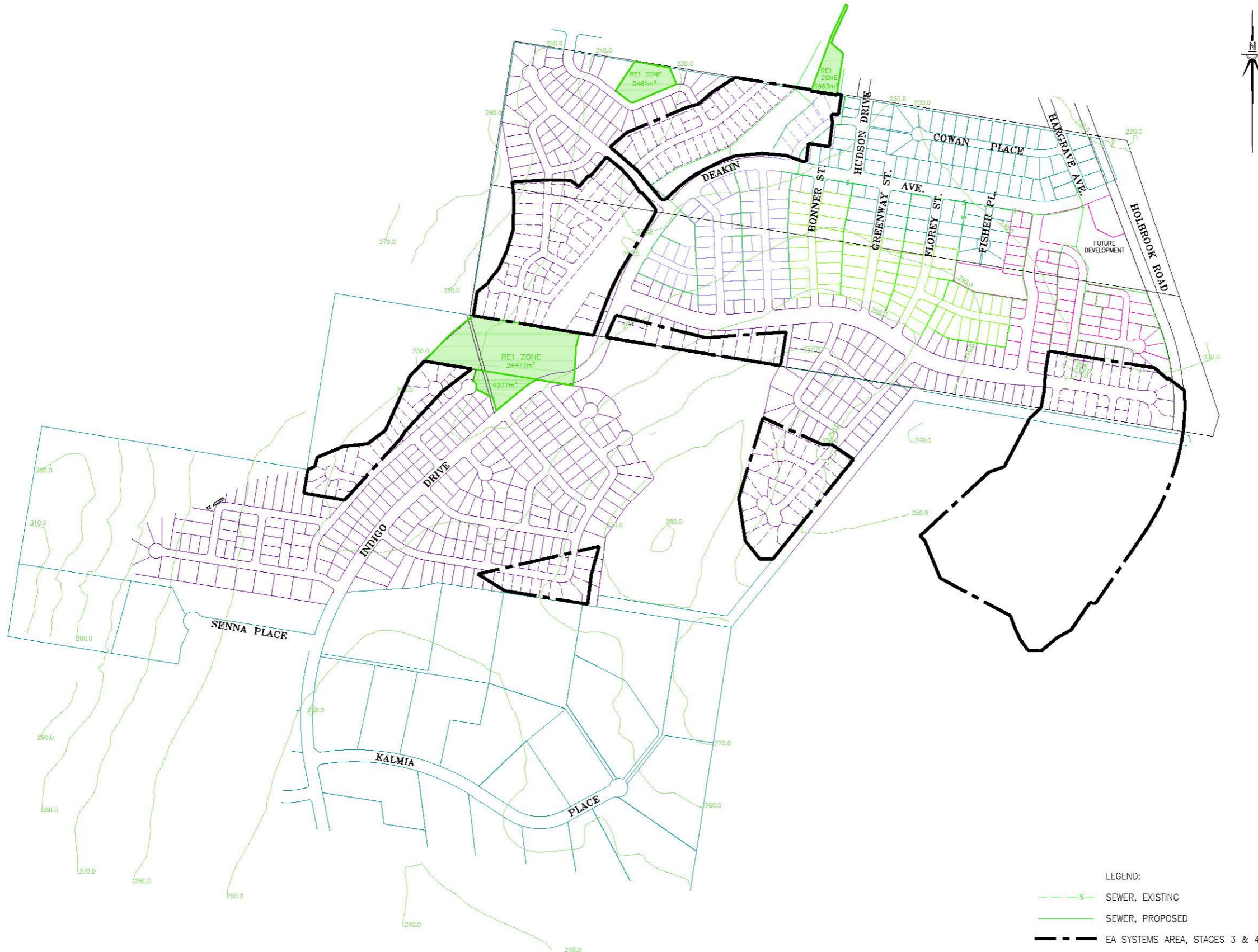


SURVEYORS CIVIL ENGINEER
DEVELOPMENT CONSULTANT

598 Maccauley Street, Albury
p: (02) 6021-1322
64 Hammond Avenue, Wagga Wagga
p: (02) 6921-3312
31 Baker St, Wangaratta
p: (03) 5721-5688
f: (02) 6021-8563
w: www.eslers.com.au
e: engineering@eslers.com.au

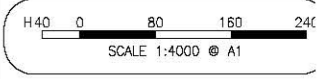


| AMENDMENTS/ACTIONS:- | DATE |
|-------------------------|--------|
| 1. DA ISSUE, A. NEWLAND | 29/05/ |
| 2. DA ISSUE, A. NEWLAND | 31/05/ |
| 3. DA ISSUE, A. NEWLAND | 01/06/ |
| 4. DA ISSUE, A. NEWLAND | 03/07/ |
| 5. | |
| 6. | |
| 7. | |
| 8. | |
| 9. | |



LEGEND:
 ---S--- SEWER, EXISTING
 --- SEWER, PROPOSED
 - - - - EA SYSTEMS AREA, STAGES 3 & 4

NOTE:
 STORMWATER DRAINAGE AND DETENTION BASINS TO BE DESIGNED IN ACCORDANCE WITH COUNCIL ENGINEERING GUIDELINES AND EASYSYSTEMS *SALINITY RISK AND MITIGATION ASSESSMENT, LLOYD SUBDIVISION, WAGGA WAGGA, NSW*



NOTE: AREAS & DIMENSIONS ARE APPROXIMATE & SUBJECT TO SURVEY

CHECKED:--

APPROVED:--

| | | |
|-------------------------|-----------------------|-------------------|
| DATUM: A.H.D | DRAWN: S.R. / T.R. | DATE: MAY-2012 |
| PROJECT No: 00016589 | | REV: C |
| SHEET 6 | OF 8 | A |

**DIOCESE
OF WAGGA WAGGA
LLOYD STAGE 5, 6 & 7**

STAGING PLAN



**SURVEYORS CIVIL ENGINEER
DEVELOPMENT CONSULTANT**

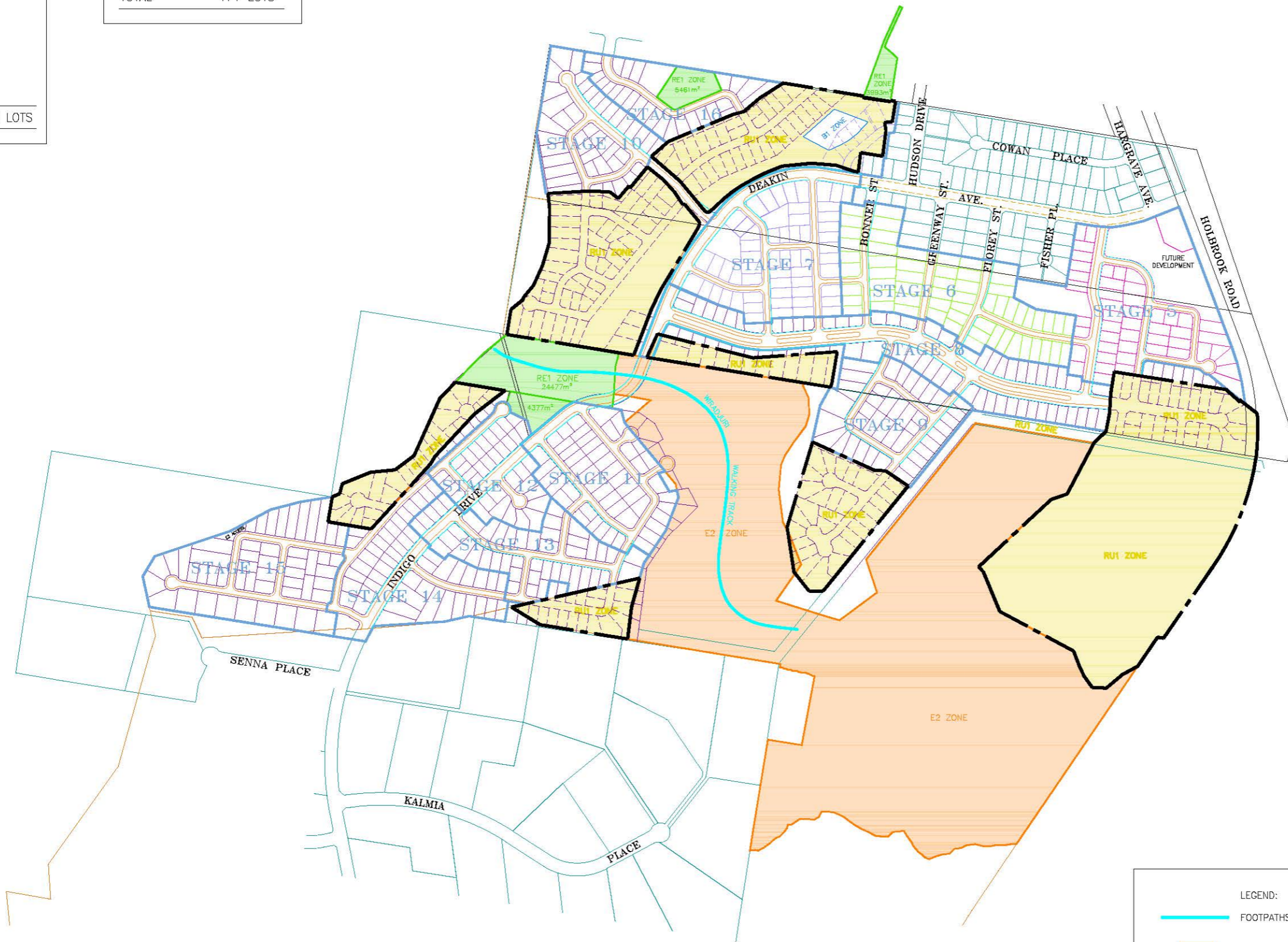
598 Maccauley Street, Albury
p: (02) 6021-1322
64 Hammond Avenue, Wagga Wagga
p: (02) 6921-3312
31 Baker St, Wangaratta
p: (03) 5721-5688
f: (02) 6021-8563
w: www.eslers.com.au
e: engineering@eslers.com.au



| AMENDMENTS/ACTIONS:- | DATE |
|-------------------------|--------|
| 1. DA ISSUE, A. NEWLAND | 29/05/ |
| 2. DA ISSUE, A. NEWLAND | 31/05/ |
| 3. DA ISSUE, A. NEWLAND | 01/06/ |
| 4. DA ISSUE, A. NEWLAND | 03/07/ |
| 5. | |
| 6. | |
| 7. | |
| 8. | |
| 9. | |

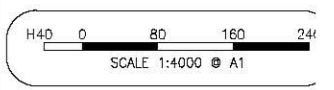
| STAGE | No. OF LOTS |
|--------------|-----------------|
| 5 | 50 |
| 6 | 60 |
| 7 | 61 |
| 8 | 54 |
| 9 | 41 |
| 10 | 40 |
| 11 | 49 |
| 12 | 35 |
| 13 | 45 |
| 14 | 48 |
| 15 | 50 |
| 16 | 27 |
| TOTAL | 560 LOTS |

| STAGE | RESIDENTIAL LOTS |
|--------------|------------------|
| 5 | 50 |
| 6 | 60 |
| 7 | 61 |
| TOTAL | 171 LOTS |



LEGEND:

- FOOTPATHS
- E2, ENVIROMENTAL ZONE
- RU1, PRIMARY RESIDENTIAL ZONE
- RE1, OPEN SPACE 3.8 HECTARES
- EA SYSTEMS AREA, STAGES 3 & 4



NOTE: AREAS & DIMENSIONS ARE APPROXIMATE & SUBJECT TO SURVEY

CHECKED: -
APPROVED: -

| | | |
|-------------------------|-----------------------|-------------------|
| DATUM: A.H.D | DRAWN: S.R. / T.R. | DATE: MAY-2012 |
| PROJECT No: 00016589 | | REV: C |
| SHEET 1 | OF 8 | A |

Wagga Wagga Development Control Plan 2010 as amended - Section 15 - Lloyd Urban Release Area
Version: 22

Page 54 of 59

**DIOCESE OF WAGGA WAGGA
LLOYD STAGE 5, 6 & 7**

**OVERALL
NEIGHBOURHOOD PLAN**



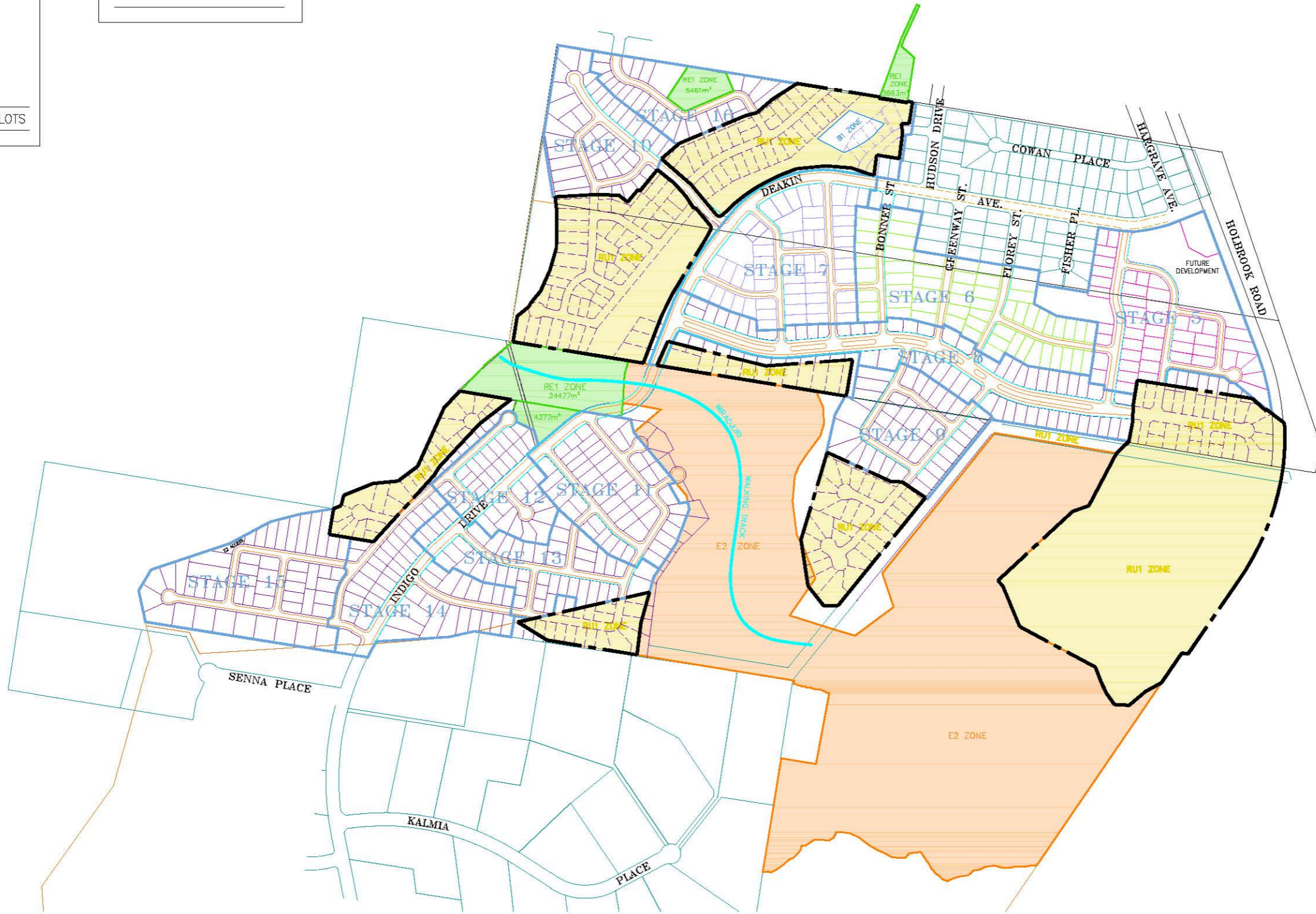
**SURVEYORS CIVIL ENGINEER
DEVELOPMENT CONSULTANT**

598 Maccauley Street, Albury
p: (02) 6021-1322
64 Hammond Avenue, Wagga Wagga
p: (02) 6921-3312
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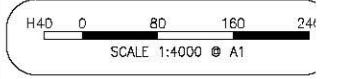
| AMENDMENTS/ACTIONS:- | DATE |
|-------------------------|--------|
| 1. DA ISSUE, A. NEWLAND | 29/05/ |
| 2. DA ISSUE, A. NEWLAND | 31/05/ |
| 3. DA ISSUE, A. NEWLAND | 01/06/ |
| 4. DA ISSUE, A. NEWLAND | 03/07/ |
| 5. | |
| 6. | |
| 7. | |
| 8. | |
| 9. | |

| STAGE | No. OF LOTS |
|--------------|-----------------|
| 5 | 50 |
| 6 | 60 |
| 7 | 61 |
| 8 | 54 |
| 9 | 41 |
| 10 | 40 |
| 11 | 49 |
| 12 | 35 |
| 13 | 45 |
| 14 | 48 |
| 15 | 50 |
| 16 | 27 |
| TOTAL | 560 LOTS |

| STAGE | RESIDENTIAL LOTS |
|--------------|------------------|
| 5 | 50 |
| 6 | 60 |
| 7 | 61 |
| TOTAL | 171 LOTS |



- LEGEND:**
- FOOTPATHS
 - BUS ROUTES
 - E2, ENVIROMENTAL ZONE
 - RU1, PRIMARY RESIDENTIAL ZONE
 - RE1, OPEN SPACE 3.8 HECTARES
 - EA SYSTEMS AREA, STAGES 3 & 4



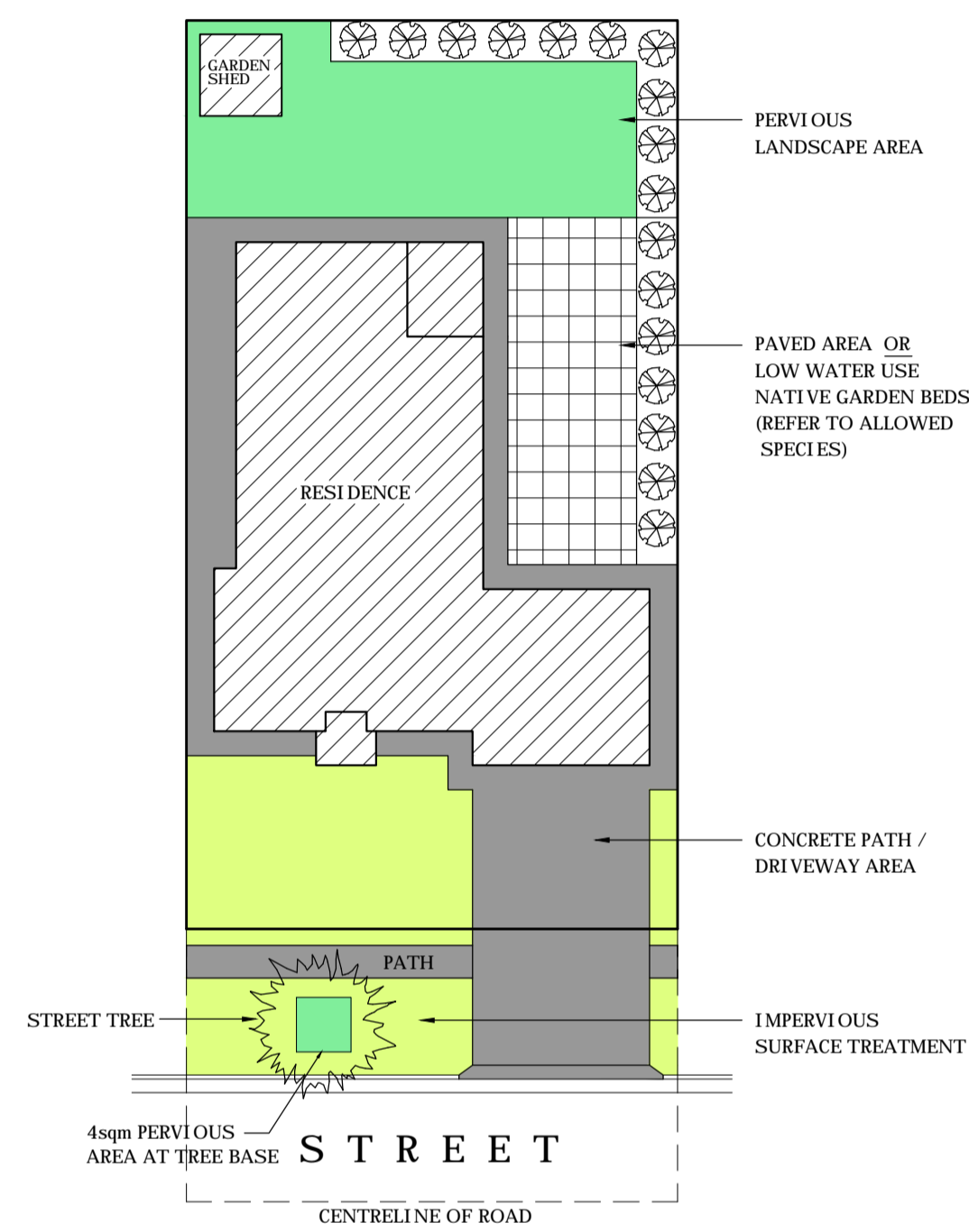
NOTE: AREAS & DIMENSIONS ARE APPROXIMATE & SUBJECT TO SURVEY

CHECKED:-

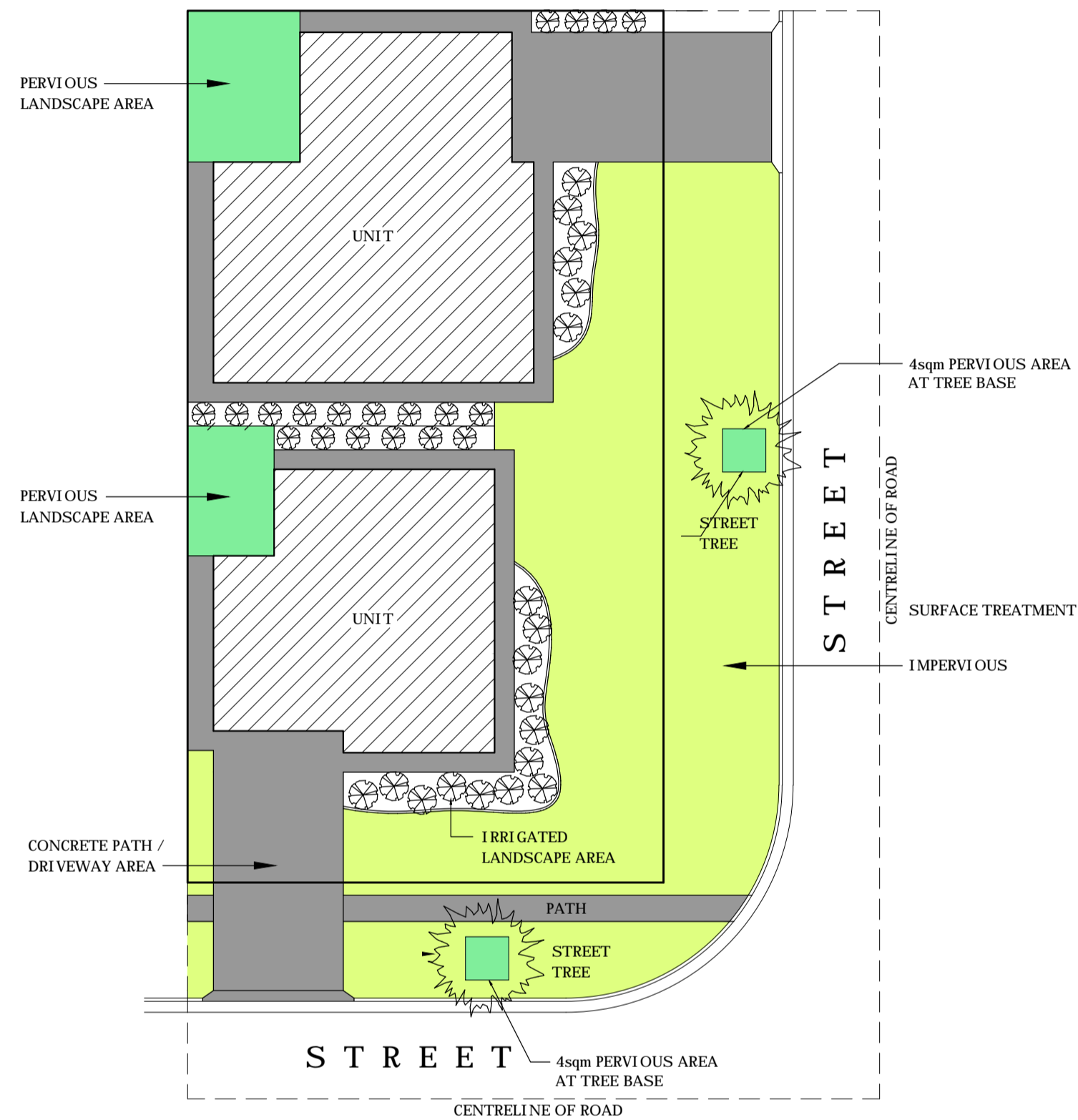
APPROVED:-

| | | |
|--------------------------------|-----------------------|-------------------|
| DATUM: A.H.D | DRAWN: S.R. / T.R. | DATE: MAY-2012 |
| PROJECT No: 00016589 | | REV: C |
| SHEET 8 | OF 8 | A |

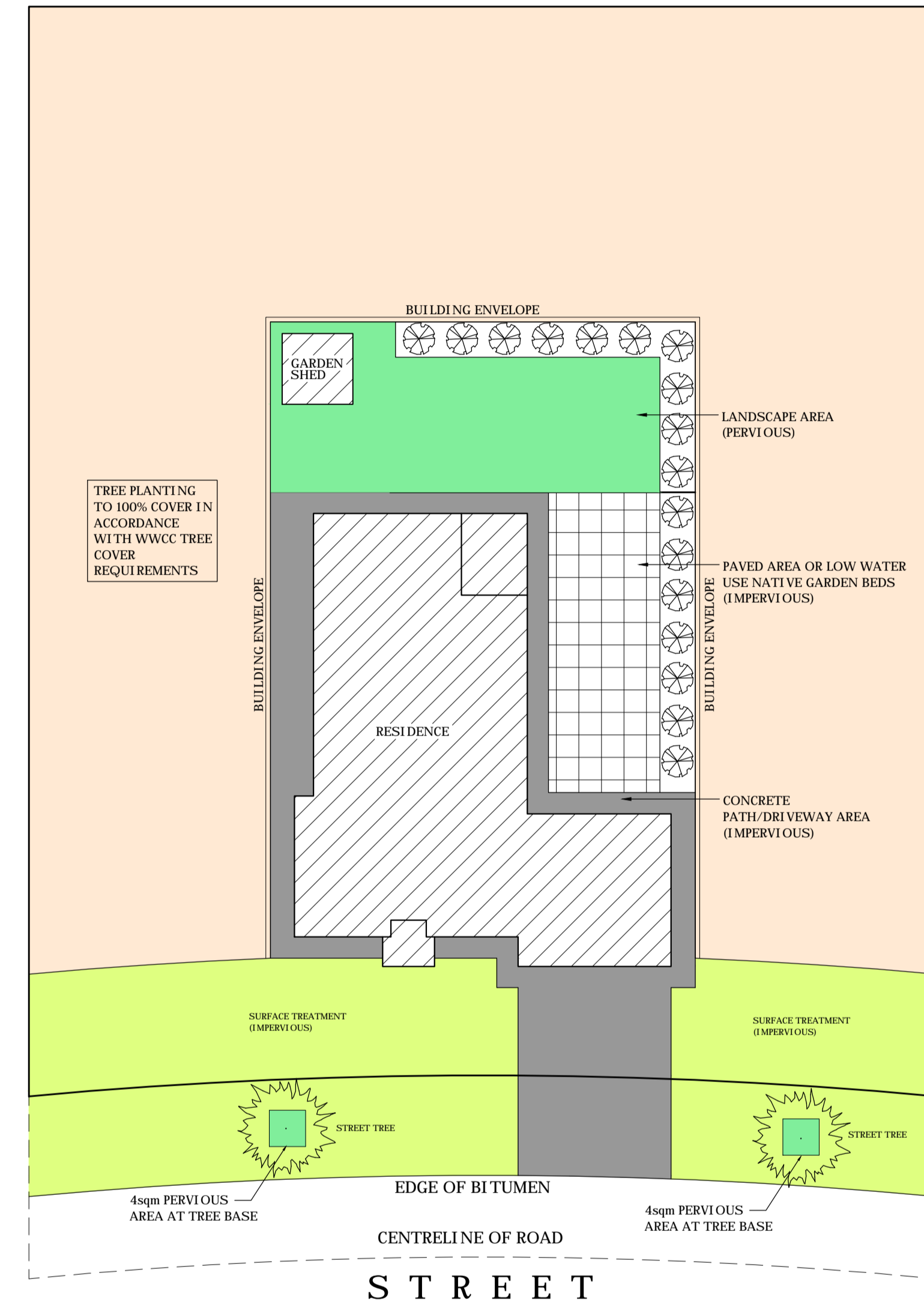
Appendix 5 – Example of lot layout to achieve 80:20 rule



TYPICAL LAYOUT TO ACHIEVE
80%-20% IMPERVIOUS / PERVIOUS



TYPICAL LAYOUT TO ACHIEVE
80%-20% IMPERVIOUS / PERVIOUS
(CORNER LOT)



TYPICAL LAYOUT TO ACHIEVE
80%-20% IMPERVIOUS / PERVIOUS
(LARGE LOT)

LEGEND:

- PERVIOUS AREA
- IMPERVIOUS AREA

| No. | DATE | AMENDMENTS | BY |
|-----|------------|---------------------|----|
| A | 04/10/2012 | ISSUED FOR APPROVAL | CB |
| B | 24/10/2012 | ISSUED FOR APPROVAL | CB |
| | | | |
| | | | |

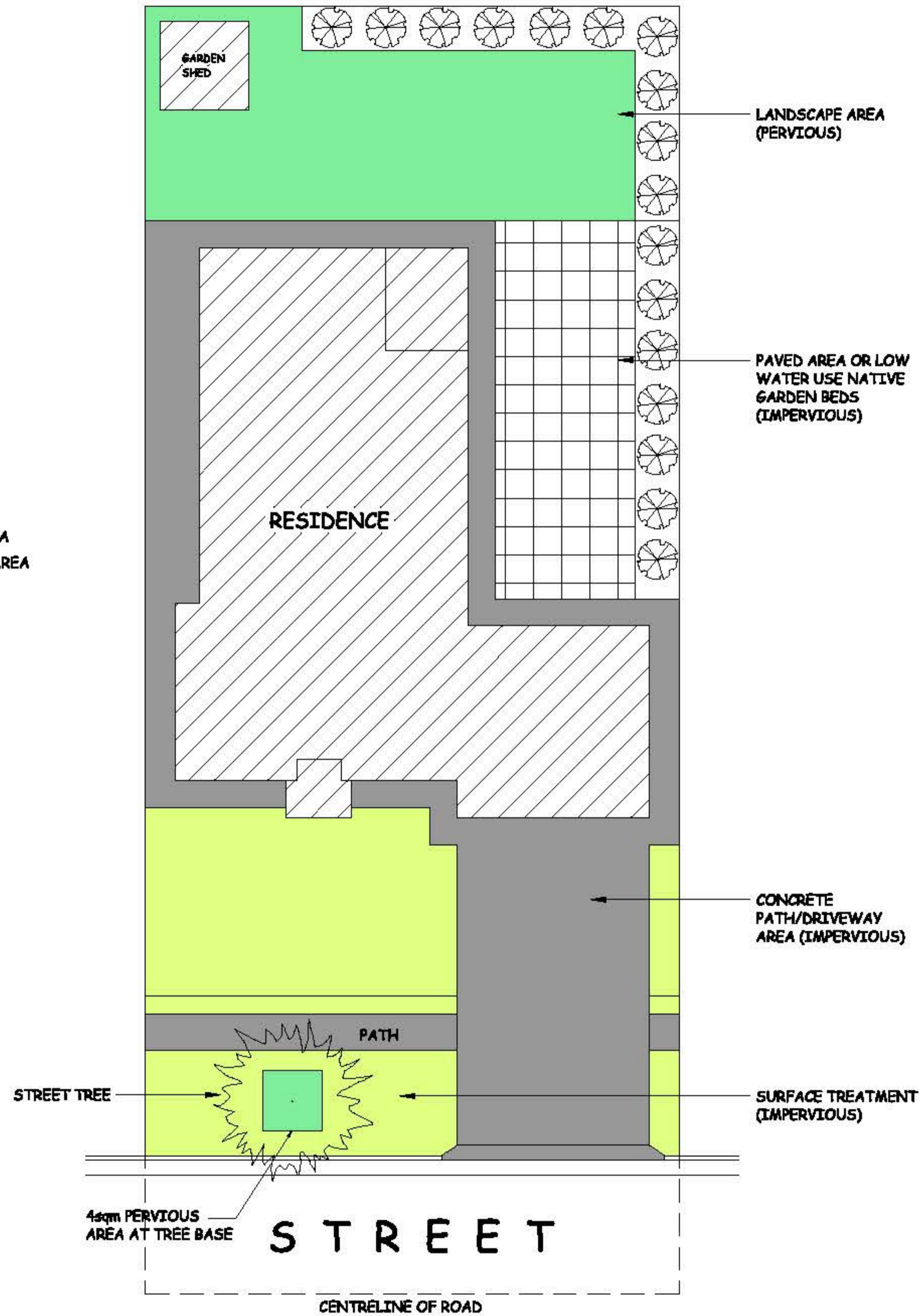
MJM
CONSULTING ENGINEERS
STRUCTURAL • CIVIL • BUILDING DESIGN

LEVEL 1, 25 TOMPSON STREET
WAGGA WAGGA NSW 2650
Telephone (02) 69 218 333
Facsimile (02) 69 218 179
E-mail admin@mjm-solutions.com
A.C.N. 107 158 350 A.B.N. 16 107 158 350
BOWTORT P/L TRADING AS MJM SOLUTIONS

PROJECT
PROPOSED IRRIGATED AREA
RESTRICTIONS FOR LLYOD AND
GLENFIELD AREAS

SHEET SUBJECT
TYPICAL 80-20 LOT LAYOUTS
CLIENT
EHKUK/HUDSON LAND GROUP

| DRAFTING CHECKED | | SCALE | |
|------------------------------|-------------|-----------|-----------|
| | | 1:250(A1) | 1:500(A3) |
| ENGINEERING CHECKED | DESIGNED | DRAWN | DATE |
| | MM | CB | Oct 2012 |
| ISSUE | PROJECT NO. | SHEET NO. | |
| B | 070081 | DP3 | |
| JOB LOCATION: C:/Jobs/070081 | | | |



STREETScape WITH SYNTHETIC GRASS



ROCK GARDEN



ROCK GARDEN



HEDGE/ROCK GARDEN

AREA REQUIREMENTS:

| LOT SIZE: | ASSUMED LOT FRONTAGE | AREA INCL. LOT + TO C/ ROAD | MAX. IRRIGATED LANDSCAPE AREA | MIN. RESIDENCE SIZE (TOTAL) |
|--------------------|----------------------|-----------------------------|-------------------------------|-----------------------------|
| 600m ² | 18m | 780m ² | 156m ² (20%) | 220m ² |
| 700m ² | 20m | 900m ² | 180m ² (20%) | 250m ² |
| 800m ² | 20m | 1000m ² | 200m ² (20%) | 280m ² |
| 1000m ² | 22m | 1220m ² | 244m ² (20%) | 340m ² |

| No. | DATE | AMENDMENTS | BY |
|-----|------------|---------------------|----|
| A | 14/08/2009 | ISSUED FOR COMMENT | BS |
| B | 19/09/2009 | ISSUED FOR COMMENT | BS |
| C | 17/04/2012 | ISSUED FOR APPROVAL | CB |
| D | 24/05/2012 | ISSUED FOR APPROVAL | CB |
| E | 14/07/2012 | ISSUED FOR APPROVAL | CB |

MJM Solutions
CONSULTING CIVIL AND STRUCTURAL ENGINEERS

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A.C.N. 107 158 350 A.B.N. 16 107 158 950
BOWTORT P/L TRADING AS MJM SOLUTIONS

PROJECT
PROPOSED IRRIGATED AREA RESTRICTIONS FOR LLYOD AND GLENFIELD AREAS

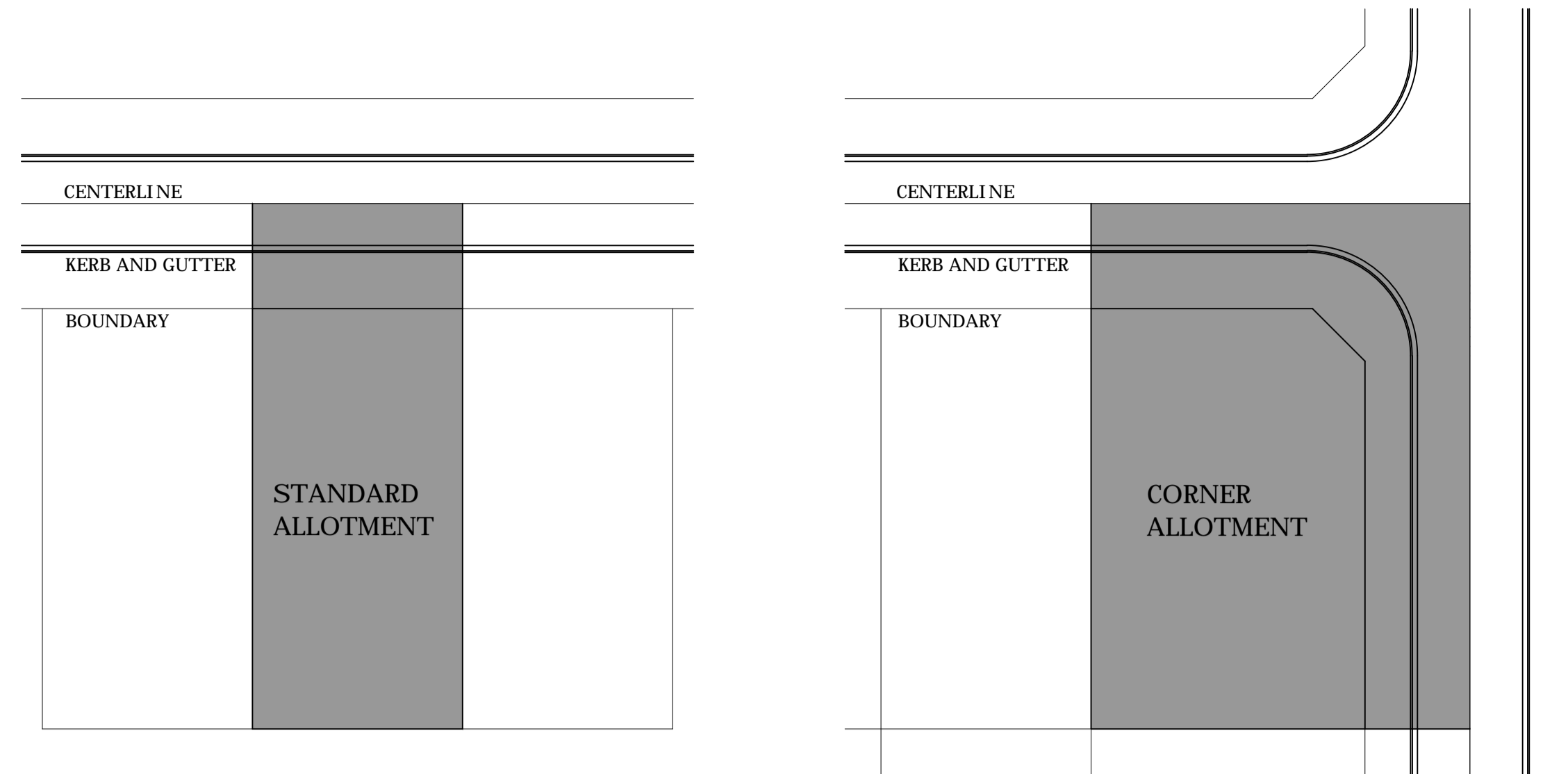
Wagga Wagga Development Control Plan 2010 as amended - Section 15 - Lloyd Urban Release Area
Version: 22

SHEET SUBJECT
80-20 DEVELOPMENT PLAN

CLIENT
EHKUK/HUDSON LAND GROUP

| DRAFTING CHECKED | SCALE | |
|---------------------|-------------|-----------|
| | 1:100(A1) | 1:200(A3) |
| ENGINEERING CHECKED | DESIGNED | DRAWN |
| | MM | CB |
| ISSUE | PROJECT NO. | DATE |
| E | 070081 | Apr 2012 |
| JOB LOCATION: | SHEET NO. | |
| C:\jbs\070081 | DP1 | |

| Lot No. | Lot Area (sq.m) | 80-20 Area (sq.m) | Max. Pervious Area (sq.m) |
|---------|-----------------|-------------------|---------------------------|
| 1 | 680 | 1006 | 197 |
| 2 | 730 | 960 | 188 |
| 3 | 752 | 983 | 193 |
| 4 | 774 | 1003 | 197 |
| 5 | 744 | 1591 | 314 |
| 6 | 616 | 1000 | 196 |
| 7 | 908 | 622 | 120 |
| 8 | 687 | 970 | 190 |
| 9 | 705 | 1553 | 307 |
| 10 | 587 | 798 | 156 |
| 11 | 593 | 793 | 155 |
| 12 | 659 | 852 | 166 |
| 13 | 590 | 791 | 154 |
| 14 | 704 | 930 | 180 |
| 15 | 753 | 1002 | 196 |
| 16 | 782 | 1025 | 201 |
| 17 | 766 | 1010 | 198 |
| 18 | 720 | 920 | 180 |
| 19 | 908 | 1757 | 347 |
| 20 | 805 | 1514 | 299 |
| 21 | 833 | 1022 | 200 |
| 22 | 794 | 977 | 191 |
| 23 | 868 | 1070 | 210 |
| 24 | 1022 | 1358 | 268 |
| 25 | 849 | 1524 | 301 |
| 26 | 655 | 850 | 166 |
| 27 | 832 | 1519 | 300 |
| 28 | 763 | 912 | 178 |
| 29 | 783 | 919 | 180 |
| 30 | 802 | 889 | 174 |
| 31 | 917 | 1011 | 198 |
| 32 | 1071 | 1339 | 264 |
| 33 | 641 | 849 | 166 |
| 34 | 942 | 1546 | 305 |
| 35 | 775 | 987 | 193 |
| 36 | 824 | 1032 | 202 |
| 37 | 843 | 1551 | 306 |
| 38 | 923 | 1645 | 325 |
| 39 | 921 | 1355 | 267 |
| 40 | 912 | 1104 | 217 |
| 41 | 948 | 1013 | 199 |
| 42 | 1025 | 1091 | 214 |
| 43 | 925 | 999 | 196 |
| 44 | 734 | 942 | 184 |
| 45 | 887 | 1121 | 220 |
| 46 | 947 | 1168 | 230 |
| 47 | 947 | 1169 | 230 |
| 48 | 757 | 1090 | 214 |
| 49 | 674 | 916 | 179 |
| 50 | 782 | 991 | 194 |
| 51 | 693 | 1340 | 264 |
| 52 | 809 | 1018 | 200 |
| 53 | 792 | 1020 | 200 |
| 54 | 647 | 837 | 163 |
| 55 | 924 | 1681 | 332 |

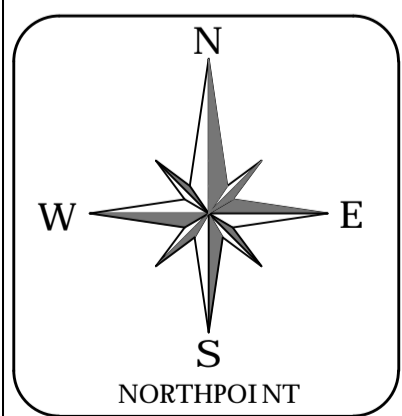


TYPICAL LAYOUT SHOWING AREA FOR 80%-20% CALCULATION



PLAN SHOWING AREA FOR 80% - 20% IMPERVIOUS / PERVIOUS

THE AREA USED TO CALCULATE THE MAXIMUM 20% PERVIOUS AREA PER ALLOTMENT IS OBTAINED BY ADDING THE AREA OF THE ALLOTMENT AND THE AREA OF ROAD RESERVE BETWEEN A LINE DRAWN AS A CONTINUATION OF THE SIDE BOUNDARIES OF THE ALLOTMENT (WHERE THEY MEET THE FRONT BOUNDARY) TO THE CENTERLINE OF THE ROAD. NO AREA OF ROAD RESERVE SHALL BE APPORTIONED TO MORE THAN ONE ALLOTMENT FOR THE PURPOSES OF THIS CALCULATION.



| No. | DATE | AMENDMENTS | BY |
|-----|------------|-----------------------------|----|
| A | 17/04/2012 | ISSUED FOR APPROVAL | BS |
| B | 03/07/2012 | STAGE 3 AND 4 ADDED | MM |
| C | 31/08/2012 | QUARRY & BOUNDARIES AMENDED | CB |

I HEREBY CERTIFY THAT ENGINEERING WORKS AS SHOWN ON THIS PLAN ARE WORK AS EXECUTED AND HAVE BEEN CONSTRUCTED GENERALLY IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE DIRECTOR. IN ACCORDANCE WITH THE GENERAL REQUIREMENTS OF THE LOCAL COUNCIL.

NAME: Michael J. McFeeters
SIGNATURE
CAPACITY: Director
DATE:

MJM
CONSULTING ENGINEERS
STRUCTURAL ? CIVIL ? BUILDING DESIGN

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Facsimile (02) 69 218 179
E-mail admin@mjm-solutions.com
A.C.N. 107 158 350 A.B.N. 16 107 158 350
BOWTORT P/L TRADING AS MJM SOLUTIONS

PROJECT
LLOYD URBAN RELEASE
AREA

SHEET SUBJECT
80-20 DEVELOPMENT
PLAN - Stage 1

CLIENT
EHKUK/HUDSON LAND GROUP

| DESIGNED | SCALE | | |
|--------------|------------------------|-------------|-----------|
| M.McFeeters | 1:5000(A1) 1:10000(A3) | | |
| CHECKED | DATE | | |
| C. Butt | Apr 2012 | | |
| COUNCIL REF. | ISSUE | PROJECT NO. | SHEET NO. |
| | C | 070081 | DP2 |

JOB LOCATION: Z:/Jobs/070081