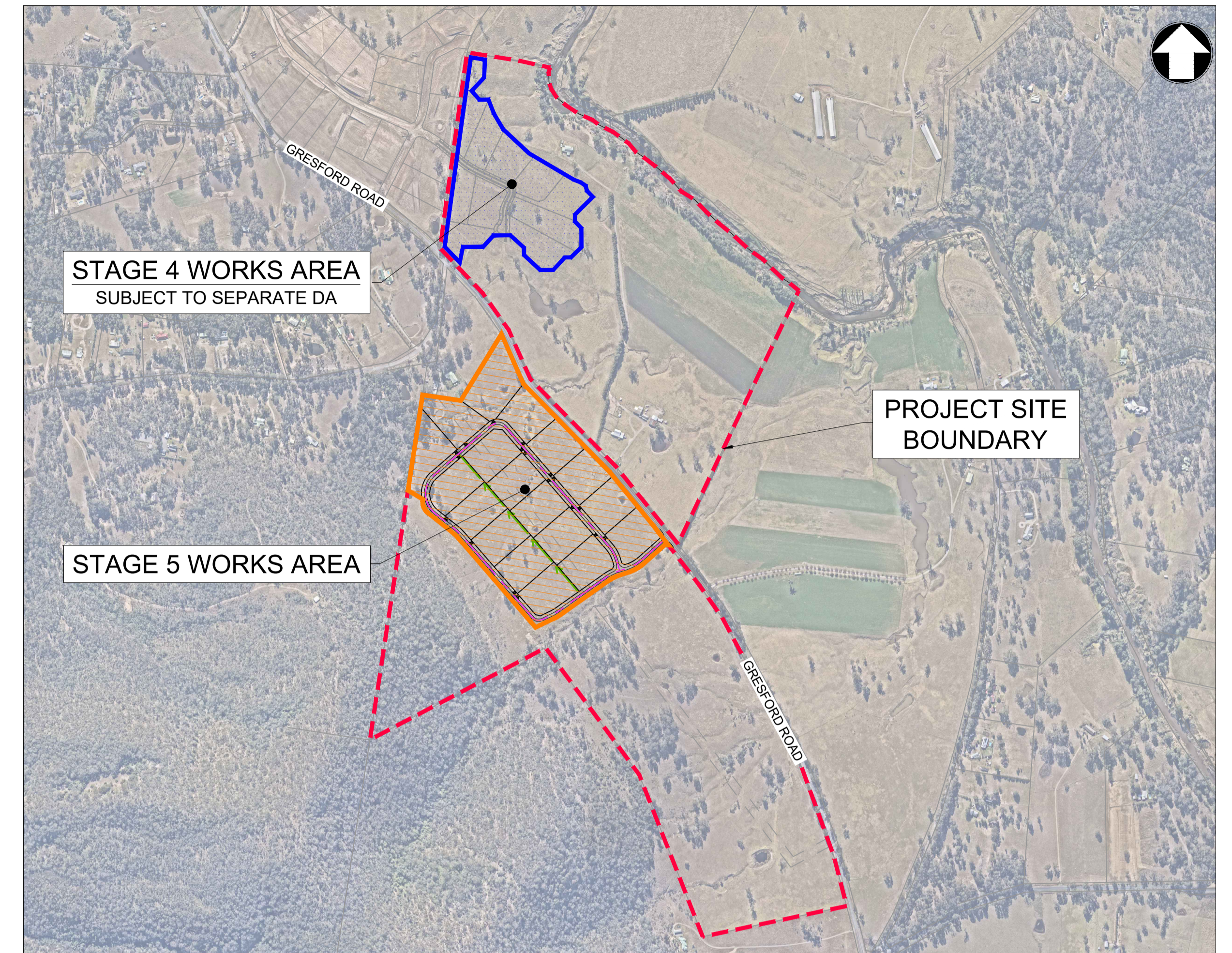




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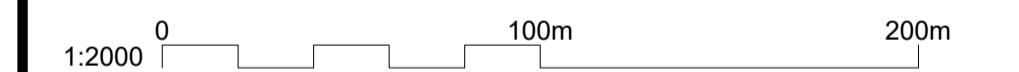
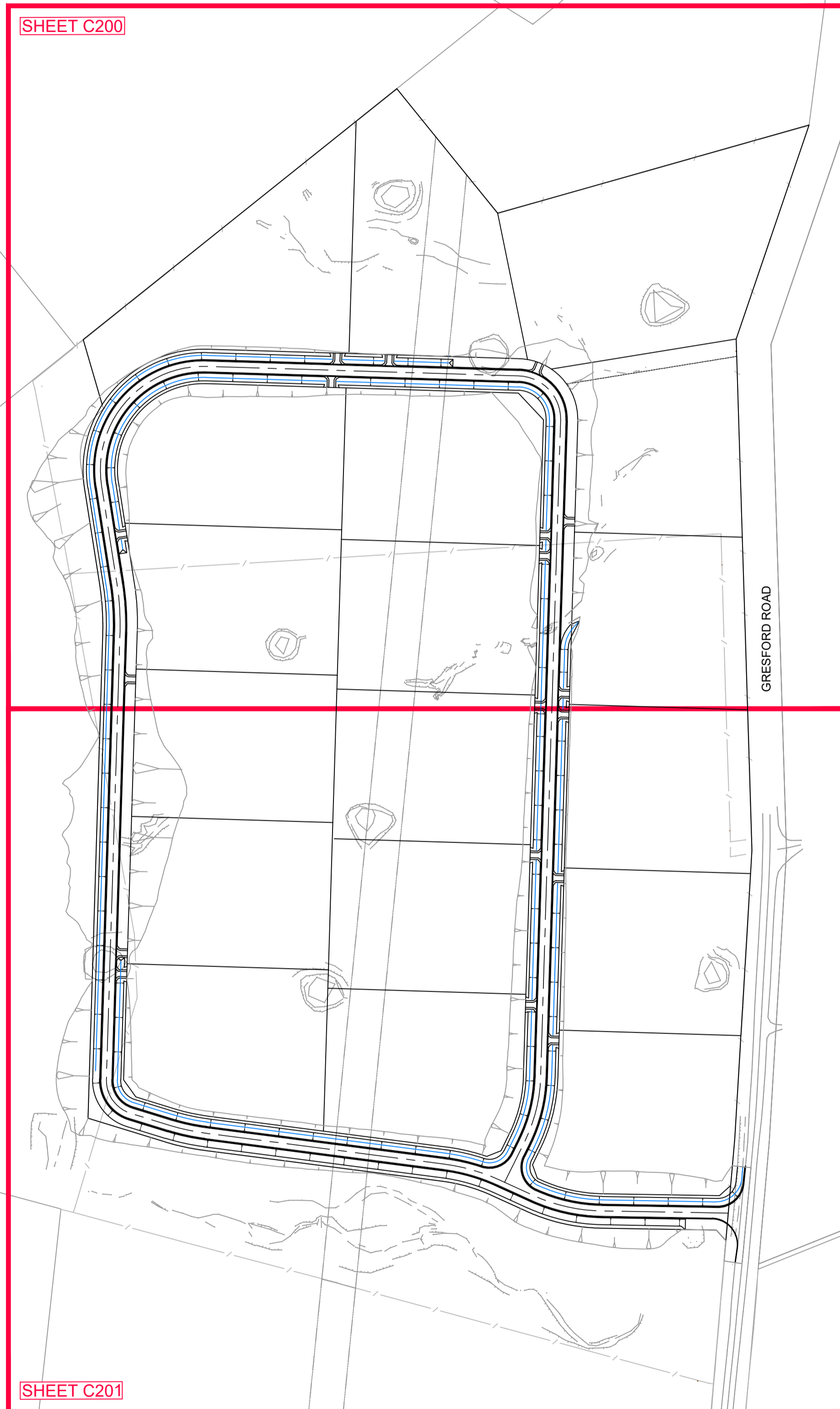
LOCALITY SKETCH
N.T.S

LOT 123 DP 1063557
VACY VILLAGE SOUTH - STAGE 5
598 GRESFORD ROAD
VACY
DA CIVIL DRAWINGS

ISSUED FOR DEVELOPMENT APPLICATION
FOR APPROVAL
24-107-DA-STG5-C010
25.03.2026

DRAWING LIST TABLE

| DRAWING NUMBER | DRAWING TITLE |
|----------------|---|
| C010 | COVER SHEET |
| C100 | GENERAL ARRANGEMENT PLAN |
| C105 | NOTES AND LEGENDS SHEET |
| C110 | SUBDIVISION PLAN |
| C120 | SEDIMENT AND EROSION CONTROL PLAN SHEET 1 |
| C121 | SEDIMENT AND EROSION CONTROL PLAN SHEET 2 |
| C125 | SEDIMENT AND EROSION CONTROL DETAILS |
| C130 | CUT AND FILL PLAN |
| C135 | SITE SECTIONS |
| C150 | ROAD ALIGNMENT CONTROL PLAN SHEET 1 |
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| C160 | ROAD LONGITUDINAL SECTIONS SHEET 1 |
| C161 | ROAD LONGITUDINAL SECTIONS SHEET 2 |
| C162 | ROAD LONGITUDINAL SECTIONS SHEET 3 |
| C170 | ROAD CROSS SECTIONS SHEET 1 |
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| C200 | SITWORKS AND STORMWATER MANAGEMENT PLAN SHEET 1 |
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| C510 | STORMWATER CATCHMENT PLAN |
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| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| C | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |


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PROJECT
 CORNISH GROUP
 VACY VILLAGE SOUTH STAGE 5
 589 GRESFORD ROAD
 LOT123 DP1063557

DRAWING TITLE
 GENERAL ARRANGEMENT PLAN

| | | | | | |
|-------------|---------------------|--------|----|------|----|
| SCALE | 1:2000 | STATUS | DA | SIZE | A1 |
| DRAWING NO. | 24-107-DA-STG5-C100 | REV | C | | |

GENERAL NOTES

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL REQUIREMENTS AND / OR AS DIRECTED BY THEIR REPRESENTATIVE;
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT COUNCIL SPECIFICATIONS AND OTHER CONSULTANT DRAWINGS. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK;
- THE CONTRACTOR SHALL NOT ENTER UPON NOR DO ANY WORK WITHIN ADJOINING PROPERTIES WITHOUT THE WRITTEN PERMISSION OF THE OWNERS OR THE RELEVANT AUTHORITY;
- NO TREES ARE TO BE REMOVED OTHER THAN THOSE NOTED ON PLAN WITHOUT FIRST OBTAINING WRITTEN PERMISSION FROM COUNCIL;
- TREES TO BE RETAINED ON SITE SHALL BE PROTECTED BY SUITABLE BARRIER FENCING OR APPROVED EQUIVALENT PRIOR TO THE COMMENCEMENT OF WORKS;
- INFRASTRUCTURE & DEVELOPMENT CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY SURVEY INFORMATION PROVIDED. ALL SURVEY INFORMATION SHOULD BE CONFIRMED BY A REGISTERED SURVEYOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES, OMISSIONS OR ERRORS SHALL BE REPORTED TO THE SUPERINTENDENT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK;
- SURVEY MARKS SHALL BE RETAINED AT ALL TIMES WHERE POSSIBLE. IF A SURVEY MARK IS TO BE REMOVED THE SUPERINTENDENT IS TO BE NOTIFIED AND THE CONTRACTOR IS TO FIRST OBTAIN CONSENT FROM THE DEPARTMENT OF LAND AND PROPERTY INFORMATION NSW PRIOR TO REMOVAL;
- THE CONTRACTOR IS TO ARRANGE FOR ALL SITE SET OUT AND CONTROL POINTS BY A REGISTERED SURVEYOR;
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE THE LINE AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS AND MAKE ARRANGEMENTS TO RELOCATE OR ADJUST IF NECESSARY. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT;
- THE CONTRACTOR SHALL OBTAIN ALL REGULATORY AUTHORITY APPROVALS AT THEIR OWN EXPENSE;
- THE CONTRACTOR SHALL MAINTAIN SERVICES AND ALL WEATHER ACCESS TO ADJOINING PROPERTIES AT ALL TIMES. IF REQUIRED THE CONTRACTOR SHALL PROVIDE TEMPORARY SERVICES TO MAINTAIN SUPPLY TO EXISTING BUILDINGS REMAINING IN OPERATION DURING THE WORKS. ONCE DIVERSION IS COMPLETE THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD. ALL WORKS TO BE TO THE SATISFACTION OF THE SUPERINTENDENT AND THE RELEVANT SERVICE AUTHORITY;
- CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES;
- ALL NEW WORKS TO MAKE SMOOTH TRANSITION WITH EXISTING CONDITIONS;
- THE CONTRACTOR SHALL UNDERTAKE ANY TEMPORARY TRAFFIC CONTROL MEASURES AS REQUIRED BY COUNCIL. ALL WORKS TO BE IN ACCORDANCE WITH COUNCIL'S TRAFFIC MANAGEMENT POLICY. ALL APPROPRIATE WARNINGS SIGNAGE TO BE DISPLAYED FOR THE DURATION OF THE WORKS;
- ALL WORKMANSHIP AND MATERIALS TO COMPLY WITH THE RELEVANT CURRENT AUSTRALIAN STANDARDS AND LOCAL STATUTORY AUTHORITY CODES;
- MEASUREMENTS ARE NOT TO BE SCALED FROM THE DRAWINGS;

EARTHWORKS NOTES

- ALL EARTHWORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS3798 (2007) - GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS;
- ALL WORK IS TO COMPLY WITH THE REQUIREMENTS OF THE PROJECT GEOTECHNICAL REPORT;
- ALL UNSUITABLE, SOFT OR WET MATERIALS ARE TO BE REMOVED AND REPLACED PRIOR TO FILLING;
- ALL FILL MATERIAL TO BE FROM A SOURCE APPROVED BY THE SUPERINTENDENT AND IS TO BE OF SOUND CLEAN MATERIAL, OF REASONABLE STANDARD AND FREE FROM LARGE ROCKS, STUMPS, ORGANIC MATTER AND OTHER DEBRIS. MAXIMUM PARTICLE SIZE 75mm. PLASTICITY INDEX BETWEEN 2% AND 15%;
- ALL FILL MATERIAL IS TO BE PLACED IN MAXIMUM 200mm LAYERS. COMPACTION OF EARTHWORKS AT OPTIMUM MOISTURE CONTENT (-1 TO +3%) SHALL CONTINUE UNTIL A DRY DENSITY RATIO OF 95% FOR LOT, LANDSCAPE AND NON-VEHICULAR PAVED AREAS, 100% FOR VEHICULAR AND ROAD PAVEMENT SUBGRADES, AND 96% BENEATH BUILDING SLABS ARE ACHIEVED IN ACCORDANCE WITH TEST METHOD AS1289 5.1.1;
- ALL EARTHWORKS TO TAKE PLACE UNDER LEVEL 1 GEOTECHNICAL SUPERVISION UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT OR THE CONDITIONS OF CONSENT. TESTING OF THE FILL MATERIAL SHALL BE CARRIED OUT BY AN APPROVED NATA REGISTERED LABORATORY;
- EARTHWORKS TO BE STAGED SO THAT THE WORKING SURFACE IS ADEQUATELY DRAINED DURING THE PERIOD OF CONSTRUCTION;
- IN AREAS OF FILL WHERE THE NATURAL SURFACE EXCEEDS 1(V):4(H) BENCHES ARE TO BE CUT TO PREVENT SLIPPING OF THE PLACED FILL MATERIAL AS REQUIRED BY THE SUPERINTENDENT;
- ALL BATTERS TO BE SCARIFIED TO ASSIST WITH ADHESION OF TOPSOIL TO BATTER FACE;
- THE CONTRACTOR IS TO CONTROL SEDIMENTATION, EROSION AND POLLUTION DURING EARTHWORKS IN ACCORDANCE WITH THE REQUIREMENTS OF "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION";

CONCRETE NOTES

- ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH AS 3600 (UNO);
 - CONCRETE MIX PARAMETERS
 - MAXIMUM AGGREGATE SIZE = 20mm
 - SLUMP = 80mm
 - ALL CONCRETE MUST BE CONSOLIDATED WITH MECHANICAL VIBRATORS
 - CONCRETE STRENGTH AS PER BELOW
- | CONCRETE STRENGTHS (CIVIL WORKS ONLY) | USE | STRENGTH GRADE (28 DAYS) | CEMENT TYPE TO AS 3972 |
|---------------------------------------|-----|--------------------------|------------------------|
| PITS | | F _c = 32MPa | SL |
| PAVEMENTS | | F _c = 32MPa | SL |
| KERBS | | F _c = 25MPa | SL |
| MASS CONCRETE | | F _c = 25MPa | GP |
- ALL REINFORCEMENT TO BE SUPPORTED IN ITS CORRECT POSITION DURING CONCRETING BY PLASTIC BAR CHAIRS. WIRE CHAIRS NOT PERMITTED. COVER MUST BE MAINTAINED AT ALL TIMES INCLUDING DRIP GROOVES. ENSURE TIE WIRES DO NOT PROTRUDE INTO THE COVER ZONE;
 - MINIMUM 40mm COVER TO REINFORCEMENT (UNO);
 - REINFORCEMENT AS SHOWN ON THESE PLANS IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY SHOWN IN THE TRUE PROJECTION OR SCALE;
 - ALL CONCRETE TO BE CURED AS FOLLOWS:
 - KEEP SURFACE CONTINUOUSLY WET FOR 3 DAYS;
 - PREVENT MOISTURE LOSS FOR THE NEXT 4 DAYS USING POLYTHENE SHEETING OR WET HESSIAN PROTECTED FROM WIND AND TRAFFIC, AND THEN ALLOW DRYING OUT;
 - CURING COMPOUNDS MAY BE USED PROVIDED THAT THEY APPLY WITH AS3799 AND DO NOT AFFECT FINISHES;
 - PVA BASED CURING COMPOUNDS MAY NOT BE USED.
 - REINFORCEMENT SYMBOLS AS FOLLOWS AS PER AS4671:

| | |
|---------|--|
| N | HOT ROLLED DEFORMED BAR, GRADE 500 |
| R | PLAIN ROUND BAR, GRADE 250 |
| SL / RL | HARD DRAWN WIRE FABRIC (SQUARE OR RECTANGULAR) |
 - MINIMUM ALLOWABLE BEARING CAPACITY UNDER ALL CONCRETE FOUNDATIONS TO BE 150 KPa (UNO). BEARING CAPACITY TO BE CONFIRMED ON SITE BY A GEOTECHNICAL ENGINEER PRIOR TO COMMENCEMENT OF WORKS

STORMWATER NOTES

- STORMWATER DRAINAGE DESIGN CRITERIA:
 - MINOR SYSTEM = 10yr ARI
 - MAJOR SYSTEM = 100yr ARI
- ALL STORMWATER PIPES Ø375 TO Ø600 SHALL BE CLASS 2 APPROVED SIGPOT AND SOCKET REINFORCED CONCRETE PIPES WITH RUBBER RING JOINT (UNO);
- ALL STORMWATER PIPES Ø675 OR LARGER SHALL BE CLASS 3 APPROVED SIGPOT AND SOCKET REINFORCED CONCRETE PIPES WITH RUBBER RING JOINT (UNO);
- ALL UPVC STORMWATER PIPES TO BE DWW CLASS GRADE SN8 IN ACCORDANCE WITH AS 1260 (UNO)
- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THAT THE STORMWATER PIPE CLASSES SUIT THEIR CONSTRUCTION EQUIPMENT AND METHODOLOGY AND TO CHECK ALL CONSTRUCTION LOADINGS ON THE PIPES. THE CONTRACTOR MUST ENSURE THAT THE MINIMUM COVER ABOVE EACH PIPE IS MAINTAINED AT ALL TIMES;
- ALL STORMWATER PIPES TO BE LAID AT A MINIMUM GRADE OF 1% (UNO);
- PIPE BEDDING TO BE TYPE H2 (UNO) FOR PIPES NOT UNDER PAVEMENTS AND TYPE HS2 FOR PIPES UNDER PAVEMENTS AS PER AS 3725. IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE (UNO). WHERE PIPE IS UNDER PAVEMENT BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1;
- ALL CONNECTIONS TO EXISTING DRAINAGE PITS TO BE MADE IN A TRADESMAN LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY TO BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH WITH NO PROTRUSIONS;
- ALL CAST-IN-SITU CONCRETE STORMWATER PITS TO BE MINIMUM 32MPa AT 28 DAYS (UNO);
- PRECAST CONCRETE PITS MAY BE USED IN LIEU OF CAST-IN-SITU PITS SUBJECT TO REVIEW AND APPROVAL BY THE SUPERINTENDENT;
- STORMWATER PITS DEEPER THAN 1m TO HAVE STEP IRONS INSTALLED IN ACCORDANCE WITH THE LOCAL OR STATUTORY AUTHORITY REQUIREMENTS;
- 3m LENGTH OF SUBSOIL DRAIN WRAPPED IN APPROVED FILTER SOCK TO BE PROVIDED AT THE INVERT OF EACH INCOMING UPSTREAM PIPE ON EACH PIT;
- DRAINAGE LINES ON PLAN ARE DIAGRAMMATIC ONLY AND PIPE CENTRELINES ARE TO ENTER AND EXIT PITS AT THE CENTRE OF THE RESPECTIVE PIT WALLS (UNO);
- THE BASE OF ALL STORMWATER PITS TO BE BENCHED TO FACILITATE THE SMOOTH FLOW OF WATER;
- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ADEQUATE SAFETY MEASURES SHALL BE PUT IN PLACE AT ALL TIMES DURING CONSTRUCTION TO MITIGATE THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS;


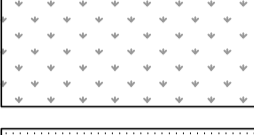
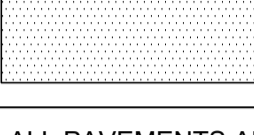
ASPHALTIC CONCRETE NOTES

- ASPHALTIC CONCRETE MIX DESIGN, MANUFACTURE, PLACING AND COMPACTION TO BE IN ACCORDANCE WITH:
 - THE REQUIREMENTS OF THE PROJECT GEOTECHNICAL REPORT; AND
 - COUNCIL'S RELEVANT CONSTRUCTION SPECIFICATION






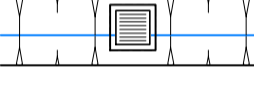
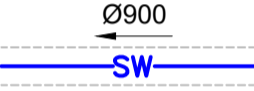
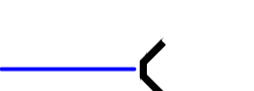
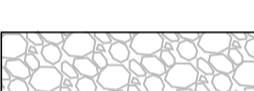
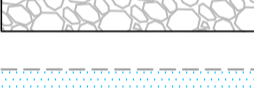
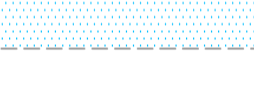


SIGNAGE AND LINEMARKING

- ALL SIGNPOSTING AND LINEMARKING TO BE PLACED IN ACCORDANCE WITH THE FOLLOWING GUIDELINES:
 - AS 1742.2 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES;
 - COUNCIL'S RELEVANT STANDARDS.
- LOCATIONS OF SIGNS SHOWN ON THESE PLANS ARE INDICATIVE ONLY. SIGNS TO BE SETOUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE GUIDELINES;
- ALL STREET SIGNS TO BE CHARCOAL POWDER COATED (UNO)

PAVEMENT LEGEND

-  ASPHALTIC CONCRETE PAVEMENT REFER TO DRAWING C150-C151. DETAILS TO BE CONFIRMED BY GEOTECHNICAL ENGINEER DURING DETAILED DESIGN PHASE
 -  PROPOSED LANDSCAPING IN ACCORDANCE WITH LANDSCAPE ARCHITECTS REQUIREMENTS
 -  LOT DRIVEWAY PAVEMENT IN ACCORDANCE WITH COUNCIL STANDARD DRAWING No. SD0015
- ALL PAVEMENTS ARE INDICATIVE ONLY AND ARE SUBJECT TO CONFIRMATION VIA ADDITIONAL GEOTECHNICAL INVESTIGATION, TESTING AND DESIGN DURING SUBSEQUENT DETAILED DESIGN PHASE

CIVIL WORKS LEGEND

-  CONSTRUCT TABLE DRAIN
-  CONSTRUCT BATTER
-  MAJOR CONTOUR
-  MINOR CONTOUR
-  STORMWATER DRAINAGE STRUCTURE / PIT NUMBER. REFER SCHEDULE
-  SURFACE INLET PIT IN ACCORDANCE WITH DETAIL ON DRAWING C400
-  PROPOSED STORMWATER DRAINAGE LINE WITH PIPE SIZE
-  PROPOSED HEADWALL OUTLET
-  PROVIDE OUTLET SCOUR PROTECTION. REFER DETAILS
-  EXISTING 20m WIDE TRANSMISSION EASEMENT
-  OVERLAND FLOW PATH
-  GRASS LINED V-DRAIN. REFER DETAIL ON DRAWING C400
-  PROPOSED STACKED ROCK HEADWALL AND SCOUR PROTECTION OUTLET

| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
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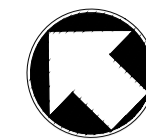
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PROJECT
**CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT 123 DP1063557**

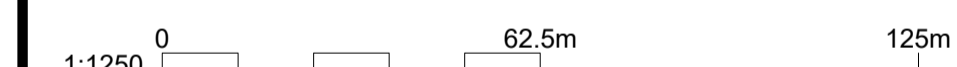
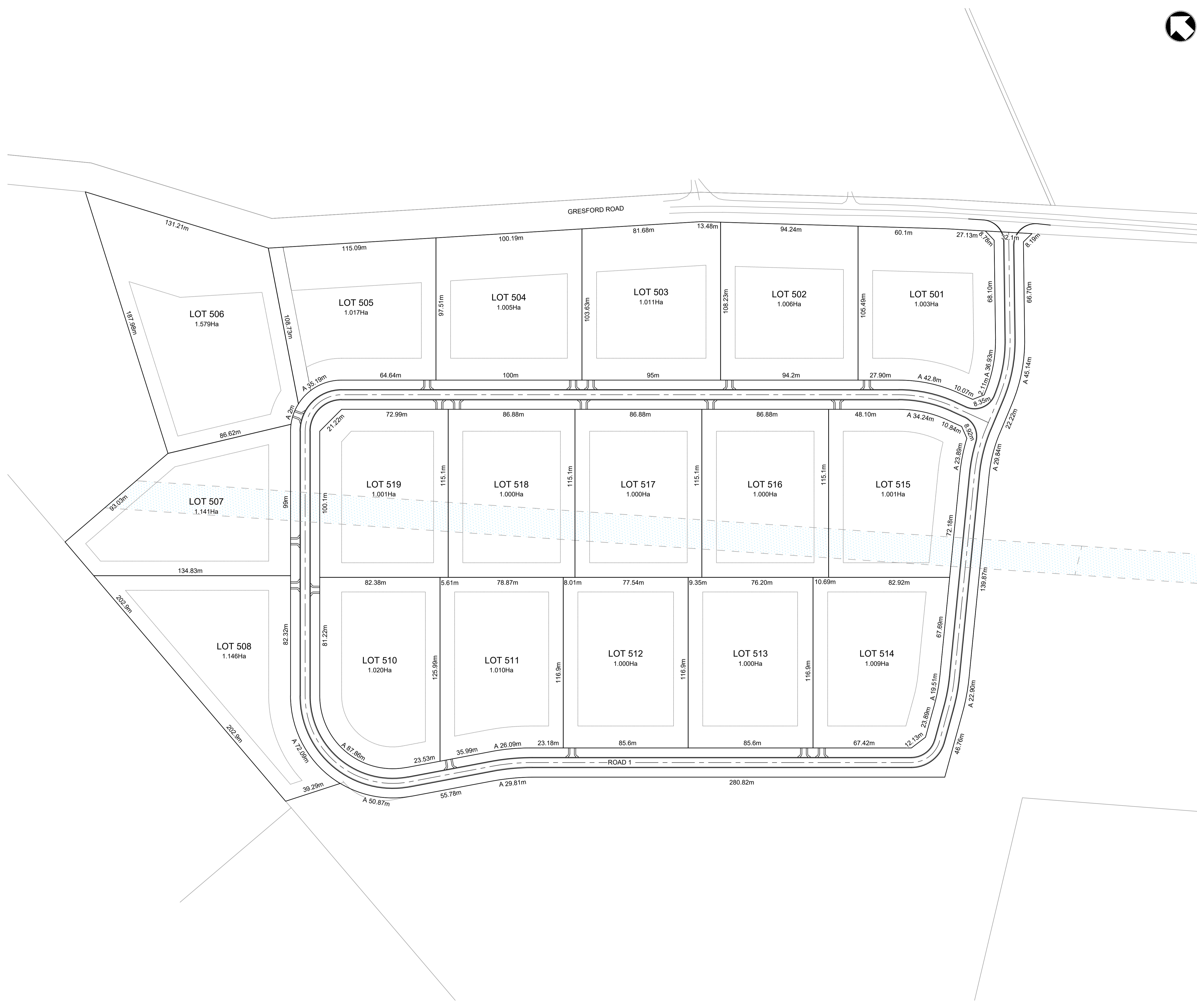
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NOTES AND LEGENDS SHEET

| SCALE | STATUS | SIZE |
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| | DA | A1 |
| DRAWING NO. 24-107-DA-STG5-C105 | | REV C |



LEGEND

EXISTING 20m WIDE TRANSMISSION EASEMENT



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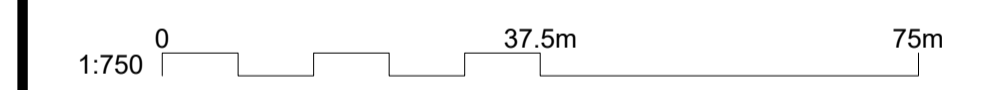
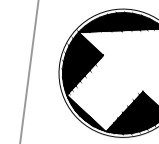
PROJECT
**CORNISH GROUP
 VACY VILLAGE SOUTH STAGE 5
 589 GRESFORD ROAD
 LOT123 DP1063557**

DRAWING TITLE
SUBDIVISION PLAN

| | | |
|------------------------------------|--------------|------------|
| SCALE 1:1250 | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C110 | REV C | |

SEDIMENT CONTROL NOTES

1. THIS PLAN PRESENTS AN INDICATIVE SOIL AND EROSION MANAGEMENT STRATEGY AND IS OF A CONCEPTUAL NATURE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT AND MANAGEMENT OF THE SITE AND PREPARING A DETAILED PLAN AND OBTAINING APPROVAL FROM THE RELEVANT AUTHORITY PRIOR TO THE COMMENCEMENT OF ANY WORKS;
2. THIS PLAN IS TO BE READ IN CONJUNCTION WITH BOTH THE RELEVANT ENGINEERING PLANS AND THE GUIDELINES SET OUT IN "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION" (ALSO KNOWN AS THE "BLUE BOOK");
3. ALL BUILDERS AND SUB-CONTRACTORS SHALL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS;
4. VEHICULAR TRAFFIC SHALL BE CONTROLLED DURING CONSTRUCTION WORKS WITH ACCESS CONFINED TO THE NOMINATED SITE ENTRANCE AS SHOWN ON THIS PLAN OR A LOCATION DETERMINED BY THE SUPERINTENDENT. AREAS TO BE LEFT UNDISTURBED SHALL BE MARKED OFF;
5. PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS THE SITE IS TO BE INSPECTED TO IDENTIFY AND APPROPRIATELY MARK:
 - a) THE TREES TO BE REMOVED;
 - b) THE TREES TO BE RETAINED AND APPROPRIATELY PROTECTED
6. ALL DISTURBED AREAS SHALL BE REVEGETATED WITHIN 14 WORKING DAYS OF COMPLETION OF FORMATION;
7. NO TREES ARE TO BE REMOVED WITHOUT WRITTEN PERMISSION FROM COUNCIL;
8. MANAGEMENT DEVICES TO BE MAINTAINED ON A REGULAR BASIS. WHERE CLEANING IS REQUIRED THE SEDIMENT SHALL BE REMOVED TO AN APPROPRIATE LOCATION AS NOMINATED BY THE SUPERINTENDENT;
9. DUST TO BE MINIMISED BY SPRINKLING LARGE DISTURBED AREAS WITH WATER WHEN REQUIRED
10. MANAGEMENT DEVICES TO REMAIN IN PLACE UNTIL THE COMPLETION OF THE MAINTENANCE PERIOD.



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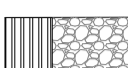

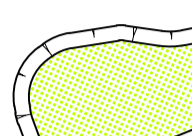


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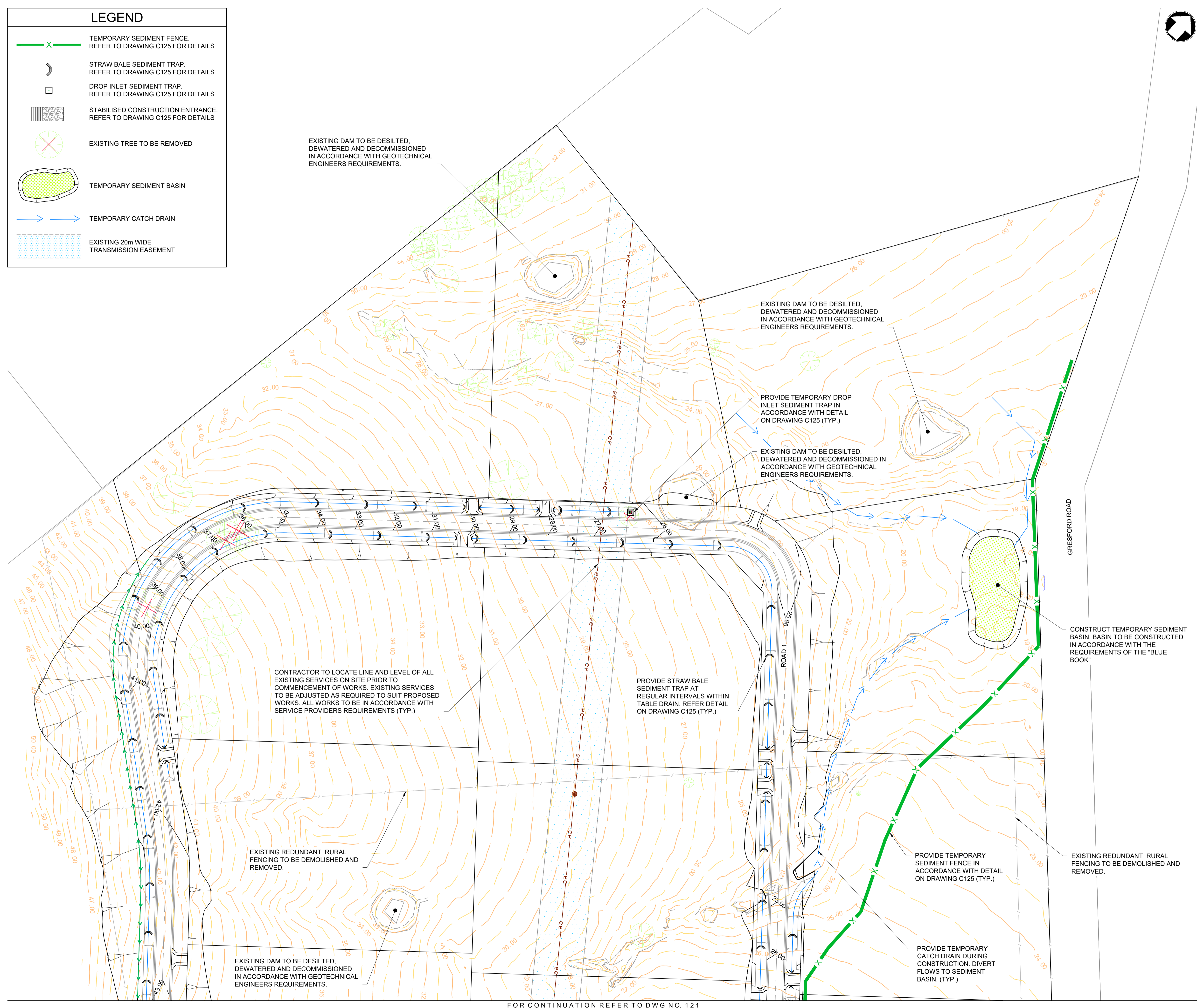
PROJECT
**CORNISH GROUP
 VACY VILLAGE SOUTH STAGE 5
 589 GRESFROD ROAD
 LOT 123 DP1063557**

DRAWING TITLE
**SEDIMENT AND EROSION
 CONTROL PLAN SHEET 1**

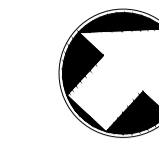
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| SCALE | 1:750 | STATUS | DA | SIZE | A1 |
| DRAWING NO. | 24-107-DA-STG5-C120 | REV | | | C |

LEGEND

-  TEMPORARY SEDIMENT FENCE. REFER TO DRAWING C125 FOR DETAILS
-  STRAW BALE SEDIMENT TRAP. REFER TO DRAWING C125 FOR DETAILS
-  DROP INLET SEDIMENT TRAP. REFER TO DRAWING C125 FOR DETAILS
-  STABILISED CONSTRUCTION ENTRANCE. REFER TO DRAWING C125 FOR DETAILS
-  EXISTING TREE TO BE REMOVED
-  TEMPORARY SEDIMENT BASIN
-  TEMPORARY CATCH DRAIN
-  EXISTING 20m WIDE TRANSMISSION EASEMENT



FOR CONTINUATION REFER TO DWG NO. 121



CONTRACTOR TO LOCATE LINE AND LEVEL OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS. EXISTING SERVICES TO BE ADJUSTED AS REQUIRED TO SUIT PROPOSED WORKS. ALL WORKS TO BE IN ACCORDANCE WITH SERVICE PROVIDERS REQUIREMENTS (TYP.)

EXISTING DAM TO BE DESILTED, DEWATERED AND DECOMMISSIONED IN ACCORDANCE WITH GEOTECHNICAL ENGINEERS REQUIREMENTS.

EXISTING DAM TO BE DESILTED, DEWATERED AND DECOMMISSIONED IN ACCORDANCE WITH GEOTECHNICAL ENGINEERS REQUIREMENTS.

EXISTING DAM TO BE DESILTED, DEWATERED AND DECOMMISSIONED IN ACCORDANCE WITH GEOTECHNICAL ENGINEERS REQUIREMENTS.

EXISTING DAM TO BE DESILTED, DEWATERED AND DECOMMISSIONED IN ACCORDANCE WITH GEOTECHNICAL ENGINEERS REQUIREMENTS.

EXISTING REDUNDANT RURAL FENCING TO BE DEMOLISHED AND REMOVED.

INDICATIVE LOCATION OF TEMPORARY STOCKPILE DURING EARTHWORKS PHASE. FINAL LOCATION TO BE CONFIRMED BY SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS

EXISTING REDUNDANT RURAL FENCING TO BE DEMOLISHED AND REMOVED.

PROVIDE TEMPORARY SEDIMENT FENCE IN ACCORDANCE WITH DETAIL ON DRAWING C125 (TYP.)

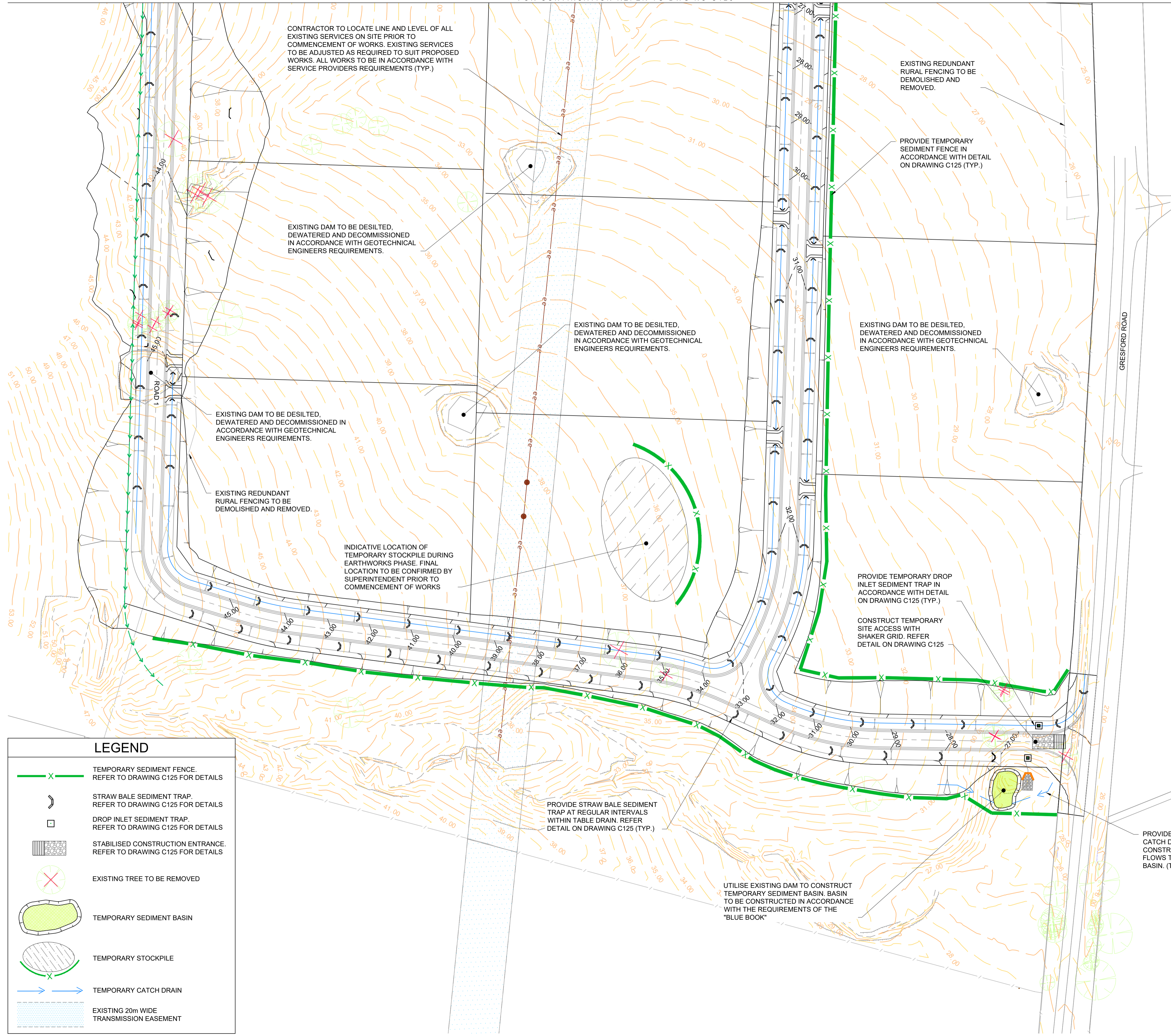
PROVIDE TEMPORARY DROP INLET SEDIMENT TRAP IN ACCORDANCE WITH DETAIL ON DRAWING C125 (TYP.)

CONSTRUCT TEMPORARY SITE ACCESS WITH SHAKER GRID. REFER DETAIL ON DRAWING C125

PROVIDE STRAW BALE SEDIMENT TRAP AT REGULAR INTERVALS WITHIN TABLE DRAIN. REFER DETAIL ON DRAWING C125 (TYP.)

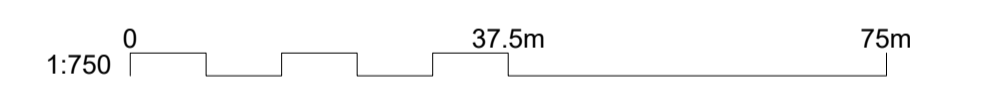
UTILISE EXISTING DAM TO CONSTRUCT TEMPORARY SEDIMENT BASIN. BASIN TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE "BLUE BOOK"

PROVIDE TEMPORARY CATCH DRAIN DURING CONSTRUCTION. DIVERT FLOWS TO SEDIMENT BASIN. (TYP.)



SEDIMENT CONTROL NOTES

1. THIS PLAN PRESENTS AN INDICATIVE SOIL AND EROSION MANAGEMENT STRATEGY AND IS OF A CONCEPTUAL NATURE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT AND MANAGEMENT OF THE SITE AND PREPARING A DETAILED PLAN AND OBTAINING APPROVAL FROM THE RELEVANT AUTHORITY PRIOR TO THE COMMENCEMENT OF ANY WORKS;
2. THIS PLAN IS TO BE READ IN CONJUNCTION WITH BOTH THE RELEVANT ENGINEERING PLANS AND THE GUIDELINES SET OUT IN "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION" (ALSO KNOWN AS THE "BLUE BOOK");
3. ALL BUILDERS AND SUB-CONTRACTORS SHALL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS;
4. VEHICULAR TRAFFIC SHALL BE CONTROLLED DURING CONSTRUCTION WORKS WITH ACCESS CONFINED TO THE NOMINATED SITE ENTRANCE AS SHOWN ON THIS PLAN OR A LOCATION DETERMINED BY THE SUPERINTENDENT. AREAS TO BE LEFT UNDISTURBED SHALL BE MARKED OFF;
5. PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS THE SITE IS TO BE INSPECTED TO IDENTIFY AND APPROPRIATELY MARK:
 - a) THE TREES TO BE REMOVED;
 - b) THE TREES TO BE RETAINED AND APPROPRIATELY PROTECTED
6. ALL DISTURBED AREAS SHALL BE REVEGETATED WITHIN 14 WORKING DAYS OF COMPLETION OF FORMATION;
7. NO TREES ARE TO BE REMOVED WITHOUT WRITTEN PERMISSION FROM COUNCIL;
8. MANAGEMENT DEVICES TO BE MAINTAINED ON A REGULAR BASIS. WHERE CLEANING IS REQUIRED THE SEDIMENT SHALL BE REMOVED TO AN APPROPRIATE LOCATION AS NOMINATED BY THE SUPERINTENDENT;
9. DUST TO BE MINIMISED BY SPRINKLING LARGE DISTURBED AREAS WITH WATER WHEN REQUIRED
10. MANAGEMENT DEVICES TO REMAIN IN PLACE UNTIL THE COMPLETION OF THE MAINTENANCE PERIOD.



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| C | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |

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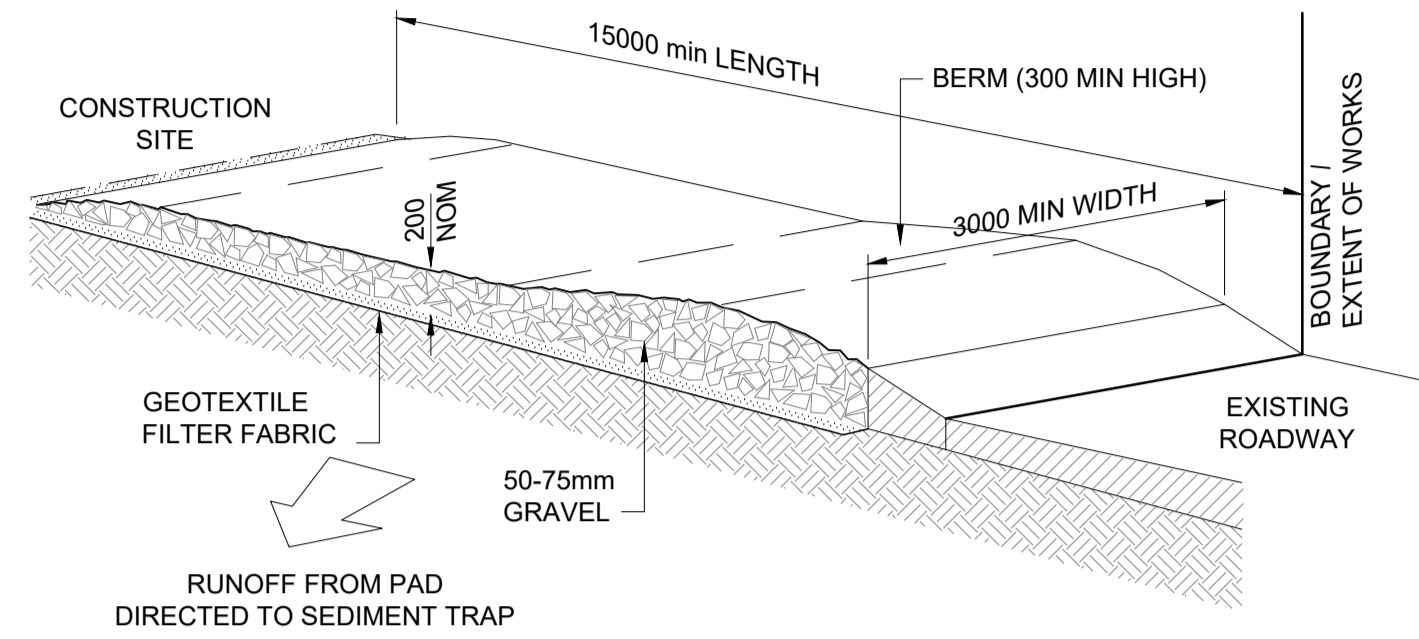
PROJECT
**CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT 123 DP1063557**

DRAWING TITLE
**SEDIMENT AND EROSION
CONTROL PLAN SHEET 2**

| | | |
|---|---------------------|-------------------|
| SCALE 1:750 | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C121 | REV C | |

LEGEND

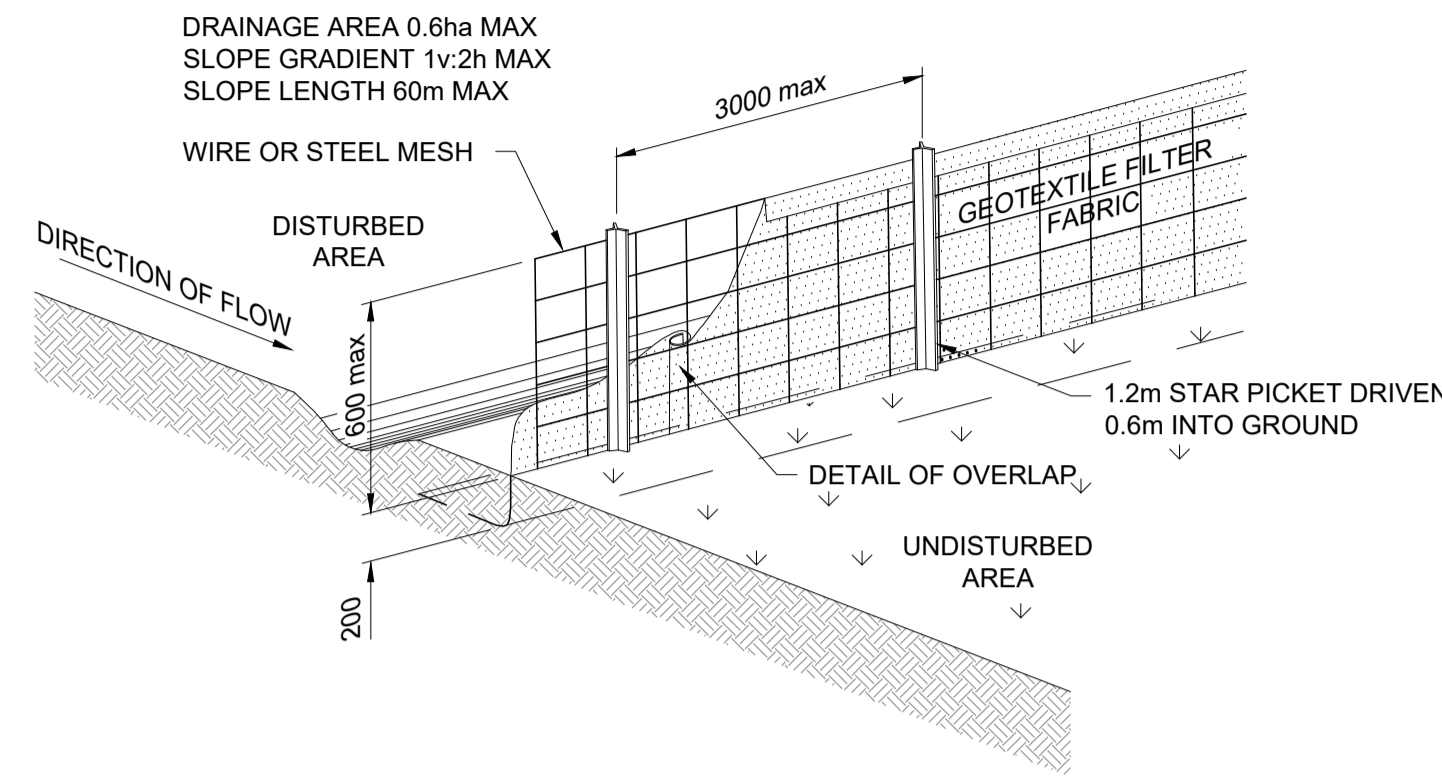
- TEMPORARY SEDIMENT FENCE. REFER TO DRAWING C125 FOR DETAILS
- STRAW BALE SEDIMENT TRAP. REFER TO DRAWING C125 FOR DETAILS
- DROP INLET SEDIMENT TRAP. REFER TO DRAWING C125 FOR DETAILS
- STABILISED CONSTRUCTION ENTRANCE. REFER TO DRAWING C125 FOR DETAILS
- EXISTING TREE TO BE REMOVED
- TEMPORARY SEDIMENT BASIN
- TEMPORARY STOCKPILE
- TEMPORARY CATCH DRAIN
- EXISTING 20m WIDE TRANSMISSION EASEMENT



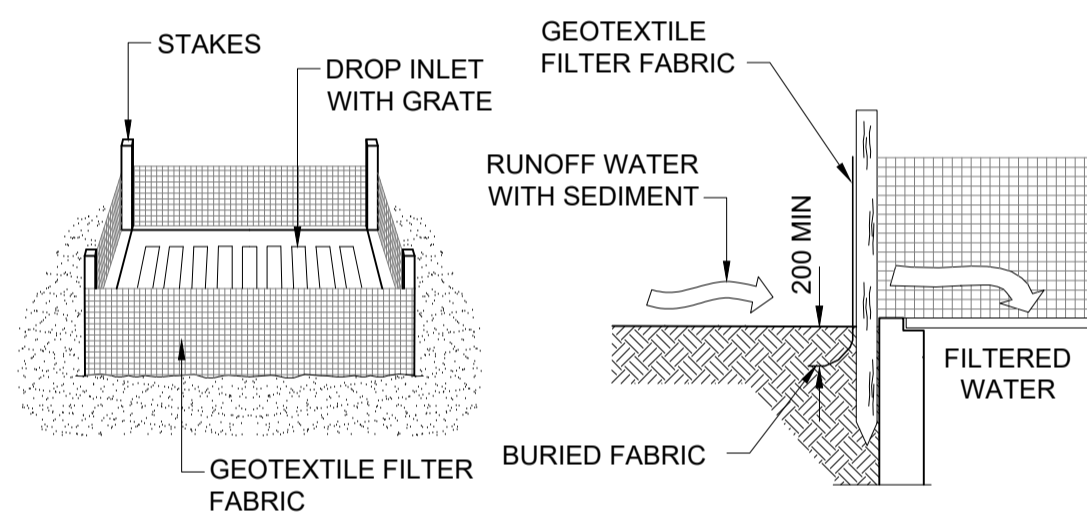
TEMPORARY SITE ENTRANCE
NTS

MAINTENANCE

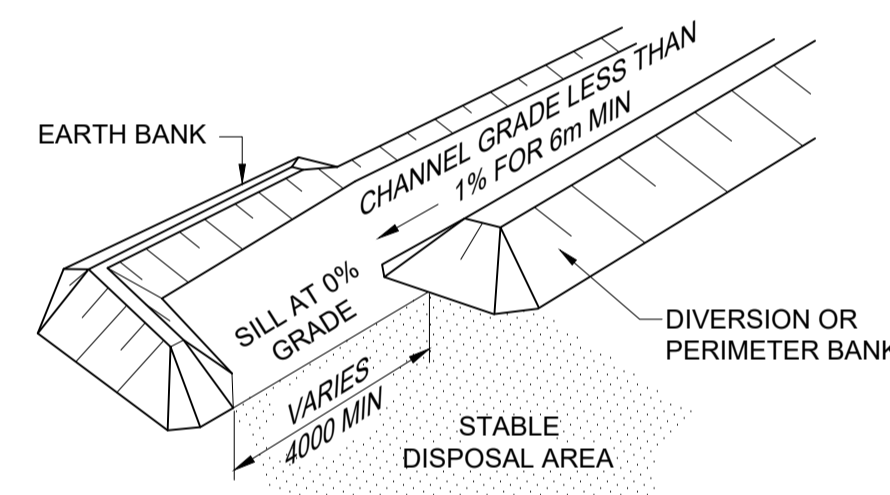
- THE TEMPORARY ACCESS SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY.
- THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY.



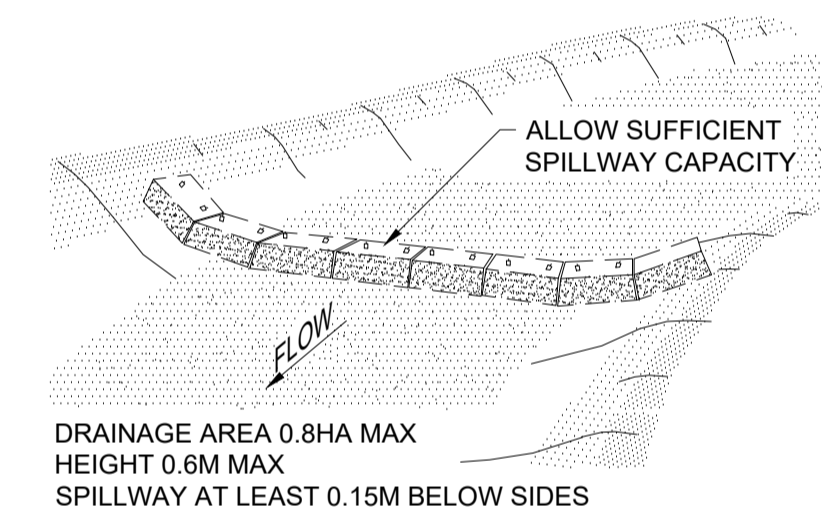
SEDIMENT FENCE (GEOTEXTILE FILTER FABRIC)
NTS



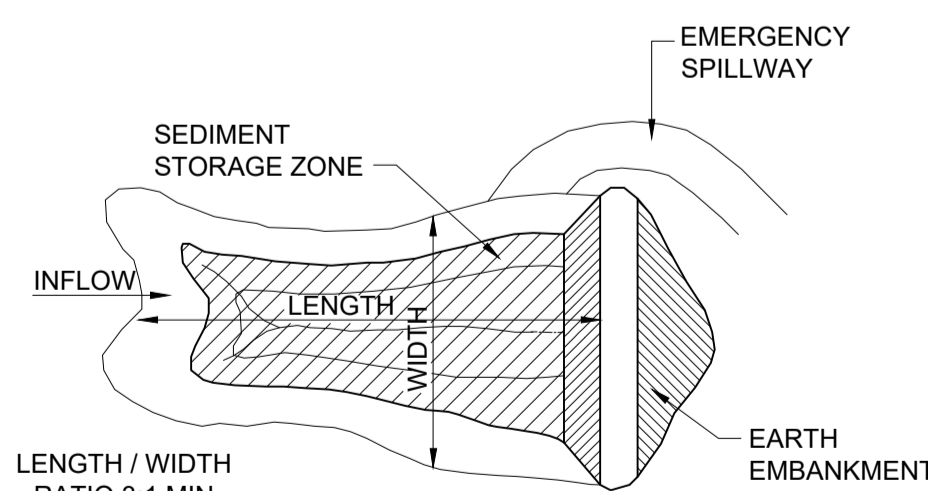
SEDIMENT TRAP FOR DROP INLET (GEOTEXTILE FILTER FABRIC)
NTS



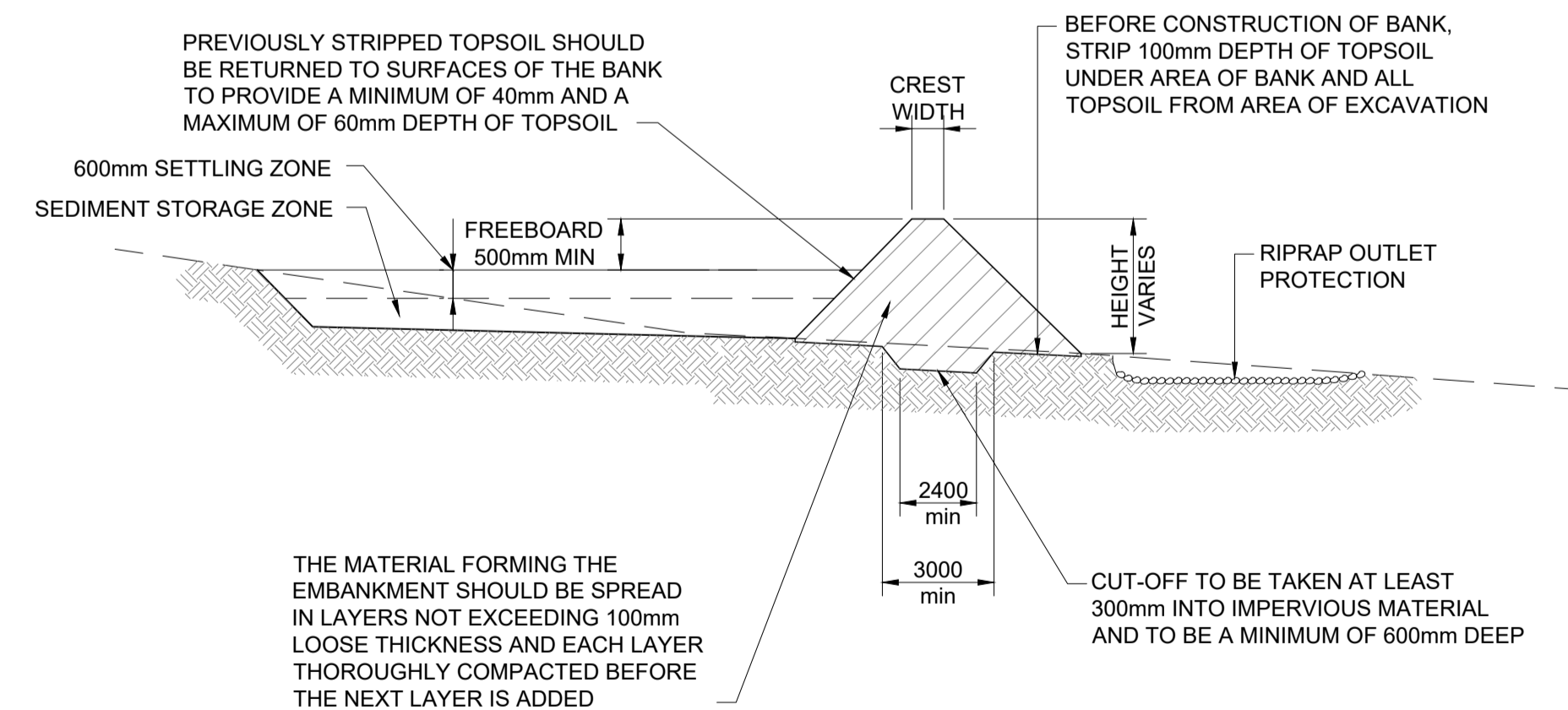
LEVEL SPREADER (OR SILL)
NTS



CHECK DAM - STRAW BALE
NTS



SEDIMENT BASIN (TYPICAL) PLAN - TYPE D AND F SOILS
NTS



SEDIMENT BASIN (TYPICAL) CROSS SECTION - TYPE D AND F SOILS
NTS

NOT TO SCALE

| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
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PROJECT
**CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT 123 DP1063557**

DRAWING TITLE
**SEDIMENT AND EROSION
CONTROL DETAILS**

| SCALE | STATUS | SIZE |
|---|--------|----------|
| NTS | DA | A1 |
| DRAWING NO. 24-107-DA-STG5-C125 | REV | C |



DEPTH RANGE LEGEND

| | | | |
|--|------------------|--|----------------|
| | -4.00m to -3.50m | | 0.00m to 0.50m |
| | -3.50m to -3.00m | | 0.50m to 1.00m |
| | -3.00m to -2.50m | | 1.00m to 1.50m |
| | -2.50m to -2.00m | | 1.50m to 2.00m |
| | -2.00m to -1.50m | | 2.00m to 2.50m |
| | -1.50m to -1.00m | | 2.50m to 3.00m |
| | -1.00m to -0.50m | | 3.00m to 3.50m |
| | -0.50m to 0.00m | | 3.50m to 4.00m |
| | | | 4.00m to 4.50m |
| | | | 4.50m to 5.00m |
| | | | 5.00m to 5.50m |
| | | | 5.50m to 6.00m |

CUT AND FILL VOLUMES

APPROXIMATE VOLUMES

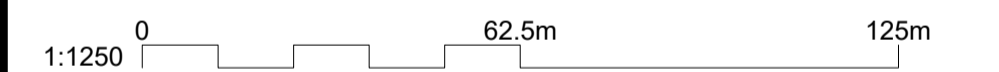
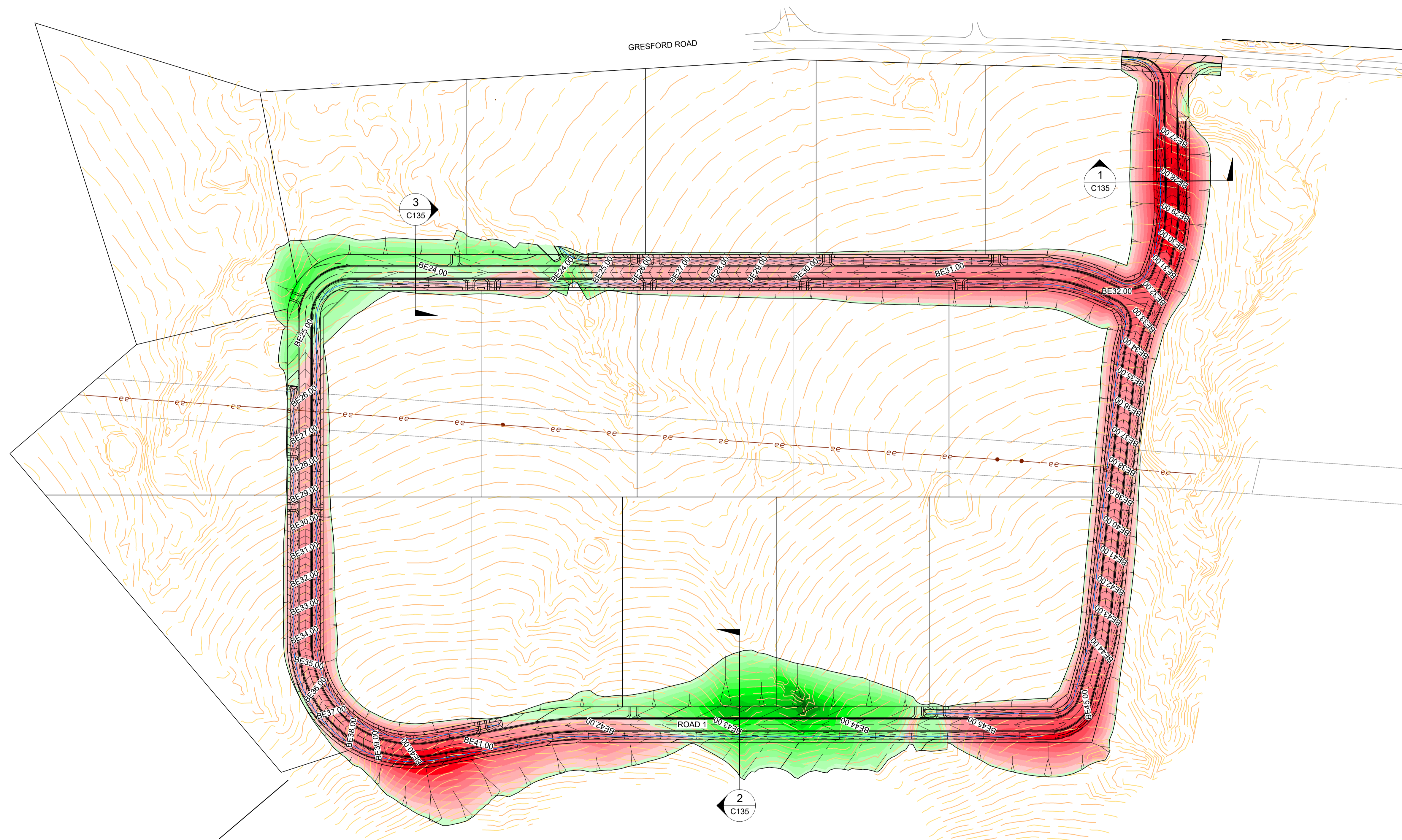
TOTAL CUT = -44,385 m³
 TOTAL FILL = +21,856 m³
 BALANCE = -22,529 m³

CUT AND FILL NOTES

ESTIMATED VOLUMES BETWEEN EXISTING SURVEY AND DESIGN SURFACE LEVELS. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL VOLUMES PRIOR TO CONSTRUCTION.

THE CUT / FILL CALCULATIONS HAVE BEEN BASED ON THE FOLLOWING ASSUMPTIONS:

- ASSUMED 200mm TOPSOIL STRIP FROM EXISTING;
- ASSUMED ROAD PAVEMENT DEPTH OF 600mm;
- ASSUMED 200mm DEPTH FOR FOOTPATHS AND VERGE;
- NO ALLOWANCE FOR REMOVAL OF EXISTING BUILDING AND ROAD PAVEMENTS
- VOLUMES WITHIN STORMWATER / SERVICE TRENCHES HAS NOT BEEN CALCULATED
- NO BULKING FACTORS HAVE BEEN APPLIED




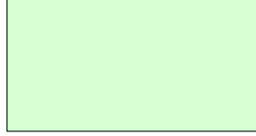
| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
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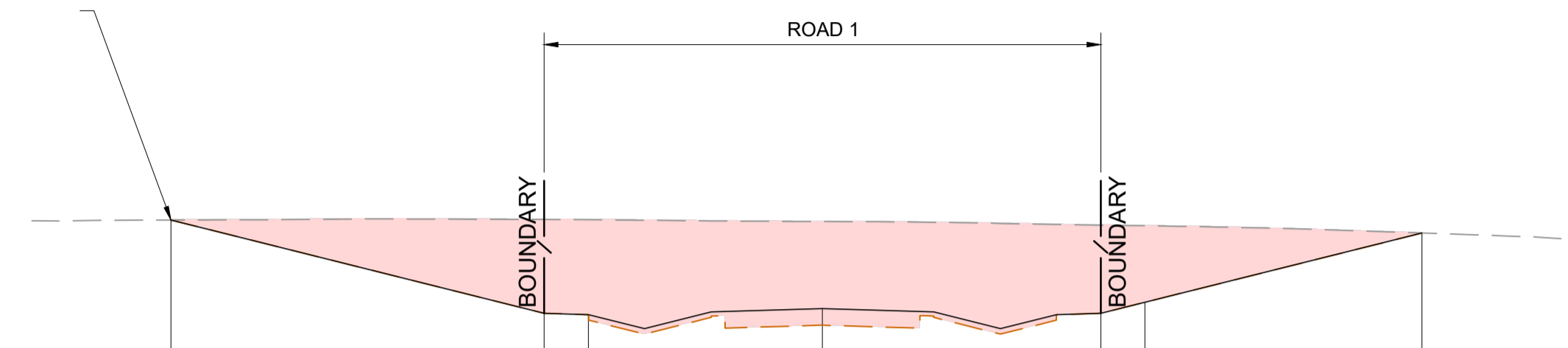
PROJECT
**CORNISH GROUP
 VACY VILLAGE SOUTH STAGE 5
 589 GRESFORD ROAD
 LOT123 DP1063557**

DRAWING TITLE
CUT AND FILL PLAN

| | | |
|------------------------------------|--------------|------------|
| SCALE 1:1250 | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C130 | REV C | |

| LEGEND | |
|---|---------------------|
|  | PROPOSED CUT AREAS |
|  | PROPOSED FILL AREAS |

MATCH TO EXISTING LEVEL AND MAKE SMOOTH TRANSITION (TYP)

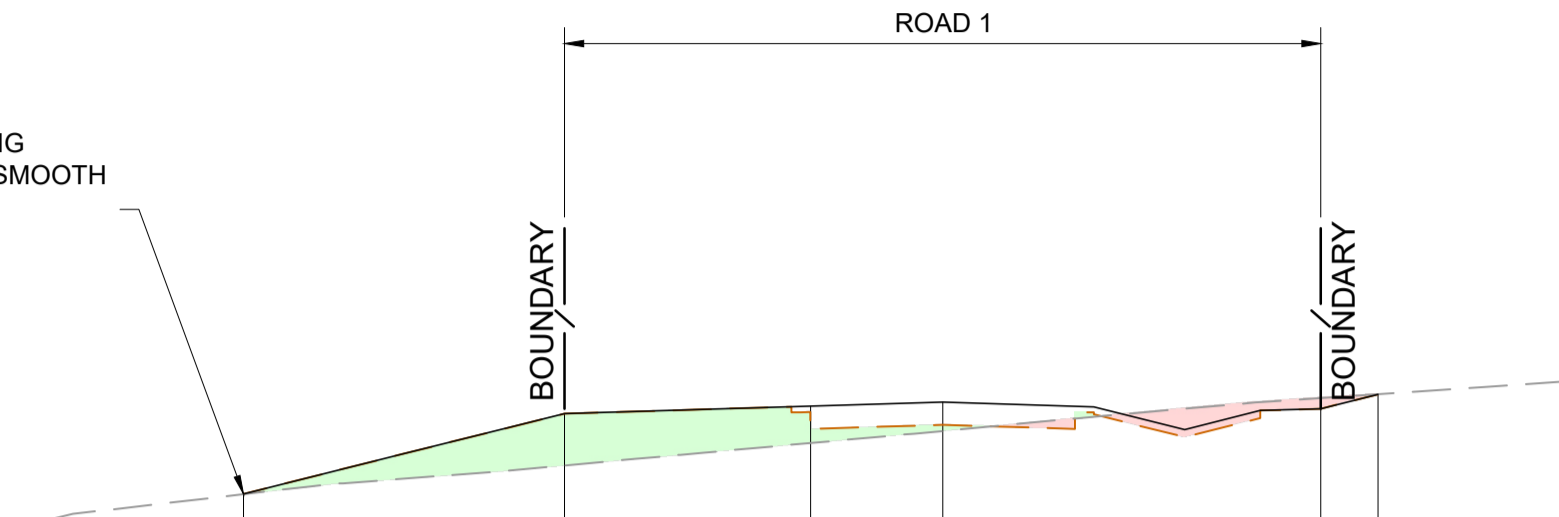


Datum 25.000

| DESIGN LEVEL | 31.900 | 28.547 | 28.499 | 28.719 | 28.547 | 28.944 | 31.432 |
|----------------|--------|--------|--------|--------|--------|--------|--------|
| BULK LEVEL | 31.900 | 28.547 | 28.499 | 28.119 | 28.547 | 28.944 | 31.432 |
| EXISTING LEVEL | 31.870 | 31.900 | 31.919 | 31.908 | 31.847 | 31.714 | 31.694 |
| CHAINAGE | 0.000 | 5.000 | 18.411 | 20.000 | 28.411 | 38.411 | 40.000 |
| | | | | | | | 49.950 |
| | | | | | | | 54.950 |

SECTION 1
1:200 C130

MATCH TO EXISTING LEVEL AND MAKE SMOOTH TRANSITION (TYP)

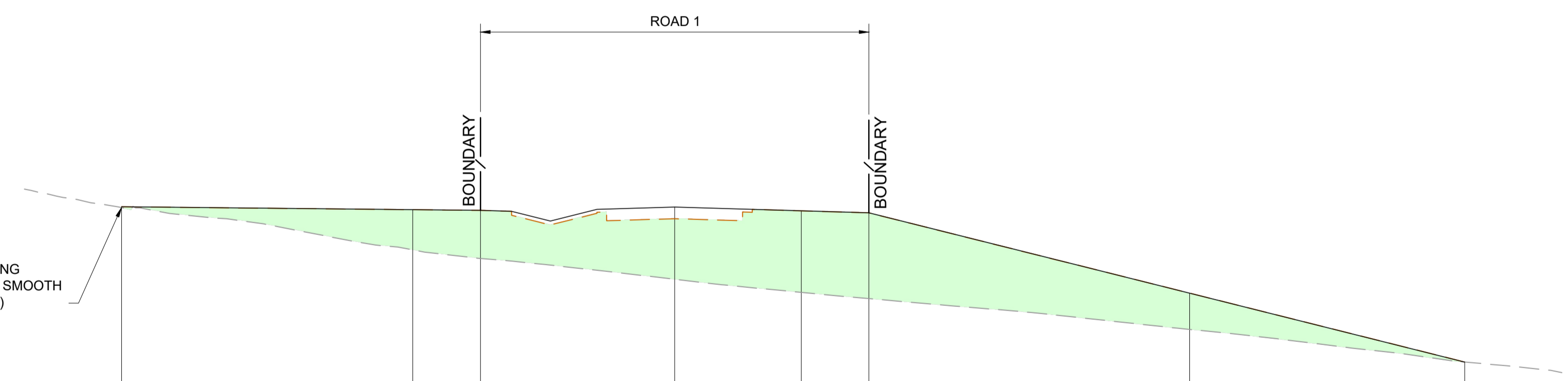


Datum 20.000

| DESIGN LEVEL | 22.330 | 24.453 | 24.648 | 24.753 | 24.581 | 24.960 | |
|----------------|--------|--------|--------|--------|--------|--------|--------|
| BULK LEVEL | 22.330 | 24.453 | 24.048 | 24.153 | 24.581 | 24.960 | |
| EXISTING LEVEL | 21.680 | 22.324 | 23.083 | 23.674 | 24.861 | 24.963 | |
| CHAINAGE | 0.000 | 5.000 | 13.494 | 20.000 | 33.494 | 35.008 | |
| | | | | | | | 40.000 |
| | | | | | | | 49.000 |
| | | | | | | | 55.306 |

SECTION 3
1:200 C130

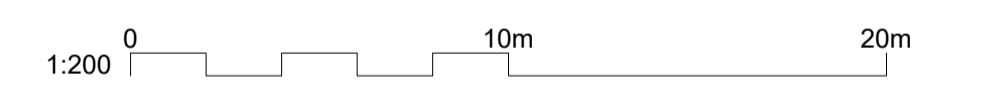
MATCH TO EXISTING LEVEL AND MAKE SMOOTH TRANSITION (TYP)



Datum 33.000

| DESIGN LEVEL | 43.721 | 43.571 | 43.536 | 43.708 | 43.513 | 43.408 | 35.737 |
|----------------|--------|--------|--------|--------|--------|--------|--------|
| BULK LEVEL | 43.721 | 43.571 | 43.536 | 43.108 | 43.513 | 43.408 | 35.737 |
| EXISTING LEVEL | 44.828 | 43.980 | 41.506 | 41.063 | 39.994 | 39.519 | 38.999 |
| CHAINAGE | 0.000 | 5.000 | 20.000 | 23.482 | 33.482 | 40.000 | 43.482 |
| | | | | | | | 60.000 |
| | | | | | | | 74.167 |
| | | | | | | | 79.167 |

SECTION 2
1:200 C130



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| B | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
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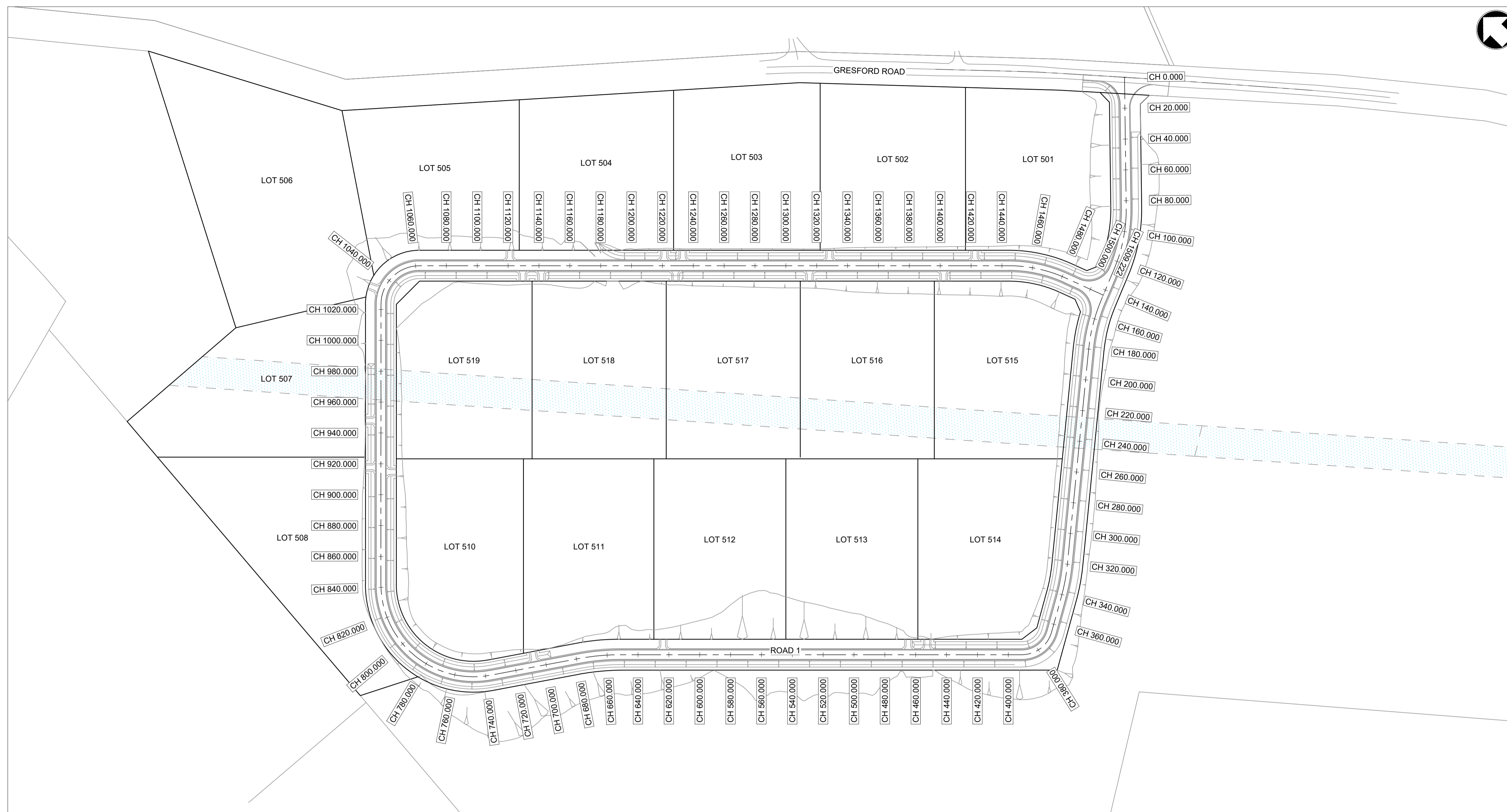


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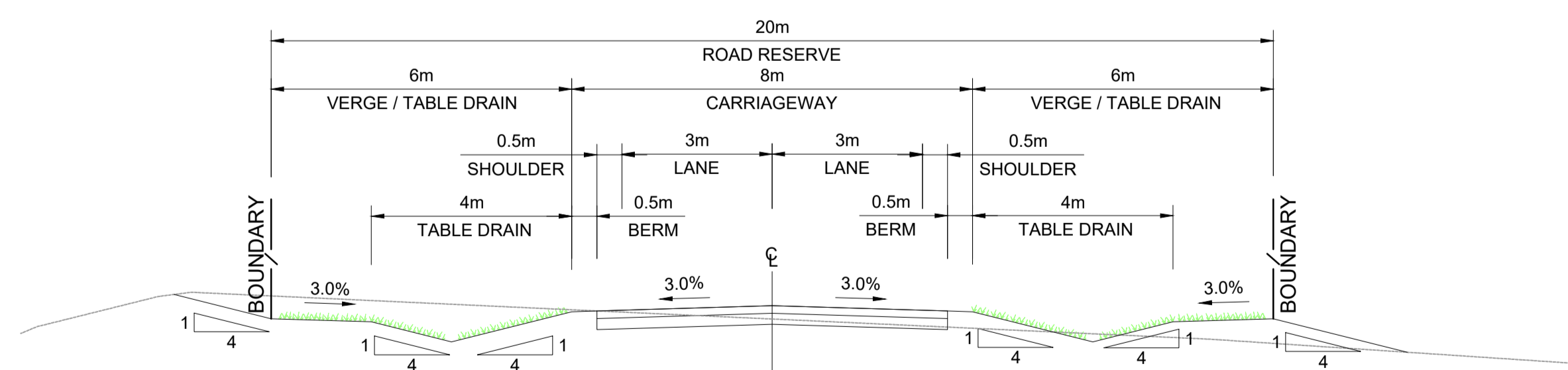
PROJECT
**CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT 123 DP1063557**

DRAWING TITLE
SITE SECTIONS

| | | |
|---|---------------------|-------------------|
| SCALE AS SHOWN | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C135 | REV B | |



PLAN
1:1500



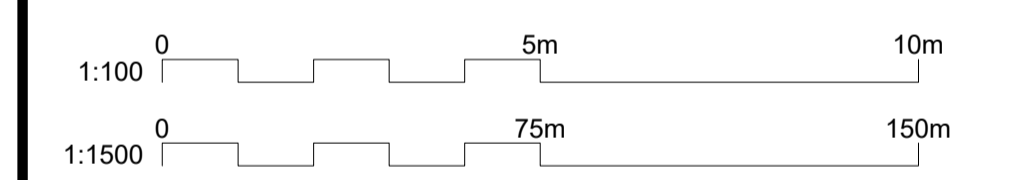
20m LOCAL ROAD
ROAD 1
1:100

PAVEMENT PROFILE*
WEARING COURSE = 30mm AC10 OR SPRAY SEAL
BASE COURSE = 150mm DGB20 COMPACTED TO 98% MDD
SUB BASE COURSE = 220mm CRUSHED SANDSTONE TO 95% MDD
SUBGRADE = 200mm SELECT FILL (CRUSHED SANDSTONE) TO 100% SDD
TRAFFIC ESA = 1 x 10⁵

***NOTE:**
ASSUMED PAVEMENT DETAILS AS SHOWN ON THIS DRAWING ARE ADOPTED FROM THE RECENTLY CONSTRUCTED VACY VILLAGE SOUTH STAGE 1-3 IN ACCORDANCE WITH PAVEMENT DESIGN REPORT 91432.00.R.001.REV0 BY DOUGLAS PARTNERS PTY LTD. ALL WORKS SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE REPORT AND DUNGOG SHIRE COUNCIL GUIDELINES

LEGEND

EXISTING 20m WIDE TRANSMISSION EASEMENT



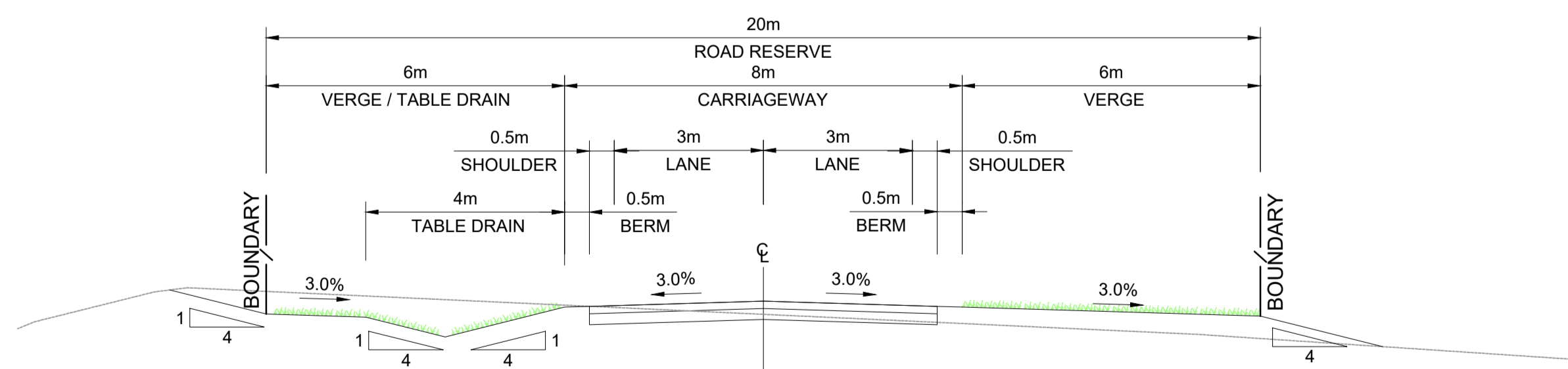
| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
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PROJECT
**CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT 123 DP1063557**

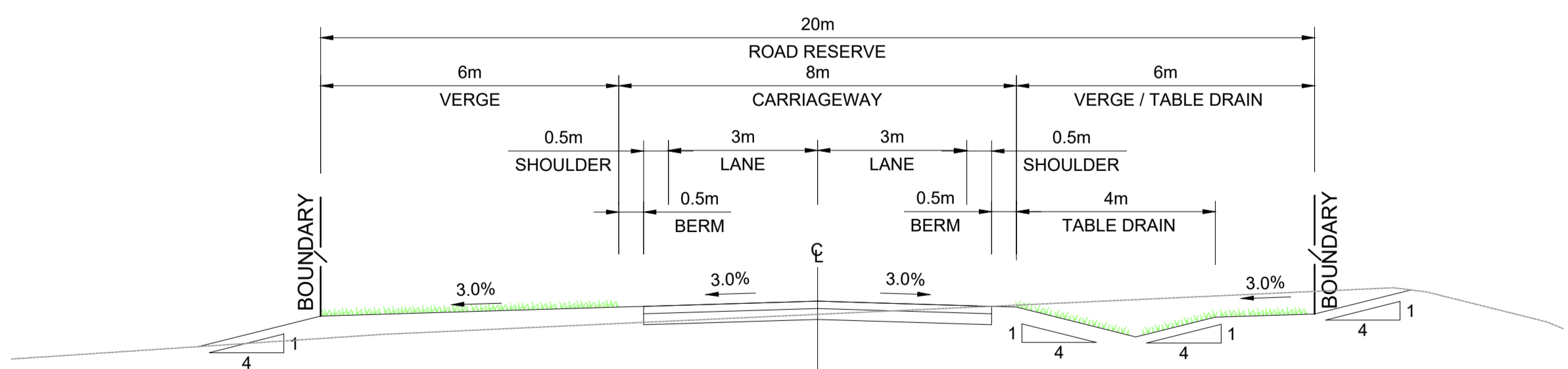
DRAWING TITLE
**ROAD ALIGNMENT CONTROL PLAN
AND TYPICAL SECTIONS
SHEET 1**

| | | |
|---|---------------------|-------------------|
| SCALE AS SHOWN | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C150 | REV C | |



**20m LOCAL ROAD
ROAD 1
(SWALE UPSTREAM ONLY)**
1:100

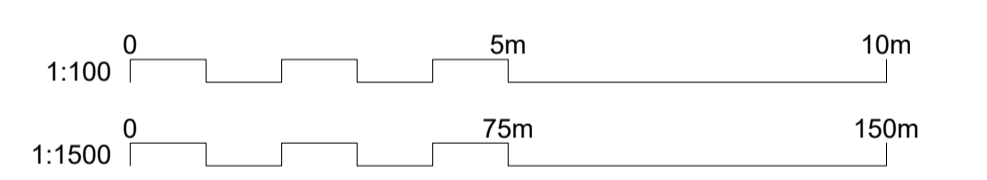
PAVEMENT PROFILE*
WEARING COURSE = 30mm AC10 OR SPRAY SEAL
BASE COURSE = 150mm DGB20 COMPACTED TO 98% MDD
SUB BASE COURSE = 220mm CRUSHED SANDSTONE TO 95% MDD
SUBGRADE = 200mm SELECT FILL (CRUSHED SANDSTONE) TO 100% SDD
TRAFFIC ESA = 1 x 10⁶



**20m LOCAL ROAD
ROAD 1
(SWALE DOWNSTREAM ONLY)**
1:100

PAVEMENT PROFILE*
WEARING COURSE = 30mm AC10 OR SPRAY SEAL
BASE COURSE = 150mm DGB20 COMPACTED TO 98% MDD
SUB BASE COURSE = 220mm CRUSHED SANDSTONE TO 95% MDD
SUBGRADE = 200mm SELECT FILL (CRUSHED SANDSTONE) TO 100% SDD
TRAFFIC ESA = 1 x 10⁶

***NOTE:**
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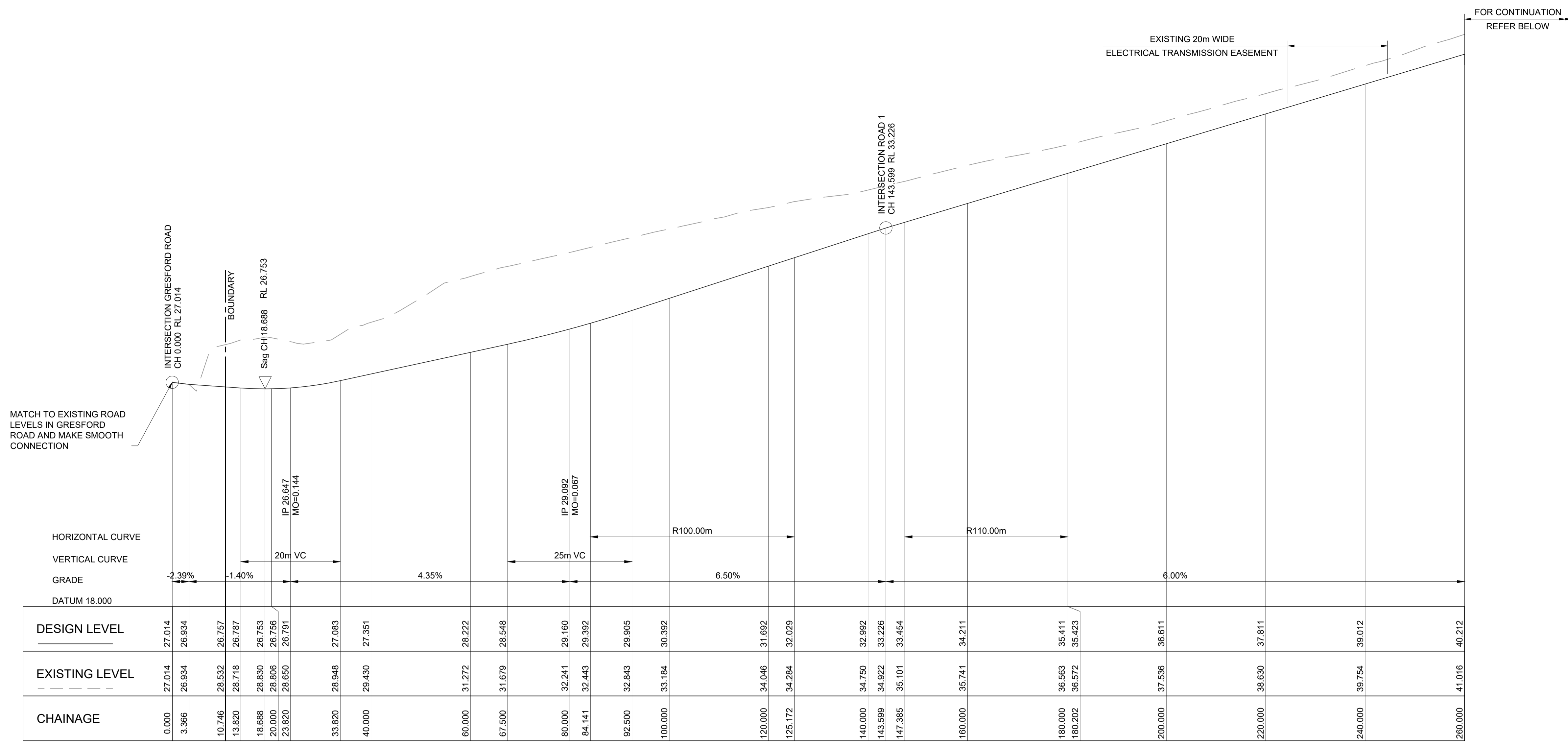
| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
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PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557

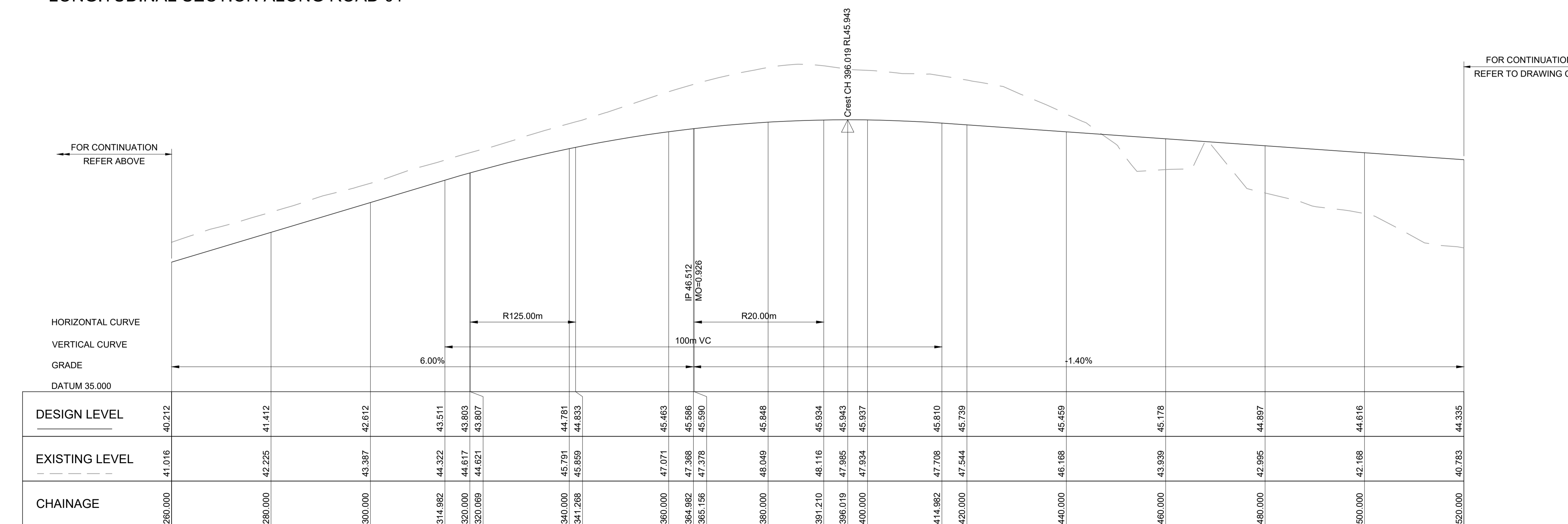
DRAWING TITLE
ROAD ALIGNMENT CONTROL PLAN
AND TYPICAL SECTIONS
SHEET 2

| | | |
|------------------------------------|--------------|------------|
| SCALE AS SHOWN | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C151 | REV B | |



1:500 Hor - 1:100 Ver

LONGITUDINAL SECTION ALONG ROAD 01



1:500 Hor - 1:100 Ver

LONGITUDINAL SECTION ALONG ROAD 01

FOR CONTINUATION
REFER BELOW

1:100 0 5m 10m
1:500 0 25m 50m

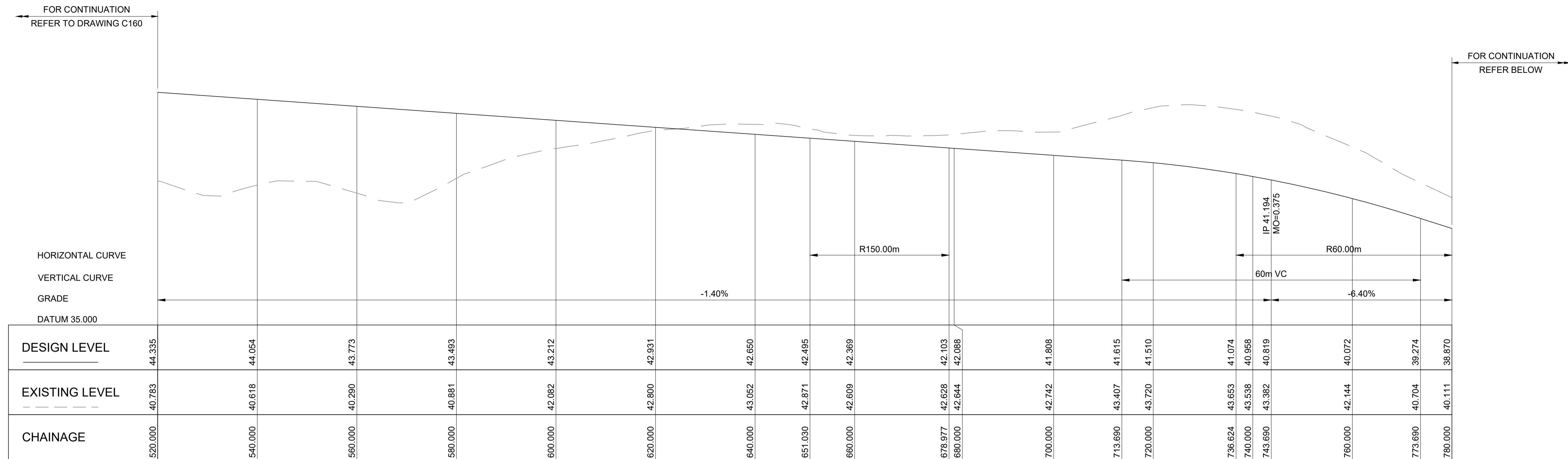
| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
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PROJECT
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VACY VILLAGE SOUTH STAGE 5
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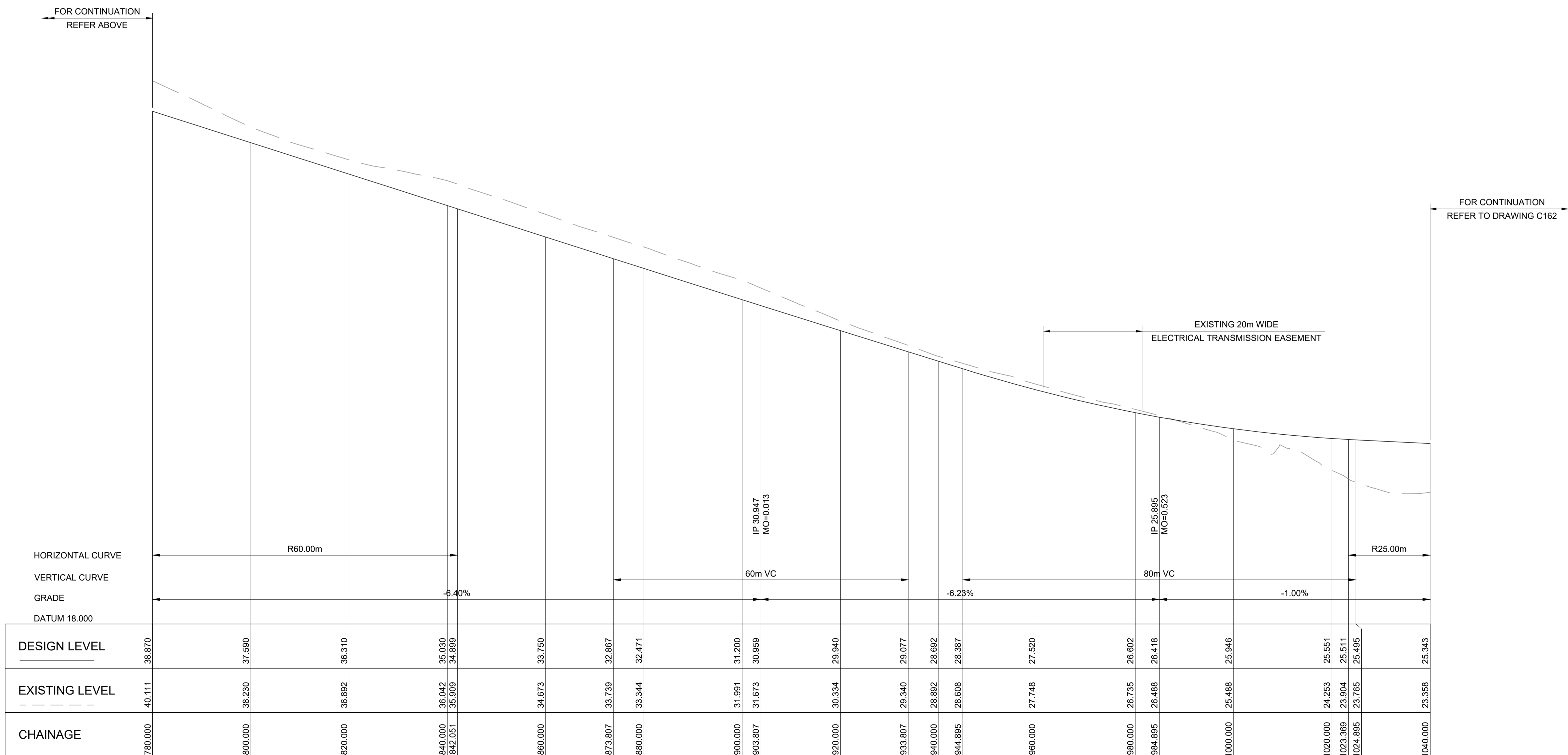
DRAWING TITLE
ROAD LONGITUDINAL SECTIONS
SHEET 1

| | | |
|---|---------------------|-------------------|
| SCALE 1:500, 1:100 | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C160 | REV C | |



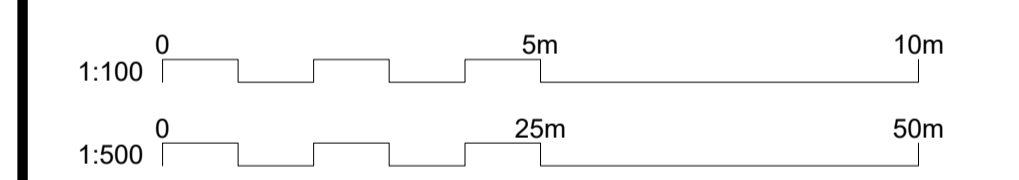
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LONGITUDINAL SECTION ALONG ROAD 01



1:500 Hor - 1:100 Ver

LONGITUDINAL SECTION ALONG ROAD 01



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| C | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |

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PROJECT
**CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557**

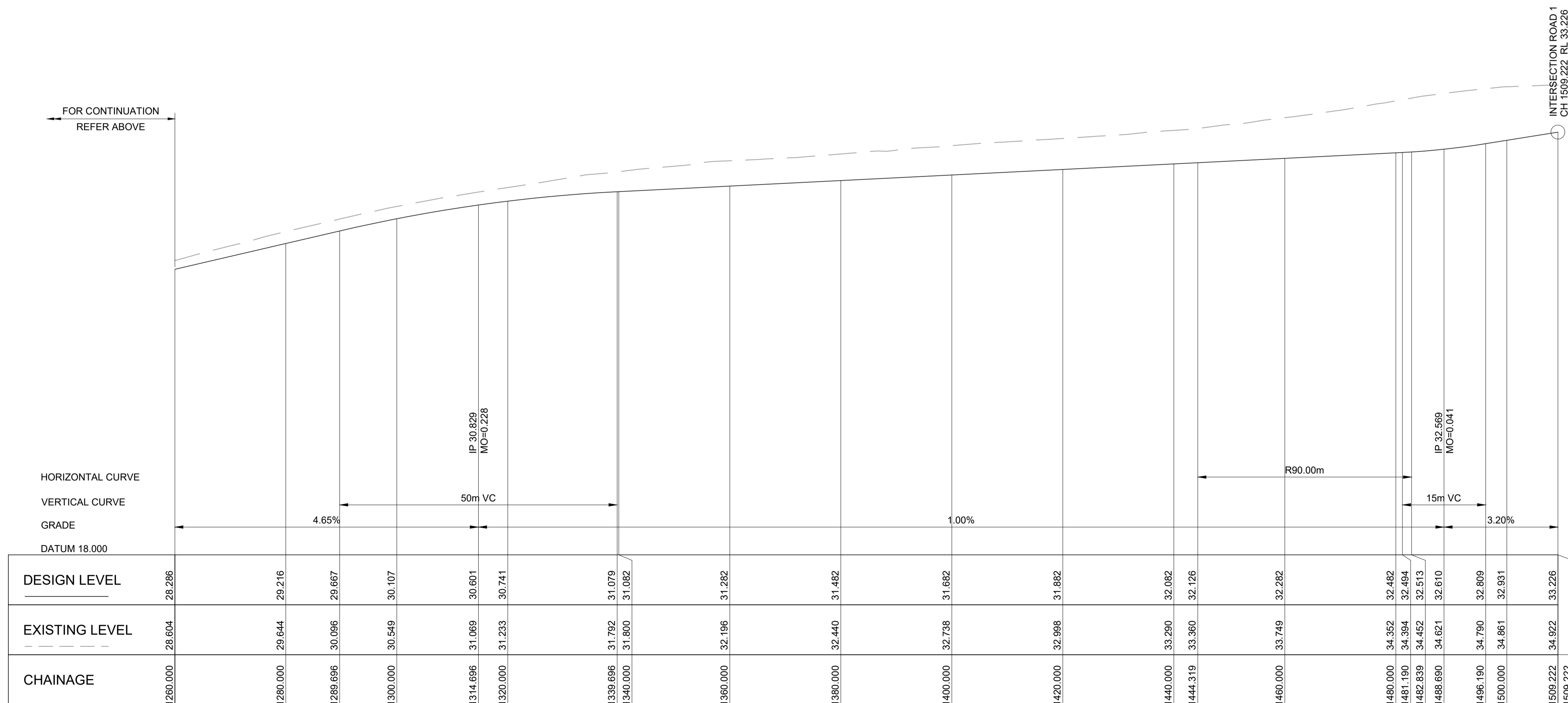
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**ROAD LONGITUDINAL SECTIONS
SHEET 2**

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| DRAWING NO. 24-107-DA-STG5-C161 | REV C | |



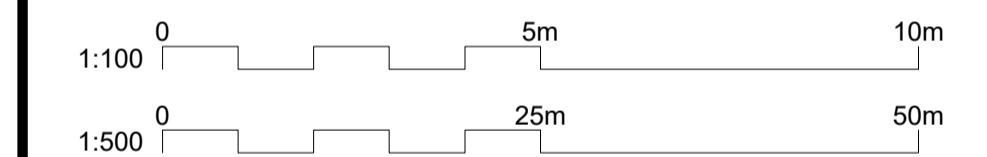
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LONGITUDINAL SECTION ALONG ROAD 01



1:500 Hor - 1:100 Ver

LONGITUDINAL SECTION ALONG ROAD 01



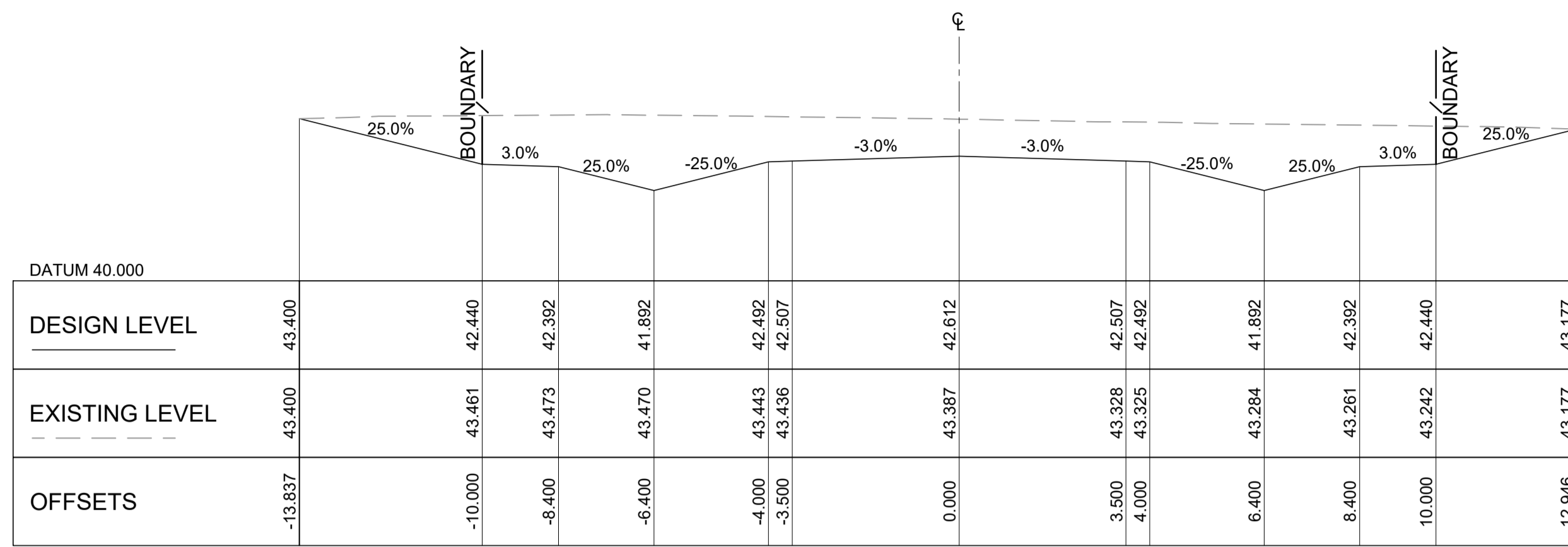
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| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |


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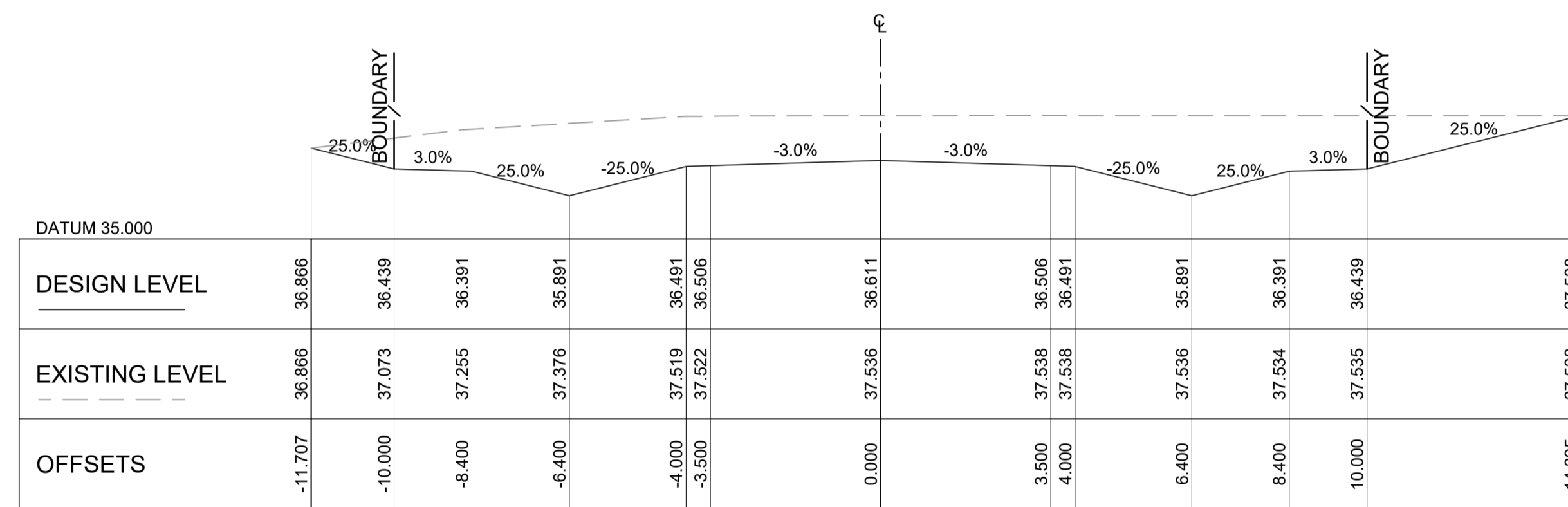
PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557

DRAWING TITLE
ROAD LONGITUDINAL SECTIONS
SHEET 3

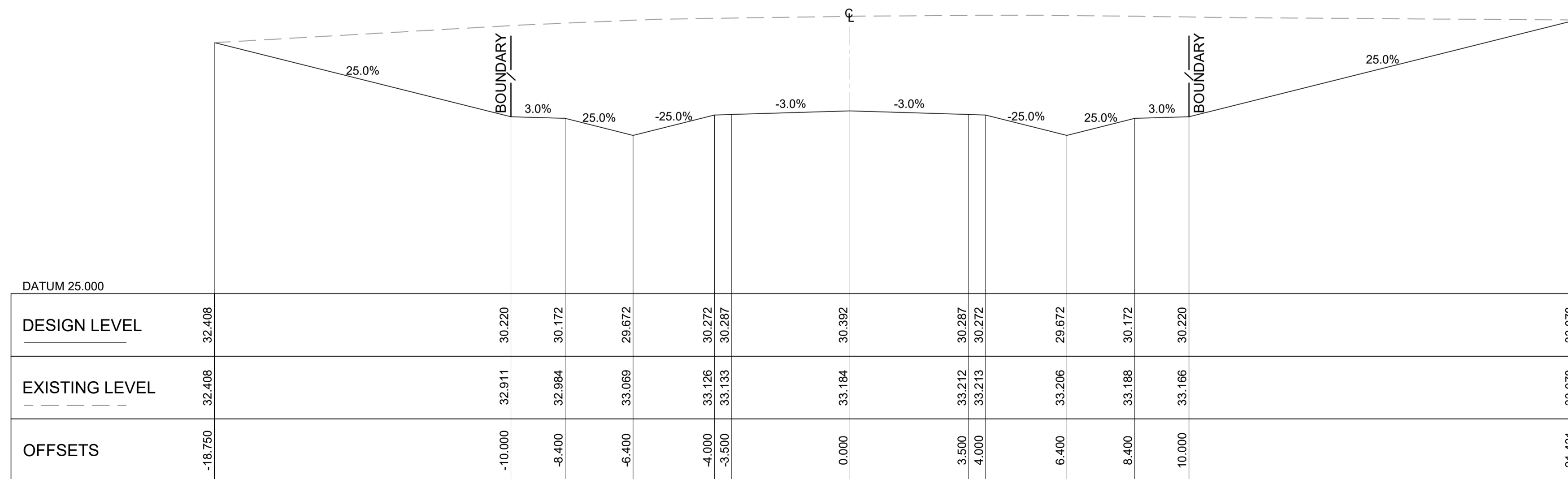
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| DRAWING NO. | REV | |
| 24-107-DA-STG5-C162 | C | |



CH 300.000

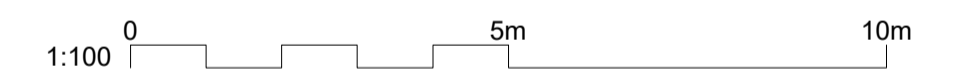


CH 200.000



CH 100.000

ROAD 1



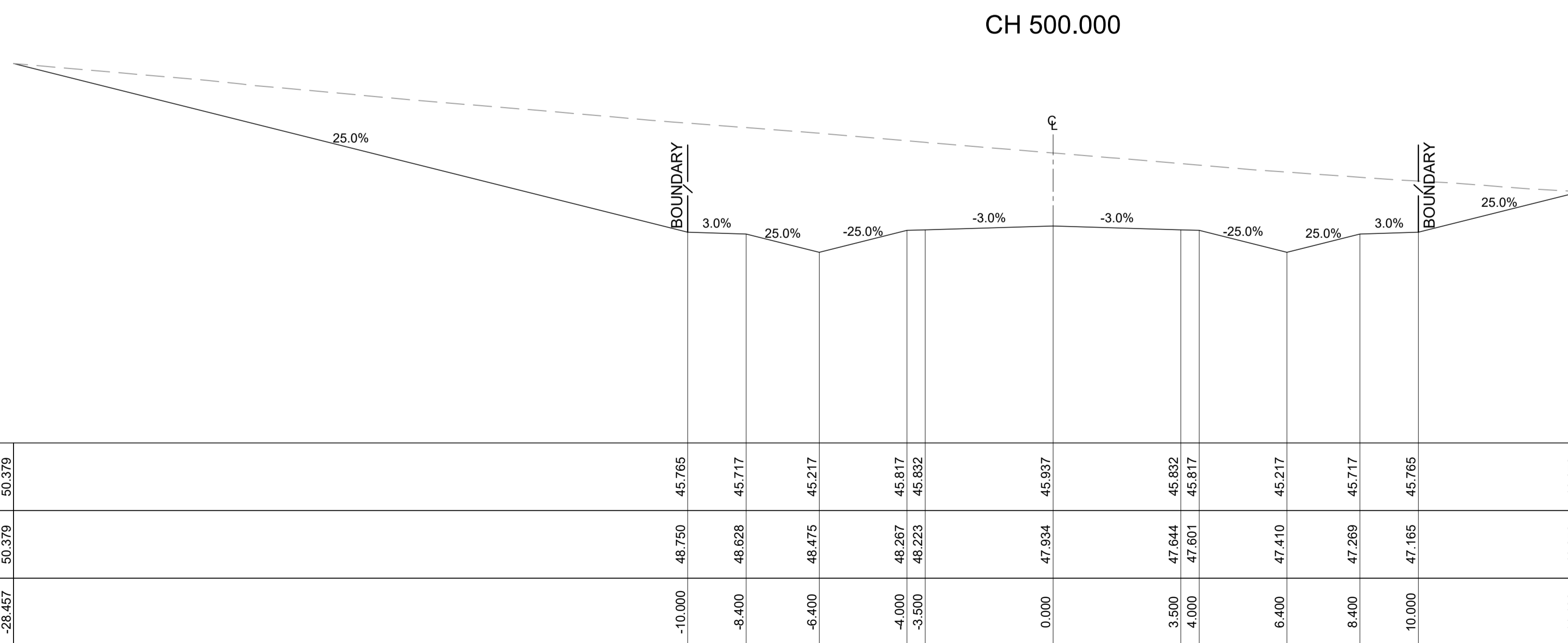
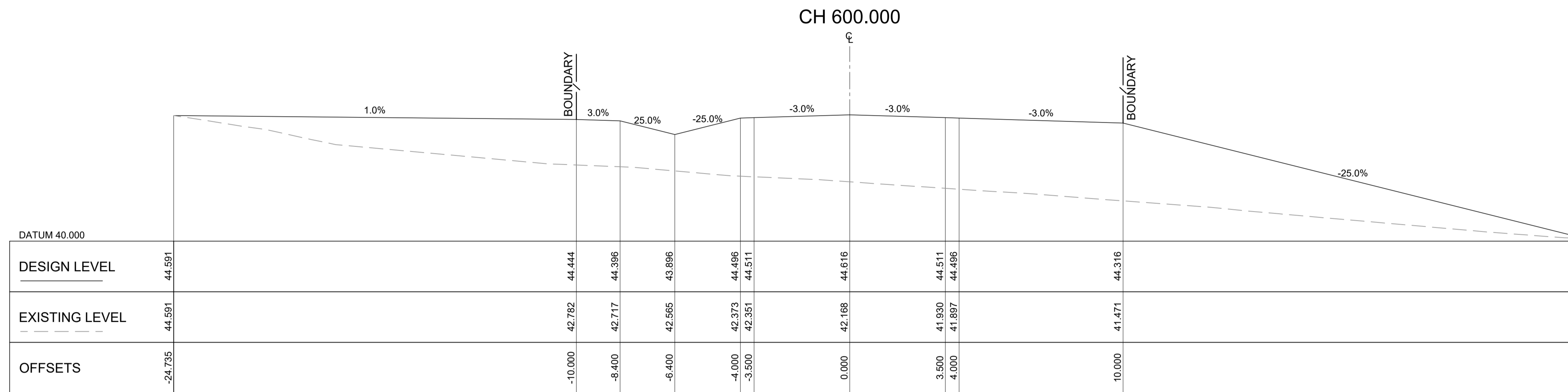
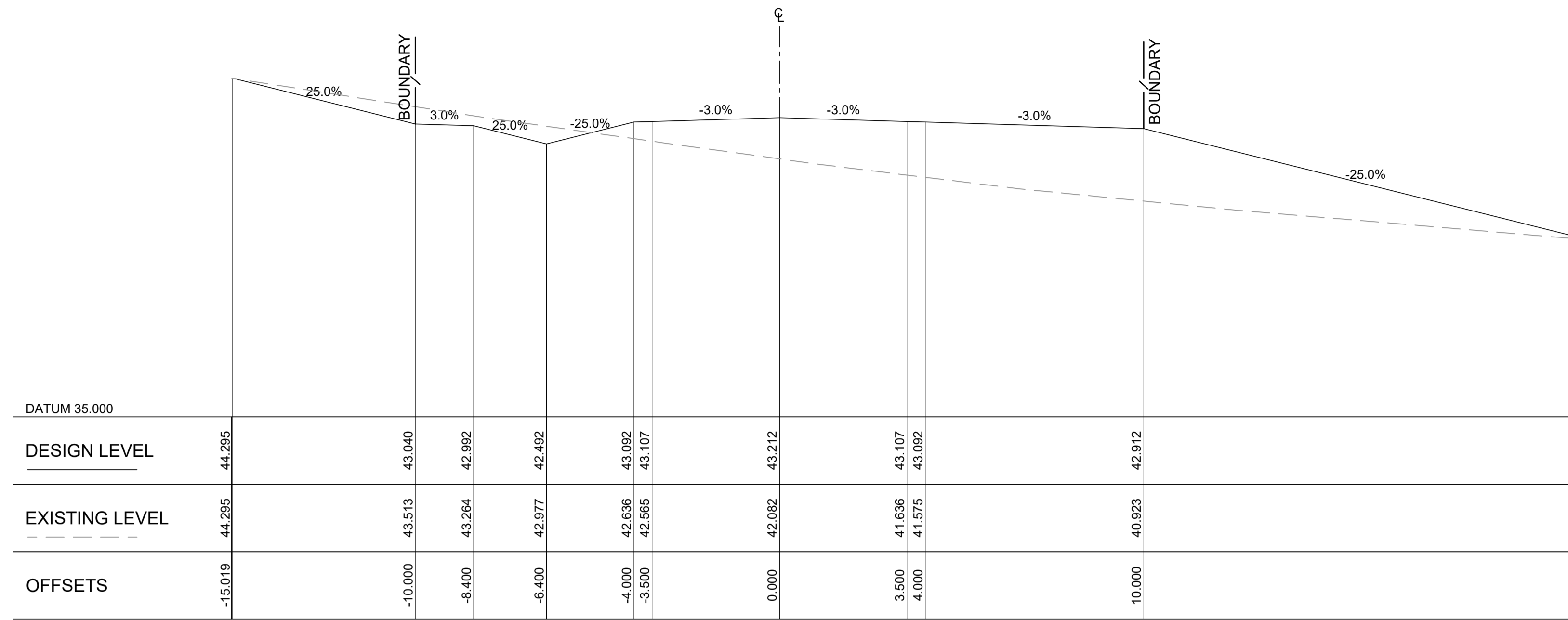
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| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |


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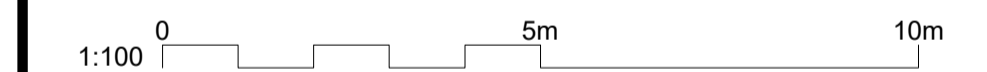
PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557

DRAWING TITLE
ROAD CROSS SECTIONS
SHEET 1

| | | | | | |
|-------------|---------------------|--------|----|------|----|
| SCALE | 1:100 | STATUS | DA | SIZE | A1 |
| DRAWING NO. | 24-107-DA-STG5-C170 | REV | C | | |



ROAD 1 (CONTINUED)



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
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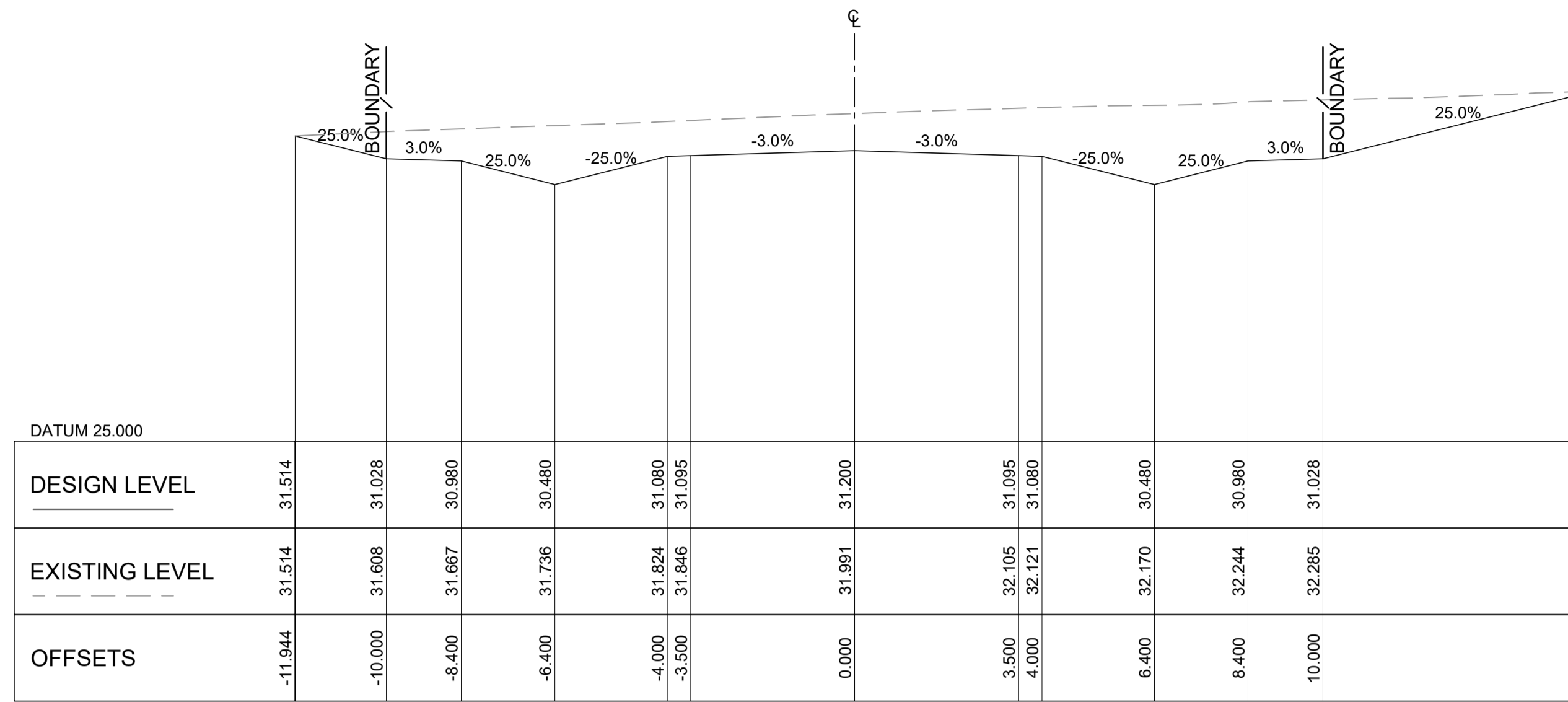
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PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557

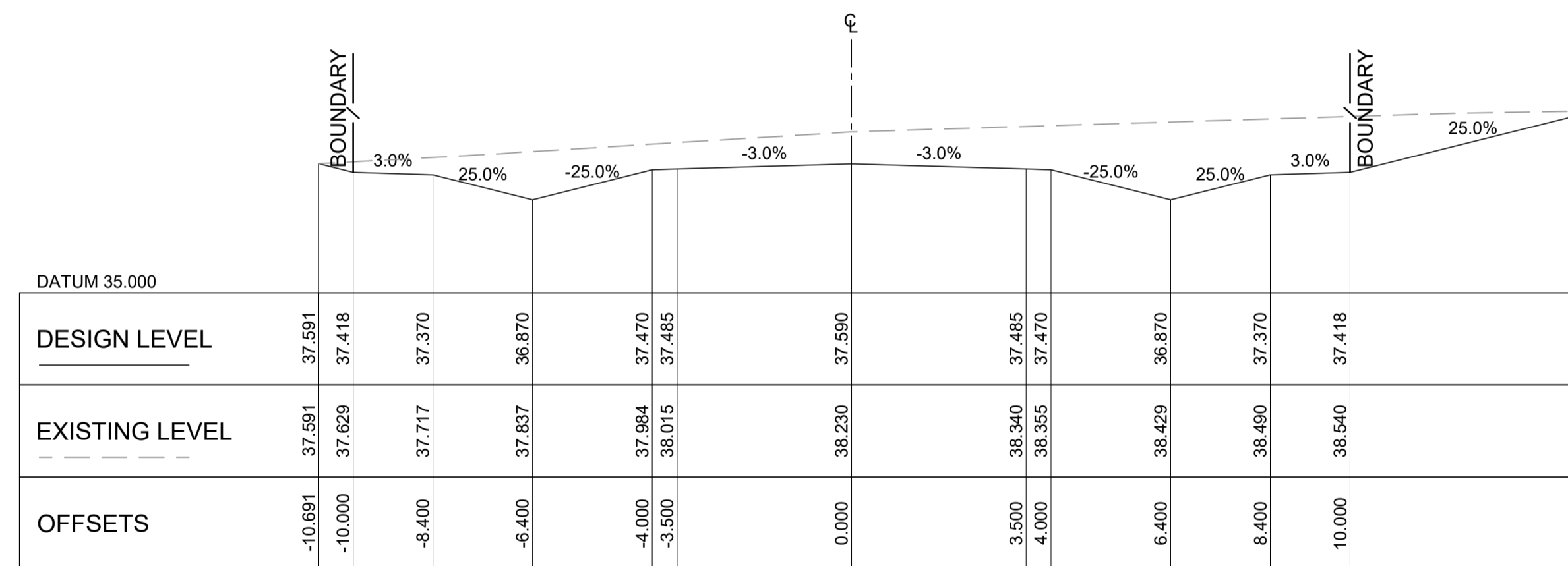
DRAWING TITLE
ROAD CROSS SECTIONS
SHEET 2

| | | | | | |
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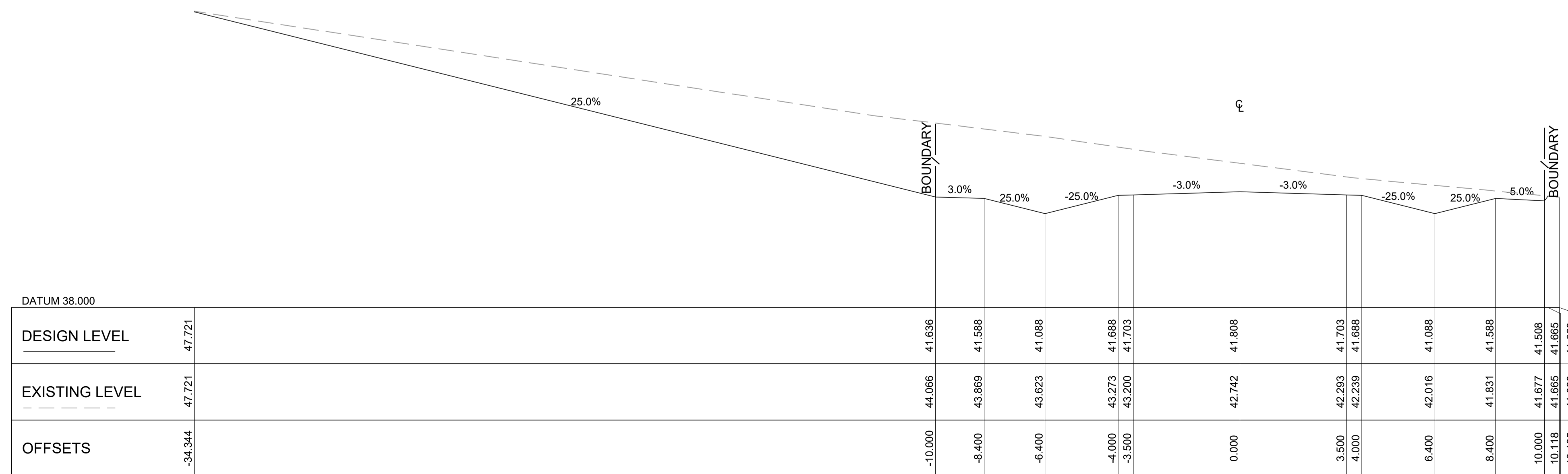
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|-------------|---------------------|-----|---|



CH 900.000

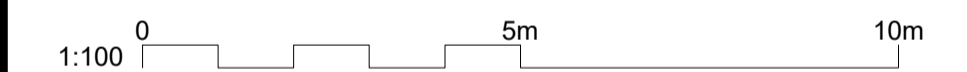


CH 800.000



CH 700.000

ROAD 1 (CONTINUED)



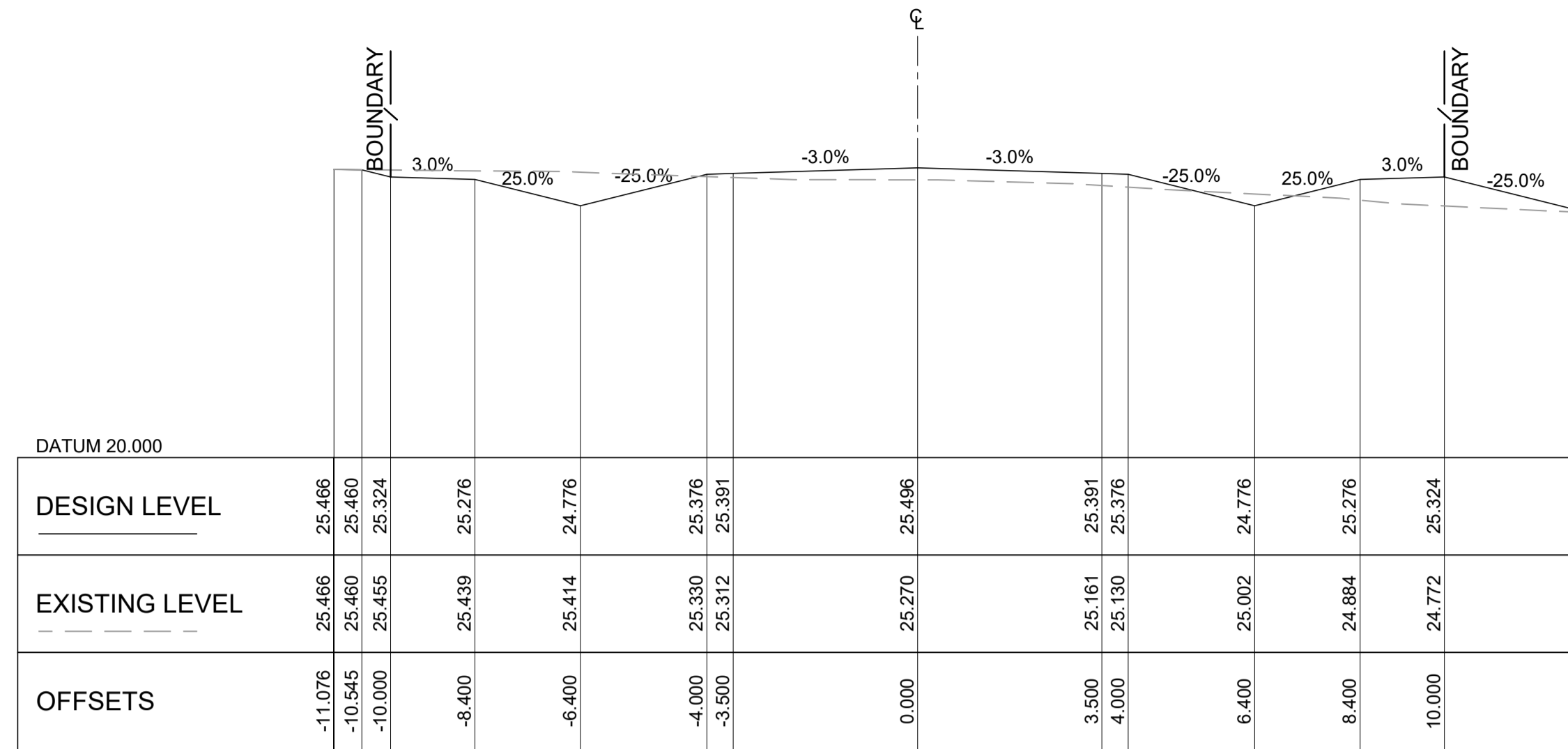
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| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |


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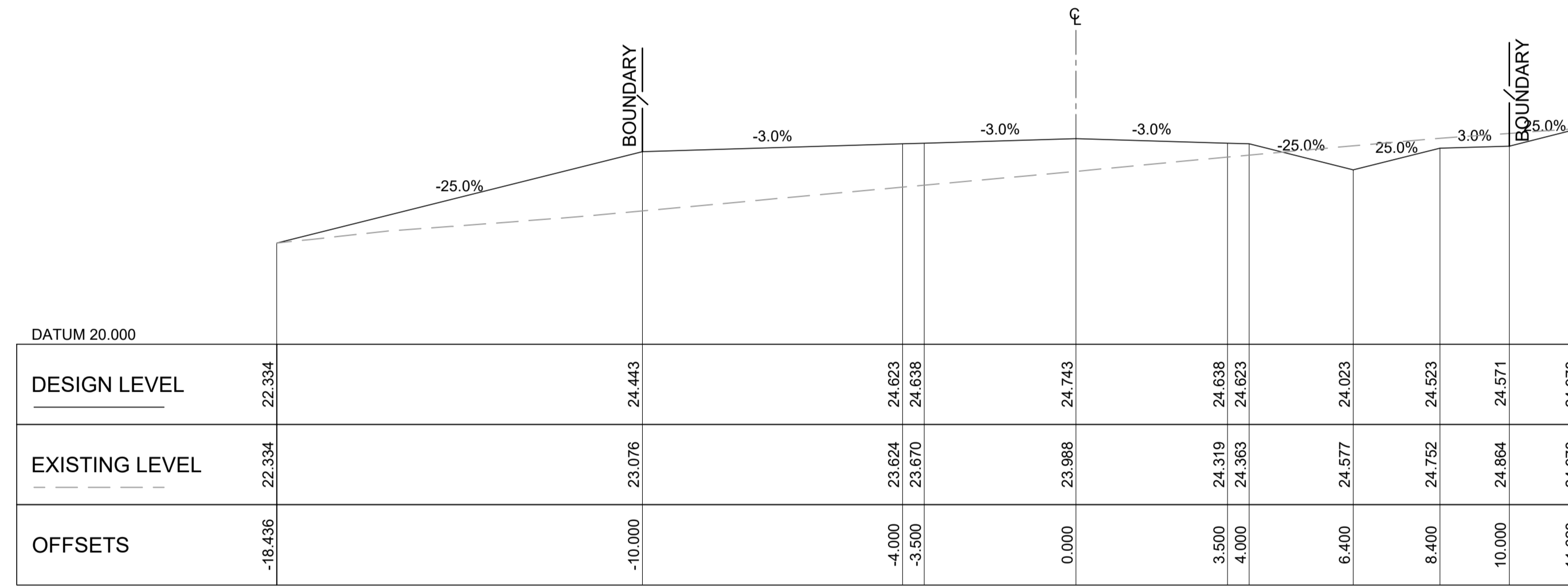
PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557

DRAWING TITLE
ROAD CROSS SECTIONS
SHEET 3

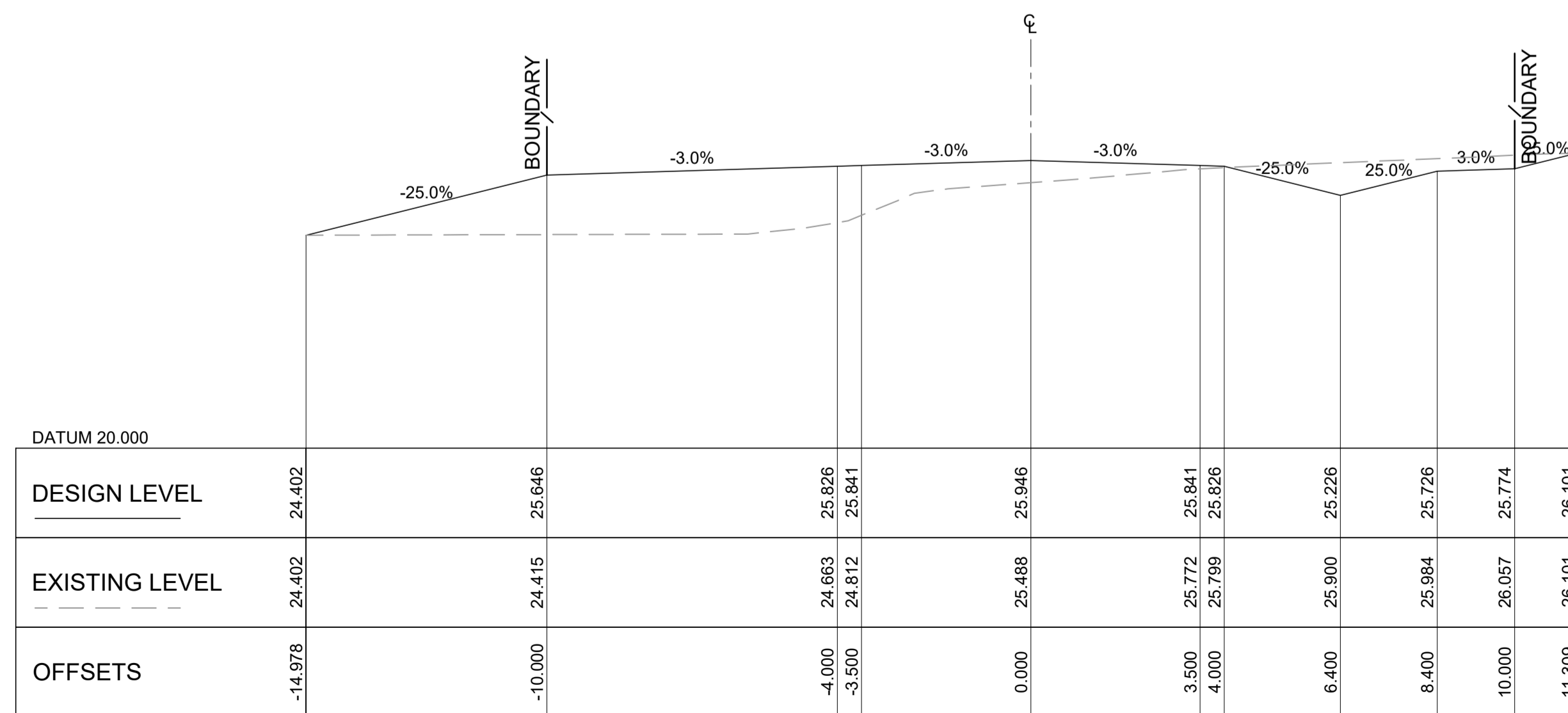
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CH 1200.000

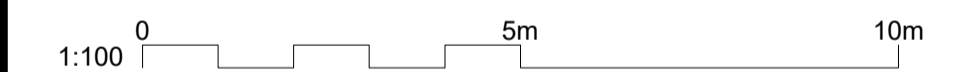


CH 1100.000



CH 1000.000

ROAD 1 (CONTINUED)



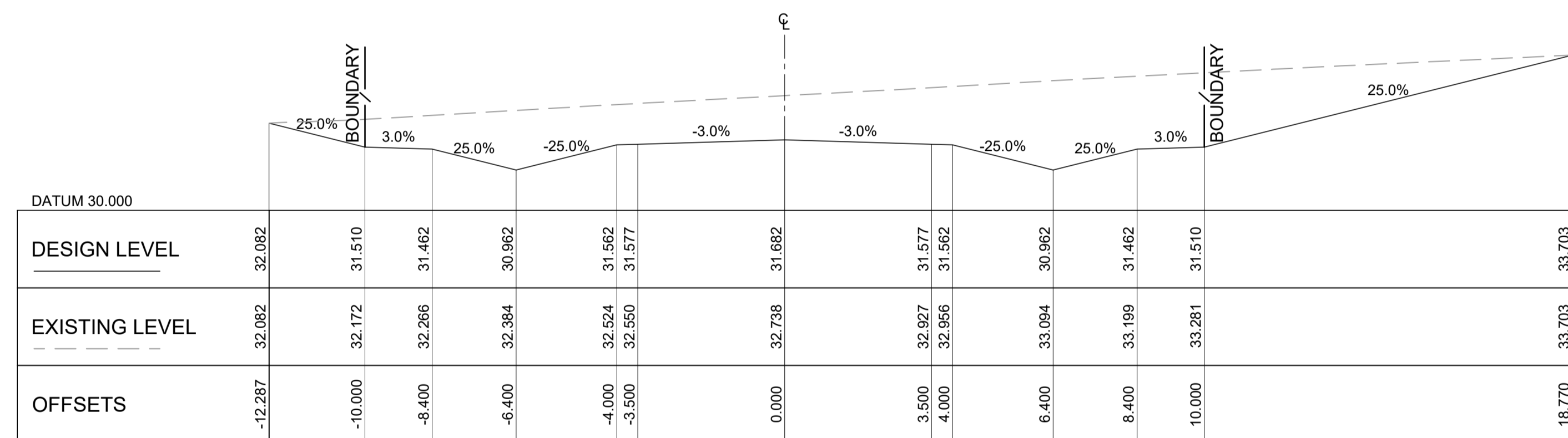
| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
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| C | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |


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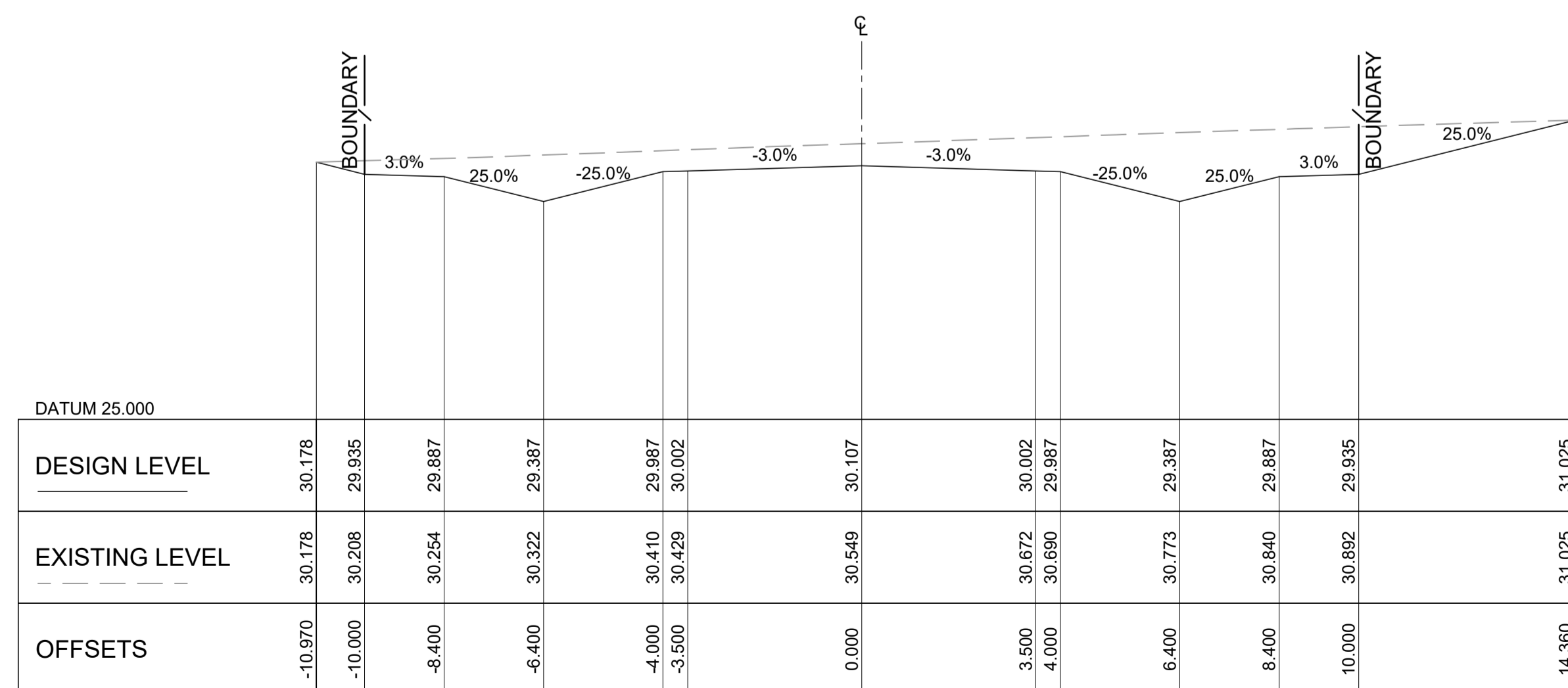
PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557

DRAWING TITLE
ROAD CROSS SECTIONS
SHEET 4

| | | | | | |
|-------------|---------------------|--------|----|------|----|
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| DRAWING NO. | 24-107-DA-STG5-C173 | REV | C | | |

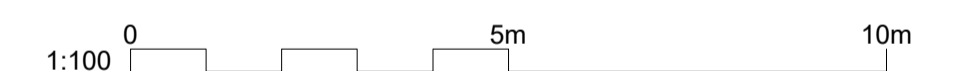


CH 1400.000



CH 1300.000

ROAD 1 (CONTINUED)



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
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| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |


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PROJECT
**CORNISH GROUP
 VACY VILLAGE SOUTH STAGE 5
 589 GRESFROD ROAD
 LOT123 DP1063557**

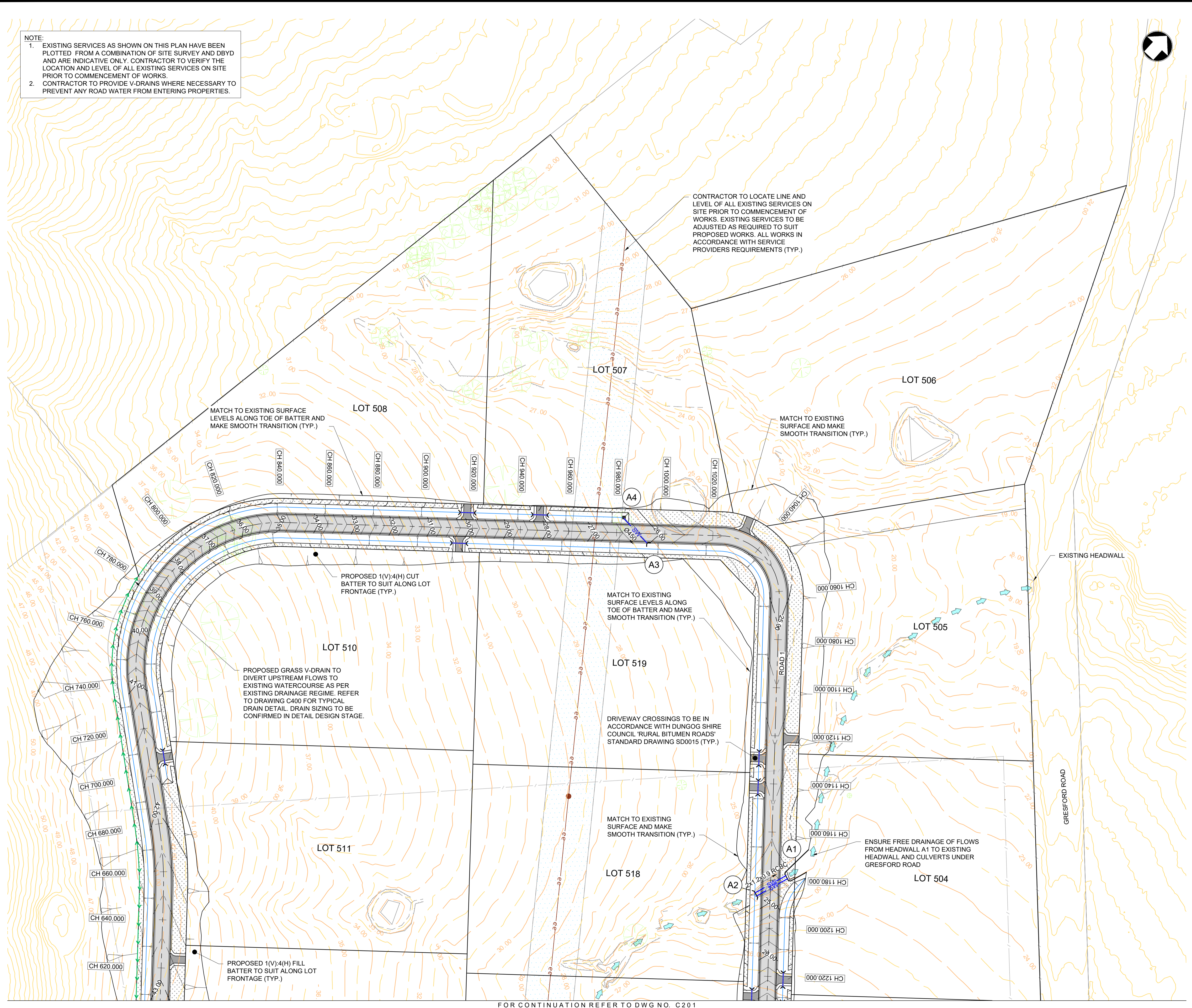
DRAWING TITLE
**ROAD CROSS SECTIONS
 SHEET 5**

| | | | | | |
|-------------|---------------------|--------|----|------|----|
| SCALE | 1:100 | STATUS | DA | SIZE | A1 |
| DRAWING NO. | 24-107-DA-STG5-C174 | REV | C | | |

NOTE:
 1. EXISTING SERVICES AS SHOWN ON THIS PLAN HAVE BEEN PLOTTED FROM A COMBINATION OF SITE SURVEY AND DBYD AND ARE INDICATIVE ONLY. CONTRACTOR TO VERIFY THE LOCATION AND LEVEL OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 2. CONTRACTOR TO PROVIDE V-DRAINS WHERE NECESSARY TO PREVENT ANY ROAD WATER FROM ENTERING PROPERTIES.

LEGEND

EXISTING 20m WIDE TRANSMISSION EASEMENT



CONTRACTOR TO LOCATE LINE AND LEVEL OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS. EXISTING SERVICES TO BE ADJUSTED AS REQUIRED TO SUIT PROPOSED WORKS. ALL WORKS IN ACCORDANCE WITH SERVICE PROVIDERS REQUIREMENTS (TYP.)

MATCH TO EXISTING SURFACE LEVELS ALONG TOE OF BATTER AND MAKE SMOOTH TRANSITION (TYP.)

MATCH TO EXISTING SURFACE AND MAKE SMOOTH TRANSITION (TYP.)

PROPOSED 1(V):4(H) CUT BATTER TO SUIT ALONG LOT FRONTAGE (TYP.)

MATCH TO EXISTING SURFACE LEVELS ALONG TOE OF BATTER AND MAKE SMOOTH TRANSITION (TYP.)

PROPOSED GRASS V-DRAIN TO DIVERT UPSTREAM FLOWS TO EXISTING WATERCOURSE AS PER EXISTING DRAINAGE REGIME. REFER TO DRAWING C400 FOR TYPICAL DRAIN DETAIL. DRAIN SIZING TO BE CONFIRMED IN DETAIL DESIGN STAGE.

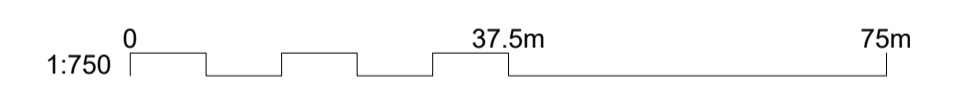
DRIVEWAY CROSSINGS TO BE IN ACCORDANCE WITH DUNGOG SHIRE COUNCIL 'RURAL BITUMEN ROADS' STANDARD DRAWING SD0015 (TYP.)

MATCH TO EXISTING SURFACE AND MAKE SMOOTH TRANSITION (TYP.)

ENSURE FREE DRAINAGE OF FLOWS FROM HEADWALL A1 TO EXISTING HEADWALL AND CULVERTS UNDER GRESFORD ROAD

PROPOSED 1(V):4(H) FILL BATTER TO SUIT ALONG LOT FRONTAGE (TYP.)

FOR CONTINUATION REFER TO DWG NO. C201



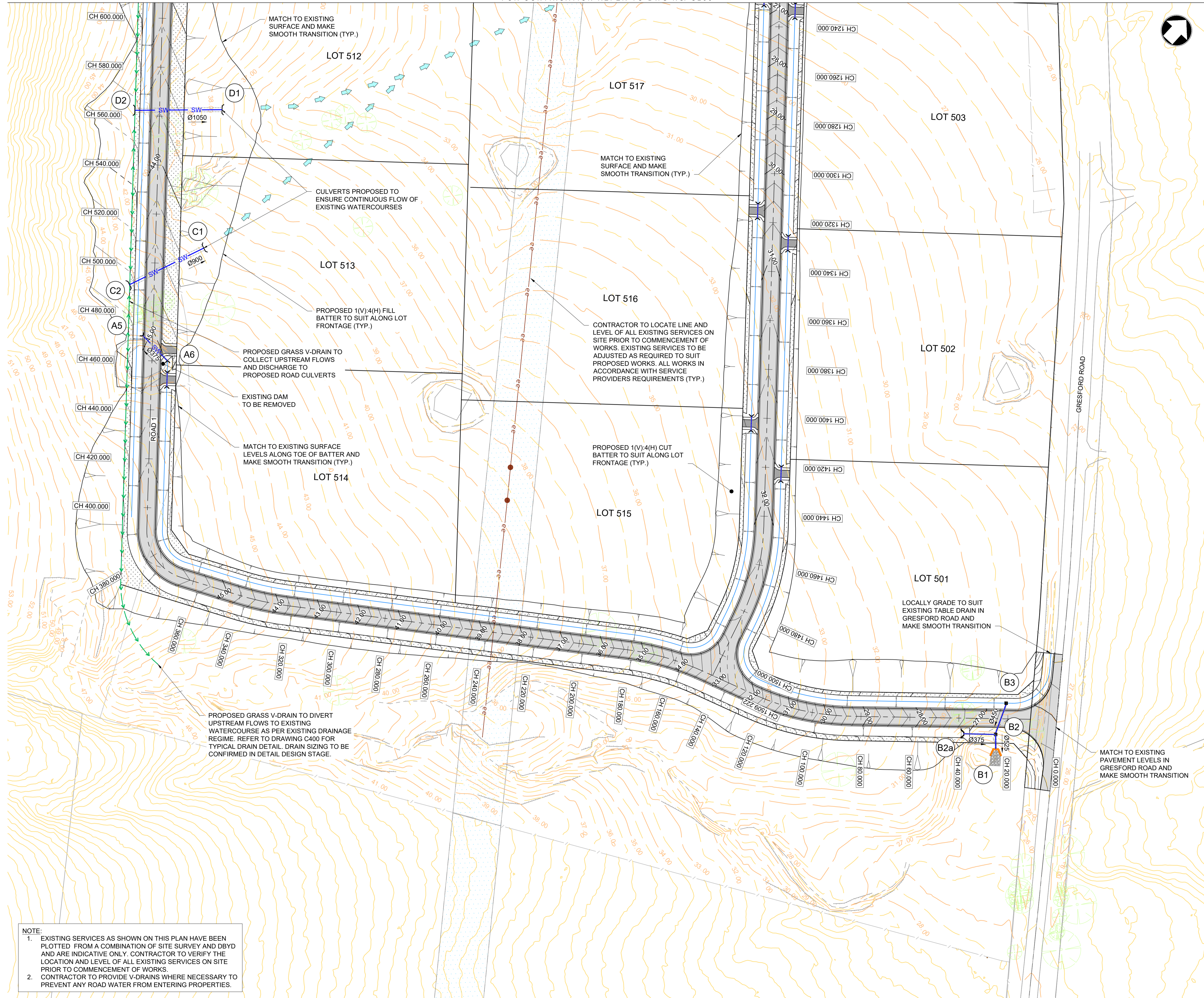
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| C | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |

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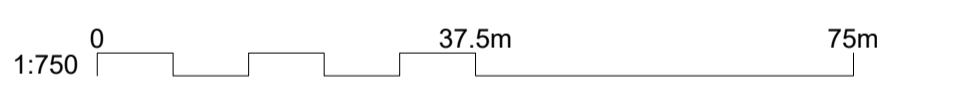
PROJECT
**CORNISH GROUP
 VACY VILLAGE SOUTH STAGE 5
 589 GRESFORD ROAD
 LOT 123 DP1063557**

DRAWING TITLE
**SITWORKS AND STORMWATER
 PLAN - SHEET 1**

| | | |
|------------------------------------|--------------|------------|
| SCALE 1:750 | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C200 | REV C | |



| LEGEND | |
|--------|---|
| | EXISTING 20m WIDE TRANSMISSION EASEMENT |



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| C | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
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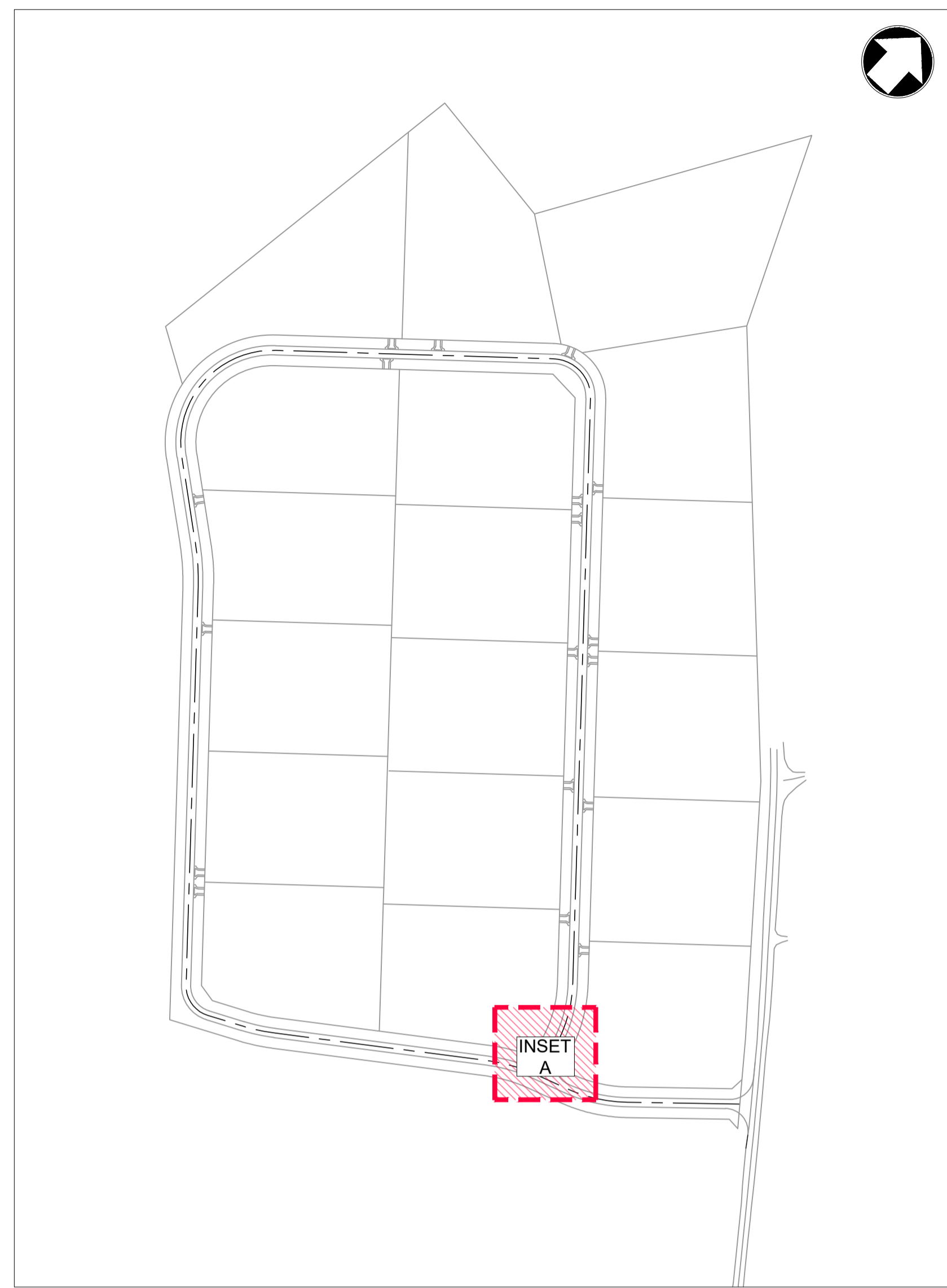

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PROJECT
**CORNISH GROUP
 VACY VILLAGE SOUTH STAGE 5
 589 GRESFORD ROAD
 LOT 123 DP1063557**

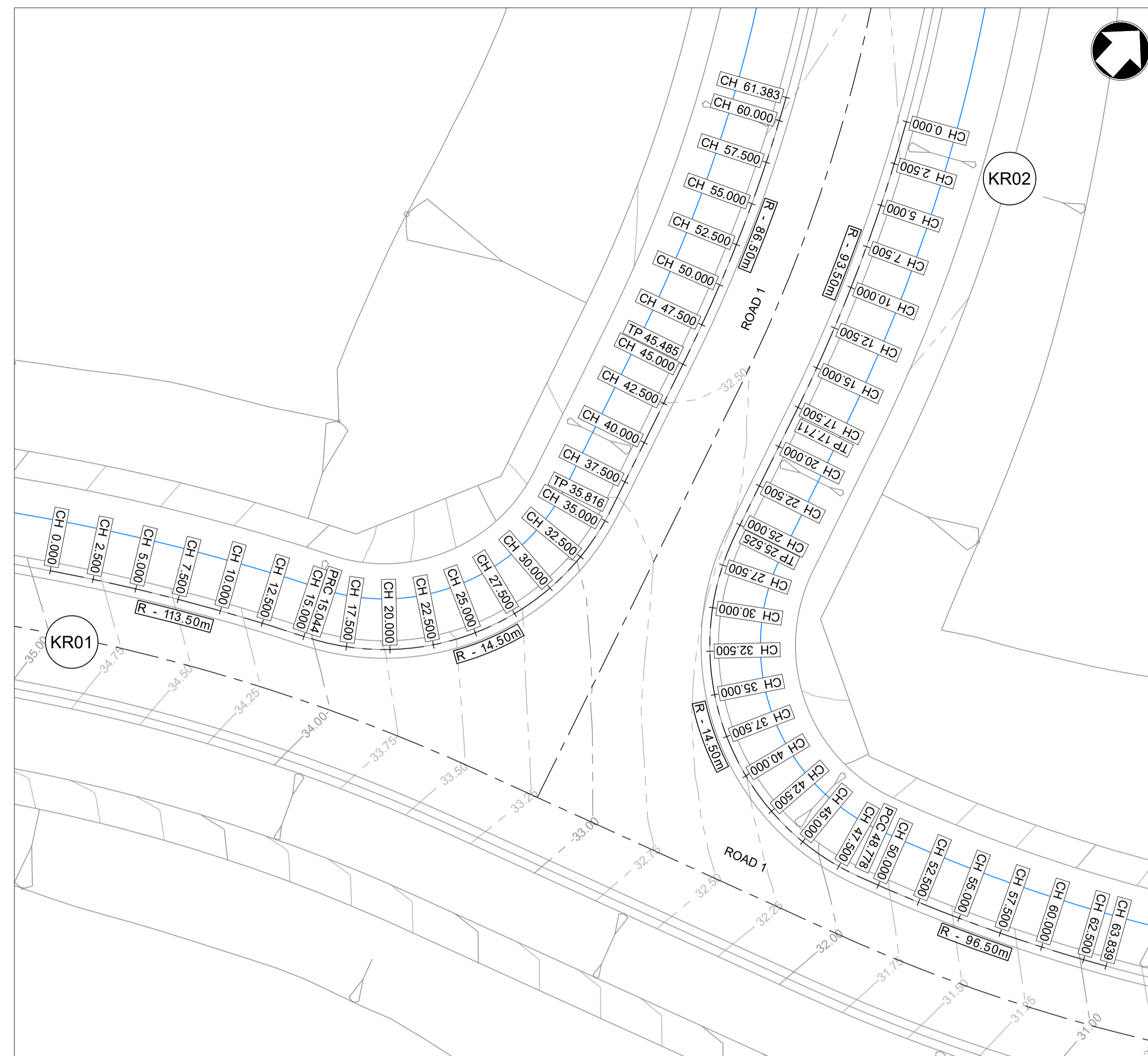
DRAWING TITLE
**SITWORKS AND STORMWATER
 PLAN - SHEET 2**

| | | | | | |
|-------------|---------------------|--------|----|------|----|
| SCALE | 1:750 | STATUS | DA | SIZE | A1 |
| DRAWING NO. | 24-107-DA-STG5-C201 | REV | C | | |

NOTE:
 1. EXISTING SERVICES AS SHOWN ON THIS PLAN HAVE BEEN PLOTTED FROM A COMBINATION OF SITE SURVEY AND DBYD AND ARE INDICATIVE ONLY. CONTRACTOR TO VERIFY THE LOCATION AND LEVEL OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 2. CONTRACTOR TO PROVIDE V-DRAINS WHERE NECESSARY TO PREVENT ANY ROAD WATER FROM ENTERING PROPERTIES.

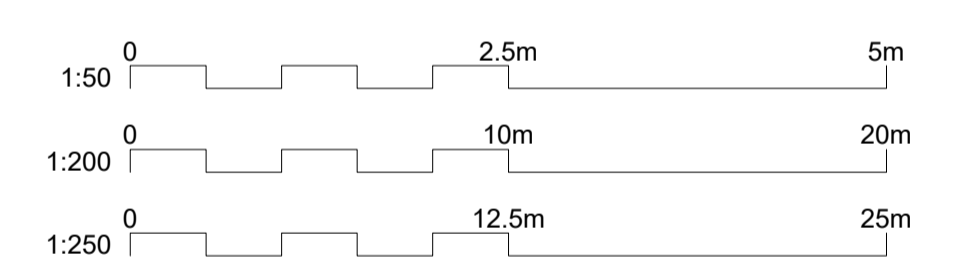


KEY PLAN
NTS



INSET A
1:200

| LEGEND | |
|--------|--------------------|
| | KERB RETURN NUMBER |

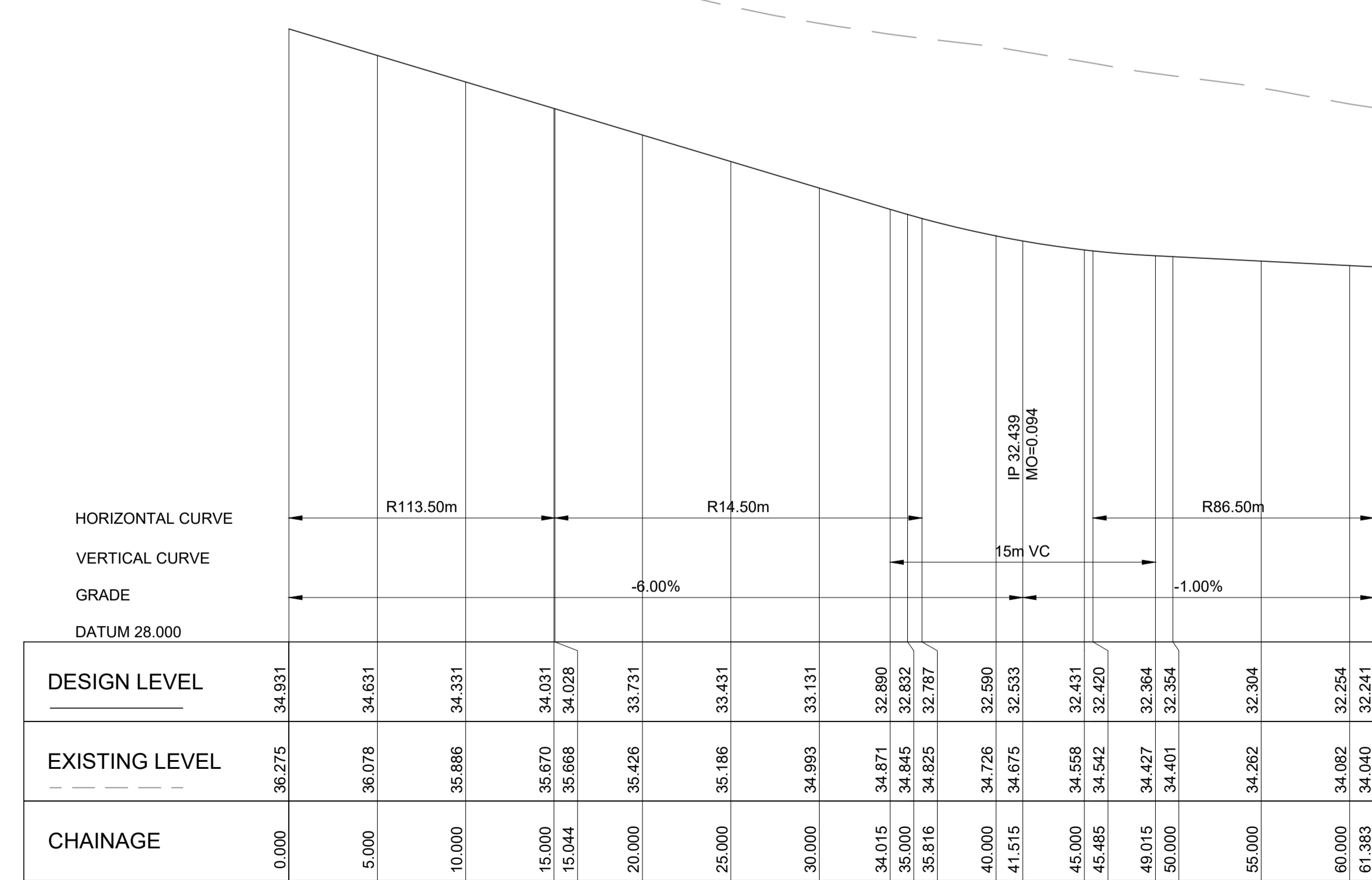


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| C | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
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| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |

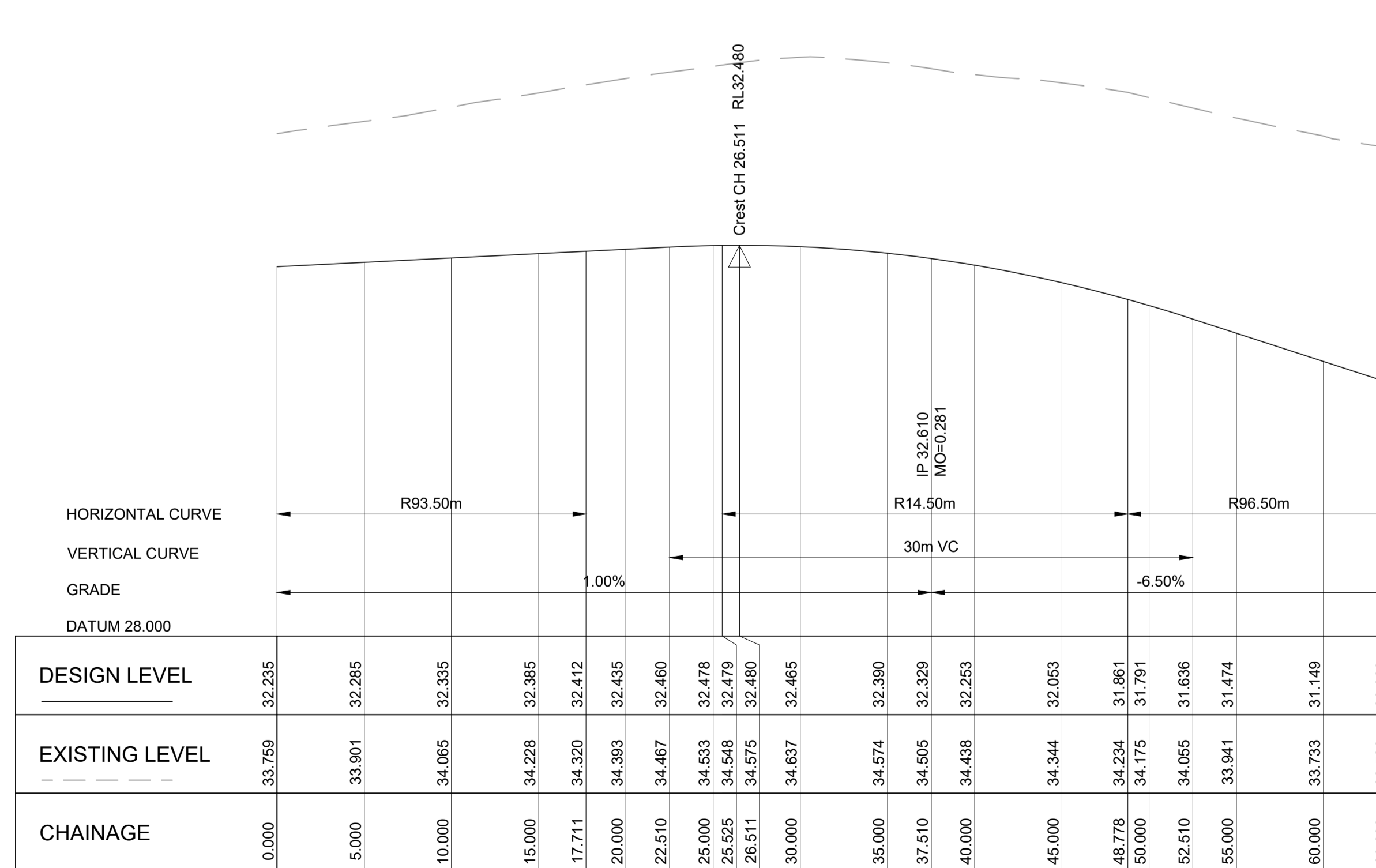
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PROJECT
**CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT 123 DP1063557**

DRAWING TITLE
**KERB RETURN PLANS AND
SECTIONS - SHEET 1**

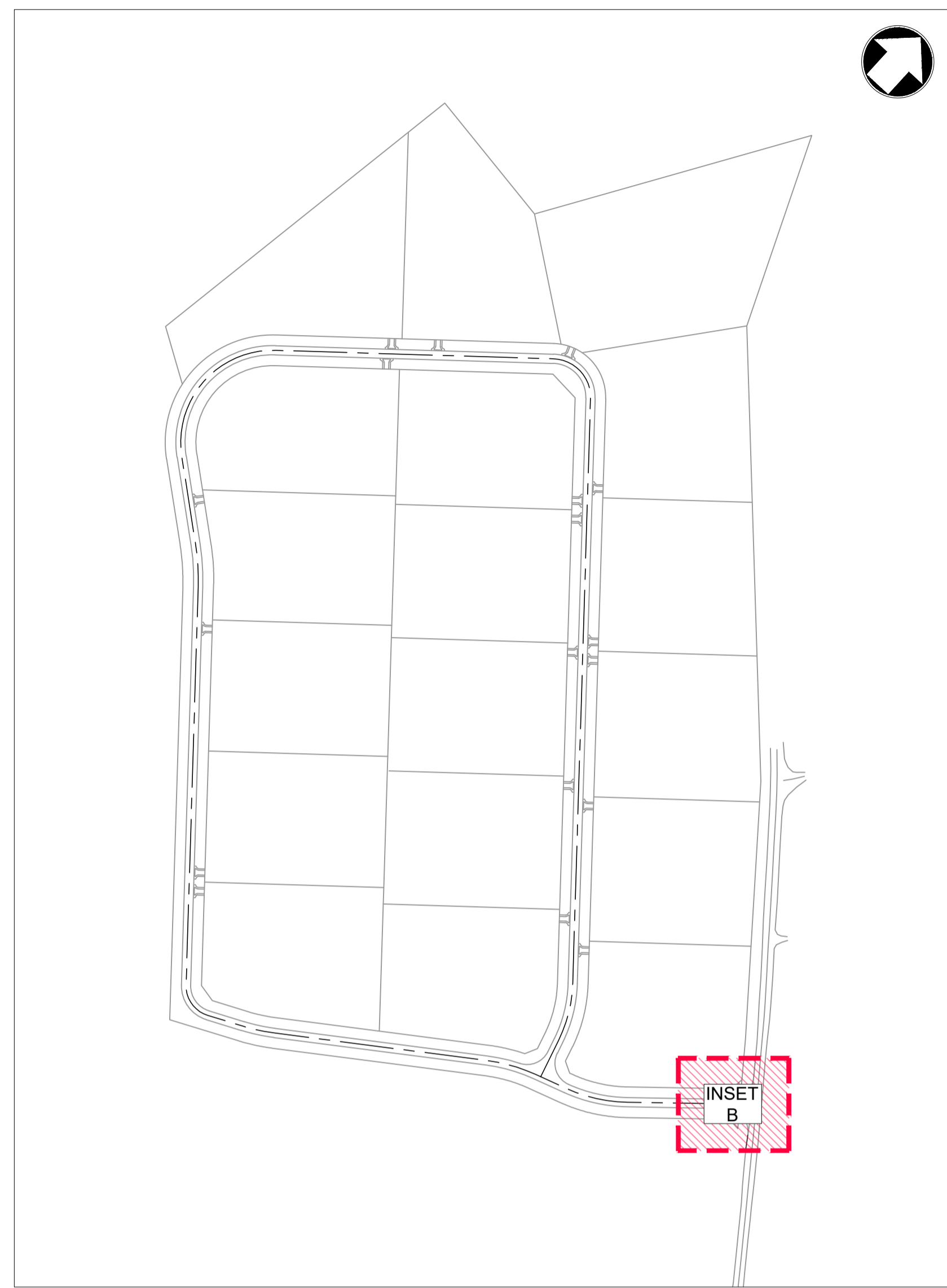


1:250 Hor - 1:50 Ver
LONGITUDINAL SECTION ALONG KR 01



1:250 Hor - 1:50 Ver
LONGITUDINAL SECTION ALONG KR 02

| | | |
|------------------------------------|--------------|------------|
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| DRAWING NO. 24-107-DA-STG5-C220 | REV C | |

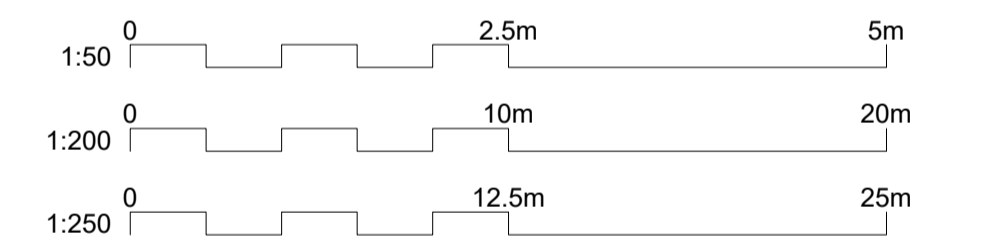


KEY PLAN
NTS



INSET B
1:200

| LEGEND | |
|--------|--------------------|
| | KERB RETURN NUMBER |



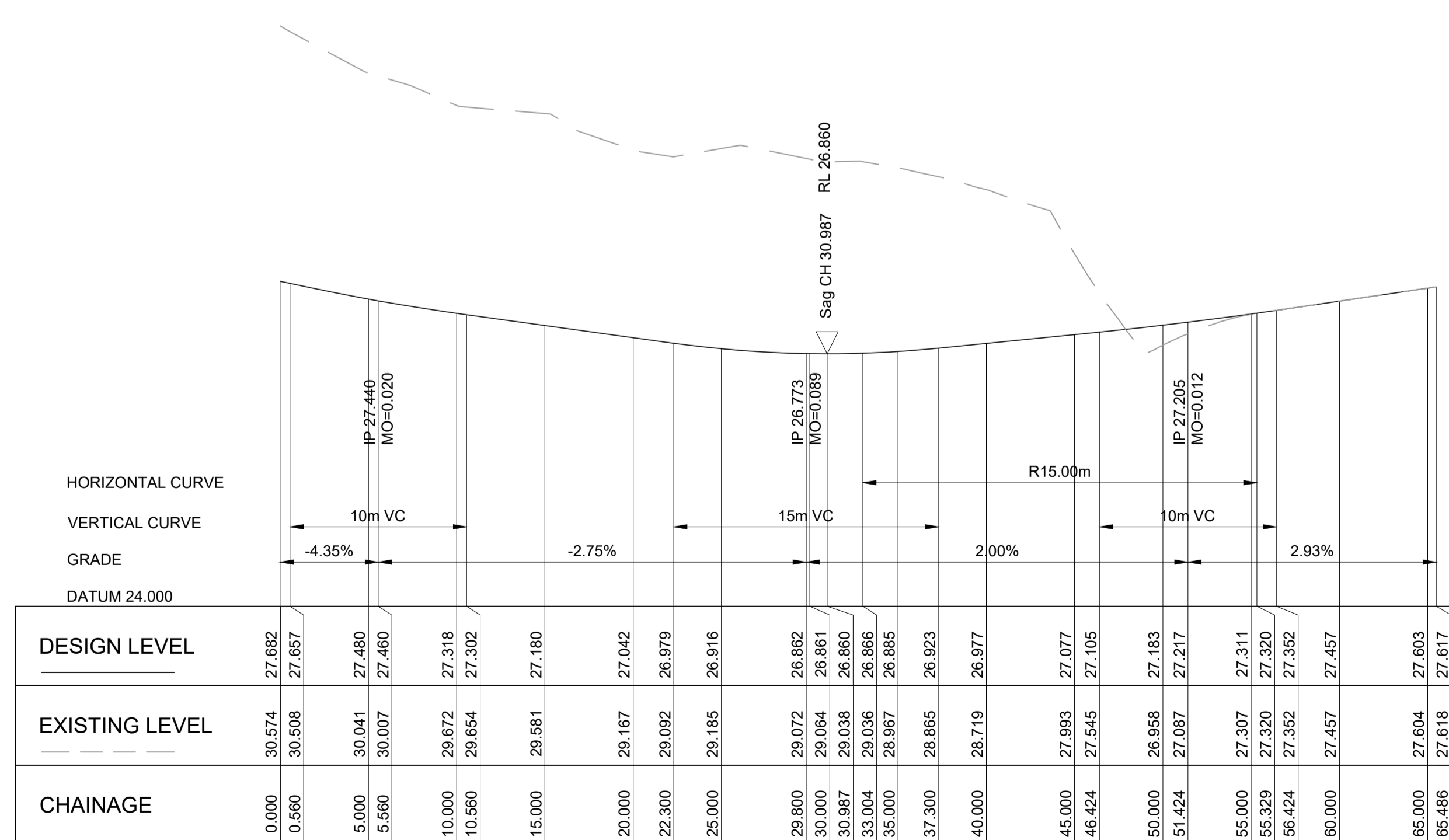
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| C | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |

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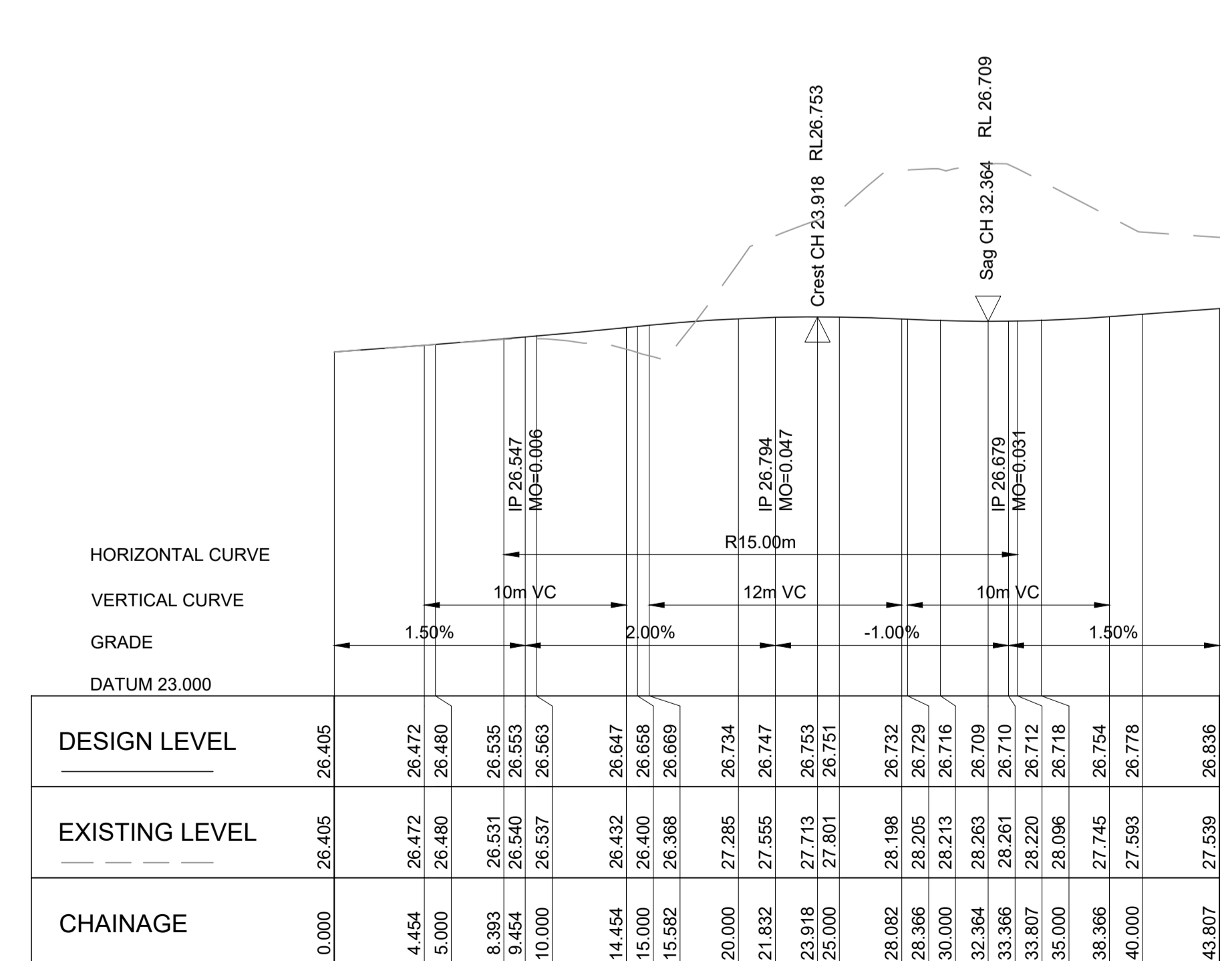
PROJECT
**CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT 123 DP1063557**

DRAWING TITLE
**KERB RETURN PLANS AND
SECTIONS - SHEET 2**

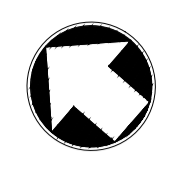
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| DRAWING NO. 24-107-DA-STG5-C221 | REV C | |



1:250 Hor - 1:50 Ver
LONGITUDINAL SECTION ALONG KR 03

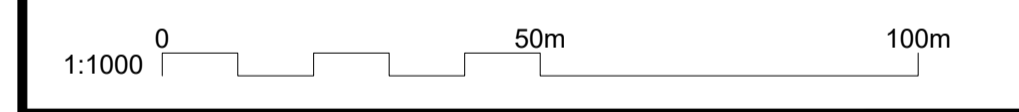
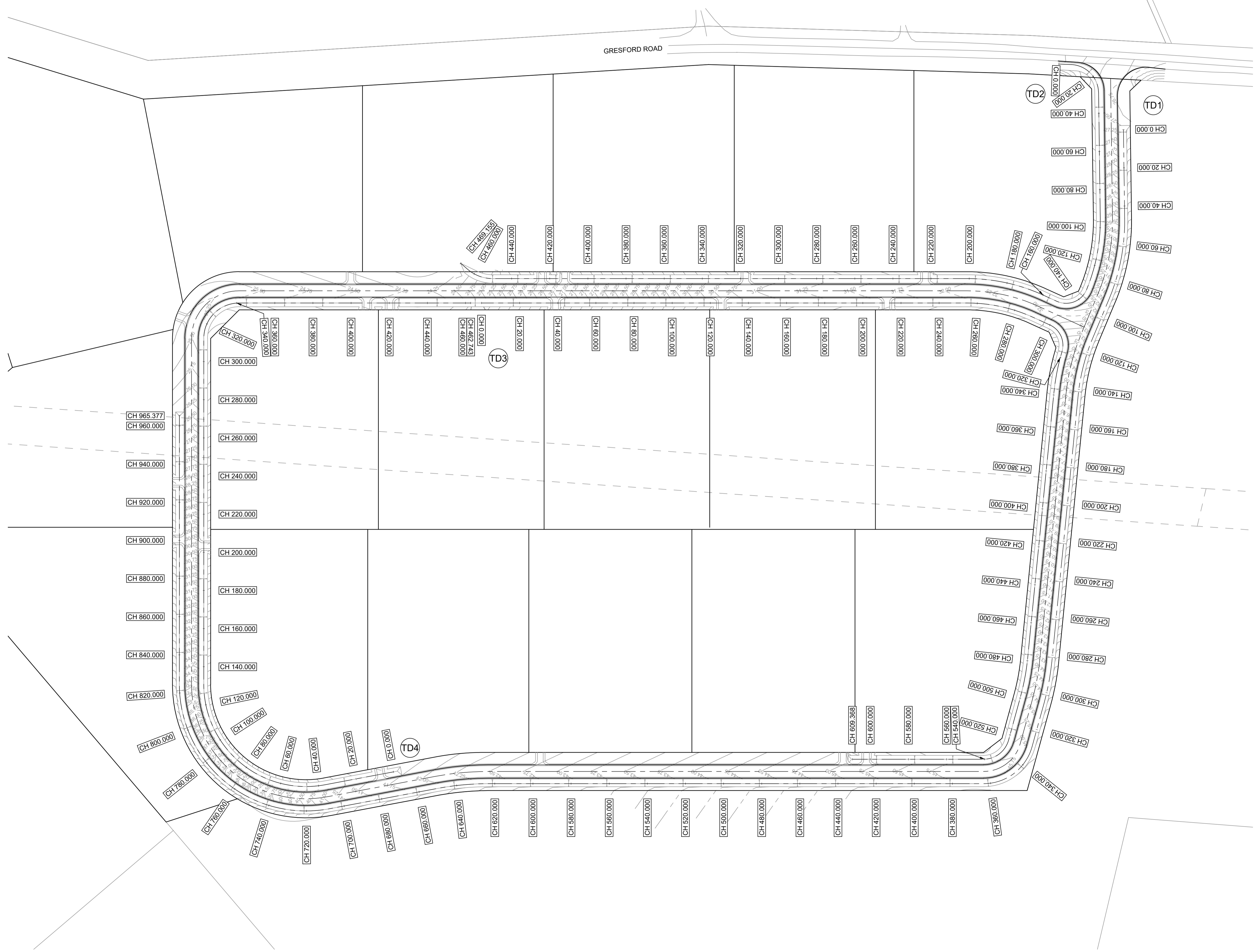


1:250 Hor - 1:50 Ver
LONGITUDINAL SECTION ALONG KR 04



LEGEND

TD1 TABLE DRAIN NUMBER



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
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| A | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |

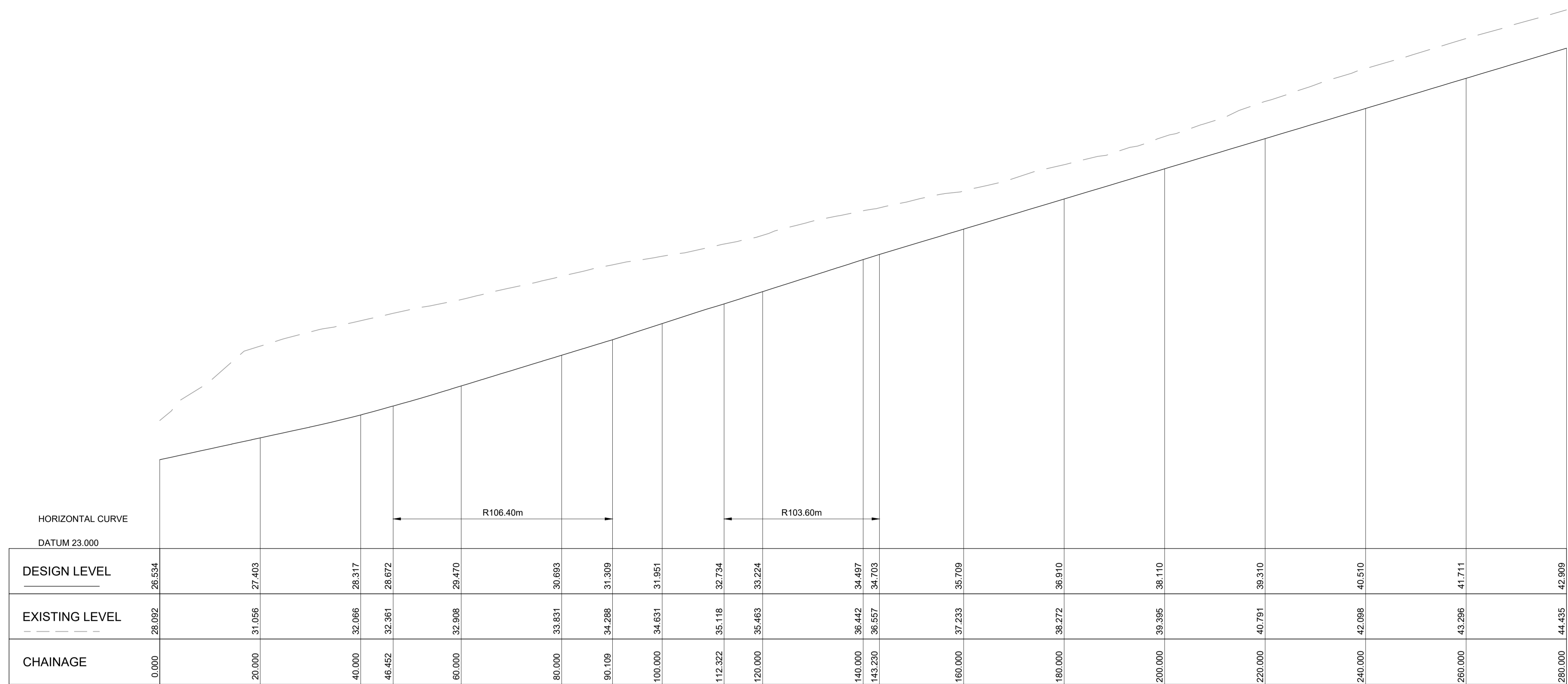


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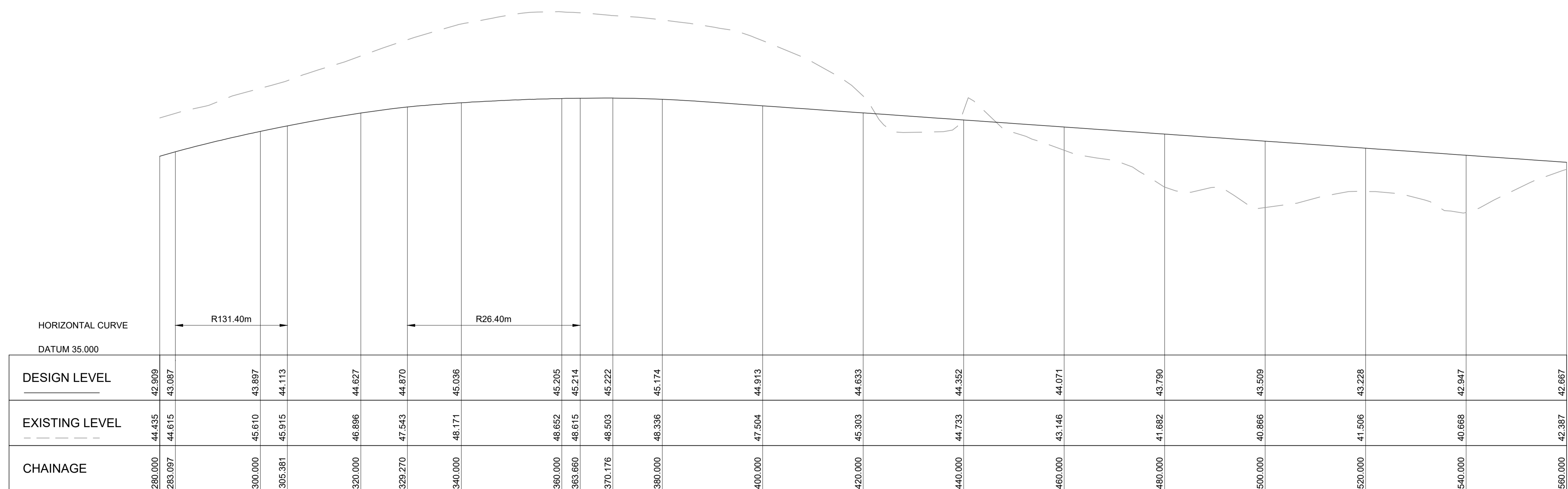
PROJECT
**CORNISH GROUP
 VACY VILLAGE SOUTH STAGE 5
 589 GRESFORD ROAD
 LOT123 DP1063557**

DRAWING TITLE
**TABLE DRAIN PLANS AND
 SECTIONS - SHEET 1**

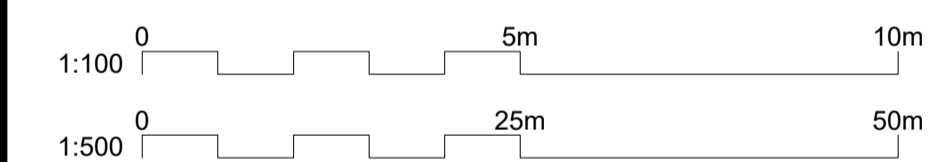
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| DRAWING NO. 24-107-DA-STG5-C250 | REV B | |



1:500 Hor - 1:100 Ver
LONGITUDINAL SECTION ALONG TD1



1:500 Hor - 1:100 Ver
LONGITUDINAL SECTION ALONG TD1 (CONTINUATION)



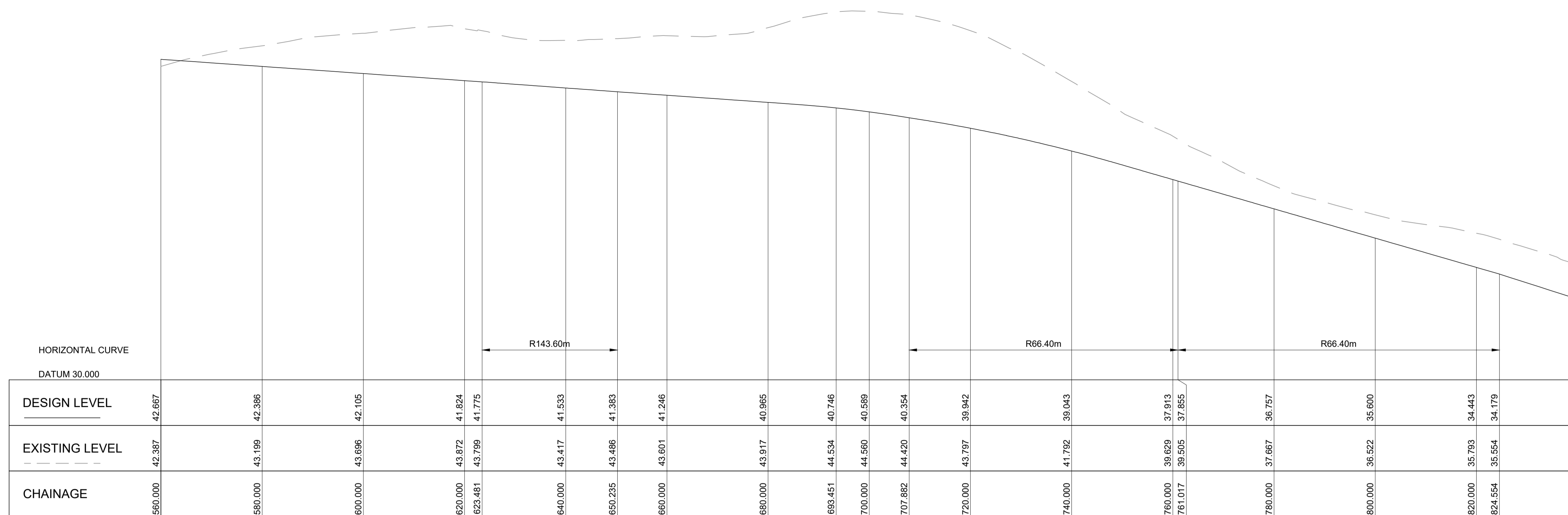
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|-----|----------|------------------------|-------|-------|------|
| B | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |


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PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT 123 DP1063557

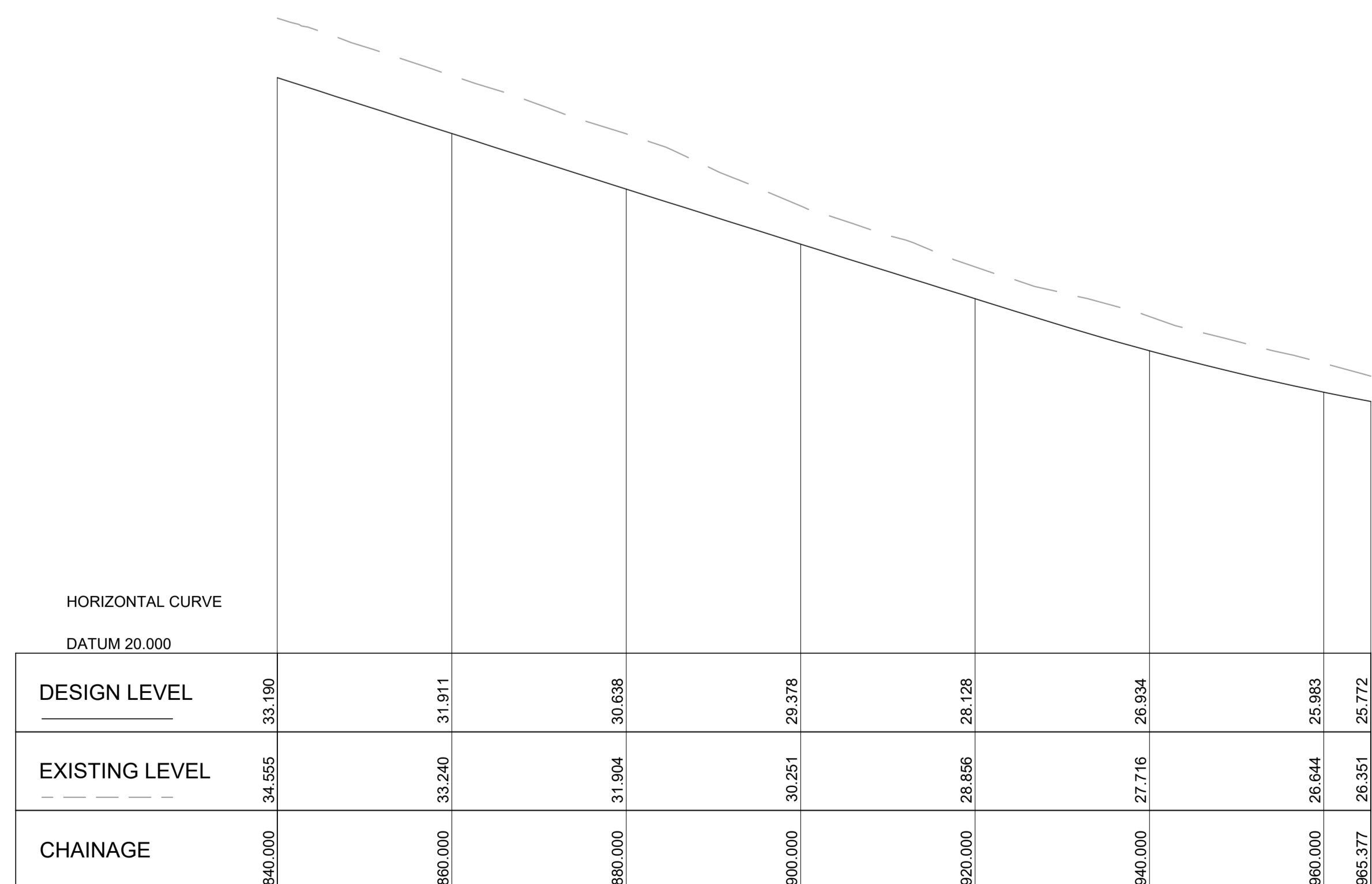
DRAWING TITLE
TABLE DRAIN PLANS AND SECTIONS - SHEET 2

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|-------------|---------------------|--------|----|------|----|
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| DRAWING NO. | 24-107-DA-STG5-C251 | REV | B | | |



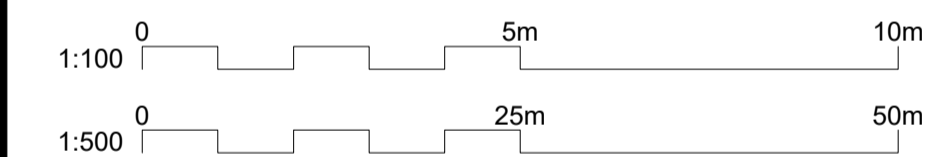
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LONGITUDINAL SECTION ALONG TD1 (CONTINUATION)



1:500 Hor - 1:100 Ver

LONGITUDINAL SECTION ALONG TD1 (CONTINUATION)



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| B | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |


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589 GRESFROD ROAD
LOT123 DP1063557

DRAWING TITLE
TABLE DRAIN PLANS AND SECTIONS - SHEET 3

| | | | | | |
|-------------|---------------------|--------|----|------|----|
| SCALE | AS SHOWN | STATUS | DA | SIZE | A1 |
| DRAWING NO. | 24-107-DA-STG5-C252 | REV | B | | |

MATCH TO EXISTING LEVEL AND MAKE SMOOTH TRANSITION

HORIZONTAL CURVE

DATUM 20.000

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| DESIGN LEVEL | 27.268 | 27.076 | 26.789 | 26.624 | 26.611 | 26.642 | 27.022 | 27.892 | 28.672 | 28.980 | 30.363 | 31.246 | 31.620 | 31.638 | 31.864 | 31.797 | 31.796 | 31.605 | 31.417 | 31.406 | 31.217 | 31.017 | 30.817 | 30.617 |
| EXISTING LEVEL | 27.252 | 27.074 | 26.748 | 26.624 | 26.611 | 26.490 | 30.636 | 31.769 | 32.499 | 32.716 | 33.647 | 34.194 | 34.372 | 34.383 | 34.440 | 34.206 | 34.202 | 33.573 | 33.030 | 33.008 | 32.689 | 32.479 | 32.210 | 31.941 |
| CHAINAGE | 0.000 | 6.428 | 20.000 | 29.208 | 31.745 | 40.000 | 60.000 | 80.000 | 95.204 | 100.000 | 120.000 | 133.448 | 140.000 | 140.469 | 152.050 | 159.864 | 160.000 | 180.000 | 200.000 | 201.123 | 220.000 | 240.000 | 260.000 | 280.000 |

1:500 Hor - 1:100 Ver

LONGITUDINAL SECTION ALONG TD2

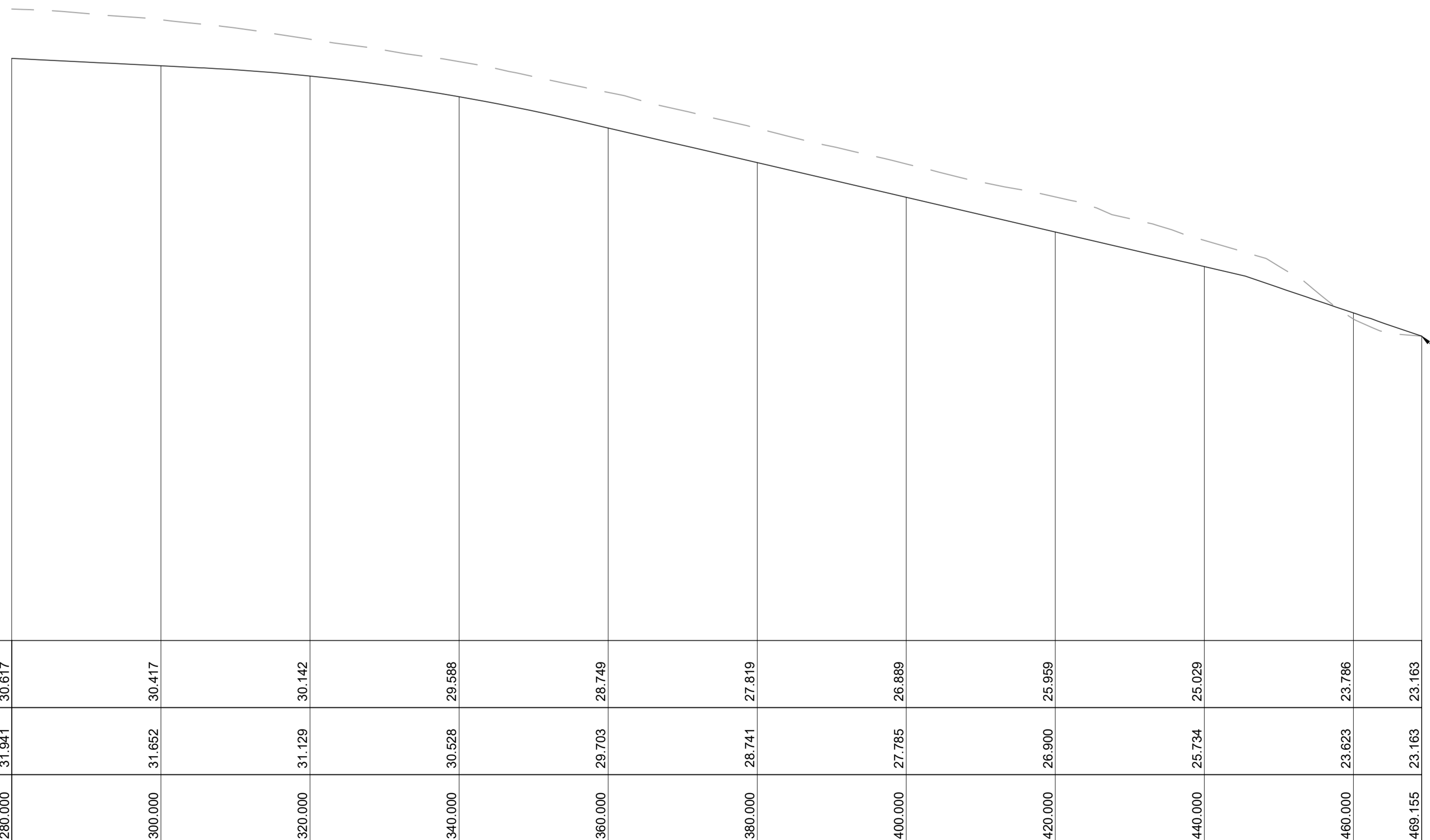
R15.00m

R93.60m

R11.60m

R11.60m

R96.40m



MATCH TO EXISTING LEVEL AND MAKE SMOOTH TRANSITION

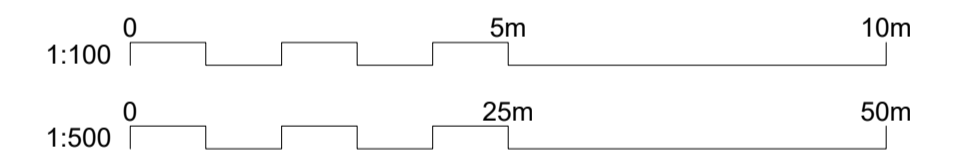
HORIZONTAL CURVE

DATUM 15.000

| | | | | | | | | | | | |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| DESIGN LEVEL | 30.617 | 30.417 | 30.142 | 29.588 | 28.749 | 27.819 | 26.889 | 25.959 | 25.029 | 23.786 | 23.163 |
| EXISTING LEVEL | 31.941 | 31.652 | 31.129 | 30.528 | 29.703 | 28.741 | 27.765 | 26.900 | 25.734 | 23.623 | 23.163 |
| CHAINAGE | 280.000 | 300.000 | 320.000 | 340.000 | 360.000 | 380.000 | 400.000 | 420.000 | 440.000 | 460.000 | 469.155 |

1:500 Hor - 1:100 Ver

LONGITUDINAL SECTION ALONG TD2 (CONTINUATION)



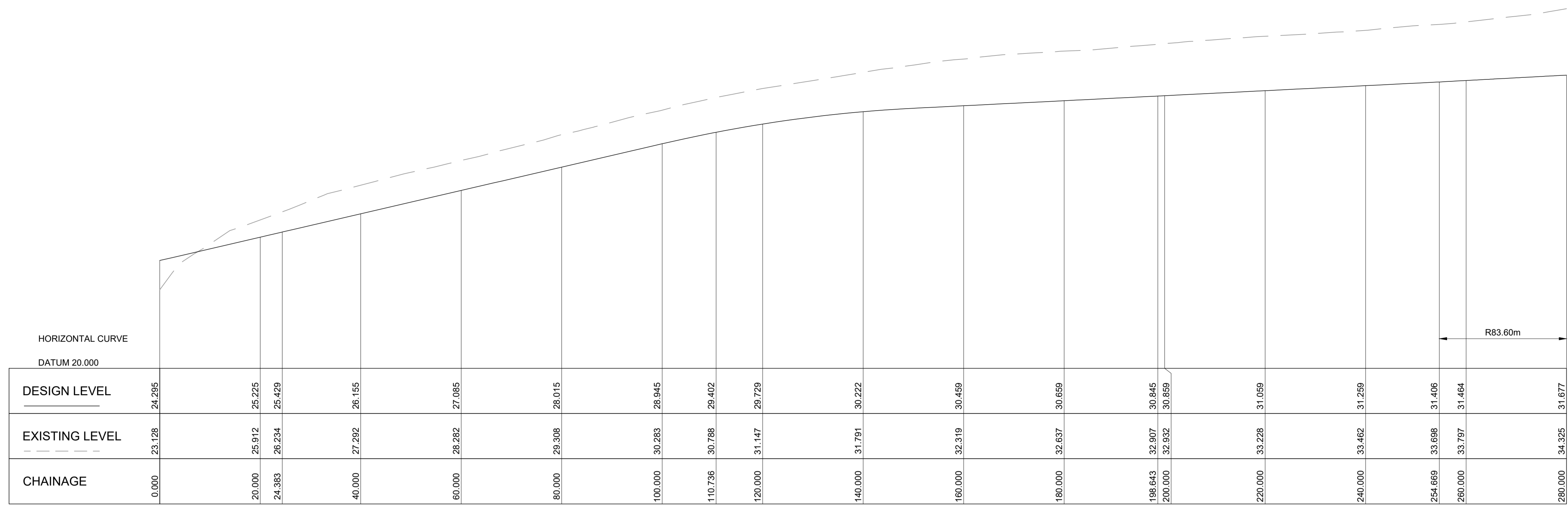
| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| B | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |


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PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557

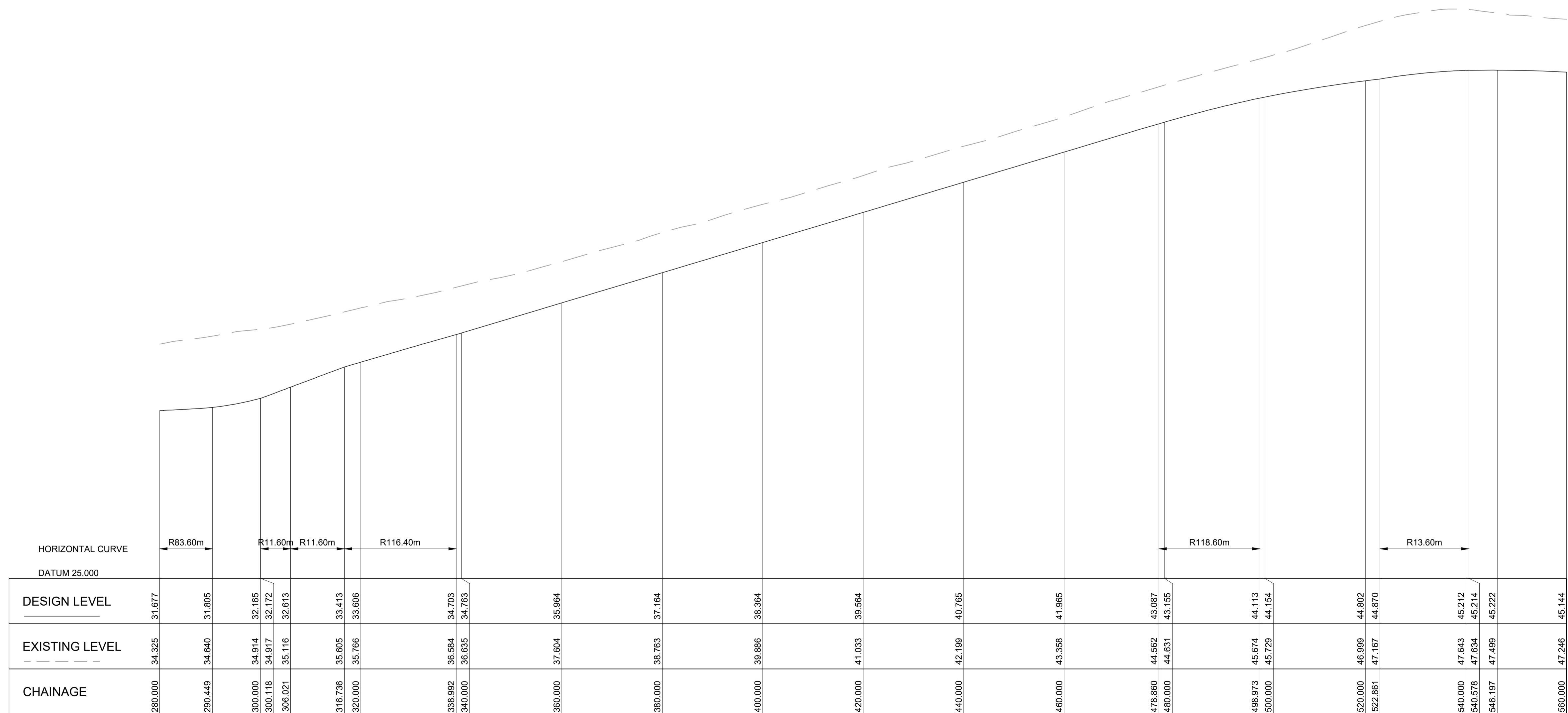
DRAWING TITLE
TABLE DRAIN PLANS AND SECTIONS - SHEET 4

| | | | | | |
|-------------|---------------------|--------|----|------|----|
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| DRAWING NO. | 24-107-DA-STG5-C253 | REV | B | | |



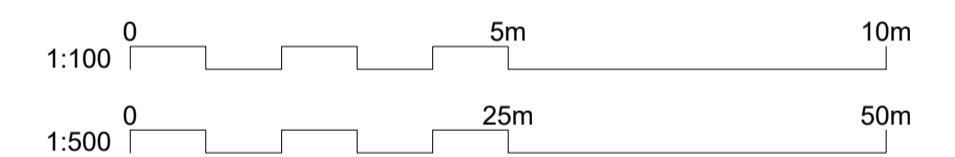
1:500 Hor - 1:100 Ver

LONGITUDINAL SECTION ALONG TD3



1:500 Hor - 1:100 Ver

LONGITUDINAL SECTION ALONG TD3 (CONTINUATION)



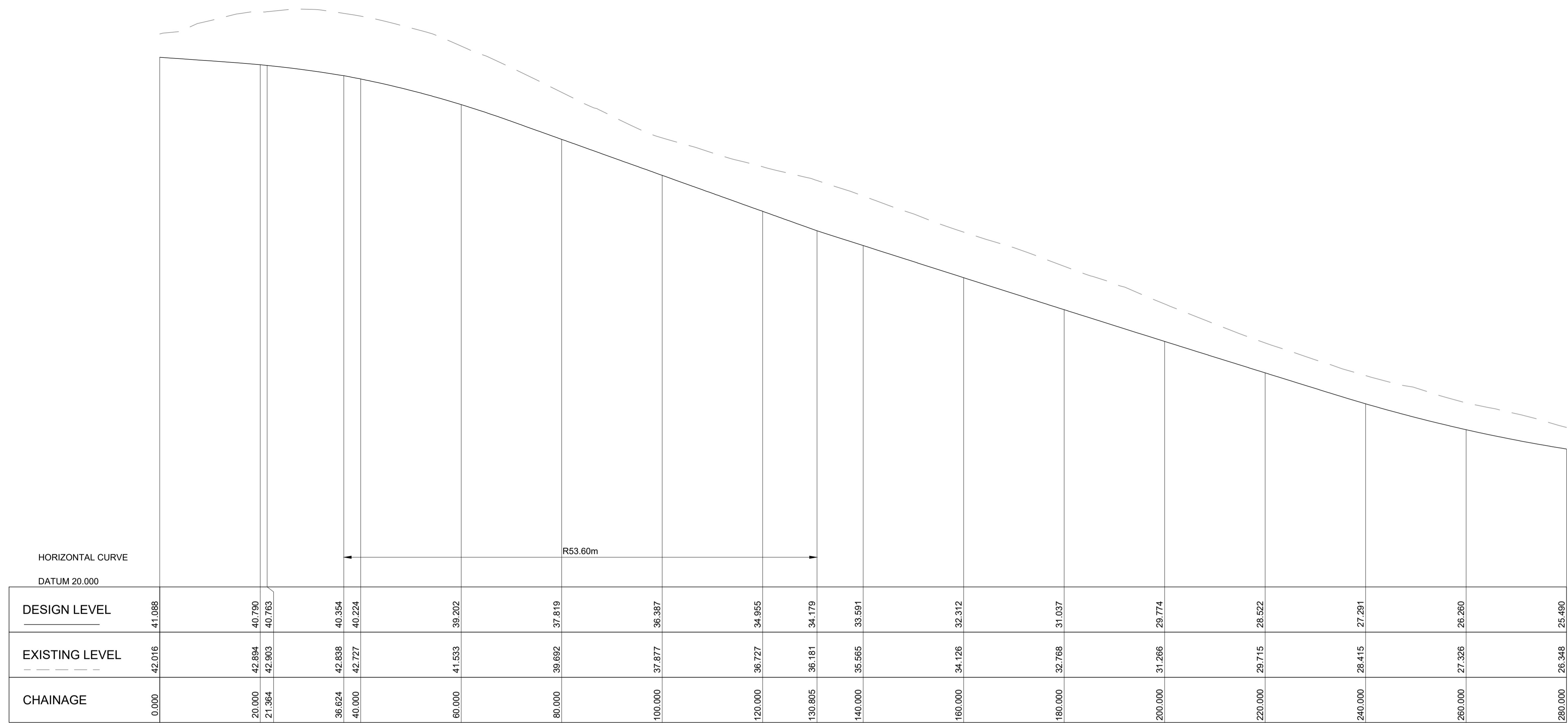
| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| B | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |

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w www.idcaus.com

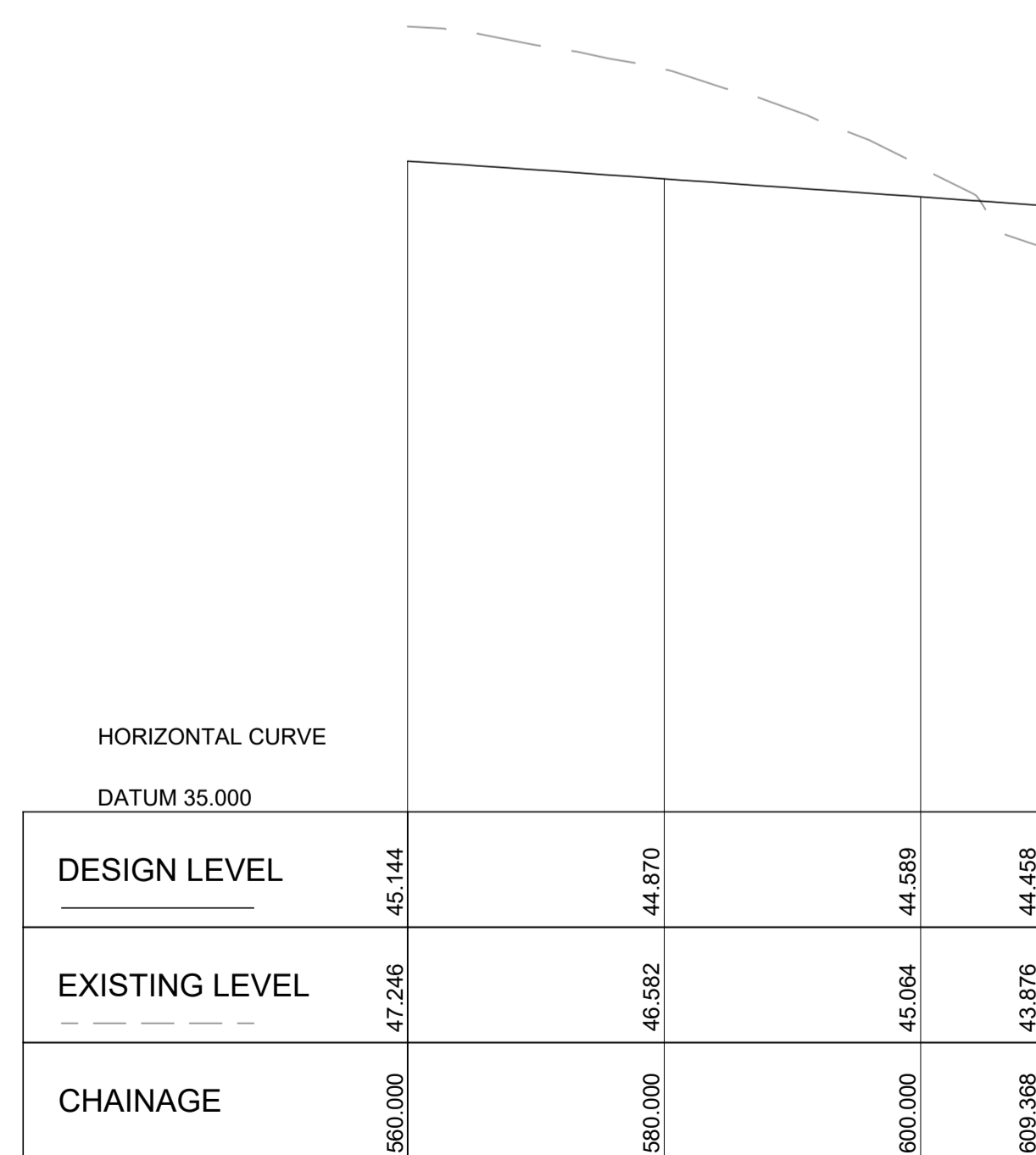
PROJECT
**CORNISH GROUP
 VACY VILLAGE SOUTH STAGE 5
 589 GRESFROD ROAD
 LOT123 DP1063557**

DRAWING TITLE
**TABLE DRAIN PLANS AND
 SECTIONS - SHEET 5**

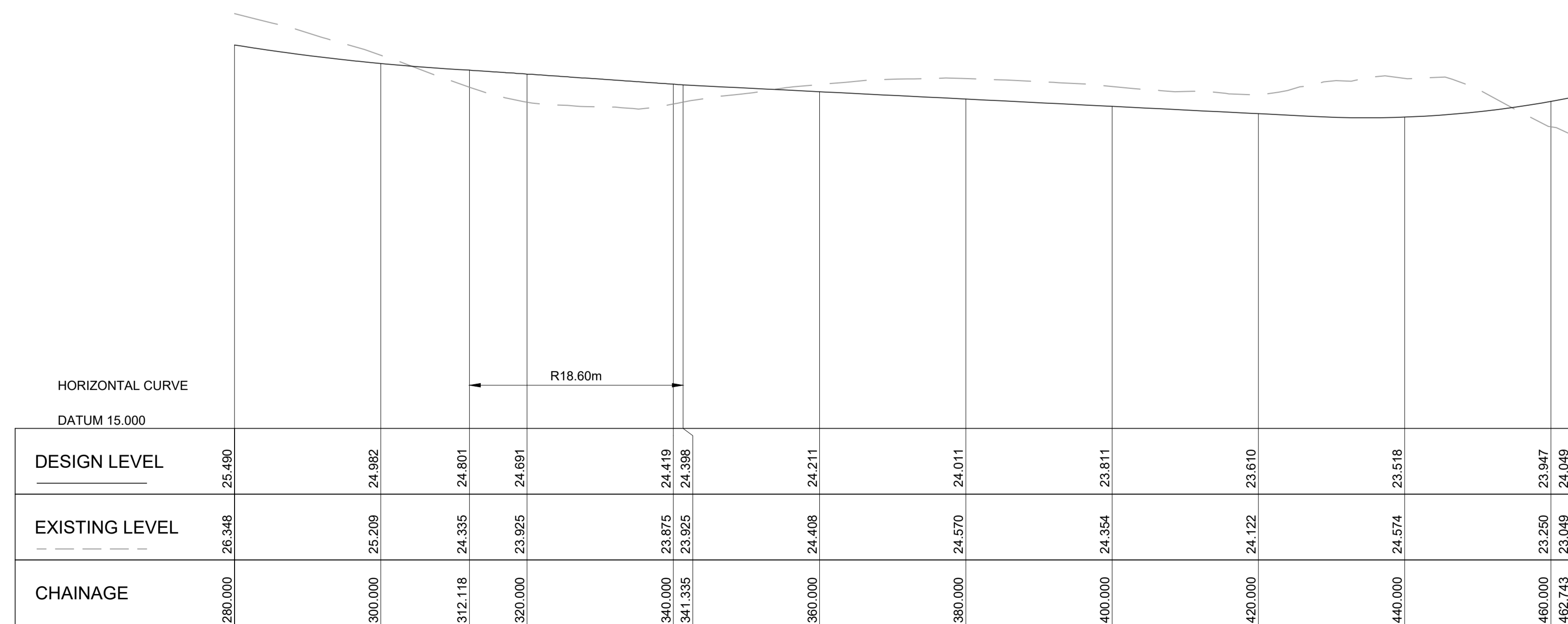
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|------------------------------------|--------------|------------|
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| DRAWING NO. 24-107-DA-STG5-C254 | REV B | |



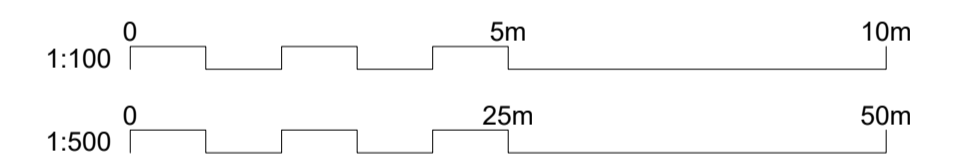
1:500 Hor - 1:100 Ver
LONGITUDINAL SECTION ALONG TD4



1:500 Hor - 1:100 Ver
LONGITUDINAL SECTION ALONG TD3 (CONTINUATION)



1:500 Hor - 1:100 Ver
LONGITUDINAL SECTION ALONG TD4 (CONTINUATION)



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| B | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |

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PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557

DRAWING TITLE
TABLE DRAIN PLANS AND
SECTIONS - SHEET 6

| | | |
|------------------------------------|--------------|------------|
| SCALE AS SHOWN | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C255 | REV B | |

CATCHMENT DATA

| NAME | PIT OR NODE | TOTAL AREA (ha) | PAVED AREA % | GRASS AREA % | 10yr ARI RESULTS | | | | 100yr ARI RESULTS | | | |
|----------|-------------|-----------------|--------------|--------------|---------------------|----------------|------------------|---|---------------------|----------------|------------------|---|
| | | | | | MAX FLOW Q (cu.m/s) | PAVED TC (min) | GRASSED TC (min) | DUE TO STORM | MAX FLOW Q (cu.m/s) | PAVED TC (min) | GRASSED TC (min) | DUE TO STORM |
| | | | | | | | | | | | | |
| C A2-A13 | A2 | 10.990 | 4.000 | 96.000 | 1.989 | 8.950 | 14.880 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 4.897 | 6.980 | 11.600 | AR&R 100 year, 20 minutes storm, average 143 mm/h, Zone 1 |
| C A4-A4b | A4 | 0.610 | 39.000 | 61.000 | 0.191 | 5.000 | 10.000 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.317 | 5.000 | 10.000 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| C A6 | A6-1 | 0.080 | 34.000 | 66.000 | 0.024 | 5.000 | 10.000 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.041 | 5.000 | 10.000 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| C B1 | B1-1 | 0.030 | 15.000 | 85.000 | 0.008 | 5.000 | 10.000 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.015 | 5.000 | 10.000 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| C B2 | B2 | 0.060 | 54.000 | 46.000 | 0.020 | 5.000 | 10.000 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.033 | 5.000 | 10.000 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| C B2a | B2a | 0.570 | 25.000 | 75.000 | 0.165 | 5.000 | 10.000 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.285 | 5.000 | 10.000 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| C B3 | B3 | 0.520 | 12.000 | 88.000 | 0.139 | 5.000 | 10.000 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.251 | 5.000 | 10.000 | AR&R 100 year, 20 minutes storm, average 143 mm/h, Zone 1 |
| C C2 | C2 | 2.590 | 5.000 | 95.000 | 0.686 | 5.560 | 9.250 | AR&R 10 year, 20 minutes storm, average 86.8 mm/h, Zone 1 | 1.344 | 4.290 | 7.130 | AR&R 100 year, 15 minutes storm, average 166 mm/h, Zone 1 |
| C D2 | D2 | 3.950 | 5.000 | 95.000 | 1.046 | 5.560 | 9.250 | AR&R 10 year, 20 minutes storm, average 86.8 mm/h, Zone 1 | 2.049 | 4.290 | 7.130 | AR&R 100 year, 15 minutes storm, average 166 mm/h, Zone 1 |
| C E1-E4 | E1 | 0.370 | 34.000 | 66.000 | 0.113 | 5.000 | 10.000 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.190 | 5.000 | 10.000 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| C F1 | F1 | 0.210 | 40.000 | 60.000 | 0.066 | 5.000 | 10.000 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.110 | 5.000 | 10.000 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |

OVERLAND FLOW DATA

| NAME | FROM | TO | 10yr ARI RESULTS | | | | | 100yr ARI RESULTS | | | | | | |
|---------|---------|---------|------------------|-----------|-------|---------|-------|---|-----------|-----------|-------|---------|-------|---|
| | | | MAX Q U/S | MAX Q D/S | MAX D | MAX DxV | MAX V | DUE TO STORM | MAX Q U/S | MAX Q D/S | MAX D | MAX DxV | MAX V | DUE TO STORM |
| | | | | | | | | | | | | | | |
| F A1 | A1 | N136581 | 3.869 | 3.869 | 0.165 | 0.270 | 1.620 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 8.452 | 8.452 | 0.236 | 0.490 | 2.070 | AR&R 100 year, 20 minutes storm, average 143 mm/h, Zone 1 |
| F A2 | A2 | A1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.541 | 1.541 | 0.062 | 0.180 | 2.890 | AR&R 100 year, 20 minutes storm, average 143 mm/h, Zone 1 |
| F A3 | A3 | N144767 | 0.205 | 0.205 | 0.308 | 0.170 | 0.540 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.299 | 0.299 | 0.356 | 0.210 | 0.590 | AR&R 100 year, 15 minutes storm, average 166 mm/h, Zone 1 |
| F A4 | A4 | F1 | 0.000 | 0.066 | 0.026 | 0.010 | 0.470 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.046 | 0.154 | 0.038 | 0.020 | 0.610 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| F A5 | A5 | A4 | 0.024 | 0.205 | 0.130 | 0.390 | 3.020 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.041 | 0.345 | 0.158 | 0.550 | 3.470 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| F A6 | A6 | A5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| F A6-1 | A6-1 | A6 | 0.024 | 0.024 | 0.124 | 0.050 | 0.390 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.041 | 0.041 | 0.151 | 0.070 | 0.450 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| F B1 | B1 | N136609 | 0.331 | 0.331 | 0.053 | 0.040 | 0.780 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.578 | 0.578 | 0.069 | 0.060 | 0.920 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| F B1-1 | B1-1 | B1 | 0.008 | 0.008 | 0.011 | 0.000 | 0.240 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.015 | 0.015 | 0.014 | 0.000 | 0.280 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| F B2 | B2 | B1 | 0.044 | 0.044 | 0.012 | 0.010 | 1.070 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.140 | 0.140 | 0.020 | 0.030 | 1.550 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| F B2a | B2a | B2 | 0.045 | 0.055 | 0.152 | 0.090 | 0.590 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.142 | 0.158 | 0.226 | 0.170 | 0.770 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| F B3 | B3 | B2 | 0.000 | 0.010 | 0.010 | 0.000 | 0.370 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.012 | 0.028 | 0.014 | 0.010 | 0.540 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| F C1 | C1 | N146015 | 0.684 | 0.684 | 0.046 | 0.090 | 1.990 | AR&R 10 year, 20 minutes storm, average 86.8 mm/h, Zone 1 | 1.337 | 1.337 | 0.062 | 0.150 | 2.470 | AR&R 100 year, 15 minutes storm, average 166 mm/h, Zone 1 |
| F C2 | C2 | C1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| F D1 | D1 | N146015 | 1.044 | 1.044 | 0.055 | 0.130 | 2.340 | AR&R 10 year, 20 minutes storm, average 86.8 mm/h, Zone 1 | 2.040 | 2.040 | 0.074 | 0.220 | 2.920 | AR&R 100 year, 15 minutes storm, average 166 mm/h, Zone 1 |
| F D2 | D2 | D1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| F E1 | E1 | N136581 | 0.113 | 0.113 | 0.033 | 0.020 | 0.550 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.190 | 0.190 | 0.041 | 0.030 | 0.650 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| F F1 | F1 | N136581 | 0.066 | 0.066 | 0.026 | 0.010 | 0.470 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 0.153 | 0.153 | 0.038 | 0.020 | 0.600 | AR&R 100 year, 25 minutes storm, average 126 mm/h, Zone 1 |
| OF62424 | N146015 | A2 | 1.727 | 3.680 | 0.110 | 0.320 | 2.910 | AR&R 10 year, 25 minutes storm, average 76.7 mm/h, Zone 1 | 3.377 | 8.156 | 0.157 | 0.580 | 3.700 | AR&R 100 year, 20 minutes storm, average 143 mm/h, Zone 1 |

| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| B | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |

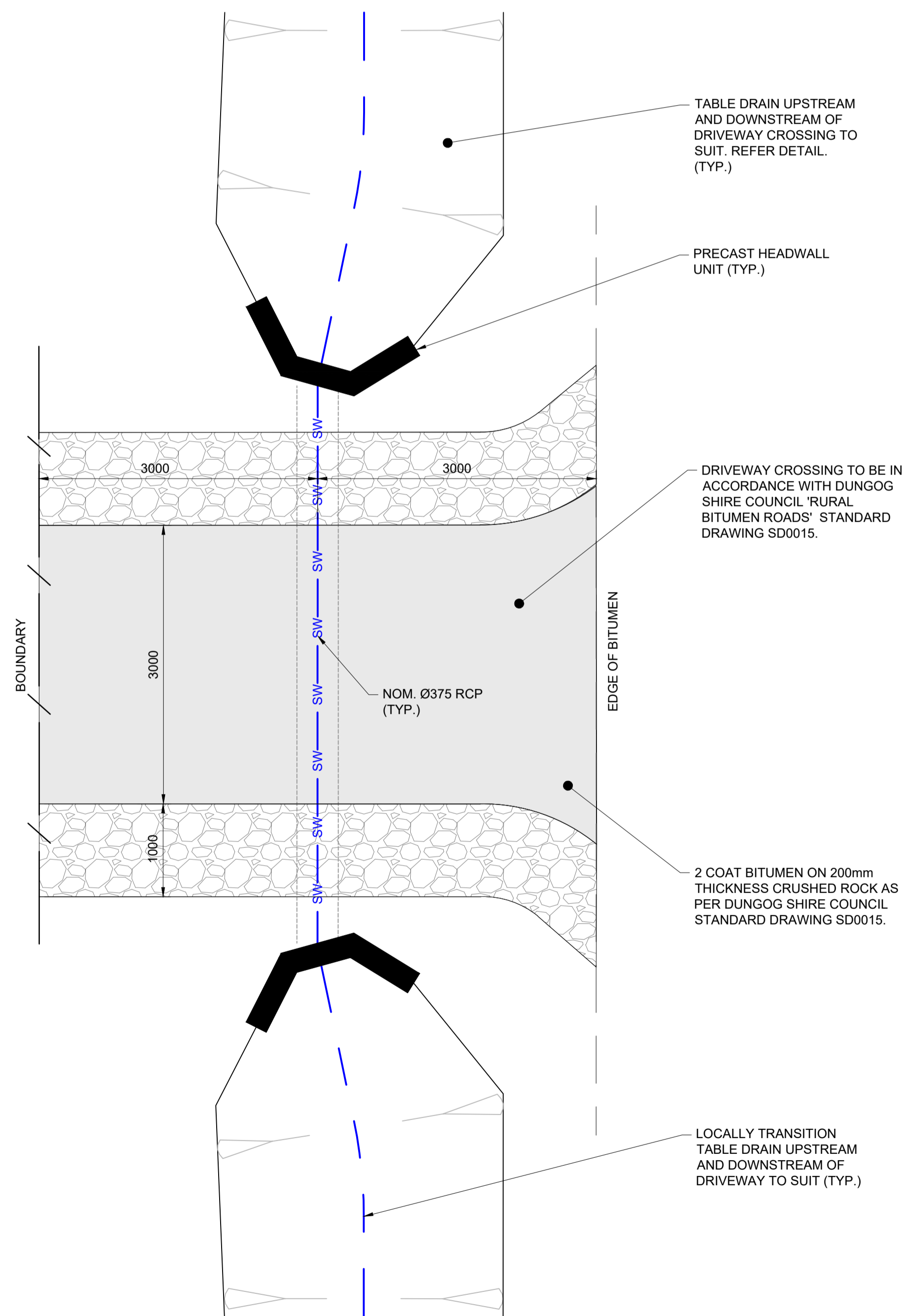


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w www.idcaus.com

PROJECT
**CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT 123 DP1063557**

DRAWING TITLE
**DRAINAGE CALCULATIONS
SHEET 2**

| | | |
|----------------------------|----------|------|
| SCALE | STATUS | SIZE |
| | DA | A1 |
| DRAWING NO. | REV | |
| 24-107-DA-STG5-C351 | B | |



VEHICLE CROSSING DETAIL
1:40

TABLE DRAIN UPSTREAM AND DOWNSTREAM OF DRIVEWAY CROSSING TO SUIT. REFER DETAIL. (TYP.)

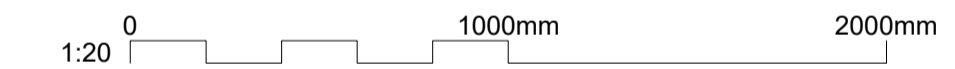
PRECAST HEADWALL UNIT (TYP.)

DRIVEWAY CROSSING TO BE IN ACCORDANCE WITH DUNGOG SHIRE COUNCIL 'RURAL BITUMEN ROADS' STANDARD DRAWING SD0015.

NOM. Ø375 RCP (TYP.)

2 COAT BITUMEN ON 200mm THICKNESS CRUSHED ROCK AS PER DUNGOG SHIRE COUNCIL STANDARD DRAWING SD0015.

LOCALLY TRANSITION TABLE DRAIN UPSTREAM AND DOWNSTREAM OF DRIVEWAY TO SUIT (TYP.)



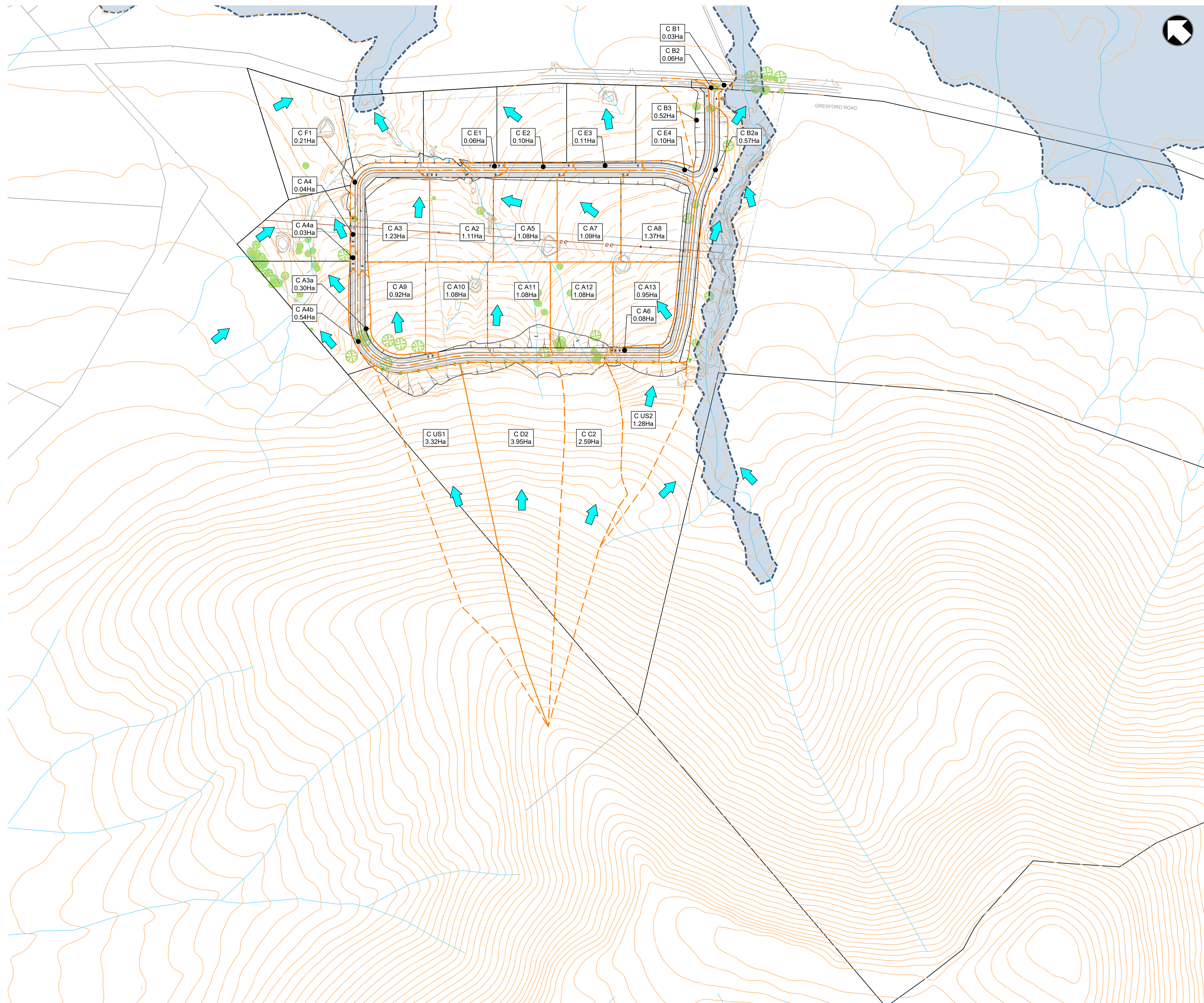
| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| B | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |


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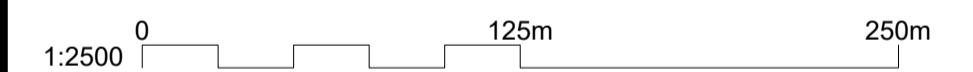
PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557

DRAWING TITLE
SITWORKS AND STORMWATER
DETAILS - SHEET 2

| | | |
|---------------------|--------|------|
| SCALE | STATUS | SIZE |
| AS SHOWN | DA | A1 |
| DRAWING NO. | REV | |
| 24-107-DA-STG5-C401 | B | |



| LEGEND | |
|--------|--|
| | EXISTING WATERCOURSE |
| | DRAINS CATCHMENT BOUNDARY |
| | DRAINS CATCHMENT LABEL CATCHMENT AREA |
| | CATCHMENT FLOW |
| | 100 YEAR FLOOD EXTENT |



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| C | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |


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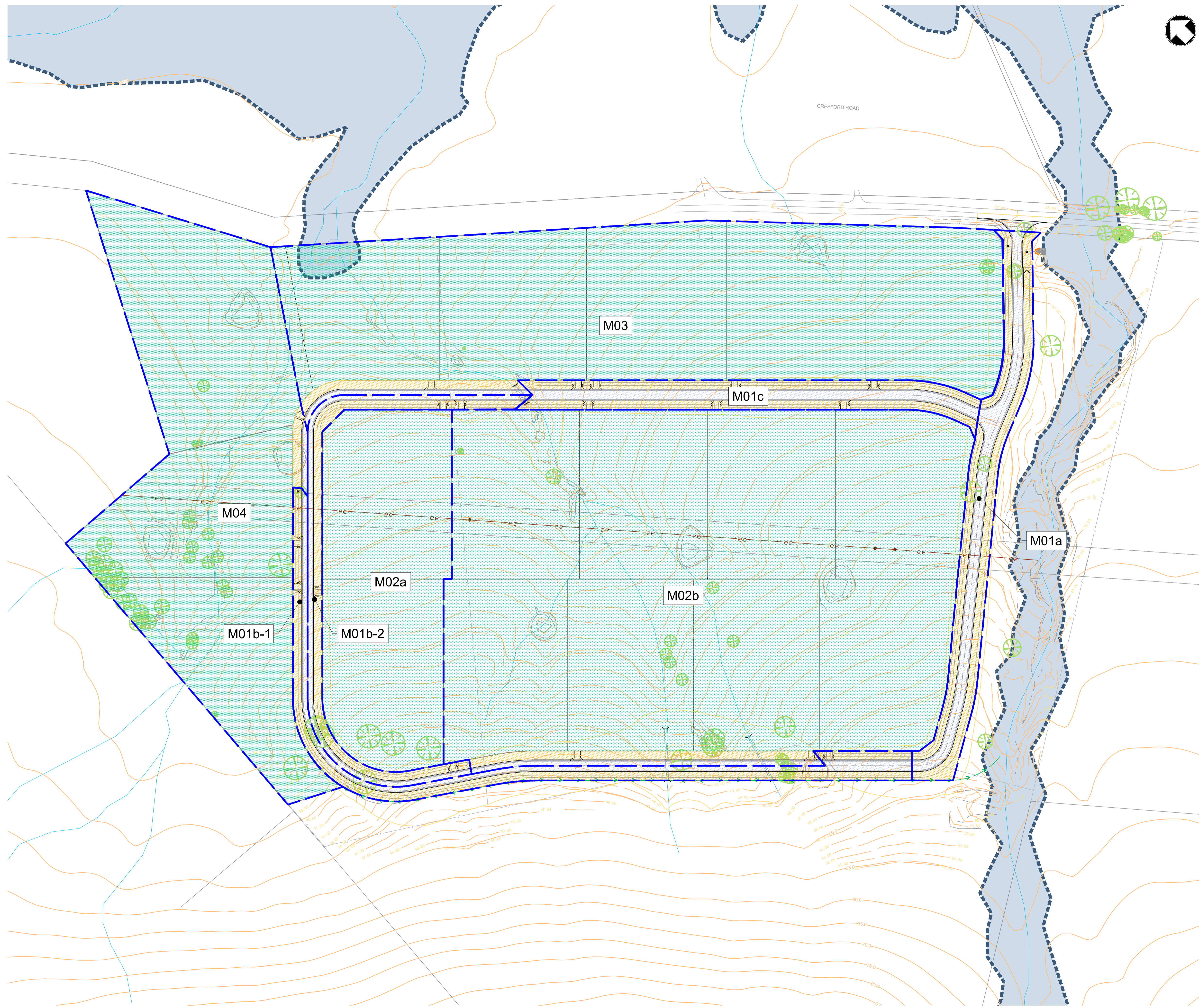
PROJECT
**CORNISH GROUP
 VACY VILLAGE SOUTH STAGE 5
 589 GRESFROD ROAD
 LOT123 DP1063557**

DRAWING TITLE
STORMWATER CATCHMENT PLAN

| | | |
|--------|--------|------|
| SCALE | STATUS | SIZE |
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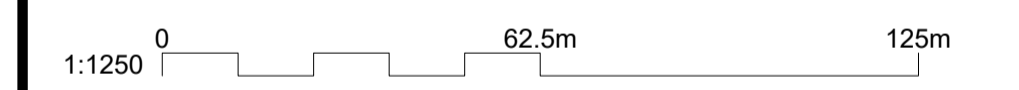
DRAWING NO.
24-107-DA-STG5-C510

REV
C



| CATCHMENT AREAS | |
|-------------------------------------|-----------|
| LANDUSE | AREA (ha) |
| ROAD | 1.22 |
| GRASSED TABLE DRAIN/VERGE | 1.80 |
| FUTURE LOW DENSITY RESIDENTIAL LOTS | 18.95 |
| TOTAL AREA | 21.97 |

| LEGEND | |
|--------|-------------------------------------|
| | MUSIC CATCHMENT BOUNDARY |
| | ROAD PAVEMENT |
| | GRASSED TABLE DRAIN/VERGE |
| | FUTURE LOW DENSITY RESIDENTIAL LOTS |



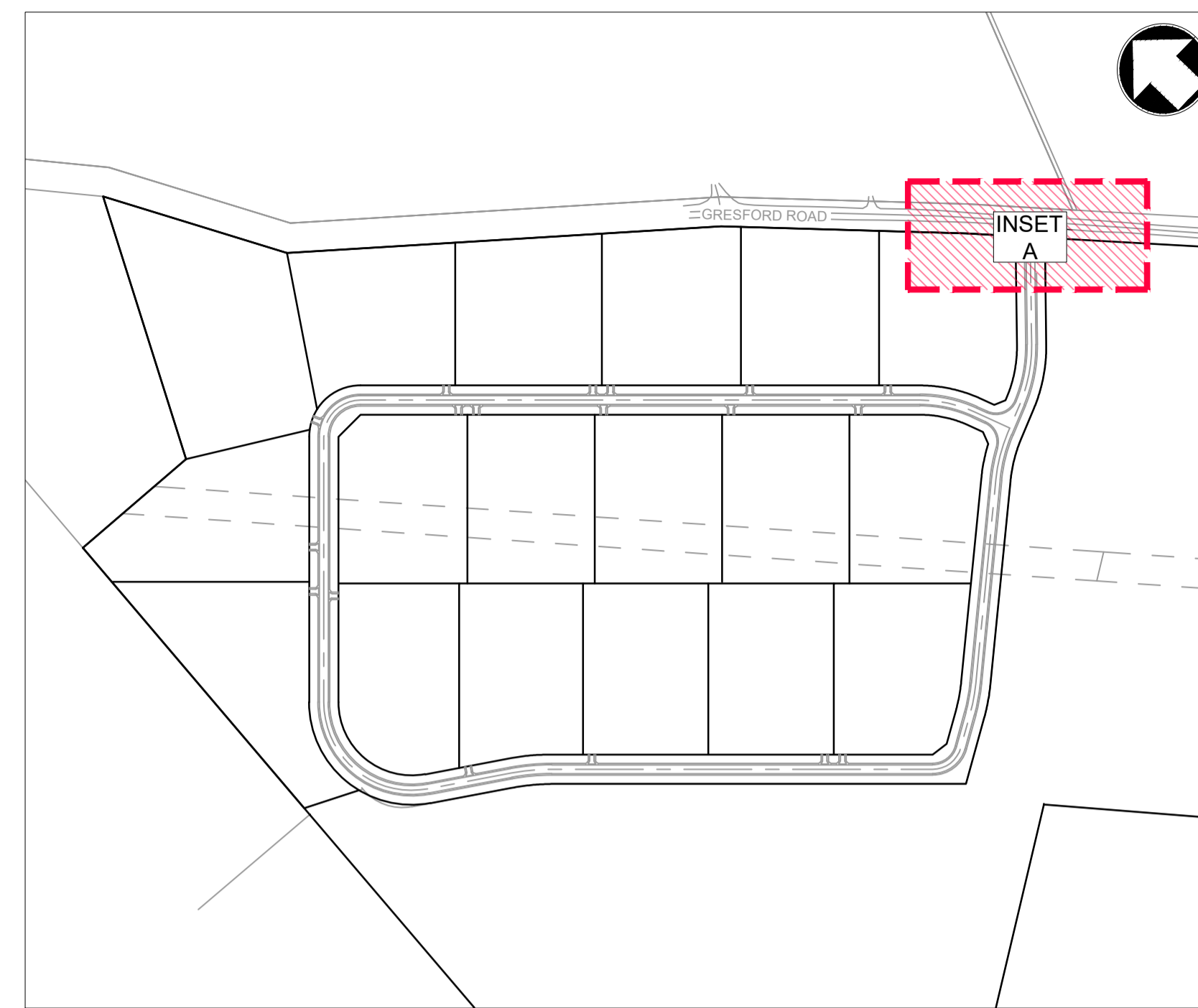
| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| B | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |


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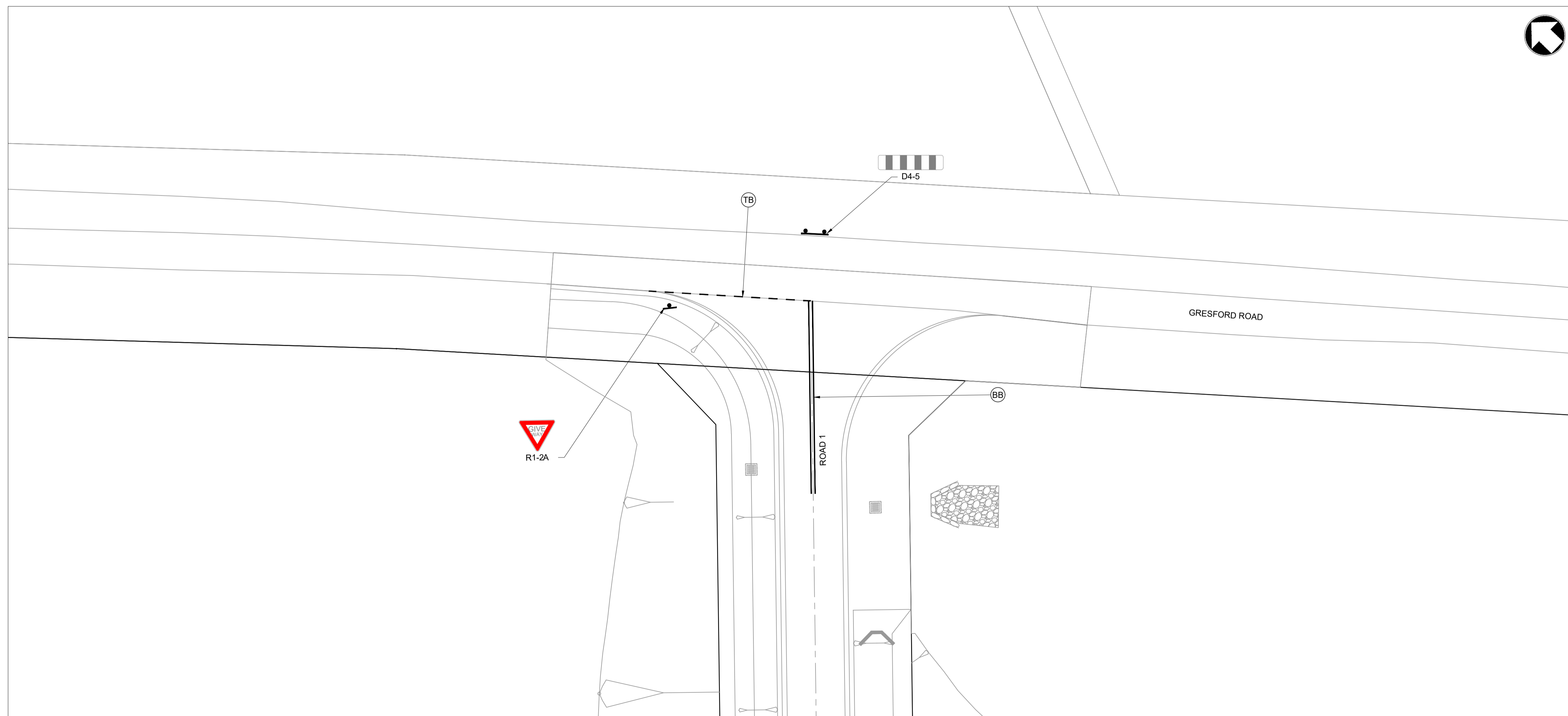
PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557

DRAWING TITLE
MUSIC CATCHMENT PLAN

| | | | | | |
|-------------|---------------------|--------|----|------|----|
| SCALE | 1:1250 | STATUS | DA | SIZE | A1 |
| DRAWING NO. | 24-107-DA-STG5-C530 | REV | B | | |







KEY PLAN
NTS



INSET A
1:250

LEGEND

ALL SIGNPOSTING TO BE IN ACCORDANCE WITH CURRENT RMS REGULATORY SIGNS MANUAL AND AS1742.2

-  TB HOLDING LINES
-  BB DOUBLE BARRIER LINE
-  R1-2A GIVE WAY
-  D4-5 OBSTRUCTION MARKER

NOTES:
DETAILS SHOWN ON THIS PLAN ARE INDICATIVE ONLY AND SUBJECT TO LTC APPROVAL

STREET SIGNS TO BE PROVIDED AT EACH INTERSECTION IN ACCORDANCE WITH COUNCIL REQUIREMENTS



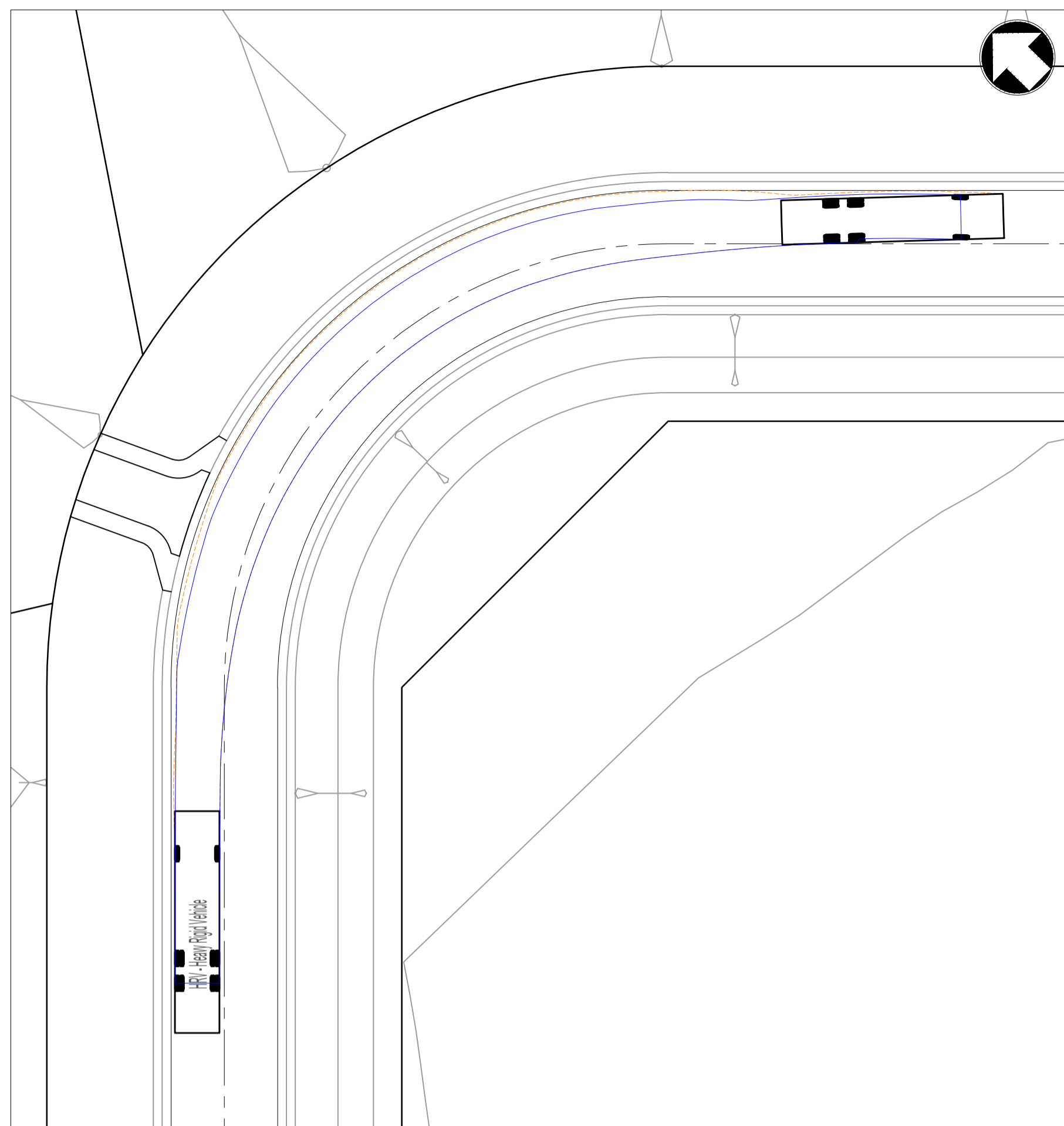
| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| C | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| B | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 15.12.25 | ISSUED FOR APPROVAL | VT | X | AH |


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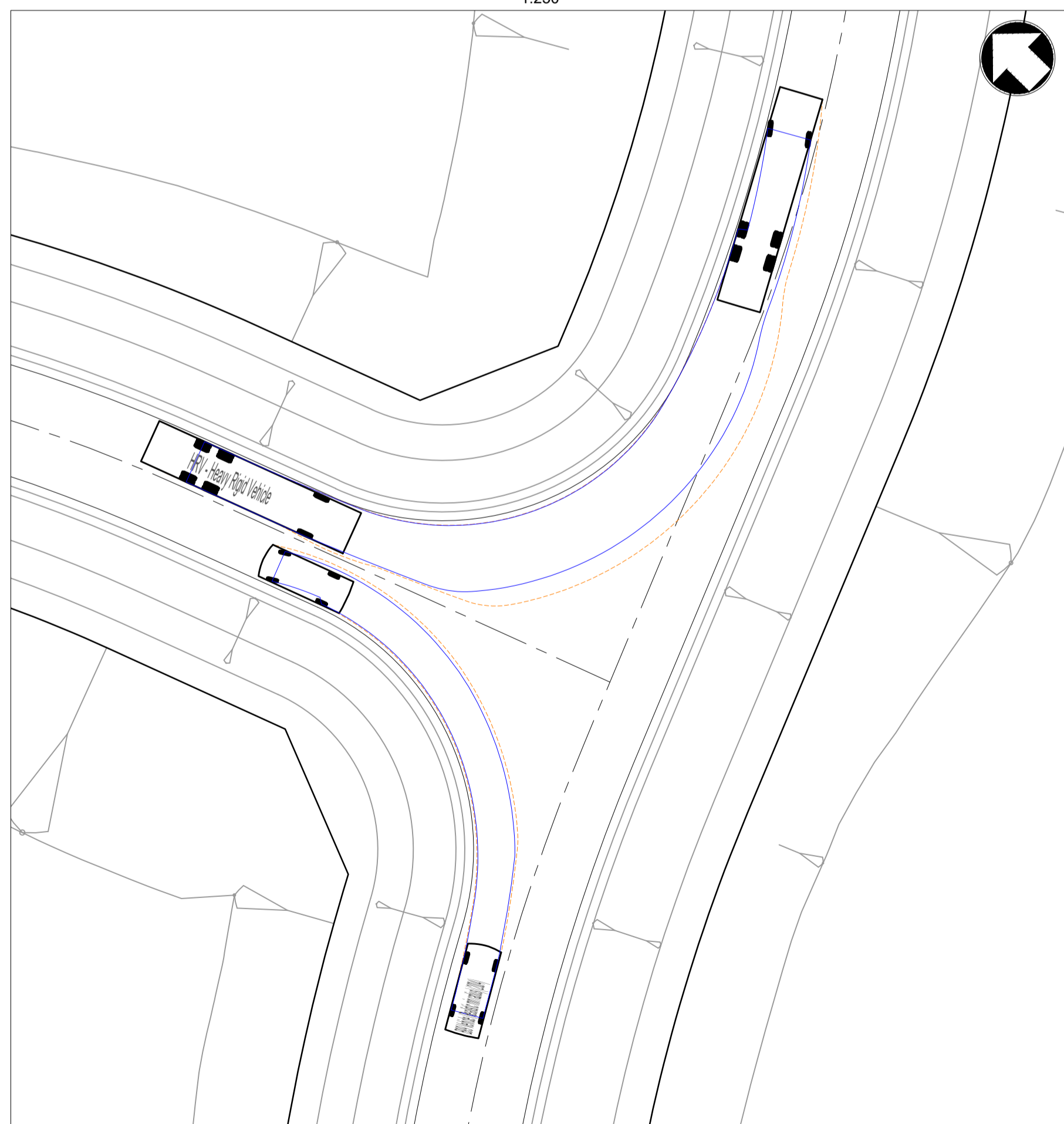
PROJECT
CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFORD ROAD
LOT123 DP1063557

DRAWING TITLE
SIGNAGE AND LINEMARKING PLAN

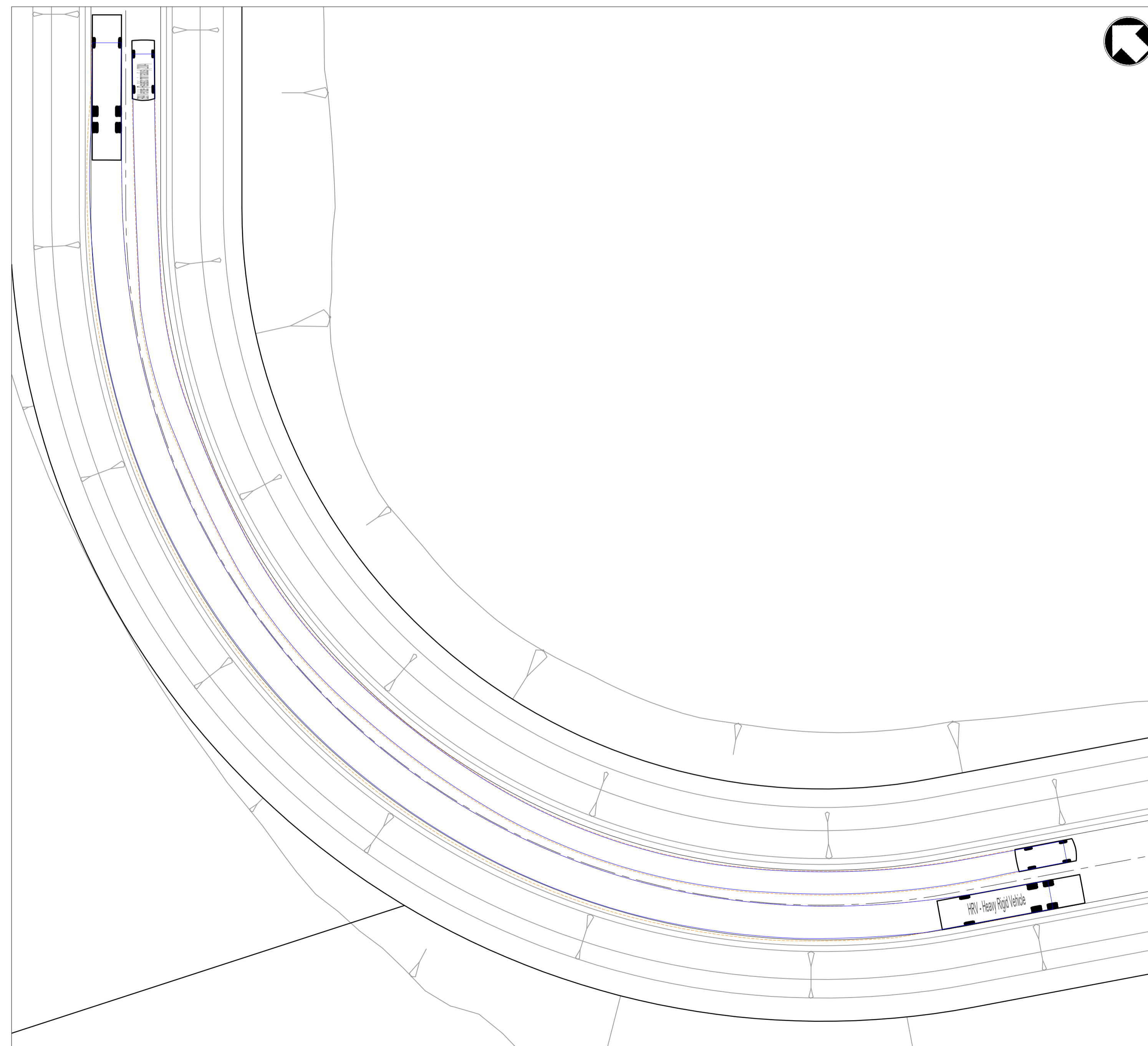
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| SCALE AS SHOWN | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C600 | REV C | |



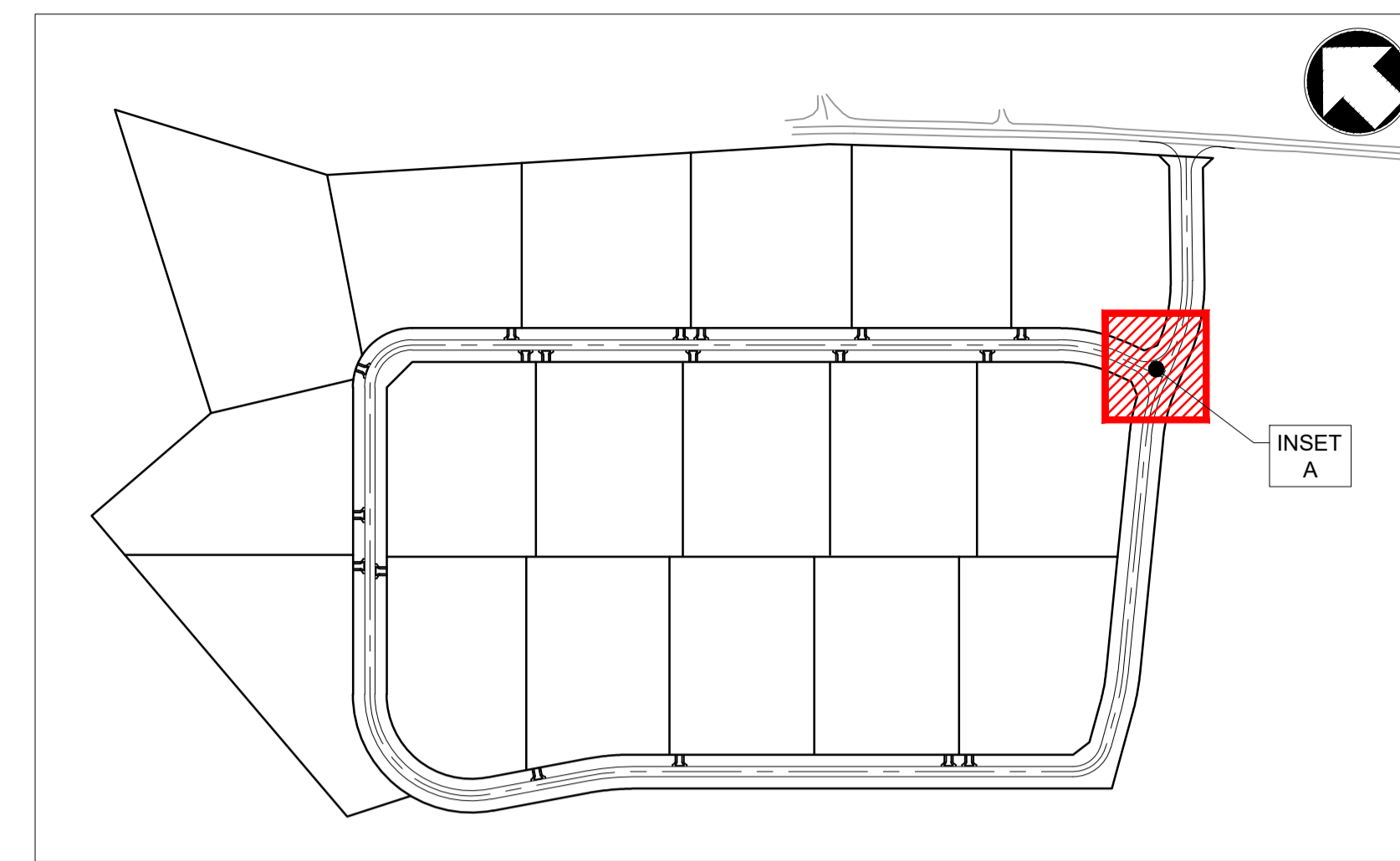
INSET A
HRV AND B99
1:250



INSET A
HRV AND B99
1:250



INSET A
HRV AND B99
1:250



KEY PLAN
NTS

LEGEND

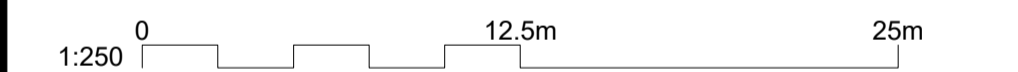
VEHICLE CENTRE LINE
FRONT TIRES LINE
VEHICLE BODY LINE
BODY CLEARANCE (0.5m)

5.2
1.94
1.878

B99 VEHICLE
OVERALL LENGTH 5.200m
OVERALL WIDTH 1.940m
OVERALL BODY HEIGHT 1.878m
MIN BODY GROUND CLEARANCE 0.272m
TRACK WIDTH 1.840m
LOCK-TO-LOCK TIME 4.00s
CURB TO CURB TURNING RADIUS 8.000m

12.5
2.5
4.3

HRV - HEAVY RIGID VEHICLE
OVERALL LENGTH 12.500m
OVERALL WIDTH 2.500m
OVERALL BODY HEIGHT 4.300m
MIN BODY GROUND CLEARANCE 0.417m
TRACK WIDTH 2.500m
LOCK-TO-LOCK TIME 6.00s
CURB TO CURB TURNING RADIUS 12.500m



| REV | DATE | DESCRIPTION | DRAWN | VER'D | APPR |
|-----|----------|------------------------|-------|-------|------|
| B | 25.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |
| A | 10.03.26 | RE-ISSUED FOR APPROVAL | VT | X | AH |

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PROJECT
**CORNISH GROUP
VACY VILLAGE SOUTH STAGE 5
589 GRESFROD ROAD
LOT123 DP1063557**

DRAWING TITLE
**VEHICLE SIMULATION PLAN
SHEET 1**

| | | |
|------------------------------------|--------------|------------|
| SCALE AS SHOWN | STATUS DA | SIZE A1 |
| DRAWING NO. 24-107-DA-STG5-C700 | REV B | |