

KERB & CHANNEL RENEWAL PROJECT

INGHAM, HINCHINBROOK SHIRE COUNCIL

FOR HINCHINBROOK SHIRE COUNCIL



LOCALITY PLAN
SCALE 1:5000


| DRAWING SCHEDULE | |
|------------------|--|
| DRAWING NO. | DRAWING TITLE |
| C001 | LOCALITY PLAN & DRAWING SCHEDULE |
| C002 | SAFETY IN DESIGN REPORT |
| C003 | TYPICAL DETAILS AND SECTION - SITE A & SITE B |
| C004 | KERB RECONSTRUCTION LAYOUT - SITE A |
| C005 | KERB RECONSTRUCTION LAYOUT - SITE B SHEET 1 OF 3 |
| C006 | KERB RECONSTRUCTION LAYOUT - SITE B SHEET 2 OF 3 |
| C007 | KERB RECONSTRUCTION LAYOUT - SITE B SHEET 3 OF 3 |

DESIGN APPROVED

Date: 16/12/21

Name: M. ACCORNERO

Signature: *M. Accornero*

| | | | | | | | | |
|---|------------------------|------|--|--|---|--|--|--|
| FOR CONSTRUCTION | | | |  TOWNSVILLE OFFICE 84 DENHAM STREET PO BOX 1110 TOWNSVILLE, QLD 4810 PH: (07) 4772 0666 WEB: www.premise.com.au | DESIGNED: G.FYSH CHECKED: A.PEASE PROJECT MANAGER: A.PEASE ENGINEERING CERTIFICATION: A.PEASE RPEQ 22556 | SCALE 0 100 200 300m SCALE 1:5000 (A1) ORIGINAL SHEET SIZE A1 | CLIENT: HINCHINBROOK SHIRE COUNCIL PROJECT: KERB AND CHANNEL RENEWAL PROJECT LOCATION: ROATI, ROW, DRUERY, KEHL, & LEHANE STREET - INGHAM, QUEENSLAND SHEET TITLE: LOCALITY PLAN & DRAWING SCHEDULE | JOB CODE: HSC-0038 SHEET NUMBER: C001 REV: A |
| 13/09/21 DATE 13/09/21 REV 13/09/21 DESCRIPTION REVISIONS | GF PP REC APP | 8433 | | | | | | |

DESIGN HAZARD SCHEDULE

| ITEM | DESIGN HAZARD | POTENTIAL HAZARD | RISK | ELIMINATION / MINIMISATION OF HAZARD / RISK | RESIDUAL RISK |
|------|----------------------|---|----------|---|---------------|
| D1 | ROAD OBSTACLE HAZARD | DRUERY STREET AND KEHL STREET HAVE HAD THEIR SEALED PAVEMENTS WIDENED TO INCREASE THE WIDTH OF TRAFFICABLE LANES. THERE ARE A NUMBER OF BRIDGE ACCESSES WHICH RAMP DOWN WITHIN THE WIDTH OF THE WIDENED LANES WHICH CREATES AN ABRUPT CHANGE IN PAVEMENT CROSSFALL CREATING A POTENTIAL HAZARD. | MODERATE | COUNCIL ADVISED THEY WILL MONITOR AND PROVIDE AN EDGE LINE OUTSIDE THE ALIGNMENT OF THE ACCESS RAMPS IF REQUIRED. | MODERATE |
| D2 | N/A | PREMISE NOTES THAT NO FURTHER UNUSUAL HAZARDS SPECIFIC TO THIS DESIGN HAVE BEEN IDENTIFIED | LOW | N/A | LOW |

DESIGN APPROVED

Date: 16/12/21

Name: M. ACCORNERO

Signature: M. Accornero

CONSTRUCTION HAZARD SCHEDULE

| ITEM | POTENTIAL HAZARD | POSSIBLE PREVENTATIVE ACTION |
|------|--|---|
| C1 | OVERHEAD POWER HAZARD | WARNING SIGNS AND MARKERS SHALL BE ERECTED ADVISING OF THE PRESENCE OF LIVE OVERHEAD CABLES. A REPRESENTATIVE OF THE SUPPLY AUTHORITY SHALL REMAIN ON SITE DURING EARTHWORKS AND ANY OTHER HIGH RISK WORKS, IF REQUIRED. |
| C2 | UNDERGROUND ELECTRICAL, TELECOMMUNICATION, GAS AND WATER MAIN HAZARD | WARNING SIGNS AND MARKERS SHALL BE ERECTED ADVISING OF THE PRESENCE OF THE EXISTING SERVICE. THE SERVICE SHALL BE IDENTIFIED AND MARKED BY THE SUPPLY AUTHORITY PRIOR TO THE COMMENCEMENT OF EXCAVATION. A REPRESENTATIVE OF THE SUPPLY AUTHORITY SHALL REMAIN ON SITE DURING THE EXCAVATION WORK, IF REQUIRED. |
| C3 | WORKS NEAR RAIL, AIRPORTS AND ROADS HAZARD | ALL REQUIRED PERMITS, APPROVALS AND SAFETY REQUIREMENTS FROM THE RELEVANT AUTHORITY SHOULD BE OBTAINED PRIOR TO COMMENCING WORK. A REPRESENTATIVE OF THE RELEVANT AUTHORITY SHALL REMAIN ON SITE DURING CONSTRUCTION WHILE THE HAZARD REMAINS. |
| C4 | PEDESTRIAN ACCESS HAZARD | WORK WITHIN OR ADJACENT TO AREAS WHICH THE PUBLIC REQUIRES PEDESTRIAN ACCESS MUST HAVE APPROPRIATE BARRICADES AND SIGNAGE ERECTED AT ALL TIMES. |
| C5 | POTENTIAL VEHICLE HAZARD | SITE PERSONNEL SHALL BE ADVISED OF THE POTENTIAL HAZARDS AND THE APPROPRIATE PROCEDURES FOR WORKING ADJACENT TO OPERATING PUBLIC ROADS. APPROPRIATE SAFETY CLOTHING SHALL BE WORN AND THE REQUIRED SIGNAGE SHALL BE ERECTED. THE WORKS SHALL BE UNDERTAKEN IN A MANNER WHICH DOES NOT COMPROMISE THE SAFETY OF THE VEHICLE OCCUPANTS OR THE SITE PERSONNEL. |
| C6 | DEMOLITION AND CLEARING HAZARD | SUITABLE QUALIFIED AND EXPERIENCED PERSONNEL SHALL BE RESPONSIBLE FOR THE DEMOLITION AND CLEARING WORKS FOR THE PROJECT AT ALL TIMES. THE CONTRACTORS WORK METHOD STATEMENT SHALL ALSO GIVE CONSIDERATION TO FALLING DEBRIS, COLLAPSE AND DANGEROUS AIRBORNE AGENTS. |
| C7 | TRAFFIC MANAGEMENT HAZARD | SUITABLE QUALIFIED AND EXPERIENCED PERSONNEL SHALL BE RESPONSIBLE FOR THE SAFE AND ORDERLY PASSAGE OF VEHICULAR AND PEDESTRIAN TRAFFIC THROUGH THE PROJECT AT ALL TIMES. THE CONTRACTOR SHALL DEVELOP A TRAFFIC MANAGEMENT PLAN (TMP) FOR THE PROJECT TO ESTABLISH APPROPRIATE CONTROLS IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL. |
| C8 | ASBESTOS HAZARD | ALL PERSONNEL SHOULD BE ADVISED OF THE POTENTIAL PRESENCE OF ASBESTOS AND AN IDENTIFICATION AND ACTION PLAN SHALL BE PUT IN PLACE. SAMPLING AND IDENTIFICATION IS TO BE UNDERTAKEN IN ACCORDANCE WITH WORKPLACE HEALTH AND SAFETY REGULATIONS. IF SAMPLING CONFIRMS THE PRESENCE OF ASBESTOS THEN THE ACTION PLAN IS TO BE IMPLEMENTED TO REMEDIATE THE SITE. |

DESIGN HAZARD NOTES:

- PREMISE AUSTRALIA PTY LTD (PREMISE), HAVING BEEN COMMISSIONED TO CARRY OUT DETAILED DESIGN AND DOCUMENTATION OF THESE WORKS, CONFIRM THAT THE PREMISE DRAWING SET HAS BEEN INTERNALLY REVIEWED FOR DESIGN SAFETY IN ACCORDANCE WITH SECTION 22 OF THE WORK HEALTH AND SAFETY ACT 2011 QLD.
- THIS REPORT SUMMARISES AN INTERNAL REVIEW OF THE PREMISE DETAILED DESIGN DRAWINGS FOR DESIGN SAFETY.
- THIS REPORT IN NO WAY RELIEVES THE PRINCIPAL CONTRACTOR OR ANY OTHER PARTY OF THEIR OWN OBLIGATIONS AND RESPONSIBILITIES UNDER THE WORK HEALTH AND SAFETY ACT 2011 QLD, INCLUDING (BUT NOT LIMITED TO) CONSULTATION WITH THE DESIGNER UNDER SECTION 294 OF THE ACT, THE PREPARATION OF SATISFACTORY SAFE WORK METHOD STATEMENTS AND DUTIES OF CARE.
- IT IS A REQUIREMENT UNDER SECTION 296 OF THE WORK HEALTH AND SAFETY ACT 2011 QLD, THAT A COPY OF THIS REPORT BE PROVIDED TO THE CONTRACTOR BY THE ENTITY COMMISSIONING THE WORK SHOWN ON THE PREMISE DRAWINGS.
- AS PER THE DEPARTMENT OF JUSTICE AND THE ATTORNEY-GENERAL- WORKPLACE HEALTH AND SAFETY QUEENSLAND, A WRITTEN REPORT IS NOT REQUIRED FOR DESIGNS THAT HAVE TYPICAL FEATURES.

CONSTRUCTION HAZARD NOTES:

- UNDER THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011, THE WORK HEALTH AND SAFETY REGULATION 2011 AND OTHER LEGISLATION AND GUIDELINES, THE PRINCIPAL CONTRACTOR HAS SPECIFIC OBLIGATIONS IN RELATION TO THE SAFE OPERATION OF THE SITE AND OF THE WORKS. TO ASSIST THE PRINCIPAL CONTRACTOR IN COMPLYING WITH THESE OBLIGATIONS THE PROJECT DESIGNERS HAVE IDENTIFIED BY DRAWING NOTES, AREAS WHERE POTENTIAL HAZARDS MAY ARISE. THESE NOTES OR ADVICE, SHALL NOT NECESSARILY BE CONSIDERED COMPLETE AND ARE BASED UPON THE DESIGNERS' UNDERSTANDING OF THE SAFETY RISKS ASSOCIATED WITH THE WORKS. THESE NOTES OR ADVICE SHALL NOT RELIEVE THE PRINCIPAL CONTRACTOR OF ANY OBLIGATION UNDER THE RELEVANT LEGISLATION OR GUIDELINE. THE PRINCIPAL CONTRACTOR SHALL REMAIN RESPONSIBLE FOR THE PREPARATION OF AN APPROPRIATE WORK HEALTH SAFETY MANAGEMENT PLAN AND SAFE WORK METHOD STATEMENTS FOR THE SITE.
- PURSUANT TO THE WORK HEALTH AND SAFETY ACT 2011 WE HEREBY ADVISE THAT OUR DESIGN SAFETY REVIEW HAS IDENTIFIED UNUSUAL OR ATYPICAL DESIGN FEATURES THAT MAY PRESENT ADDITIONAL HAZARDS OR RISKS DURING THE CONSTRUCTION PHASE AND THESE ARE LISTED IN THE CONSTRUCTION HAZARD SCHEDULE.

CONSEQUENCE TABLE

| LEVEL | CONSEQUENCE | COST/TIME |
|-------------------|---|-------------------------------|
| 5 - CATASTROPHIC | FATALITY OR MULTIPLE PERSONS ONSITE WITH LIFE THREATENING HEALTH EFFECTS OR INABILITY TO CONTINUE | HUGE FINANCIAL OR TIME LOSS |
| 4 - MAJOR | EXTENSIVE INJURIES, OR ONSET OF SEVERE OR LIFE THREATENING HEALTH EFFECTS TO SINGLE PERSON ONSITE. MULTIPLE PERSONS WITH ONSET OF IRREVERSIBLE HEALTH EFFECTS. PERMANENT INJURY TO PERSON ONSITE. | MAJOR FINANCIAL OR TIME LOSS |
| 3 - MODERATE | MEDICAL TREATMENT REQUIRED. IRREVERSIBLE HEALTH EFFECT TO A SINGLE PERSON. MULTIPLE PERSONS ONSITE WITH REVERSIBLE HEALTH EFFECTS. | HIGH FINANCIAL OR TIME LOSS |
| 2 - MINOR | FIRST AID, SINGLE OR MULTIPLE INJURIES AMONGST PERSONS ONSITE. SINGLE PERSON ONSITE WITH MODERATE SHORT TERM REVERSIBLE HEALTH EFFECTS. | MEDIUM FINANCIAL OR TIME LOSS |
| 1 - INSIGNIFICANT | NO INJURIES. OVER EXPOSURE TO A SINGLE PERSON ONSITE, BUT NO REPORTED HEALTH EFFECTS. | LOW FINANCIAL OR TIME LOSS |

LIKELIHOOD TABLE


| LEVEL | DESCRIPTION | QUANTIFICATION GUIDE |
|--------------------|---|----------------------------|
| A - ALMOST CERTAIN | THE EVENT <u>IS</u> EXPECTED TO OCCUR IN MOST CERTAIN CIRCUMSTANCES | MORE THAN ONCE PER YEAR |
| B - LIKELY | THE EVENT <u>WILL</u> PROBABLY OCCUR IN MOST CIRCUMSTANCES | AT LEAST ONCE IN 5 YEARS |
| C - POSSIBLE | THE EVENT <u>SHOULD</u> OCCUR AT SOME TIME | AT LEAST ONCE IN 10 YEARS |
| D - UNLIKELY | THE EVENT <u>COULD</u> OCCUR AT SOME TIME | AT LEAST ONCE IN 30 YEARS |
| E - RARE | THE EVENT <u>MAY</u> OCCUR IN EXCEPTIONAL CIRCUMSTANCES | LESS THAN ONCE IN 30 YEARS |

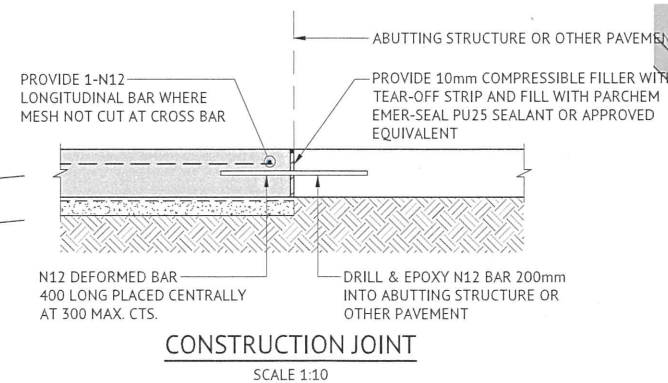
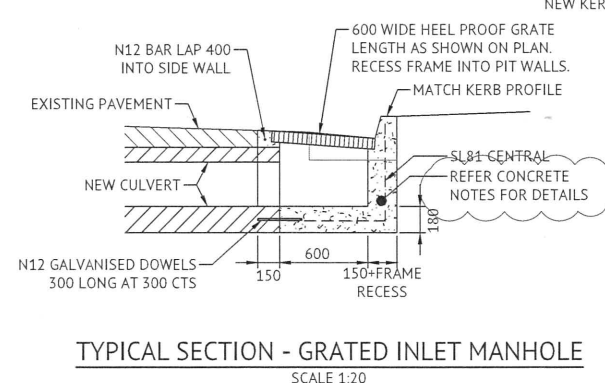
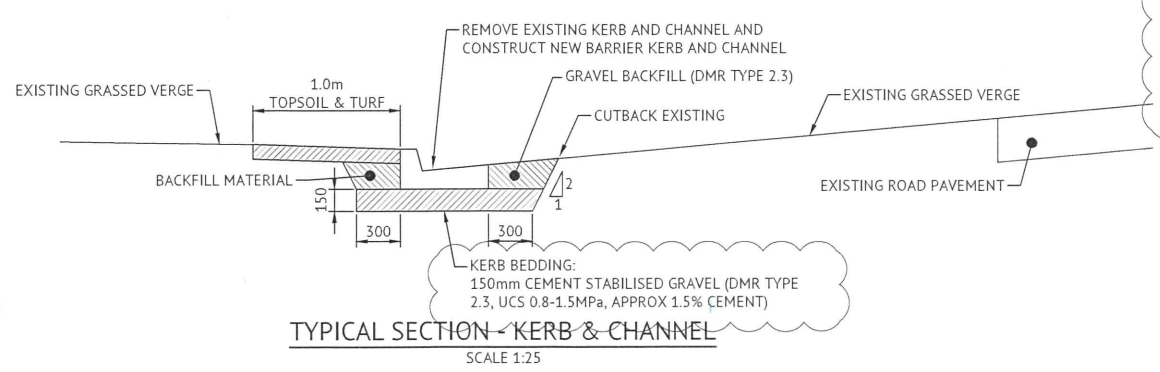
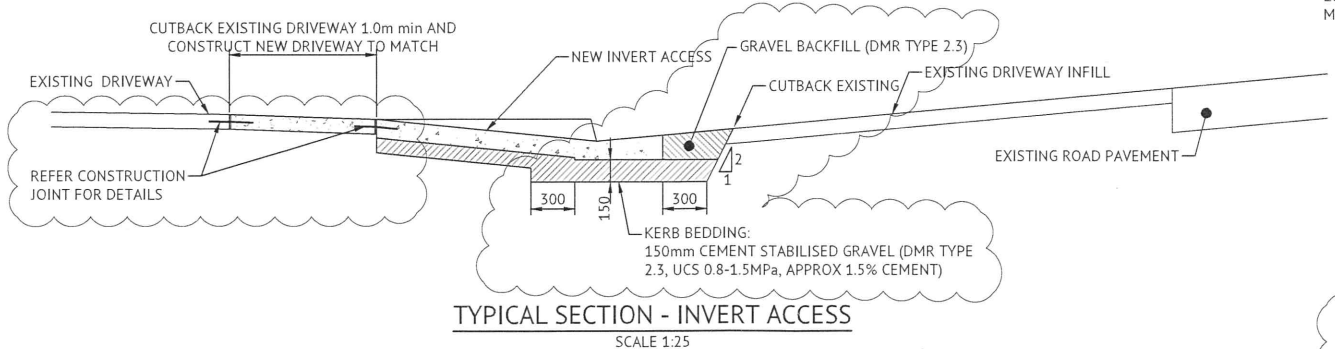
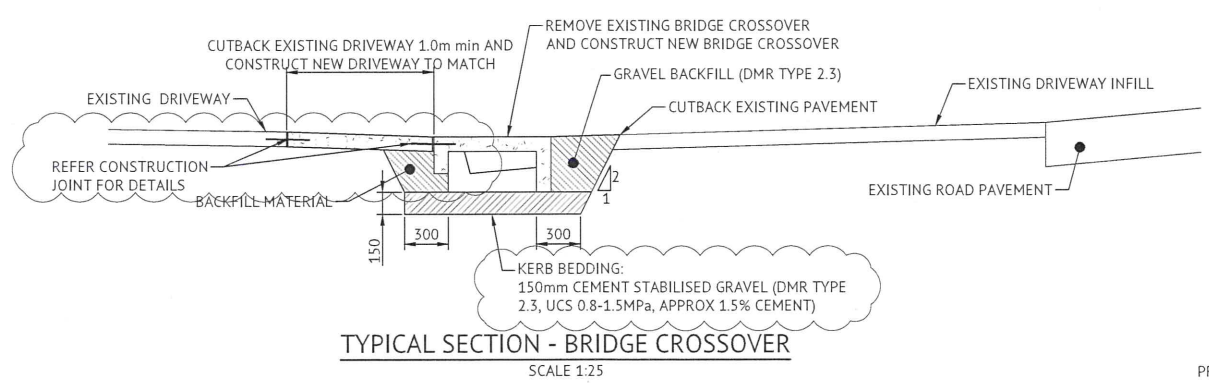
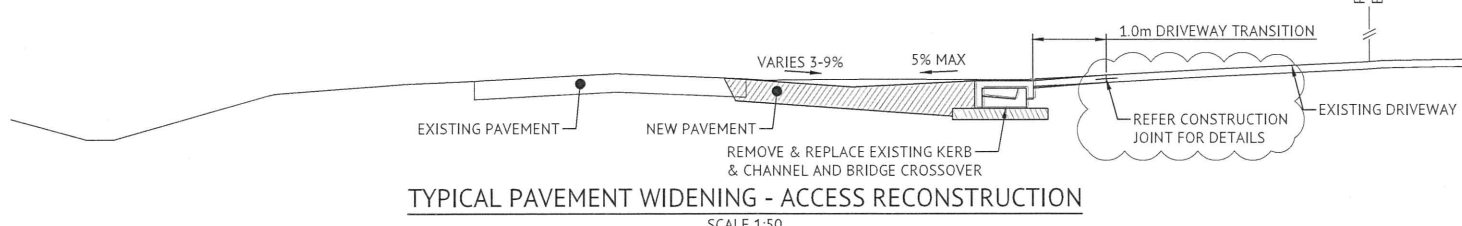
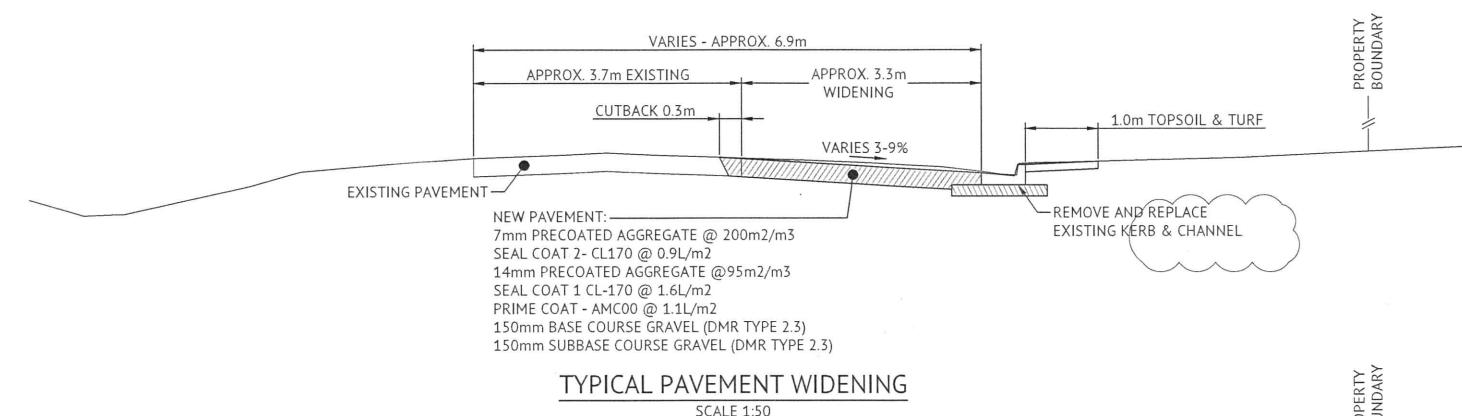
RISK ANALYSIS MATRIX

| | | CONSEQUENCE | | | | |
|------------|--------------------|-------------------|-----------|--------------|-----------|------------------|
| | | 1 - INSIGNIFICANT | 2 - MINOR | 3 - MODERATE | 4 - MAJOR | 5 - CATASTROPHIC |
| LIKELIHOOD | A - ALMOST CERTAIN | MODERATE | HIGH | EXTREME | EXTREME | EXTREME |
| | B - LIKELY | MODERATE | HIGH | HIGH | EXTREME | EXTREME |
| | C - POSSIBLE | LOW | MODERATE | HIGH | EXTREME | EXTREME |
| | D - UNLIKELY | LOW | LOW | MODERATE | HIGH | EXTREME |
| | E - RARE | LOW | LOW | MODERATE | HIGH | HIGH |

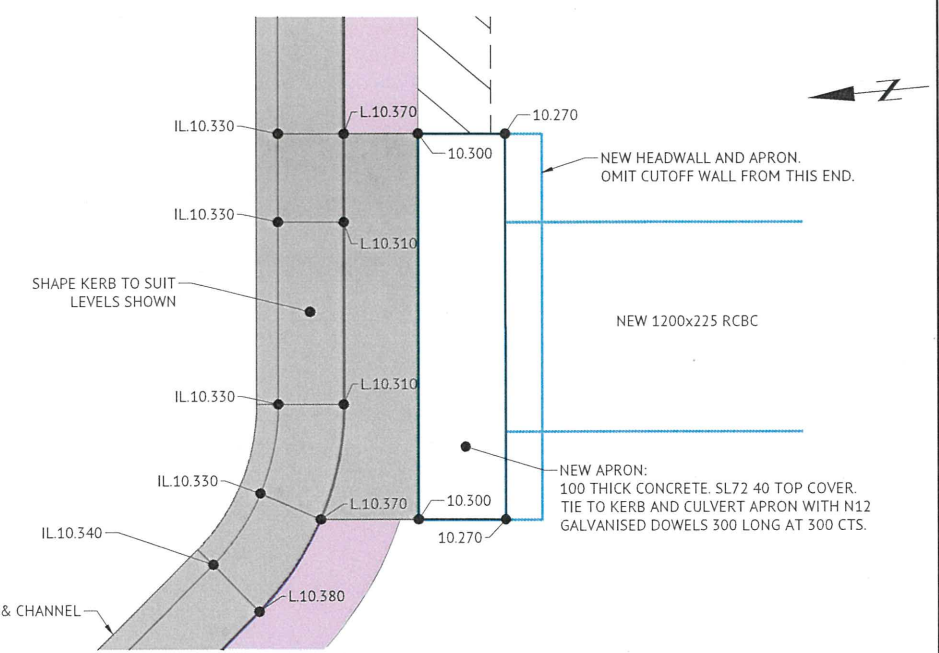
RISK EVALUATION TABLE

| RISK LEVEL | ACTION REQUIRED |
|------------|---|
| EXTREME | UNACCEPTABLE RISK. RE-DESIGN REQUIRED. DO NOT PROCEED WITHOUT ADDITIONAL CONTROLS. |
| HIGH | UNACCEPTABLE RISK. ADDITIONAL CONTROLS NEEDED. CONSIDER FURTHER REVIEW AND CONSIDER RE-DESIGN |
| MODERATE | RISK MAY BE ACCEPTABLE. MANAGEMENT TO DETERMINE ACTIONS REQUIRED |
| LOW | ACCEPTABLE. MANAGE RISK THROUGH ROUTINE PROCEDURES AND OTHER ADMINISTRATIVE CONTROLS |

| | | | | | | | | | | | | |
|------------------|--|-----|-------------------------|---|---|----------------------------|------------------------|--------------------------------|--------------------------------------|----------|---|--|
| FOR CONSTRUCTION | | | |  <div>TOWNSVILLE OFFICE 84 DENHAM STREET PO BOX 1110 TOWNSVILLE, QLD 4810 PH: (07) 4772 0666 WEB: www.premise.com.au</div> | | DESIGNED G.FYSH | | SCALE | CLIENT HINCHINBROOK SHIRE COUNCIL | | JOB CODE HSC-0038 | |
| 13/09/21 | | A | ISSUED FOR CONSTRUCTION | | | GF | AP | | CHECKED A.PEASE | | PROJECT KERB AND CHANNEL RENEWAL PROJECT | |
| DATE | | REV | DESCRIPTION | REC | APP | PROJECT MANAGER A.PEASE | | LOCATION INGHAM, QUEENSLAND | | REV A | | |
| REVISIONS | | | | | ENGINEERING CERTIFICATION A.PEASE RPEQ 22556 | | ORIGINAL SHEET SIZE A1 | | SAFETY IN DESIGN REPORT | | 8434 | |



- CONCRETE NOTES**
1. ALL CONCRETE TO BE IN ACCORDANCE WITH AS 1379 AND AS 3600
 2. CONCRETE TO BE S32.
 3. FORMWORK IN ACCORDANCE WITH AS 3610.
 4. ALL CONCRETE SHALL BE MECHANICALLY VIBRATED. HAND HELD VIBRATORS MUST BE HELD UPRIGHT. CONCRETE MUST NOT BE SPREAD USING VIBRATOR.

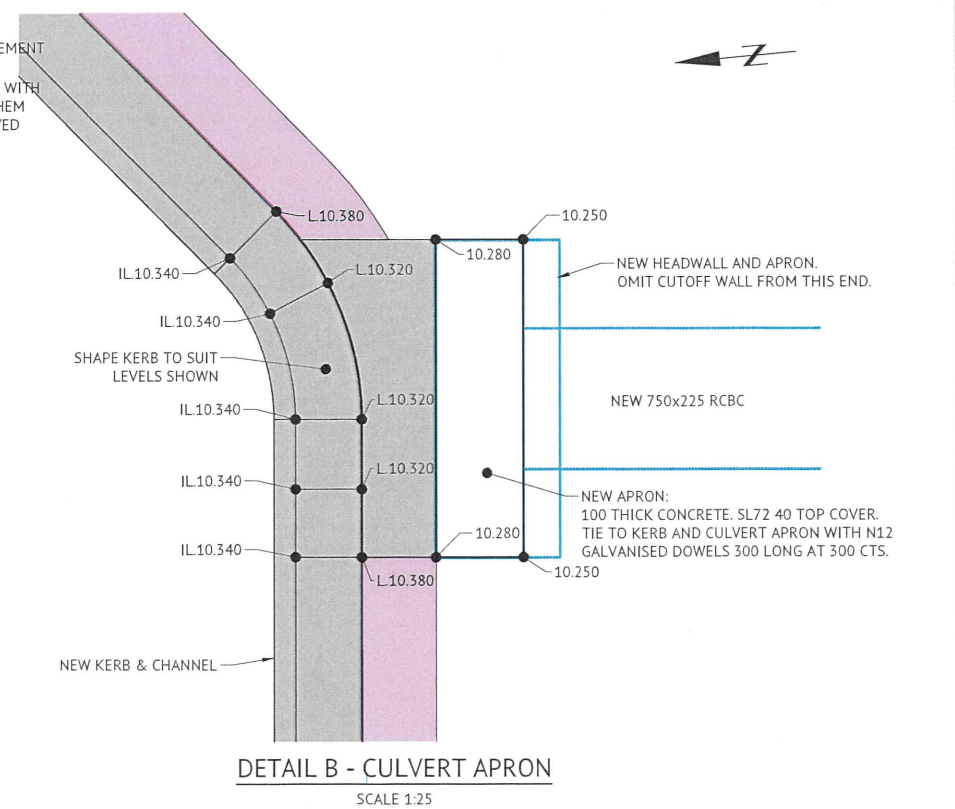


DESIGN APPROVED

Date: 16/12/21

Name: M. ACCORNERO

Signature: M. Accornero



| <p>FOR CONSTRUCTION</p> <table border="1"> <tr> <th>DATE</th> <th>REV</th> <th>DESCRIPTION</th> <th>REVISIONS</th> </tr> <tr> <td>19/10/21</td> <td>B</td> <td>AMENDED AS PER HINCHINBROOK SHIRE COUNCIL MARKUPS</td> <td>BS AP</td> </tr> <tr> <td>13/09/21</td> <td>A</td> <td>ISSUED FOR CONSTRUCTION</td> <td>GF PP</td> </tr> <tr> <td></td> <td></td> <td></td> <td>REC APP</td> </tr> </table> | | | | DATE | REV | DESCRIPTION | REVISIONS | 19/10/21 | B | AMENDED AS PER HINCHINBROOK SHIRE COUNCIL MARKUPS | BS AP | 13/09/21 | A | ISSUED FOR CONSTRUCTION | GF PP | | | | REC APP | <p>TOWNSVILLE OFFICE</p> <p>84 DENHAM STREET PO BOX 1110 TOWNSVILLE, QLD 4810 PH: (07) 4772 0666 WEB: www.premise.com.au</p> <p>Premise</p> | | <p>DESIGNED: G.FYSH CHECKED: A.PEASE PROJECT MANAGER: A.PEASE ENGINEERING CERTIFICATION: A.PEASE RPEQ 22556</p> | | <p>SCALE</p> <p>0 0.2 0.4 0.6m</p> <p>SCALE 1:10 (A1)</p> <p>0 0.5 1.0 1.5m</p> <p>SCALE 1:25 (A1)</p> <p>ORIGINAL SHEET SIZE A1</p> | | <p>CLIENT: HINCHINBROOK SHIRE COUNCIL</p> <p>PROJECT: KERB AND CHANNEL RENEWAL PROJECT</p> <p>LOCATION: ROATI, ROW, DRUERY, KEHL, & LEHANE STREET - INGHAM, QUEENSLAND</p> <p>SHEET TITLE: TYPICAL DETAILS AND SECTIONS</p> | | <p>JOB CODE: HSC-0038</p> <p>SHEET NUMBER: C003</p> <p>REV: B</p> <p>8435</p> | |
|--|-----|---|-----------|------|-----|-------------|-----------|----------|---|---|-------|----------|---|-------------------------|-------|--|--|--|---------|---|--|---|--|--|--|---|--|--|--|
| DATE | REV | DESCRIPTION | REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19/10/21 | B | AMENDED AS PER HINCHINBROOK SHIRE COUNCIL MARKUPS | BS AP | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13/09/21 | A | ISSUED FOR CONSTRUCTION | GF PP | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | REC APP | | | | | | | | | | | | | | | | | | | | | | | | | | |

LEGEND

- PROPERTY BOUNDARY (DCDB)
- EXISTING WATER SERVICE
- EXISTING OVERHEAD POWER
- EXISTING TELECOMMUNICATIONS
- EXISTING PROPERTY STORMWATER (TO BE REINSTATED)
- EXISTING FENCE
- EXISTING ROAD CROWN
- EXISTING EDGE OF SEALED PAVEMENT
- EXISTING DRIVEWAY

- PROPOSED PROPERTY STORMWATER REALIGNMENT
- PROPOSED KERB AND CHANNEL - TMR TYPE 7
- STANDARD INVERT REINSTATEMENT 3.0m LONG U.N.O.
- CONCRETE DRIVEWAY REINSTATEMENT
- BRIDGE CROSSOVER REINSTATEMENT 4.0m LONG U.N.O.
- GRAVEL DRIVEWAY REINSTATEMENT

- 2 COAT SEAL DRIVEWAY REINSTATEMENT
- KERB PAVEMENT REINSTATEMENT
- ROAD PAVEMENT WIDENING

NOTES

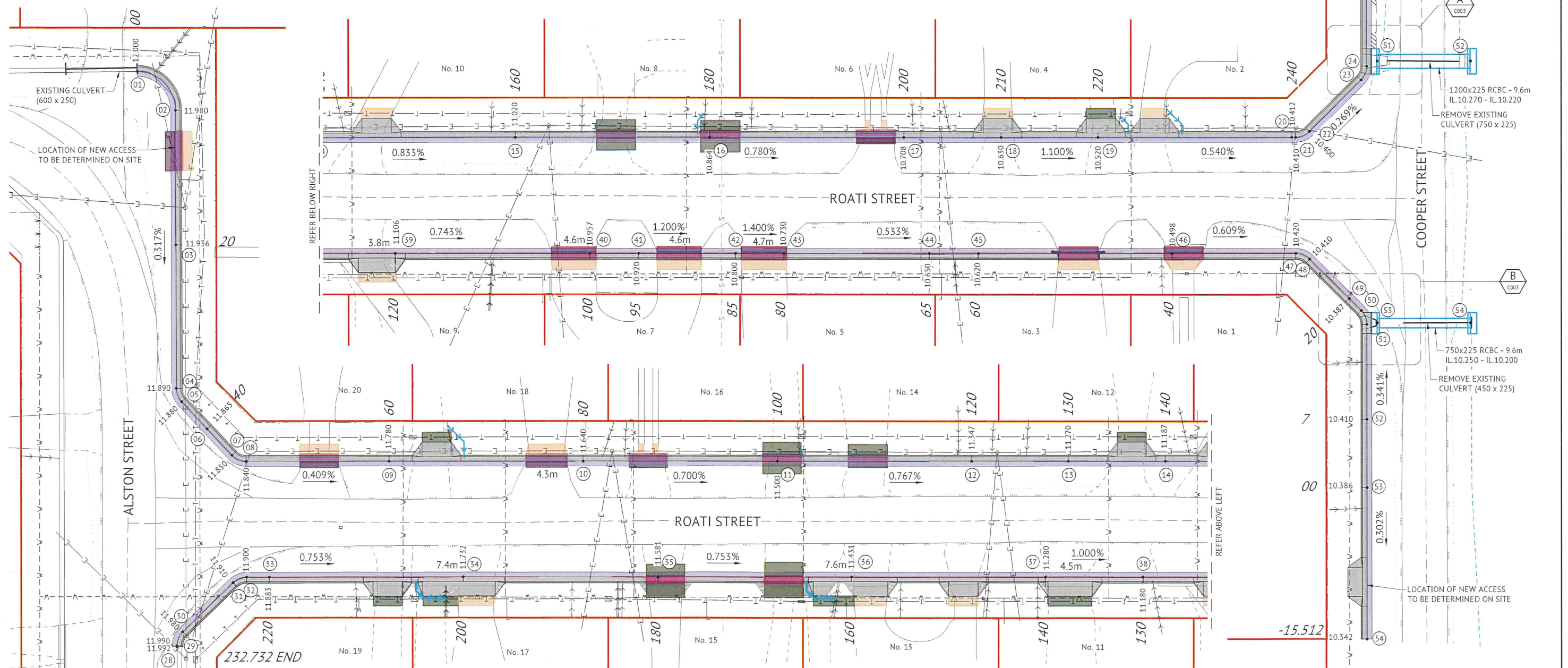
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
- ALL RADII, SETOUT AND LEVEL INFORMATION IS TO LIP OF KERB UNLESS NOTED OTHERWISE.
- FOR BOX CULVERT DETAILS REFER TO D.T.M.R. STANDARD DRAWING 1260 AND 1359.

DESIGN APPROVED

Date: 16/12/21

Name: M. ACCORNERO

Signature: [Signature]



FOR CONSTRUCTION

TOWNSVILLE OFFICE
84 DENHAM STREET
PO BOX 1110
TOWNSVILLE, QLD 4810
PH: (07) 4772 0666
WEB: www.premise.com.au



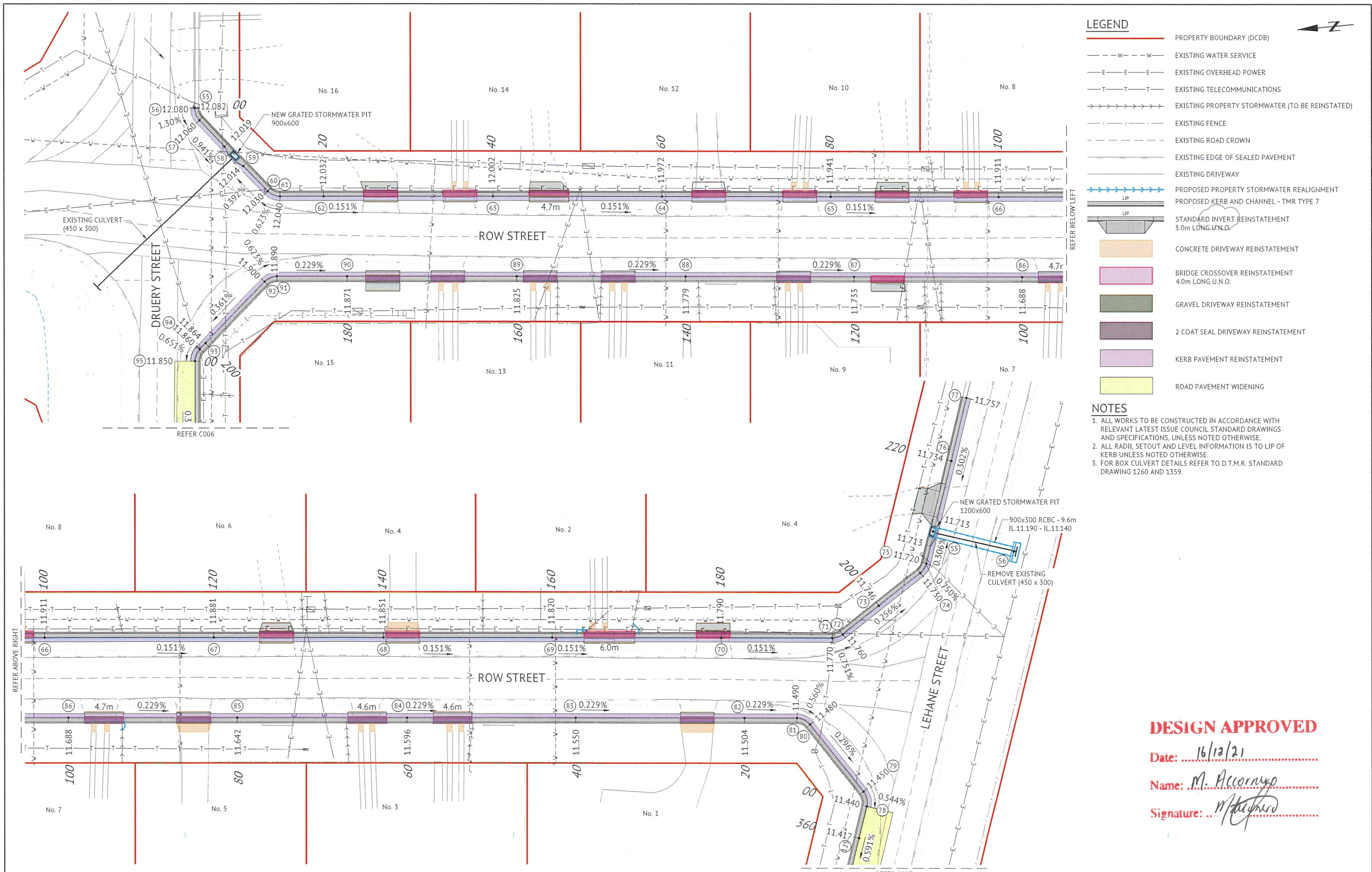
DESIGNED
G.FYSH
CHECKED
A.PEASE
PROJECT MANAGER
A.PEASE
ENGINEERING CERTIFICATION
A.PEASE RPEQ 22556

SCALE
0 4 8 12m
SCALE 1:200 (A1)
ORIGINAL SHEET SIZE A1

CLIENT
HINCHINBROOK SHIRE COUNCIL
PROJECT
KERB AND CHANNEL RENEWAL PROJECT
LOCATION
ROATI, ROW, DRUERY, KEHL, & LEHANE STREET - INGHAM, QUEENSLAND
SHEET TITLE
KERB RECONSTRUCTION LAYOUT PLAN - SHEET 1 OF 4

JOB CODE
HSC-0038
SHEET NUMBER
C004
REV
B

8436



LEGEND

- PROPERTY BOUNDARY (DCDB)
- EXISTING WATER SERVICE
- EXISTING OVERHEAD POWER
- EXISTING TELECOMMUNICATIONS
- EXISTING PROPERTY STORMWATER (TO BE REINSTATED)
- EXISTING FENCE
- EXISTING ROAD CROWN
- EXISTING EDGE OF SEALED PAVEMENT
- EXISTING DRIVEWAY
- PROPOSED PROPERTY STORMWATER REALIGNMENT
- PROPOSED KERB AND CHANNEL - TMR TYPE 7
- STANDARD INVERT REINSTATEMENT 3.0m LONG U.N.O.
- CONCRETE DRIVEWAY REINSTATEMENT
- BRIDGE CROSSOVER REINSTATEMENT 4.0m LONG U.N.O.
- GRAVEL DRIVEWAY REINSTATEMENT
- 2 COAT SEAL DRIVEWAY REINSTATEMENT
- KERB PAVEMENT REINSTATEMENT
- ROAD PAVEMENT WIDENING

NOTES

- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
- ALL RADII, SETOUT AND LEVEL INFORMATION IS TO LIP OF KERB UNLESS NOTED OTHERWISE.
- FOR BOX CULVERT DETAILS REFER TO D.T.M.R. STANDARD DRAWING 1260 AND 1359.

DESIGN APPROVED

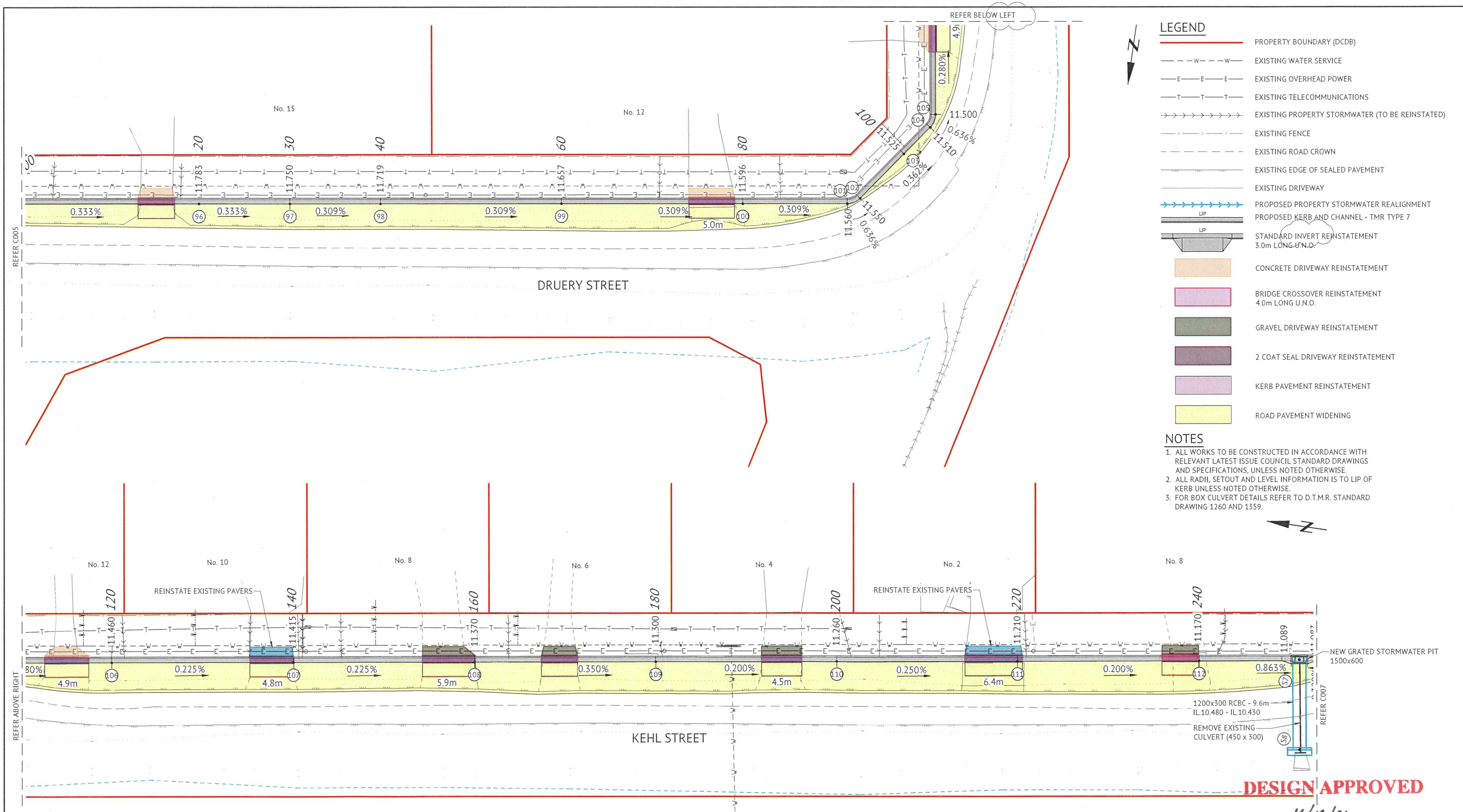
Date: 16/12/21

Name: M. Accornyp

Signature: M. Accornyp

| | | | | | | | | | | | | | | | | | | | |
|-------------------------|-----|---|--|--|-----|---|--|---|--|---|--|--|--|--|--|--|--|-----------------------------|--|
| FOR CONSTRUCTION | | | | TOWNSVILLE OFFICE 84 DENHAM STREET PO BOX 1110 TOWNSVILLE, QLD 4810 PH: (07) 4772 0666 WEB: www.premise.com.au | | DESIGNED G.FYSH CHECKED A.PEASE PROJECT MANAGER A.PEASE ENGINEERING CERTIFICATION A.PEASE RPEQ 22556 | | SCALE 0 4 8 12m SCALE 1:200 (A1) ORIGINAL SHEET SIZE A1 | | CLIENT HINCHINBROOK SHIRE COUNCIL | | PROJECT KERB AND CHANNEL RENEWAL PROJECT | | LOCATION ROATI, ROW, DRURY, KEHL, & LEHANE STREET - INGHAM, QUEENSLAND | | SHEET TITLE KERB RECONSTRUCTION LAYOUT PLAN - SHEET 2 OF 4 | | JOB CODE HSC-0038 | |
| REVISIONS | | | | Premise | | | | | | | | | | | | | | REVISIONS | |
| 19/10/21 | B | AMENDED AS PER HINCHINBROOK SHIRE COUNCIL MARKUPS | | BS | AP | | | | | | | | | | | | | C005 | |
| 13/09/21 | A | ISSUED FOR CONSTRUCTION | | GF | PP | | | | | | | | | | | | | B | |
| DATE | REV | DESCRIPTION | | REC | APP | | | | | | | | | | | | | | |

8437




- LEGEND**
- PROPERTY BOUNDARY (DCDB)
 - EXISTING WATER SERVICE
 - EXISTING OVERHEAD POWER
 - EXISTING TELECOMMUNICATIONS
 - EXISTING PROPERTY STORMWATER (TO BE REINSTATED)
 - EXISTING FENCE
 - EXISTING ROAD CROWN
 - EXISTING EDGE OF SEALED PAVEMENT
 - EXISTING DRIVEWAY
 - PROPOSED PROPERTY STORMWATER REALIGNMENT
 - PROPOSED KERB AND CHANNEL - TMR TYPE 7
 - STANDARD INVERT REINSTATEMENT 3.0m LONG U.N.O.
 - CONCRETE DRIVEWAY REINSTATEMENT
 - BRIDGE CROSSOVER REINSTATEMENT 4.0m LONG U.N.O.
 - GRAVEL DRIVEWAY REINSTATEMENT
 - 2 COAT SEAL DRIVEWAY REINSTATEMENT
 - KERB PAVEMENT REINSTATEMENT
 - ROAD PAVEMENT WIDENING

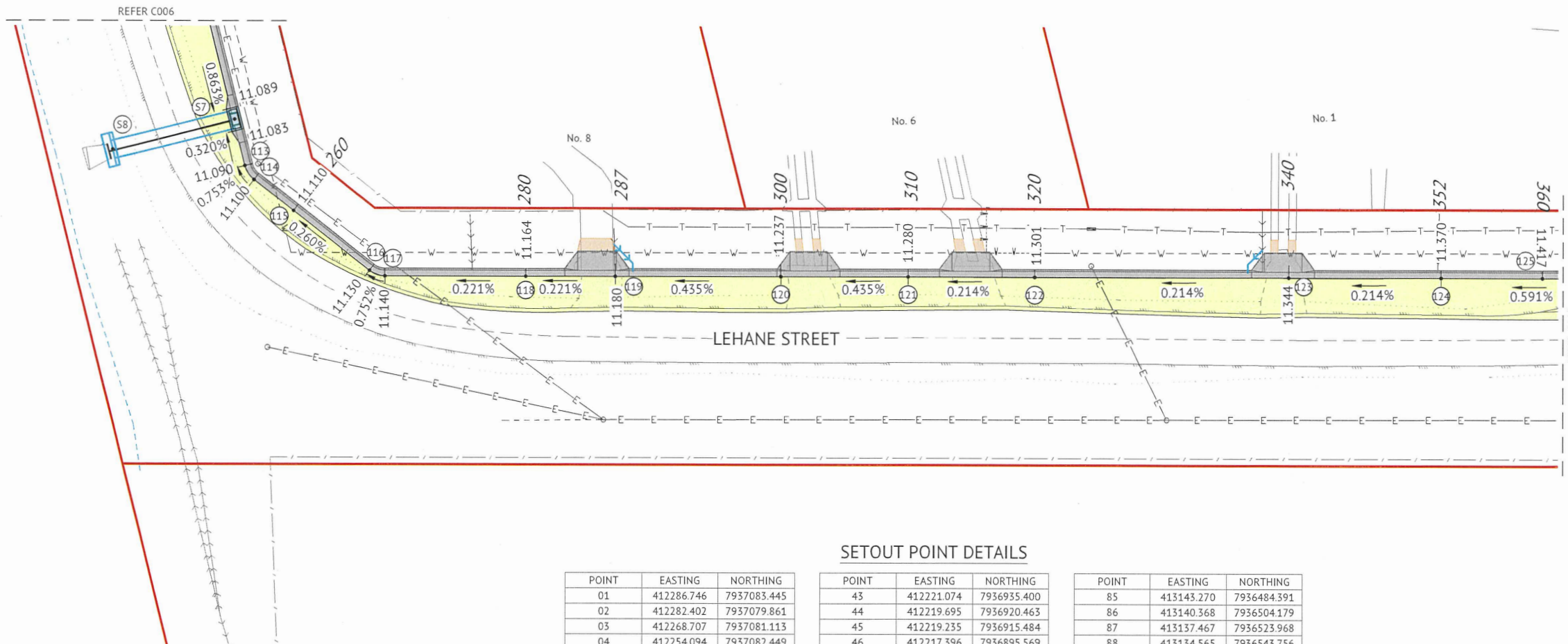
- NOTES**
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
 - ALL RADII, SETOUT AND LEVEL INFORMATION IS TO LIP OF KERB UNLESS NOTED OTHERWISE.
 - FOR BOX CULVERT DETAILS REFER TO D.T.M.R. STANDARD DRAWING 1260 AND 1359.

DESIGN APPROVED

Date: 16/12/21
Name: M. ACCORNERO
Signature: [Signature]

| | | | | | | | | | | | | | | | |
|-------------------------|-----|---|--|--|--|---|--|---|-----|--|--|--|--|--|--|
| FOR CONSTRUCTION | | | |  Premise | | TOWNSVILLE OFFICE 84 DENHAM STREET PO BOX 1110 TOWNSVILLE, QLD 4810 PH: (07) 4772 0666 WEB: www.premise.com.au | | DESIGNED: G.FYSH CHECKED: A.PEASE PROJECT MANAGER: A.PEASE ENGINEERING CERTIFICATION A.PEASE RPEQ 22556 | | SCALE 0 4 8 12m SCALE 1:200 (A1) ORIGINAL SHEET SIZE A1 | | CLIENT: HINCHINBROOK SHIRE COUNCIL PROJECT: KERB AND CHANNEL RENEWAL PROJECT LOCATION: ROATI, ROW, DRUERY, KEHL, & LEHANE STREET - INGHAM, QUEENSLAND SHEET TITLE: KERB RECONSTRUCTION LAYOUT PLAN - SHEET 3 OF 4 | | JOB CODE: HSC-0038 SHEET NUMBER: C006 REV: B | |
| 19/10/21 | B | AMENDED AS PER HINCHINBROOK SHIRE COUNCIL MARKUPS | | | | | | BS | AP | | | | | | |
| 13/09/21 | A | ISSUED FOR CONSTRUCTION | | | | | | GF | PP | | | | | | |
| DATE | REV | DESCRIPTION | | | | | | REC | APP | | | | | | |

8438



LEGEND

- PROPERTY BOUNDARY (DCDB)
- EXISTING WATER SERVICE
- EXISTING OVERHEAD POWER
- EXISTING TELECOMMUNICATIONS
- EXISTING PROPERTY STORMWATER (TO BE REINSTATED)
- EXISTING FENCE
- EXISTING ROAD CROWN
- EXISTING EDGE OF SEALED PAVEMENT
- EXISTING DRIVEWAY
- PROPOSED PROPERTY STORMWATER REALIGNMENT
- PROPOSED KERB AND CHANNEL - TMR TYPE 7
- STANDARD INVERT REINSTATEMENT 3.0m LONG U.N.O.
- CONCRETE DRIVEWAY REINSTATEMENT
- BRIDGE CROSSOVER REINSTATEMENT 4.0m LONG U.N.O.
- GRAVEL DRIVEWAY REINSTATEMENT
- 2 COAT SEAL DRIVEWAY REINSTATEMENT
- KERB PAVEMENT REINSTATEMENT
- ROAD PAVEMENT WIDENING

- NOTES**
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
 - ALL RADII, SETOUT AND LEVEL INFORMATION IS TO LIP OF KERB UNLESS NOTED OTHERWISE.
 - FOR BOX CULVERT DETAILS REFER TO D.T.M.R. STANDARD DRAWING 1260 AND 1359.

STORMWATER SETOUT DETAILS

| POINT | EASTING | NORTHING |
|-------|------------|-------------|
| S1 | 412235.035 | 7936872.779 |
| S2 | 412234.148 | 7936863.221 |
| S3 | 412208.377 | 7936875.253 |
| S4 | 412207.490 | 7936865.694 |
| S5 | 413176.978 | 7936406.049 |
| S6 | 413176.031 | 7936396.194 |
| S7 | 413038.773 | 7936431.559 |
| S8 | 413028.979 | 7936430.112 |

SETOUT POINT DETAILS

| POINT | EASTING | NORTHING |
|-------|------------|-------------|
| 01 | 412286.746 | 7937083.445 |
| 02 | 412282.402 | 7937079.861 |
| 03 | 412268.707 | 7937081.113 |
| 04 | 412254.094 | 7937082.449 |
| 05 | 412252.685 | 7937082.037 |
| 06 | 412249.666 | 7937079.691 |
| 07 | 412246.742 | 7937077.420 |
| 08 | 412245.978 | 7937076.025 |
| 09 | 412244.630 | 7937061.425 |
| 10 | 412242.791 | 7937041.510 |
| 11 | 412240.952 | 7937021.595 |
| 12 | 412239.113 | 7937001.680 |
| 13 | 412238.193 | 7936991.722 |
| 14 | 412237.273 | 7936981.764 |
| 15 | 412235.434 | 7936961.849 |
| 16 | 412233.595 | 7936941.934 |
| 17 | 412231.756 | 7936922.019 |
| 18 | 412230.837 | 7936912.061 |
| 19 | 412229.917 | 7936902.103 |
| 20 | 412228.078 | 7936882.188 |
| 21 | 412228.043 | 7936881.803 |
| 22 | 412228.499 | 7936880.337 |
| 23 | 412233.260 | 7936874.633 |
| 24 | 412234.610 | 7936873.924 |
| 25 | 412243.614 | 7936873.088 |
| 26 | 412263.529 | 7936871.241 |
| 27 | 412271.393 | 7936870.511 |
| 28 | 412227.739 | 7937084.883 |
| 29 | 412227.838 | 7937084.874 |
| 30 | 412229.211 | 7937084.136 |
| 31 | 412233.725 | 7937078.526 |
| 32 | 412234.158 | 7937077.089 |
| 33 | 412233.948 | 7937074.807 |
| 34 | 412232.109 | 7937054.891 |
| 35 | 412230.270 | 7937034.976 |
| 36 | 412228.431 | 7937015.061 |
| 37 | 412226.592 | 7936995.146 |
| 38 | 412225.672 | 7936985.188 |
| 39 | 412224.753 | 7936975.230 |
| 40 | 412222.913 | 7936955.315 |
| 41 | 412222.454 | 7936950.336 |
| 42 | 412221.534 | 7936940.379 |

| POINT | EASTING | NORTHING |
|-------|------------|-------------|
| 43 | 412221.074 | 7936935.400 |
| 44 | 412219.695 | 7936920.463 |
| 45 | 412219.235 | 7936915.484 |
| 46 | 412217.396 | 7936895.569 |
| 47 | 412216.225 | 7936882.887 |
| 48 | 412215.507 | 7936881.529 |
| 49 | 412211.123 | 7936877.907 |
| 50 | 412209.796 | 7936876.811 |
| 51 | 412208.337 | 7936876.361 |
| 52 | 412198.666 | 7936877.258 |
| 53 | 412191.696 | 7936877.905 |
| 54 | 412176.250 | 7936879.338 |
| 55 | 413145.843 | 7936604.027 |
| 56 | 413145.744 | 7936604.013 |
| 57 | 413144.451 | 7936603.256 |
| 58 | 413141.815 | 7936599.841 |
| 59 | 413139.860 | 7936597.308 |
| 60 | 413137.356 | 7936594.064 |
| 61 | 413136.960 | 7936592.551 |
| 62 | 413137.707 | 7936587.460 |
| 63 | 413140.609 | 7936567.671 |
| 64 | 413143.511 | 7936547.883 |
| 65 | 413146.412 | 7936528.095 |
| 66 | 413149.314 | 7936508.306 |
| 67 | 413152.216 | 7936488.518 |
| 68 | 413155.118 | 7936468.730 |
| 69 | 413158.020 | 7936448.941 |
| 70 | 413160.921 | 7936429.153 |
| 71 | 413162.838 | 7936416.084 |
| 72 | 413163.440 | 7936414.924 |
| 73 | 413167.399 | 7936411.164 |
| 74 | 413171.933 | 7936406.860 |
| 75 | 413173.118 | 7936406.319 |
| 76 | 413185.482 | 7936405.131 |
| 77 | 413193.082 | 7936404.400 |
| 78 | 413143.827 | 7936409.135 |
| 79 | 413145.486 | 7936409.766 |
| 80 | 413152.370 | 7936417.195 |
| 81 | 413152.882 | 7936418.845 |
| 82 | 413151.976 | 7936425.026 |
| 83 | 413149.074 | 7936444.814 |
| 84 | 413146.172 | 7936464.603 |

| POINT | EASTING | NORTHING |
|-------|------------|-------------|
| 85 | 413143.270 | 7936484.391 |
| 86 | 413140.368 | 7936504.179 |
| 87 | 413137.467 | 7936523.968 |
| 88 | 413134.565 | 7936543.756 |
| 89 | 413131.663 | 7936563.545 |
| 90 | 413128.761 | 7936583.333 |
| 91 | 413127.556 | 7936591.548 |
| 92 | 413126.743 | 7936592.883 |
| 93 | 413118.543 | 7936598.764 |
| 94 | 413117.735 | 7936599.345 |
| 95 | 413116.279 | 7936599.698 |
| 96 | 413096.490 | 7936596.801 |
| 97 | 413086.596 | 7936595.552 |
| 98 | 413076.701 | 7936593.903 |
| 99 | 413056.912 | 7936591.005 |
| 100 | 413037.123 | 7936588.107 |
| 101 | 413025.725 | 7936586.438 |
| 102 | 413024.410 | 7936585.653 |
| 103 | 413020.285 | 7936580.111 |
| 104 | 413017.815 | 7936576.792 |
| 105 | 413017.441 | 7936575.305 |
| 106 | 413019.529 | 7936561.169 |
| 107 | 413022.451 | 7936541.384 |
| 108 | 413025.374 | 7936521.598 |
| 109 | 413028.296 | 7936501.813 |
| 110 | 413031.218 | 7936482.028 |
| 111 | 413034.140 | 7936462.242 |
| 112 | 413037.062 | 7936442.457 |
| 113 | 413039.218 | 7936427.859 |
| 114 | 413039.818 | 7936426.703 |
| 115 | 413042.656 | 7936424.003 |
| 116 | 413048.168 | 7936418.758 |
| 117 | 413049.356 | 7936418.216 |
| 118 | 413060.367 | 7936417.158 |
| 119 | 413067.335 | 7936416.488 |
| 120 | 413080.275 | 7936415.244 |
| 121 | 413090.229 | 7936414.287 |
| 122 | 413100.183 | 7936413.330 |
| 123 | 413120.092 | 7936411.417 |
| 124 | 413132.036 | 7936410.268 |
| 125 | 413140.000 | 7936409.503 |

FOR CONSTRUCTION

| DATE | REV | DESCRIPTION | REC | APP |
|----------|-----|---|-----|-----|
| 19/10/21 | B | AMENDED AS PER HINCHINBROOK SHIRE COUNCIL MARKUPS | BS | AP |
| 13/09/21 | A | ISSUED FOR CONSTRUCTION | GF | PP |

Premise

TOWNSVILLE OFFICE
84 DENHAM STREET
PO BOX 1110
TOWNSVILLE, QLD 4810
PH: (07) 4772 0666
WEB: www.premise.com.au

DESIGNED
G.FYSH
CHECKED
A.PEASE
PROJECT MANAGER
A.PEASE
ENGINEERING CERTIFICATION
A.PEASE RPEQ 22556

SCALE
0 4 8 12m
SCALE 1:200 (A1)
ORIGINAL SHEET SIZE A1

CLIENT
HINCHINBROOK SHIRE COUNCIL
PROJECT
KERB AND CHANNEL RENEWAL PROJECT
LOCATION
ROATI, ROW, DRUERY, KEHL, & LEHANE STREET - INGHAM, QUEENSLAND
SHEET TITLE
KERB RECONSTRUCTION LAYOUT PLAN - SHEET 4 OF 4

JOB CODE
HSC-0038
SHEET NUMBER
C007
REV
B

8439