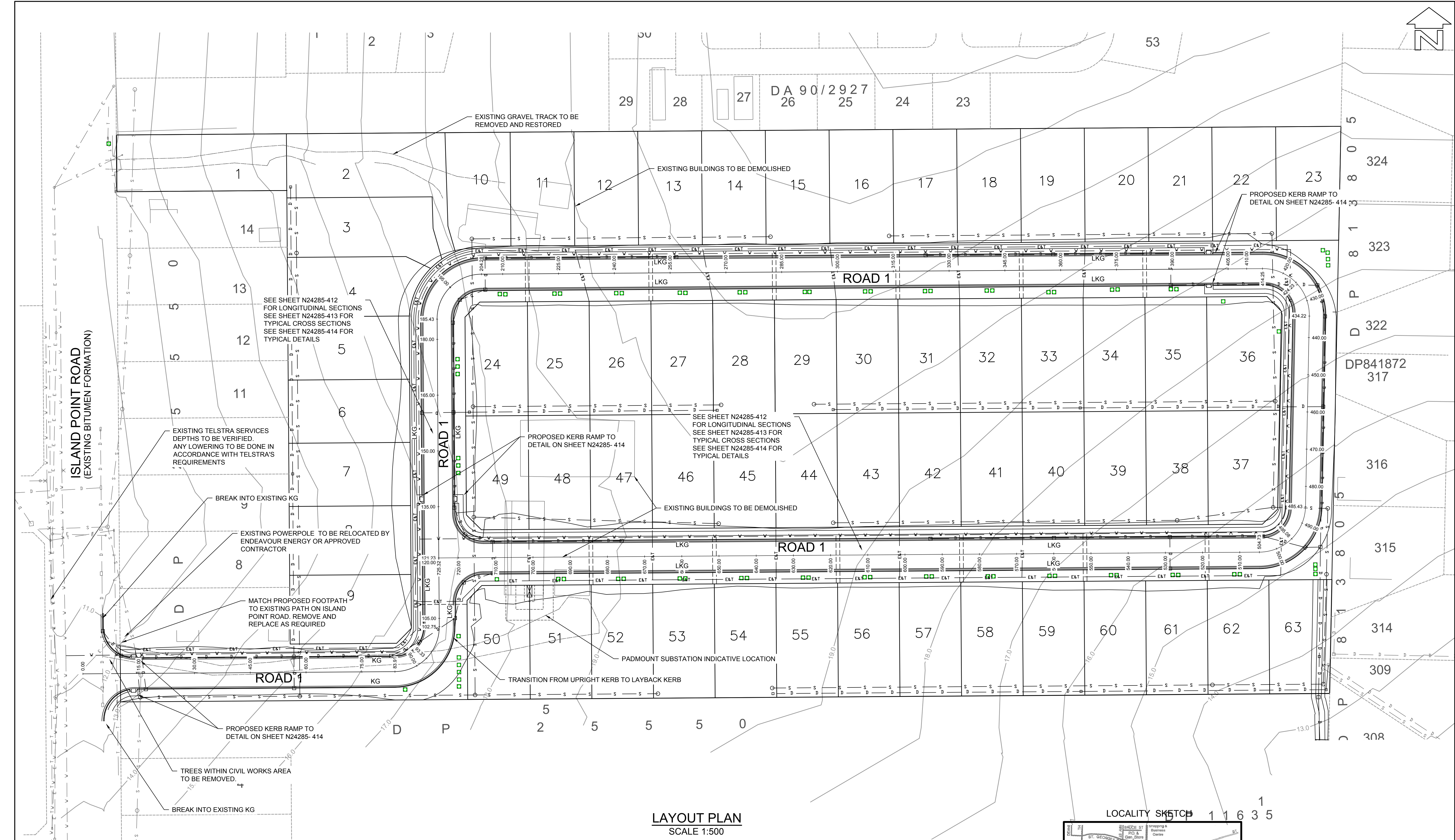
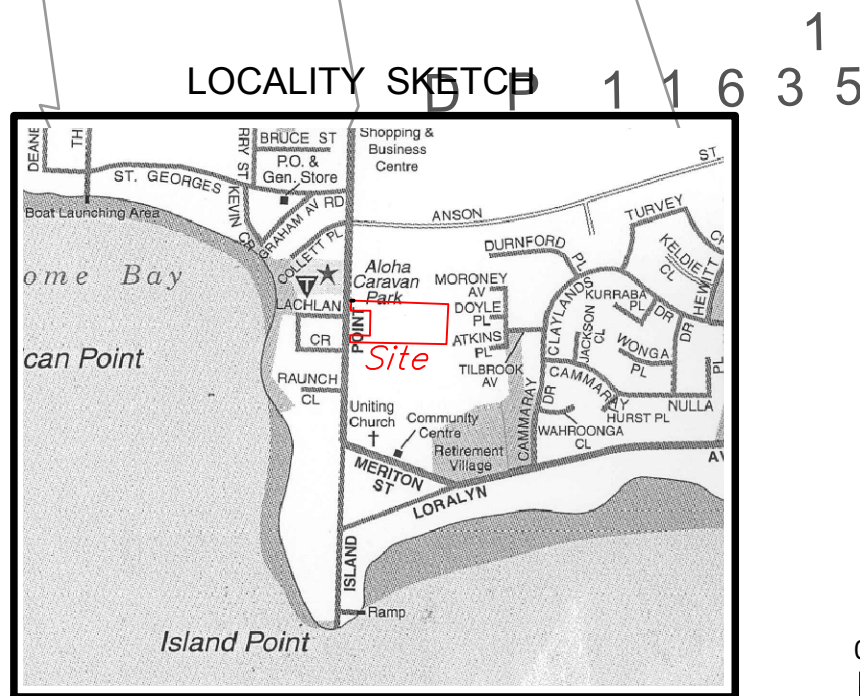




LAYOUT PLAN  
SCALE 1:500

LEGEND

|     |                     |     |                                   |
|-----|---------------------|-----|-----------------------------------|
| --- | EXISTING ELECTRICAL | ■   | INDICATIVE STREET TREES           |
| --- | EXISTING TELSTRA    | --- | PROPOSED ELECTRICAL AND TELEPHONE |
| --- | EXISTING WATER      | --- | PROPOSED WATER CROSSING           |
| --- | EXISTING SEWER      | --- | PROPOSED WATER                    |
| --- | EXISTING CONTOURS   | --- | PROPOSED SEWER                    |
| --- | EXISTING DRAINAGE   | --- | PROPOSED DRAINAGE                 |



Map drawn and published by Cartodraft Aust P/L



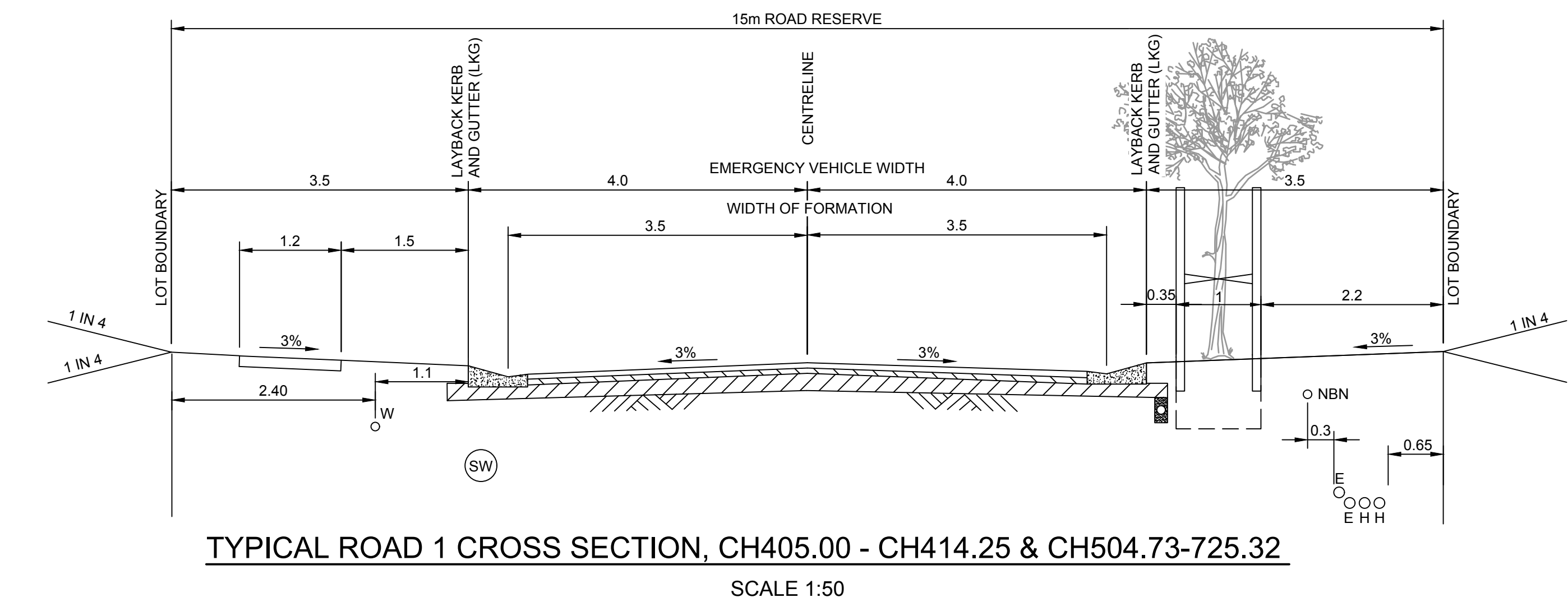
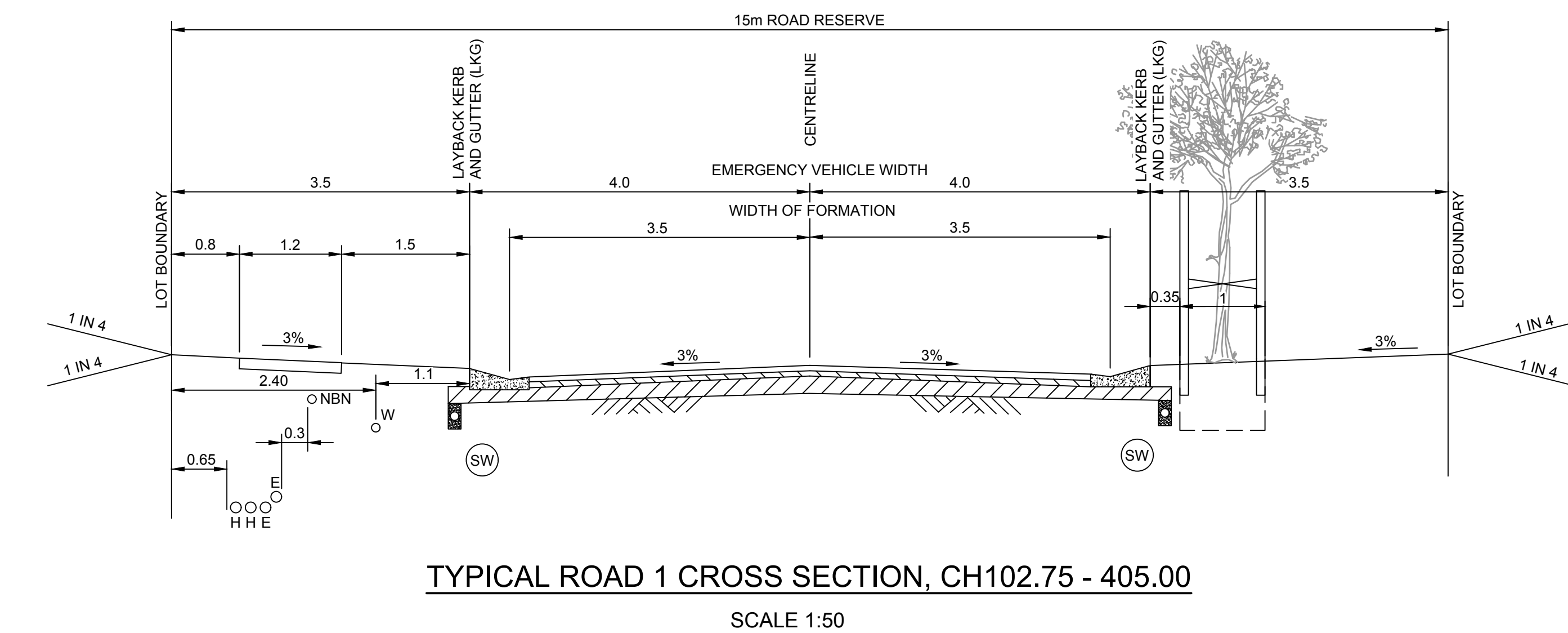
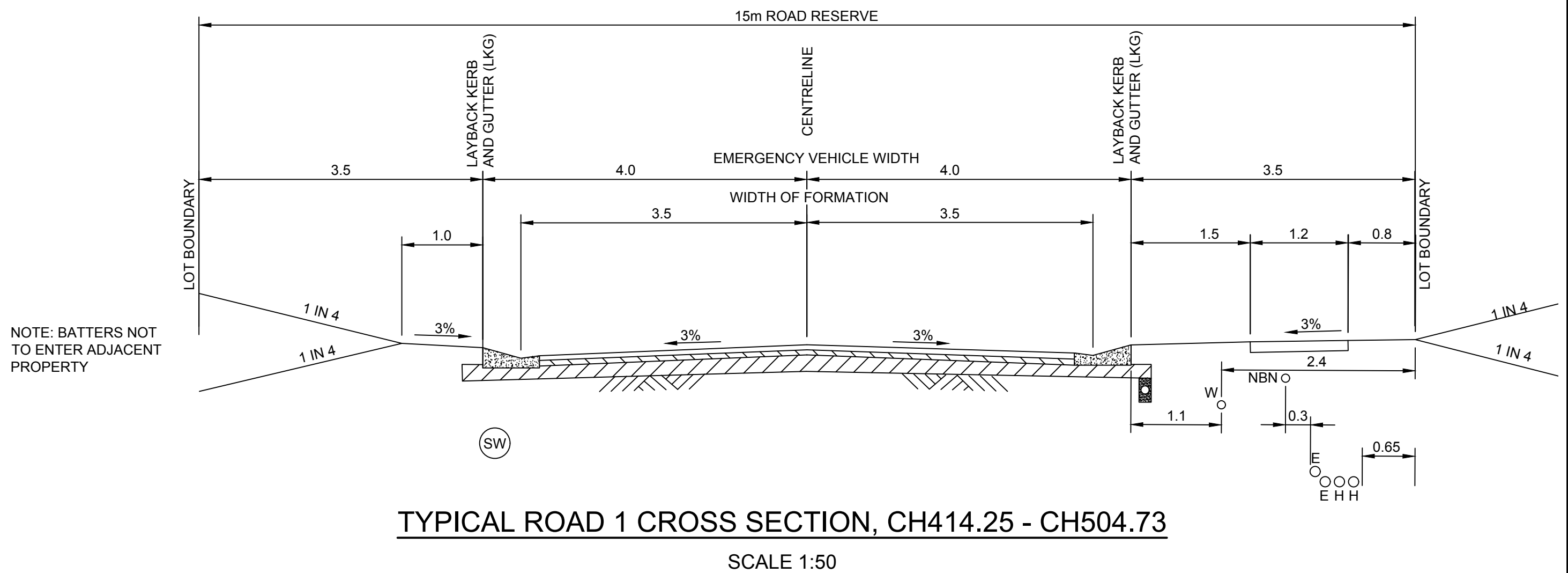
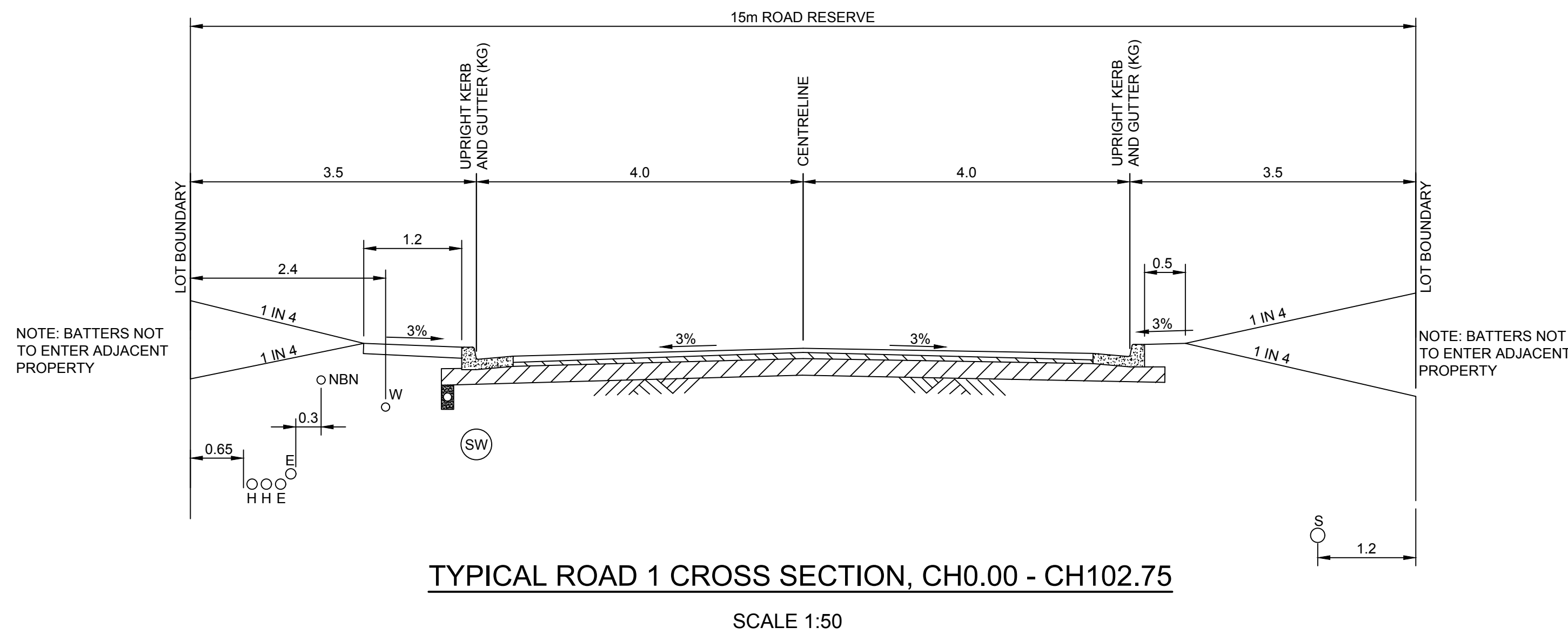
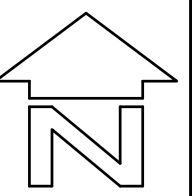
BEWARE!

THE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE RESPONSIBLE, AT THE CONTRACTOR'S EXPENSE, FOR ANY REPAIRS TO DAMAGE CAUSED DURING CONSTRUCTION.



|                                            |                                                                                              |                                      |                          |           |                                |           |                    |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                              |                                                                                                                                                                               |
|--------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-----------|--------------------------------|-----------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RATIO:<br><b>1:500</b><br>(AT A1 ORIGINAL) | DATUM:<br>AUSTRALIAN HEIGHT DATUM<br>ORIGIN: SSM 63971<br>RL 8.71<br>DATE OF PLAN: JULY 2017 | SURVEY<br>DESIGN<br>DRAWN<br>CHECK'D | APS<br>CEG<br>TSP<br>CEG | REV<br>P0 | DESCRIPTION<br>FOR INFORMATION | BY<br>TSP | DATE<br>26/07/2017 | <b>allen price &amp; scarratts pty ltd</b><br>land and development consultants<br>Nowra Branch: 75 Plunkett Street, Nowra NSW 2541<br>Kiama Branch: 5/125 Terralong Street, Kiama NSW 2533<br>phone: (02) 4421 6544 fax: (02) 4422 1821<br>consultants@allenprice.com.au www.allenprice.com.au | <b>GENERAL ARRANGEMENT LAYOUT PLAN</b><br><b>PROPOSED SUBDIVISION</b><br><b>OVER LOTS 6 &amp; 15, DP 25550</b><br><b>AT ISLAND POINT ROAD, ST GEORGES BASIN</b><br><b>FOR SOUTHERN LAND NOMINEES PTY LTD</b> | DRAWING STATUS<br><b>FOR INFORMATION</b><br>NOT TO BE USED FOR CONSTRUCTION PURPOSES<br>DRAWING NUMBER<br><b>N24285-411</b><br>SHEET<br>OF <b>10</b><br>REVISION<br><b>P0</b> |
|--------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-----------|--------------------------------|-----------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|





BEWARE!

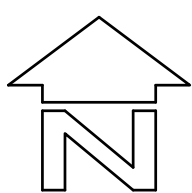
THE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE RESPONSIBLE, AT THE CONTRACTOR'S EXPENSE, FOR ANY REPAIRS TO DAMAGE CAUSED DURING CONSTRUCTION.



|                                            |                                   |         |     |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                                                                      |                                |                       |
|--------------------------------------------|-----------------------------------|---------|-----|-----|-----------------|-----|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------|-----------------------|
| RATIO:<br><br>1:50<br><br>(AT A1 ORIGINAL) | DATUM:<br>AUSTRALIAN HEIGHT DATUM | SURVEY  | APS | REV | DESCRIPTION     | BY  | DATE       |  <b>allen price &amp; scarratts pty ltd</b><br>land and development consultants<br>Nowra Branch: 75 Plunkett Street, Nowra NSW 2541<br>Kiama Branch: 5/125 Terralong Street, Kiama NSW 2533<br>phone:(02) 4421 6544 fax:(02) 4422 1821<br>consultants@allenprice.com.au www.allenprice.com.au | TYPICAL CROSS SECTIONS<br>PROPOSED SUBDIVISION<br>OVER LOTS 6 &15, DP 25550<br>AT ISLAND POINT ROAD, ST GEORGES BASIN<br>FOR SOUTHERN LAND NOMINEES PTY LTD | DRAWING STATUS<br><b>FOR INFORMATION</b><br>NOT TO BE USED FOR CONSTRUCTION PURPOSES |                                |                       |
|                                            | ORIGIN: SSM 63971<br>RL 8.71      | DESIGN  | TSP | P0  | FOR INFORMATION | TSP | 26/07/2017 |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             | DRAWING NUMBER<br><b>N24285-413</b>                                                  | SHEET <b>3</b><br>OF <b>10</b> | REVISION<br><b>P0</b> |
|                                            | DATE OF PLAN: JULY 2017           | DRAWN   | TSP |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                                                                      |                                |                       |
|                                            |                                   | CHECK'D | CEG |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                                                                      |                                |                       |
|                                            |                                   |         |     |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                                                                      |                                |                       |

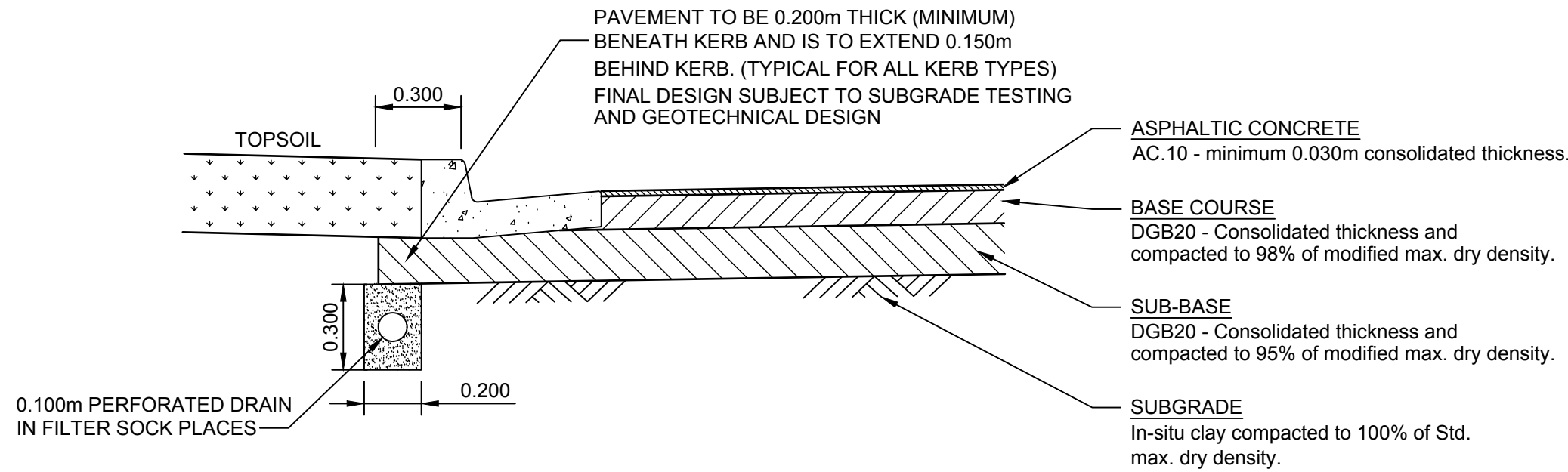
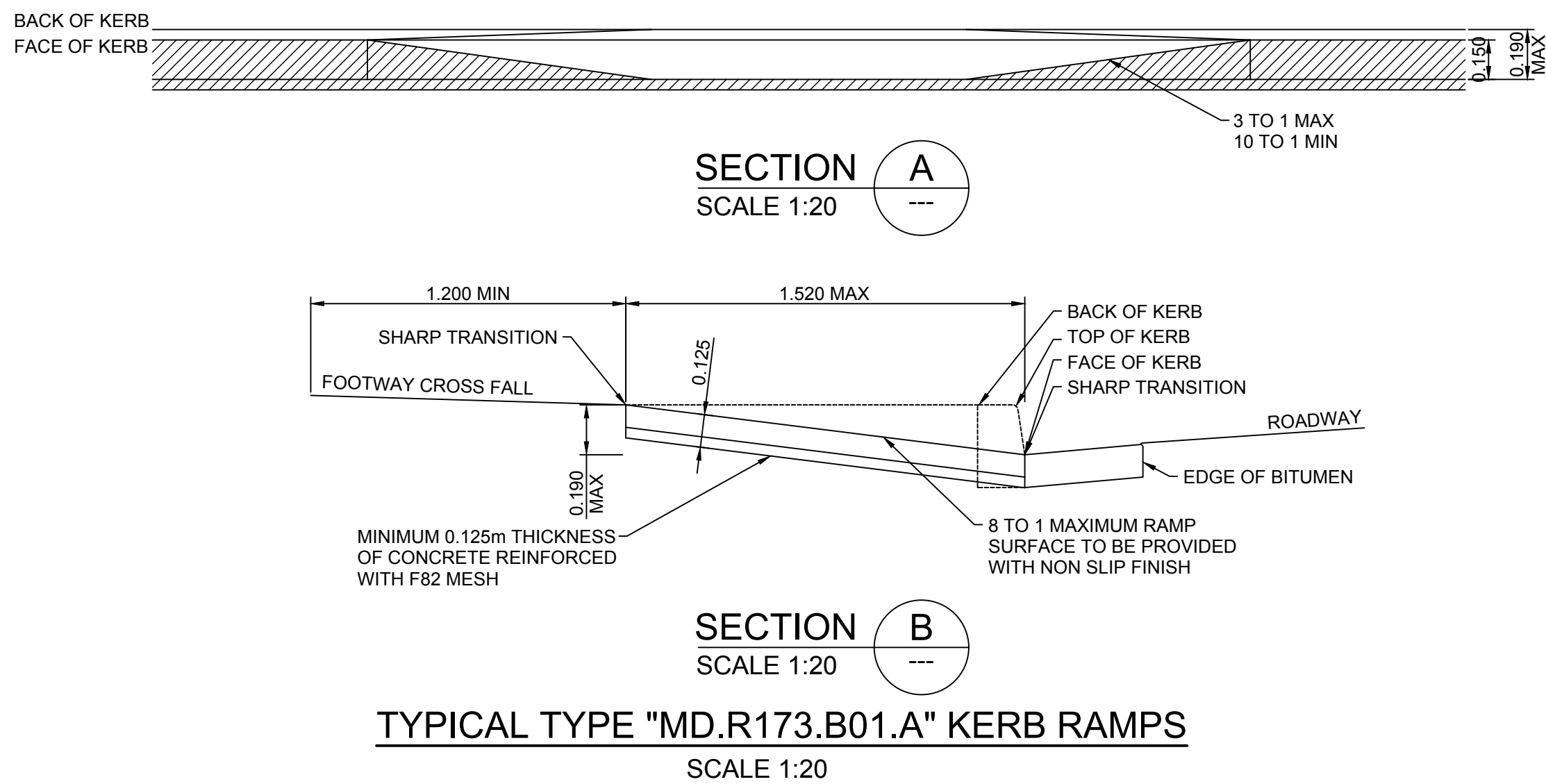
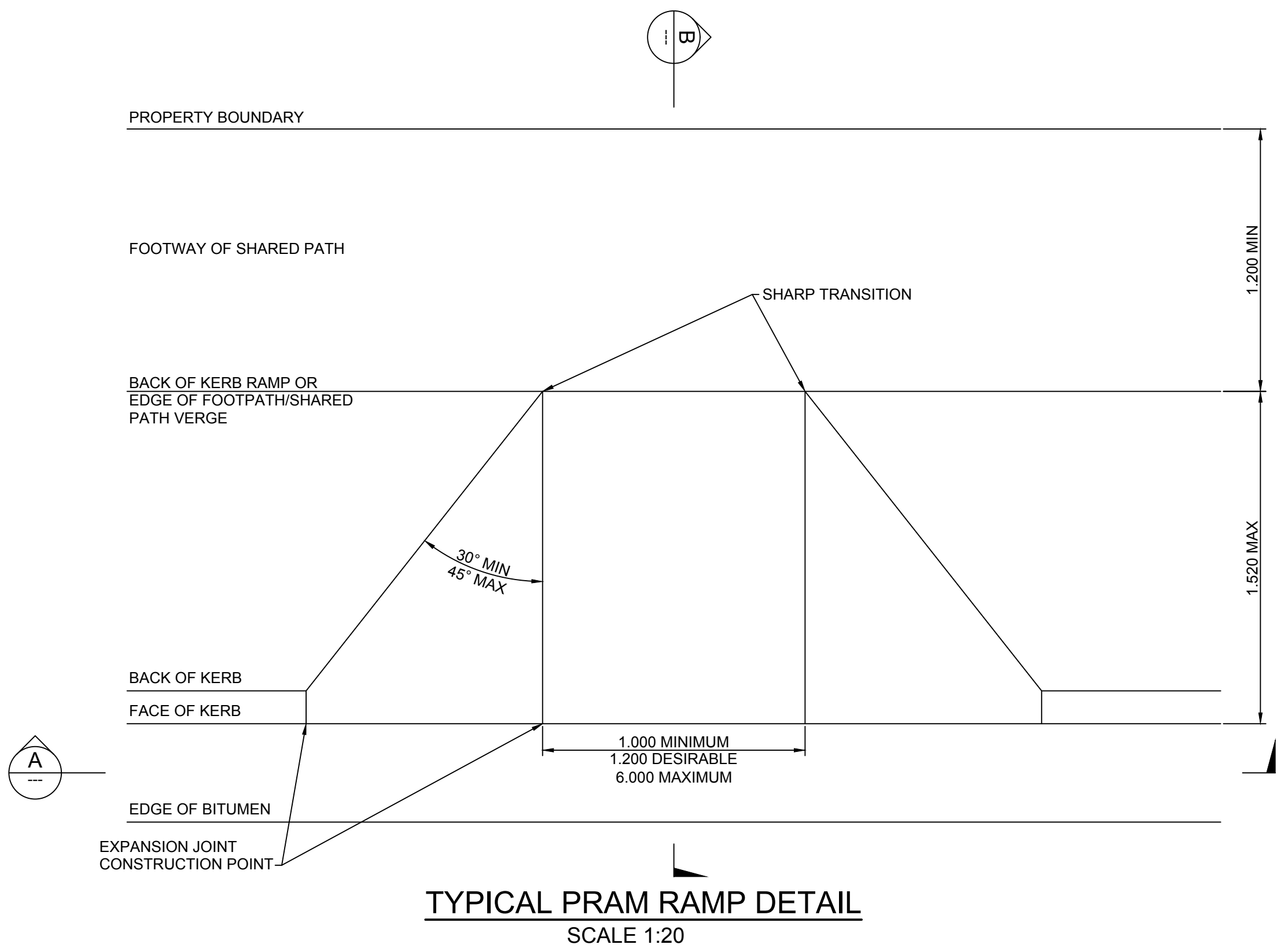


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consultants@allenprice.com.au www.allenprice.com.au

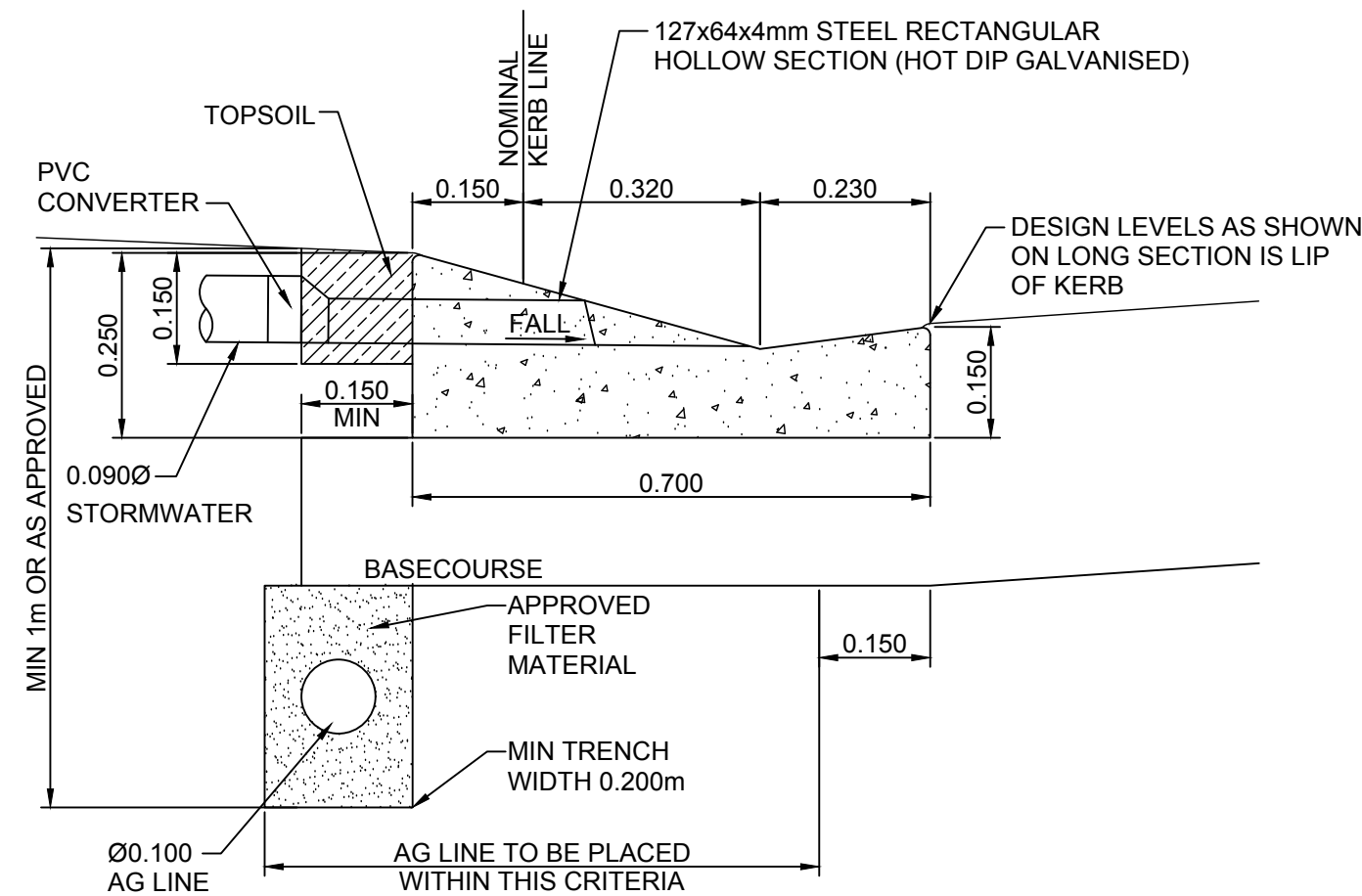


NOTES:

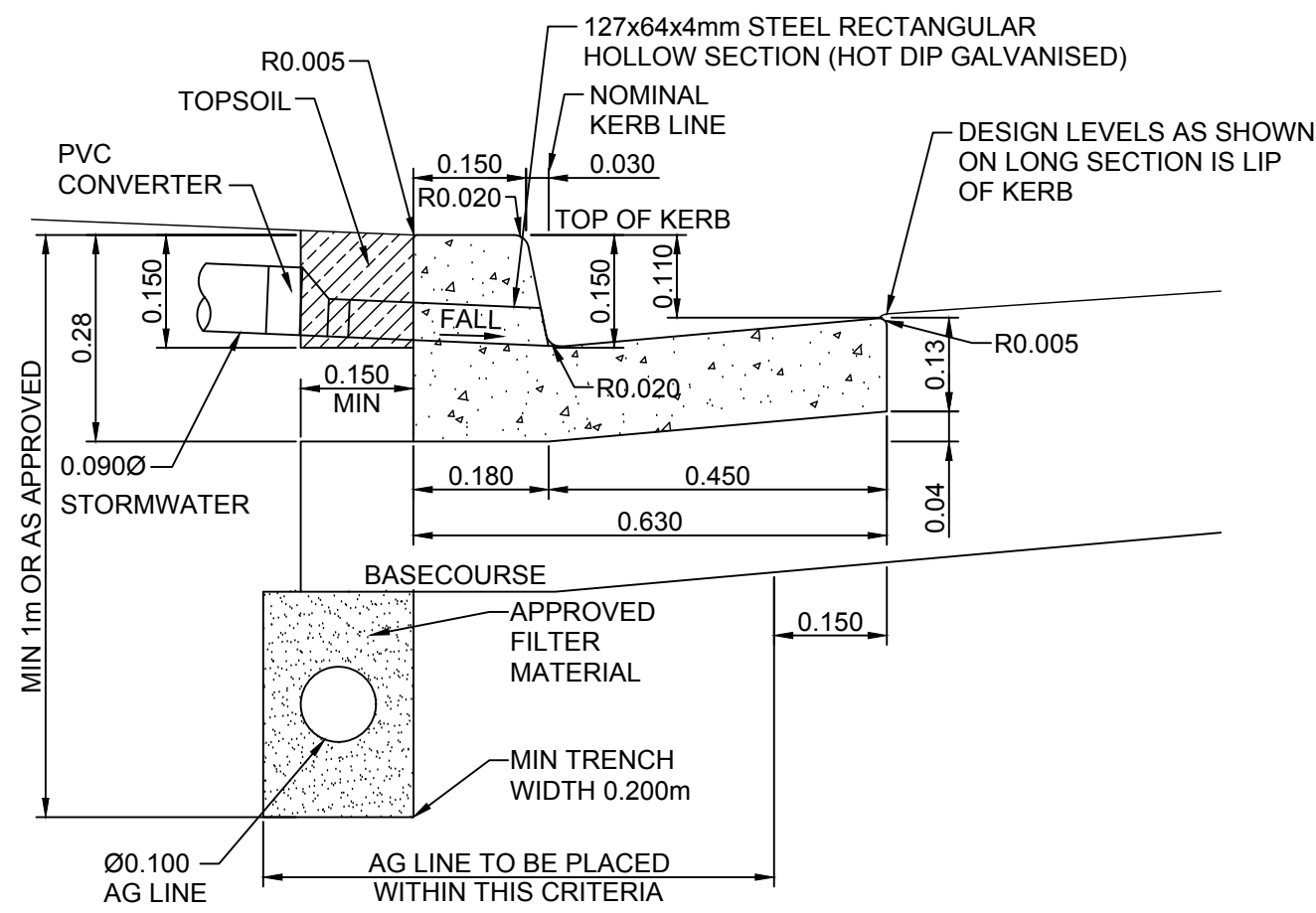
1. ALL DIMENSIONS ARE IN METERS.
2. FOR DETAIL OF KERB AND GUTTER OPTIONS SEE MD R15.A01.A.1.
3. ALL KERB RAMPS ARE TO BE ALIGNED WITH THE DESIRED DIRECTION OF PEDESTRIAN TRAVEL. IT IS CRITICAL THAT THE KERB RAMP IS DEFINED BY SHARP TRANSITION JOINTS/ CHANGES IN GRADE AND THAT THE ORIENTATION OF THE SLOPING FACE OF RAMP DIRECTS PEDESTRIAN ALONG THE DIRECTION OF THE CROSSING.
4. THE DIRECTION OF A KERB RAMP MUST BE ALIGNED TO THE CORRESPONDING RAMP ON THE OPPOSITE SIDE OF THE ROAD.
5. (I) AT PEDESTRIAN CROSSINGS (ZEBRA) THE SLOPING FACE OF THE RAMP SHOULD BE AS WIDE AS THE OUTSIDE EDGE OF THE ZEBRA STRIPES. WHERE THIS IS NOT POSSIBLE, THE RAMP SHOULD BE AT A PRACTICAL WIDTH NO LESS THAN 1.000m WIDE. (REFER TO PLAN C SHEET 2)  
(II) FOR A MARKED FOOT CROSSING (SIGNALISED SHARED PEDESTRIAN/BICYCLE CROSSING) SLOPING FACE OF RAMP IF FULL WIDTH SHOULD BE AS WIDE AS THE OUTSIDE OF THE PAINT LINES. WHERE THIS IS NOT POSSIBLE THE RAMP SHOULD BE LOCATED NEAR THE SIGNAL POST WITH A PUSH BUTTON ON IT AT A PRACTICAL WIDTH.  
(III) AT MARKED FOOT CROSSINGS (SIGNALIZED PEDESTRIAN ONLY CROSSINGS) THE SLOPING FACE OF THE RAMP SHOULD BE AS WIDE AS THE OUTSIDE OF THE PAINT LINES. WHERE THIS IS NOT POSSIBLE THE RAMP SHOULD BE LOCATED NEAR THE SIGNAL POST WITH A PUSH BUTTON ON IT AT A PRACTICAL WIDTH NO LESS THAN 1.000m.
6. EXPANSION / CONSTRUCTION JOINTS TO BE PROVIDED WHERE ENDS OF KERB RAMP ABUTS KERB AND GUTTER.
7. SEPARATE KERB RAMPS MUST BE USED FOR ADJACENT CROSSINGS AT INTERSECTIONS. (REFER TO PLAN E SHEET 2)
8. SEE RTA'S TRAFFIC SIGNAL PRACTICE - DESIGN AND DELINEATION MANUAL.
9. C4 LINE MARKING 0.100m X 1.000m LONG WITH 3.000m GAP.



**TYPICAL PAVEMENT DETAIL**  
SCALE: N.T.S.



**TYPICAL LAYBACK KERB AND GUTTER (LKG)**  
SCALE 1:10



**TYPICAL UPRIGHT KERB AND GUTTER (KG)**  
SCALE 1:10

BEWARE!

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RATIO:  
**AS NOTED**  
(AT A1 ORIGINAL)

DATUM:  
AUSTRALIAN HEIGHT DATUM  
ORIGIN: SSM 63791  
RL 8.71  
DATE OF PLAN: JULY 2017

SURVEY  
DESIGN  
DRAWN  
CHECK'D  
APS  
CEG  
TSP  
CEG

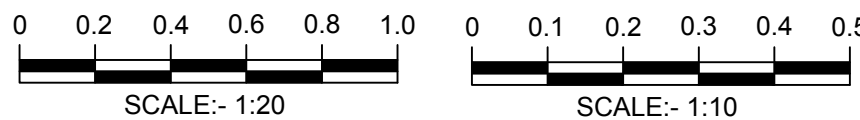
REV  
P0  
DESCRIPTION  
FOR INFORMATION

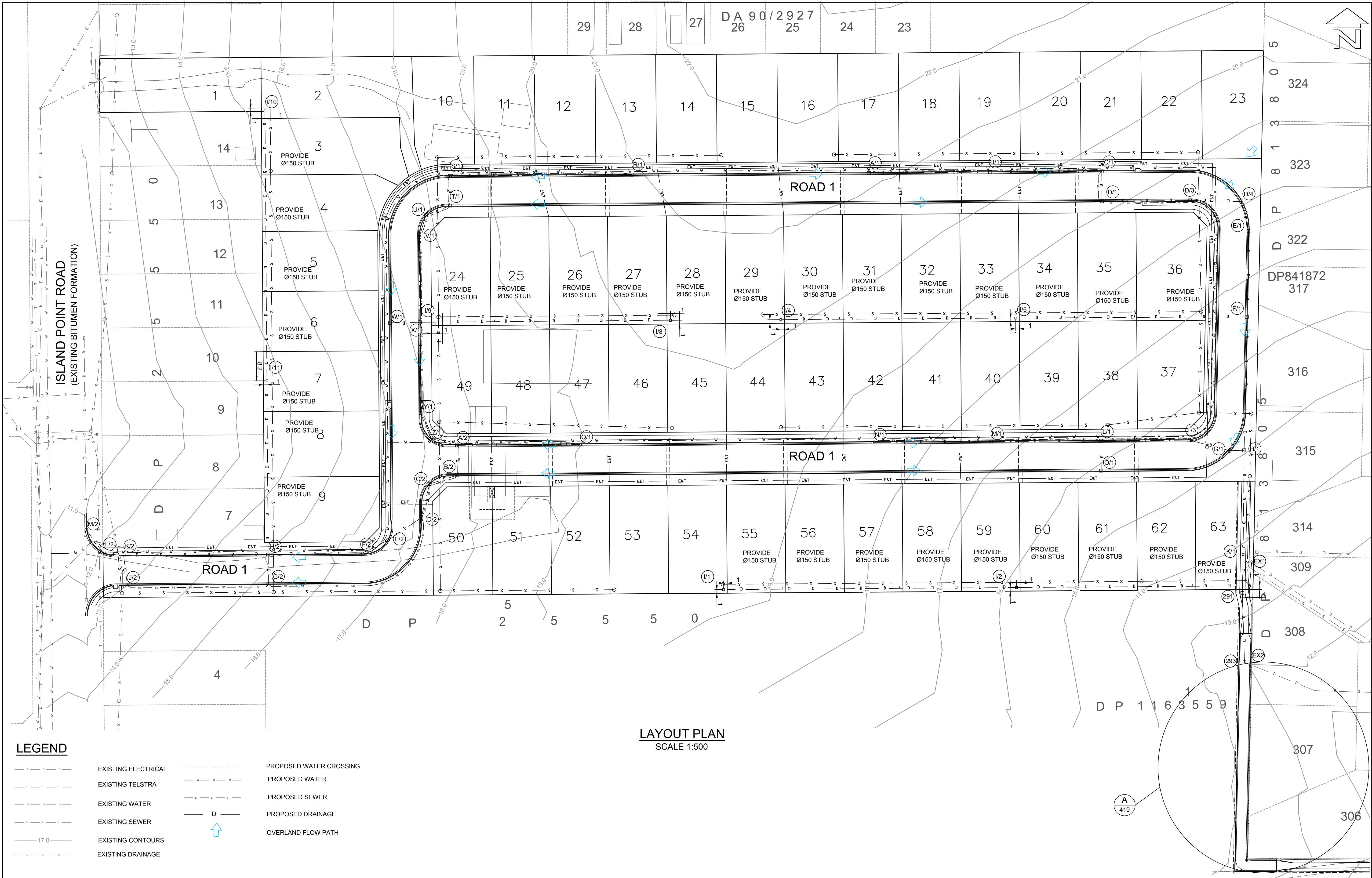
BY  
TSP  
DATE  
26/07/2017

**allen price & scarratts pty ltd**  
land and development consultants  
Nowra Branch: 75 Plunkett Street, Nowra NSW 2541  
Kiama Branch: 5/125 Terralong Street, Kiama NSW 2533  
phone:(02) 4421 6544 fax:(02) 4422 1821  
consultants@allenprice.com.au www.allenprice.com.au

ROAD TYPICAL DETAILS  
PROPOSED SUBDIVISION  
OVER LOTS 6 & 15, DP 25550  
AT ISLAND POINT ROAD, ST GEORGES BASIN  
FOR SOUTHERN LAND NOMINEES PTY LTD

DRAWING STATUS  
**FOR INFORMATION**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES  
DRAWING NUMBER  
**N24285-414**  
SHEET **4** OF **10**  
REVISION  
**P0**





LEGEND

|     |                     |     |                         |
|-----|---------------------|-----|-------------------------|
| --- | EXISTING ELECTRICAL | --- | PROPOSED WATER CROSSING |
| --- | EXISTING TELSTRA    | --- | PROPOSED WATER          |
| --- | EXISTING WATER      | --- | PROPOSED SEWER          |
| --- | EXISTING SEWER      | --- | PROPOSED DRAINAGE       |
| --- | EXISTING CONTOURS   | --- | OVERLAND FLOW PATH      |
| --- | EXISTING DRAINAGE   | --- |                         |

BEWARE!

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RATIO:  
**1:500**  
(AT A1 ORIGINAL)

DATUM:  
AUSTRALIAN HEIGHT DATUM  
ORIGIN: SSM 63971  
RL 8.71  
DATE OF PLAN: JULY 2017

|         |     |
|---------|-----|
| SURVEY  | APS |
| DESIGN  | CEG |
| DRAWN   | TSP |
| CHECK'D | CEG |

REV P0 DESCRIPTION FOR INFORMATION

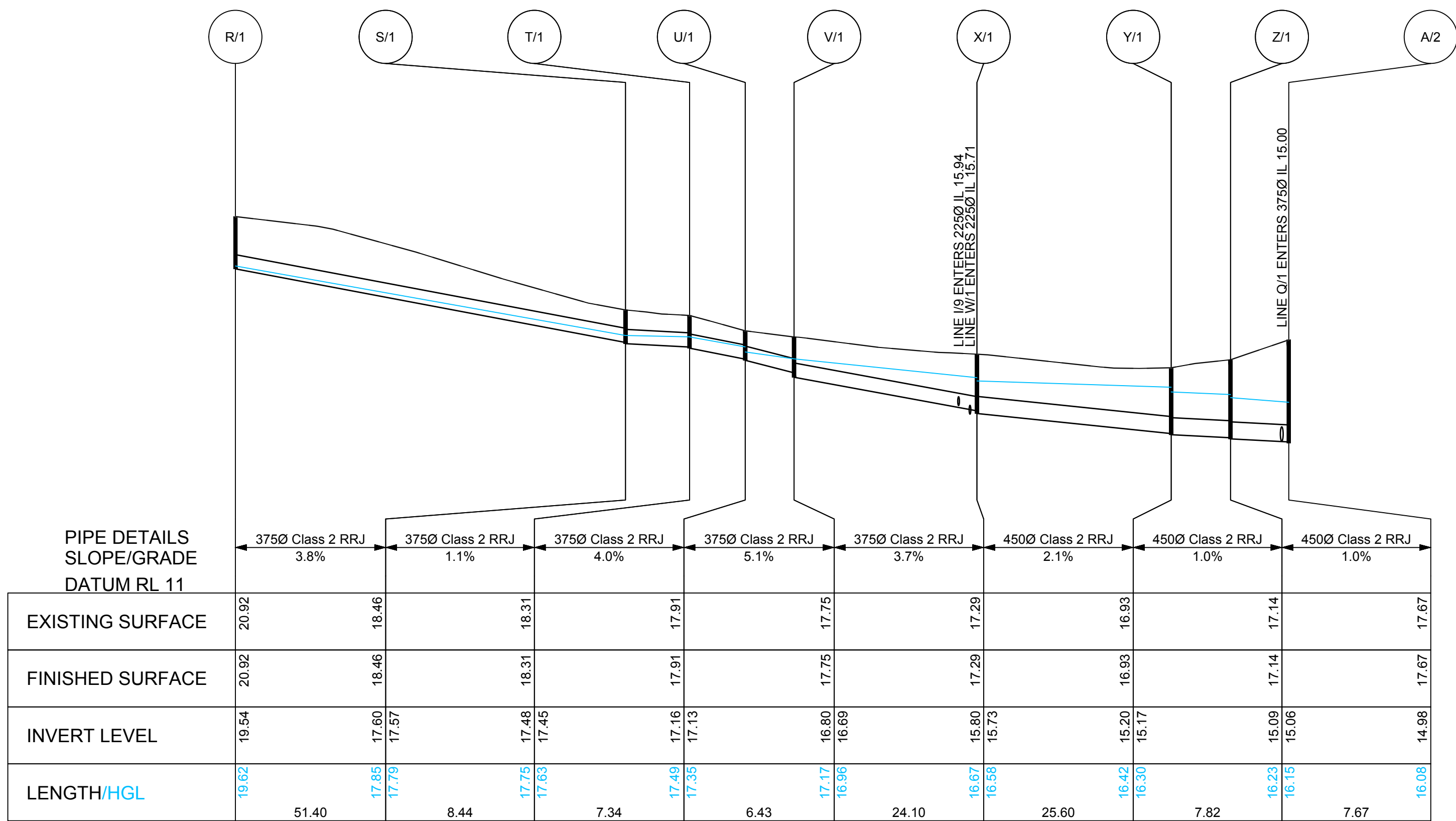
BY TSP DATE 26/07/2017

**aps** allen price & scarratts pty ltd  
land and development consultants  
Nowra Branch: 75 Plunkett Street, Nowra NSW 2541  
Kiama Branch: 5/125 Terralong Street, Kiama NSW 2533  
phone: (02) 4421 6544 fax: (02) 4422 1821  
consultants@allenprice.com.au www.allenprice.com.au

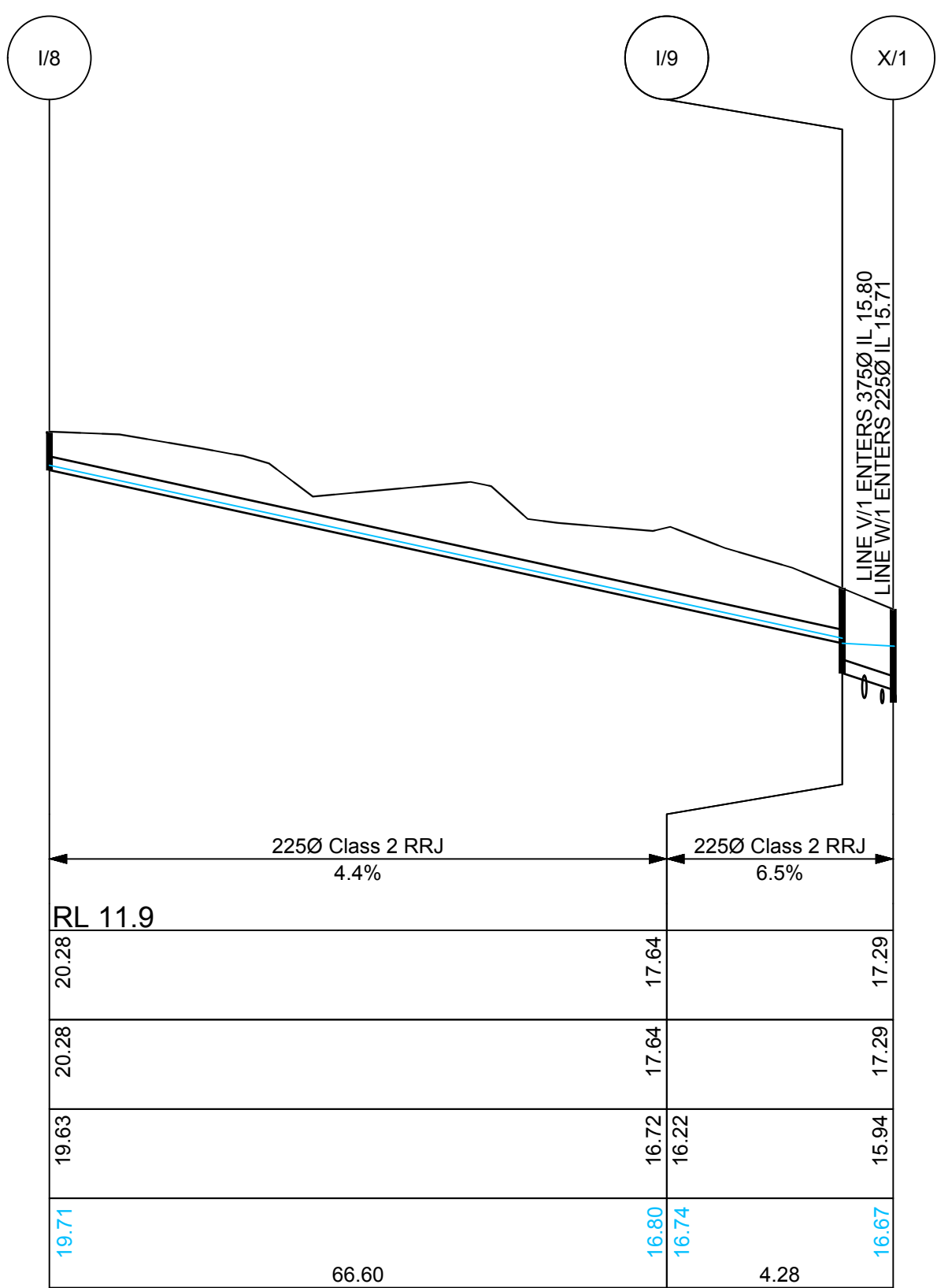
**DRAINAGE LAYOUT PLAN**  
**PROPOSED SUBDIVISION**  
**OVER LOTS 6 & 15, DP 25550**  
**AT ISLAND POINT ROAD, ST GEORGES BASIN**  
**FOR SOUTHERN LAND NOMINEES PTY LTD**

|                                          |       |          |
|------------------------------------------|-------|----------|
| DRAWING STATUS                           |       |          |
| FOR INFORMATION                          |       |          |
| NOT TO BE USED FOR CONSTRUCTION PURPOSES |       |          |
| DRAWING NUMBER                           | SHEET | REVISION |
| N42825-415                               | 5     | P0       |
|                                          | OF 10 |          |

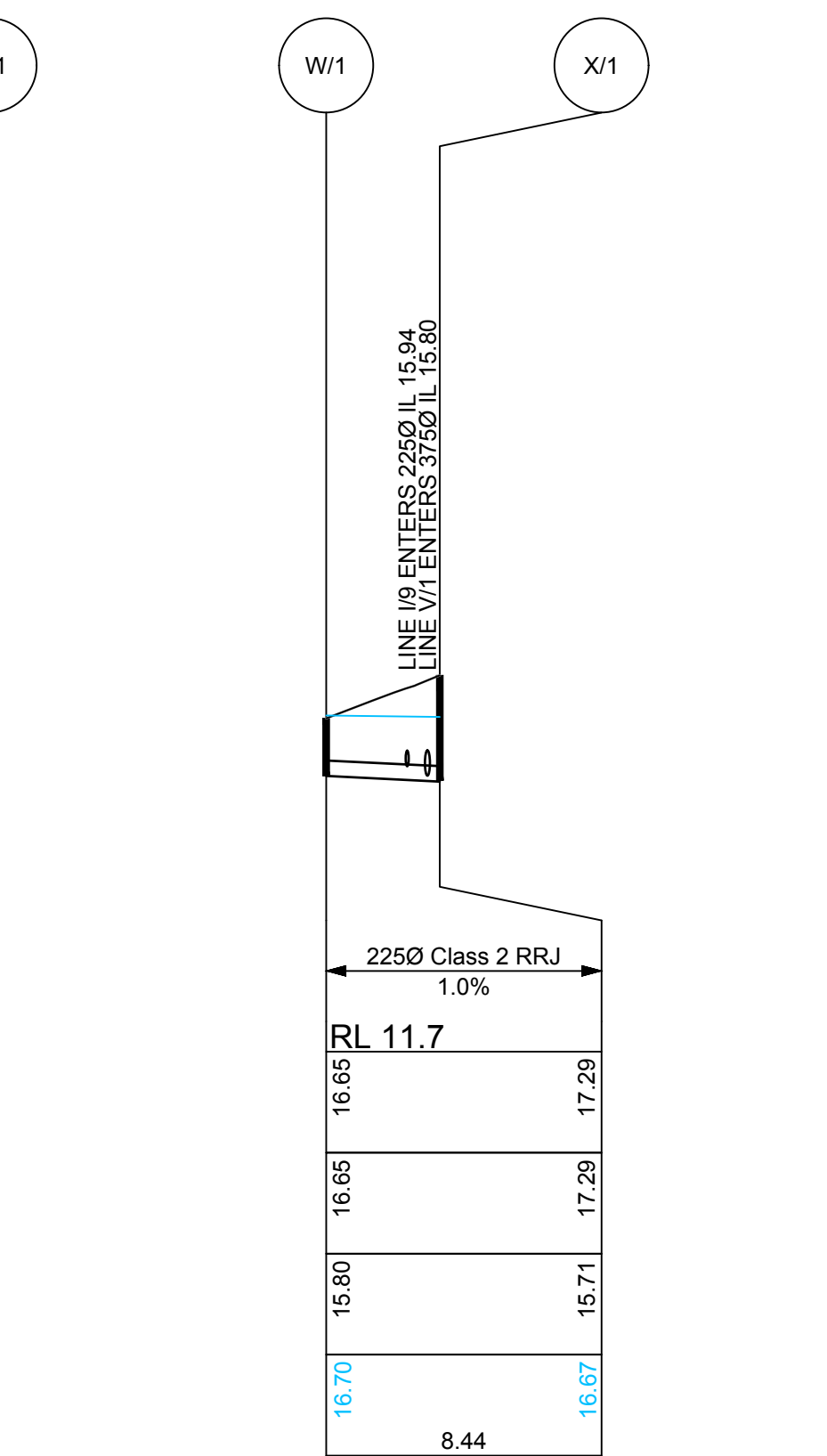




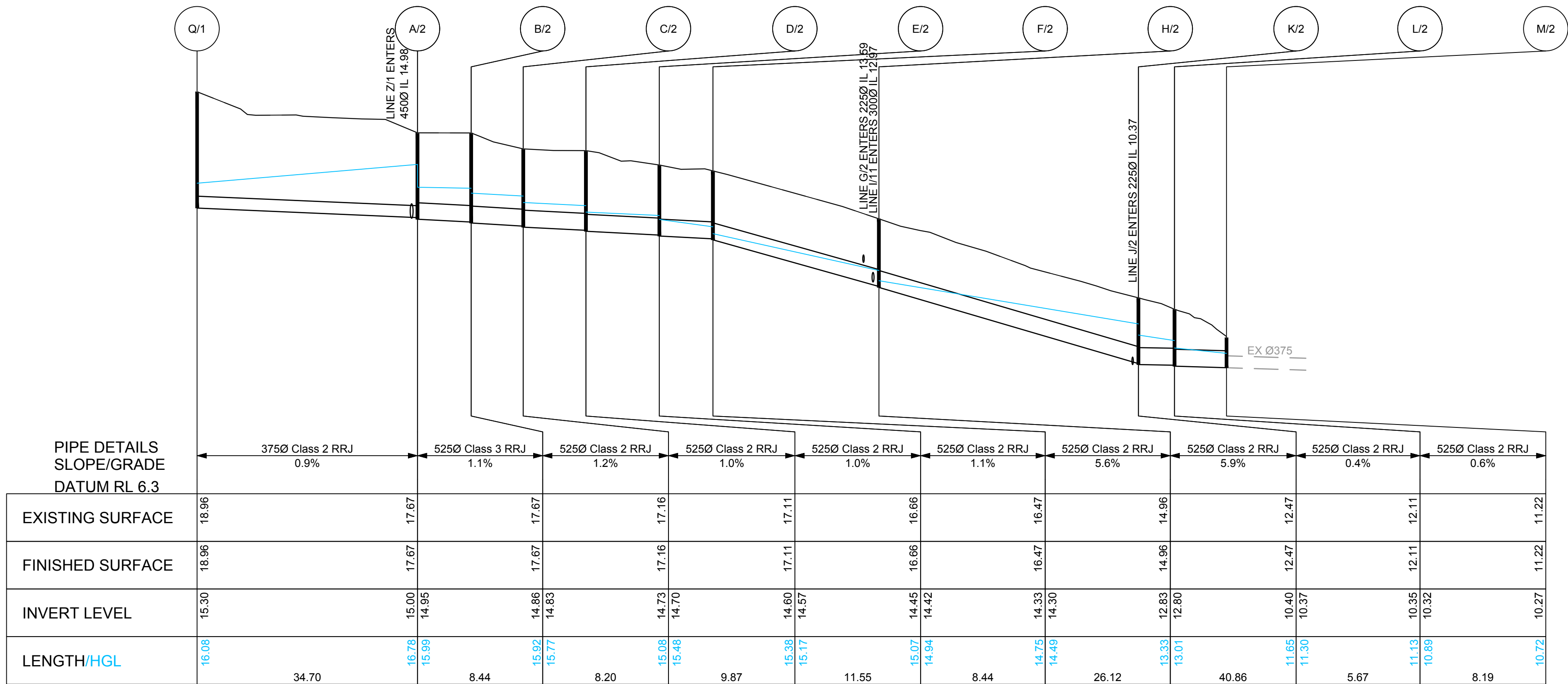
DRAINAGE LONGITUDINAL SECTION FOR R/1 - A/2  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



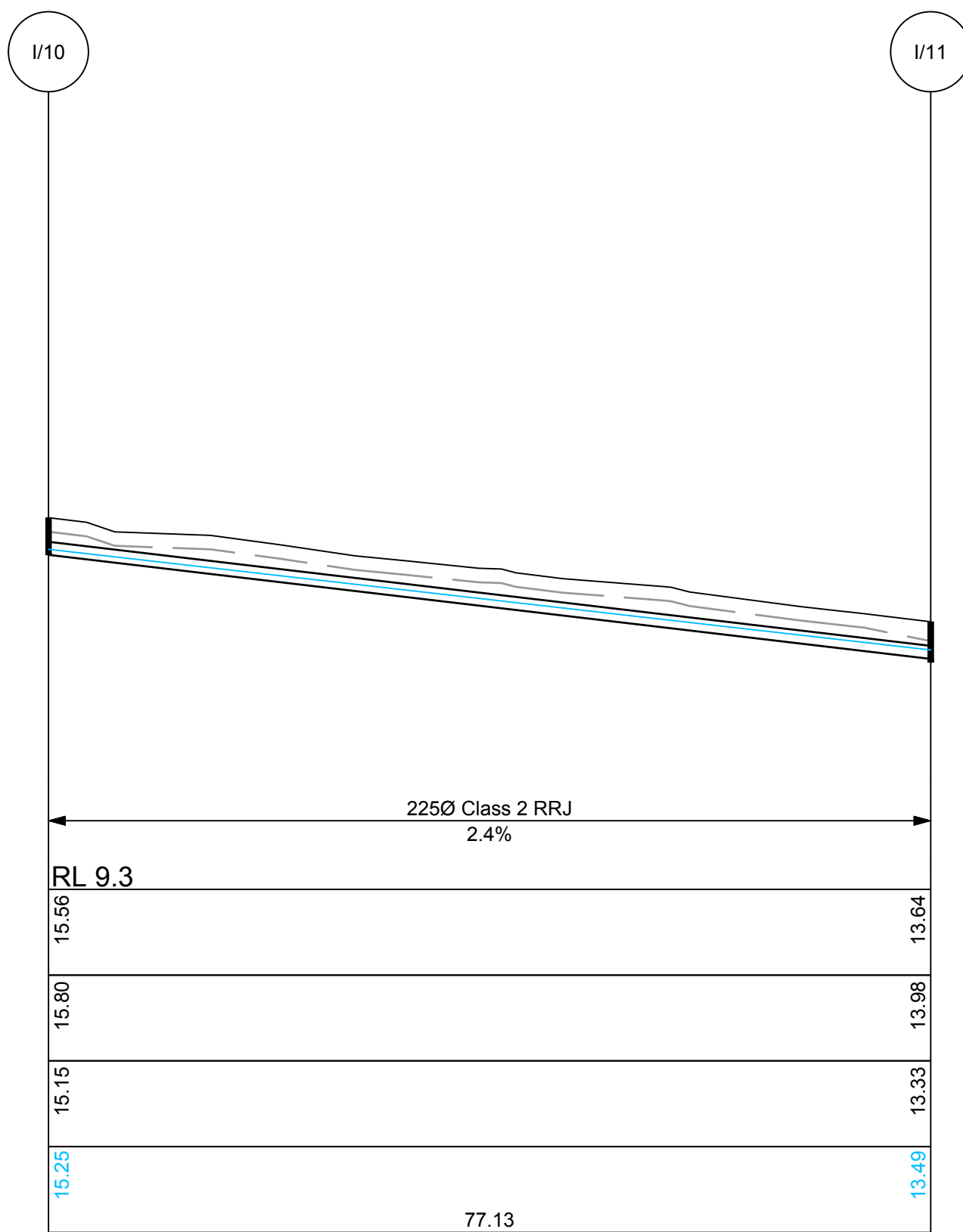
DRAINAGE LONGITUDINAL SECTION FOR I/8 - X/1  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



DRAINAGE LONGITUDINAL SECTION FOR W/1 - X/1  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



DRAINAGE LONGITUDINAL SECTION FOR Q/1 - M/2  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



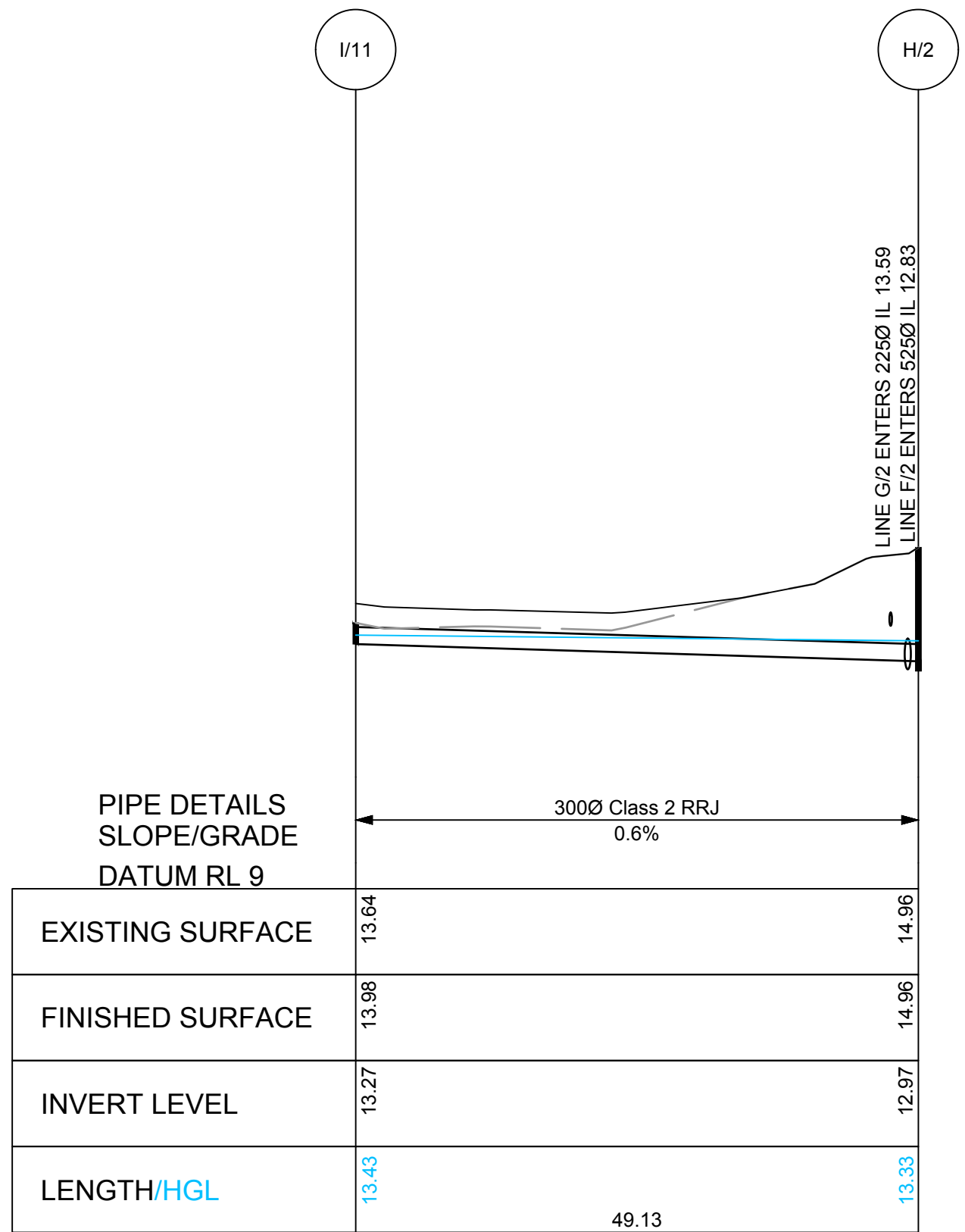
DRAINAGE LONGITUDINAL SECTION FOR I/10 - I/11  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100

**BEWARE!**

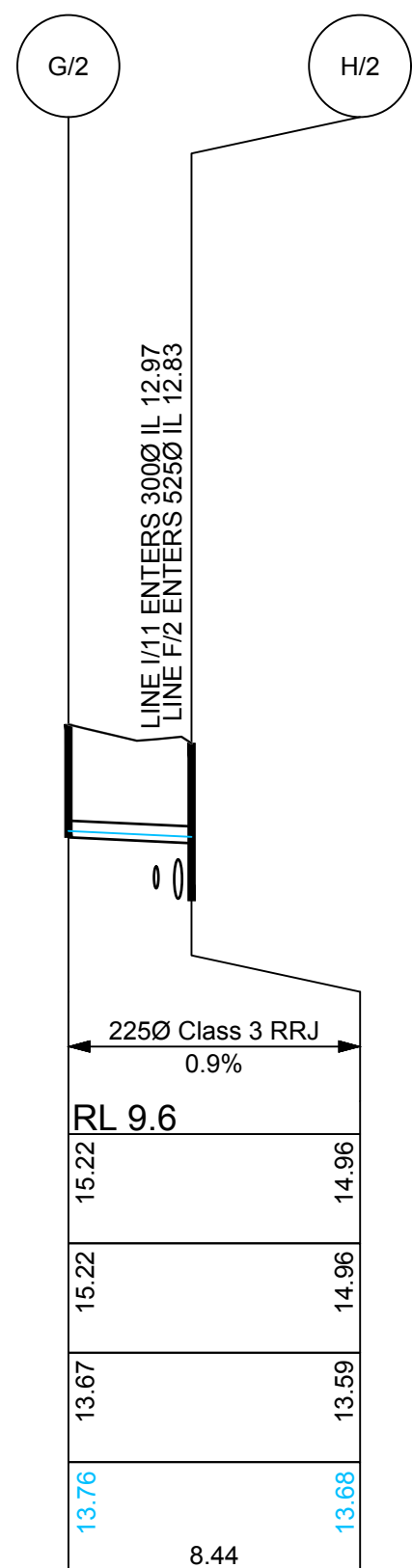
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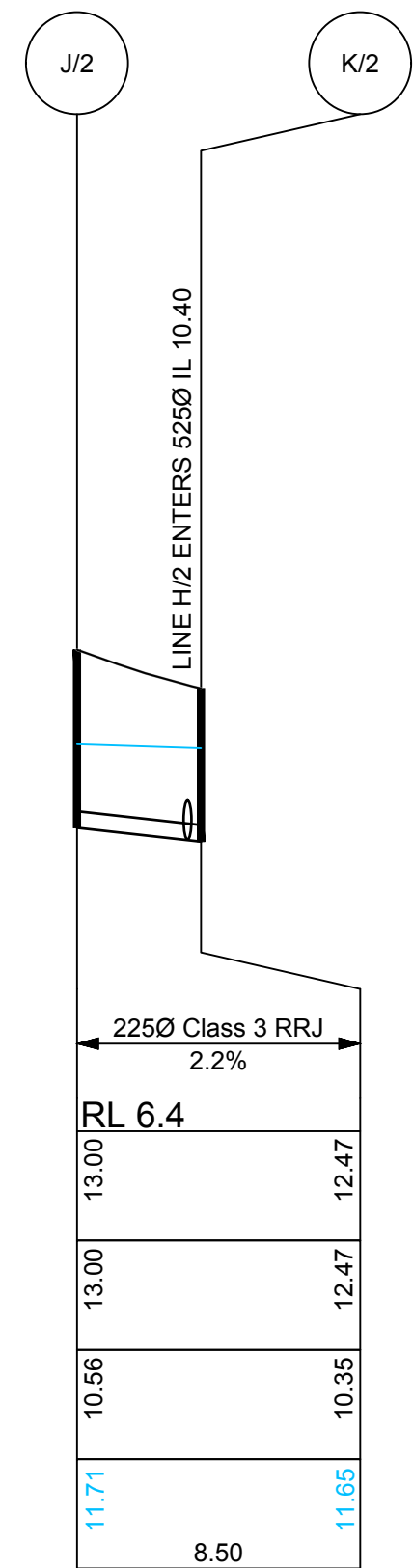
|                                                     |                                                                                              |                                      |                          |           |                                |           |                    |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                             |                                                                                                                             |                       |                       |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-----------|--------------------------------|-----------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| RATIO:<br><b>H1:500, V1:100</b><br>(AT A1 ORIGINAL) | DATUM:<br>AUSTRALIAN HEIGHT DATUM<br>ORIGIN: SSM 63971<br>RL 8.71<br>DATE OF PLAN: JULY 2017 | SURVEY<br>DESIGN<br>DRAWN<br>CHECK'D | APS<br>CEG<br>TSP<br>CEG | REV<br>P0 | DESCRIPTION<br>FOR INFORMATION | BY<br>TSP | DATE<br>26/07/2017 | <b>aps</b> allen price & scarratts pty ltd<br>land and development consultants<br>Nowra Branch: 75 Plunkett Street, Nowra NSW 2541<br>Kiama Branch: 5/125 Terralong Street, Kiama NSW 2533<br>phone: (02) 4421 6544 fax: (02) 4422 1821<br>consultants@allenprice.com.au www.allenprice.com.au | DRAINAGE LONG SECTIONS (SHEET 1 OF 3)<br>PROPOSED SUBDIVISION<br>OVER LOTS 6 & 15, DP 25550<br>AT ISLAND POINT ROAD, ST GEORGES BASIN<br>FOR SOUTHERN LAND NOMINEES PTY LTD | DRAWING STATUS<br><b>FOR INFORMATION</b><br>NOT TO BE USED FOR CONSTRUCTION PURPOSES<br>DRAWING NUMBER<br><b>N24285-416</b> | SHEET<br>OF <b>10</b> | REVISION<br><b>P0</b> |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-----------|--------------------------------|-----------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|



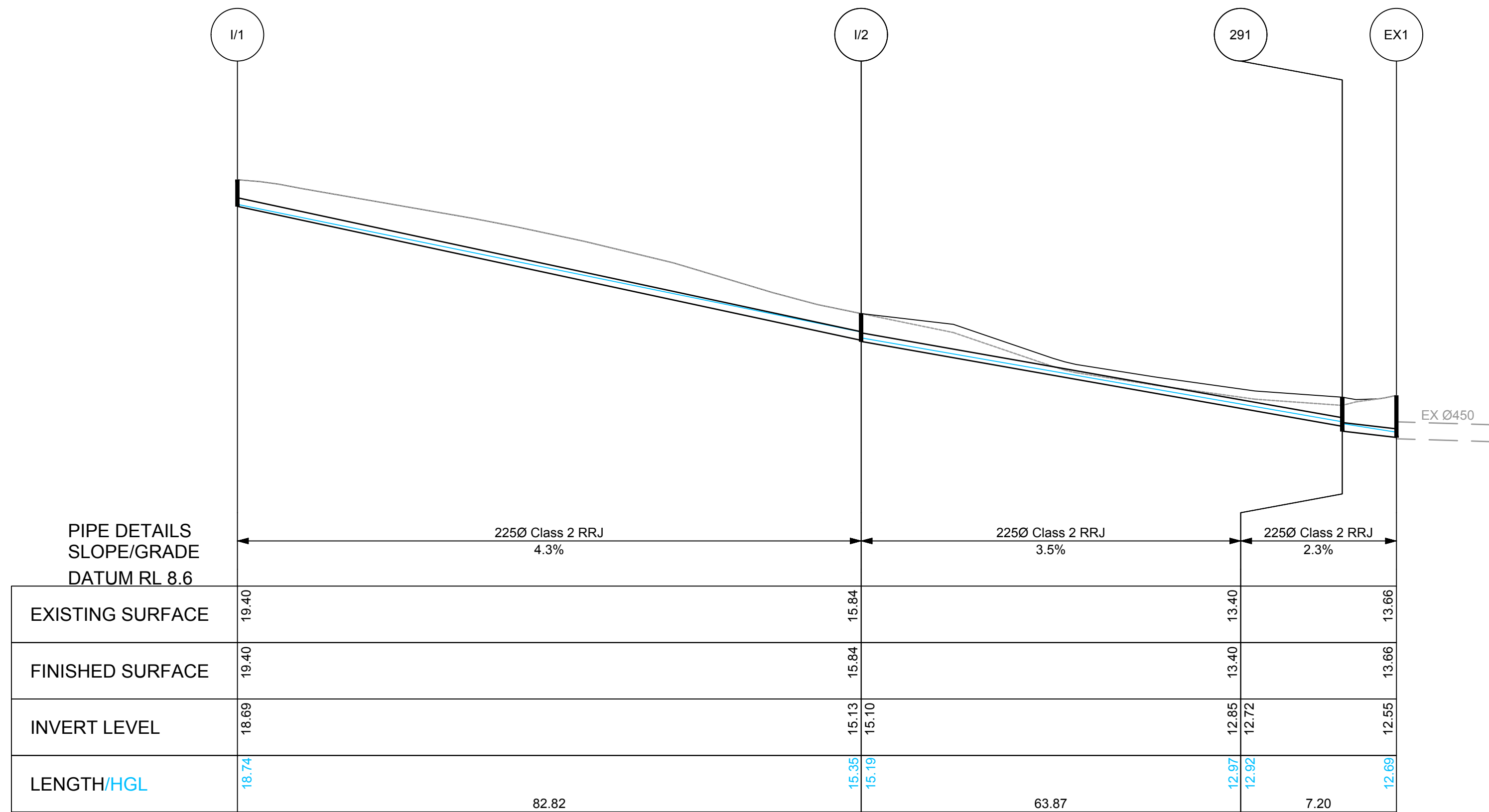
DRAINAGE LONGITUDINAL SECTION FOR LINE I/11 - H/2  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



DRAINAGE LONGITUDINAL SECTION FOR LINE G/2 - H/2  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



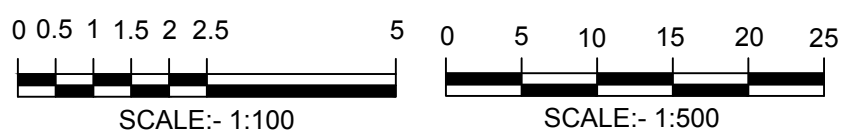
DRAINAGE LONGITUDINAL SECTION FOR LINE J/2 - K/2  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



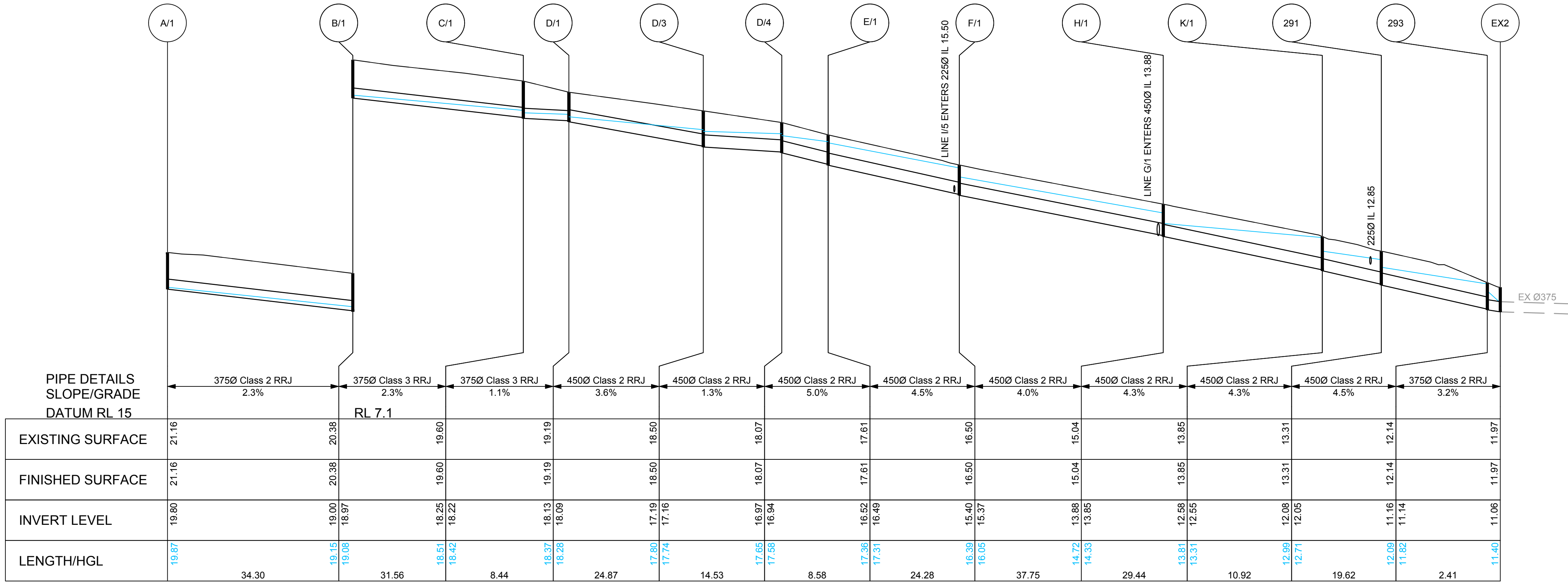
DRAINAGE LONGITUDINAL SECTION FOR LINE I/1 - EX1  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100

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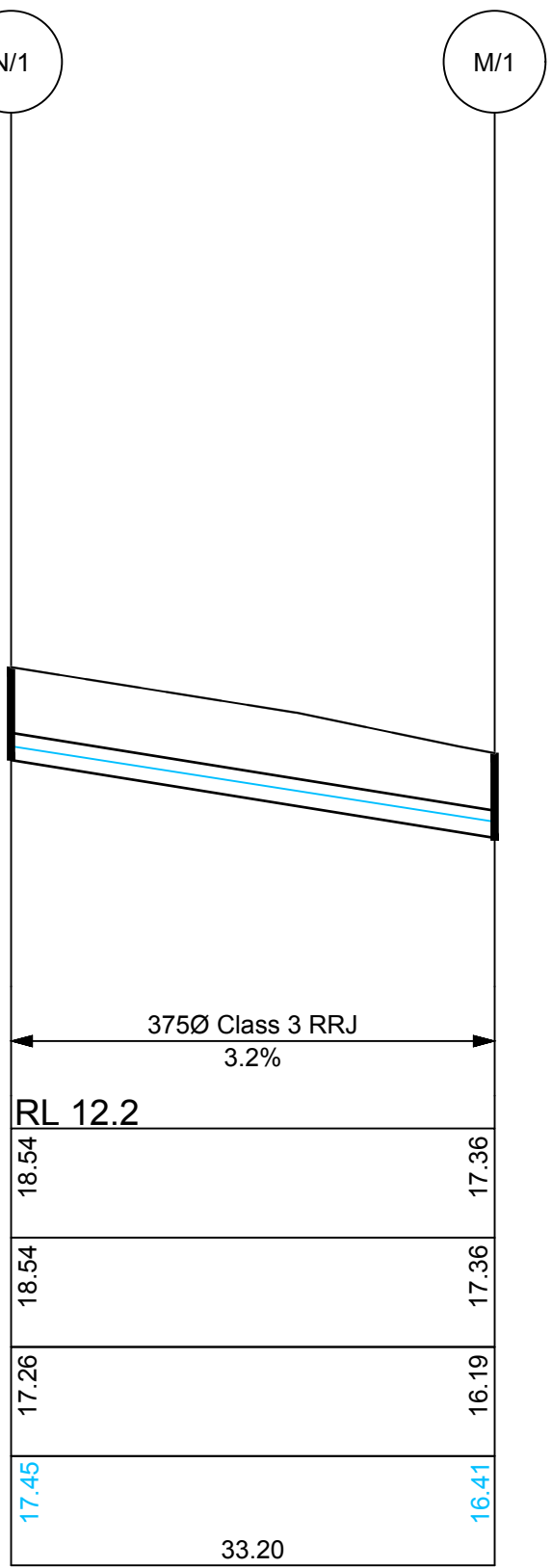


|                                                      |                                   |         |     |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                             |                                          |                 |    |          |
|------------------------------------------------------|-----------------------------------|---------|-----|-----|-----------------|-----|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------|----|----------|
| RATIO:<br><br>H1:500, V1:100<br><br>(AT A1 ORIGINAL) | DATUM:<br>AUSTRALIAN HEIGHT DATUM | SURVEY  | APS | REV | DESCRIPTION     | BY  | DATE       |  <b>allen price &amp; scarratts pty ltd</b><br>land and development consultants<br>Nowra Branch: 75 Plunkett Street, Nowra NSW 2541<br>Kiama Branch: 5/125 Terralong Street, Kiama NSW 2533<br>phone:(02) 4421 6544 fax:(02) 4422 1821<br>consultants@allenprice.com.au www.allenprice.com.au | DRAINAGE LONG SECTIONS (SHEET 2 OF 3)<br>PROPOSED SUBDIVISION<br>OVER LOTS 6 & 15, DP 25550<br>AT ISLAND POINT ROAD, ST GEORGES BASIN<br>FOR SOUTHERN LAND NOMINEES PTY LTD | DRAWING STATUS                           | FOR INFORMATION |    |          |
|                                                      | ORIGIN: SSM 63971<br>RL 8.71      | DESIGN  | CEG | P0  | FOR INFORMATION | TSP | 26/07/2017 |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                             | NOT TO BE USED FOR CONSTRUCTION PURPOSES |                 |    |          |
|                                                      | DATE OF PLAN: JULY 2017           | DRAWN   | TSP |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                             | DRAWING NUMBER                           | SHEET           | 7  | REVISION |
|                                                      |                                   | CHECK'D | CEG |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                             | N24285-417                               | OF              | 10 | P0       |



| PIPE DETAILS<br>SLOPE/GRADE<br>DATUM RL 15 |       | 375Ø Class 2 RRJ<br>2.3% |  | 375Ø Class 3 RRJ<br>2.3% |  | 375Ø Class 3 RRJ<br>1.1% |  | 450Ø Class 2 RRJ<br>3.6% |  | 450Ø Class 2 RRJ<br>1.3% |  | 450Ø Class 2 RRJ<br>5.0% |  | 450Ø Class 2 RRJ<br>4.5% |  | 450Ø Class 2 RRJ<br>4.0% |  | 450Ø Class 2 RRJ<br>4.3% |  | 450Ø Class 2 RRJ<br>4.3% |  | 450Ø Class 2 RRJ<br>4.5% |  | 375Ø Class 2 RRJ<br>3.2% |  |       |  |
|--------------------------------------------|-------|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|--|-------|--|
| EXISTING SURFACE                           | 21.16 | 20.38                    |  | RL 7.1                   |  | 19.60                    |  | 19.19                    |  | 18.50                    |  | 18.07                    |  | 17.61                    |  | 16.50                    |  | 15.04                    |  | 13.85                    |  | 13.31                    |  | 12.14                    |  | 11.97 |  |
| FINISHED SURFACE                           | 21.16 | 20.38                    |  |                          |  | 19.60                    |  | 19.19                    |  | 18.50                    |  | 18.07                    |  | 17.61                    |  | 16.50                    |  | 15.04                    |  | 13.85                    |  | 13.31                    |  | 12.14                    |  | 11.97 |  |
| INVERT LEVEL                               | 19.80 | 19.00<br>18.97           |  |                          |  | 18.25<br>18.22           |  | 18.13<br>18.09           |  | 17.19<br>17.16           |  | 16.97<br>16.94           |  | 16.52<br>16.49           |  | 15.40<br>15.37           |  | 13.88<br>13.85           |  | 12.58<br>12.55           |  | 12.08<br>12.05           |  | 11.16<br>11.14           |  | 11.06 |  |
| LENGTH/HGL                                 | 19.87 | 19.15<br>19.08           |  | 18.51<br>18.42           |  | 18.37<br>18.28           |  | 17.80<br>17.74           |  | 17.65<br>17.58           |  | 17.36<br>17.31           |  | 16.39<br>16.05           |  | 14.72<br>14.33           |  | 13.81<br>13.31           |  | 12.99<br>12.71           |  | 12.09<br>11.82           |  | 11.40                    |  |       |  |
|                                            |       | 34.30                    |  | 31.56                    |  | 8.44                     |  | 24.87                    |  | 14.53                    |  | 8.58                     |  | 24.28                    |  | 37.75                    |  | 29.44                    |  | 10.92                    |  | 19.62                    |  | 2.41                     |  |       |  |

DRAINAGE LONGITUDINAL SECTION FOR LINE A/1 - EX2  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



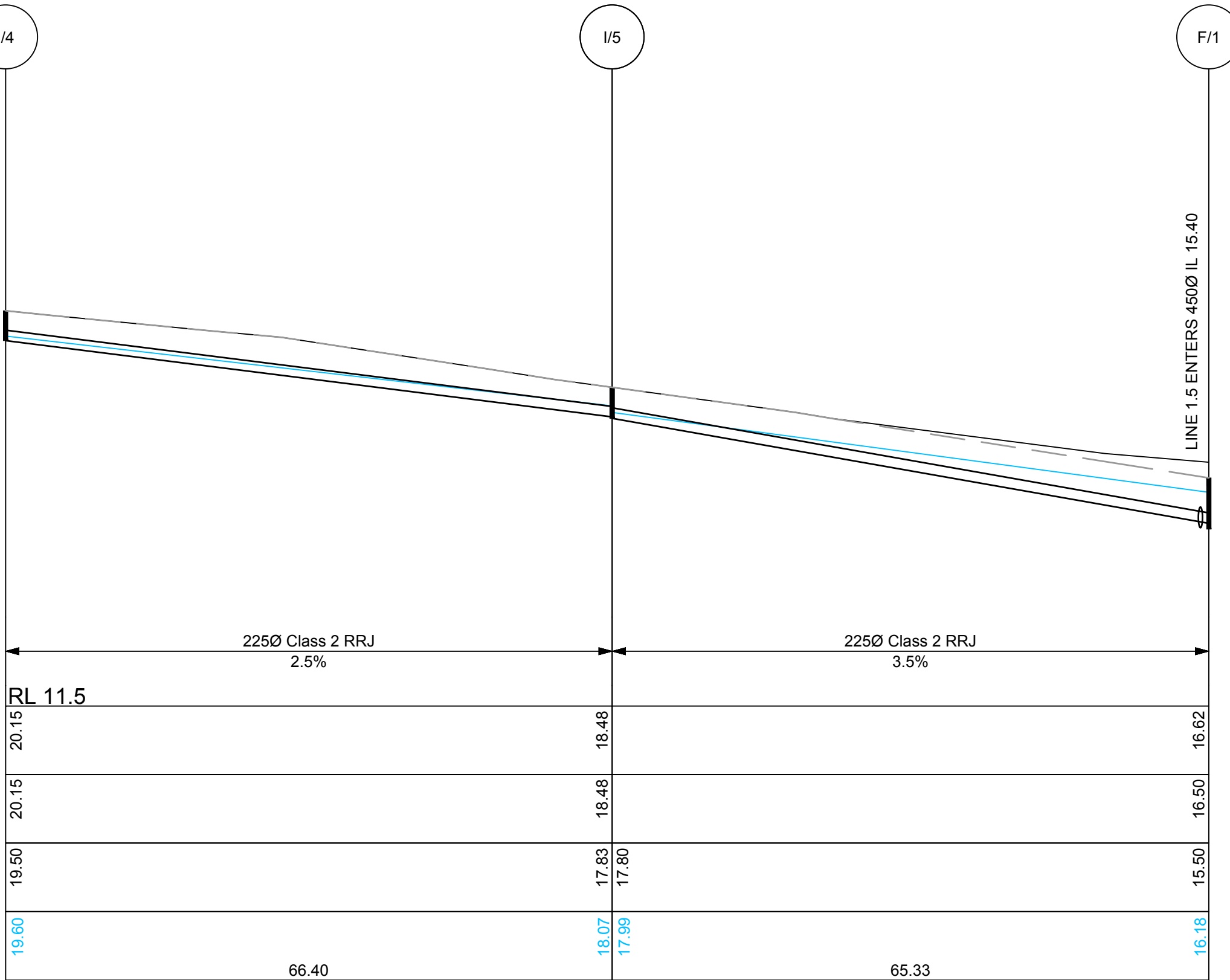
| 375Ø Class 3 RRJ<br>3.2% |       |
|--------------------------|-------|
| EXISTING SURFACE         | 18.54 |
| FINISHED SURFACE         | 18.54 |
| INVERT LEVEL             | 17.26 |
| LENGTH/HGL               | 17.45 |

DRAINAGE LONGITUDINAL SECTION FOR LINE N/1 - M/1  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



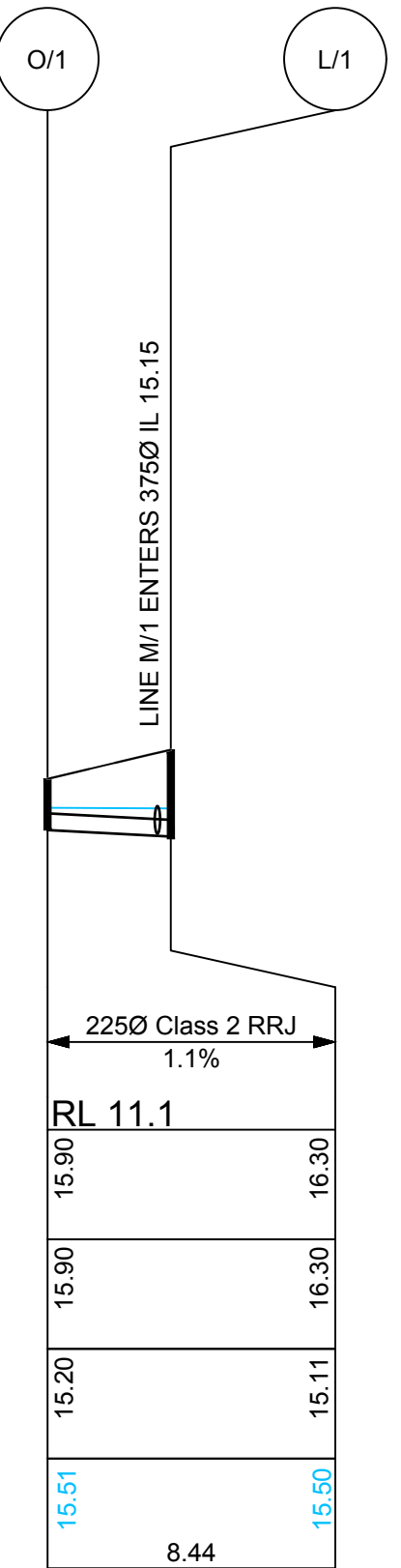
| PIPE DETAILS<br>SLOPE/GRADE<br>DATUM RL 9.9 |       | 375Ø Class 2 RRJ<br>3.2% |  | 450Ø Class 2 RRJ<br>2.3% |  | 450Ø Class 2 RRJ<br>4.3% |  | 450Ø Class 2 RRJ<br>1.2% |  |
|---------------------------------------------|-------|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|--|
| EXISTING SURFACE                            | 17.36 |                          |  |                          |  |                          |  |                          |  |
| FINISHED SURFACE                            | 17.36 |                          |  |                          |  |                          |  |                          |  |
| INVERT LEVEL                                | 16.16 |                          |  |                          |  |                          |  |                          |  |
| LENGTH/HGL                                  | 16.29 | 31.16                    |  | 15.50<br>15.44           |  | 25.02                    |  | 15.16<br>15.11           |  |

DRAINAGE LONGITUDINAL SECTION FOR LINE M/1 - H/1  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



| 225Ø Class 2 RRJ<br>2.5% |       | 225Ø Class 2 RRJ<br>3.5% |  |
|--------------------------|-------|--------------------------|--|
| EXISTING SURFACE         | 20.15 |                          |  |
| FINISHED SURFACE         | 20.15 |                          |  |
| INVERT LEVEL             | 19.50 |                          |  |
| LENGTH/HGL               | 19.60 | 66.40                    |  |

DRAINAGE LONGITUDINAL SECTION FOR LINE I/4 - F/1  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100



| 225Ø Class 2 RRJ<br>1.1% |       |
|--------------------------|-------|
| EXISTING SURFACE         | 15.90 |
| FINISHED SURFACE         | 15.90 |
| INVERT LEVEL             | 15.20 |
| LENGTH/HGL               | 15.51 |

DRAINAGE LONGITUDINAL SECTION FOR LINE O/1 - L/1  
SCALES: HORIZONTAL 1:500 VERTICAL 1:100

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|                                                     |                                                                                              |                                      |                          |           |                                |           |                    |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                    |                                                                                      |                                     |                     |                |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-----------|--------------------------------|-----------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------|---------------------|----------------|
| RATIO:<br><b>H1:500, V1:100</b><br>(AT A1 ORIGINAL) | DATUM:<br>AUSTRALIAN HEIGHT DATUM<br>ORIGIN: SSM 63971<br>RL 8.71<br>DATE OF PLAN: JULY 2017 | SURVEY<br>DESIGN<br>DRAWN<br>CHECK'D | APS<br>CEG<br>TSP<br>CEG | REV<br>P0 | DESCRIPTION<br>FOR INFORMATION | BY<br>TSP | DATE<br>26/07/2017 | <b>allen price &amp; scarratts pty ltd</b><br>land and development consultants<br>Nowra Branch: 75 Plunkett Street, Nowra NSW 2541<br>Kiama Branch: 5/125 Terralong Street, Kiama NSW 2533<br>phone: (02) 4421 6544 fax: (02) 4422 1821<br>consultants@allenprice.com.au www.allenprice.com.au | <b>DRAINAGE LONG SECTIONS (SHEET 3 OF 3)</b><br><b>PROPOSED SUBDIVISION</b><br><b>OVER LOTS 6 &amp; 15, DP 25550</b><br><b>AT ISLAND POINT ROAD, ST GEORGES BASIN</b><br><b>FOR SOUTHERN LAND NOMINEES PTY LTD</b> | DRAWING STATUS<br><b>FOR INFORMATION</b><br>NOT TO BE USED FOR CONSTRUCTION PURPOSES | DRAWING NUMBER<br><b>N24285-418</b> | SHEET<br>8<br>OF 10 | REVISION<br>P0 |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-----------|--------------------------------|-----------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------|---------------------|----------------|

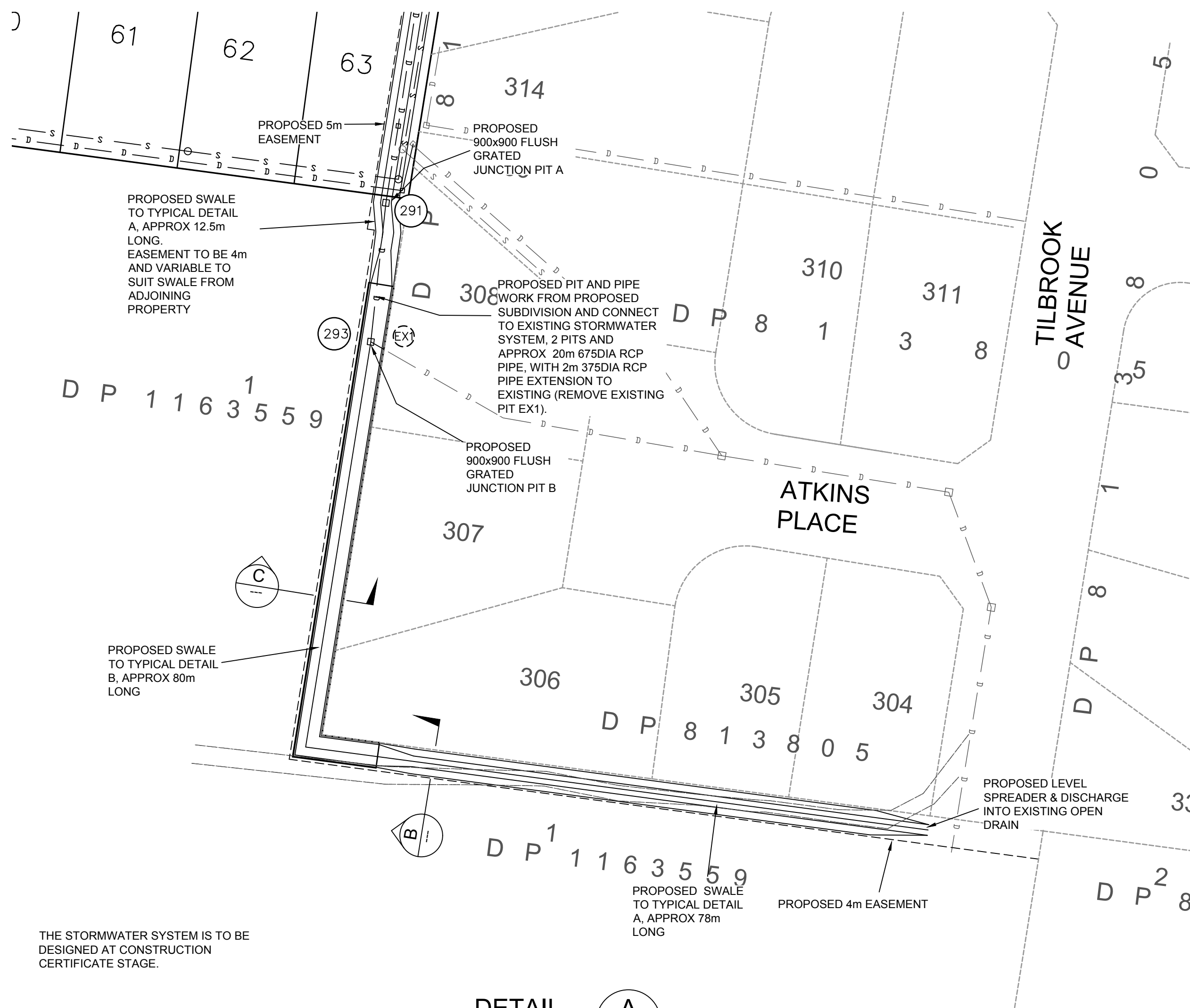
0 0.5 1 1.5 2 2.5 5

SCALE: 1:100

0 5 10 15 20 25

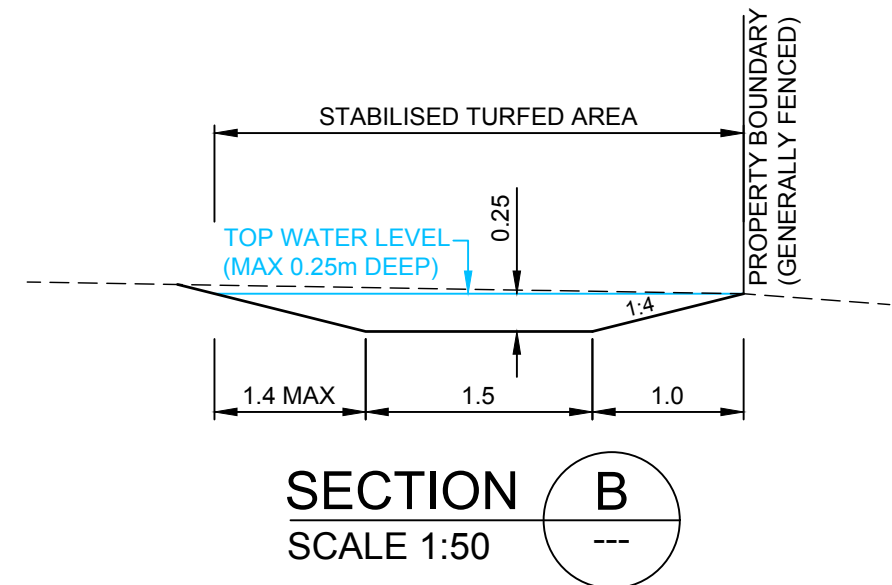
SCALE: 1:500

Liability limited by a scheme approved under Professional Standards Legislation.

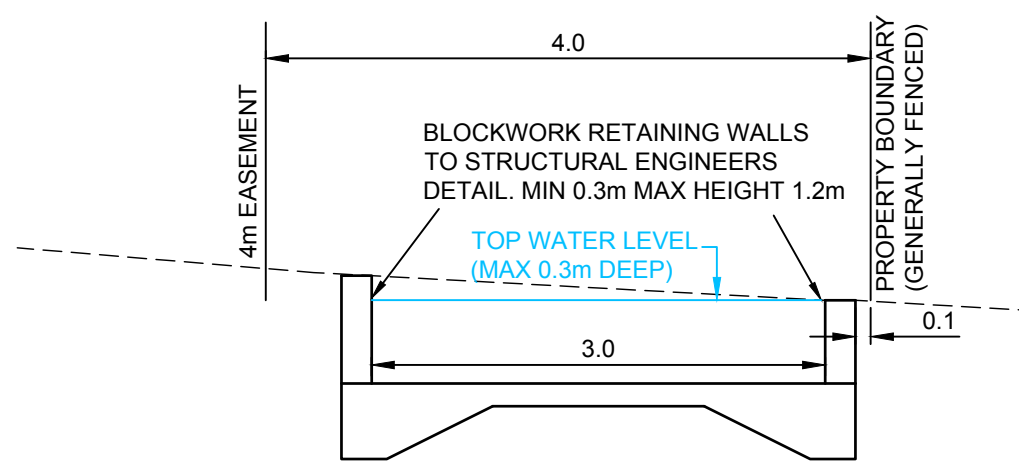


THE STORMWATER SYSTEM IS TO BE DESIGNED AT CONSTRUCTION CERTIFICATE STAGE.

DETAIL A  
SCALE 1:500



SECTION B  
SCALE 1:50

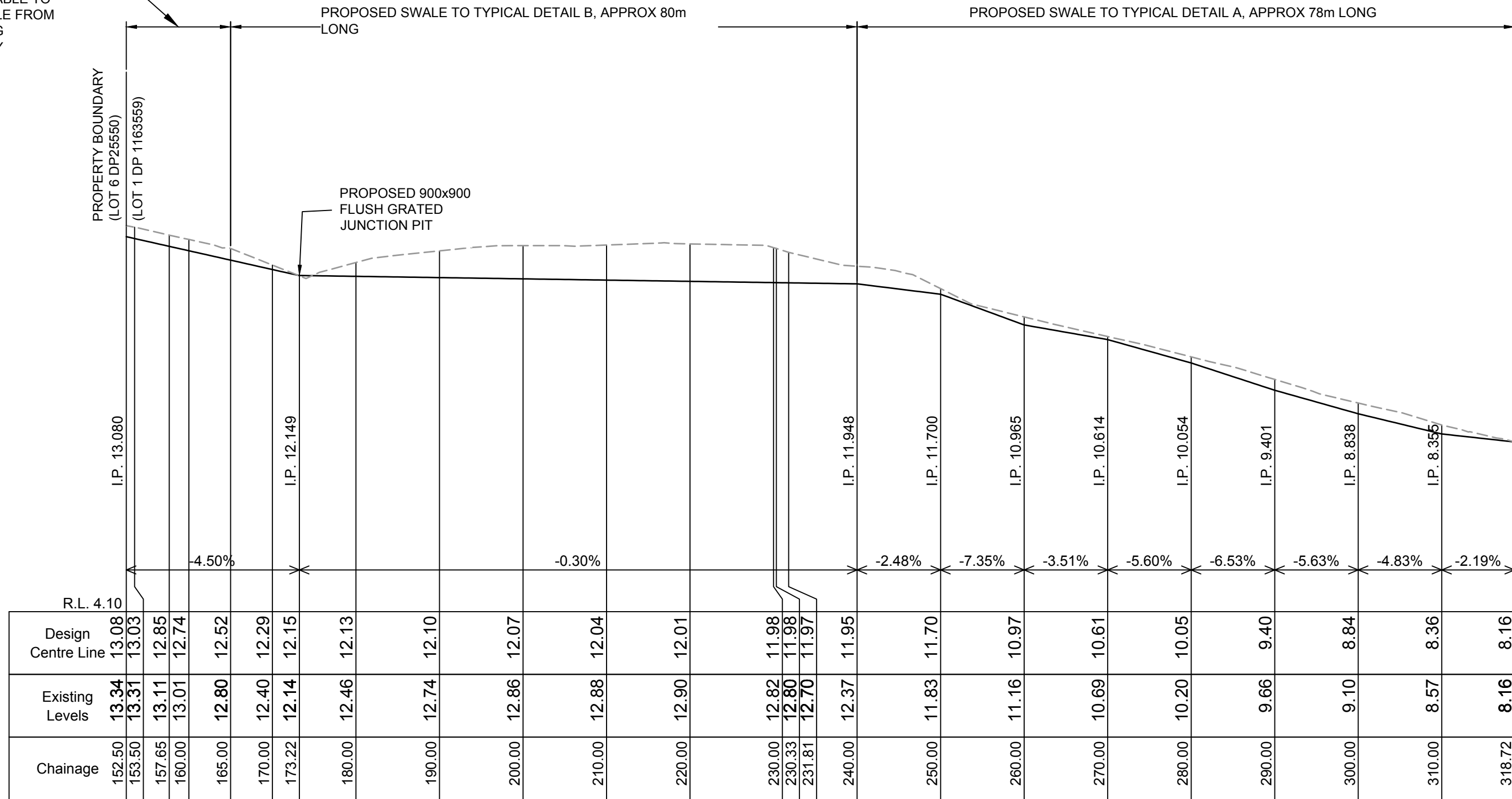


SECTION C  
SCALE 1:50

PROPOSED SWALE TO TYPICAL DETAIL A, APPROX 12.5m LONG. EASEMENT TO BE 4m AND VARIABLE TO SUIT SWALE FROM ADJOINING PROPERTY

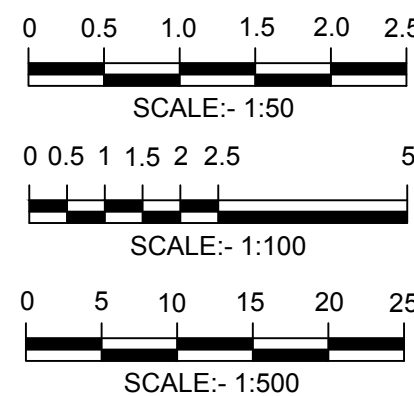
PROPOSED SWALE TO TYPICAL DETAIL B, APPROX 80m LONG

PROPOSED SWALE TO TYPICAL DETAIL A, APPROX 78m LONG



Design Centre Line of SWALE - Scales: H: 1 in500 V: 1 in100

PROPOSED LEVEL SPREADER & DISCHARGE INTO EXISTING OPEN DRAIN

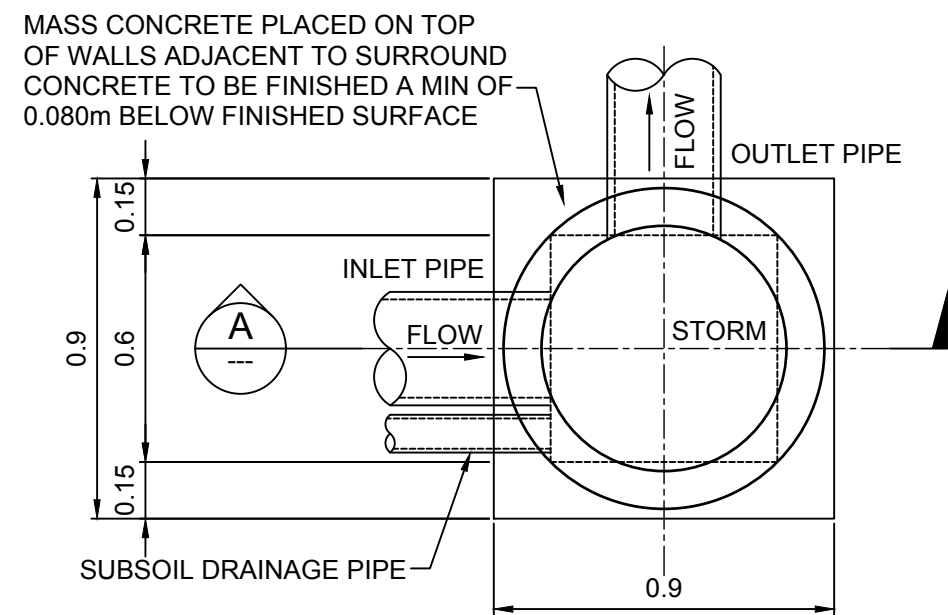


BEWARE!

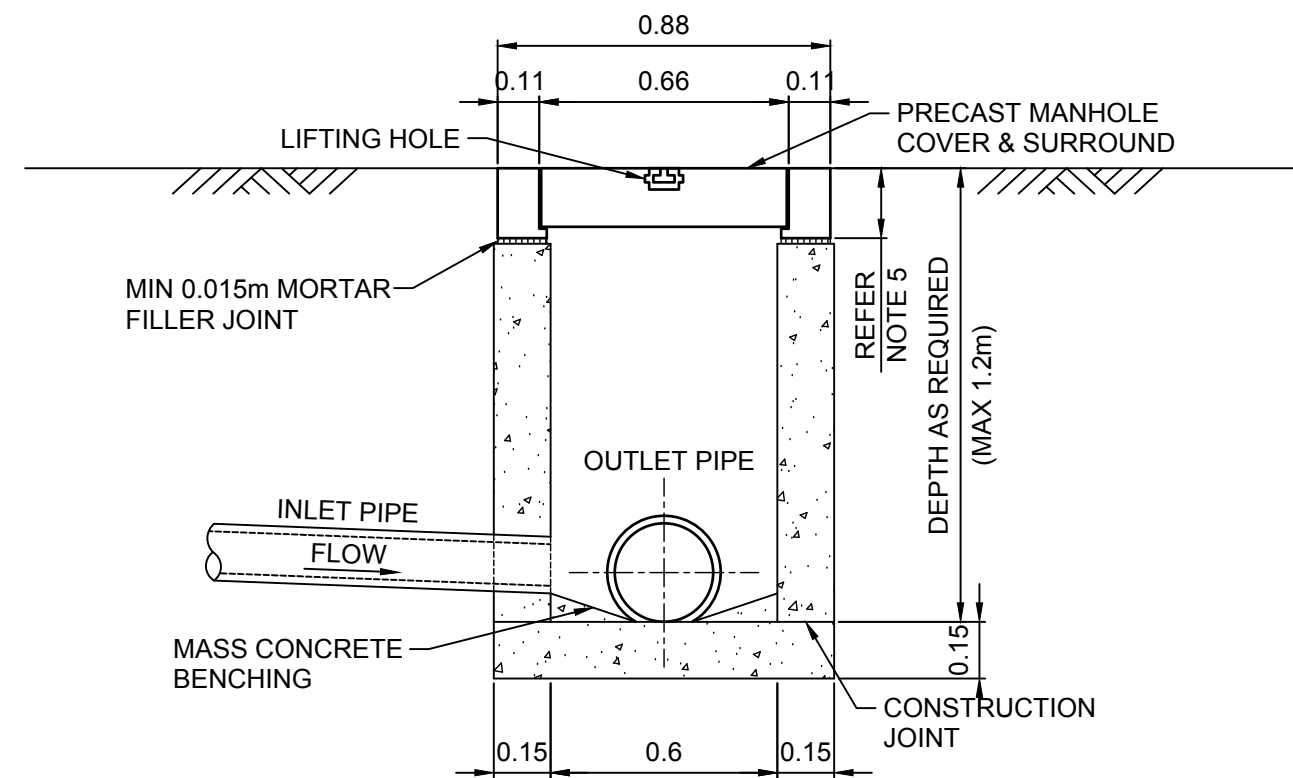
THE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE RESPONSIBLE, AT THE CONTRACTOR'S EXPENSE, FOR ANY REPAIRS TO DAMAGE CAUSED DURING CONSTRUCTION.



|                                                |                                   |         |     |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                      |                                                                               |                     |                |
|------------------------------------------------|-----------------------------------|---------|-----|-----|-----------------|-----|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------|----------------|
| RATIO:<br><br>AS NOTED<br><br>(AT A1 ORIGINAL) | DATUM:<br>AUSTRALIAN HEIGHT DATUM | SURVEY  | APS | REV | DESCRIPTION     | BY  | DATE       |  <div>allen price &amp; scarratts pty ltd<br/>land and development consultants<br/>Nowra Branch: 75 Plunkett Street, Nowra NSW 2541<br/>Kiama Branch: 5/125 Terralong Street, Kiama NSW 2533<br/>phone:(02) 4421 6544 fax:(02) 4422 1821<br/>consultants@allenprice.com.au www.allenprice.com.au</div> | SWALE LONG AND TYPICAL DRAINAGE CROSS SECTIONS<br>PROPOSED SUBDIVISION<br>OVER LOTS 6 & 15, DP 25550<br>AT ISLAND POINT ROAD, ST GEORGES BASIN<br>FOR SOUTHERN LAND NOMINEES PTY LTD | DRAWING STATUS<br>FOR INFORMATION<br>NOT TO BE USED FOR CONSTRUCTION PURPOSES |                     |                |
|                                                | ORIGIN: SSM 63971<br>RL 8.71      | DESIGN  | CEG | P0  | FOR INFORMATION | TSP | 26/07/2017 |                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                      | DRAWING NUMBER<br><br>N24285-419                                              | SHEET<br>9<br>OF 10 | REVISION<br>P0 |
|                                                | DATE OF PLAN: JULY 2017           | DRAWN   | TSP |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                      |                                                                               |                     |                |
|                                                |                                   | CHECK'D | CEG |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                      |                                                                               |                     |                |
|                                                |                                   |         |     |     |                 |     |            |                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                      |                                                                               |                     |                |



PLAN  
SCALE 1:20

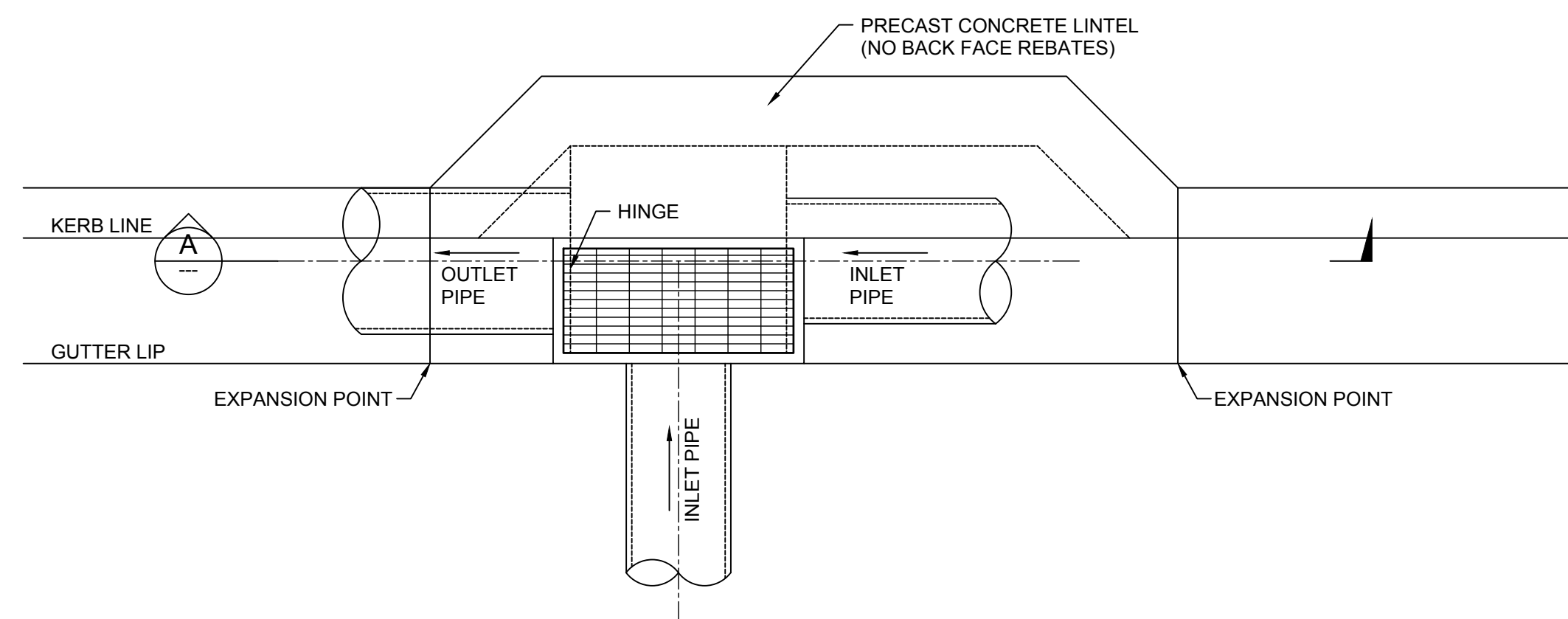


SECTION A  
SCALE 1:20

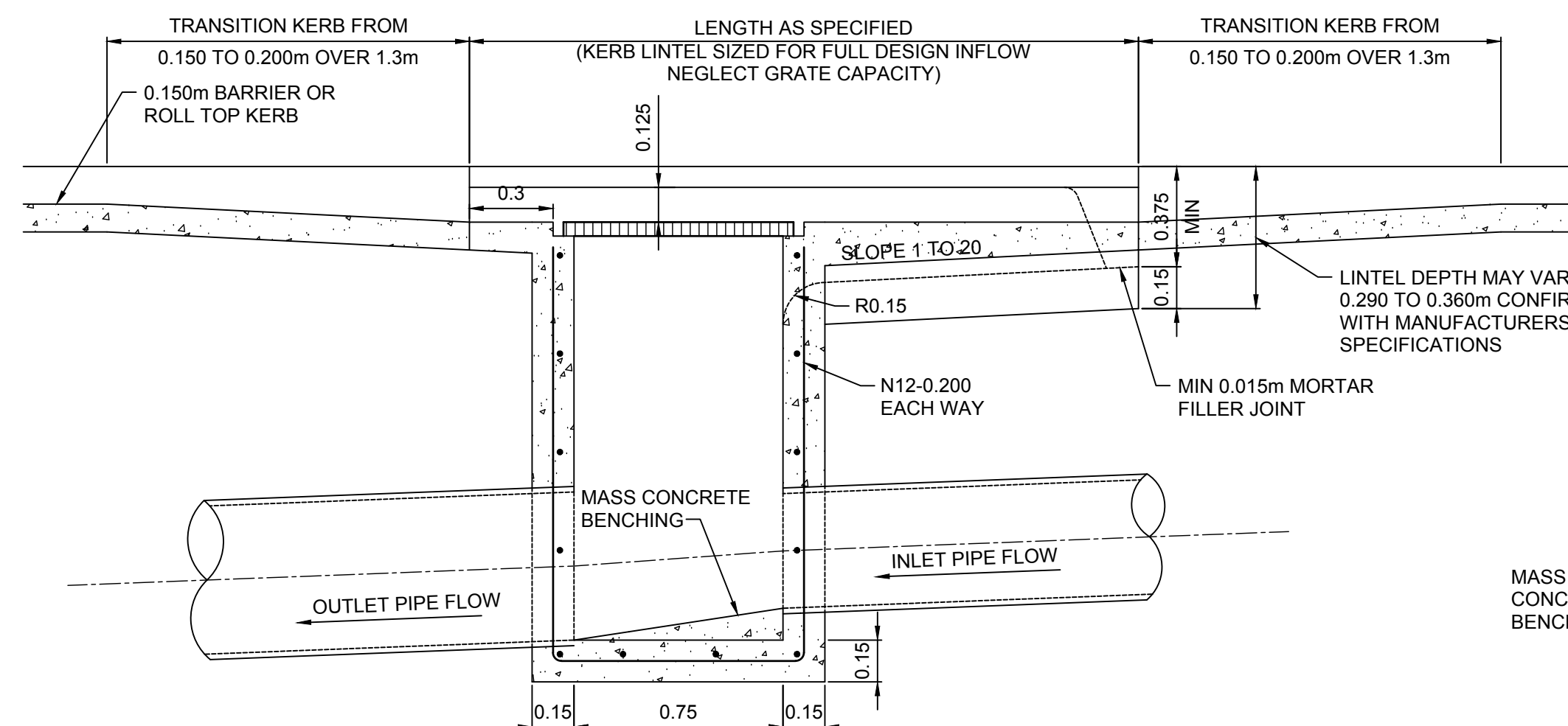
### TYPICAL STANDARD INTERALLOTMENT DRAINAGE JUNCTION PIT DETAIL

#### NOTES:

- ALL PRECAST COMPONENTS TO BE FACTORY PRODUCED.
- MINIMUM CONCRETE COMPRESSIVE STRENGTH 25MPa AT 28 DAYS.
- MINIMUM PIPE DIAMETER 0.150m.
- PROVIDE 3m OF 0.1m DIAMETER SUBSOIL DRAINAGE PIPE WRAPPED IN FABRIC SOCK ADJACENT TO INLET PIPE.
- A - 0.150m LIGHT DUTY PIPE  
- 0.200m HEAVY DUTY PIPE
- ENSURE FACE OF PIPE IN PIT WALL ARE SMOOTHLY GROUTED.
- LIDS TO BE MARKED 'STORM' TO DISTINGUISH FROM UNMARKED SEWER LIDS. FOURTH EIGHT (48) HOURS NOTICE IS TO BE GIVEN PRIOR TO THE PLACING OF CONCRETE TO ALLOW FOR INSPECTION BY COUNCIL'S OFFICER.

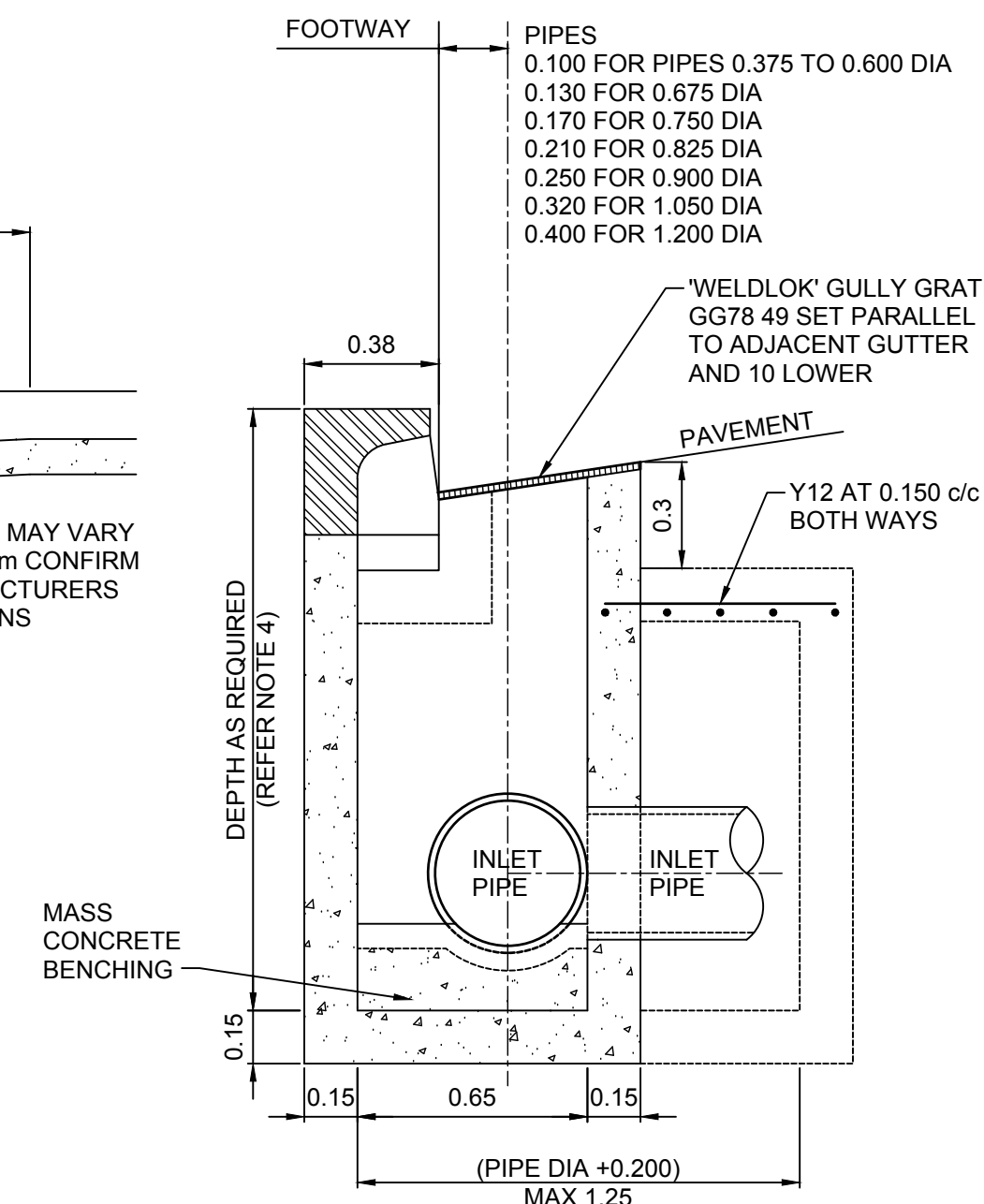


PLAN  
SCALE 1:20

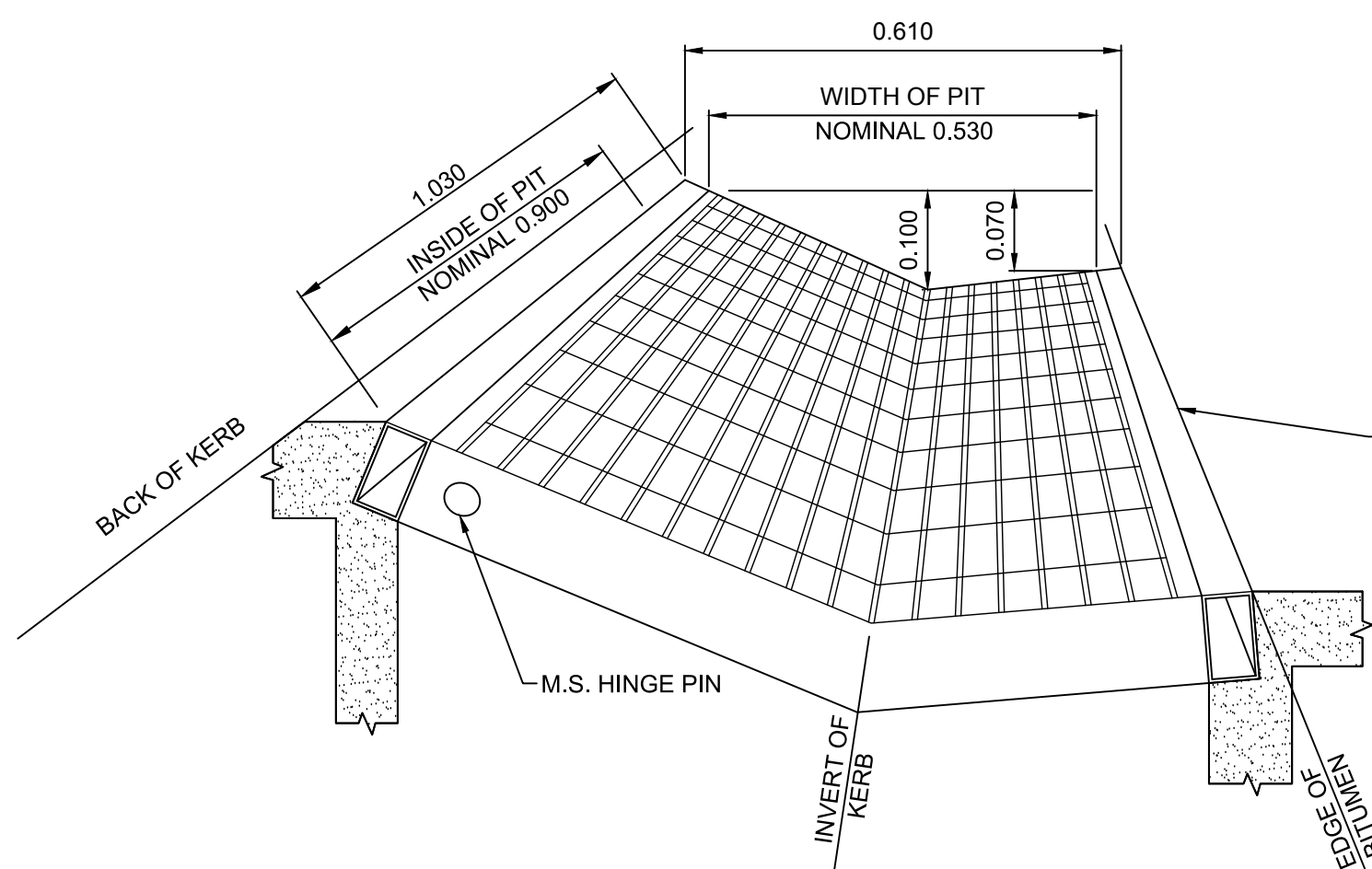


SECTION A  
SCALE 1:20

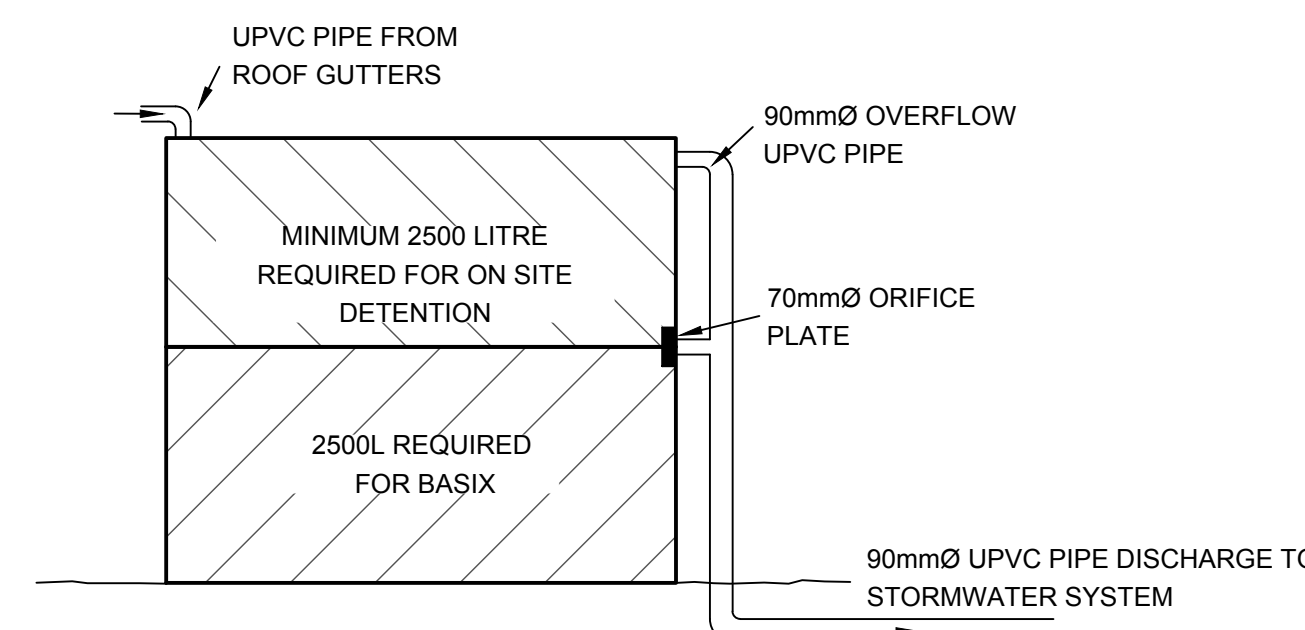
### TYPICAL STANDARD KERB INLET PIT DETAIL



SECTION B  
SCALE 1:20



GRATED KERB INLET PIT  
SCALE: N.T.S



TYPICAL DETENTION TANK  
SCALE NTS

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|                                               |                                                                                              |                                      |                          |           |                                |           |                    |  |                                                                                                                                                                                                       |                                                                                                                             |                                                       |
|-----------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-----------|--------------------------------|-----------|--------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| RATIO:<br><b>AS NOTED</b><br>(AT A1 ORIGINAL) | DATUM:<br>AUSTRALIAN HEIGHT DATUM<br>ORIGIN: SSM 63971<br>RL 8.71<br>DATE OF PLAN: JULY 2017 | SURVEY<br>DESIGN<br>DRAWN<br>CHECK'D | APS<br>CEG<br>TSP<br>CEG | REV<br>P0 | DESCRIPTION<br>FOR INFORMATION | BY<br>TSP | DATE<br>26/07/2017 |  | <b>TYPICAL DRAINAGE DETAILS</b><br><b>PROPOSED SUBDIVISION</b><br><b>OVER LOTS 6 &amp; 15, DP 25550</b><br><b>AT ISLAND POINT ROAD, ST GEORGES BASIN</b><br><b>FOR SOUTHERN LAND NOMINEES PTY LTD</b> | DRAWING STATUS<br><b>FOR INFORMATION</b><br>NOT TO BE USED FOR CONSTRUCTION PURPOSES<br>DRAWING NUMBER<br><b>N24285-420</b> | SHEET <b>10</b> OF <b>10</b><br>REVISION<br><b>P0</b> |
|-----------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-----------|--------------------------------|-----------|--------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|

