

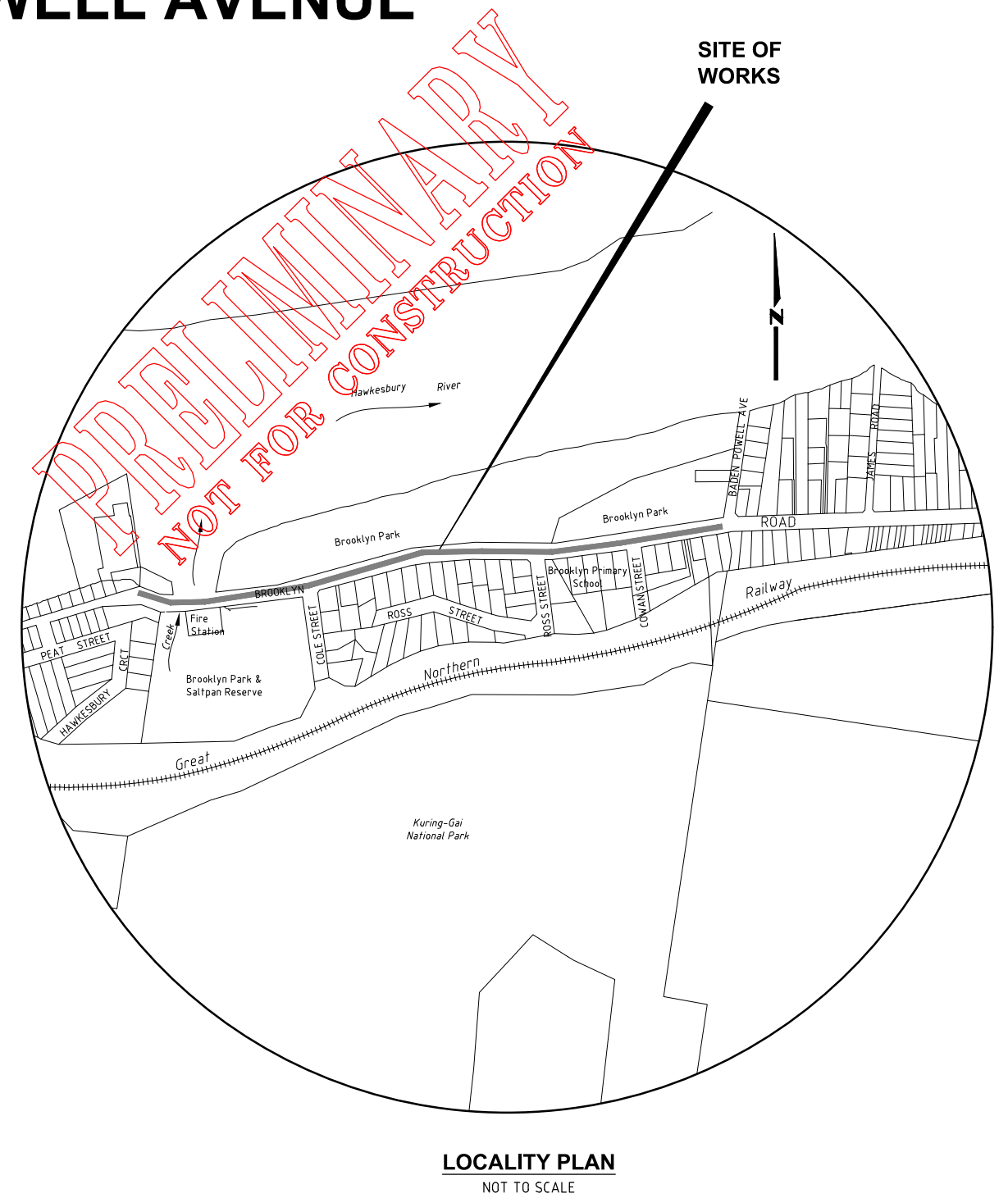
# BROOKLYN ROAD, BROOKLYN

## PROPOSED SHARED PATH

### HOUSE No. 83 TO BADEN POWELL AVENUE

| LEGEND |   |
|--------|---|
|        | EXISTING KERB & GUTTER.   |
|        | EXISTING FENCE.   |
|        | EXISTING CONCRETE PATH EDGE.  |
|        | EXISTING TOP OF BANK  |
|        | EXISTING BOTTOM OF BANK   |
|        | EXISTING STORMWATER PIPE.   |
|        | EXISTING POWER POLE.  |
|        | EXISTING/PROPOSED SIGN.   |
|        | EXISTING TREE - HERITAGE LISTED.  |
|        | EXISTING TREE   |
|        | EXISTING TREE TO BE REMOVED.  |
|        | SURVEY TRAVERSE STATION.  |
|        | STATE SURVEY MARK.  |
|        | SURVEY REFERENCE MARKS - DRILL HOLE & WING/GALVANISED IRON PIPE.  |
|        | EXISTING SEWER STOP VALVE.  |
|        | EXISTING FIRE HYDRANT.  |
|        | EXISTING WATER STOP VALVE.  |
|        | EXISTING TELSTRA PIT.   |
|        | EXISTING SEWER RISING MAIN.   |
|        | EXISTING U/G TELSTRA CABLES.  |
|        | EXISTING U/G OPTIC FIBRE CABLES   |
|        | EXISTING WATER MAIN.  |
|        | PROPOSED KERB & GUTTER.   |
|        | PROPOSED STORMWATER PIPE.   |
|        | PROPOSED STORMWATER INLET PIT.  |
|        | STORMWATER PIT LABEL (LINE No./PIT No.).  |
|        | EXTENT OF DRIVEWAY RECONSTRUCTION REINSTATED WITH EXISTING OR MATCHING MATERIALS UNLESS NOTED OTHERWISE.                                  |
|        | EXTENT OF SHARED PATH CONSTRUCTION.   |
|        | EXTENT OF PEDESTRIAN BRIDGE/ BOARD WALK.  |
|        | EXTENT OF NEW PAVEMENT CONSTRUCTION (REFER TO TYPICAL SECTION ON SHEET No.3 FOR DETAILS).   |
|        | EXTENT OF PAVEMENT REPAIR WORKS (HEAVY PATCHING) AS IDENTIFIED COUNCIL'S PAVEMENT ENGINEER (REFER SHEET No.3 FOR HEAVY PATCHING DETAILS). |
|        | EXTENT OF EXCAVATION OVERSEEN BY AQFS ARBORIST.   |
|        | PROPOSED SANDSTONE LOGS. (0.5m X 0.5m X 1m), A GRADE SANDSTONE, SAWN TWO SIDES & SPLIT FACE ON ALTERNATE TWO SIDES.                       |
|        | PROPOSED CYCLE WAY FENCE.   |

| DRAWING SCHEDULE |  |       |
|------------------|--|-------|
| SHEET No.        | TITLE  | ISSUE |
| 1                | DRAWING SCHEDULE, LOCALITY PLAN & LEGEND.  | 1     |
| 2                | PROJECT NOTES.   | 1     |
| 3                | TYPICAL SECTIONS & ROAD PAVEMENT DETAILS.  | 1     |
| 4                | TYPICAL SECTIONS OF SHARED PATH & TREATMENT AROUND POWER POLE DETAILS.               | 1     |
| 5                | CONCRETE NOTES & CONCRETE JOINT DETAILS.   | 1     |
| 6                | TREATMENT AROUND TREE DETAILS, TREE PROTECTION DETAILS & SPECIAL AC KERB DETAILS.    | 1     |
| 7                | OVERALL LAYOUT PLAN.   | 1     |
| 8                | CONTROL LINE 1 SETOUT PLAN - SHEET 1 OF 3.   | 1     |
| 9                | CONTROL LINE 1 SETOUT PLAN - SHEET 2 OF 3.   | 1     |
| 10               | CONTROL LINE 1 SETOUT PLAN - SHEET 3 OF 3.   | 1     |
| 11               | CL1, CL2, CL3 SETOUT TABLES, SURVEY STATIONS TABLE & ADDITIONAL KERB SETOUT DETAILS. | 1     |
| 12               | GENERAL WORKS & SERVICES PLAN - SHEET 1 OF 6.  | 1     |
| 13               | GENERAL WORKS & SERVICES PLAN - SHEET 2 OF 6.  | 1     |
| 14               | GENERAL WORKS & SERVICES PLAN - SHEET 3 OF 6.  | 1     |
| 15               | GENERAL WORKS & SERVICES PLAN - SHEET 4 OF 6.  | 1     |
| 16               | GENERAL WORKS & SERVICES PLAN - SHEET 5 OF 6.  | 1     |
| 17               | GENERAL WORKS & SERVICES PLAN - SHEET 6 OF 6.  | 1     |
| 18               | CL1 CROSS SECTIONS - CH10.00 TO CH90.0.  | 1     |
| 19               | CL1 CROSS SECTIONS - CH94.518 TO CH150.0.  | 1     |
| 20               | CL1 CROSS SECTIONS - CH160.00 TO CH250.00.   | 1     |
| 21               | CL1 CROSS SECTIONS - CH260.00 TO CH350.00.   | 1     |
| 22               | CL1 CROSS SECTIONS - CH360.00 TO CH460.00.   | 1     |
| 23               | CL1 CROSS SECTIONS - CH470.00 TO CH570.00.   | 1     |
| 24               | CL1 CROSS SECTIONS - CH580.00 TO CH680.00.   | 1     |
| 25               | CL1 CROSS SECTIONS - CH690.00 TO CH760.00.   | 1     |
| 26               | CL1 CROSS SECTIONS - CH770.00 & DRIVEWAY PROFILES - CH8.832 TO CH513.538.            | 1     |
| 27               | KERB RETURN 1 & 2 SETOUT DETAILS & CL2 LONG SECTIONS.                                | 1     |
| 28               | KERB RETURN 3 & 4 SETOUT DETAILS & CL3 LONG SECTIONS.                                | 1     |
| 29               | OVERALL DRAINAGE CATCHMENT PLAN  | 1     |
| 30               | DRAINAGE CATCHMENT PLAN  | 1     |
| 31               | DRAINAGE LONG SECTIONS - LINE 1, 2, 4 & 5.   | 1     |
| 32               | DRAINAGE CALCULATION TABLES.   | 1     |
| 33               | SIGNS & LINE MARKING PLAN - SHEET 1 OF 4, LINE MARKING NOTES & DETAILS.              | 1     |
| 34               | SIGNS & LINE MARKING PLAN - SHEET 2 OF 4.  | 1     |
| 35               | SIGNS & LINE MARKING PLAN - SHEET 3 OF 4.  | 1     |
| 36               | SIGNS & LINE MARKING PLAN - SHEET 4 OF 4.  | 1     |
| 37               | PEDESTRIAN CROSSING GENERAL WORKS & SERVICES PLAN.                                   | 1     |
| 38               | PEDESTRIAN CROSSING SECTIONS & DETAILS.  | 1     |
| 39               | LINE MARKING SETOUT PLAN - SHEET 1 OF 2.   | 1     |
| 40               | LINE MARKING SETOUT PLAN - SHEET 2 OF 2.   | 1     |
| 41               | LINE MARKING SETOUT DETAILS.   | 1     |
| 42               | LINE MARKING SETOUT TABLES.  | 1     |



**ROAD CLASSIFICATION : 2 LANE URBAN**  
**DESIGN SPEED : 50km/h**

**TRAFFIC & ROAD SAFETY BRANCH**

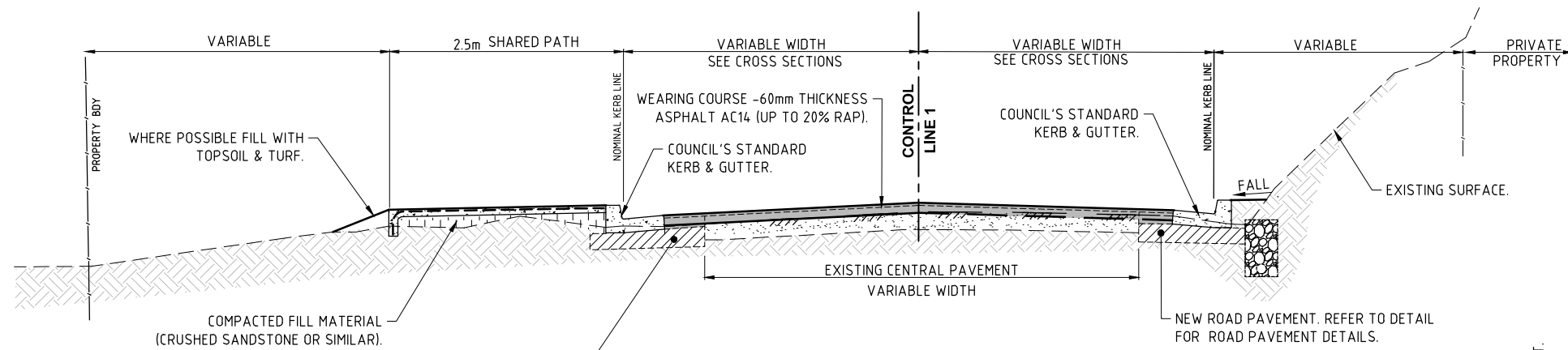
**Hornsby Shire Council**  
**Design & Construction Branch**  
TELEPHONE: (02) 9847 6666  
FACSIMILE: (02) 9847 6999  
Authorised for release - Manager Design & Construction  
Name: R. RAJCA Signed: \_\_\_\_\_ Date: \_\_\_\_\_

|   |  |                  |                |      |  |
|---|--|------------------|----------------|------|--|
| Designer<br>B RAJAKARUNA<br>Signed: _____   | Design Checked-Design Team Leader<br>Signed: _____ |                  |                |      |  |
| Drawn<br>B RAJAKARUNA<br>Signed: _____  | Drawn Checked<br>Signed: _____                     |                  |                |      |  |
| Surveyor<br>J.HART  | NA<br>Field Book                                   | NA<br>Level Book | GDA94<br>Datum |      |  |
| Project Identifier\CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg |  |                  |                |      |  |
| TRIM Document Number<br>TRIM42X   |  |                  |                |      |  |
| 1   | ISSUED FOR CONSTRUCTION                            |                  | M DRAKE        |      |  |
|   | Description  | Name             | Initial        | Date |  |
| Design not to be amended without authorisation by Manager Design & Construction   |  |                  |                |      |  |

Bar Scales  
NOT TO SCALE  
**DRAFT**  
not for construction  
**HORNSBY SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630

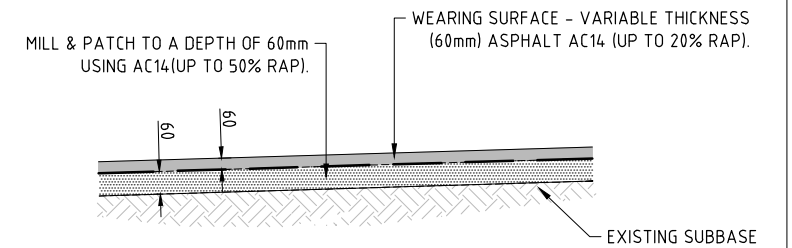
**BROOKLYN ROAD, BROOKLYN**  
**ROAD RECONSTRUCTION**  
**HOUSE No. 83 TO BADEN POWELL AVENUE**  
**DRAWING SCHEDULE, LOCALITY PLAN & LEGEND.**

|   |                 |                   |
|---|-----------------|-------------------|
| Senior Traffic Engineer<br>Name: R ZARZYCKI Telephone: 9847 6524<br>Accepted as complying with the general intent of the design brief |                 |                   |
| Signed: _____ Date: _____   |                 |                   |
| Project Number<br><b>100939</b>   |                 |                   |
| Sheet<br><b>1</b>   | of<br><b>42</b> | Issue<br><b>1</b> |
| HSC Drawing Number<br><b>29.26</b>  |                 |                   |



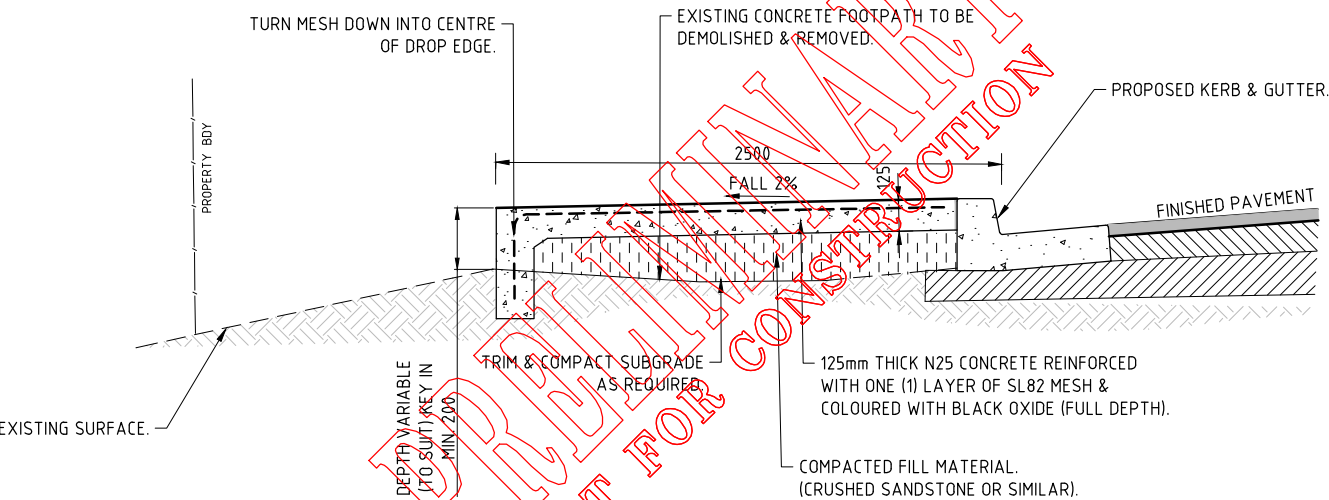
**TYPICAL PAVEMENT SECTION**

NOT TO SCALE



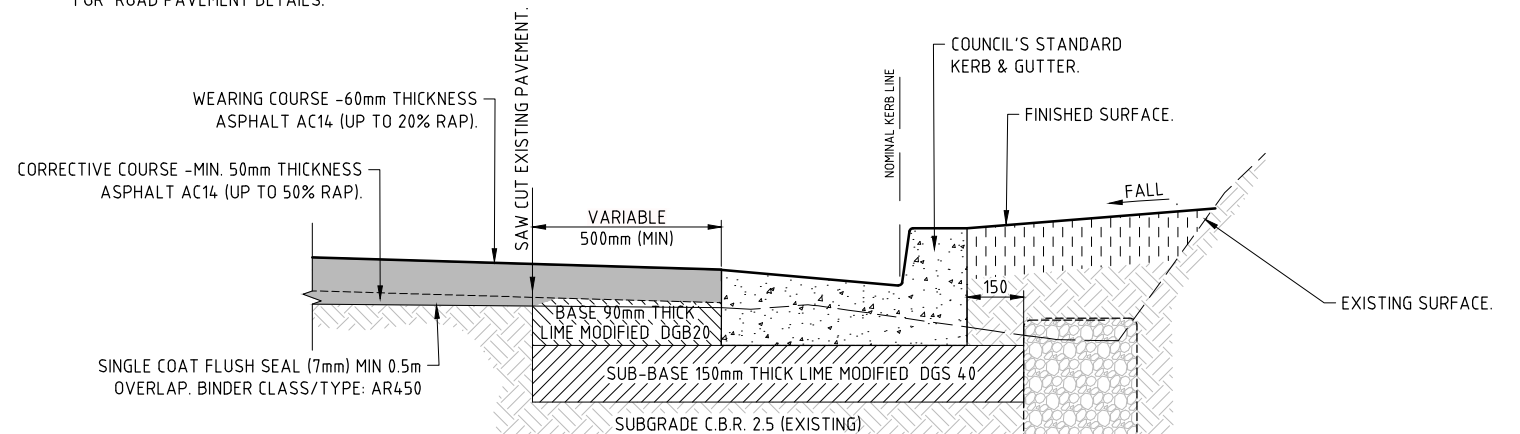
**PAVEMENT DETAILS FOR HEAVY PATCHING AREAS**

NOT TO SCALE



**TYPICAL SECTION OF SHARED PATH**

NOT TO SCALE



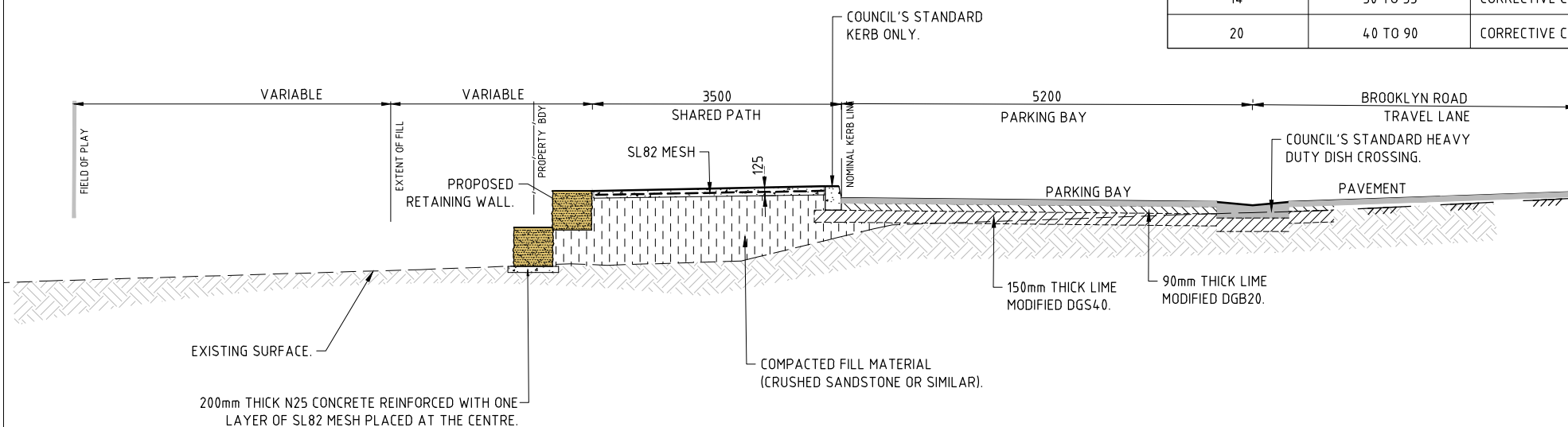
**ROAD PAVEMENT DETAIL**

NOT TO SCALE  
(FOR DESIGN TRAFFIC ESA : 4.1 x 10<sup>6</sup>)

SUBSOIL DRAINAGE TO HSC STANDARD DRAWING No.14. SUBSOIL TO BE HAND DUG OR DELETED WHEN ADJACENT TREE TO BE

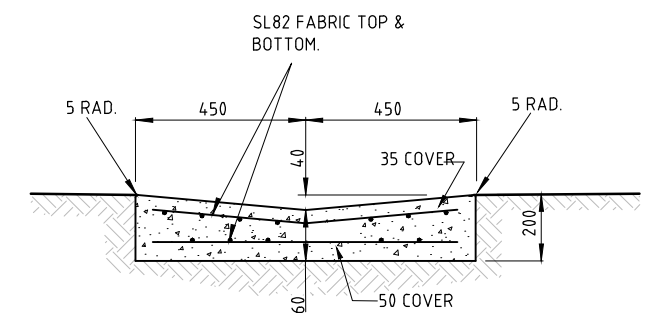
**ASHPALT COURSE & LAYER THICKNESS TABLE**

| NOMINAL SIZE OF ASPHALT (mm) | COMPACTED LAYER THICKNESS (mm) | TYPE OF WORK      |
|------------------------------|--------------------------------|-------------------|
| 10                           | 30 TO 45                       | WEARING COURSE    |
| 10                           | 20 TO 45                       | CORRECTIVE COURSE |
| 14                           | 30 TO 55                       | CORRECTIVE COURSE |
| 20                           | 40 TO 90                       | CORRECTIVE COURSE |



**TYPICAL SECTION OF SHARED PATH AT PARK**

NOT TO SCALE  
(BETWEEN CH685.0 AND 745.0)



**TYPICAL SECTION OF DISH CROSSING**

NOT TO SCALE

**Hornsby Shire Council  
Design & Construction  
Branch**

TELEPHONE: (02) 9847 6666  
FACSIMILE: (02) 9847 6999  
Authorised for release - Manager Design & Construction  
Name: R. RAJCA Signed: Date:

Designer  
B RAJAKARUNA  
Signed:  
Drawn  
B RAJAKARUNA  
Signed:  
Surveyor  
J.HART  
Project Identifier\CAD File Name  
H:\PROJECTS\Brooklyn Road Shared Path\_TR\_101575\Design\CAD\Brooklyn Road Stage 4.dwg  
TRIM Document Number  
TRIM42X

Design Checked-Design Team Leader  
Signed:  
Drawing Checked  
Signed:  
NA  
Field Book  
NA  
Level Book  
GDA94  
Datum  
1  
ISSUED FOR CONSTRUCTION  
Description  
M DRAKE  
Name  
Initial  
Date  
Design not to be amended without authorisation by Manager Design & Construction

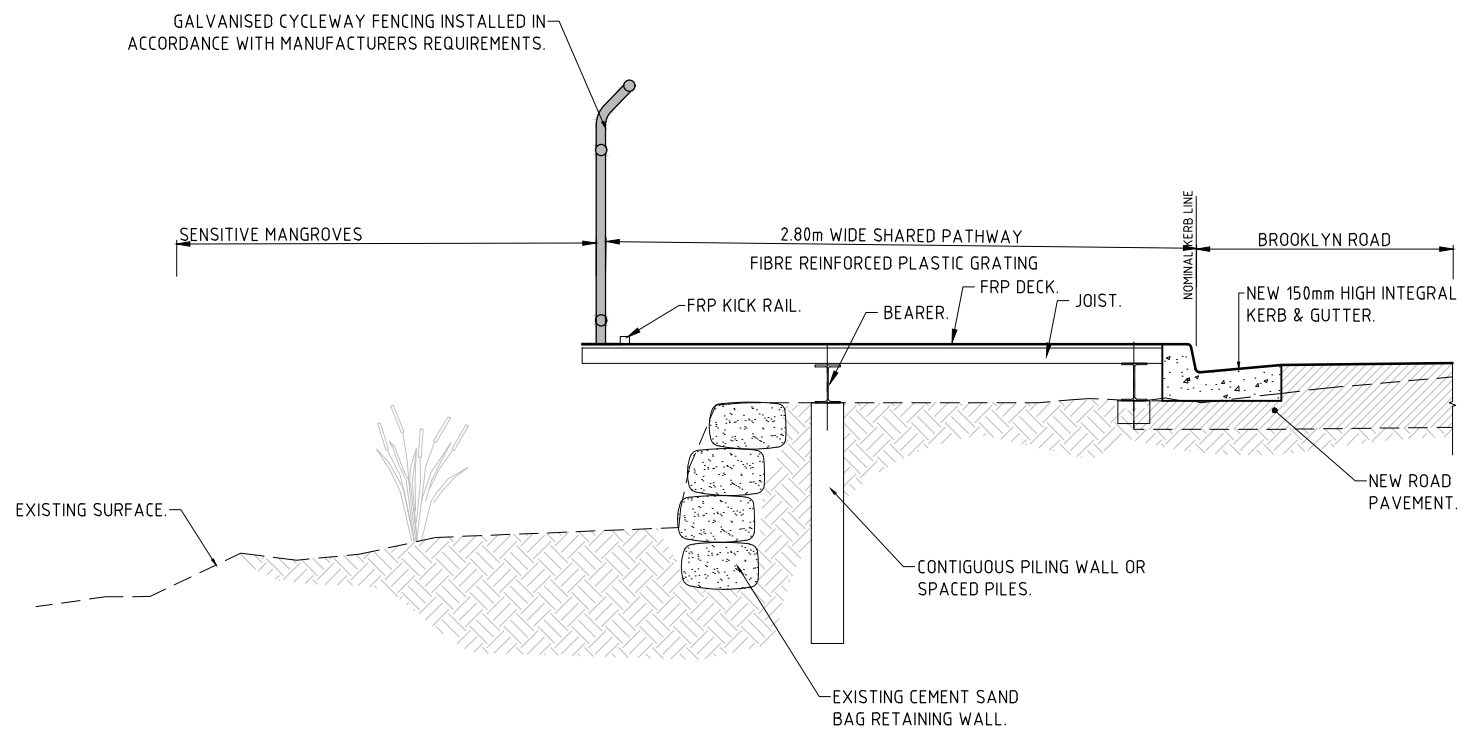
Bar Scales  
NOT TO SCALE  
DO NOT SCALE, USE FIGURED DIMENSIONS ONLY

**DRAFT**  
not for construction  
**HORNSBY  
SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630

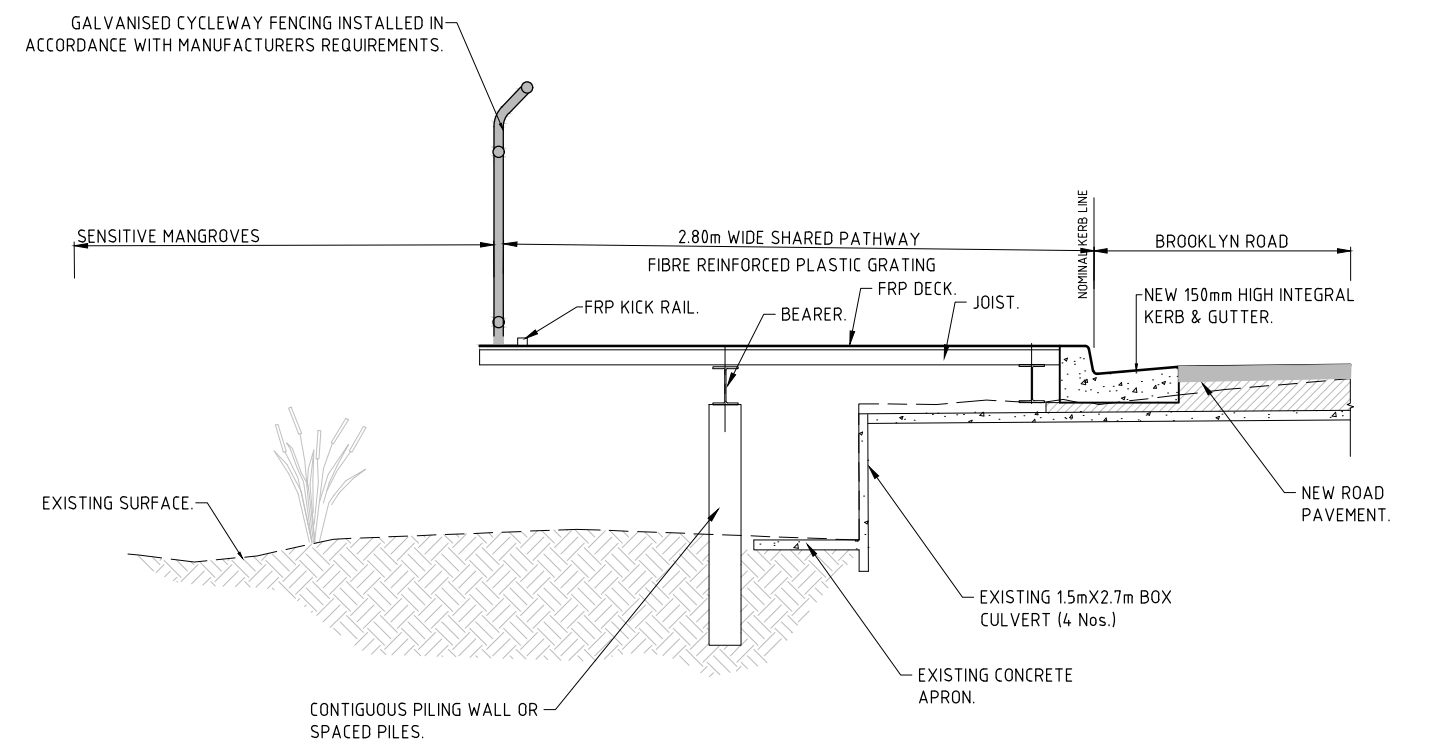
**BROOKLYN ROAD, BROOKLYN  
ROAD RECONSTRUCTION  
HOUSE No. 83 TO BADEN POWELL AVENUE**

TYPICAL SECTIONS & ROAD PAVEMENT DETAILS.

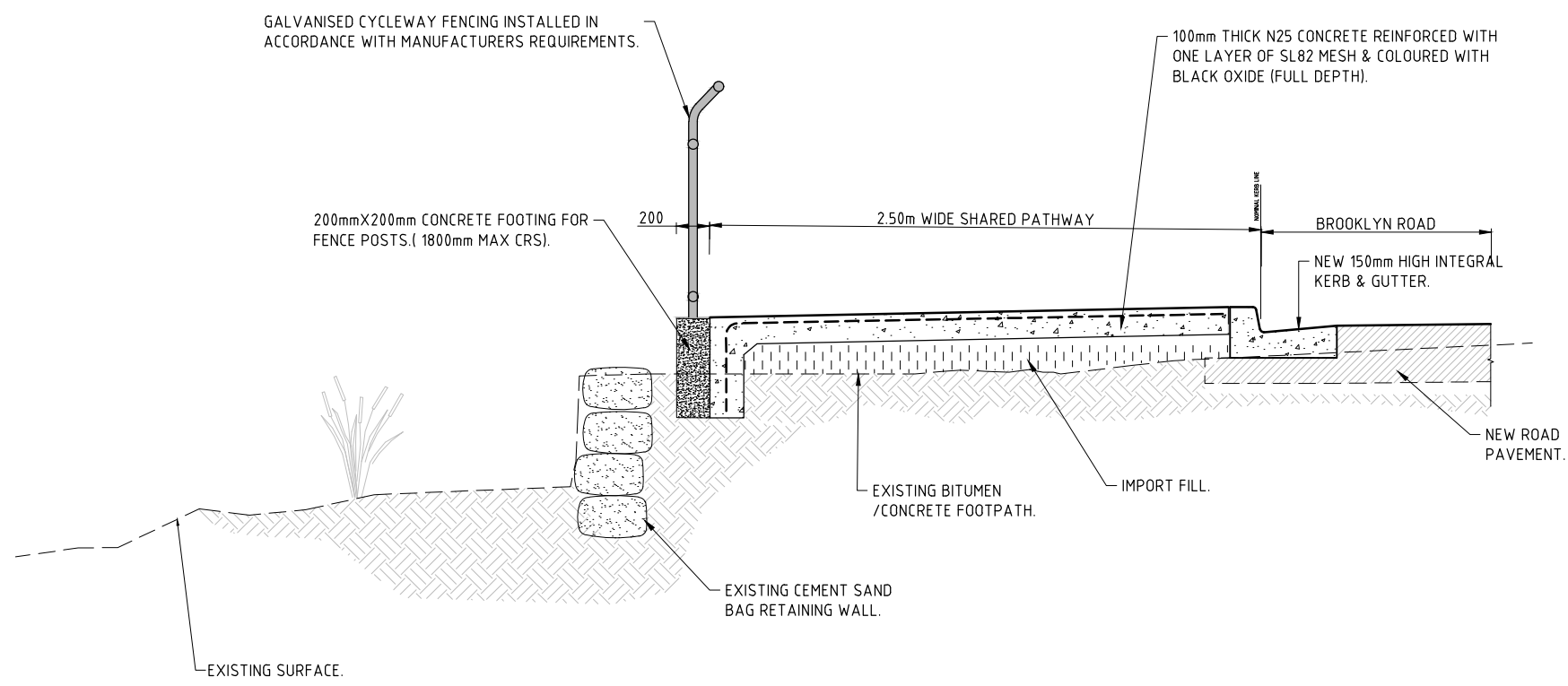
Project Number  
**100939**  
Sheet of  
**3** of **42**  
Issue  
**1**  
HSC Drawing Number  
**29.26**



**TYPICAL SECTION OF FRC PATH DETAILS.**  
NOT TO SCALE

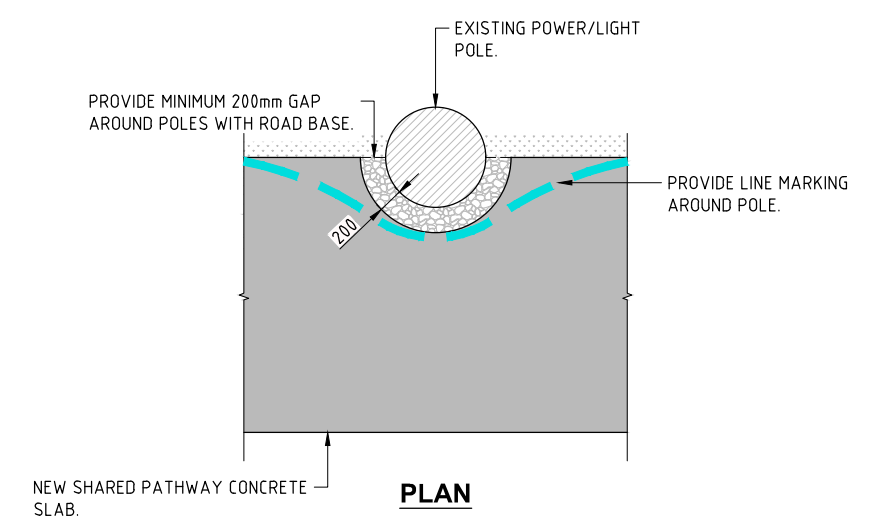


**TYPICAL SECTION OF ABUTMENT DETAILS.**  
NOT TO SCALE  
(TO BE CONFIRMED BY PEDESTRIAN BRIDGE DESIGNER.)

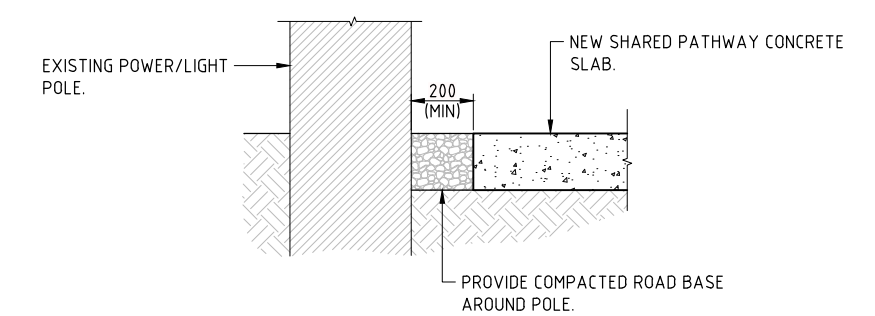


**TYPICAL SECTION OF CONCRETE PATH DETAILS.**  
NOT TO SCALE

BETWEEN CH85.00 AND CH235.00.



**PLAN**



**SECTION**

**TREATMENT AROUND POWER POLE DETAILS.**  
NOT TO SCALE

**Hornsby Shire Council  
Design & Construction  
Branch**

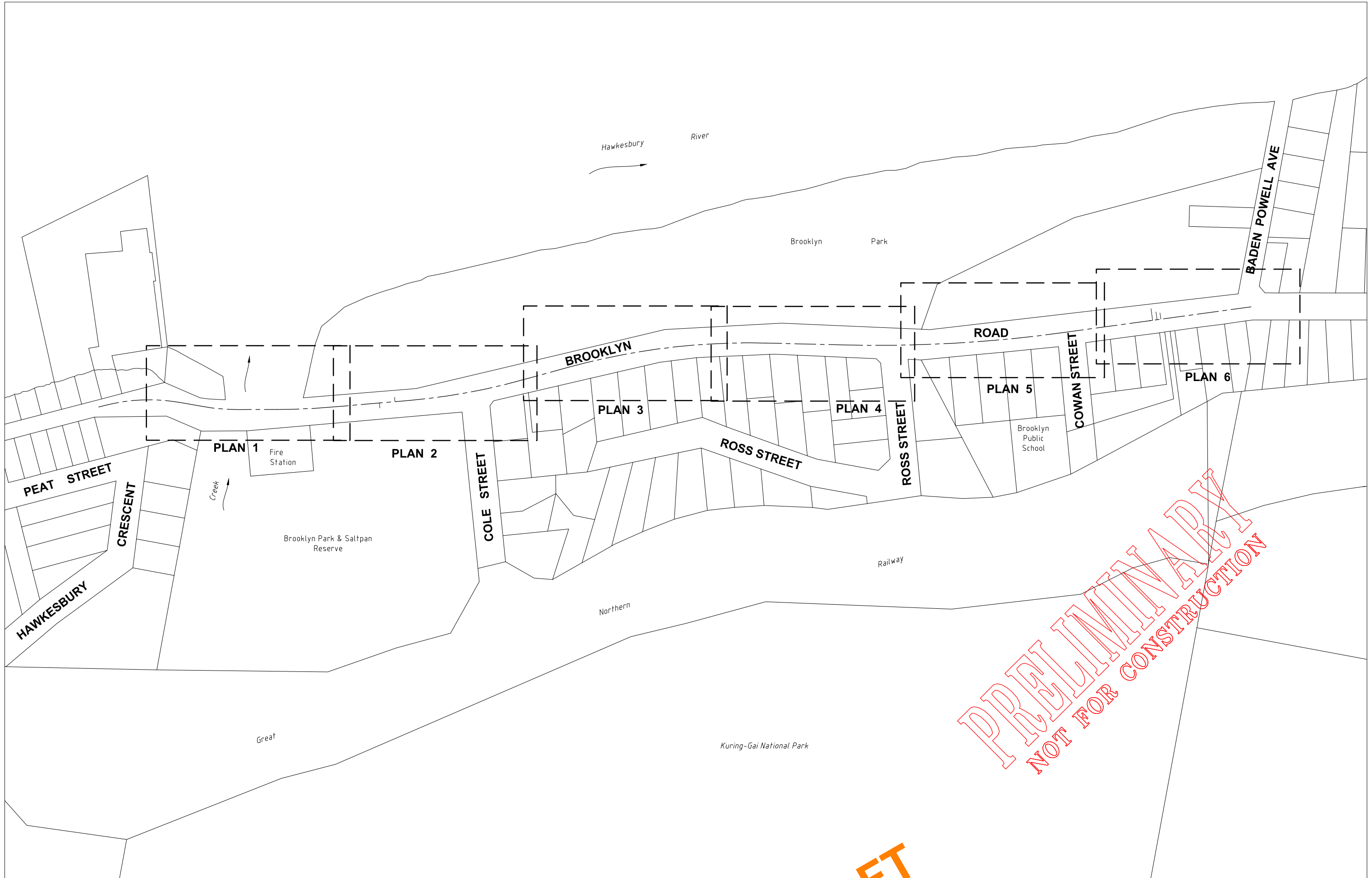
TELEPHONE: (02) 9847 6666  
FACSIMILE: (02) 9847 6999  
Authorised for release - Manager Design & Construction  
Name: R. RAJCA Signed: Date:

|   |  |                         |                |         |      |
|---|--|-------------------------|----------------|---------|------|
| Designer<br>B RAJAKARUNA<br>Signed:   | Design Checked-Design Team Leader<br>Signed: |                         |                |         |      |
| Drawn<br>B RAJAKARUNA<br>Signed:  | Drawing Checked<br>Signed:                   |                         |                |         |      |
| Surveyor<br>J.HART  | NA<br>Field Book                             | NA<br>Level Book        | GDA94<br>Datum |         |      |
| Project Identifier\CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg | 1  | ISSUED FOR CONSTRUCTION | M DRAKE        |         |      |
| TRIM Document Number<br>TRIM42X   | Issue  | Description             | Name           | Initial | Date |
| Design not to be amended without authorisation by Manager Design & Construction   |  |                         |                |         |      |

Bar Scales  
0 2 4 6 8 10m  
SCALE 1:200  
@ A1  
**DRAFT**  
not for construction  
**HORNSBY SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630

**BROOKLYN ROAD, BROOKLYN  
ROAD RECONSTRUCTION - HOUSE No.83 TO  
BADEN POWELL AVENUE.**  
TYPICAL SECTIONS OF SHARED PATH & TREATMENT AROUND  
POWER POLE.

|                                    |                   |                 |                   |
|------------------------------------|-------------------|-----------------|-------------------|
| Project Number<br><b>100939</b>    | Sheet<br><b>4</b> | of<br><b>42</b> | Issue<br><b>1</b> |
| HSC Drawing Number<br><b>29.26</b> |                   |                 |                   |



**Hornsby Shire Council**  
**Design & Construction**  
**Branch**

TELEPHONE (02) 9847 6666  
 FACSIMILE (02) 9847 6999

Authorised for release - Manager Design & Construction  
 Name: R. RAJCA Signed: \_\_\_\_\_ Date: \_\_\_\_\_

|   |  |                         |                |
|---|--|-------------------------|----------------|
| Designer<br>B RAJAKARUNA  | Design Checked-Design Team Leader<br>Signed: _____ |                         |                |
| Drawn<br>B RAJAKARUNA   | Drawing Checked<br>Signed: _____                   |                         |                |
| Surveyor<br>J.HART  | NA<br>Field Book                                   | NA<br>Level Book        | GDA94<br>Datum |
| Project Identifier\CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg |  |                         |                |
| TRIM Document Number<br>TRIM42X   | 1  | ISSUED FOR CONSTRUCTION | M DRAKE        |
| Name  |  | Initial                 | Date           |

|   |  |  |
|---|--|--|
| Design not to be amended without authorisation by Manager Design & Construction |  |  |
|---|--|--|

Bar Scales

NOT TO SCALE

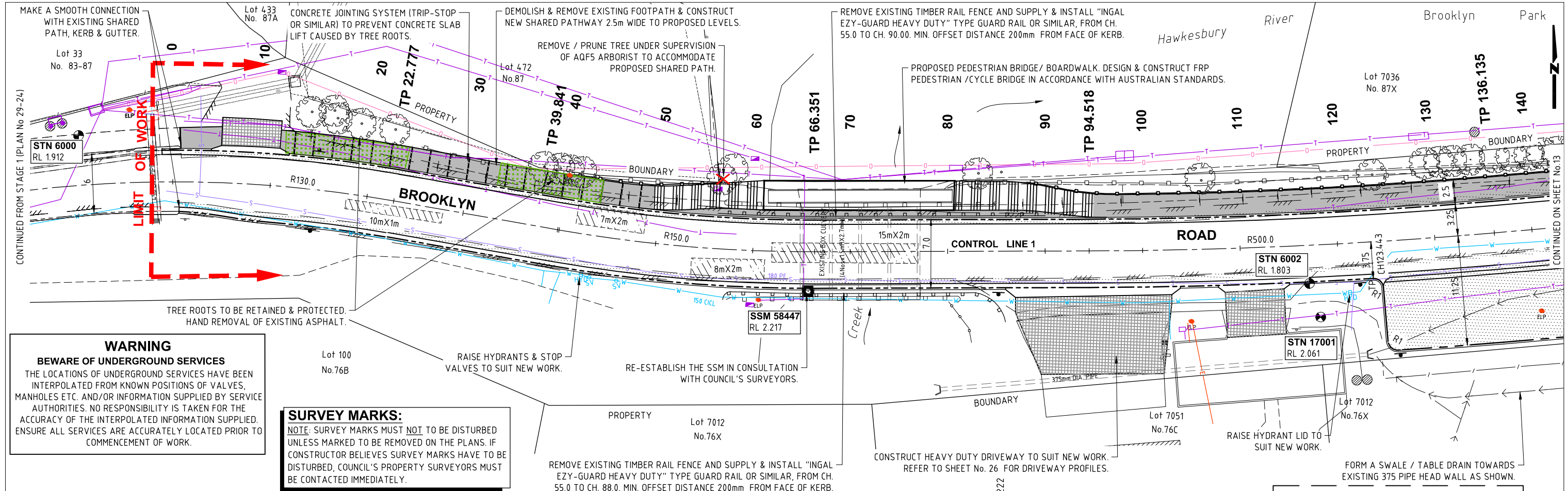
**DRAFT**  
*not for construction*

**HORNSBY**  
**SHIRE COUNCIL**  
 PO BOX 37, HORNSBY NSW 1630

**BROOKLYN ROAD, BROOKLYN**  
**ROAD RECONSTRUCTION - HOUSE No.83 TO**  
**BADEN POWELL AVENUE.**

OVERALL LAYOUT PLAN

|                                    |
|------------------------------------|
| Project Number<br><b>100939</b>    |
| Sheet of Issue<br><b>7 42 1</b>    |
| HSC Drawing Number<br><b>29.26</b> |



**WARNING**  
**BWARE OF UNDERGROUND SERVICES**  
 THE LOCATIONS OF UNDERGROUND SERVICES HAVE BEEN INTERPOLATED FROM KNOWN POSITIONS OF VALVES, MANHOLES ETC. AND/OR INFORMATION SUPPLIED BY SERVICE AUTHORITIES. NO RESPONSIBILITY IS TAKEN FOR THE ACCURACY OF THE INTERPOLATED INFORMATION SUPPLIED. ENSURE ALL SERVICES ARE ACCURATELY LOCATED PRIOR TO COMMENCEMENT OF WORK.

**SURVEY MARKS:**  
 NOTE: SURVEY MARKS MUST NOT BE DISTURBED UNLESS MARKED TO BE REMOVED ON THE PLANS. IF CONSTRUCTOR BELIEVES SURVEY MARKS HAVE TO BE DISTURBED, COUNCIL'S PROPERTY SURVEYORS MUST BE CONTACTED IMMEDIATELY.

**NOTE:**  
 REFER TO SHEET No.6 FOR TREE PROTECTION NOTES & CONSULT COUNCIL'S TREE MANAGEMENT TEAM PRIOR TO CONSTRUCTION.

REFER TO SHEET No.11 FOR SURVEY STATION SETOUT DETAILS.

REFER TO SHEET No.33 -36 FOR SIGNS & LINE MARKING DETAILS.

\* WARNING MAJOR OPTICAL FIBRE CABLES IN THIS AREA. OPTUS HAVE ADVISED THEY BE CONTACTED IF ENCROACHMENT DISTANCES ARE COMPROMISED.  
 PH: 1800 505 777(OPTUS)

\* ACID SULPHATE SOILS & ASBESTOS IN THIS AREA. ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH NSW WORK, HEALTH & SAFETY REGULATIONS.

| Horizontal Geometry Data | Vertical Geometry Grade (%) | Vertical Grade Length (m) | Vertical Curve Length (m) | Vertical Curve Radius (m) | CUT / FILL DEPTH TO EXISTING | CONTROL LINE FINISHED LEVEL | EXISTING SURFACE LEVEL | CONTROL LINE CHAINAGE |
|--------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|------------------------------|-----------------------------|------------------------|-----------------------|
| R130m                    | -0.933%                     | 3m                        | L 6                       | R 299.55                  | 0.009                        | 1.727                       | 1.719                  | 0.000                 |
|                          | 1.07%                       | 23.372m                   |                           |                           | 0.005                        | 1.717                       | 1.712                  | 1.621                 |
|                          |                             |                           |                           |                           | 0.010                        | 1.715                       | 1.705                  | 1.719                 |
|                          |                             |                           |                           |                           | 0.016                        | 1.732                       | 1.716                  | 5.923                 |
|                          |                             |                           |                           |                           | 0.031                        | 1.751                       | 1.720                  | 7.685                 |
|                          |                             |                           |                           |                           | 0.043                        | 1.776                       | 1.733                  | 10.000                |
|                          |                             |                           |                           |                           | 0.040                        | 1.883                       | 1.842                  | 20.000                |
|                          |                             |                           |                           |                           | 0.040                        | 1.897                       | 1.856                  | 21.295                |
|                          |                             |                           |                           |                           | 0.039                        | 1.912                       | 1.872                  | 22.777                |
|                          |                             |                           |                           |                           | 0.039                        | 1.913                       | 1.873                  | 22.877                |
|                          |                             |                           |                           |                           | 0.033                        | 1.943                       | 1.910                  | 26.295                |
|                          |                             |                           |                           |                           | 0.056                        | 1.969                       | 1.914                  | 30.000                |
|                          |                             |                           |                           |                           | 0.062                        | 1.977                       | 1.915                  | 31.295                |
|                          |                             |                           |                           |                           | 0.096                        | 2.022                       | 1.926                  | 39.767                |
|                          |                             |                           |                           |                           | 0.096                        | 2.022                       | 1.926                  | 39.841                |
|                          |                             |                           |                           |                           | 0.097                        | 2.023                       | 1.927                  | 40.000                |
|                          |                             |                           |                           |                           | 0.125                        | 2.077                       | 1.952                  | 50.000                |
|                          |                             |                           |                           |                           | 0.144                        | 2.130                       | 1.986                  | 60.000                |
|                          |                             |                           |                           |                           | 0.150                        | 2.164                       | 2.015                  | 66.333                |
|                          |                             |                           |                           |                           | 0.150                        | 2.164                       | 2.015                  | 66.351                |
|                          |                             |                           |                           |                           | 0.171                        | 2.184                       | 2.012                  | 70.000                |
|                          |                             |                           |                           |                           | 0.183                        | 2.195                       | 2.011                  | 71.999                |
|                          |                             |                           |                           |                           | 0.207                        | 2.221                       | 2.013                  | 80.000                |
|                          |                             |                           |                           |                           | 0.203                        | 2.222                       | 2.020                  | 81.999                |
|                          |                             |                           |                           |                           | 0.202                        | 2.222                       | 2.021                  | 82.338                |
|                          |                             |                           |                           |                           | 0.177                        | 2.210                       | 2.033                  | 89.136                |
|                          |                             |                           |                           |                           | 0.176                        | 2.207                       | 2.031                  | 90.000                |
|                          |                             |                           |                           |                           | 0.168                        | 2.198                       | 2.030                  | 91.999                |
|                          |                             |                           |                           |                           | 0.155                        | 2.187                       | 2.032                  | 94.191                |
|                          |                             |                           |                           |                           | 0.153                        | 2.185                       | 2.033                  | 94.518                |
|                          |                             |                           |                           |                           | 0.144                        | 2.178                       | 2.034                  | 96.070                |
|                          |                             |                           |                           |                           | 0.120                        | 2.158                       | 2.038                  | 100.000               |
|                          |                             |                           |                           |                           | 0.119                        | 2.108                       | 1.989                  | 110.000               |
|                          |                             |                           |                           |                           | 0.115                        | 2.101                       | 1.986                  | 111.440               |
|                          |                             |                           |                           |                           | 0.138                        | 2.058                       | 1.921                  | 120.000               |
|                          |                             |                           |                           |                           | 0.144                        | 2.046                       | 1.902                  | 122.430               |
|                          |                             |                           |                           |                           | 0.182                        | 2.008                       | 1.826                  | 130.000               |
|                          |                             |                           |                           |                           | 0.212                        | 1.977                       | 1.765                  | 136.135               |
|                          |                             |                           |                           |                           | 0.227                        | 1.958                       | 1.731                  | 140.000               |

LONGITUDINAL SECTION - CL1

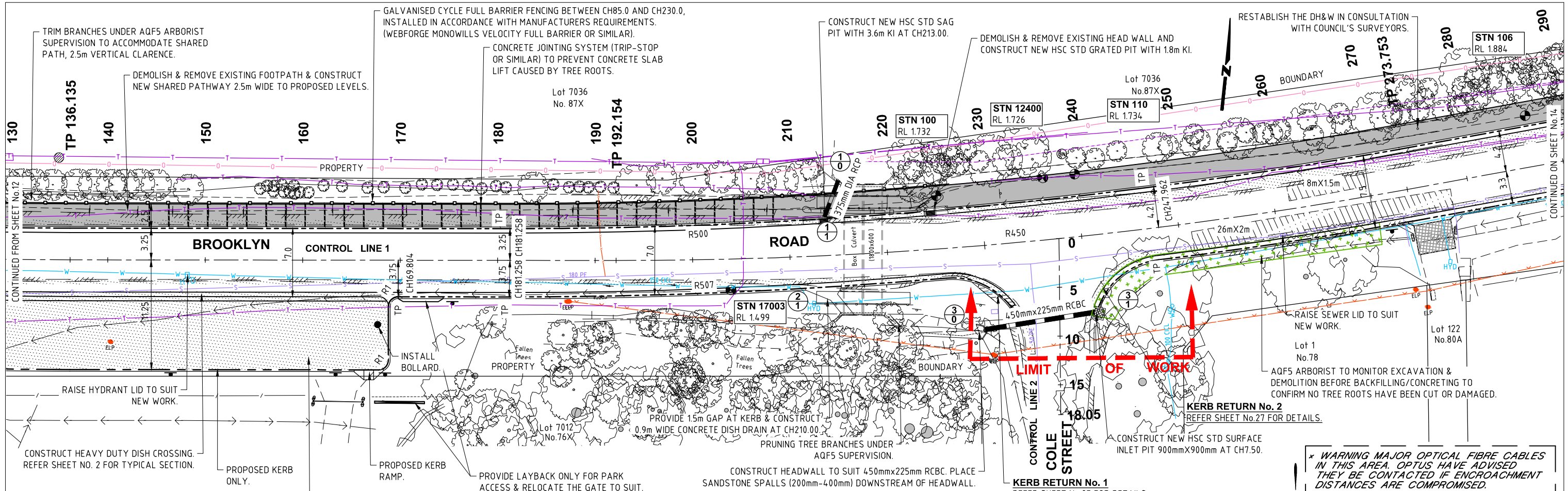
**Hornsby Shire Council**  
**Design & Construction**  
**Branch**  
 Telephone: (02) 9847 6666  
 Facsimile: (02) 9847 6999  
 Authorised for release - Manager Design & Construction  
 Name: R. RAJCA

|   |  |                  |
|---|--|------------------|
| Designer<br>B RAJAKARUNA  | Design Checked-Design Team Leader<br>Signed: |                  |
| Drawn<br>B RAJAKARUNA   | Drawing Checked<br>Signed:                   |                  |
| Surveyor<br>JHART   | NA<br>Field Book                             | NA<br>Level Book |
|   | GDA94<br>Datum                               |                  |
| Project Identifier\CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg | 1  |                  |
| TRM Document Number<br>TRIM42X  | Issue  |                  |
| ISSUED FOR CONSTRUCTION   | Description                                  | M DRAKE          |
| Design not to be amended without authorisation by Manager Design & Construction   | Name   | Initial          |
|   | Date   |                  |

Bar Scales  
 0 1 2 3 4 5m  
 0 2 4 6 8 10m  
 SCALE 1:100 VERTICAL  
 1:200 HORIZONTAL  
 @ A1  
 DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.  
**DRAFT**  
 not for construction  
**HORNSBY SHIRE COUNCIL**  
 PO BOX 37, HORNSBY NSW 1630

**BROOKLYN ROAD, BROOKLYN**  
**ROAD RECONSTRUCTION - HOUSE No.83 TO**  
**BADEN POWELL AVENUE.**  
 GENERAL WORKS & SERVICES PLAN  
 SHEET 1 OF 6

|                             |             |          |            |
|-----------------------------|-------------|----------|------------|
| Project Number<br>100939    | Sheet<br>12 | of<br>42 | Issue<br>1 |
| HSC Drawing Number<br>29.26 |             |          |            |



**PLAN**  
SCALE 1:200

**SURVEY MARKS:**  
NOTE: SURVEY MARKS MUST NOT BE DISTURBED UNLESS MARKED TO BE REMOVED ON THE PLANS. IF CONSTRUCTOR BELIEVES SURVEY MARKS HAVE TO BE DISTURBED, COUNCIL'S PROPERTY SURVEYORS MUST BE CONTACTED IMMEDIATELY.

**NOTE:**  
REFER TO SHEET No.6 FOR TREE PROTECTION NOTES & CONSULT COUNCIL'S TREE MANAGEMENT TEAM PRIOR TO CONSTRUCTION.

\* WARNING MAJOR OPTICAL FIBRE CABLES IN THIS AREA. OPTUS HAVE ADVISED THEY BE CONTACTED IF ENCROACHMENT DISTANCES ARE COMPROMISED. PH: 1800 505 771(OPTUS)

\* ACID SULPHATE SOILS & ASBESTOS IN THIS AREA. ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH NSW WORK, HEALTH & SAFETY REGULATIONS.

REFER TO SHEET No.11 FOR SURVEY STATION SETOUT DETAILS.

REFER TO SHEET No.33 -36 FOR SIGNS & LINE MARKING DETAILS.

| Horizontal Geometry Data |         | Vertical Geometry Grade (%) |         | Vertical Curve Length (m) |         | Vertical Curve Radius (m) |         | CUT / FILL DEPTH TO EXISTING |         | CONTROL LINE FINISHED LEVEL |         | EXISTING SURFACE LEVEL |         | CONTROL LINE CHAINAGE |         |         |         |         |         |         |         |         |         |         |         |         |
|--------------------------|---------|-----------------------------|---------|---------------------------|---------|---------------------------|---------|------------------------------|---------|-----------------------------|---------|------------------------|---------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 14.000                   | 150.000 | 150.000                     | 150.000 | 160.000                   | 170.000 | 180.000                   | 190.000 | 200.000                      | 210.000 | 220.000                     | 230.000 | 240.000                | 250.000 | 260.000               | 270.000 | 280.000 | 290.000 |         |         |         |         |         |         |         |         |         |
| 0.227                    | 0.260   | 0.282                       | 0.279   | 0.239                     | 0.156   | 0.141                     | 0.081   | 0.077                        | 0.063   | 0.056                       | 0.056   | 0.056                  | 0.057   | 0.049                 | 0.051   | 0.060   | 0.088   | 0.136   | 0.139   | 0.166   | 0.223   | 0.278   | 0.277   | 0.277   | 0.274   | 0.253   |
| 1.958                    | 1.908   | 1.858                       | 1.808   | 1.758                     | 1.708   | 1.697                     | 1.658   | 1.653                        | 1.625   | 1.615                       | 1.615   | 1.615                  | 1.615   | 1.636                 | 1.639   | 1.661   | 1.733   | 1.788   | 1.806   | 1.878   | 1.951   | 2.024   | 2.050   | 2.051   | 2.065   | 2.096   |
| 1.731                    | 1.648   | 1.576                       | 1.529   | 1.519                     | 1.552   | 1.557                     | 1.577   | 1.576                        | 1.562   | 1.560                       | 1.559   | 1.559                  | 1.558   | 1.587                 | 1.588   | 1.601   | 1.646   | 1.653   | 1.667   | 1.712   | 1.728   | 1.745   | 1.773   | 1.774   | 1.791   | 1.843   |
| 14.000                   | 150.000 | 160.000                     | 170.000 | 180.000                   | 190.000 | 192.154                   | 200.000 | 201.111                      | 206.614 | 210.000                     | 210.297 | 210.614                | 216.614 | 217.000               | 220.000 | 230.000 | 237.600 | 240.000 | 250.000 | 260.000 | 270.000 | 273.644 | 273.753 | 275.745 | 280.000 | 290.000 |

**LONGITUDINAL SECTION - CL1**

**Hornsby Shire Council**  
Design & Construction Branch  
TELEPHONE (02) 9847 6666  
FACSIMILE (02) 9847 6999  
Authorised for release - Manager Design & Construction  
Name: R. RAJCA Signed: Date:

Designer: B RAJAKARUNA  
Drawn: B RAJAKARUNA  
Surveyor: JHART  
Project Identifier: \CAD File Name  
H:\PROJECTS\Brooklyn Road Shared Path\_TR\_101575\Design\ACAD\Brooklyn Road Stage 4.dwg  
TRIM Document Number: TRIM42X  
Design Checked-Design Team Leader: Signed: Drawing Checked: Signed: NA NA GDA94 Field Book Level Book Datum

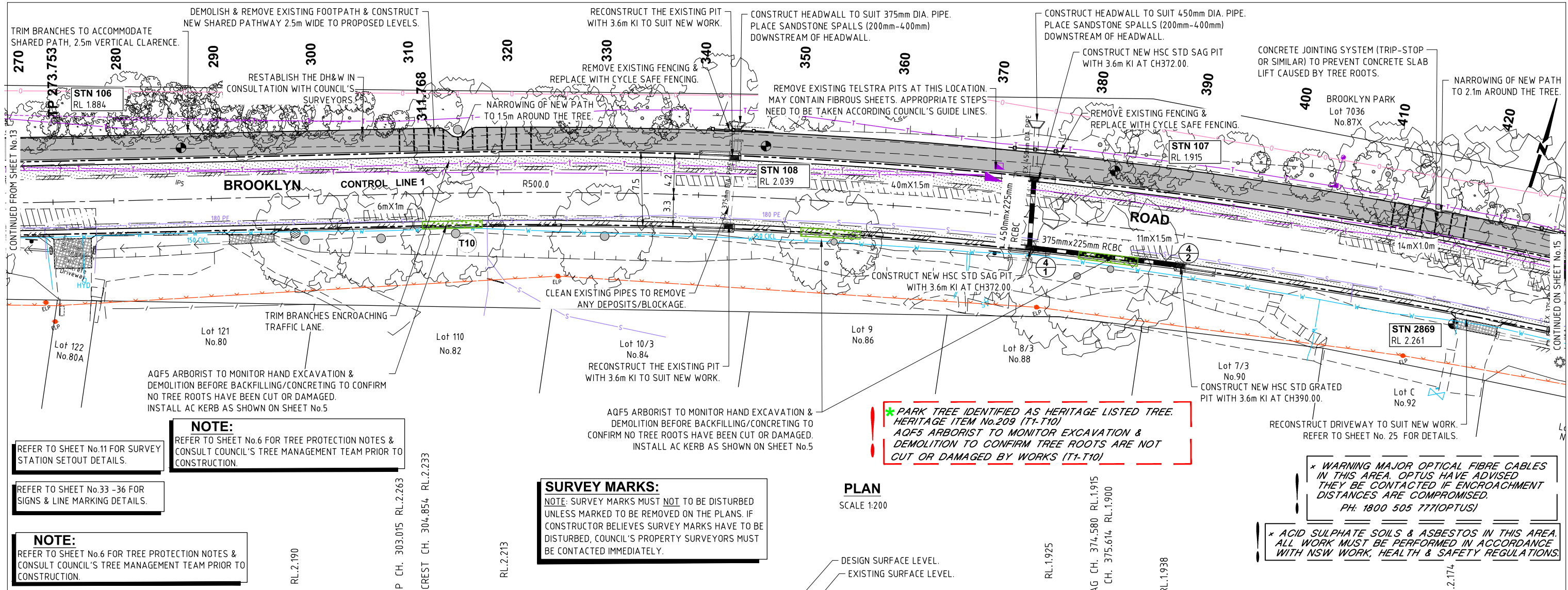
ISSUED FOR CONSTRUCTION  
Description: Design not to be amended without authorisation by Manager Design & Construction  
Name: M DRAKE  
Initial: Date:

Bar Scales  
0 1 2 3 4 5m  
SCALE 1:100 VERTICAL  
1:200 HORIZONTAL  
@ A1  
DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.  
**DRAFT**  
not for construction  
**HORNSBY SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630

**BROOKLYN ROAD, BROOKLYN ROAD RECONSTRUCTION - HOUSE No.83 TO BADEN POWELL AVENUE.**  
GENERAL WORKS & SERVICES PLAN  
SHEET 2 OF 6

Project Number: 100939  
Sheet of: 13 42 Issue: 1  
HSC Drawing Number: 29.26

**PRELIMINARY**  
**NOT FOR CONSTRUCTION**



| Horizontal Geometry Data | Vertical Geometry Grade (%) | Vertical Geometry Grade Length (m) | Vertical Curve Length (m) | Vertical Curve Radius (m) | DATUM R.L. -9.000 | CUT / FILL DEPTH TO EXISTING | CONTROL LINE FINISHED LEVEL | EXISTING SURFACE LEVEL | CONTROL LINE CHAINAGE |
|--------------------------|-----------------------------|------------------------------------|---------------------------|---------------------------|-------------------|------------------------------|-----------------------------|------------------------|-----------------------|
| 0.725%                   | 91.401m                     | L 20                               | R 1632.153                |                           |                   |                              |                             |                        |                       |
| -0.5%                    | 72.599m                     | L 10                               | R 793.103                 |                           |                   |                              |                             |                        |                       |
| 0.761%                   | 4.6m                        | L 20                               | R 2709.305                |                           |                   |                              |                             |                        |                       |
|                          |                             |                                    |                           |                           |                   |                              |                             |                        |                       |

LONGITUDINAL SECTION - CL1

**Hornsby Shire Council**  
Design & Construction  
Branch

TELEPHONE: (02) 9847 6666  
FACSIMILE: (02) 9847 6999

Authorised for release - Manager Design & Construction  
Name: R. RAJCA

Designer: B RAJAKARUNA  
Drawn: B RAJAKARUNA  
Surveyor: J.HART

Design Checked-Design Team Leader: [Signature]  
Drawing Checked: [Signature]

Field Book: NA, Level Book: NA, Datum: GDA94

Project Identifier: \CAD File Name  
H:\PROJECTS\Brooklyn Road Shared Path\_TR\_101575\Design\CAD\Brooklyn Road Stage 4.dwg

TRIM Document Number: TRIM42X

ISSUED FOR CONSTRUCTION

Description: [Blank]

Name: M DRAKE  
Initial: [Blank]  
Date: [Blank]

Design not to be amended without authorisation by Manager Design & Construction

Bar Scales

0 1 2 3 4 5m  
SCALE 1:100 VERTICAL  
1:200 HORIZONTAL  
@ A1

**DRAFT**  
not for construction

**HORNSBY SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630

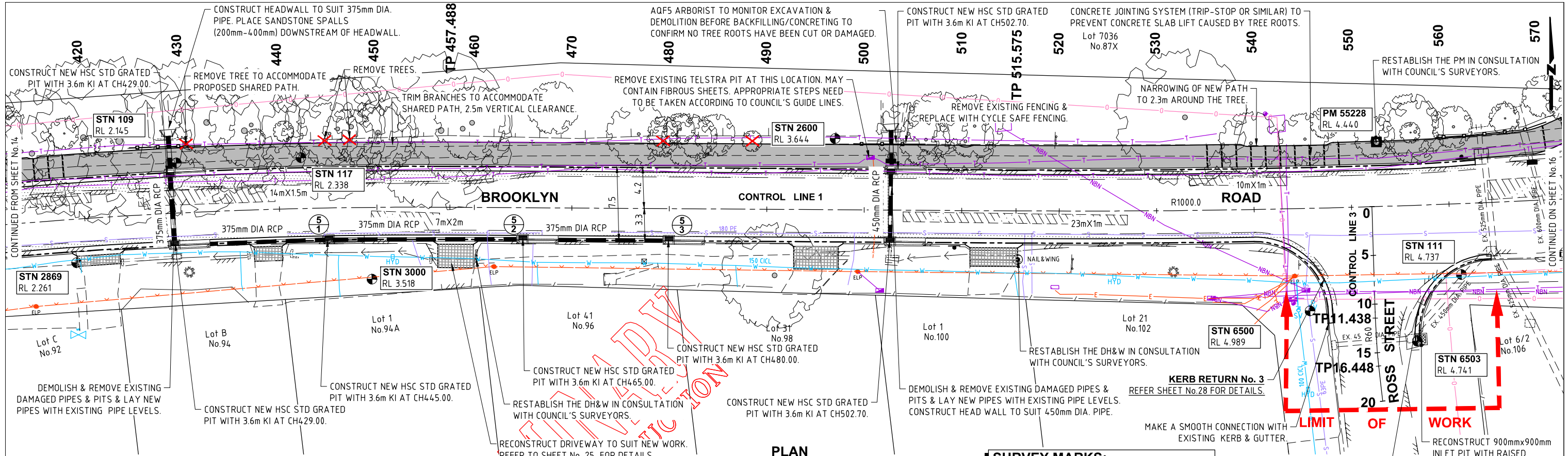
Project Number: 100939

Sheet of: 14 42 Issue: 1

HSC Drawing Number: 29.26

**BROOKLYN ROAD, BROOKLYN ROAD RECONSTRUCTION - HOUSE No.83 TO BADEN POWELL AVENUE.**

GENERAL WORKS & SERVICES PLAN  
SHEET 3 OF 6



**LONGITUDINAL SECTION - CL1**

Horizontal Geometry Data: R500m, R-1000m

Vertical Geometry Grade (%): 1.761%, 1.499%, 2.501%, -1.198%

Vertical Curve Length (m): L 20, L 30, L 25, L 17.8

DATUM RL -8.000

| CUT / FILL DEPTH TO EXISTING | CONTROL LINE FINISHED LEVEL | EXISTING SURFACE LEVEL | CONTROL LINE CHAINAGE |
|------------------------------|-----------------------------|------------------------|-----------------------|
| 0.146                        | 2.251                       | 2.104                  | 420.000               |
| 0.146                        | 2.264                       | 2.118                  | 421.198               |
| 0.146                        | 2.268                       | 2.122                  | 421.614               |
| 0.116                        | 2.376                       | 2.260                  | 430.000               |
| 0.112                        | 2.400                       | 2.288                  | 431.614               |
| 0.094                        | 2.503                       | 2.409                  | 438.478               |
| 0.089                        | 2.526                       | 2.437                  | 440.000               |
| 0.078                        | 2.625                       | 2.547                  | 446.639               |
| 0.077                        | 2.677                       | 2.601                  | 450.000               |
| 0.083                        | 2.807                       | 2.725                  | 457.488               |
| 0.084                        | 2.821                       | 2.737                  | 458.189               |
| 0.088                        | 2.855                       | 2.767                  | 460.000               |
| 0.091                        | 2.888                       | 2.796                  | 461.639               |
| 0.094                        | 3.066                       | 2.973                  | 470.000               |
| 0.080                        | 3.225                       | 3.145                  | 476.639               |
| 0.075                        | 3.309                       | 3.234                  | 480.000               |
| 0.066                        | 3.559                       | 3.493                  | 490.000               |
| 0.060                        | 3.705                       | 3.644                  | 495.813               |
| 0.050                        | 3.809                       | 3.759                  | 500.000               |
| 0.042                        | 4.059                       | 4.018                  | 510.000               |
| 0.045                        | 4.148                       | 4.103                  | 513.538               |
| 0.047                        | 4.199                       | 4.152                  | 515.575               |
| 0.052                        | 4.309                       | 4.258                  | 520.000               |
| 0.067                        | 4.537                       | 4.471                  | 529.114               |
| 0.068                        | 4.559                       | 4.491                  | 530.000               |
| 0.096                        | 4.722                       | 4.626                  | 540.000               |
| 0.095                        | 4.734                       | 4.640                  | 541.614               |
| 0.072                        | 4.749                       | 4.676                  | 545.970               |
| 0.072                        | 4.749                       | 4.677                  | 546.018               |
| 0.051                        | 4.738                       | 4.686                  | 550.000               |
| 0.048                        | 4.731                       | 4.684                  | 550.860               |
| 0.026                        | 4.700                       | 4.675                  | 554.114               |
| 0.025                        | 4.700                       | 4.674                  | 554.155               |
| -0.011                       | 4.647                       | 4.658                  | 560.000               |

**Hornsby Shire Council**  
**Design & Construction**  
**Branch**

TELEPHONE (02) 9847 6666  
 FACSIMILE (02) 9847 6999

Authorised for release - Manager Design & Construction  
 Name: R. RAJCA Signed: \_\_\_\_\_ Date: \_\_\_\_\_

|  |  |                  |                         |
|--|--|------------------|-------------------------|
| Designer<br>B RAJAKARUNA   | Design Checked-Design Team Leader<br>Signed: _____ |                  |                         |
| Drawn<br>B RAJAKARUNA  | Drawing Checked<br>Signed: _____                   |                  |                         |
| Surveyor<br>JHART  | NA<br>Field Book                                   | NA<br>Level Book | GDA94<br>Datum          |
| Project Identifier\ACAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg |  | 1                | ISSUED FOR CONSTRUCTION |
| TRIM Document Number<br>TRIM42X  | Issue  | Description      | Name<br>M DRAKE         |
| Design not to be amended without authorisation by Manager Design & Construction  |  | Initial          | Date                    |

Bar Scales

0 1 2 3 4 5m  
 0 2 4 6 8 10mm

SCALE 1:100 VERTICAL  
 1:200 HORIZONTAL  
 @ A1

**DRAFT**  
 not for construction

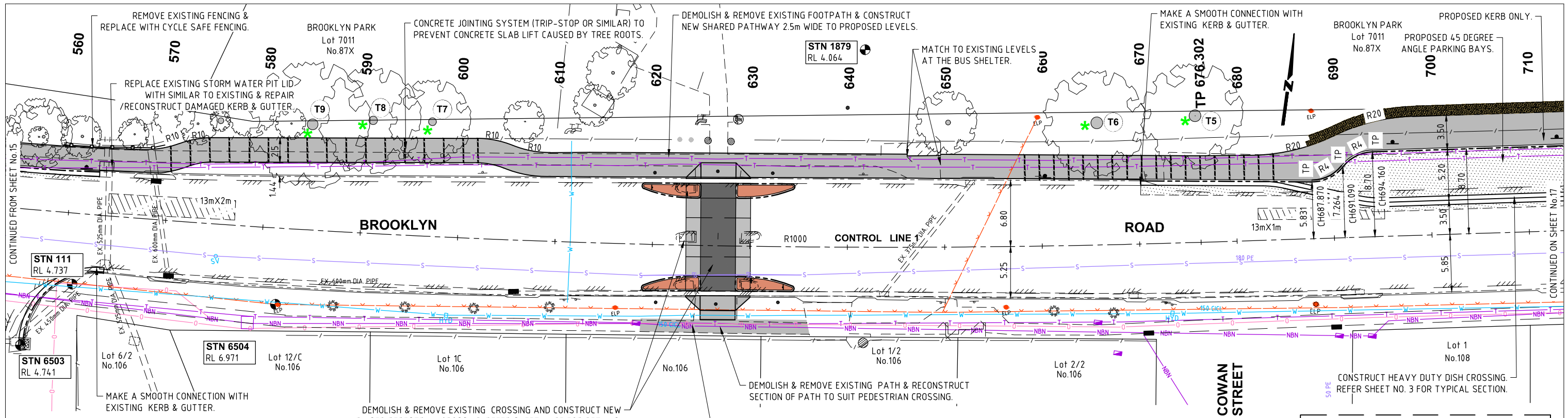
**HORNSBY SHIRE COUNCIL**  
 PO BOX 37, HORNSBY NSW 1630

**BROOKLYN ROAD, BROOKLYN**  
**ROAD RECONSTRUCTION - HOUSE No.83 TO**  
**BADEN POWELL AVENUE.**

GENERAL WORKS & SERVICES PLAN  
 SHEET 4 OF 6

|                                    |
|------------------------------------|
| Project Number<br><b>100939</b>    |
| Sheet of<br><b>15 42</b>           |
| Issue<br><b>1</b>                  |
| HSC Drawing Number<br><b>29.26</b> |





**PLAN**  
SCALE 1:200

**SURVEY MARKS:**  
NOTE: SURVEY MARKS MUST NOT BE DISTURBED UNLESS MARKED TO BE REMOVED ON THE PLANS. IF CONSTRUCTOR BELIEVES SURVEY MARKS HAVE TO BE DISTURBED, COUNCIL'S PROPERTY SURVEYORS MUST BE CONTACTED IMMEDIATELY.

\* WARNING MAJOR OPTICAL FIBRE CABLES IN THIS AREA. OPTUS HAVE ADVISED THEY BE CONTACTED IF ENCROACHMENT DISTANCES ARE COMPROMISED. PH: 1800 505 777(OPTUS)

\* ACID SULPHATE SOILS & ASBESTOS IN THIS AREA. ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH NSW WORK, HEALTH & SAFETY REGULATIONS.

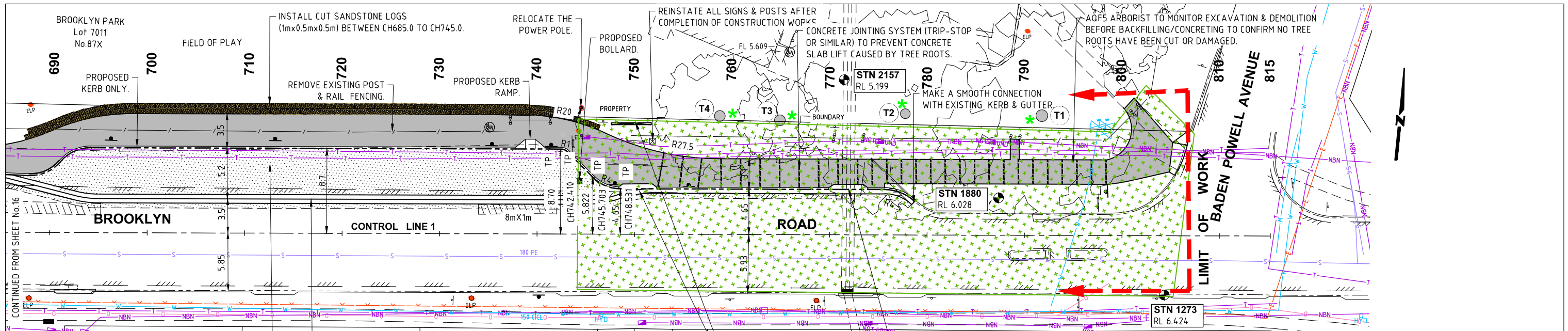
**NOTE:**  
REFER TO SHEET No.6 FOR TREE PROTECTION NOTES & CONSULT COUNCIL'S TREE MANAGEMENT TEAM PRIOR TO CONSTRUCTION.

\* PARK TREE IDENTIFIED AS HERITAGE LISTED TREE. HERITAGE ITEM No.209 (T1-T4). AQS ARBORIST TO MONITOR EXCAVATION & DEMOLITION TO CONFIRM TREE ROOTS ARE NOT CUT OR DAMAGED BY WORKS (T1-T10)

| CH      | CL    | EL    | EL    | DIFF   |
|---------|-------|-------|-------|--------|
| 560.000 | 4.647 | 4.658 | 4.658 | -0.011 |
| 563.132 | 4.631 | 4.640 | 4.640 | -0.009 |
| 566.790 | 4.625 | 4.655 | 4.655 | -0.031 |
| 570.000 | 4.629 | 4.662 | 4.662 | -0.033 |
| 572.032 | 4.638 | 4.666 | 4.666 | -0.029 |
| 580.000 | 4.678 | 4.718 | 4.718 | -0.041 |
| 590.000 | 4.728 | 4.788 | 4.788 | -0.061 |
| 599.495 | 4.775 | 4.805 | 4.805 | -0.030 |
| 600.000 | 4.778 | 4.806 | 4.806 | -0.028 |
| 610.000 | 4.824 | 4.820 | 4.820 | 0.005  |
| 614.495 | 4.844 | 4.829 | 4.829 | 0.015  |
| 620.000 | 4.866 | 4.836 | 4.836 | 0.030  |
| 629.495 | 4.900 | 4.818 | 4.818 | 0.081  |
| 630.000 | 4.901 | 4.820 | 4.820 | 0.081  |
| 640.000 | 4.935 | 4.827 | 4.827 | 0.108  |
| 650.000 | 4.968 | 4.821 | 4.821 | 0.147  |
| 660.000 | 5.001 | 4.855 | 4.855 | 0.146  |
| 670.000 | 5.034 | 4.898 | 4.898 | 0.136  |
| 676.302 | 5.055 | 4.928 | 4.928 | 0.127  |
| 676.302 | 5.055 | 4.928 | 4.928 | 0.127  |
| 680.000 | 5.067 | 4.936 | 4.936 | 0.129  |
| 690.000 | 5.101 | 4.966 | 4.966 | 0.134  |
| 700.000 | 5.134 | 4.992 | 4.992 | 0.142  |

**LONGITUDINAL SECTION - CL1**

|  |  |   |  |   |   |  |
|--|--|---|--|---|---|--|
| <b>Hornsby Shire Council</b><br>Design & Construction Branch<br>Telephone: (02) 9847 6666<br>Facsimile: (02) 9847 6999<br>Authorised for release - Manager Design & Construction<br>Name: R. RAJCA | Designer: B RAJAKARUNA<br>Drawn: B RAJAKARUNA<br>Surveyor: JHART<br>Project Identifier: \CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg<br>TRIM Document Number: TRIM42X | Design Checked-Design Team Leader<br>Signed: _____<br>Drawing Checked<br>Signed: _____<br>NA Field Book<br>NA Level Book<br>GDA94 Datum | ISSUED FOR CONSTRUCTION<br>Description: _____<br>Name: M DRAKE<br>Initial: _____<br>Date: _____<br>Design not to be amended without authorisation by Manager Design & Construction | Bar Scales<br>0 1 2 3 4 5m<br>SCALE 1:100 VERTICAL<br>1:200 HORIZONTAL<br>@ A1<br>DO NOT SCALE, USE FIGURED DIMENSIONS ONLY | <b>BROOKLYN ROAD, BROOKLYN</b><br><b>ROAD RECONSTRUCTION - HOUSE No.83 TO</b><br><b>BADEN POWELL AVENUE.</b><br>GENERAL WORKS & SERVICES PLAN<br>SHEET 5 OF 6 | Project Number: 100939<br>Sheet 16 of 42<br>Issue 1<br>HSC Drawing Number: 29.26 |
|--|--|---|--|---|---|--|



**SURVEY MARKS:**  
NOTE: SURVEY MARKS MUST NOT BE DISTURBED UNLESS MARKED TO BE REMOVED ON THE PLANS. IF CONSTRUCTOR BELIEVES SURVEY MARKS HAVE TO BE DISTURBED, COUNCIL'S PROPERTY SURVEYORS MUST BE CONTACTED IMMEDIATELY.

REFER TO SHEET No.11 FOR SURVEY STATION SETOUT DETAILS.

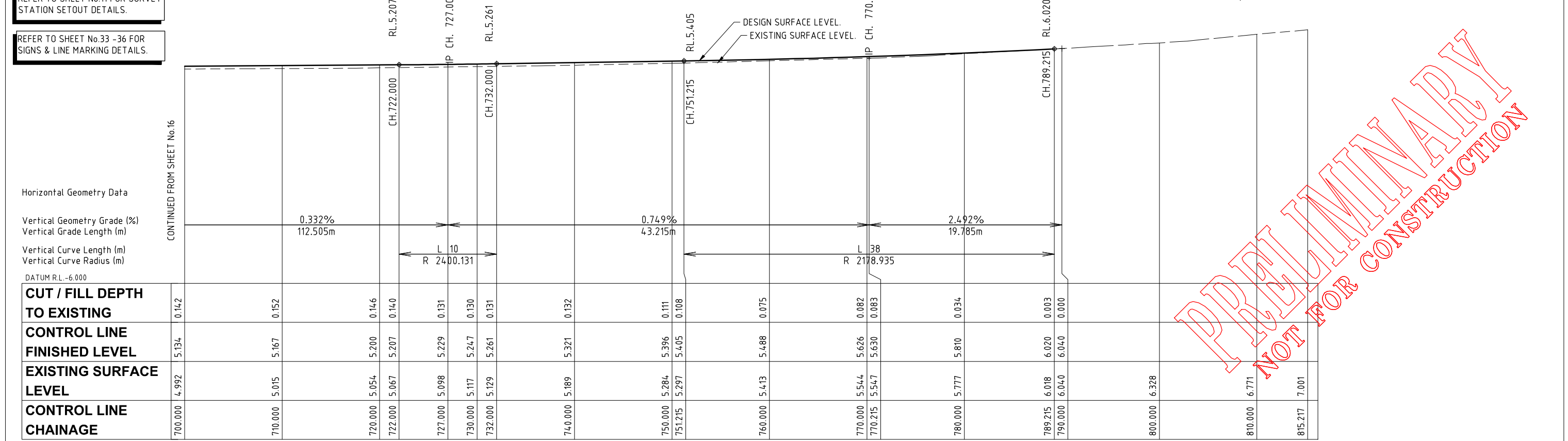
REFER TO SHEET No.33 -36 FOR SIGNS & LINE MARKING DETAILS.

**NOTE:**  
REFER TO SHEET No.6 FOR TREE PROTECTION NOTES & CONSULT COUNCIL'S TREE MANAGEMENT TEAM PRIOR TO CONSTRUCTION.

\* P*ARK TREE IDENTIFIED AS HERITAGE LISTED TREE. HERITAGE ITEM No.209 (T1-T10)*  
AQFS ARBORIST TO MONITOR EXCAVATION & DEMOLITION TO CONFIRM TREE ROOTS ARE NOT CUT OR DAMAGED BY WORKS (T1-T10)

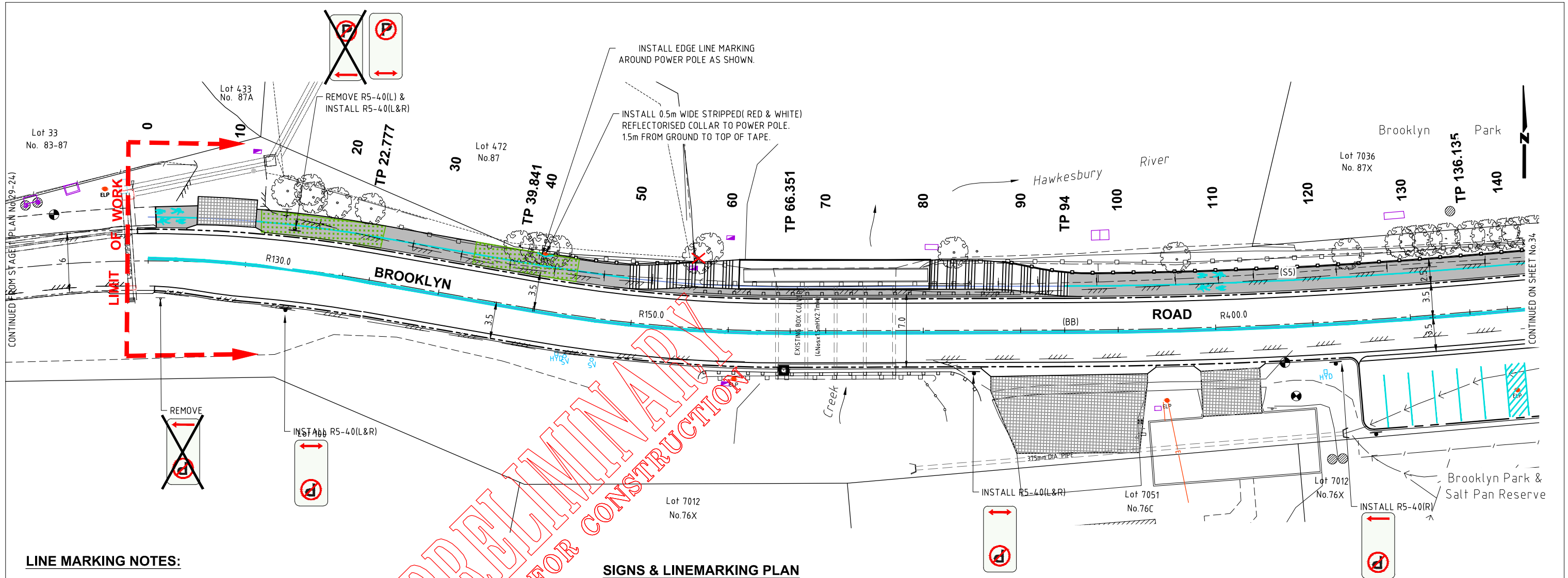
\* WARNING MAJOR OPTICAL FIBRE CABLES IN THIS AREA. OPTUS HAVE ADVISED THEY BE CONTACTED IF ENCROACHMENT DISTANCES ARE COMPROMISED.  
PH: 1800 505 777(OPTUS)

\* ACID SULPHATE SOILS & ASBESTOS IN THIS AREA. ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH NSW WORK, HEALTH & SAFETY REGULATIONS.



LONGITUDINAL SECTION - CL1

|  |  |  |  |   |   |
|--|--|--|--|---|---|
| <b>Hornsby Shire Council</b><br>Design & Construction Branch<br>Telephone: (02) 9847 6666<br>Facsimile: (02) 9847 6999<br>Authorised for release - Manager Design & Construction<br>Name: R. RAJCA Signed: _____ Date: _____ | Designer: B RAJAKARUNA<br>Drawn: B RAJAKARUNA<br>Surveyor: JHART<br>Project Identifier: \CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg<br>TRIM Document Number: TRIM42X | Design Checked-Design Team Leader: _____<br>Drawing Checked: _____<br>NA NA GDA94<br>Field Book Level Book Datum<br>1<br>ISSUED FOR CONSTRUCTION<br>Description: _____ Name: M DRAKE Initial: _____ Date: _____<br>Design not to be amended without authorisation by Manager Design & Construction | Bar Scales:<br><br>SCALE 1:100 VERTICAL<br>1:200 HORIZONTAL<br>@ A1<br>DO NOT SCALE, USE FIGURED DIMENSIONS ONLY | <b>BROOKLYN ROAD, BROOKLYN</b><br><b>ROAD RECONSTRUCTION - HOUSE No.83 TO</b><br><b>BADEN POWELL AVENUE.</b><br>GENERAL WORKS & SERVICES PLAN<br>SHEET 6 OF 6 | Project Number: 100939<br>Sheet 17 of 42 Issue 1<br>HSC Drawing Number: 29.26 |
|--|--|--|--|---|---|



**LINE MARKING NOTES:**

1. ALL SIGNS & LINE MARKING TO BE INSTALLED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES / AS1742 REQUIREMENTS.
2. LINE MARKING TO BE PAINTED WITH REFLECTIVE WHITE PAINT IN THERMOPLASTIC OR SIMILAR. RRPM'S TO BE INSTALLED AT 12m CENTRES UNLESS NOTED OTHERWISE.
3. RRPM'S PLACED ALONG EDGELINES SHALL BE PLACED ON THE TRAFFIC LANE SIDE OF LINE.
4. THIS PLAN WAS APPROVED BY THE LOCAL TRAFFIC COMMITTEE REF No.
5. WHERE POSSIBLE EXISTING SIGNAGE IS TO BE CLEANED AND RELOCATED TO SUIT NEW WORK.
6. TEMPORARY 'CHANGED TRAFFIC CONDITIONS' (T1-23) SIGNS TO BE PLACED ON ALL APPROACHES 100m FROM LIMIT OF WORKS (TYPICAL) AT THE COMMENCEMENT OF WORKS UNTIL 6 MONTHS AFTER COMPLETION.

**KERB RAMP NOTES:**

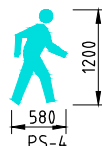
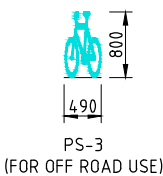
1. CONCRETE TO BE MINIMUM GRADE N20.
2. ALL CONCRETE TO BE TRANSVERSE HEAVY BROOM FINISHED. USE A STANDARD EDGING TOOL TO PENCIL ROUND THE EDGE INCLUDING CONTROL & EXPANSION JOINTS WITH SMOOTH BORDER APPROXIMATELY 50mm WIDE.
3. THE RAMP GRADIENT IS TO BE NO STEEPER THAN 1 IN 8 & NOT FLATTER THAN 1 IN 8.5.
4. ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF AS 3600, CONCRETE CODE.

**SIGNS & LINEMARKING PLAN**

SCALE 1:200

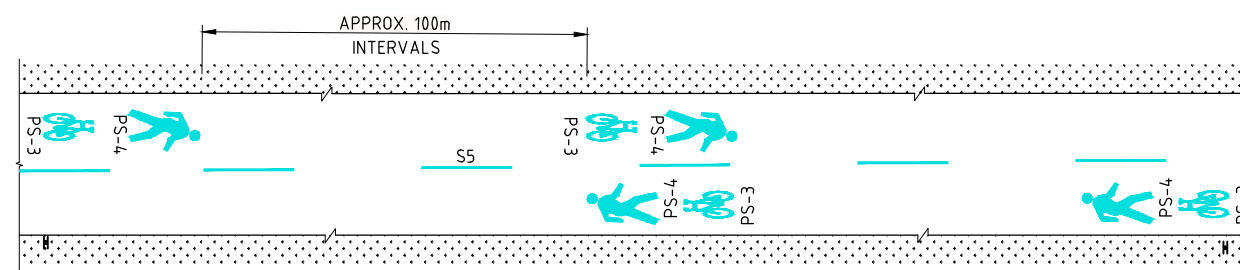
**LEGEND**

- PROPOSED LINE MARKING.
- ⊗ EXISTING SIGN
- ⊙ NEW SIGN
- ⊗ EXISTING SIGN TO BE REMOVED
- NEW BROOMED FINISH 25MPa CONCRETE MEDIAN INFILL (COLOUR: TERRACOTTA). REFER TO SHEET No.24 FOR DETAILS.



S5 - OFF ROAD PATH BROKEN SEPARATION LINE  
 DASHED LINE 80mm WIDE, 1000mm LONG WITH 3000mm GAP  
 E7 - OFF ROAD PATH EDGE LINE  
 CONTINUOUS LINE 80mm WIDE

REFER TO SHEET No.35 FOR LINE MARKING SETOUT DETAILS.



**SHARED PATH PAVEMENT SYMBOL DETAIL**

(INSTALLED AT BEGINNING & END OF PATH, & AT 100m INTERVALS)  
 NOT TO SCALE

**THIS DRAWING SHALL ONLY BE REPRODUCED AND READ IN COLOUR**

PRELIMINARY  
 NOT FOR CONSTRUCTION

**Hornsby Shire Council**  
**Design & Construction**  
**Branch**  
 Telephone: (02) 9847 6666  
 Facsimile: (02) 9847 6999  
 Authorised for release - Manager Design & Construction  
 Name: R. RAJCA Signed: \_\_\_\_\_ Date: \_\_\_\_\_

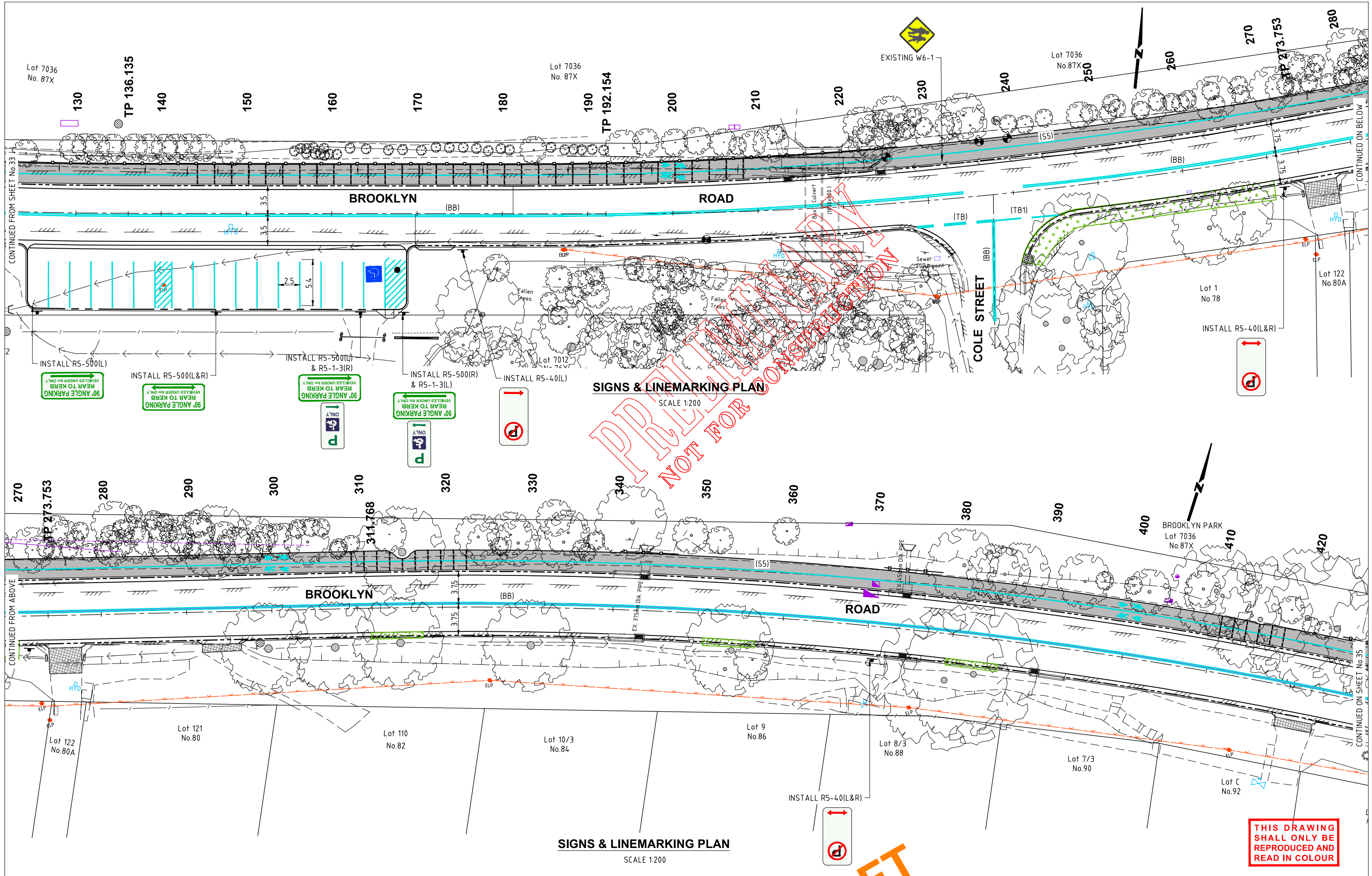
|   |  |
|---|--|
| Designer<br>B RAJAKARUNA  | Design Checked-Design Team Leader<br>Signed: _____ |
| Drawn<br>B RAJAKARUNA   | Drawing Checked<br>Signed: _____                   |
| Surveyor<br>JHART   | NA NA GDA94<br>Field Book Level Book Datum         |
| Project Identifier\CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg |  |
| TRIM Document Number<br>TRIM42X   | Issue 1  |

|   |         |         |      |
|---|---------|---------|------|
| ISSUED FOR CONSTRUCTION   | M DRAKE | Initial | Date |
| Description   | Name    | Initial | Date |
| Design not to be amended without authorisation by Manager Design & Construction |         |         |      |

Bar Scales  
 0 1 2 3 4 5m  
 0 2 4 6 8 10m  
 SCALE 1:100 VERTICAL  
 1:200 HORIZONTAL  
 @ A1  
**DRAFT**  
 not for construction  
**HORNSBY SHIRE COUNCIL**  
 PO BOX 37, HORNSBY NSW 1630

**BROOKLYN ROAD, BROOKLYN**  
**ROAD RECONSTRUCTION - HOUSE No.83 TO**  
**BADEN POWELL AVENUE.**  
 SIGNS & LINE MARKING PLAN.  
 SHEET 1 OF 4

|                                    |
|------------------------------------|
| Project Number<br><b>100939</b>    |
| Sheet of<br><b>33 42</b>           |
| Issue<br><b>1</b>                  |
| HSC Drawing Number<br><b>29.26</b> |



**SIGNS & LINEMARKING PLAN**  
SCALE 1:200

**SIGNS & LINEMARKING PLAN**  
SCALE 1:200

**THIS DRAWING SHALL ONLY BE REPRODUCED AND READ IN COLOUR**

**Hornsby Shire Council  
Design & Construction  
Branch**

TELEPHONE (02) 9847 6666  
FACSIMILE (02) 9847 6999  
Authorised for release - Manager Design & Construction  
Name: R. RAJCA Signed: \_\_\_\_\_ Date: \_\_\_\_\_

|   |                                   |                         |                   |
|---|-----------------------------------|-------------------------|-------------------|
| Designer<br>B RAJAKARUNA  | Design Checked-Design Team Leader |                         |                   |
| Drawn<br>B RAJAKARUNA   | Signed: _____                     |                         |                   |
| Surveyor<br>JHART   | NA                                | NA                      | GDA94             |
| Field Book  | Level Book                        | Datum                   |                   |
| Project Identifier\CAD File Name  |                                   |                         |                   |
| H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg |                                   |                         |                   |
| TRIM Document Number<br>TRIM42X   | 1                                 | ISSUED FOR CONSTRUCTION | M DRAKE           |
|   | Issue                             | Description             | Name Initial Date |
| Design not to be amended without authorisation by Manager Design & Construction       |                                   |                         |                   |

Bar Scales

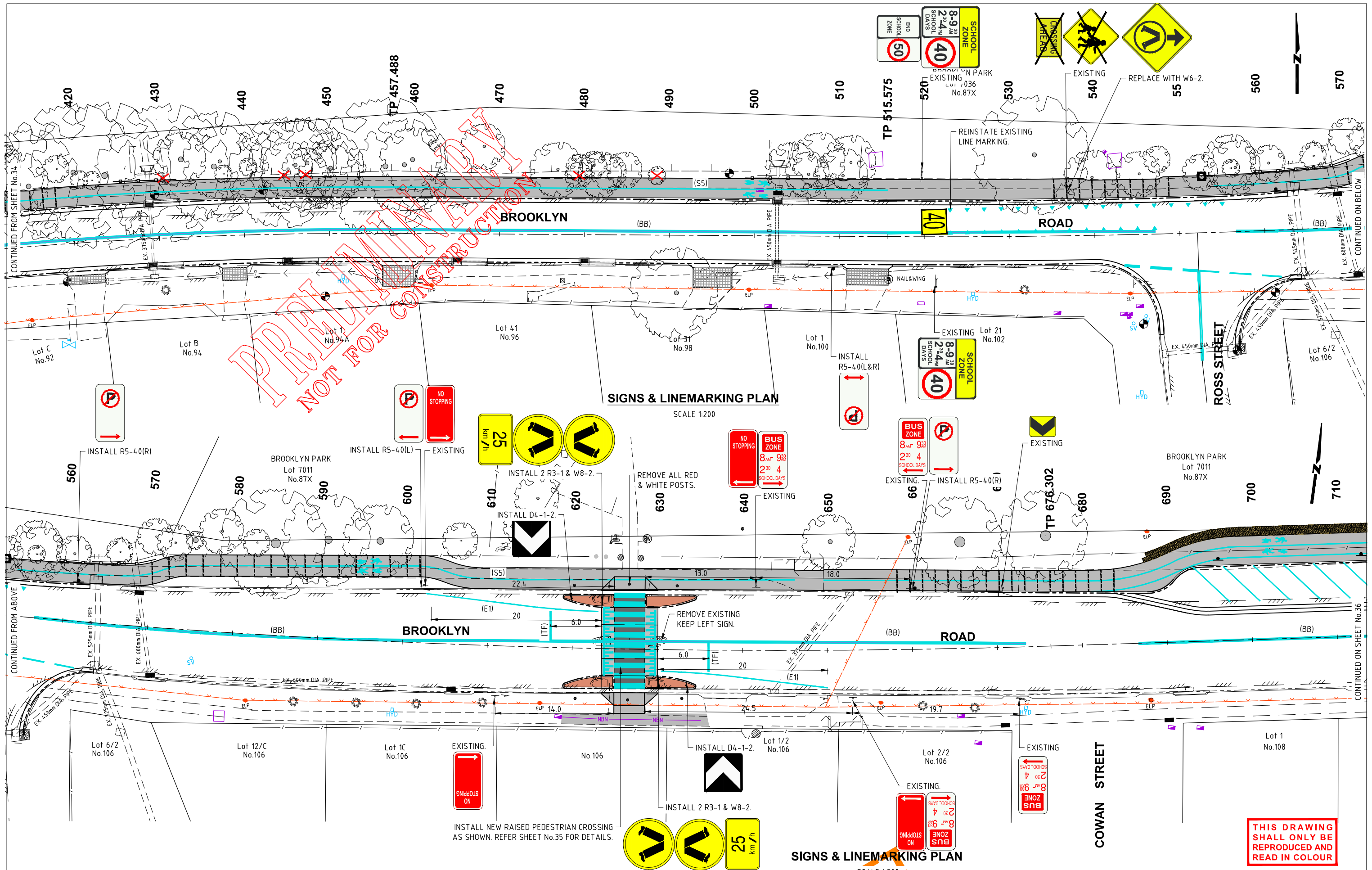
**DRAFT**  
not for construction

**HORNSBY SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630

**BROOKLYN ROAD, BROOKLYN  
ROAD RECONSTRUCTION - HOUSE No.83 TO  
BADEN POWELL AVENUE.**

SIGNS & LINE MARKING PLAN.  
SHEET 2 OF 4

|                                    |                    |                 |                   |
|------------------------------------|--------------------|-----------------|-------------------|
| Project Number<br><b>100939</b>    | Sheet<br><b>34</b> | of<br><b>42</b> | Issue<br><b>1</b> |
| HSC Drawing Number<br><b>29.26</b> |                    |                 |                   |



**SIGNS & LINEMARKING PLAN**

SCALE 1:200

**SIGNS & LINEMARKING PLAN**

SCALE 1:200

**THIS DRAWING SHALL ONLY BE REPRODUCED AND READ IN COLOUR**

**Hornsby Shire Council  
Design & Construction  
Branch**

TELEPHONE: (02) 9847 8666  
FACSIMILE: (02) 9847 6999  
Authorised for release - Manager Design & Construction  
Name: R. RAJCA Signed: \_\_\_\_\_ Date: \_\_\_\_\_

|   |  |
|---|--|
| Designer<br>B RAJAKARUNA  | Design Checked-Design Team Leader<br>Signed: _____ |
| Drawn<br>B RAJAKARUNA   | Drawing Checked<br>Signed: _____                   |
| Surveyor<br>JHART   | Field Book NA<br>Level Book NA<br>Datum GDA94      |
| Project Identifier \\ CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\CAD\Brooklyn Road Stage 4.dwg |  |
| TRIM Document Number<br>TRIM42X   | Issue 1  |

|   |         |         |      |
|---|---------|---------|------|
| ISSUED FOR CONSTRUCTION   | M DRAKE | Initial | Date |
| Description   | Name    | Initial | Date |
| Design not to be amended without authorisation by Manager Design & Construction |         |         |      |

Bar Scales  
0 1 2 3 4 5m  
0 2 4 6 8 10m  
SCALE 1:100 VERTICAL  
1:200 HORIZONTAL  
@ A1

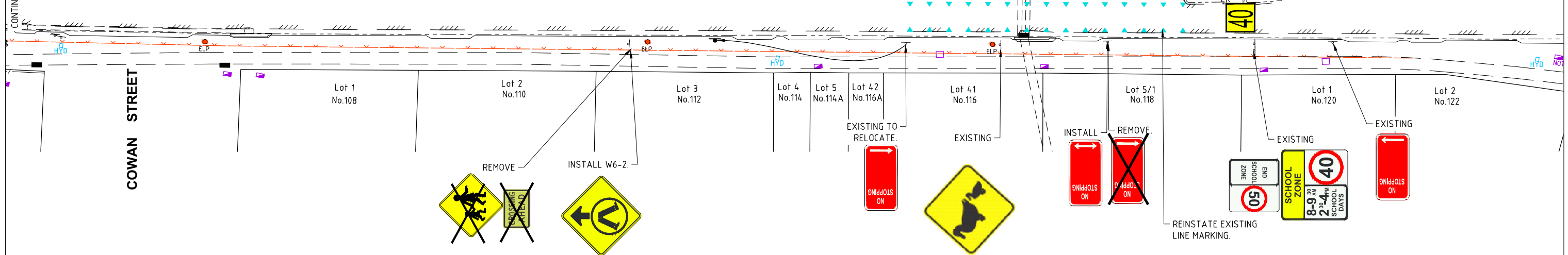
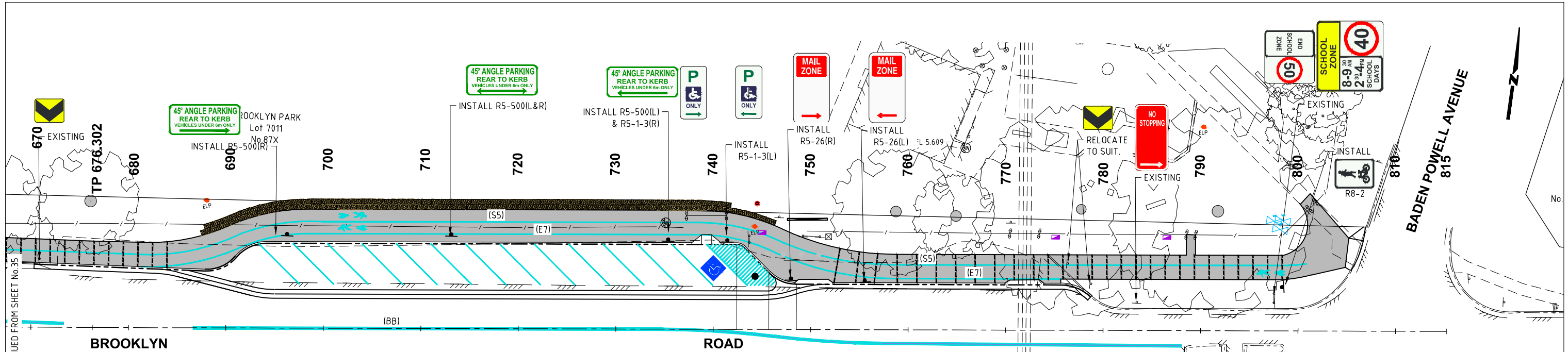
**DRAFT**  
not for construction

**HORNSBY  
SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630

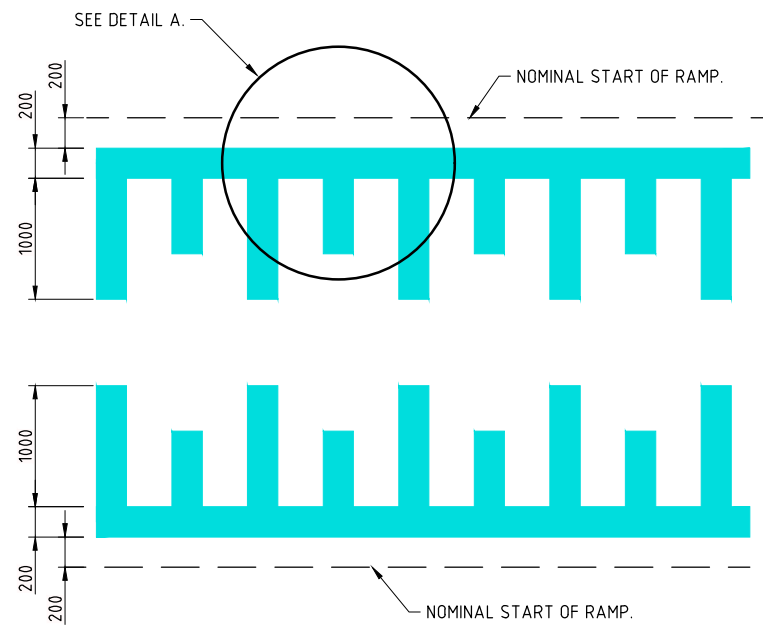
**BROOKLYN ROAD, BROOKLYN  
ROAD RECONSTRUCTION - HOUSE No.83 TO  
BADEN POWELL AVENUE.**

SIGNS & LINE MARKING PLAN.  
SHEET 3 OF 4

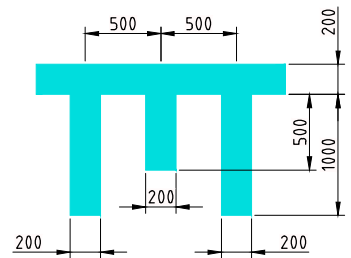
|                                    |                    |                 |                   |
|------------------------------------|--------------------|-----------------|-------------------|
| Project Number<br><b>100939</b>    | Sheet<br><b>35</b> | of<br><b>42</b> | Issue<br><b>1</b> |
| HSC Drawing Number<br><b>29.26</b> |                    |                 |                   |



**SIGNS & LINEMARKING PLAN**  
SCALE 1:200



**PAVEMENT MARKING FOR ROAD HUMPS**  
NOT TO SCALE



**DETAIL A**  
NOT TO SCALE

**THIS DRAWING SHALL ONLY BE REPRODUCED AND READ IN COLOUR**

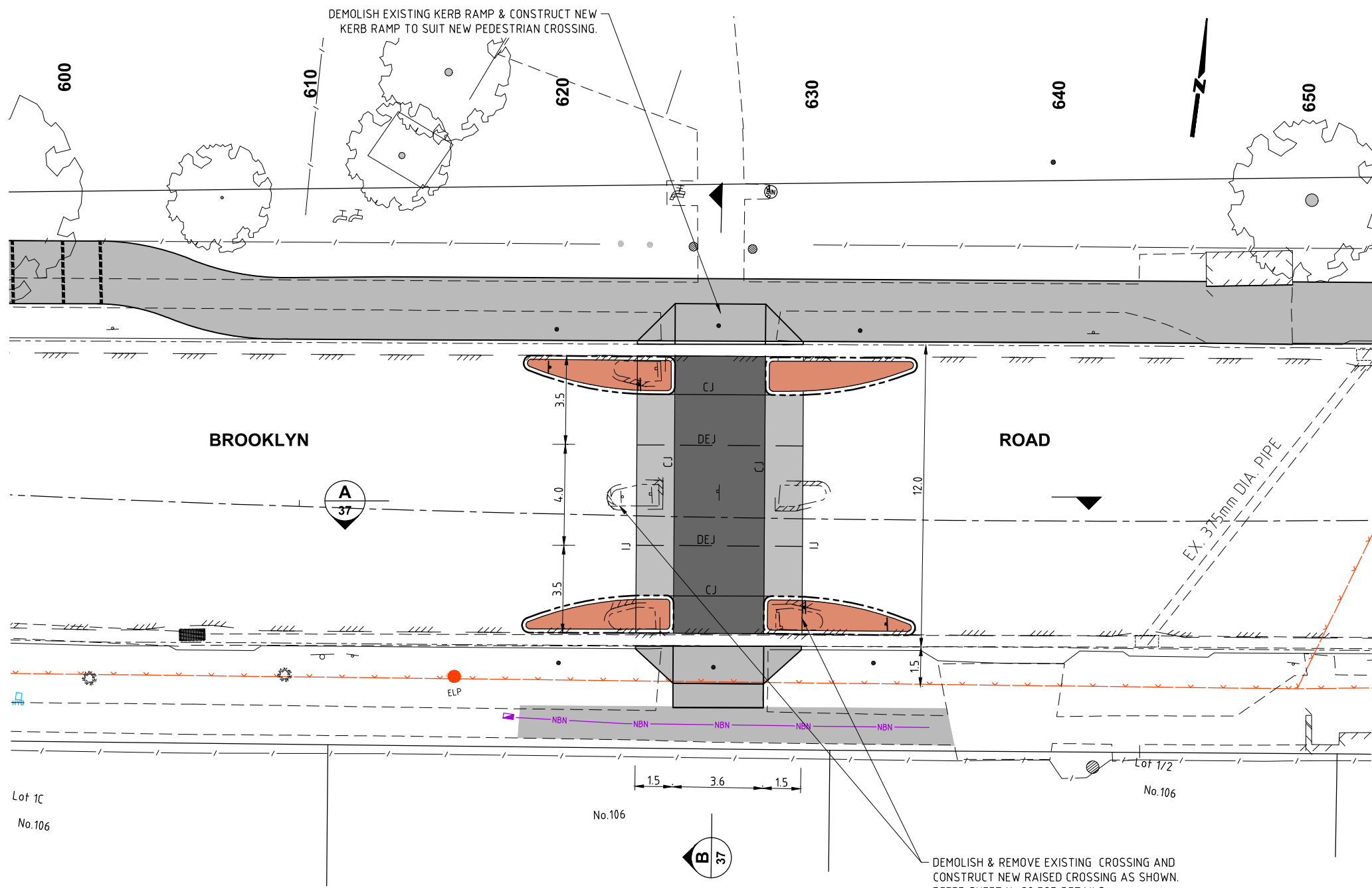
**Hornsby Shire Council**  
Design & Construction Branch  
TELEPHONE (02) 9847 6666  
FACSIMILE (02) 9847 6999  
Authorised for release - Manager Design & Construction  
Name: R. RAJCA Signed: Date:

|   |  |                  |                         |         |      |
|---|--|------------------|-------------------------|---------|------|
| Designer<br>B RAJAKARUNA<br>Signed:   | Design Checked-Design Team Leader<br>Signed: |                  |                         |         |      |
| Drawn<br>B RAJAKARUNA<br>Signed:  | Design Checked<br>Signed:                    |                  |                         |         |      |
| Surveyor<br>J.HART  | NA<br>Field Book                             | NA<br>Level Book | GDA94<br>Datum          |         |      |
| Project Identifier\CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg |  | 1                | ISSUED FOR CONSTRUCTION | M DRAKE |      |
| TRIM Document Number<br>TRIM42X   | Issue  | Description      | Name                    | Initial | Date |
| Design not to be amended without authorisation by Manager Design & Construction   |  |                  |                         |         |      |

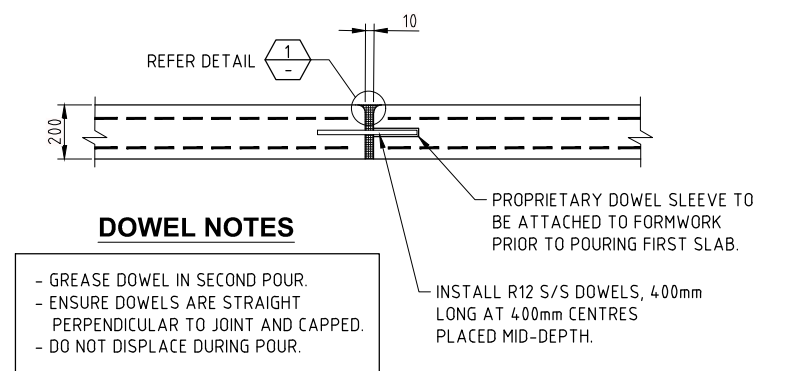
Bar Scales  
0 1 2 3 4 5m  
SCALE 1:100 VERTICAL  
1:200 HORIZONTAL  
@ A1  
DRAFT not for construction  
**HORNSBY SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630

**BROOKLYN ROAD, BROOKLYN**  
**ROAD RECONSTRUCTION - HOUSE No.83 TO**  
**BADEN POWELL AVENUE.**  
SIGN & LINE MARKING PLAN.  
SHEET 4 OF 4

|                                    |                          |                   |
|------------------------------------|--------------------------|-------------------|
| Project Number<br><b>100939</b>    | Sheet of<br><b>36 42</b> | Issue<br><b>1</b> |
| HSC Drawing Number<br><b>29.26</b> |                          |                   |



**PLAN**  
SCALE 1:100



**DOWEL NOTES**

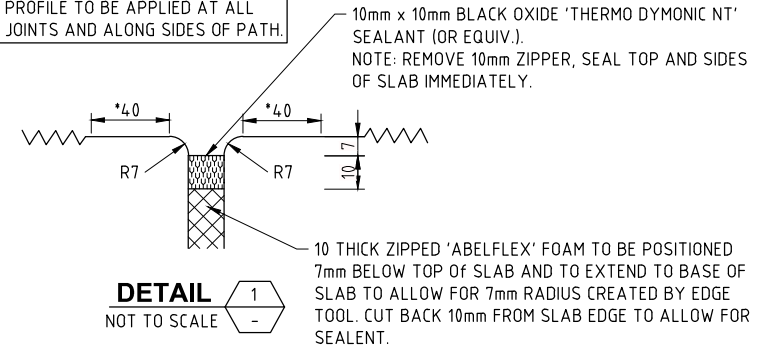
- GREASE DOWEL IN SECOND POUR.
- ENSURE DOWELS ARE STRAIGHT PERPENDICULAR TO JOINT AND CAPPED.
- DO NOT DISPLACE DURING POUR.

**DOWELLED EXPANSION JOINT (DEJ)**

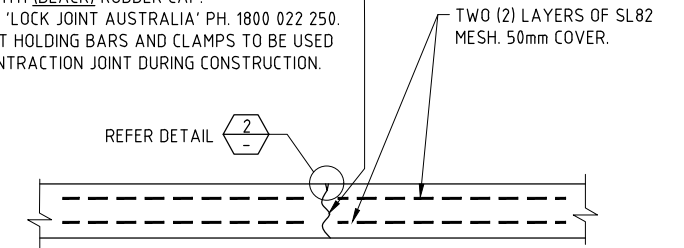
NOT TO SCALE

**\*TOOLED FINISH**

THE SAME TOOL EDGE FINISHING PROFILE TO BE APPLIED AT ALL JOINTS AND ALONG SIDES OF PATH.

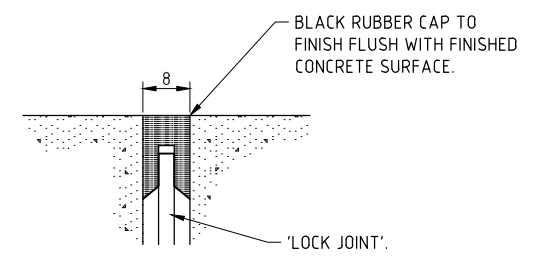


'LOCK JOINT' CONTRACTION JOINT SIZED TO SUIT WITH (BLACK) RUBBER CAP. MANUFACTURER: 'LOCK JOINT AUSTRALIA' PH. 1800 022 250. NOTE: LOCK JOINT HOLDING BARS AND CLAMPS TO BE USED TO SUPPORT CONTRACTION JOINT DURING CONSTRUCTION.

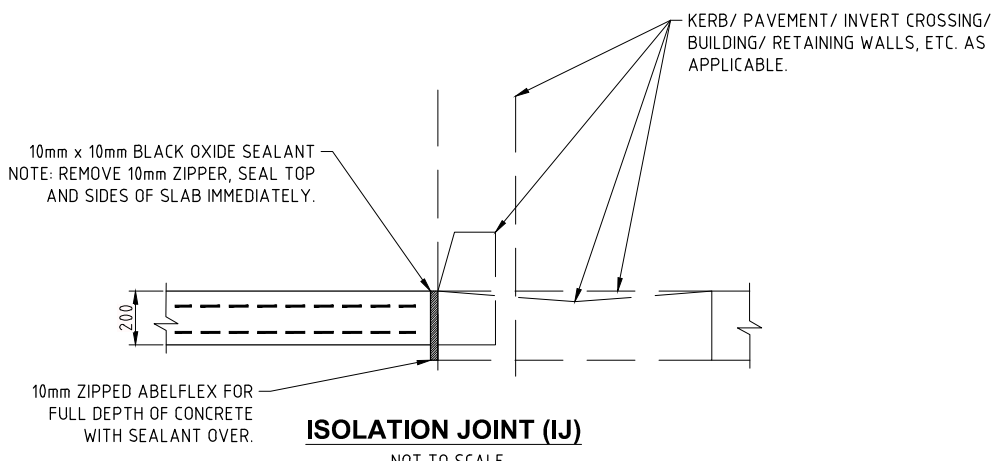


**CONTRACTION JOINT (CJ)**

NOT TO SCALE



**DETAIL 2**  
NOT TO SCALE



**WARNING**  
**BEWARE OF UNDERGROUND SERVICES**  
THE LOCATIONS OF UNDERGROUND SERVICES HAVE BEEN INTERPOLATED FROM KNOWN POSITIONS OF VALVES, MANHOLES ETC. AND/OR INFORMATION SUPPLIED BY SERVICE AUTHORITIES. NO RESPONSIBILITY IS TAKEN FOR THE ACCURACY OF THE INTERPOLATED INFORMATION SUPPLIED. ENSURE ALL SERVICES ARE ACCURATELY LOCATED PRIOR TO COMMENCEMENT OF WORK.

× **WARNING MAJOR OPTICAL FIBRE CABLES IN THIS AREA. OPTUS HAVE ADVISED THEY BE CONTACTED IF ENCROACHMENT DISTANCES ARE COMPROMISED. PH. 1800 505 777(OPTUS)**

REFER TO SHEET No.35 FOR SIGNS AND LINE MARKING DETAILS.

**Hornsby Shire Council**  
**Design & Construction**  
**Branch**  
TELEPHONE (02) 9847 6666  
FACSIMILE (02) 9847 6999

|   |  |  |   |  |              |
|---|--|--|---|--|--------------|
| Designer<br>B RAJAKARUNA<br>Signed:   | Design Checked-Design Team Leader<br>Signed: |  |   |  |              |
| Drawn<br>B RAJAKARUNA<br>Signed:  | Drawing Checked<br>Signed:                   |  |   |  |              |
| Surveyor<br>JHART   | NA<br>Field Book                             | NA<br>Level Book                       | GDA94<br>Datum  |  |              |
| Project Identifier\CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg | 1  |  |   |  |              |
| TRIM Document Number<br>TRIM42X   | Issue  | ISSUED FOR CONSTRUCTION<br>Description | M DRAKE<br>Name   |  | Initial Date |
| Name: R. RAJCA  | Signed:                                      | Date:                                  | Design not to be amended without authorisation by Manager Design & Construction |  |              |

Bar Scales

0 1 2 3 4 5m  
0 2 4 6 8 10m

SCALE 1:100 VERTICAL  
1:200 HORIZONTAL  
@ A1

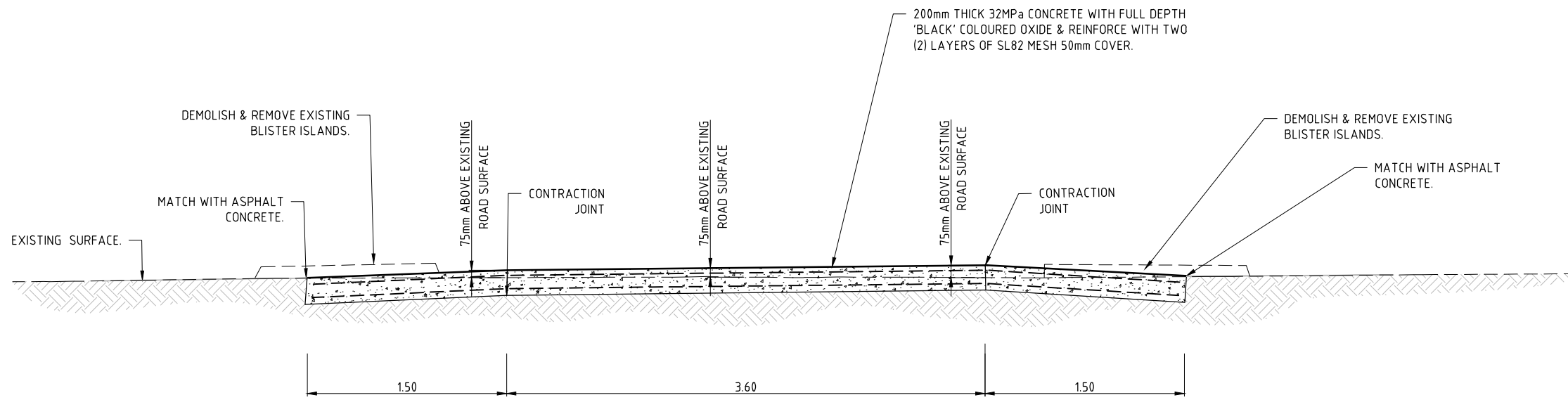
**DRAFT**  
not for construction

**HORNSBY**  
**SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630

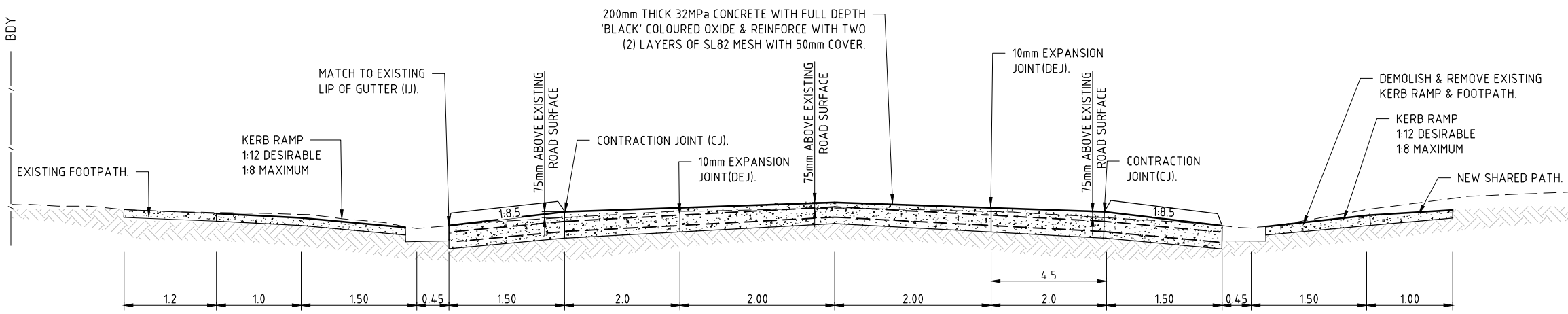
**BROOKLYN ROAD, BROOKLYN**  
**ROAD RECONSTRUCTION - HOUSE No.83 TO**  
**BADEN POWELL AVENUE.**

PEDESTRIAN CROSSING GENERAL WORKS & SERVICES PLAN & CONCRETE JOINT DETAILS.

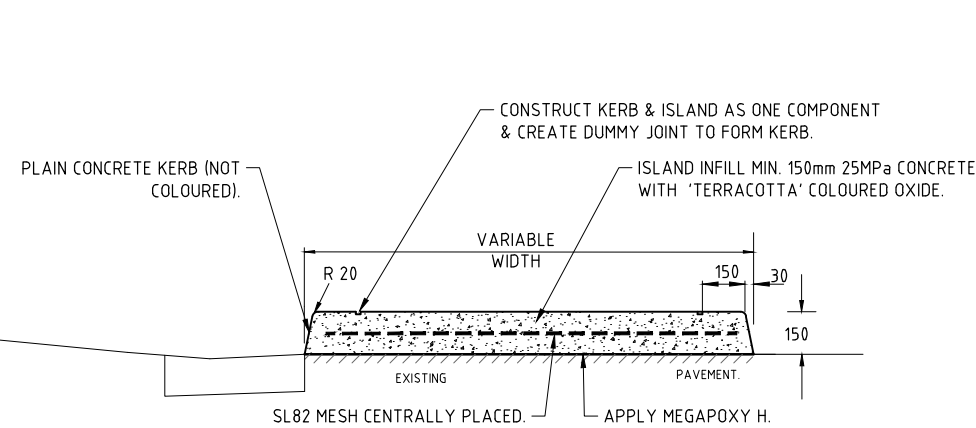
|                                    |                    |                 |                   |
|------------------------------------|--------------------|-----------------|-------------------|
| Project Number<br><b>100939</b>    | Sheet<br><b>37</b> | of<br><b>42</b> | Issue<br><b>1</b> |
| HSC Drawing Number<br><b>29.26</b> |                    |                 |                   |



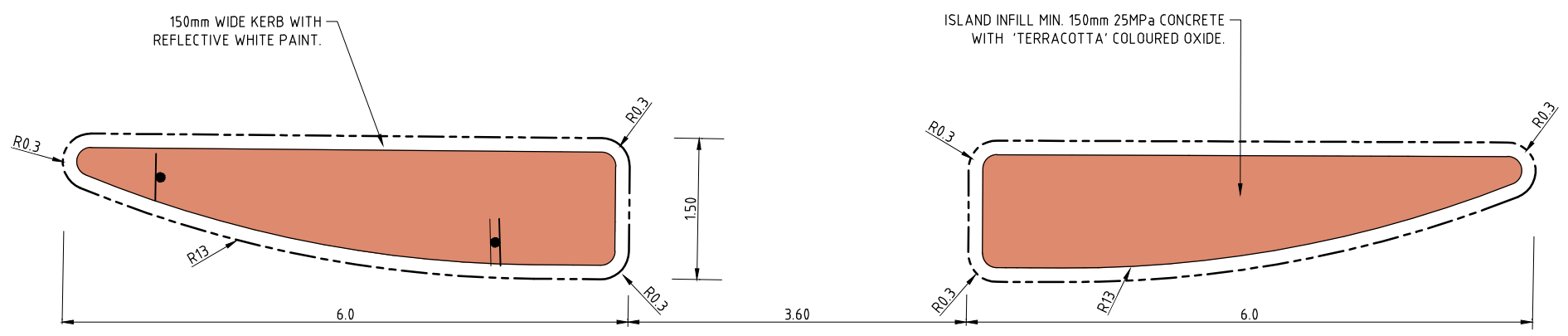
**SECTION A**  
SCALE N.T.S. 36



**SECTION B**  
SCALE N.T.S. 36



**TYPICAL SECTION OF KERB BLISTER ISLAND**  
NOT TO SCALE



**KERB BLISTER ISLAND (NORTHERN SIDE) SETOUT PLAN**  
NOT TO SCALE

**Hornsby Shire Council**  
Design & Construction  
Branch

TELEPHONE (02) 9847 6666  
FACSIMILE (02) 9847 6999

Authorised for release - Manager Design & Construction  
Name: R. RAJCA Signed: Date:

|   |  |                  |                         |         |      |
|---|--|------------------|-------------------------|---------|------|
| Designer<br>B RAJAKARUNA<br>Signed:   | Design Checked-Design Team Leader<br>Signed: |                  |                         |         |      |
| Drawn<br>B RAJAKARUNA<br>Signed:  | Drawing Checked<br>Signed:                   |                  |                         |         |      |
| Surveyor<br>JHART   | NA<br>Field Book                             | NA<br>Level Book | GDA94<br>Datum          |         |      |
| Project Identifier\CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg |  | 1                | ISSUED FOR CONSTRUCTION | M DRAKE |      |
| TRIM Document Number<br>TRIM42X   | Issue  | Description      | Name                    | Initial | Date |
| Design not to be amended without authorisation by Manager Design & Construction   |  |                  |                         |         |      |

Bar Scales

0 1 2 3 4 5m  
SCALE 1:100 VERTICAL  
1:200 HORIZONTAL  
@ A1

**DRAFT**  
not for construction

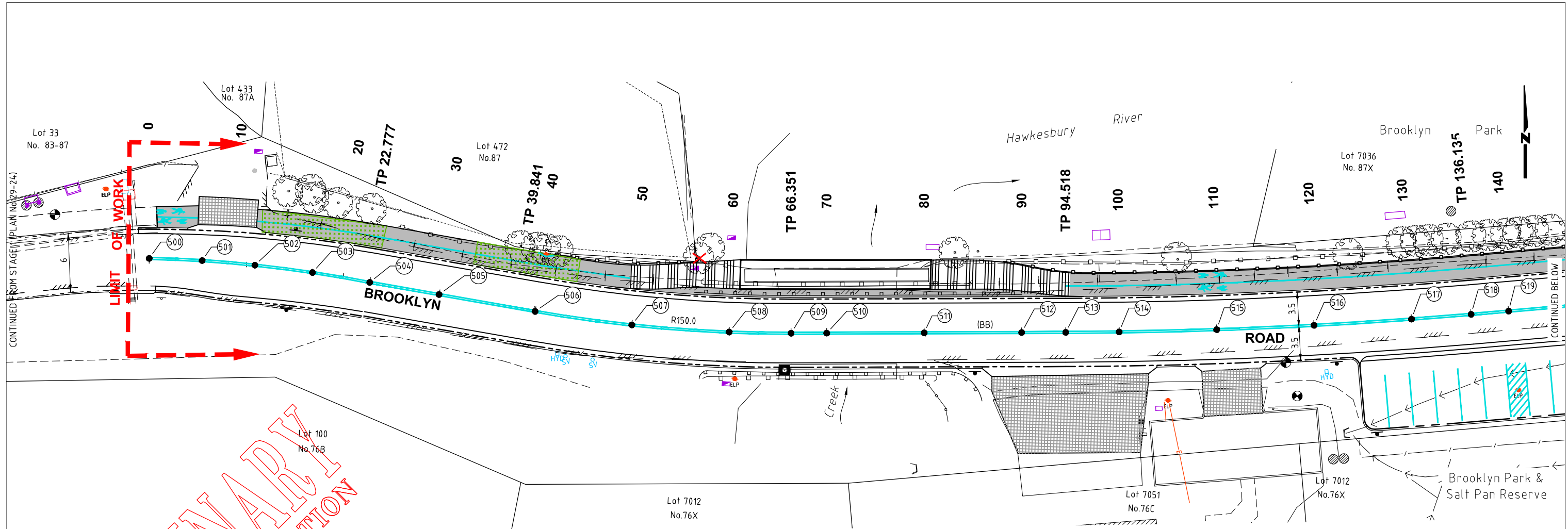
**HORNSBY SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630

**BROOKLYN ROAD, BROOKLYN ROAD RECONSTRUCTION - HOUSE No.83 TO BADEN POWELL AVENUE.**

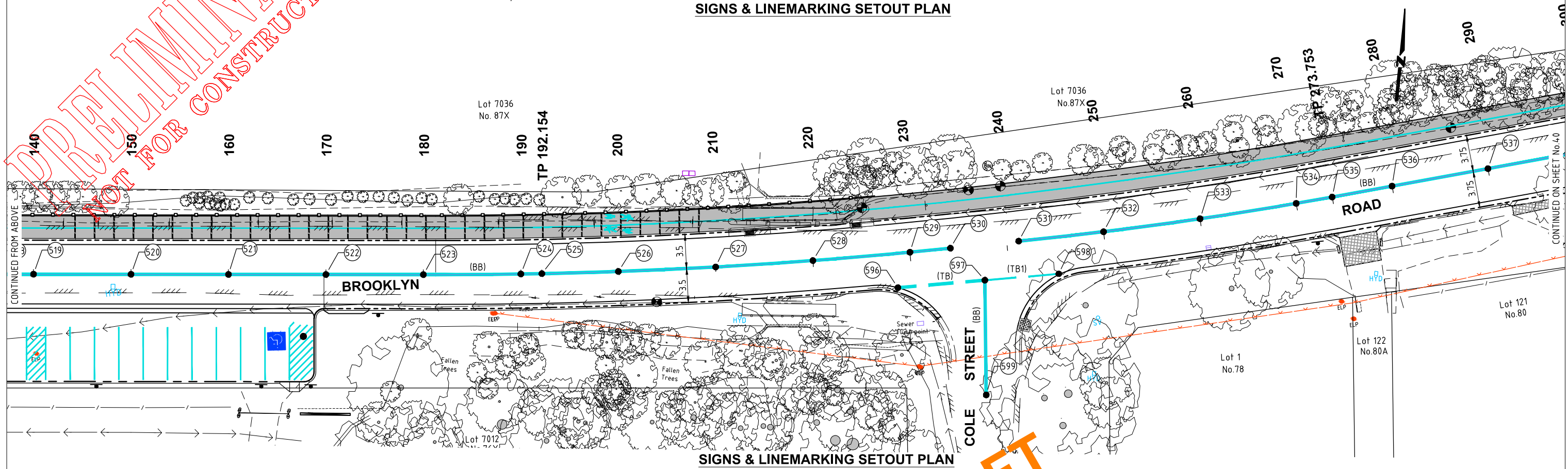
PEDESTRIAN CROSSING SECTIONS & DETAILS.

|                                    |                          |                   |
|------------------------------------|--------------------------|-------------------|
| Project Number<br><b>100939</b>    | Sheet of<br><b>38 42</b> | Issue<br><b>1</b> |
| HSC Drawing Number<br><b>29.26</b> |                          |                   |





SIGNS & LINEMARKING SETOUT PLAN



SIGNS & LINEMARKING SETOUT PLAN

**Hornsby Shire Council**  
**Design & Construction**  
**Branch**  
 TELEPHONE: (02) 9847 6666  
 FACSIMILE: (02) 9847 6999  
 Authorised for release - Manager Design & Construction  
 Name: R. RAJCA Signed: \_\_\_\_\_ Date: \_\_\_\_\_

|   |  |
|---|--|
| Designer<br>B RAJAKARUNA  | Design Checked-Design Team Leader<br>Signed: _____ |
| Drawn<br>B RAJAKARUNA   | Drawing Checked<br>Signed: _____                   |
| Surveyor<br>J.HART  | Field Book: NA<br>Level Book: NA<br>Datum: GDA94   |
| Project Identifier \ CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg |  |
| TRIM Document Number<br>TRIM42X   | Issue: 1   |

|   |         |         |      |
|---|---------|---------|------|
| ISSUED FOR CONSTRUCTION   | M DRAKE | Initial | Date |
| Description   | Name    | Initial | Date |
| Design not to be amended without authorisation by Manager Design & Construction |         |         |      |

Bar Scales  
 0 1 2 3 4 5m  
 0 2 4 6 8 10m  
 SCALE 1:100 VERTICAL  
 1:200 HORIZONTAL  
 @ A1  
 DO NOT SCALE, USE FIGURED DIMENSIONS ONLY

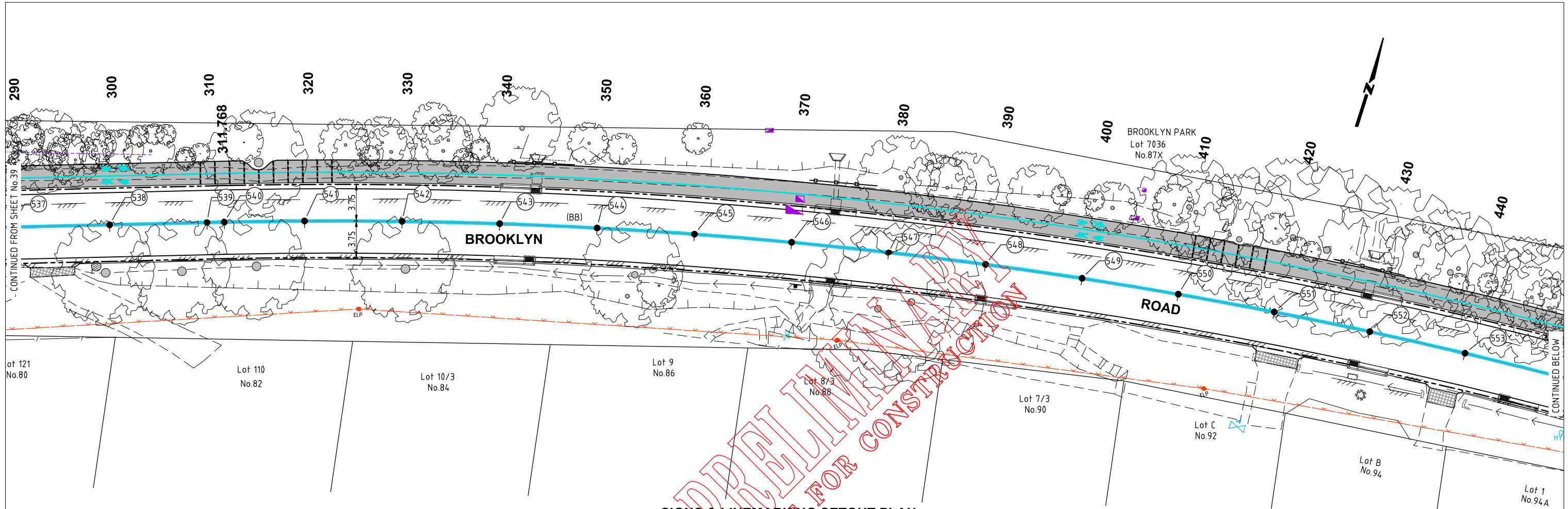
**DRAFT**  
 not for construction

**HORNSBY**  
**SHIRE COUNCIL**  
 PO BOX 37, HORNSBY NSW 1630

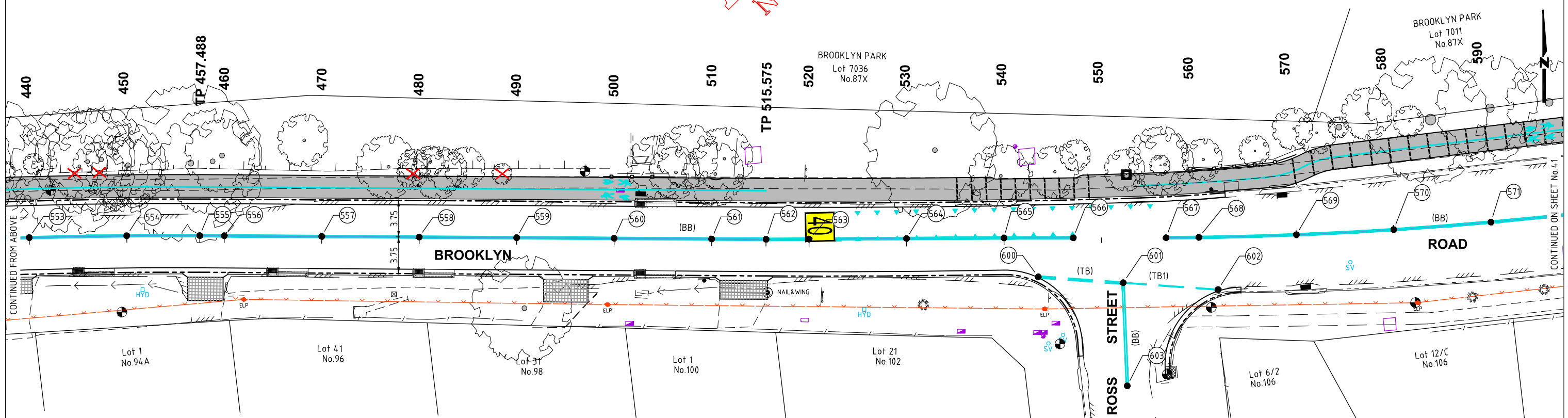
**BROOKLYN ROAD, BROOKLYN**  
**ROAD RECONSTRUCTION - HOUSE No.83 TO**  
**BADEN POWELL AVENUE.**

SIGNS & LINE MARKING SETOUT PLAN.  
 SHEET 1 OF 3

|                             |             |          |            |
|-----------------------------|-------------|----------|------------|
| Project Number<br>100939    | Sheet<br>39 | of<br>42 | Issue<br>1 |
| HSC Drawing Number<br>29.26 |             |          |            |

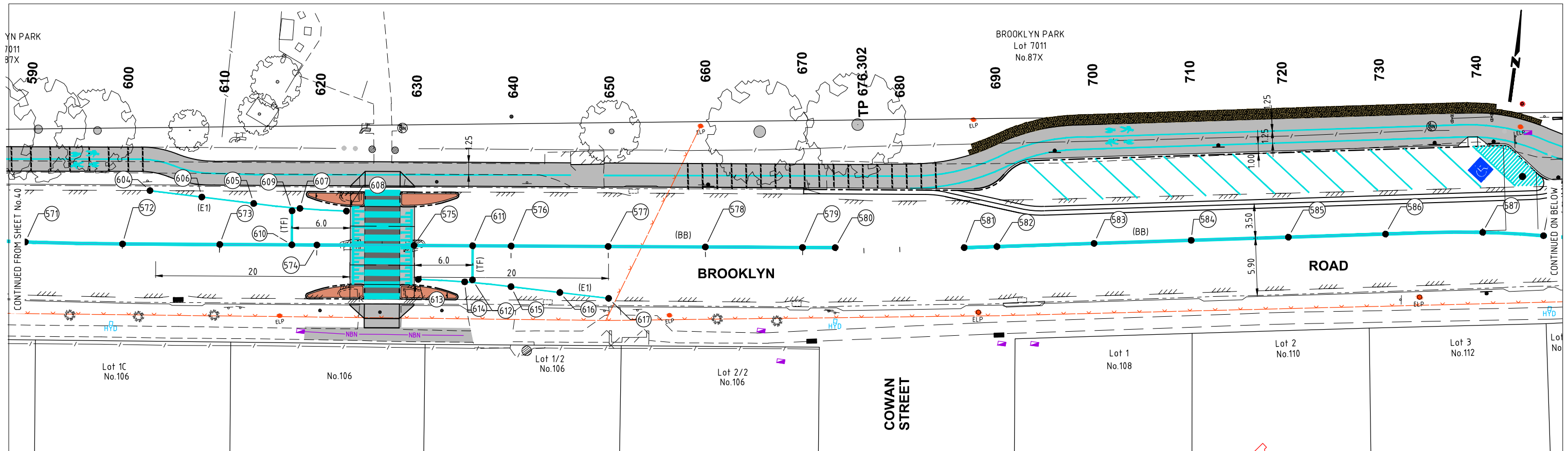


**SIGNS & LINEMARKING SETOUT PLAN**

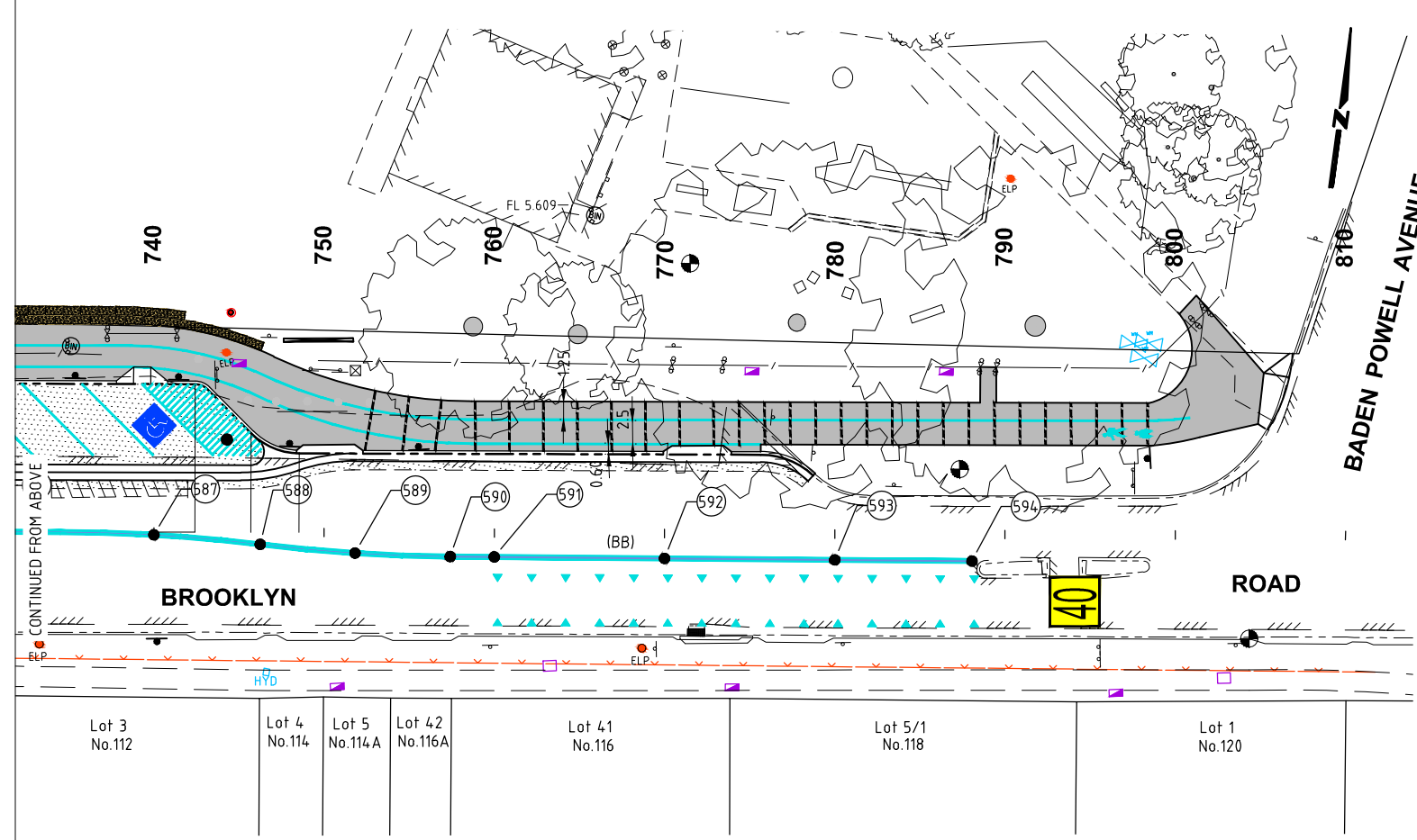


**SIGNS & LINEMARKING SETOUT PLAN**

|   |  |   |  |  |  |   |   |   |   |
|---|--|---|--|--|--|---|---|---|---|
| <b>Hornsby Shire Council</b><br><b>Design &amp; Construction</b><br><b>Branch</b><br>TELEPHONE (02) 9847 6666<br>FACSIMILE (02) 9847 6999<br>Authorised for release - Manager Design & Construction<br>Name: R. RAJCA Signed: _____ Date: _____ | Designer<br><b>B RAJAKARUNA</b><br>Signed: _____<br>Design Checked-Design Team Leader<br>Signed: _____ | Drawn<br><b>B RAJAKARUNA</b><br>Signed: _____ | Surveyor<br><b>JHART</b><br>Signed: _____<br>Project Identifier\CAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg<br>TRIM Document Number<br><b>TRIM42X</b> | NA<br>Field Book<br>NA<br>Level Book<br>GDA94<br>Datum | 1<br>Issue<br>Description<br><b>ISSUED FOR CONSTRUCTION</b><br>Name<br><b>M DRAKE</b><br>Initial<br>Date | Bar Scales<br>0 1 2 3 4 5m<br>SCALE 1:100 VERTICAL<br>1:200 HORIZONTAL<br>@ A1<br>DO NOT SCALE, USE FIGURED DIMENSIONS ONLY | <b>DRAFT</b><br>not for construction<br><b>HORNSBY</b><br><b>SHIRE COUNCIL</b><br>PO BOX 37, HORNSBY NSW 1630 | <b>BROOKLYN ROAD, BROOKLYN</b><br><b>ROAD RECONSTRUCTION - HOUSE No.83 TO</b><br><b>BADEN POWELL AVENUE.</b><br>SIGNS & LINE MARKING SETOUT PLAN.<br>SHEET 2 OF 3 | Project Number<br><b>100939</b><br>Sheet of Issue<br><b>40 42 1</b><br>HSC Drawing Number<br><b>29.26</b> |
|   | Design not to be amended without authorisation by Manager Design & Construction                        |   |  |  |  |   |   |   |   |



**SIGNS & LINEMARKING SETOUT PLAN**



**SIGNS & LINEMARKING SETOUT PLAN**

**PRELIMINARY**  
**NOT FOR CONSTRUCTION**

|   |   |  |                              |  |   |   |
|---|---|--|------------------------------|--|---|---|
| <b>Hornsby Shire Council</b><br><b>Design &amp; Construction</b><br><b>Branch</b><br>TELEPHONE: (02) 9847 8666<br>FACSIMILE: (02) 9847 8999<br>Authorised for release - Manager Design & Construction<br>Name: R. RAJCA Signed: _____ Date: _____ | Designer<br><b>B RAJAKARUNA</b><br>Signed: _____<br>Design Checked-Design Team Leader<br>Drawn<br><b>B RAJAKARUNA</b><br>Signed: _____<br>Drawing Checked<br>Surveyor<br><b>J.HART</b><br>Field Book NA Level Book NA Datum GDA94<br>Project Identifier\VCAD File Name<br>H:\PROJECTS\Brooklyn Road Shared Path_TR_101575\Design\ACAD\Brooklyn Road Stage 4.dwg<br>TRIM Document Number<br><b>TRIM42X</b> | 1<br>ISSUED FOR CONSTRUCTION<br>Description<br>Design not to be amended without authorisation by Manager Design & Construction | M DRAKE<br>Name Initial Date | Bar Scales<br>0 1 2 3 4 5m<br>0 2 4 6 8 10m<br>SCALE 1:100 VERTICAL<br>1:200 HORIZONTAL<br>@ A1<br>DO NOT SCALE, USE FIGURED DIMENSIONS ONLY | <b>BROOKLYN ROAD, BROOKLYN</b><br><b>ROAD RECONSTRUCTION - HOUSE No.83 TO</b><br><b>BADEN POWELL AVENUE.</b><br>SIGNS & LINE MARKING SETOUT PLAN.<br>SHEET 3 OF 3 | Project Number<br><b>100939</b><br>Sheet of Issue<br><b>41 42 1</b><br>HSC Drawing Number<br><b>29.26</b> |
|   | <b>DRAFT</b><br>not for construction<br><b>HORNSBY</b><br><b>SHIRE COUNCIL</b><br>PO BOX 37, HORNSBY NSW 1630   |  |                              |  |   |   |