


# BROWN PROPERTY GROUP MERIDIAN - STAGE 9C 1850 THOMPSONS RD, CLYDE NORTH CITY OF CASEY

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MELWAY REF: 131C12  
SCALE 1:2500 @ A1

| VERSION DETAILS:                                                                                                                                             |           |                  |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|--------------------------|
| REV                                                                                                                                                          | DATE      | DESCRIPTION      | STATUS                   |
| -                                                                                                                                                            | 16/04/20  | PRELIMINARY      | PRELIMINARY              |
| FILENAME: P:\1137\1137_9CIE\2 - Design\6 - DGN\R01.dgn                                                                                                       |           |                  |                          |
| DRAWN:                                                                                                                                                       | ML        | DATE: APRIL 2020 | SCALE: AS SHOWN          |
| DESIGNED:                                                                                                                                                    | ML        | DATE: APRIL 2020 | DATE PRINTED: 22/04/2020 |
| AUTHORISED:                                                                                                                                                  | TS        | DATE: APRIL 2020 |                          |
| <br><b>CHARLTON DEGG</b><br><small>LAND DEVELOPMENT CONSULTANTS</small> |           |                  |                          |
| COUNCIL: CITY OF CASEY                                                                                                                                       |           |                  |                          |
| TITLE: BROWN PROPERTY GROUP<br>MERIDIAN ESTATE - STAGE 9C<br>1850 THOMPSONS ROAD, CLYDE NORTH                                                                |           |                  |                          |
| LOCALITY PLAN AND SHEET INDEX                                                                                                                                |           |                  |                          |
| DRG NO.<br>1137_9C/R01                                                                                                                                       | REV.<br>- | SHEET 1 OF 14    |                          |

**CONSTRUCTION NOTES**

1. ALL LEVELS AND DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED.
2. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT AUTHORITY STANDARDS, SPECIFICATIONS AT THE TIME OF CONSTRUCTION AND IN ACCORDANCE WITH THE AUSTRALIAN STANDARD GENERAL CONDITIONS OF CONTRACT AS 2124-1992.
3. STANDARD DRAWINGS OF THE RELEVANT ROAD AUTHORITY ARE AN ANNEXURE TO THE CONSTRUCTION DRAWINGS
4. THE CERTIFIED PLAN OF SUBDIVISION IS AN ANNEXURE TO THE CONSTRUCTION DRAWINGS
5. MELBOURNE WATER PLANS FOR WETLANDS AND INFRASTRUCTURE (WHERE APPLICABLE) ARE AN ANNEXURE TO THE CONSTRUCTION DRAWINGS.
6. THE SCHEDULE OF QUANTITIES ARE AN ANNEXURE TO THE CONSTRUCTION DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE QUANTITIES REFLECT THAT OF THE CONSTRUCTION WORKS DETAILED IN THESE PLANS. THE SUPERINTENDENT IS TO BE NOTIFIED SHOULD ANY DISCREPANCIES BE IDENTIFIED.
7. ALL DISTURBED AREAS ARE TO BE GRADED, TOPSOILED TO A MINIMUM DEPTH OF 150 MILLIMETRES AND SOWN WITH APPROVED SEED MIX TO THE SATISFACTION OF THE SUPERINTENDENT.
8. APPROVAL FOR THE USE OF WATER FOR CONSTRUCTION PURPOSES IS THE RESPONSIBILITY OF THE CONTRACTOR. REFER TO THE RELEVANT WATER AUTHORITY FOR SPECIFIC REQUIREMENTS AND APPROVALS.
9. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVE THE LOCATION AND DEPTH OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORKS. THE SUPERINTENDENT IS TO BE NOTIFIED SHOULD ANY DISCREPANCIES BE IDENTIFIED.
10. SITE ACCESS MUST BE MAINTAINED AT ALL TIMES. TRAFFIC MANAGEMENT PLAN MUST BE PROVIDED TO THE RELEVANT ROAD AUTHORITY (AND APPROVED) /SUPERINTENDENT PRIOR TO THE COMMENCEMENT OF WORKS.
11. ACCESS TO THE EXISTING RESIDENCE TO BE MAINTAINED AT ALL TIMES.
12. THE CONTRACTOR IS RESPONSIBLE FOR ALL ENVIRONMENTAL CONTROLS TO THE SATISFACTION OF THE RELEVANT AUTHORITIES AND EPA REQUIREMENTS.
13. APPROPRIATE INSPECTIONS ARE TO BE ARRANGED WITH THE COUNCIL WORKS SUPERVISOR
14. ALL VEGETATION TO BE RETAINED AS SPECIFIED IS TO BE PROTECTED (TPZ FENCING) PRIOR TO THE COMMENCEMENT OF WORKS
15. ALL FILLING WORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE GEOTECHNICAL REPORT (REF 215255Report01.2) AND UNDERTAKEN UNDER LEVEL 1 SUPERVISION. A COMPACTION REPORT IS TO BE PROVIDED UPON COMPLETION OF THE FILLING WORKS.
16. ALL BATTERS SHALL BE BLENDED INTO THE NATURAL SURFACE TO THE SATISFACTION OF THE SUPERINTENDENT.
17. MINIMUM FALL ON LOTS IS TO BE 1 IN 150 LONGITUDINALLY.
18. PRIOR TO THE FILLING OF EXISTING OPEN DRAINS, CHANNELS OR DAMS A SUITABLY QUALIFIED GEOTECHNICAL CONSULTANT SHOULD VERIFY THE BASE IS SUITABLE FOR FILLING AND THE INVERT LEVELS ARE TO BE TAKEN TO ENSURE THE AS-CONSTRUCTED FILL DEPTHS CAN BE VERIFIED.
19. THE CONTRACTOR IS RESPONSIBLE FOR ALL SERVICE TRENCHING AND BACKFILLING FOR DRAINAGE, SEWER, POTABLE AND NON-POTABLE WATER, ELECTRICAL, TELECOMMUNICATIONS AND GAS INCLUDING THE REMOVAL/DISPOSAL OF EXCESS MATERIAL.
20. REFER TO THE RELEVANT SERVICE PLANS FOR WORKS ASSOCIATED WITH MELBOURNE WATER WORKS, SEWER, POTABLE AND NON-POTABLE WATER, ELECTRICAL, TELECOMMUNICATION AND GAS SUPPLY. THESE SERVICES ARE REFLECTED ON THE DETAIL PLANS INDICATIVELY AND MAY BE SUBJECT TO MINOR AMMENDMENTS.
21. LOCATIONS FOR SERVICE CONDUITS SHALL BE DETERMINED FROM THE RELEVANT SERVICE PLANS. WHERE THESE ARE REQUIRED TO BE ALTERED THE SUPERINTENDENT WILL CONFIRM THESE LOCATIONS AS REQUIRED. POTABLE & NON-POTABLE WATER AND GAS CONDUITS SHOULD BE A MINIMUM OF 4 METRES FROM TITLE BOUNDARIES (SIDE) WHERE POSSIBLE. CONDUIT LOCATIONS SHOULD BE POSITIONED IN CONJUNCTION WITH THE RELEVANT SUB-CONTRACTOR
22. A.G DRAINS TO BE CONSTRUCTED BEHIND ALL KERB AND CHANNEL AND LONGITUDINAL PAVEMENT JOINTS
23. RCP DRAINAGE PIPES TO BE CLASS 2, RUBBER RING JOINTED UP TO Ø675mm UNLESS OTHERWISE SPECIFIED
24. ALL DRAINAGE LINES IN ROAD RESERVES, UNDER PAVEMENTS, VEHICLE CROSS-OVERS ARE TO BE BACKFILLED WITH FCR AS PER THE RELEVANT AUTHORITY SPECIFICATIONS.
25. ALL EASEMENT DRAINS ARE AT 1 METRE OFFSET UNLESS OTHERWISE SPECIFIED.
26. ALL PIT FLOORS ARE TO BE SHAPED TO ACCOMMODATE DROP THROUGH PITS. ALL PITS TO BE CONSTRUCTED TO THE COUNCIL/EDCM SPECIFICATIONS.
27. ALL PIT LIDS ARE TO BE IN ACCORDANCE WITH THE COUNCIL/EDCM SPECIFICATIONS
28. ALL PROPERTY INLET DRAINS TO BE Ø225mm AND MUST BE A MINIMUM OF 500 MILLIMETRES BELOW THE FINISHED SURFACE LEVELS AS REQUIRED BY THE COUNCIL/EDCM SPECIFICATIONS.
29. SUBGRADE IMPROVEMENT IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCILS WORKS SUPERVISOR PRIOR TO COMMENCEMENT OF WORKS.
30. PAVEMENT DEPTHS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS AND GEOTECHNICAL REPORT (REF. 215255Report01.2). CHANGES TO THESE DEPTHS MUST BE APPROVED BY COUNCILS WORKS SUPERVISOR AND THE SUPERINTENDENT.
31. THE CONTRACTOR SHALL CONTACT THE SUPERINTENDENT FOR THE CO-ORDINATION OF ELECTRICAL WORKS AT LEAST 28 DAYS PRIOR TO THE PROPOSED COMMENCEMENT.
32. ELECTRICAL AND TELECOMMUNICATIONS CABLES ARE TO BE PLACED IN A SHARED TRENCH TO THE SPECIFICATIONS OF THE RELEVANT AUTHORITIES.
33. CONDUIT LOCATIONS AND PROPERTY DRAIN INLET LOCATIONS ARE TO BE STAMPED ON KERB AND CHANNEL AND FOOTPATH IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS.
34. FOOTPATHS ARE TO CONSTRUCTED 1.5 METRES WIDE AND 2.5 METRES WIDE (SHARED) IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS.
35. PEDESTRIAN CROSSINGS THROUGH SPLITTER ISLANDS ARE TO BE CONSTRUCTED AT PAVEMENT LEVEL.
36. VEHICLE CROSOVERS ARE SHOWN INDICATIVELY. CONSTRUCTION REQUIREMENTS INCLUDING OFFSETS ARE TO BE IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS
37. WHERE ALLOTMENTS ARE FILLED ABOVE FOOTPATH LEVELS, VEHICLE CROSSOVERS ARE TO BE CUT INTO ALLOTMENTS AT A MAXIMUM GRADE OF 1 IN 5
38. TBM AND PSM LOCATIONS ARE SHOWN ON SHEET 4 .
39. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL/EDCM SPECIFICATIONS.
40. SIGNAGE, LINE MARKING AND PAVEMENT MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH AS1742.2 2009, AND COUNCIL/EDCM SPECIFICATIONS
41. TACTILE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH AS1428.4.1 2009 AND VICROADS ROAD DESIGN NOTE 06-06, GUIDELINES FOR THE PLACEMENT OF TGS1 AT ALL PRAM CROSSINGS, FOOTPATH JUNCTIONS IN ACCORDANCE WITH COUNCIL/EDCM REQUIREMENTS
42. THE PLANS MAY ONLY BE REPRODUCED IN THEIR ENTIRETY.
43. KERB RADII LABELS ARE IN METRES AND INDICATE BACK OF KERB DIMENSIONS.

**CITY OF CASEY NOTES:**

1. ALL WORKS TO BE ACCORDANCE WITH CURRENT CITY OF CASEY AND/OR MPA SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE CITY OF CASEY SUPERVISING ENGINEER.
2. PRIOR TO COMMENCING WORKS ON SITE THE CONTRACTOR MUST ADDRESS ALL OCCUPATIONAL HEALTH & SAFETY ACT (2004) ITEMS AND ENSURE THAT THE REQUIRED NOTIFICATIONS HAVE BEEN MADE TO THE VICTORIAN WORKCOVER AUTHORITY, HEALTH & SAFETY DIVISION REGARDING TRENCHING OPERATIONS.
3. PRIOR TO COMMENCING ANY WORKS ON TRENCHES WITH DEPTHS EXCEEDING 1.5M THE CONTRACTOR'S CONSTRUCTION SUPERVISOR MUST GIVE WRITTEN NOTICE TO WORKSAFE VICTORIA IN ACCORDANCE WITH PART 5.1, DIVISION 4 OF THE OCCUPATIONAL HEALTH & SAFETY REGULATIONS (2017) & UNDERTAKE THE NECESSARY SAFETY PRECAUTIONS FOR TRENCHING OPERATIONS IN ACCORDANCE WITH THE WORKCOVER CODE OF PRACTICE (2018).
4. PAVEMENT DEPTHS MAY NEED TO BE MODIFIED DURING CONSTRUCTION, DEPENDING ON THE ON-SITE CONDITIONS AS DIRECTED BY THE CASEY CONSTRUCTION ENGINEER OR WORKS SUPERVISOR.
5. STREET LIGHTING MUST BE PROVIDED ON ALL NEWLY CREATED ROADS AND RESERVES IN ACCORDANCE WITH THE APPROVED PUBLIC LIGHTING PLAN
6. TREE RESERVE FENCES TO BE SHOWN ON CONSTRUCTION PLANS
7. APPROPRIATE SILTATION CONTROL IS TO BE CARRIED OUT DURING THE CONSTRUCTION AND MAINTENANCE PERIODS
8. AN ENVIRONMENTAL MANAGEMENT PLAN (EMP) MUST BE SUBMITTED TO, AND APPROVED BY COUNCIL PRIOR TO THE COMMENCEMENT OF ANY WORKS ON SITE AND ALL WORKS MUST BE CARRIED OUT IN ACCORDANCE WITH THIS EMP
9. CUT BATTERS ARE TO BE HYDRO MULCHED USING APPROVED SEED MIXES.
10. REMOVAL OR RETENTION OF EXISTING TREES OR VEGETATION MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN (OTHERWISE APPROVAL WILL BE REQUIRED FROM CASEY ARBORIST OR LANDSCAPE OFFICER.)
11. NO SURPLUS TREES, VEGETATION OR OTHER MATERIALS IS TO BE BURNT ON SITE.
12. ALL FOOTPATHS AND SHARED PEDESTRIAN-BICYCLE PATHS ARE TO BE 125MM THICK REINFORCED CONCRETE USING SL72 MESH AS PER EDCM 401
13. IF IMPORTED FILL MATERIAL IS TO BE PLACED ON SITE CLEAN FILL CERTIFICATES MUST BE PROVIDED FROM A NATA APPROVED TESTING LABORATORY IN ACCORDANCE WITH EPA BULLETIN PUBLICATION NO. 448 TO DEMONSTRATE ITS SUITABILITY FOR USE ON SITE.
14. FILLING IN ALL PROPERTIES & ROAD RESERVES IS TO BE CARRIED OUT USING APPROVED CLAY FILL. TOPSOIL & ALL VEGETABLE MATTER TO BE STRIPPED FROM SITE PRIOR TO FILLING. ALL FILLING TO BE CARRIED OUT IN 150MM LAYERS AND COMPACTED TO 95% OF MAX. DRY DENSITY. ALL FILLING TO COMPLY WITH AS 3798-2007, SECTION 8.2, LEVEL 1 A FILL REPORT MUST BE SUBMITTED FROM A NATA REGISTERED SOIL TESTING LABORATORY
15. DAMS TO BE LEVELED PRIOR TO FILLING AND LEVELS SHOWN ON "AS CONSTRUCTED" PLANS
16. STRUCTURAL FILL PADS WILL BE REQUIRED FOR ANY COMMUNITY, FAMILY OR CHILDRENS CENTRES IN CONSULTATION WITH CASEY'S BUILDING MANAGEMENT TEAM
17. IF ANY EXISTING SUBSTANDARD FILLING IS ENCOUNTERED ON THE SITE IT MUST BE REMOVED AND REPLACED WITH APPROVED FILL MATERIAL PROPERLY COMPACTED TO COUNCIL REQUIREMENTS. A GEO-TECHNICAL REPORT MUST BE SUBMITTED SHOWING DETAILS OF DEPTH, TYPE OF MATERIAL AND DENSITY OF THE FILL AREAS CONCERNED
18. ALL COUNCIL RESERVES MUST BE PROVIDED WITH CONNECTIONS FOR DRAINAGE, SEWERAGE, ELECTRICITY & OTHER SERVICES
19. INDUSTRIAL STRENGTH VEHICLE CROSSINGS TO BE PROVIDED FOR LOTS IN ADJACENT TO TEMPORARY CRUSHED ROCK TURN AROUND AREAS ON 'DEAD END' ROADS
20. TEMPORARY CRUSHED ROCK TURN AROUND AREAS MUST BE MAINTAINED IN A SAFE AND SOUND CONDITION SO THAT VEHICLES ARE ABLE TO USE THEM AT ALL TIMES
21. CONCRETE IS TO BE PLACED AROUND ELECTRICAL DISTRIBUTION PITS TO A MINIMUM DEPTH OF 200MM. DISTRIBUTION PITS ARE TO BE A MINIMUM OF 300MM FROM EDGE OF FOOTPATHS
22. TELECOMMUNICATION CONDUITS ARE TO BE FOR USE BY ANY TELECOMMUNICATIONS COMPANY
23. TACTILE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH AS1428.4.1 'DESIGN FOR ACCESS AND MOBILITY' AT ALL PRAM CROSSINGS, BUS STOPS/ HARD STANDS, ROUNDABOUTS/SIGNALS AND INTERSECTIONS AND IN ACCORDANCE WITH EDCM 403.
24. A CCTV REPORT MUST BE PROVIDED FOR ALL DRAINAGE LINES PRIOR TO ISSUE OF PRACTICAL COMPLETION.

**VERSION DETAILS:**

| REV | DATE     | DESCRIPTION | STATUS      |
|-----|----------|-------------|-------------|
| -   | 16/04/20 | PRELIMINARY | PRELIMINARY |

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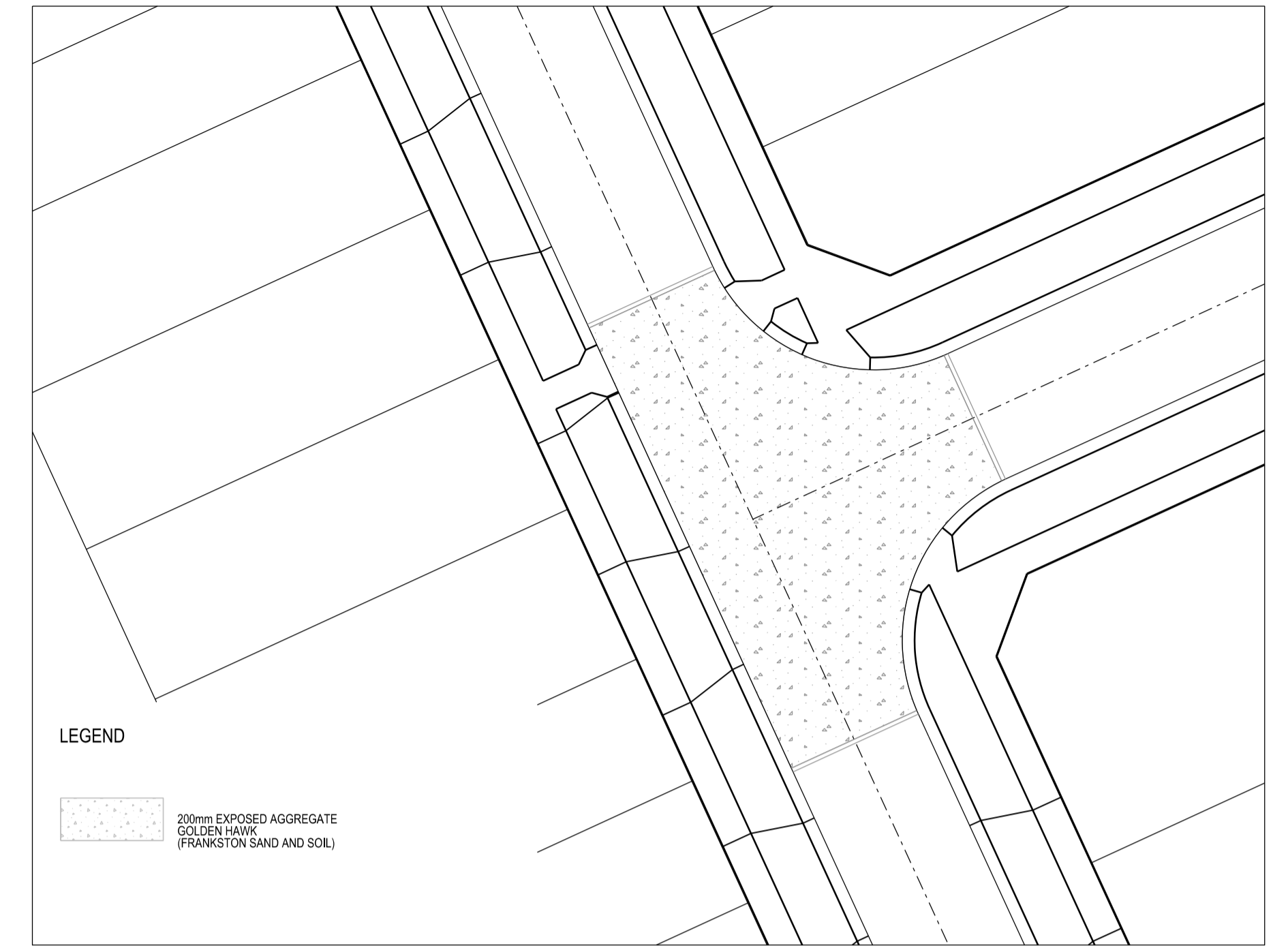
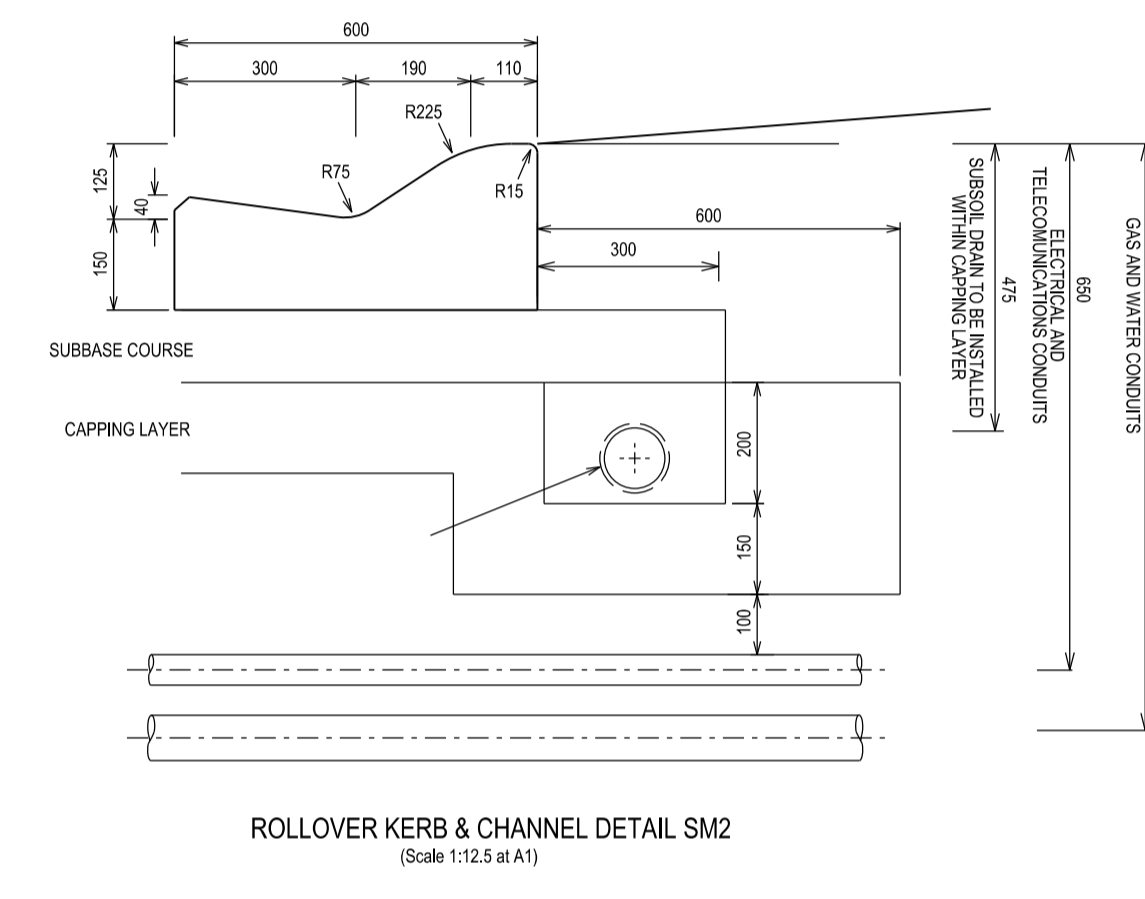
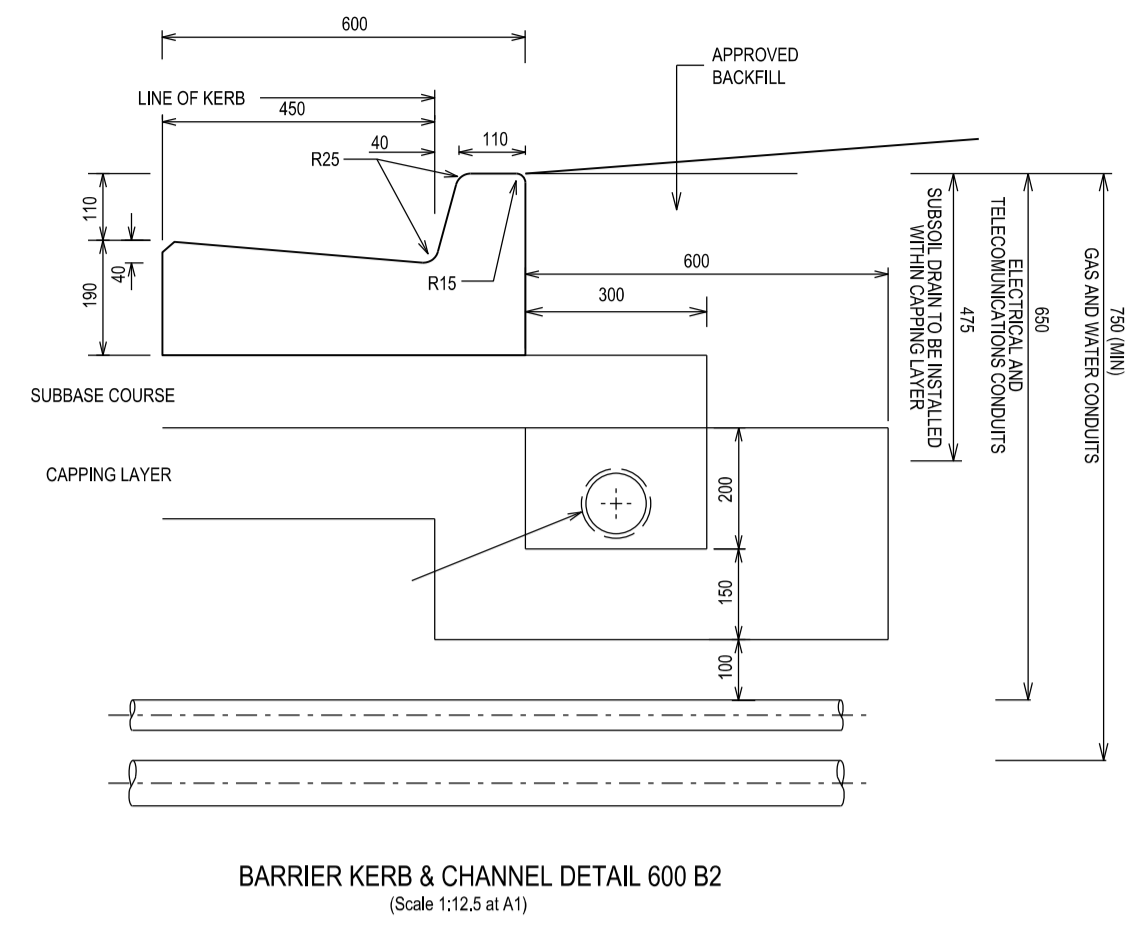
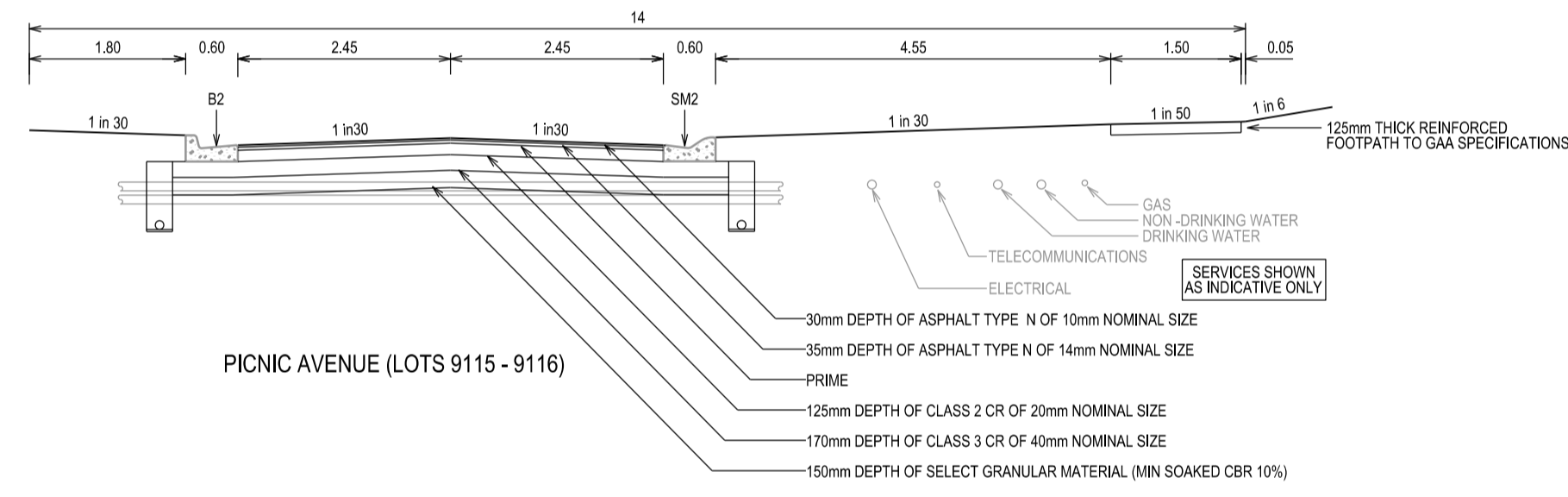
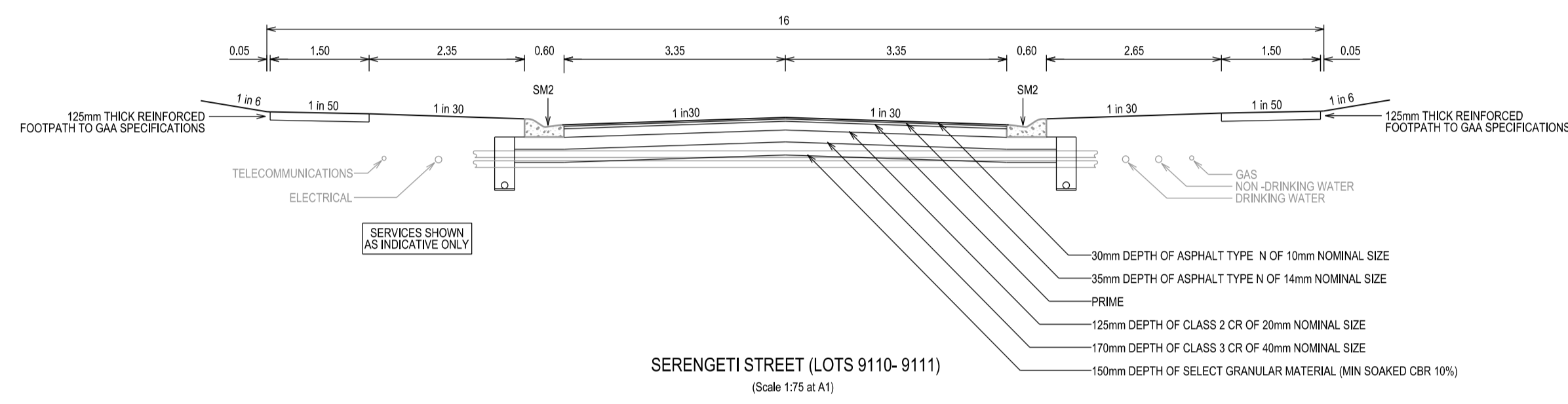
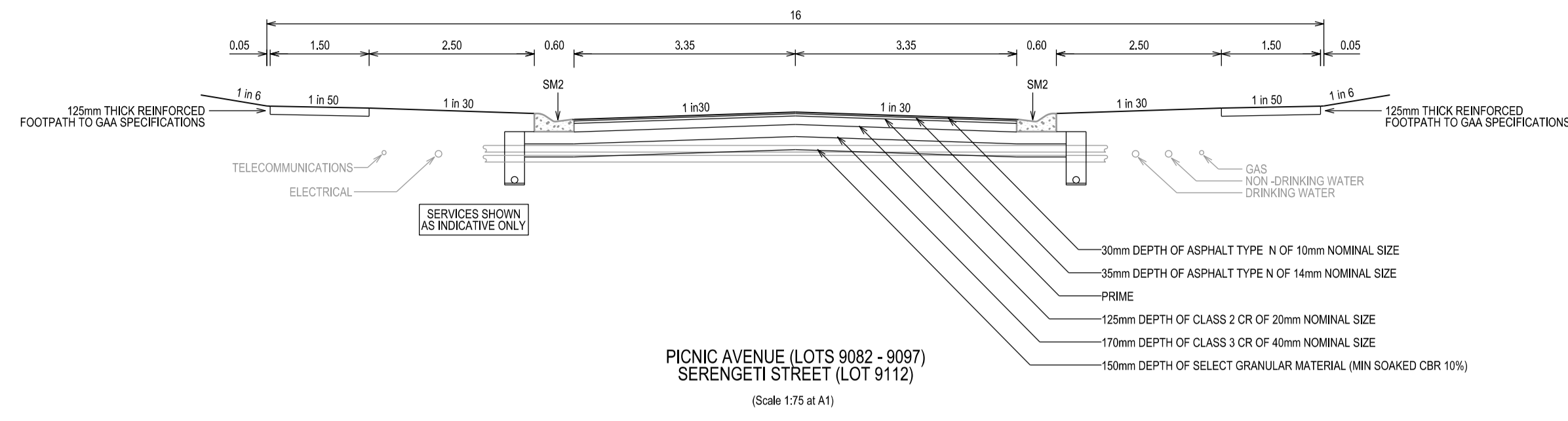
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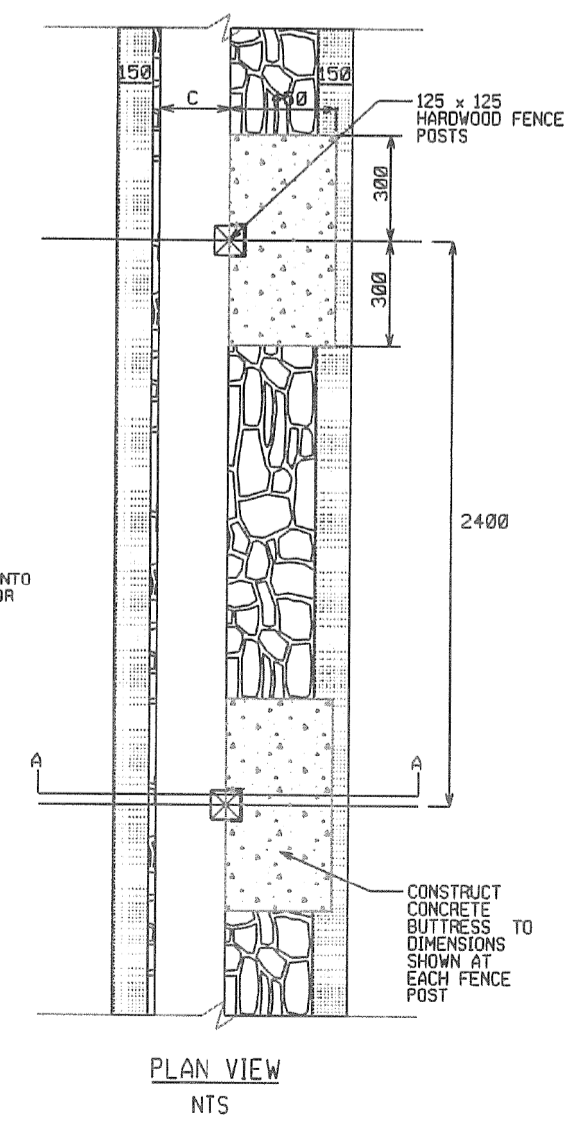
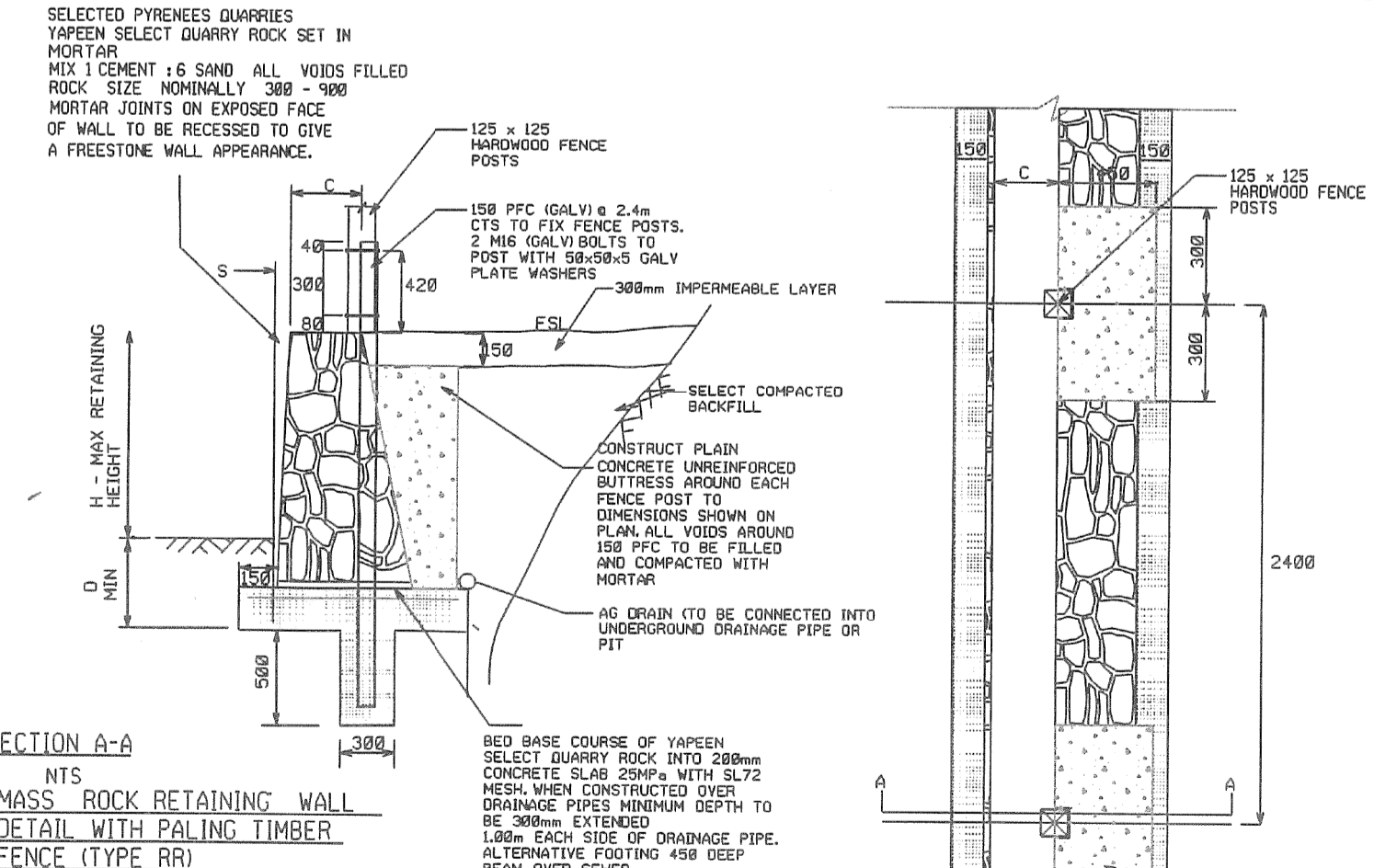
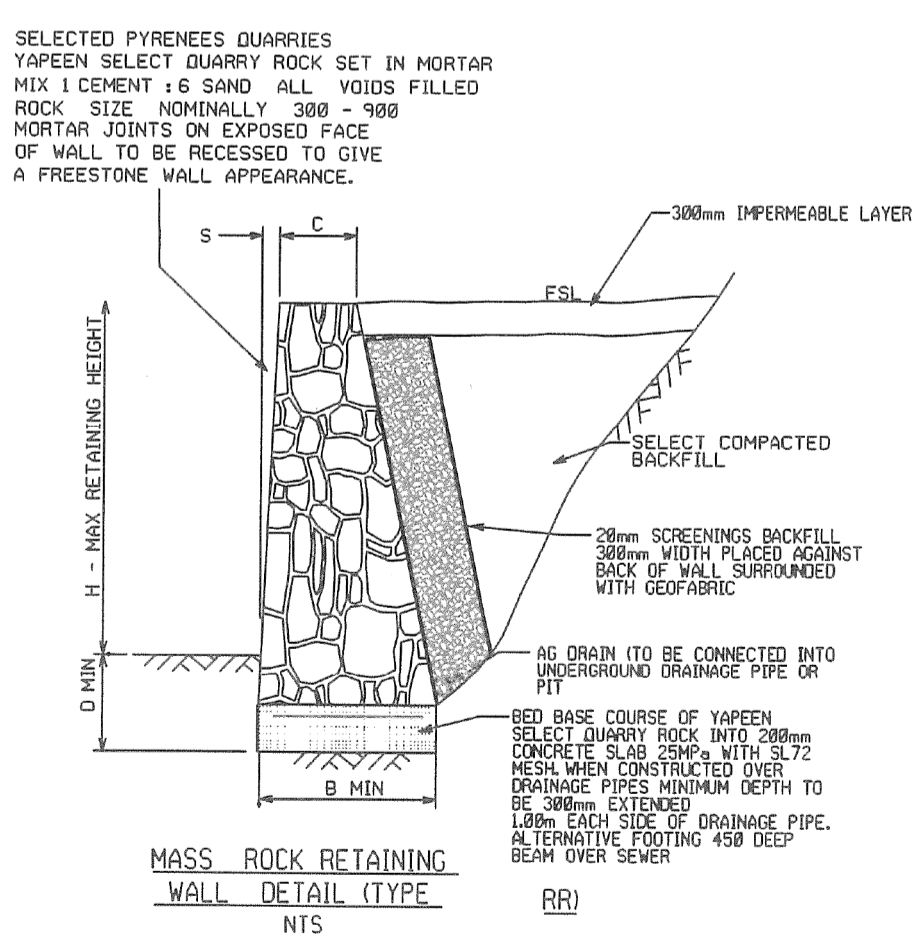
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BROWN PROPERTY GROUP  
MERIDIAN ESTATE - STAGE 9C  
1850 THOMPSONS ROAD, CLYDE NORTH

**CONSTRUCTION NOTES**

|                        |           |               |
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| DRG NO.<br>1137_9C/R02 | REV.<br>- | SHEET 2 OF 14 |
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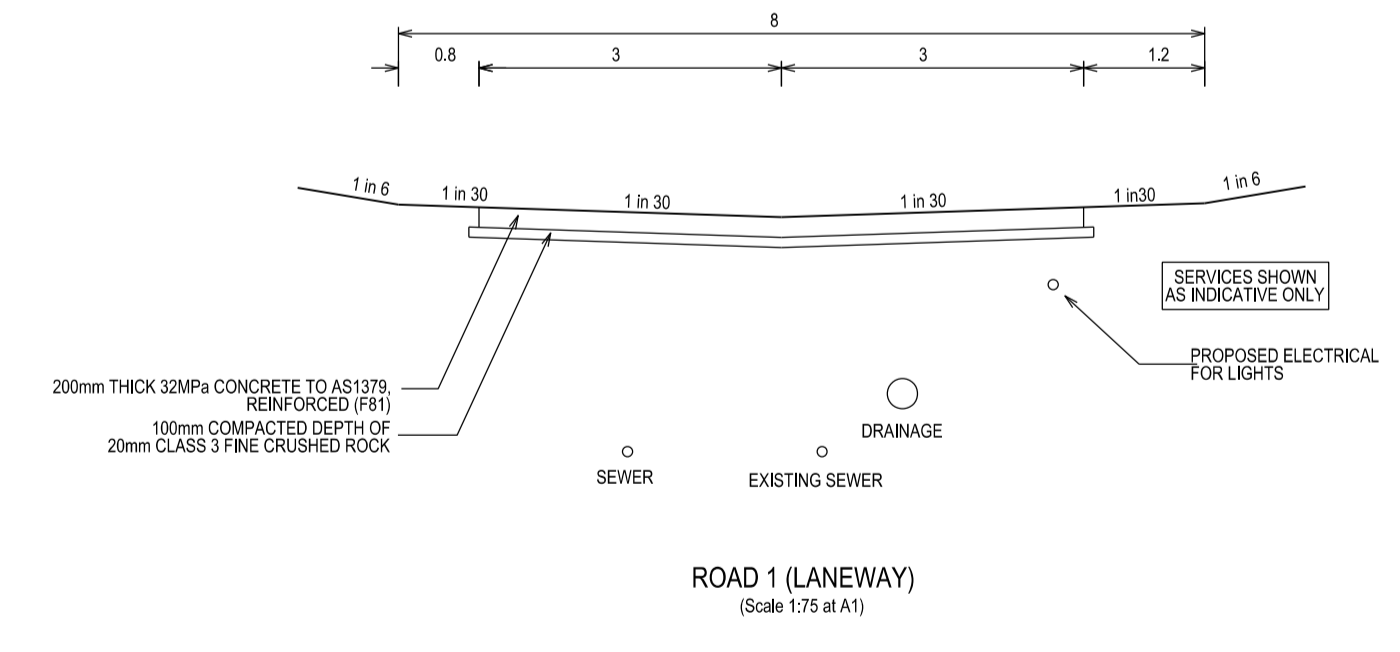


THRESHOLD TREATMENT  
(TBC BY LANDSCAPING)



**MASS ROCK RETAINING WALL SCHEDULE**

| MAX WALL HEIGHT - H (mm) | FOUNDING DEPTH - D (mm) | BASE WIDTH - B (mm) | FRONT FACE SETBACK - S (mm) | CREST WIDTH - C (mm) |
|--------------------------|-------------------------|---------------------|-----------------------------|----------------------|
| 400                      | 400                     | 450                 | 15                          | 300                  |
| 500                      | 400                     | 500                 | 15                          | 300                  |
| 600                      | 400                     | 500                 | 30                          | 300                  |
| 800                      | 400                     | 600                 | 30                          | 300                  |
| 1000                     | 400                     | 700                 | 30                          | 300                  |



**VERSION DETAILS:**

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| -   | 16/04/20 | PRELIMINARY | PRELIMINARY |

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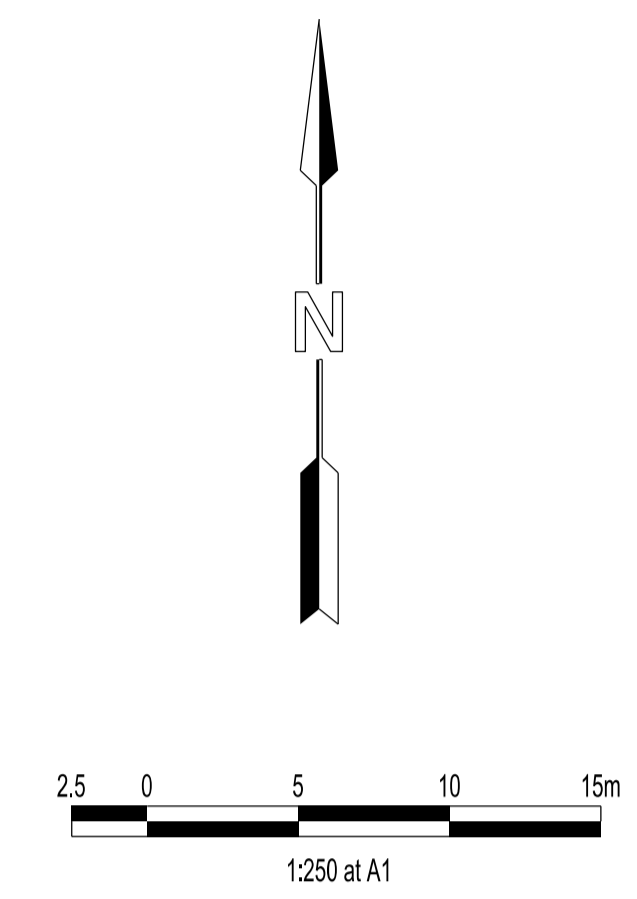
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 TITLE: BROWN PROPERTY GROUP  
 MERIDIAN ESTATE - STAGE 9C  
 1850 THOMPSONS ROAD, CLYDE NORTH

TYPICAL CROSS SECTIONS  
 DRG NO. 1137\_9C/03 REV. - SHEET 3 OF 14

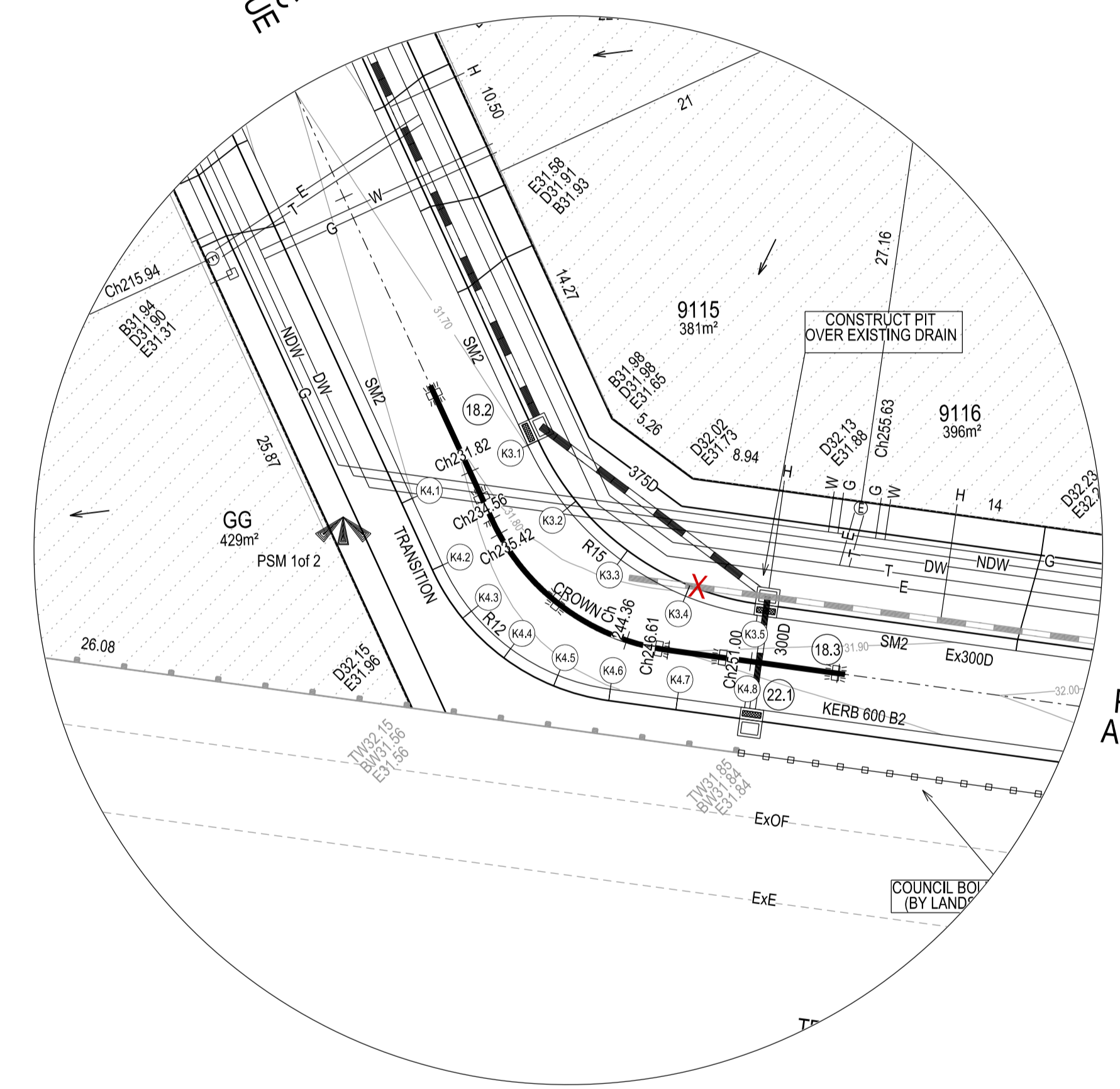


LEGEND

|  |                                                                 |
|--|-----------------------------------------------------------------|
|  | FOOTPATH                                                        |
|  | VEHICULAR CROSSOVER                                             |
|  | KERB AND CHANNEL                                                |
|  | ELECTRICITY TELECOMMUNICATION } CONDUITS                        |
|  | GAS DRINKING WATER NON DRINKING WATER } CONDUITS                |
|  | ELECTRICITY MAIN                                                |
|  | TELECOMMUNICATION MAIN                                          |
|  | GAS MAIN                                                        |
|  | DRINKING WATER MAIN                                             |
|  | NON DRINKING WATER MAIN                                         |
|  | SEWER MAIN, MANHOLE AND MAINTENANCE SHAFT                       |
|  | PROPOSED DRAINAGE, PIT, HOUSE DRAIN AND PROPERTY INLET          |
|  | EXISTING DRAINAGE AND PIT AND FUTURE DRAINAGE AND PIT           |
|  | MELBOURNE WATER SCHEME DRAINAGE AND PIT (COUNCIL ASSET)         |
|  | MELBOURNE WATER SCHEME DRAINAGE AND PIT (MELBOURNE WATER ASSET) |
|  | DRAINAGE PIT NUMBER                                             |
|  | PROPOSED CUT AREAS                                              |
|  | PROPOSED FILL AREAS                                             |
|  | EXISTING SURFACE LEVEL                                          |
|  | TOP OF BATTER LEVEL                                             |
|  | PRE-DEVELOPMENT LEVEL                                           |
|  | STREET NAME SIGN                                                |
|  | LOT SLOPE DIRECTION                                             |
|  | PERMANENT SURVEY MARK                                           |
|  | TEMPORARY BENCH MARK                                            |
|  | CONCRETE SLEEPER RETAINING WALLS                                |
|  | MASS ROCK RETAINING WALLS                                       |



DETAIL A



VERSION DETAILS:

| REV | DATE     | DESCRIPTION | STATUS      |
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| -   | 16/04/20 | PRELIMINARY | PRELIMINARY |

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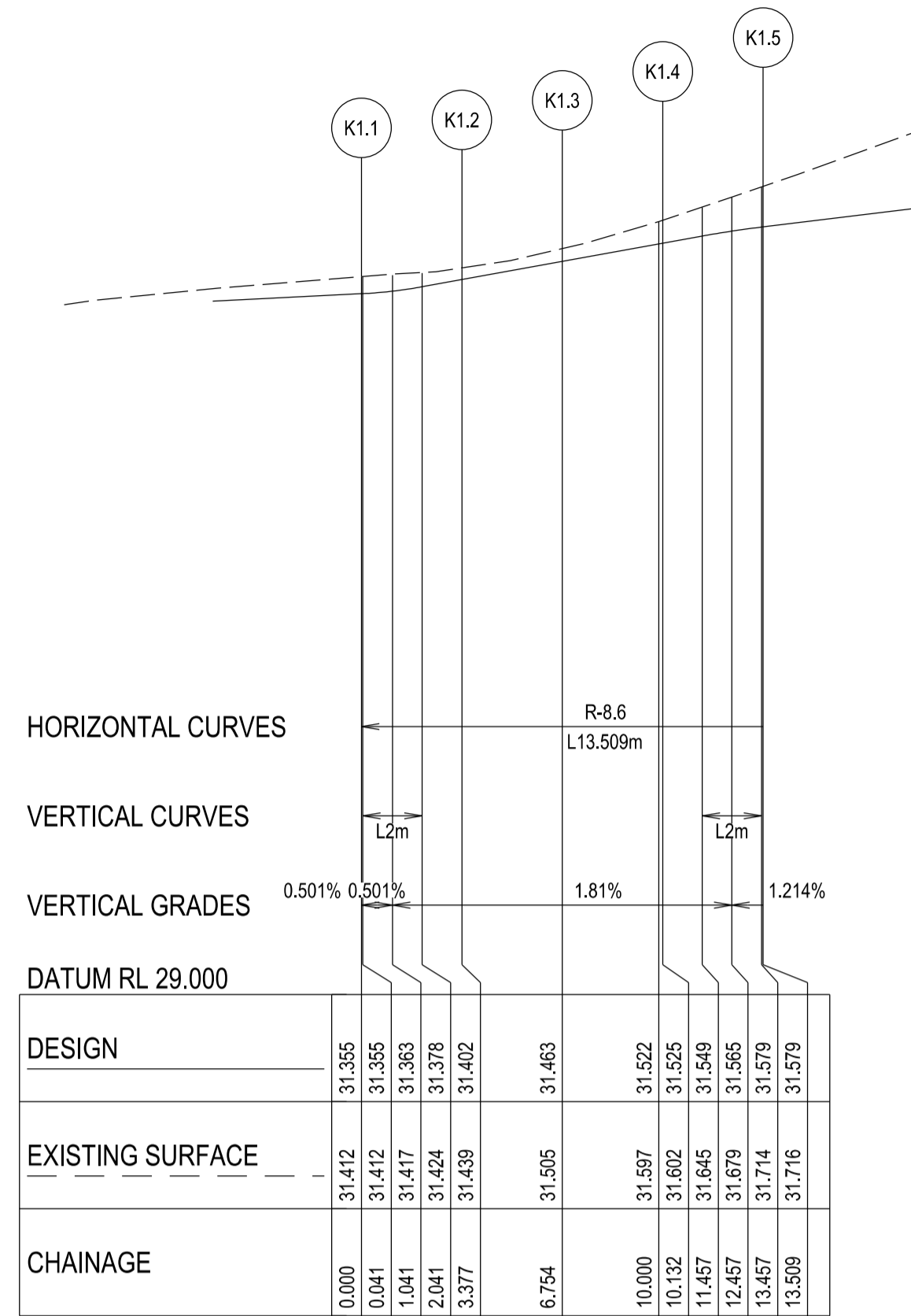
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BROWN PROPERTY GROUP  
MERIDIAN ESTATE - STAGE 9C  
1850 THOMPSONS ROAD, CLYDE NORTH

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| DRG NO.<br>1137_9C/05 | REV.<br>- | SHEET 5 OF 14 |
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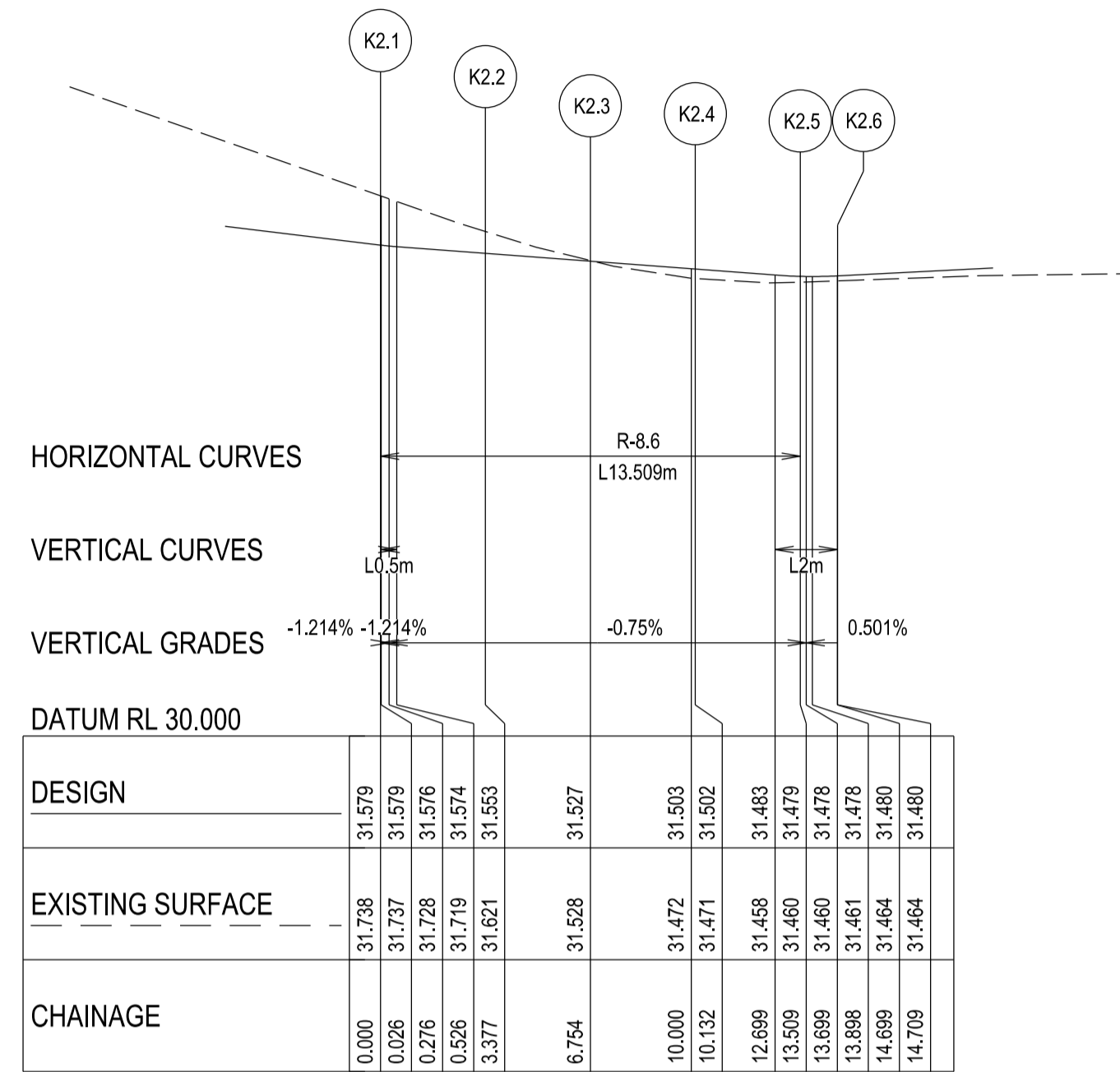
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| K1.3      | 354778.163 | 5782252.516 | 31.463 |
| K1.4      | 354781.477 | 5782251.987 | 31.525 |
| K1.5      | 354784.74  | 5782252.767 | 31.579 |

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| K2.3      | 354783.065 | 5782241.851 | 31.527 |
| K2.4      | 354782.537 | 5782238.537 | 31.502 |
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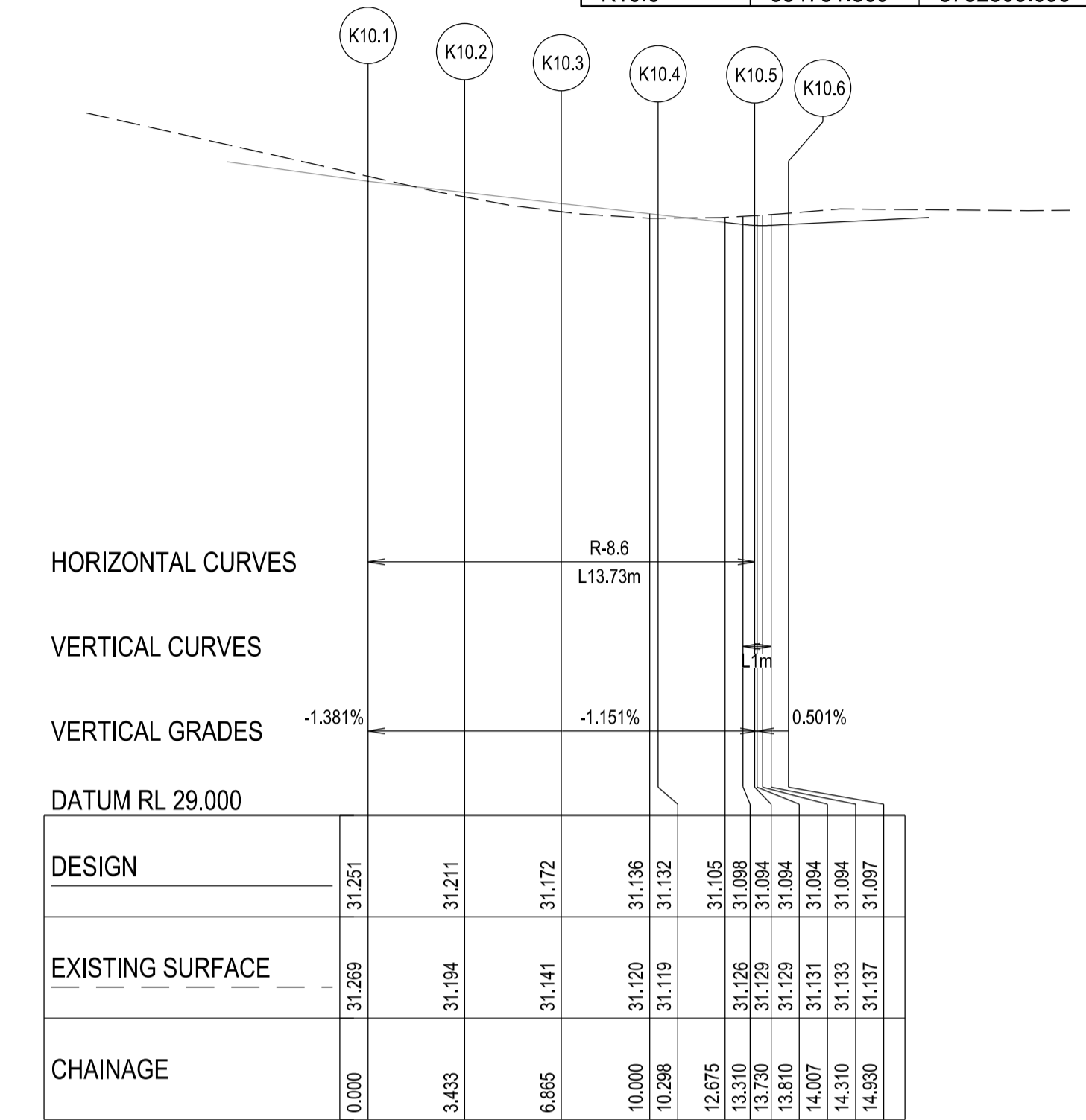
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| K10.2     | 354752.987 | 5782314.339 | 31.211 |
| K10.3     | 354751.156 | 5782311.463 | 31.172 |
| K10.4     | 354750.586 | 5782308.1   | 31.132 |
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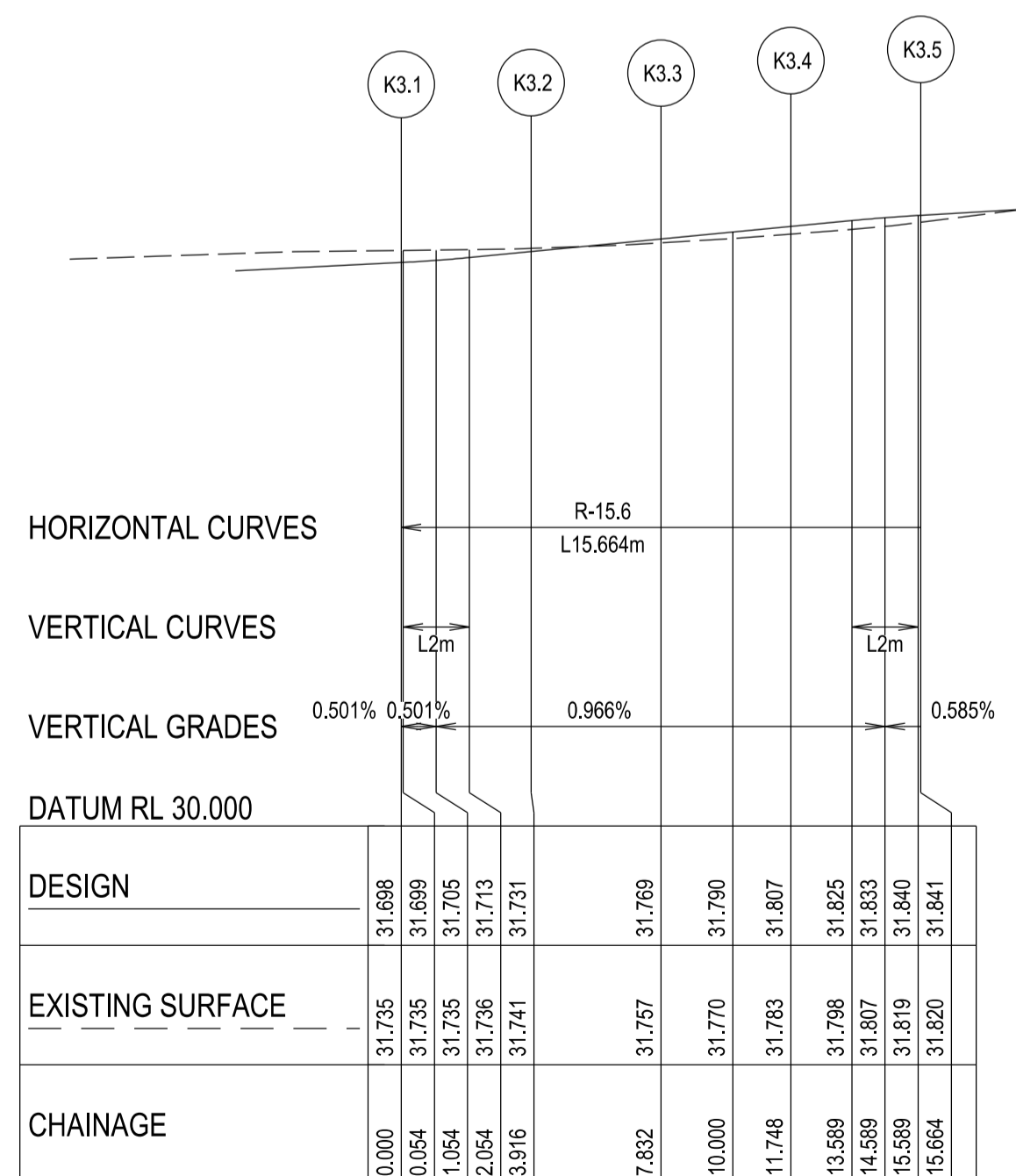
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A1 HORZ SCALE 1:200  
A1 VERT SCALE 1:20



**K2 - LONGITUDINAL SECTION**  
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A1 VERT SCALE 1:20

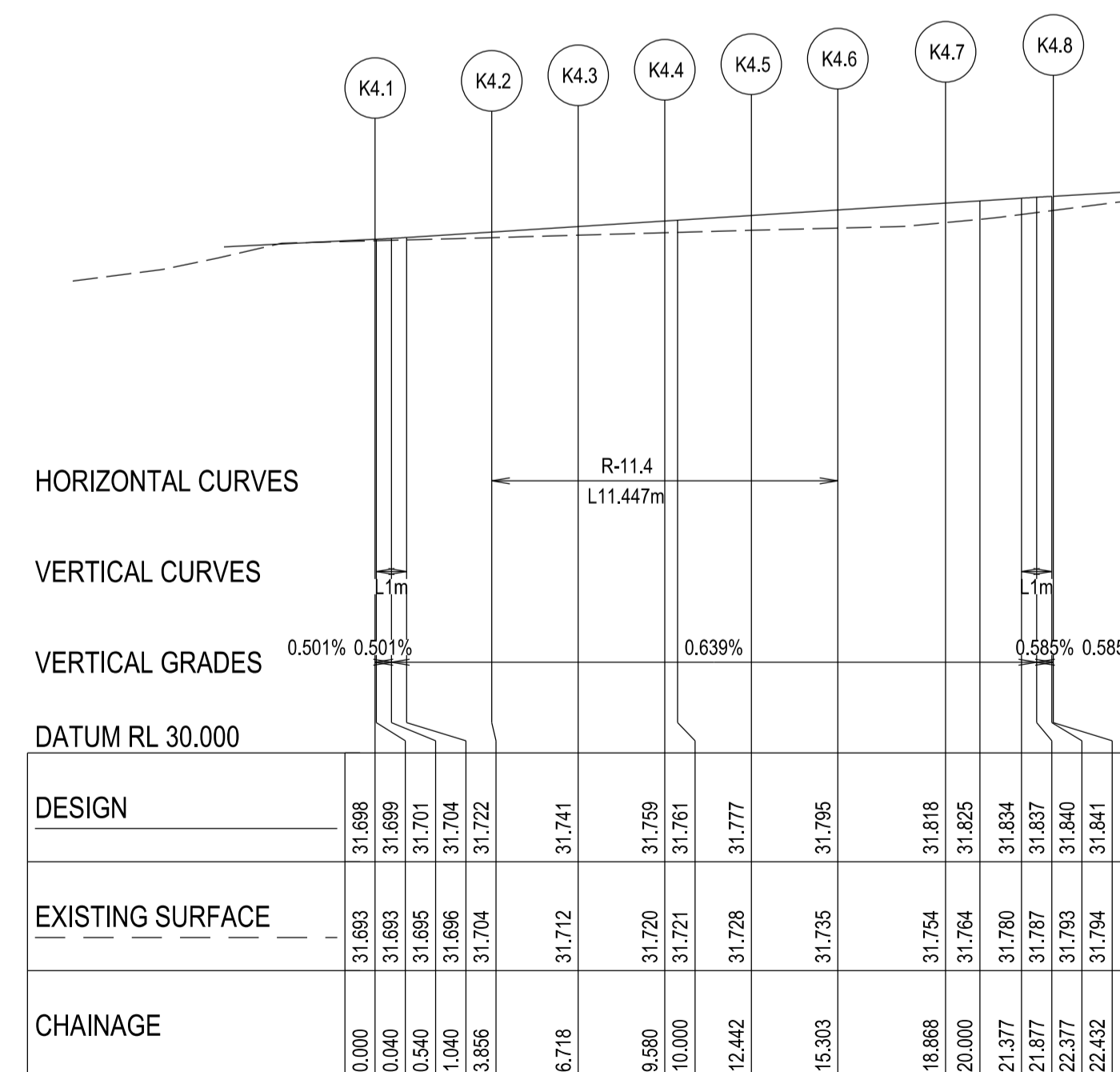


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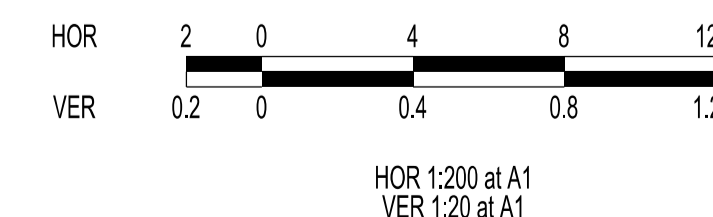
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A1 HORZ SCALE 1:200  
A1 VERT SCALE 1:20

| POINT NO. | EASTING    | NORTHING    | RL     |
|-----------|------------|-------------|--------|
| K3.1      | 354802.002 | 5782194.62  | 31.698 |
| K3.2      | 354804.064 | 5782191.304 | 31.731 |
| K3.3      | 354806.886 | 5782188.603 | 31.769 |
| K3.4      | 354810.29  | 5782186.688 | 31.807 |
| K3.5      | 354814.062 | 5782185.679 | 31.841 |



**K916 - LONGITUDINAL SECTION**  
A1 HORZ SCALE 1:200  
A1 VERT SCALE 1:20

| POINT NO. | EASTING    | NORTHING    | RL     |
|-----------|------------|-------------|--------|
| K4.1      | 354795.912 | 5782191.827 | 31.698 |
| K4.2      | 354797.522 | 5782188.324 | 31.722 |
| K4.3      | 354799.029 | 5782185.9   | 31.741 |
| K4.4      | 354801.091 | 5782183.927 | 31.759 |
| K4.5      | 354803.579 | 5782182.527 | 31.777 |
| K4.6      | 354806.336 | 5782181.79  | 31.795 |
| K4.7      | 354809.868 | 5782181.307 | 31.818 |
| K4.8      | 354813.398 | 5782180.825 | 31.841 |



**VERSION DETAILS:**

| REV | DATE     | DESCRIPTION | STATUS      |
|-----|----------|-------------|-------------|
| -   | 16/04/20 | PRELIMINARY | PRELIMINARY |

FILENAME: P:\1137\1137\_9CIE\2 - Design\6 - DGN\RO6.dgn

DRAWN: ML DATE: APRIL 2020 SCALE: AS SHOWN

DESIGNED: ML DATE: APRIL 2020 DATE PRINTED: 22/04/2020

AUTHORISED: TS DATE: APRIL 2020

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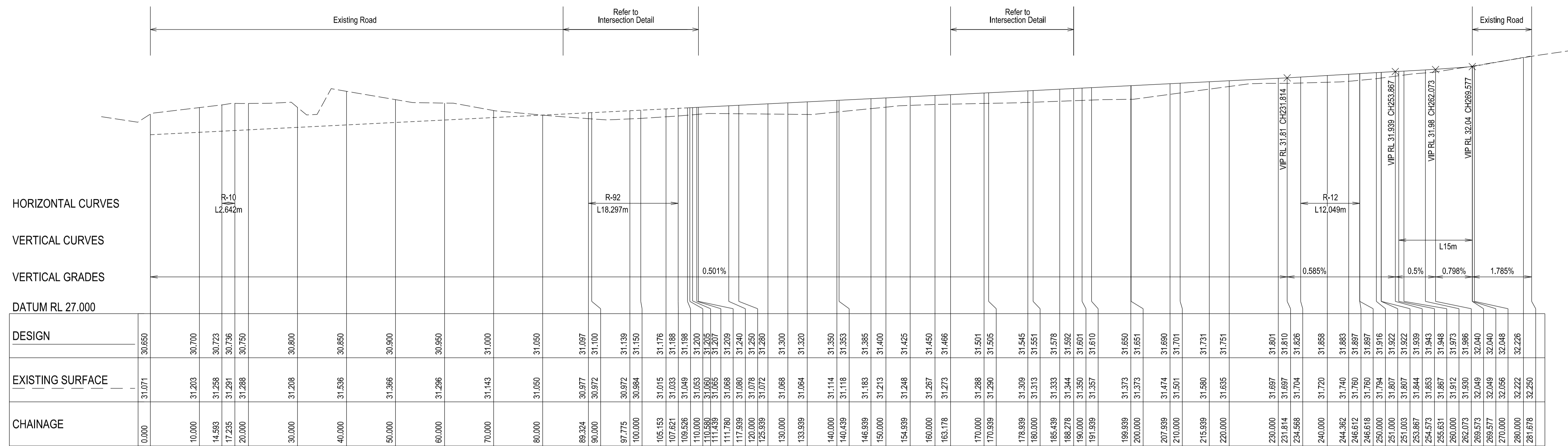
SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930  
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COUNCIL: CITY OF CASEY

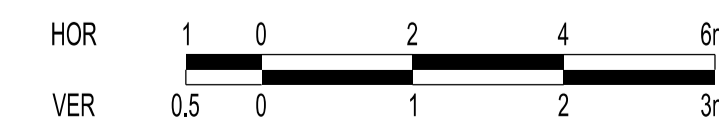
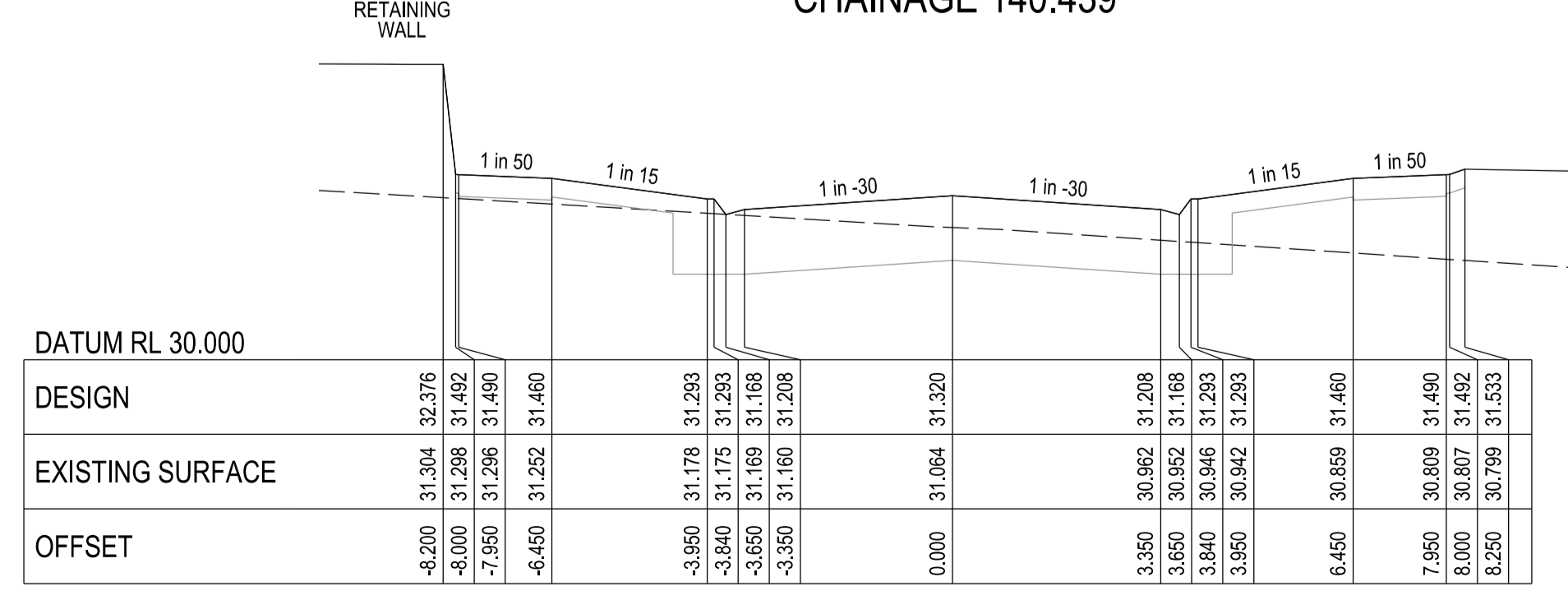
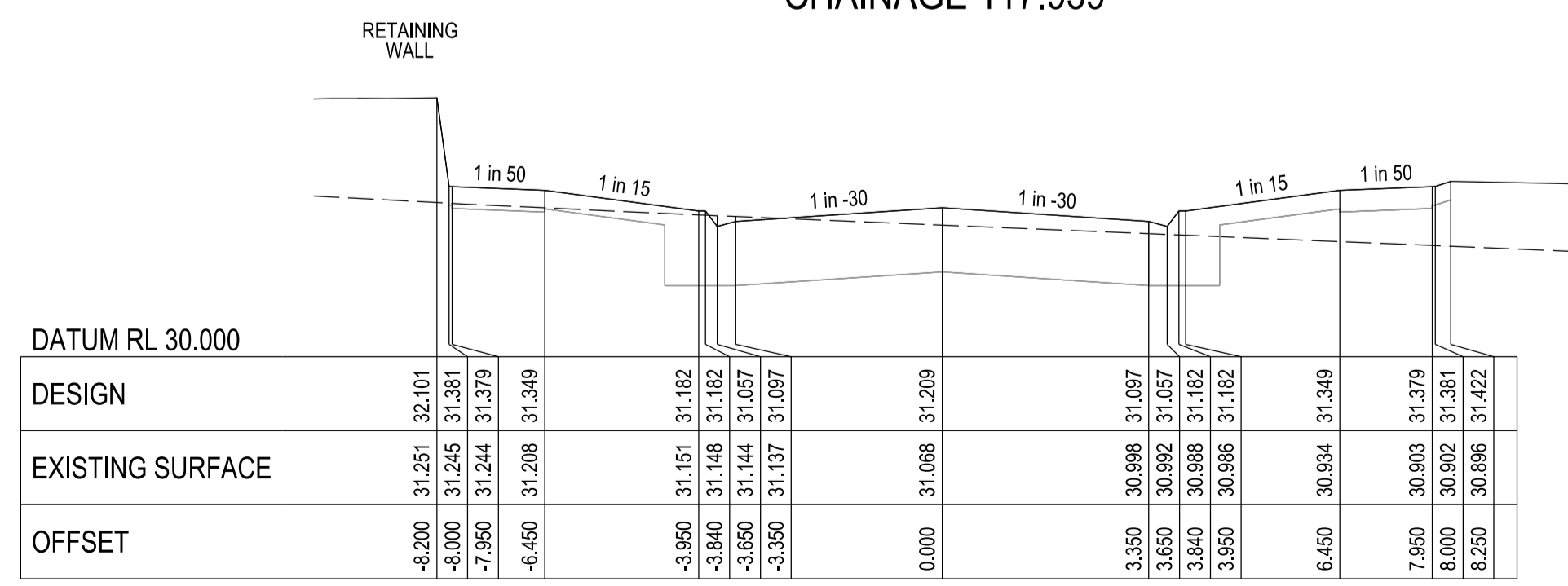
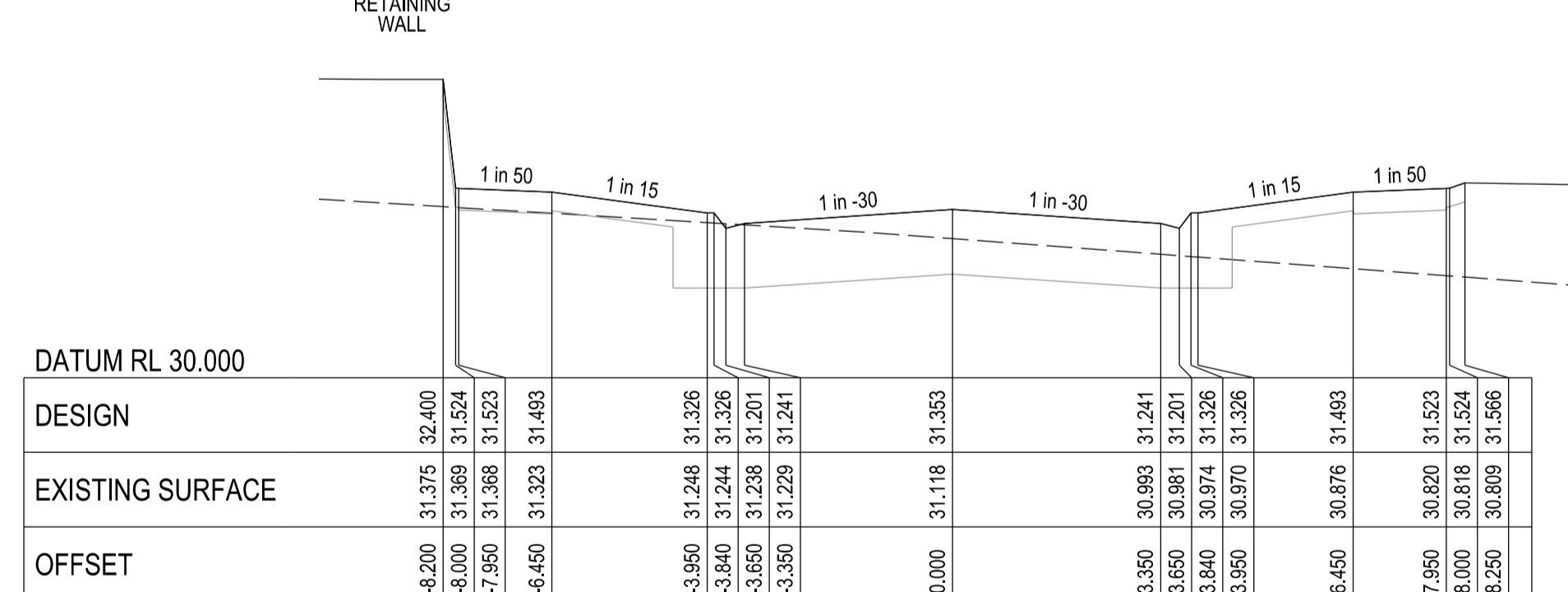
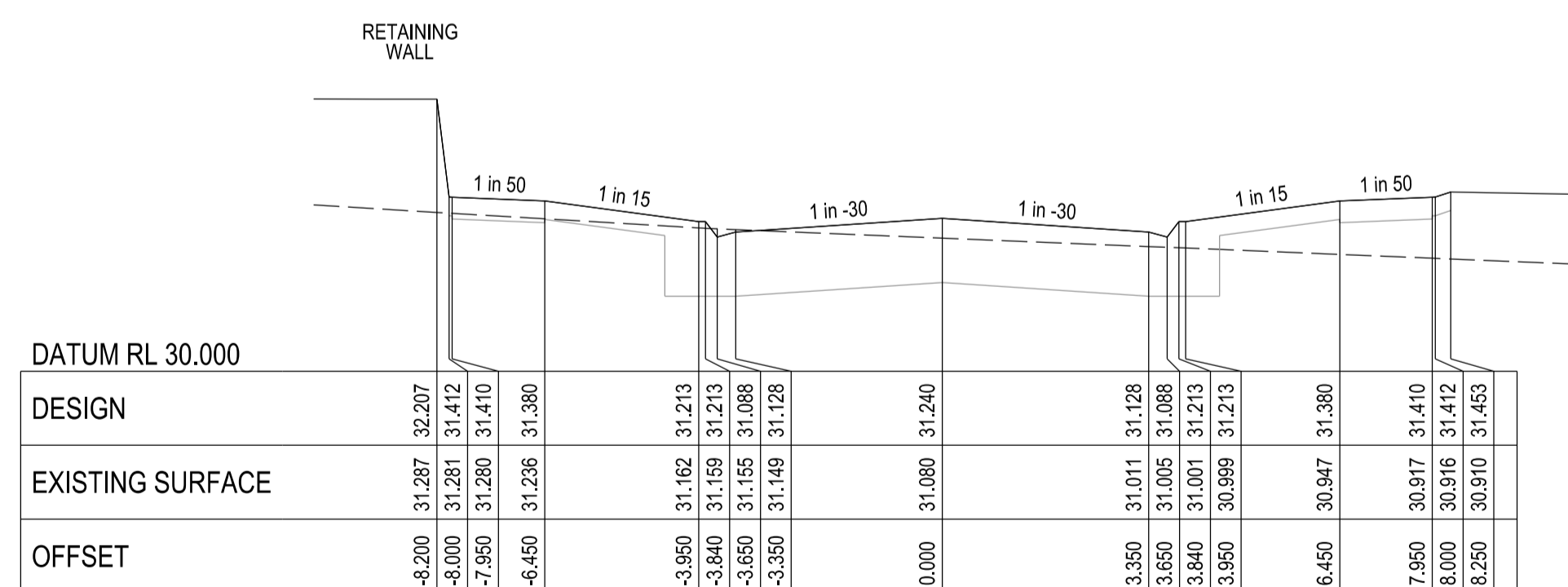
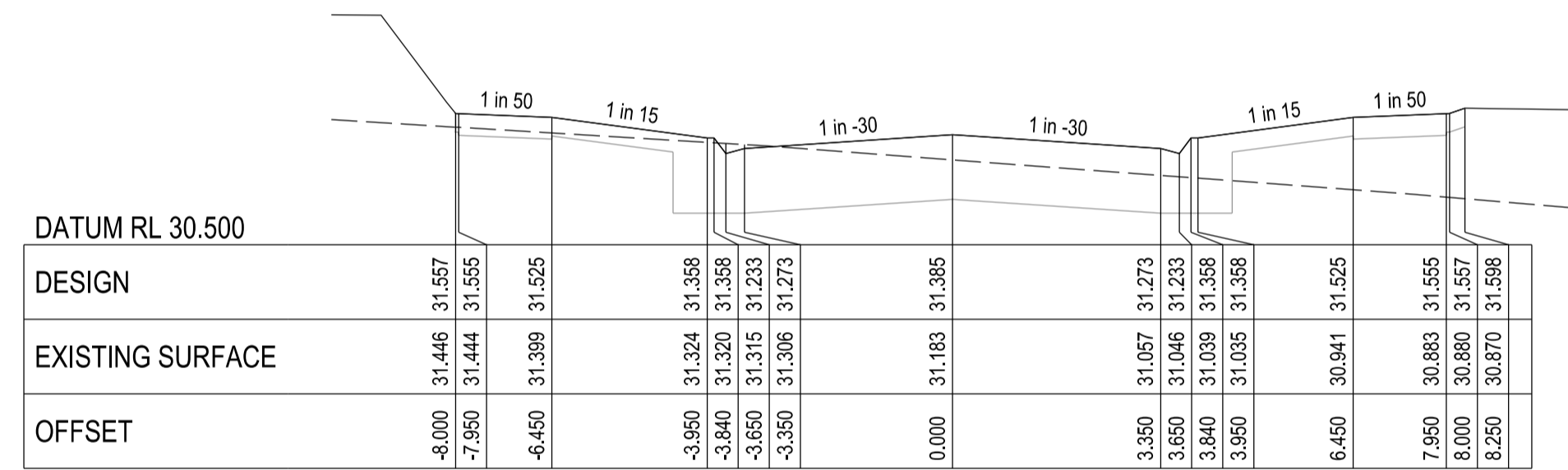
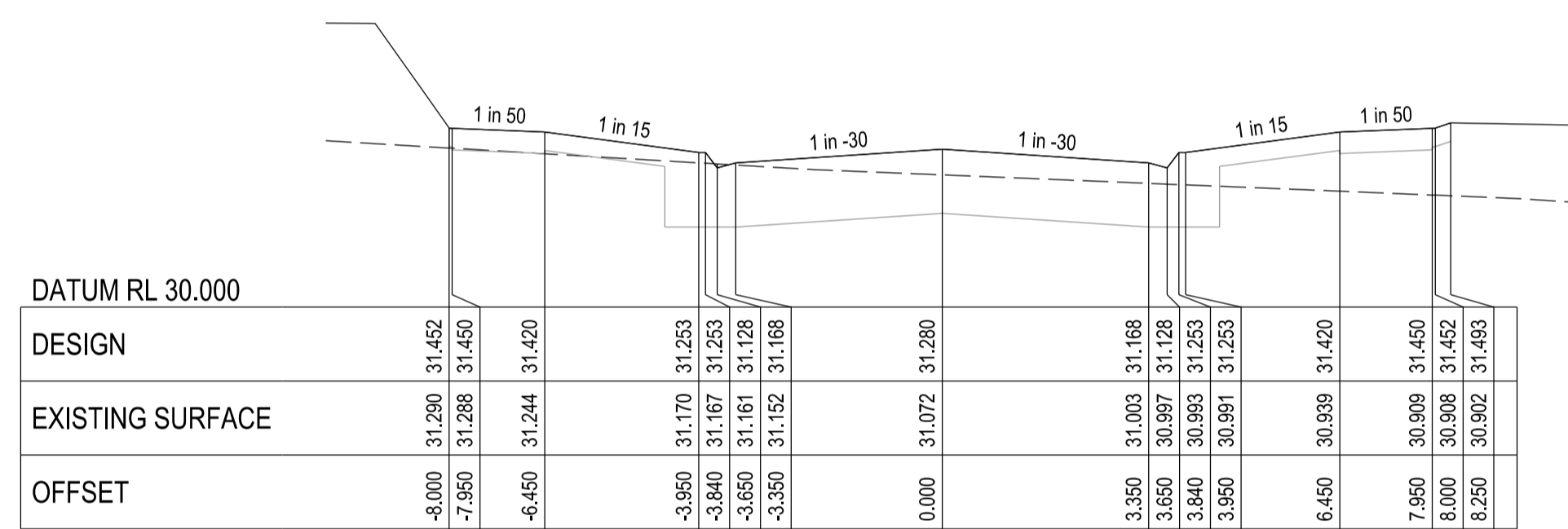
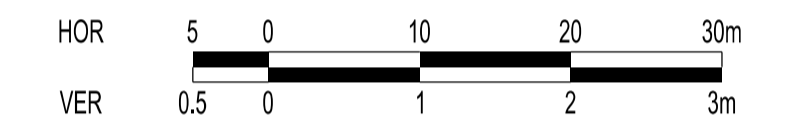
TITLE: BROWN PROPERTY GROUP  
MERIDIAN ESTATE - STAGE 9C  
1850 THOMPSONS ROAD, CLYDE NORTH

**KERB RETURN LONGITUDINAL SECTIONS 1**

DRG NO. 1137\_9C/06 REV. - SHEET 6 OF 14



**PICNIC AVENUE - LONGITUDINAL SECTION**  
 A1 HORZ SCALE 1:500  
 A1 VERT SCALE 1:50



| VERSION DETAILS: |          |             |             |
|------------------|----------|-------------|-------------|
| REV              | DATE     | DESCRIPTION | STATUS      |
| -                | 16/04/20 | PRELIMINARY | PRELIMINARY |

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| DESIGNED:   | ML                                           | DATE: | APRIL 2020 |
| AUTHORISED: | TS                                           | DATE: | APRIL 2020 |

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**CITY OF CASEY**

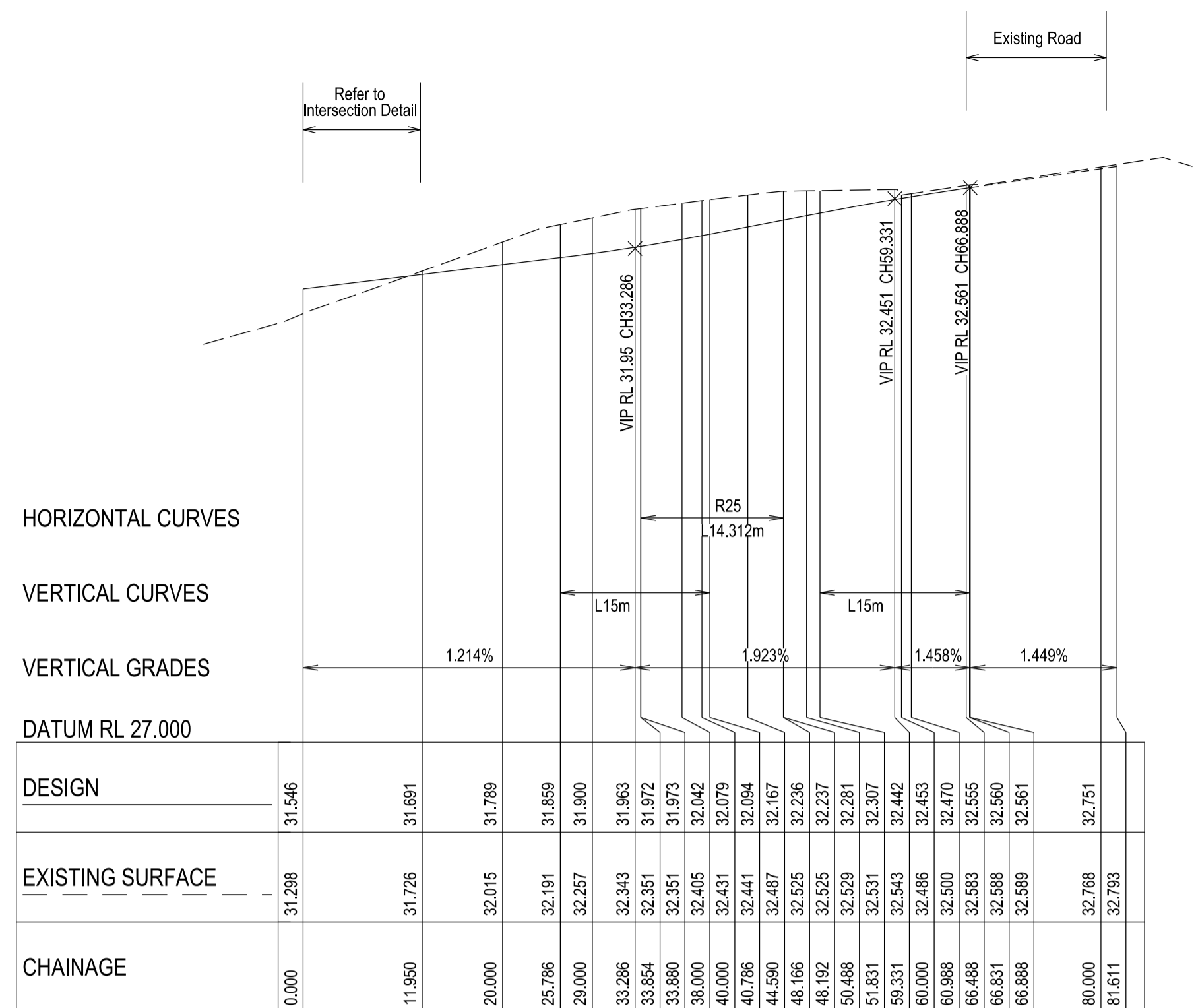
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 MERIDIAN ESTATE - STAGE 9C  
 1850 THOMPSONS ROAD, CLYDE NORTH**

**PICNIC AVENUE LONGITUDINAL AND CROSS SECTIONS**

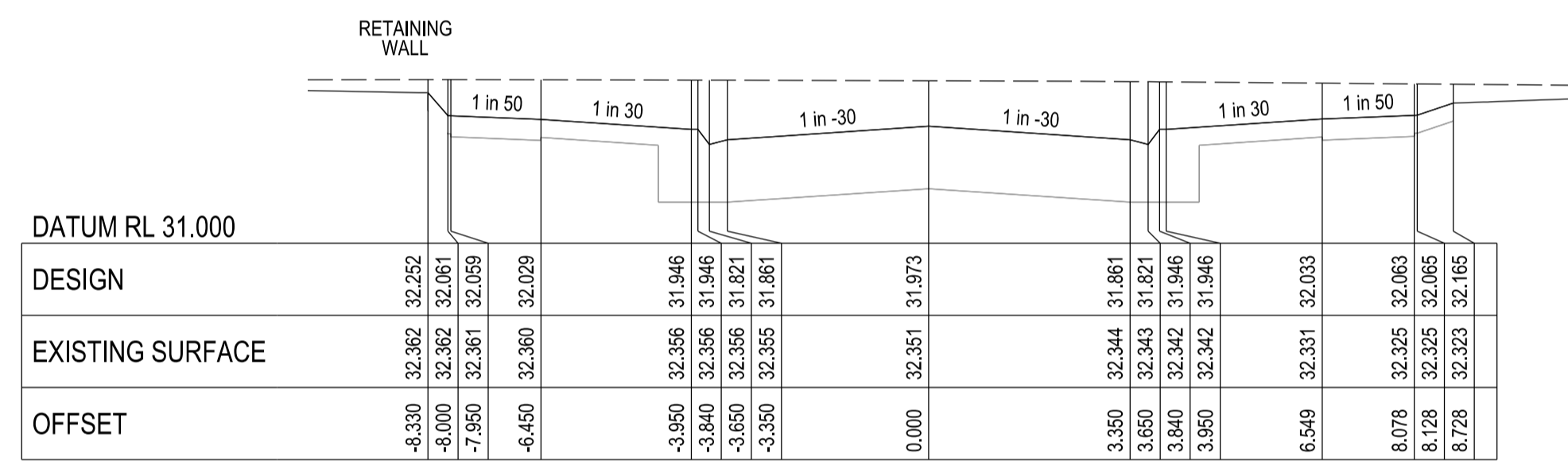
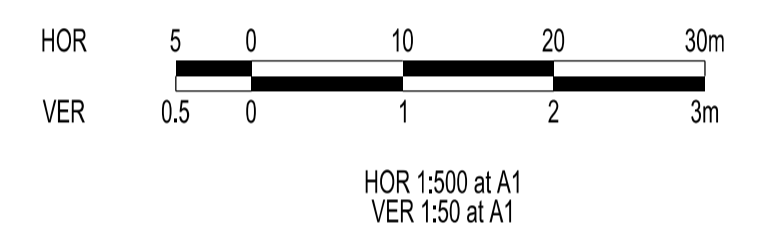
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| DRG NO.<br>1137_9C/R07 | REV.<br>- | SHEET 7 OF 14 |
|------------------------|-----------|---------------|



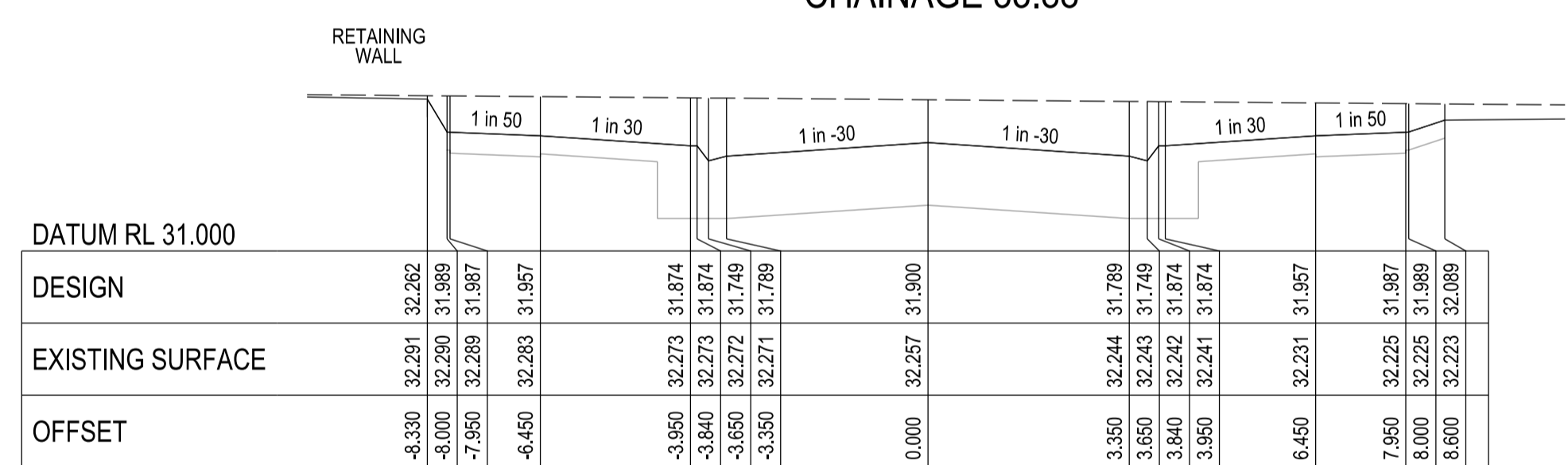




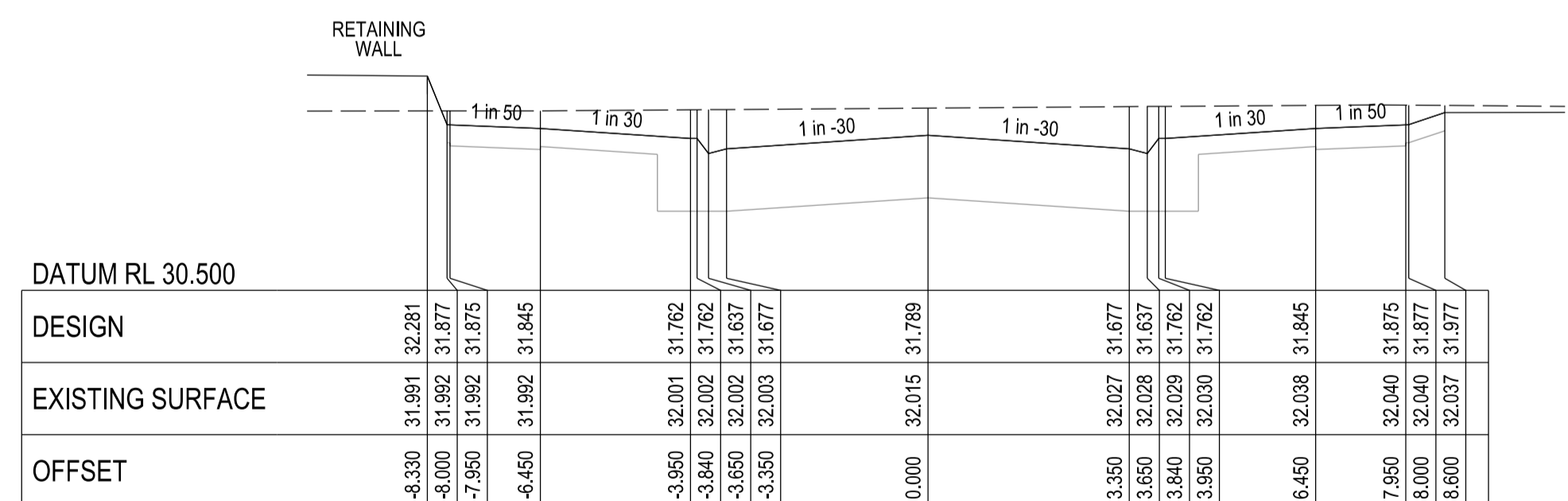
SERENGETI STREET - LONGITUDINAL SECTION  
A1 HORZ SCALE 1:500  
A1 VERT SCALE 1:50



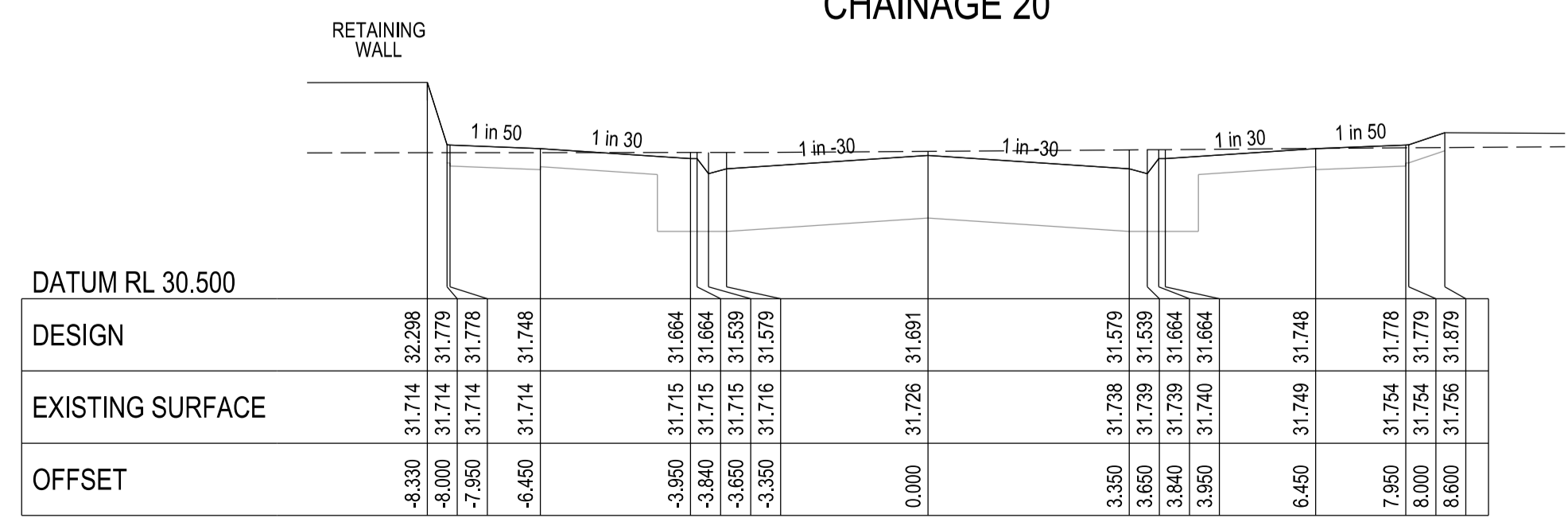
CHAINAGE 33.88



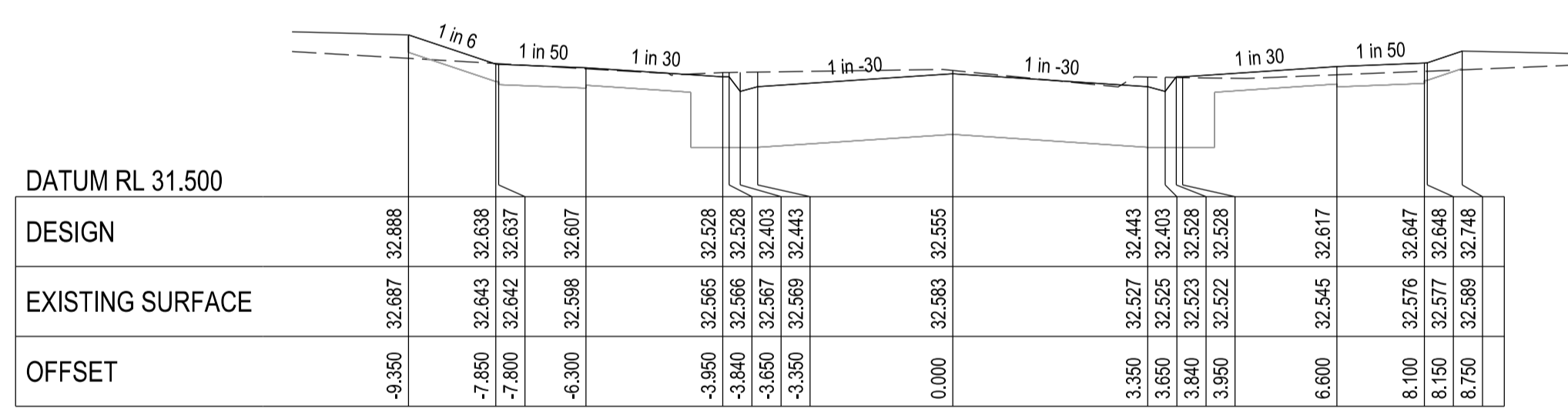
CHAINAGE 29



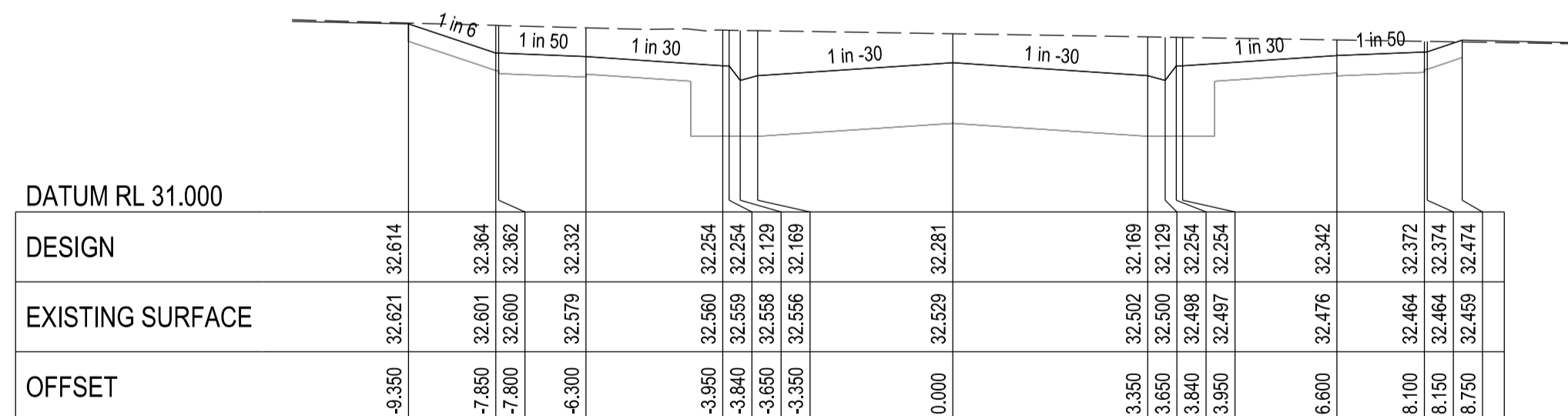
CHAINAGE 20



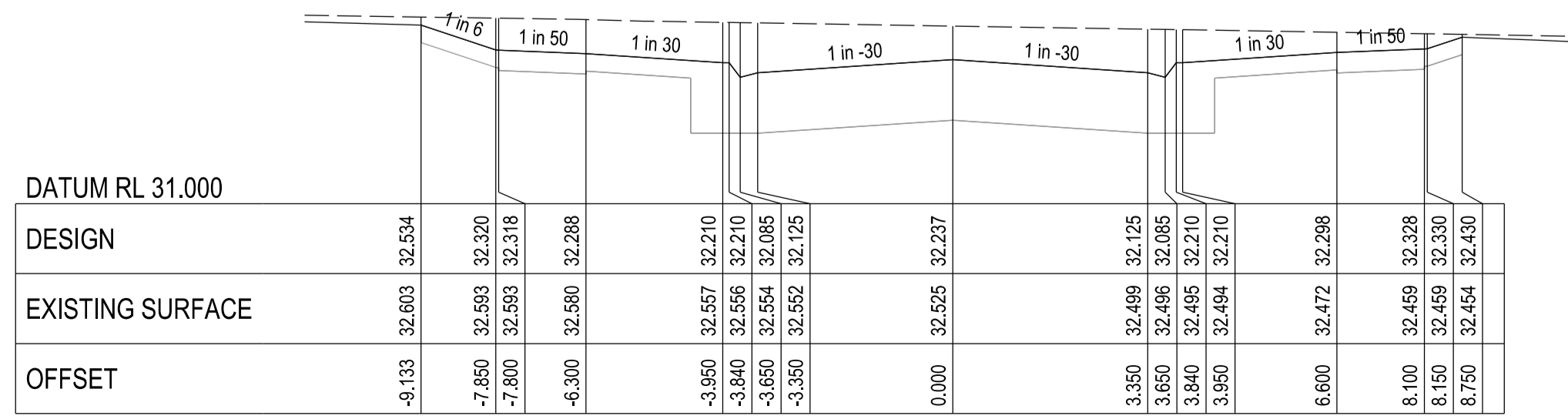
CHAINAGE 11.95



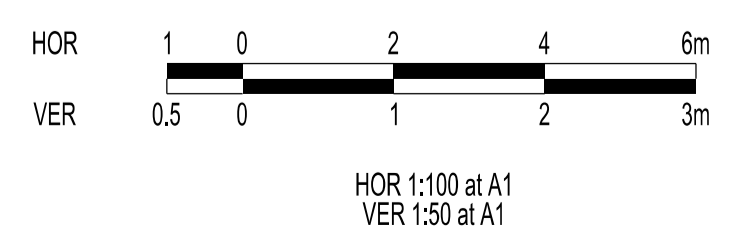
CHAINAGE 66.488



CHAINAGE 50.488



CHAINAGE 48.192



| REV | DATE     | DESCRIPTION | STATUS      |
|-----|----------|-------------|-------------|
| -   | 16/04/20 | PRELIMINARY | PRELIMINARY |

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| DRAWN:      | ML                                           | DATE: | APRIL 2020 |
| DESIGNED:   | ML                                           | DATE: | APRIL 2020 |
| AUTHORISED: | TS                                           | DATE: | APRIL 2020 |

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CITY OF CASEY

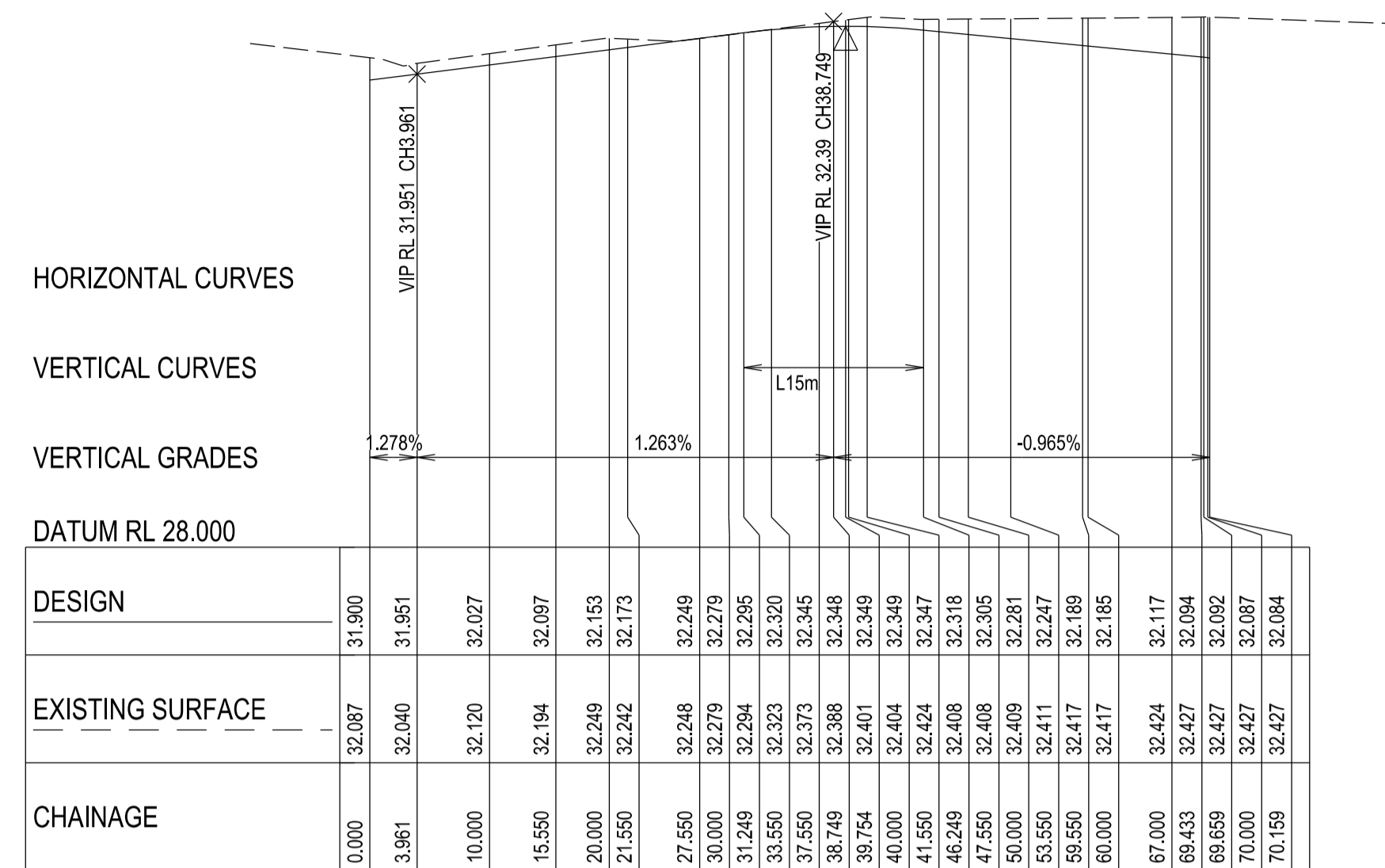
TITLE:  
BROWN PROPERTY GROUP  
MERIDIAN ESTATE - STAGE 9C  
1850 THOMPSONS ROAD, CLYDE NORTH

SERENGETI STREET LONGITUDINAL AND CROSS SECTIONS

DRG NO. 1137\_9C/R09

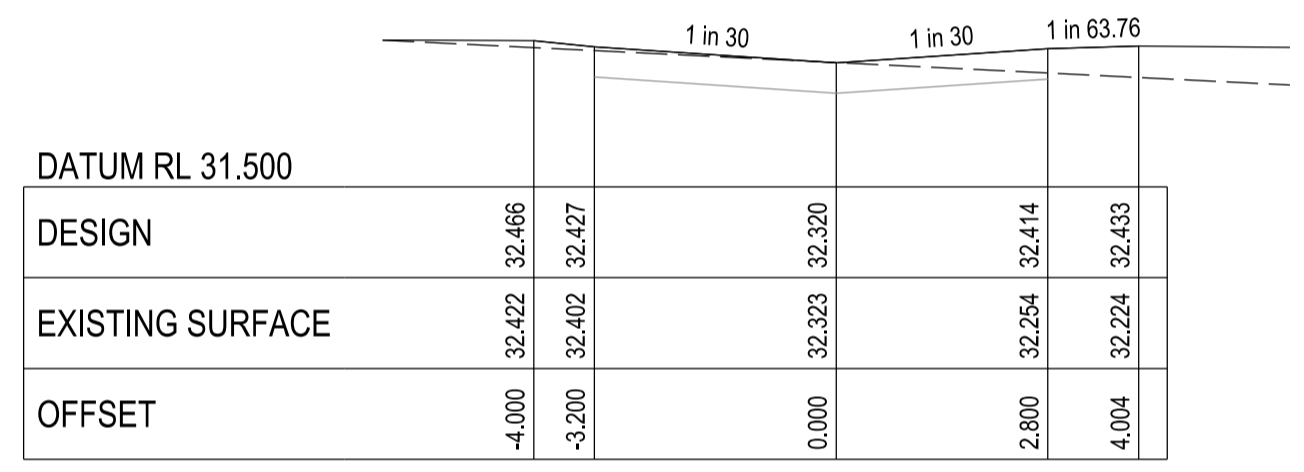
REV. -

SHEET 9 OF 14



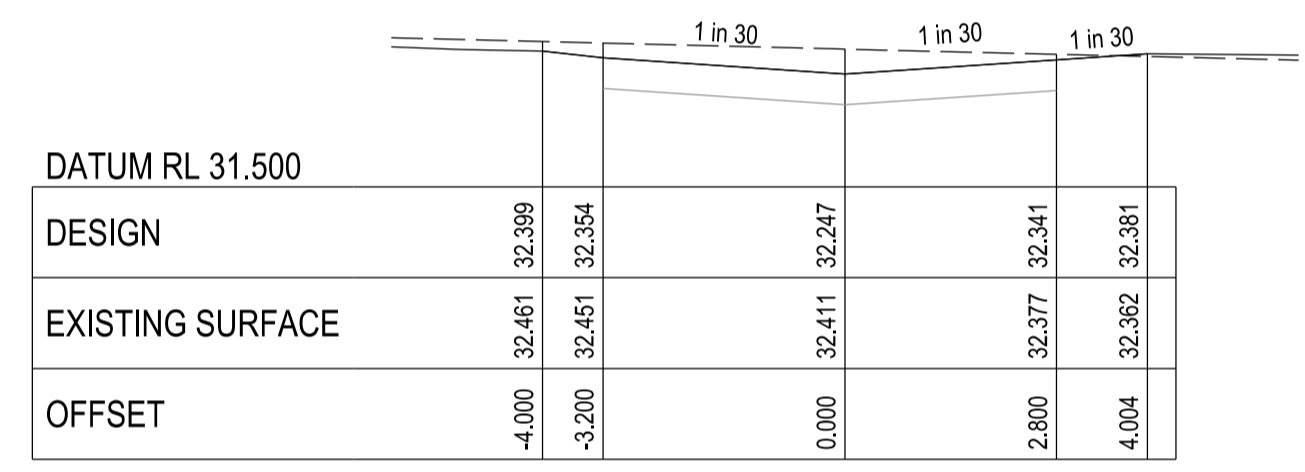
**ROAD 1 (LANEWAY) - LONGITUDINAL SECTION**  
 A1 HORZ SCALE 1:500  
 A1 VERT SCALE 1:50

|                  | 0.000  | 3.961  | 10.000 | 15.550 | 20.000 | 21.550 | 27.550 | 30.000 | 31.249 | 33.550 | 37.550 | 38.749 | 39.754 | 40.000 | 41.550 | 46.249 | 47.550 | 50.000 | 53.550 | 59.550 | 60.000 | 67.000 | 69.433 | 70.000 | 70.159 |        |        |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| DESIGN           | 31.900 | 31.951 | 32.027 | 32.097 | 32.153 | 32.173 | 32.249 | 32.279 | 32.285 | 32.300 | 32.345 | 32.346 | 32.349 | 32.349 | 32.347 | 32.316 | 32.305 | 32.281 | 32.247 | 32.189 | 32.185 | 32.117 | 32.094 | 32.092 | 32.087 | 32.084 |        |
| EXISTING SURFACE | 32.087 | 32.040 | 32.120 | 32.194 | 32.249 | 32.242 | 32.249 | 32.279 | 32.284 | 32.323 | 32.373 | 32.388 | 32.401 | 32.404 | 32.404 | 32.408 | 32.408 | 32.409 | 32.411 | 32.417 | 32.417 | 32.424 | 32.424 | 32.427 | 32.427 | 32.427 | 32.427 |
| CHAINAGE         | 0.000  | 3.961  | 10.000 | 15.550 | 20.000 | 21.550 | 27.550 | 30.000 | 31.249 | 33.550 | 37.550 | 38.749 | 39.754 | 40.000 | 41.550 | 46.249 | 47.550 | 50.000 | 53.550 | 59.550 | 60.000 | 67.000 | 69.433 | 70.000 | 70.159 |        |        |



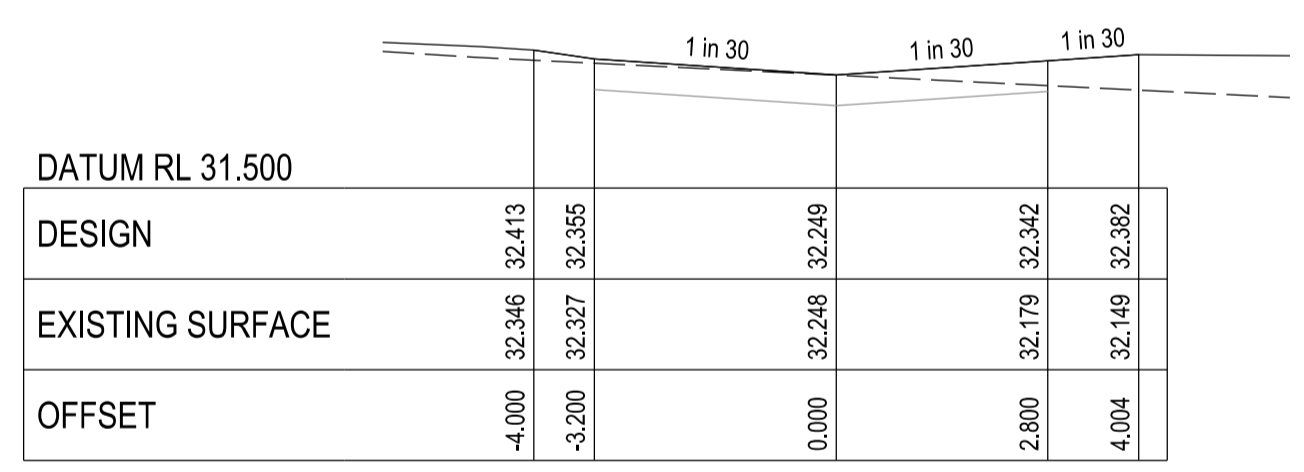
**CHAINAGE 33.55**

|                  | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |
|------------------|--------|--------|--------|--------|--------|
| DESIGN           | 32.466 | 32.427 | 32.320 | 32.414 | 32.433 |
| EXISTING SURFACE | 32.422 | 32.402 | 32.323 | 32.254 | 32.224 |
| OFFSET           | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |



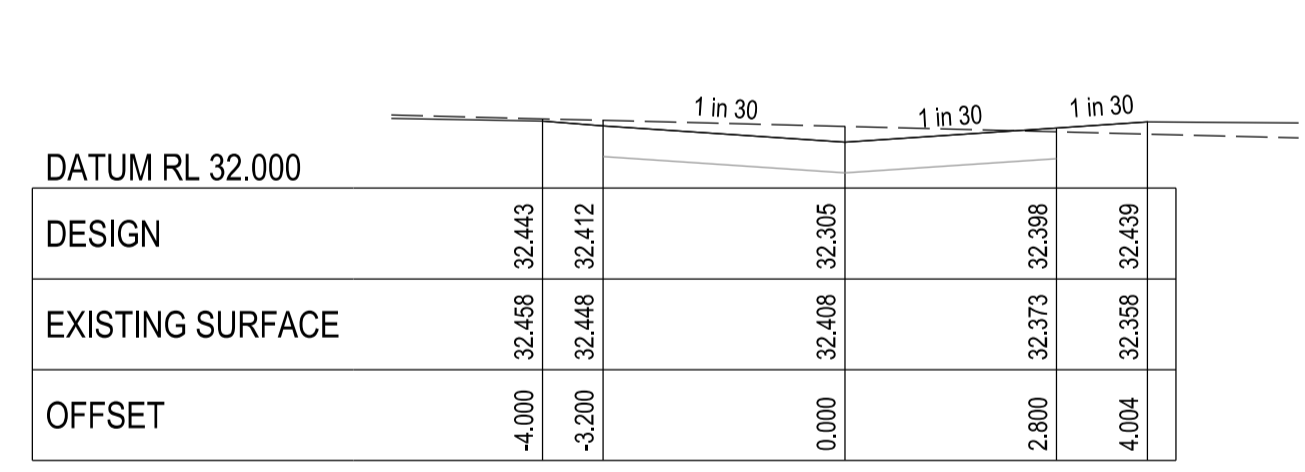
**CHAINAGE 53.55**

|                  | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |
|------------------|--------|--------|--------|--------|--------|
| DESIGN           | 32.399 | 32.354 | 32.247 | 32.341 | 32.381 |
| EXISTING SURFACE | 32.461 | 32.451 | 32.247 | 32.377 | 32.381 |
| OFFSET           | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |



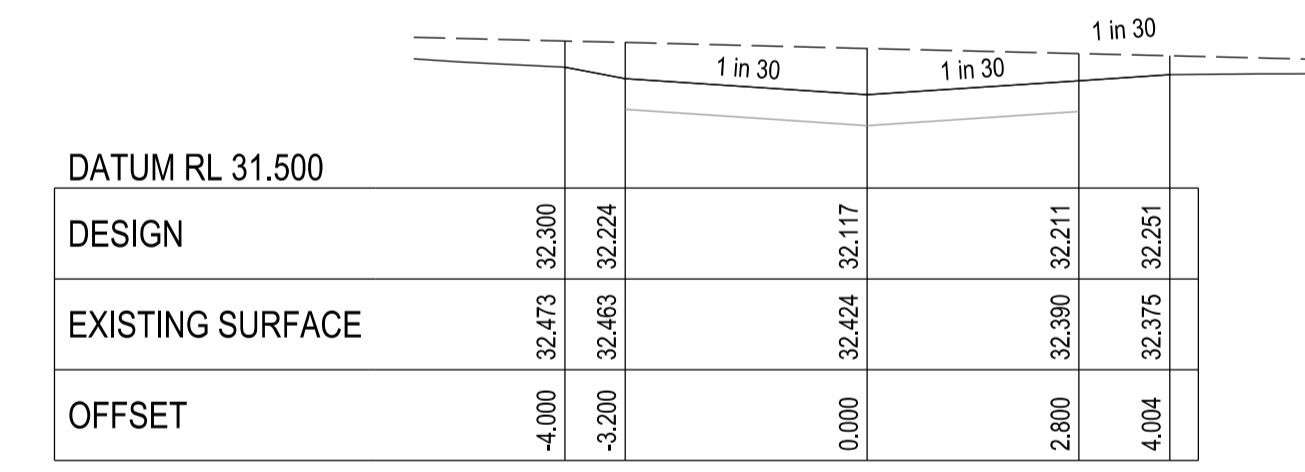
**CHAINAGE 27.55**

|                  | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |
|------------------|--------|--------|--------|--------|--------|
| DESIGN           | 32.413 | 32.355 | 32.249 | 32.342 | 32.382 |
| EXISTING SURFACE | 32.346 | 32.327 | 32.248 | 32.179 | 32.149 |
| OFFSET           | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |



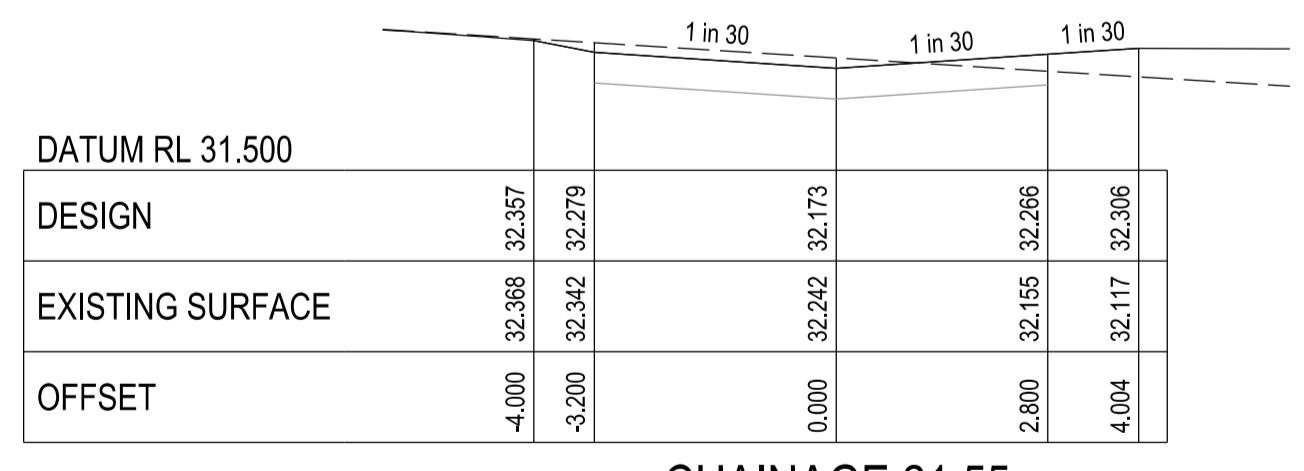
**CHAINAGE 47.55**

|                  | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |
|------------------|--------|--------|--------|--------|--------|
| DESIGN           | 32.443 | 32.412 | 32.305 | 32.398 | 32.439 |
| EXISTING SURFACE | 32.458 | 32.448 | 32.408 | 32.373 | 32.358 |
| OFFSET           | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |



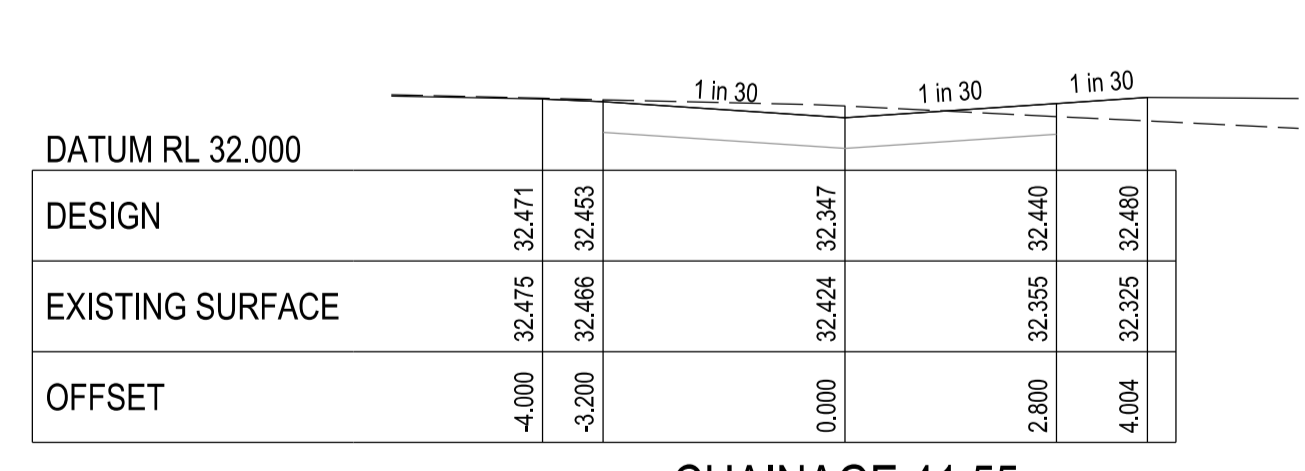
**CHAINAGE 67**

|                  | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |
|------------------|--------|--------|--------|--------|--------|
| DESIGN           | 32.300 | 32.224 | 32.117 | 32.211 | 32.251 |
| EXISTING SURFACE | 32.473 | 32.463 | 32.424 | 32.390 | 32.375 |
| OFFSET           | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |



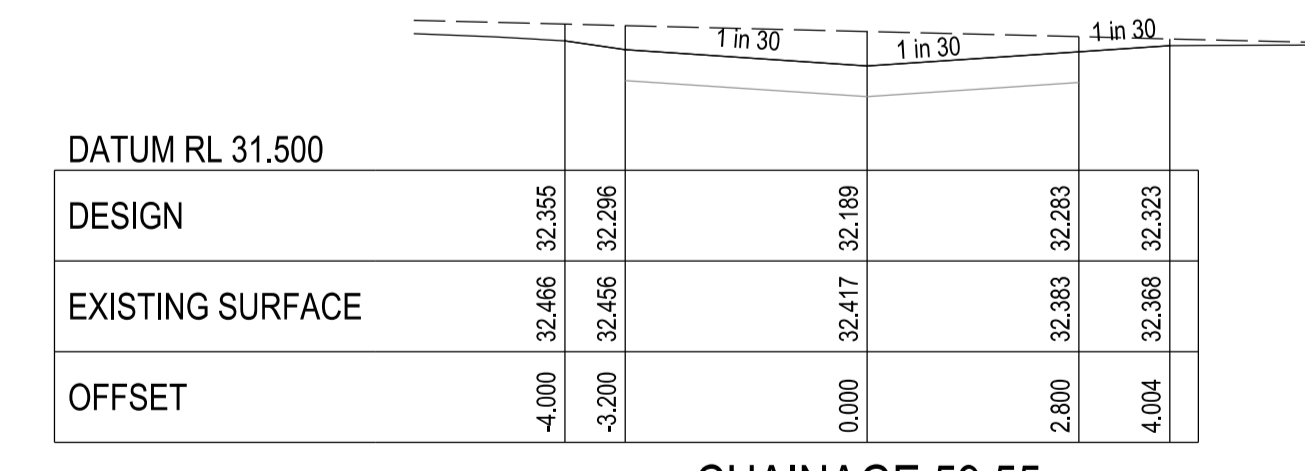
**CHAINAGE 21.55**

|                  | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |
|------------------|--------|--------|--------|--------|--------|
| DESIGN           | 32.557 | 32.479 | 32.373 | 32.466 | 32.506 |
| EXISTING SURFACE | 32.368 | 32.342 | 32.242 | 32.155 | 32.117 |
| OFFSET           | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |



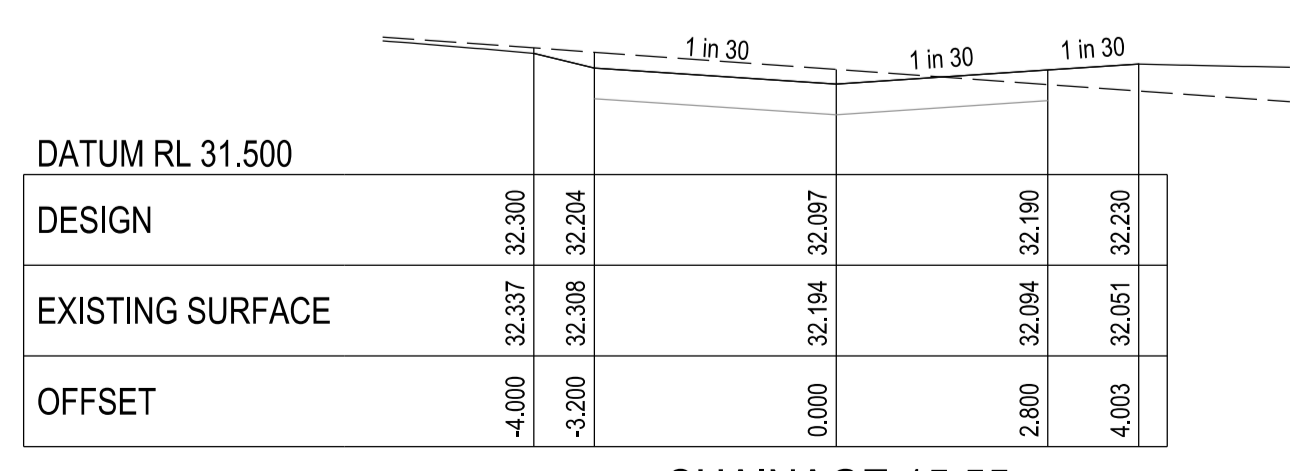
**CHAINAGE 41.55**

|                  | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |
|------------------|--------|--------|--------|--------|--------|
| DESIGN           | 32.471 | 32.453 | 32.347 | 32.440 | 32.480 |
| EXISTING SURFACE | 32.475 | 32.466 | 32.424 | 32.355 | 32.325 |
| OFFSET           | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |



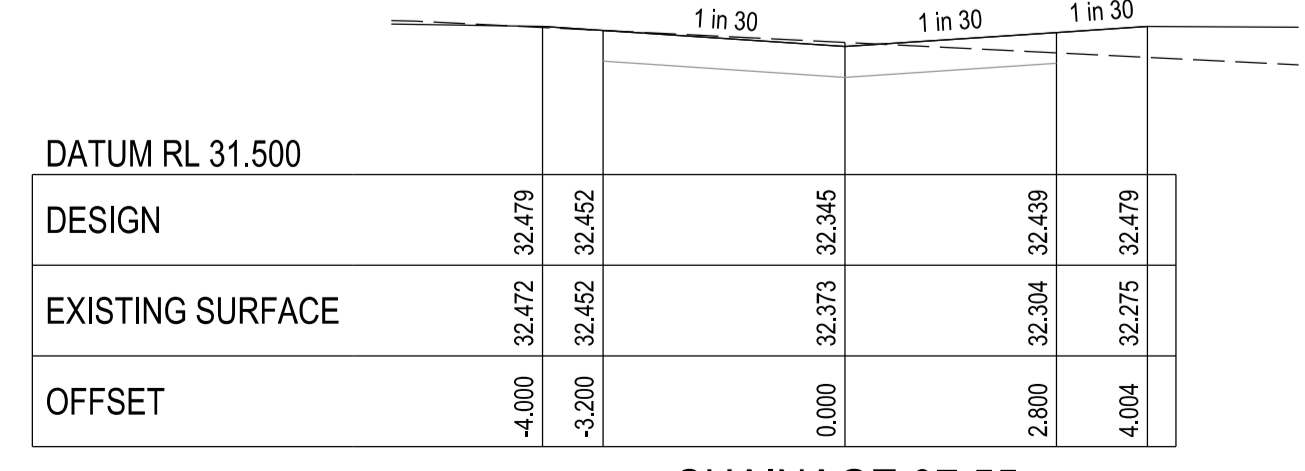
**CHAINAGE 59.55**

|                  | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |
|------------------|--------|--------|--------|--------|--------|
| DESIGN           | 32.355 | 32.296 | 32.189 | 32.283 | 32.323 |
| EXISTING SURFACE | 32.466 | 32.456 | 32.417 | 32.383 | 32.368 |
| OFFSET           | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |



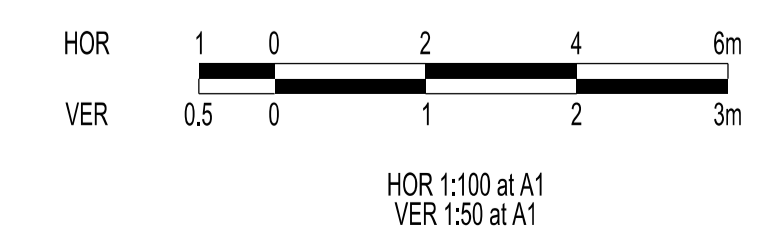
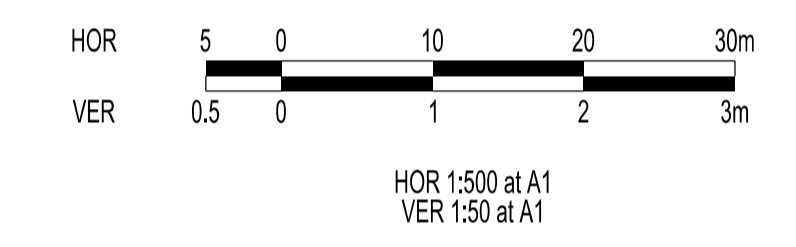
**CHAINAGE 15.55**

|                  | -4.000 | -3.200 | 0.000  | 2.800  | 4.003  |
|------------------|--------|--------|--------|--------|--------|
| DESIGN           | 32.300 | 32.204 | 32.097 | 32.190 | 32.230 |
| EXISTING SURFACE | 32.337 | 32.308 | 32.194 | 32.094 | 32.051 |
| OFFSET           | -4.000 | -3.200 | 0.000  | 2.800  | 4.003  |



**CHAINAGE 37.55**

|                  | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |
|------------------|--------|--------|--------|--------|--------|
| DESIGN           | 32.479 | 32.452 | 32.345 | 32.439 | 32.479 |
| EXISTING SURFACE | 32.472 | 32.452 | 32.373 | 32.304 | 32.275 |
| OFFSET           | -4.000 | -3.200 | 0.000  | 2.800  | 4.004  |



**VERSION DETAILS:**

| REV | DATE     | DESCRIPTION | STATUS      |
|-----|----------|-------------|-------------|
| -   | 16/04/20 | PRELIMINARY | PRELIMINARY |

FILENAME: P:\1137\1137\_9CIE\2 - Design\6 - DGN\R10.dgn

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| DESIGNED: ML   | DATE: APRIL 2020 | DATE PRINTED: 22/04/2020 |
| AUTHORISED: TS | DATE: APRIL 2020 |                          |

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 LAND DEVELOPMENT CONSULTANTS

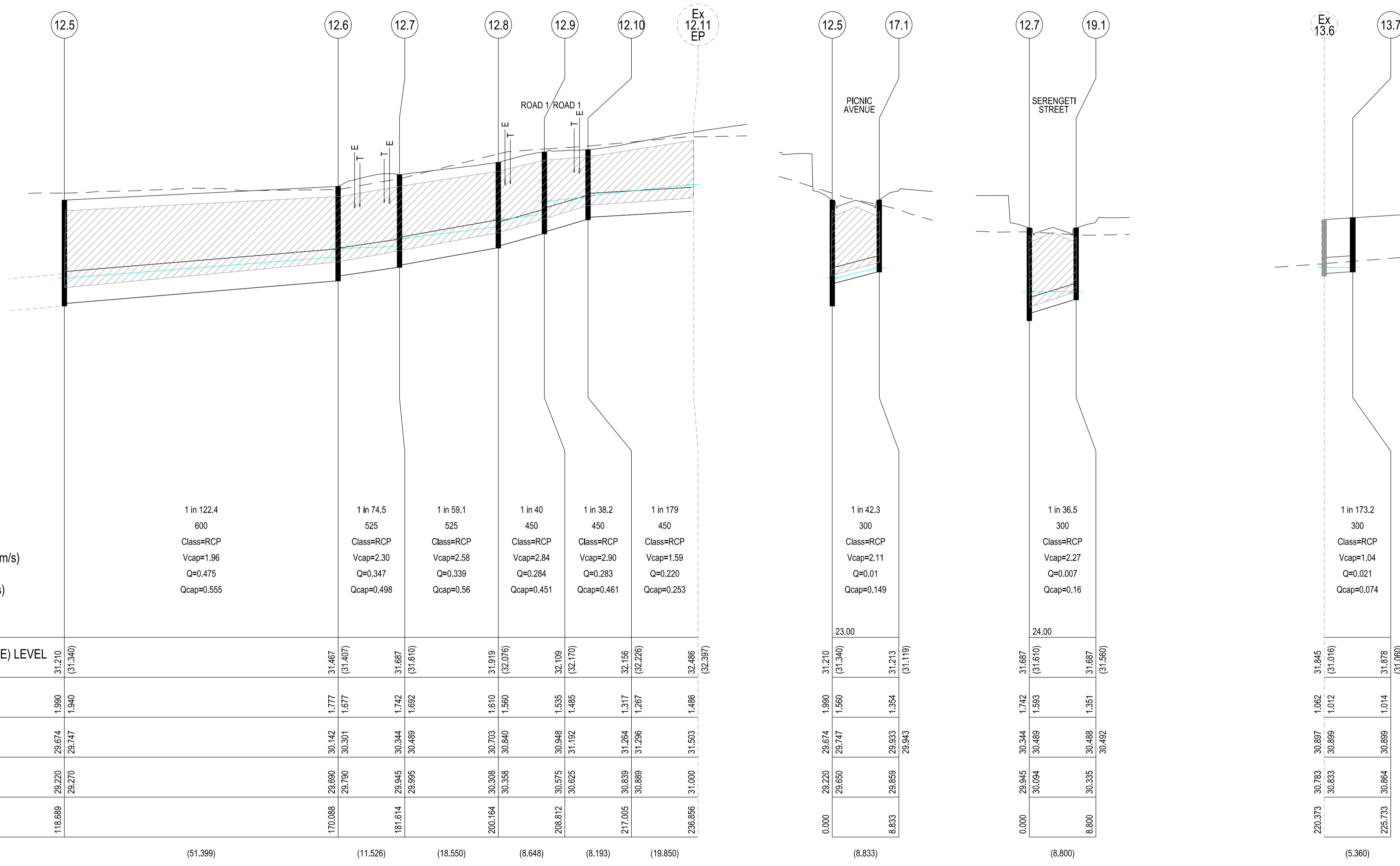
SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930  
 www.charltondegg.com.au

COUNCIL: CITY OF CASEY

TITLE: BROWN PROPERTY GROUP  
 MERIDIAN ESTATE - STAGE 9C  
 1850 THOMPSONS ROAD, CLYDE NORTH

ROAD 1 (LANEWAY) LONGITUDINAL AND CROSS SECTIONS

|                     |        |               |
|---------------------|--------|---------------|
| DRG NO. 1137_9C/R10 | REV. - | SHEET 100F 14 |
|---------------------|--------|---------------|



PIPE GRADE (1 in)  
 PIPE SIZE (mm)  
 PIPE CLASS/TYPE  
 Vcap - CAPACITY VELOCITY (m/s)  
 Q - PIPE FLOW (m3/s)  
 Qcap - CAPACITY FLOW (m3/s)

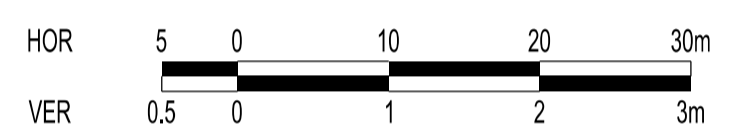
|            |            |           |            |            |            |
|------------|------------|-----------|------------|------------|------------|
| 1 in 122.4 | 1 in 74.5  | 1 in 59.1 | 1 in 40    | 1 in 38.2  | 1 in 179   |
| 600        | 525        | 525       | 450        | 450        | 450        |
| Class=RCP  | Class=RCP  | Class=RCP | Class=RCP  | Class=RCP  | Class=RCP  |
| Vcap=1.96  | Vcap=2.30  | Vcap=2.58 | Vcap=2.84  | Vcap=2.90  | Vcap=1.59  |
| Q=0.475    | Q=0.347    | Q=0.339   | Q=0.284    | Q=0.283    | Q=0.220    |
| Qcap=0.555 | Qcap=0.498 | Qcap=0.56 | Qcap=0.451 | Qcap=0.461 | Qcap=0.253 |

| DATUM RL                        |       |          |          |          |          |          |          |
|---------------------------------|-------|----------|----------|----------|----------|----------|----------|
| COVER (& NATURAL SURFACE) LEVEL | (---) | 31.210   | 31.467   | 31.687   | 31.919   | 32.109   | 32.486   |
|                                 | (---) | (31.340) | (31.407) | (31.610) | (32.076) | (32.170) | (32.397) |
| DEPTH TO INVERT                 |       | 1.990    | 1.777    | 1.610    | 1.560    | 1.535    | 1.468    |
|                                 |       | 1.940    | 1.677    | 1.742    | 1.692    | 1.667    | 1.468    |
| HYDRAULIC GRADE LINE            |       | 29.674   | 30.142   | 30.344   | 30.703   | 30.948   | 31.503   |
|                                 |       | 29.747   | 30.301   | 30.489   | 30.840   | 31.192   | 31.687   |
| INVERT LEVEL                    |       | 29.220   | 29.790   | 29.945   | 30.308   | 30.575   | 31.000   |
|                                 |       | 29.270   | 29.747   | 29.995   | 30.358   | 30.625   | 31.000   |
| PIPE CHAINAGE                   |       | 118.689  | 170.088  | 181.614  | 200.164  | 208.812  | 238.856  |
|                                 |       | (51.399) | (11.526) | (18.550) | (8.648)  | (8.193)  | (19.850) |

**STOP**  
 Major Cables exist in the area, if your activities are within Telstra encroachment distances (see duty of care) contact 03 9632 9961 at least 2 business days before starting activity.

**WARNING**  
**BEWARE OF UNDERGROUND SERVICES**  
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

LOCATION OF WATER, GAS, ELECTRICITY AND TELECOMMUNICATION SERVICES ARE INDICATIVE ONLY



HOR 1:500 at A1  
 VER 1:50 at A1

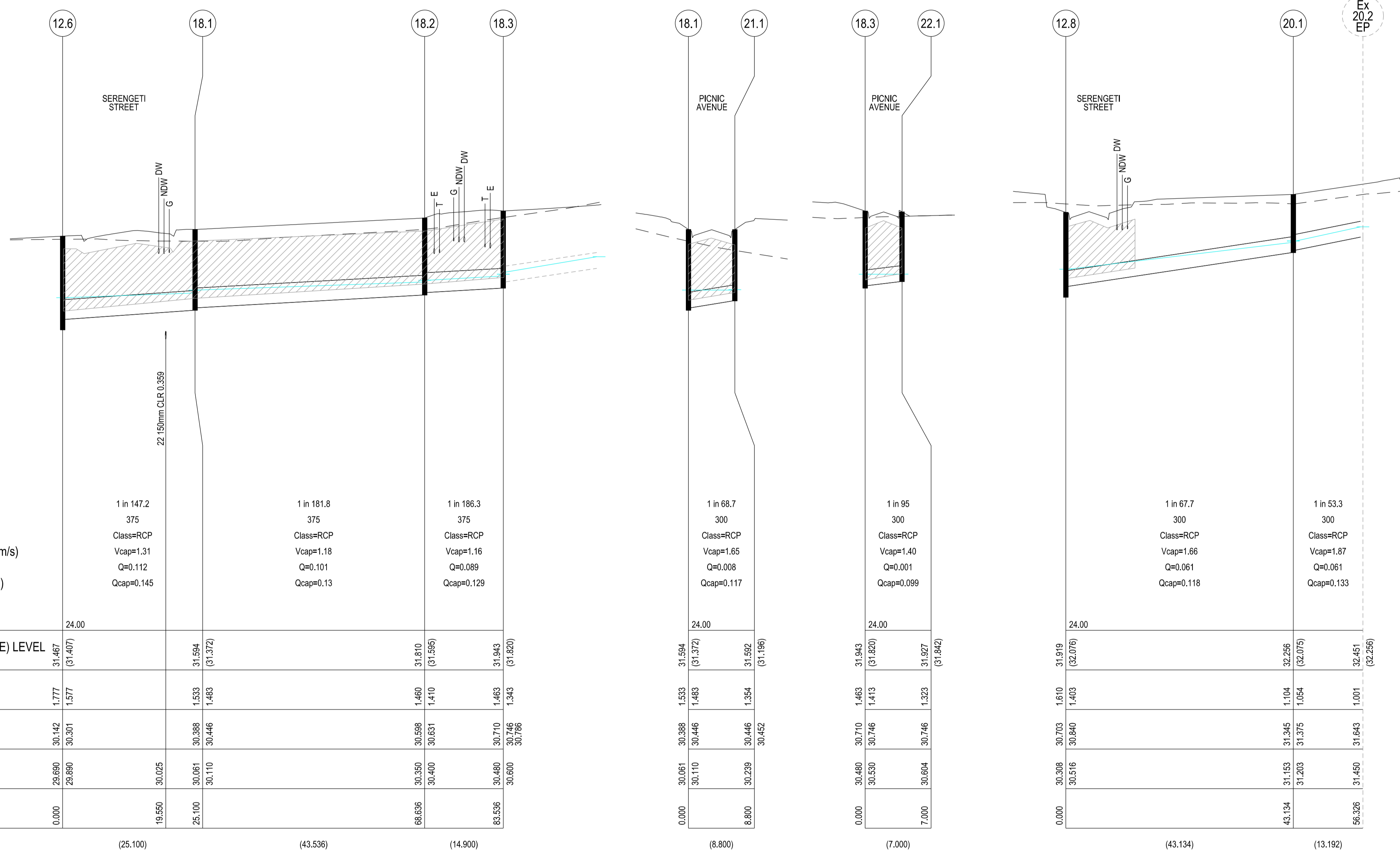
**VERSION DETAILS:**

| REV | DATE     | DESCRIPTION | STATUS      |
|-----|----------|-------------|-------------|
| -   | 16/04/20 | PRELIMINARY | PRELIMINARY |

|                |  |                  |  |                          |
|----------------|--|------------------|--|--------------------------|
| DRAWN: ML      |  | DATE: APRIL 2020 |  | SCALE: AS SHOWN          |
| DESIGNED: ML   |  | DATE: APRIL 2020 |  | DATE PRINTED: 22/04/2020 |
| AUTHORISED: TS |  | DATE: APRIL 2020 |  |                          |

**CHARLTON DEGG**  
 LAND DEVELOPMENT CONSULTANTS  
 SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3930  
 www.charltondegg.com.au

COUNCIL: CITY OF CASEY  
 TITLE: BROWN PROPERTY GROUP  
 MERIDIAN ESTATE - STAGE 9C  
 1850 THOMPSONS ROAD, CLYDE NORTH



PIPE GRADE (1 in)  
 PIPE SIZE (mm)  
 PIPE CLASS/TYP  
 Vcap - CAPACITY VELOCITY (m/s)  
 Q - PIPE FLOW (m3/s)  
 Qcap - CAPACITY FLOW (m3/s)

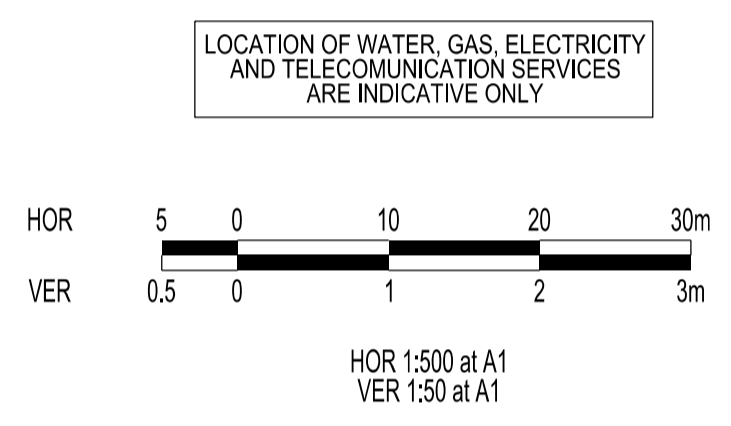
| DATUM RL                                 | 24.00              |                            |                    |                    |                            |
|------------------------------------------|--------------------|----------------------------|--------------------|--------------------|----------------------------|
| COVER (& NATURAL SURFACE) LEVEL<br>(---) | 31.467<br>(31.407) |                            | 31.594<br>(31.372) | 31.810<br>(31.595) | 31.943<br>(31.820)         |
| DEPTH TO INVERT                          | 1.777<br>1.577     |                            | 1.533<br>1.483     | 1.460<br>1.410     | 1.463<br>1.343             |
| HYDRAULIC GRADE LINE                     | 30.142<br>30.301   |                            | 30.598<br>30.446   | 30.598<br>30.631   | 30.710<br>30.746<br>30.786 |
| INVERT LEVEL                             | 28.690<br>28.890   | 30.025<br>30.061<br>30.110 | 30.350<br>30.400   | 30.480<br>30.600   |                            |
| PIPE CHAINAGE                            | 0.000              | 19.550                     | 25.100             | 66.636             | 83.536                     |
|                                          |                    | (25.100)                   | (43.536)           | (14.900)           |                            |

|            |     |           |           |         |            |
|------------|-----|-----------|-----------|---------|------------|
| 1 in 181.8 | 375 | Class=RCP | Vcap=1.18 | Q=0.101 | Qcap=0.145 |
| 1 in 186.3 | 375 | Class=RCP | Vcap=1.16 | Q=0.089 | Qcap=0.129 |
| 1 in 68.7  | 300 | Class=RCP | Vcap=1.65 | Q=0.008 | Qcap=0.117 |
| 1 in 95    | 300 | Class=RCP | Vcap=1.40 | Q=0.001 | Qcap=0.099 |

|           |     |           |           |         |            |
|-----------|-----|-----------|-----------|---------|------------|
| 1 in 67.7 | 300 | Class=RCP | Vcap=1.66 | Q=0.061 | Qcap=0.118 |
| 1 in 53.3 | 300 | Class=RCP | Vcap=1.87 | Q=0.061 | Qcap=0.133 |

**STOP**  
 Major Cables exist in the area, if your activities are within Telstra encroachment distances (see duty of care) contact 03 9632 9961 at least 2 business days before starting activity.

**WARNING**  
**BEWARE OF UNDERGROUND SERVICES**  
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.



| VERSION DETAILS: |          |             |             |
|------------------|----------|-------------|-------------|
| REV              | DATE     | DESCRIPTION | STATUS      |
| -                | 16/04/20 | PRELIMINARY | PRELIMINARY |

FILENAME: P:\1137\1137\_9CIE\2 - Design\6 - DGN\R12.dgn

|                |                  |                          |
|----------------|------------------|--------------------------|
| DRAWN: ML      | DATE: APRIL 2020 | SCALE: AS SHOWN          |
| DESIGNED: ML   | DATE: APRIL 2020 | DATE PRINTED: 22/04/2020 |
| AUTHORISED: TS | DATE: APRIL 2020 |                          |



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**BROWN PROPERTY GROUP  
 MERIDIAN ESTATE - STAGE 9C  
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**DRAINAGE LONGITUDINAL SECTIONS 2**

|                       |           |                |
|-----------------------|-----------|----------------|
| DRG NO.<br>1137_9C/12 | REV.<br>- | SHEET 12 OF 14 |
|-----------------------|-----------|----------------|

PIT SCHEDULE

| Pit Name | TYPE     | EASTING    | NORTHING    | INTERNAL WD | LEN  | INLET DIA | INV LEV | OUTLET DIA | INV LEV | PIT SETOUT RL | DEPTH | REMARKS              |
|----------|----------|------------|-------------|-------------|------|-----------|---------|------------|---------|---------------|-------|----------------------|
| Ex12.11  | EP Drain | 354835.015 | 5782263.25  |             |      |           |         | 450        | 31      | 32.486        | 1.486 | Existing End of Pipe |
| 12.10    | JP       | 354815.364 | 5782266.053 | 600         | 900  | 450       | 30.889  | 450        | 30.839  | 32.156        | 1.317 | EDCM605              |
| 12.9     | GP       | 354807.451 | 5782268.179 | 600         | 900  | 450       | 30.625  | 450        | 30.575  | 32.109        | 1.535 | EDCM605 (w Grate)    |
| 12.8     | JP       | 354801.702 | 5782261.719 | 750         | 900  | 450       | 30.358  | 525        | 30.308  | 31.919        | 1.61  | EDCM605              |
|          |          |            |             |             |      | 300       | 30.516  |            |         | 31.919        | 1.61  | Line 20 Enters       |
| 12.7     | GSEP     | 354784.847 | 5782253.972 | 750         | 1050 | 525       | 29.995  | 525        | 29.945  | 31.687        | 1.742 | EDCM603              |
|          |          |            |             |             |      | 300       | 30.094  |            |         | 31.687        | 1.742 | Line 19 Enters       |
| 12.6     | GSEP     | 354774.038 | 5782257.973 | 750         | 1200 | 525       | 29.79   | 600        | 29.69   | 31.467        | 1.777 | EDCM603              |
|          |          |            |             |             |      | 375       | 29.89   |            |         | 31.467        | 1.777 | Line 18 Enters       |
| 12.5     | GSEP     | 354752.573 | 5782304.675 | 900         | 900  | 600       | 29.27   | 600        | 29.22   | 31.21         | 1.99  | EDCM603              |
|          |          |            |             |             |      | 300       | 29.65   |            |         | 31.21         | 1.99  | Line 17 Enters       |
| Ex12.4   | GSEP     | 354744.101 | 5782329.97  |             |      | 600       | 28.99   | 750        | 28.84   | 31.071        | 2.231 | Existing Pit         |
| 13.7     | JP       | 354766.393 | 5782194.631 | 600         | 900  |           |         | 300        | 30.864  | 31.878        | 1.014 | EDCM605              |
| Ex13.6   | JP       | 354764.155 | 5782199.501 |             |      | 300       | 30.833  | 300        | 30.783  | 31.845        | 1.062 | Existing Pit         |
| 17.1     | GSEP     | 354744.894 | 5782300.309 | 600         | 900  |           |         | 300        | 29.859  | 31.213        | 1.354 | EDCM603              |
| 18.3     | GSEP     | 354814.621 | 5782186.668 | 600         | 900  | 300       | 30.6    | 375        | 30.48   | 31.943        | 1.463 | EDCM603              |
|          |          |            |             |             |      | 300       | 30.53   |            |         | 31.943        | 1.463 | Line 22 Enters       |
| 18.2     | GSEP     | 354802.703 | 5782195.61  | 600         | 900  | 375       | 30.4    | 375        | 30.35   | 31.81         | 1.46  | EDCM603              |
| 18.1     | GSEP     | 354784.521 | 5782235.167 | 600         | 900  | 375       | 30.11   | 375        | 30.061  | 31.594        | 1.533 | EDCM603              |
|          |          |            |             |             |      | 300       | 30.11   |            |         | 31.594        | 1.533 | Line 21 Enters       |
| 19.1     | GSEP     | 354788.522 | 5782245.976 | 600         | 900  |           |         | 300        | 30.335  | 31.687        | 1.351 | EDCM603              |
| Ex20.2   | EP Drain | 354832.776 | 5782220.664 |             |      |           |         | 300        | 31.45   | 32.451        | 1.001 | Existing End of Pipe |
| 20.1     | JP       | 354819.85  | 5782222.69  | 600         | 900  | 300       | 31.203  | 300        | 31.153  | 32.256        | 1.104 | EDCM605              |
| 21.1     | GSEP     | 354776.525 | 5782231.492 | 600         | 900  |           |         | 300        | 30.239  | 31.592        | 1.354 | EDCM603 (Build Over) |
| 22.1     | GSEP     | 354813.673 | 5782179.732 | 600         | 900  |           |         | 300        | 30.604  | 31.927        | 1.323 | EDCM603              |

NOTE:  
 1. xy setout to pit centre  
 2. setout level to pit cover level

VERSION DETAILS:

| REV | DATE     | DESCRIPTION | STATUS      |
|-----|----------|-------------|-------------|
| -   | 16/04/20 | PRELIMINARY | PRELIMINARY |

FILENAME: P:\1137\1137\_9C\12 - Design\6 - DGN\13.dgn

|             |    |       |            |               |            |
|-------------|----|-------|------------|---------------|------------|
| DRAWN:      | ML | DATE: | APRIL 2020 | SCALE:        | AS SHOWN   |
| DESIGNED:   | ML | DATE: | APRIL 2020 | DATE PRINTED: | 22/04/2020 |
| AUTHORISED: | TS | DATE: | APRIL 2020 |               |            |



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 CITY OF CASEY

TITLE:  
 BROWN PROPERTY GROUP  
 MERIDIAN ESTATE - STAGE 9C  
 1850 THOMPSONS ROAD, CLYDE NORTH

PIT SCHEDULE

|                       |           |               |
|-----------------------|-----------|---------------|
| DRG NO.<br>1137_9C/13 | REV.<br>- | SHEET13 OF 14 |
|-----------------------|-----------|---------------|

**LEGEND**

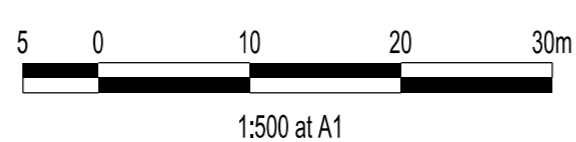
|  |                                                                    |
|--|--------------------------------------------------------------------|
|  | FOOTPATH                                                           |
|  | VEHICULAR CROSSOVER                                                |
|  | KERB AND CHANNEL                                                   |
|  | ELECTRICITY TELECOMMUNICATION } CONDUITS                           |
|  | GAS DRINKING WATER } CONDUITS                                      |
|  | ELECTRICITY MAIN                                                   |
|  | TELECOMMUNICATION MAIN                                             |
|  | GAS MAIN                                                           |
|  | DRINKING WATER MAIN                                                |
|  | NON DRINKING WATER MAIN                                            |
|  | SEWER MAIN, MANHOLE, MAINTENANCE SHAFT AND SEWER PROPERTY BRANCHES |
|  | PROPOSED DRAINAGE, PIT, HOUSE DRAIN AND PROPERTY INLET             |
|  | EXISTING DRAINAGE AND PIT AND FUTURE DRAINAGE AND PIT              |
|  | DRAINAGE PIT NUMBER                                                |
|  | PROPOSED CUT AREAS                                                 |
|  | PROPOSED FILL AREAS                                                |
|  | EXISTING SURFACE LEVEL                                             |
|  | DESIGN SURFACE LEVEL                                               |
|  | TOP OF BATTER LEVEL                                                |
|  | PRE-DEVELOPMENT LEVEL                                              |
|  | STREET NAME SIGN                                                   |
|  | LOT SLOPE DIRECTION                                                |
|  | PERMANENT SURVEY MARK                                              |
|  | TEMPORARY BENCH MARK                                               |
|  | CONCRETE SLEEPER RETAINING WALLS                                   |
|  | MASS ROCK RETAINING WALLS                                          |

**SIGNAGE SCHEDULE**

#1 NAME RD. STREET SIGN AS PER COUNCIL STD



|                                                       |      |             |        |                                                                                                                                                      |             |       |               |               |            |
|-------------------------------------------------------|------|-------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|---------------|---------------|------------|
| <b>VERSION DETAILS:</b>                               |      |             |        | DRAWN:                                                                                                                                               | ML          | DATE: | APRIL 2020    | SCALE:        | AS SHOWN   |
| REV                                                   | DATE | DESCRIPTION | STATUS | DESIGNED:                                                                                                                                            | ML          | DATE: | APRIL 2020    | DATE PRINTED: | 22/04/2020 |
|                                                       |      |             |        | AUTHORISED:                                                                                                                                          | TS          | DATE: | APRIL 2020    |               |            |
|                                                       |      |             |        | <p><b>CHARLTON DEGG</b><br/>LAND DEVELOPMENT CONSULTANTS</p> <p>SUITE 1, LEVEL 1, 84 MT ELIZA WAY, MT ELIZA VIC 3830<br/>www.charltondegg.com.au</p> |             |       |               |               |            |
|                                                       |      |             |        | COUNCIL:<br>CITY OF CASEY                                                                                                                            |             |       |               |               |            |
|                                                       |      |             |        | TITLE:<br>BROWN PROPERTY GROUP<br>MERIDIAN ESTATE- STAGE 9C<br>1850 THOMPSONS ROAD, CLYDE NORTH                                                      |             |       |               |               |            |
|                                                       |      |             |        | SIGNAGE AND LINEMARKING PLAN                                                                                                                         |             |       |               |               |            |
|                                                       |      |             |        | DRG NO.                                                                                                                                              | 1137_9C/R14 |       |               | REV.          | -          |
| FILENAME: P:113711137_9C/E12 - Design16 - DGNIR14.dgn |      |             |        |                                                                                                                                                      |             |       | SHEET 14OF 14 |               |            |



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