

SUBSTRUCTURE NOTES

This drawing to be read in conjunction with the concrete specification.

All top soil and existing fill should be removed within the building area and the general formation level approved by the Engineer.

The formation levels indicated are provisional and are subject to the approval of the local authority and the Engineer.

Where it is necessary to excavate below the provisional formation levels to reach an approved bearing stratum any additional excavation is to be backfilled with mass concrete in accordance with the specification.

Where existing foundations are encountered during excavations to formation levels of new foundations, the existing foundations must be grubbed up to allow the new foundation to bear onto the foundation medium.

The permissible deviation in levels of the top of blinding concrete shall be between +0mm and -25mm.

All concrete to be RC35 minimum, works are to be constructed in accordance with BS 8110 Part 1 1985 and to be checked against the site investigation.

The quantity of test cubes cast by the general contractor and the age at which they are to be tested shall be as directed by the engineer and all as the specification.

Mesh reinforcement to be measured and ordered as required by the general contractor.

Cover to bar reinforcement to be 40mm and within the tolerances of the specification.

All substructure brickwork shall have a minimum compressive strength of 34.5N/mm², (and a water absorption rate not exceeding 7%) and must be set in a 1:3 cement:sand mortar.

WALL TIES
Wall ties for use in external walls shall be stainless steel Type 2 to DD140 by Ancon or similar approved.

Wall ties for use in internal walls shall be stainless steel Type 2 to DD140.

Spacing of wall ties shall be 750mm horiz. and 450mm vertical U.N.O. above D.P.C. and 450mm horiz. and 450mm vertical below D.P.C.

All waterproofing and tanking details as per Architects drawing.

STRUCTURAL STEELWORK

All steelwork shall be designed and fabricated in accordance with B.S 5950 Part 1 Current Edition.

All steelwork to be Grade S275 to BS EN 10025:1993 (UNO)

All columns on gridlines (UNO)

All steelwork is to be thoroughly cleaned of all mill scale, rust, dirt and grease by shot blasting to Swedish standard Sa 2.5, prior to the application of a high build zinc phosphate primer (shop coat) to give a D.F.T. of 75 microns U.N.O.)

Galvanised structural sections are to be hot dipped galvanised in accordance with B.S. 729 after fabrication (minimum coating weight 610g/sq.m, thickness 85 microns).

H.D. material to be supplied by the steelwork fabricator for fixing by the general contractor.

All steelwork within cavity walls and below D.P.C. is to be given two coats of bituminous paint to give a minimum D.F.T of 100 microns by the general Contractor and be compatible with fabrication paint.

All steelwork below ground level is to have a minimum of 50mm concrete surround.

T.O.F Denotes top of foundation.
S.S.L Denotes structural slab level.
T.O.S Denotes top of steel.
S.O.P Setting out point.
U.N.O Unless noted otherwise.

Load indicated are in KN and moments in KN.m (SL5/UL5) * before commencing detailing steelwork fabricator * must submit prior to fabrication design and details of all major connections for comment.

All beam connections to have a min. of 4No. M20 Grade 8.8 bolts and designed for a min. of 100kN shear load & 75kN axial load unless noted otherwise. all bracing connections to have a min. of 2No. M20 Grade 8.8 bolts and designed for a min. 100kN axial load.

| Revision | Date | Drawn | Description |
|----------|----------|-------|--------------------------------|
| 0 | 11/02/21 | PR | Initial Issue |
| A | 06/02/21 | PR | Updated issue |
| B | 13/01/22 | PR | Updated to suit revised layout |

Client & Project

Chinley, Buxworth & Brownside Parish Council

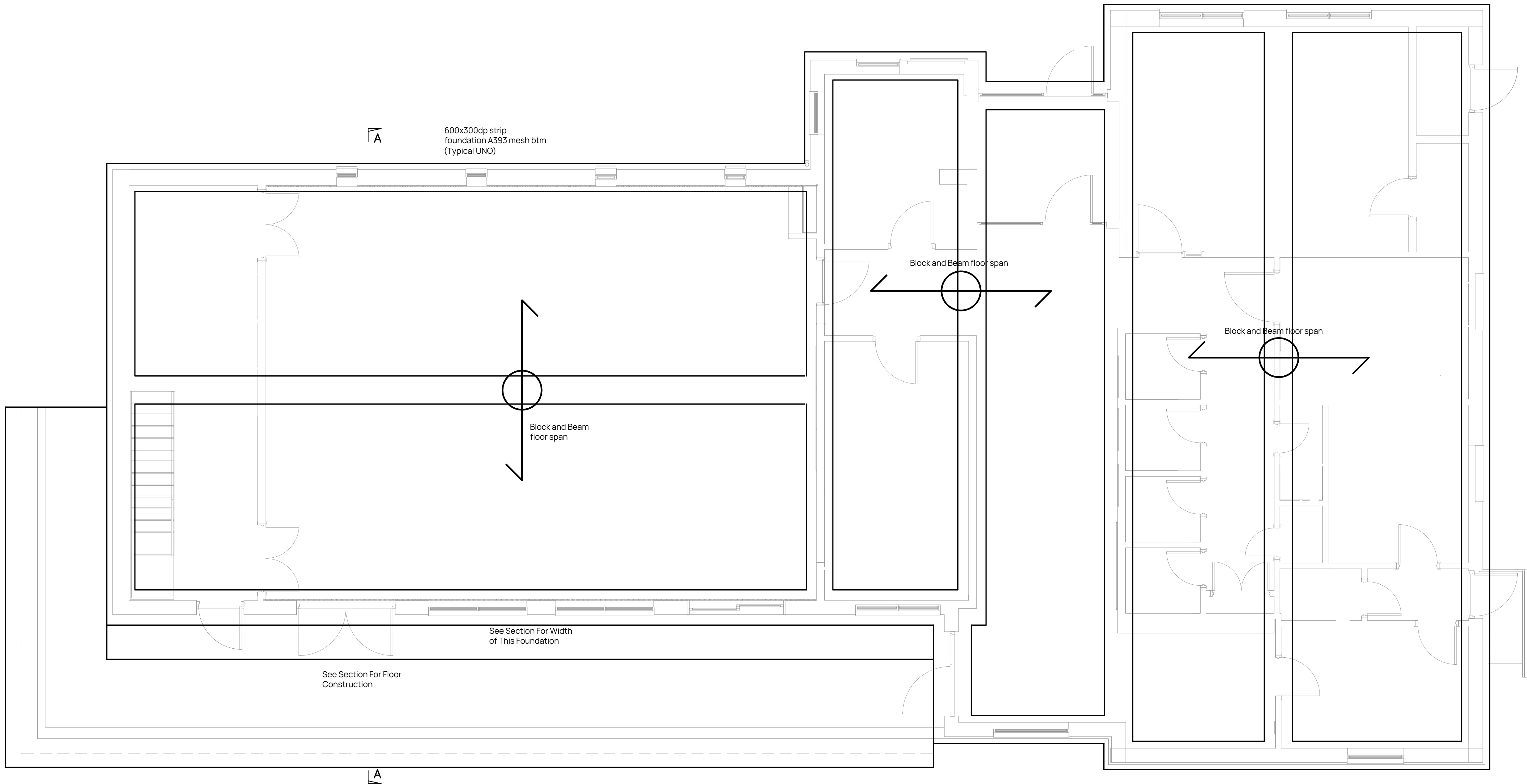
Address

Chinley Community Centre
21 Lower Lane
Chinley
High Peak
SK23 6BE

Drawing Title

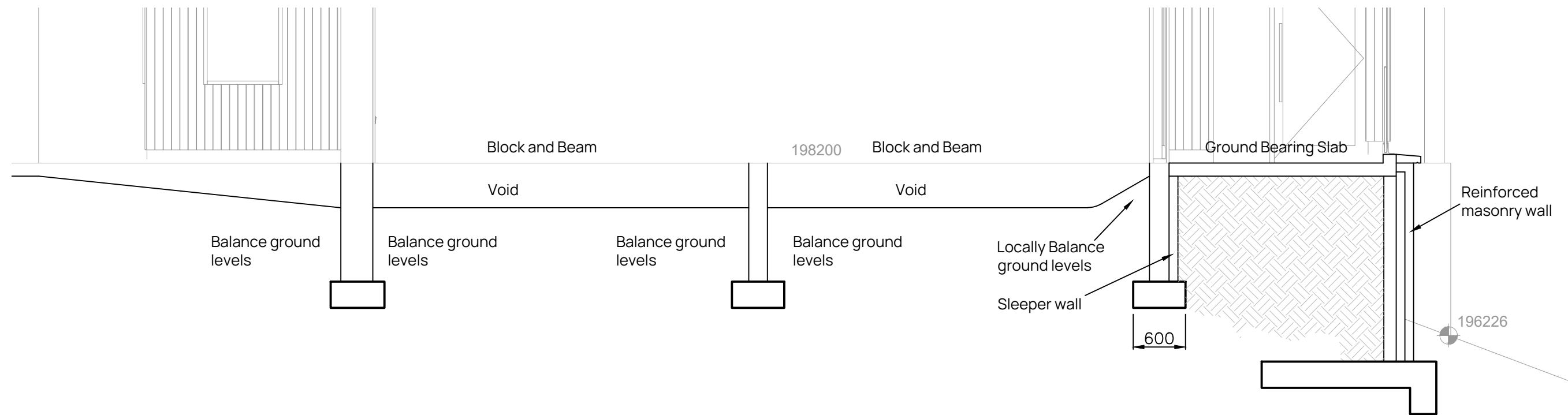
Foundation Layout

| Drawing Number | Paper Size | Scale | Drawn | Checked |
|----------------|------------|--------------|-------|---------|
| S3069-01B | A1 | As Indicated | PR | CLO |



FOUNDATION LAYOUT

Scale:- 1:50



SECTION A-A

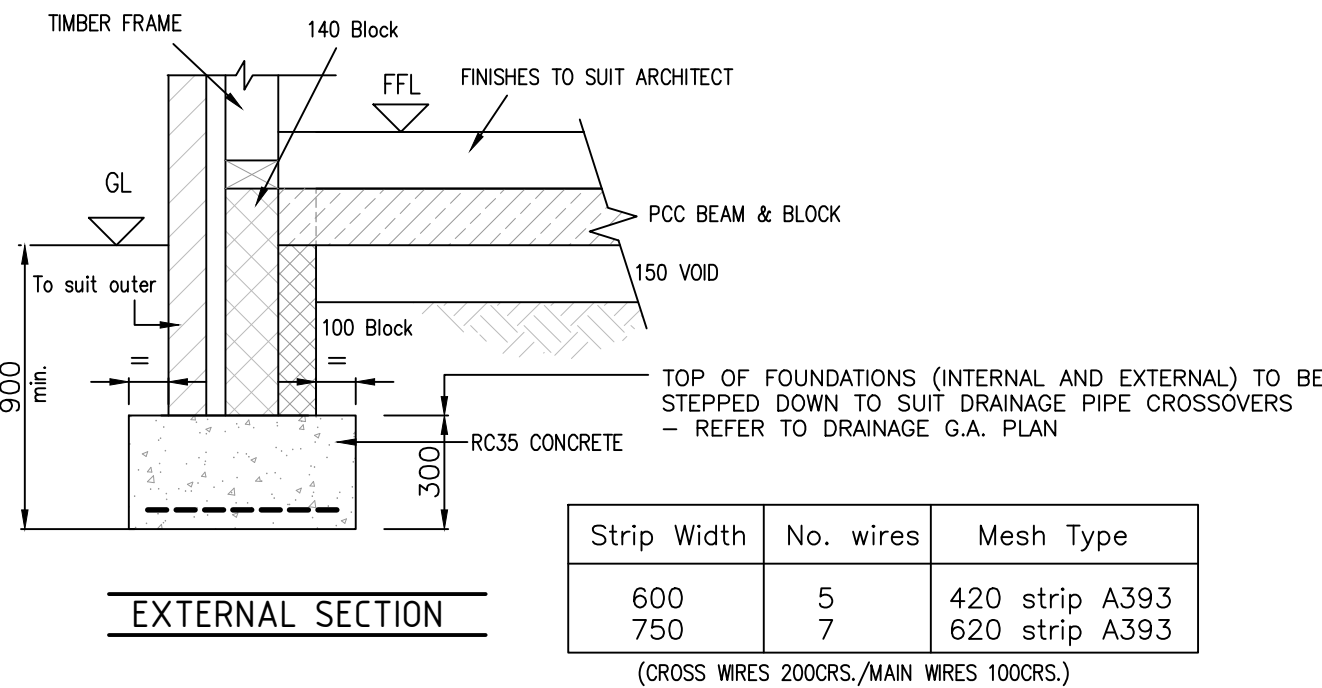
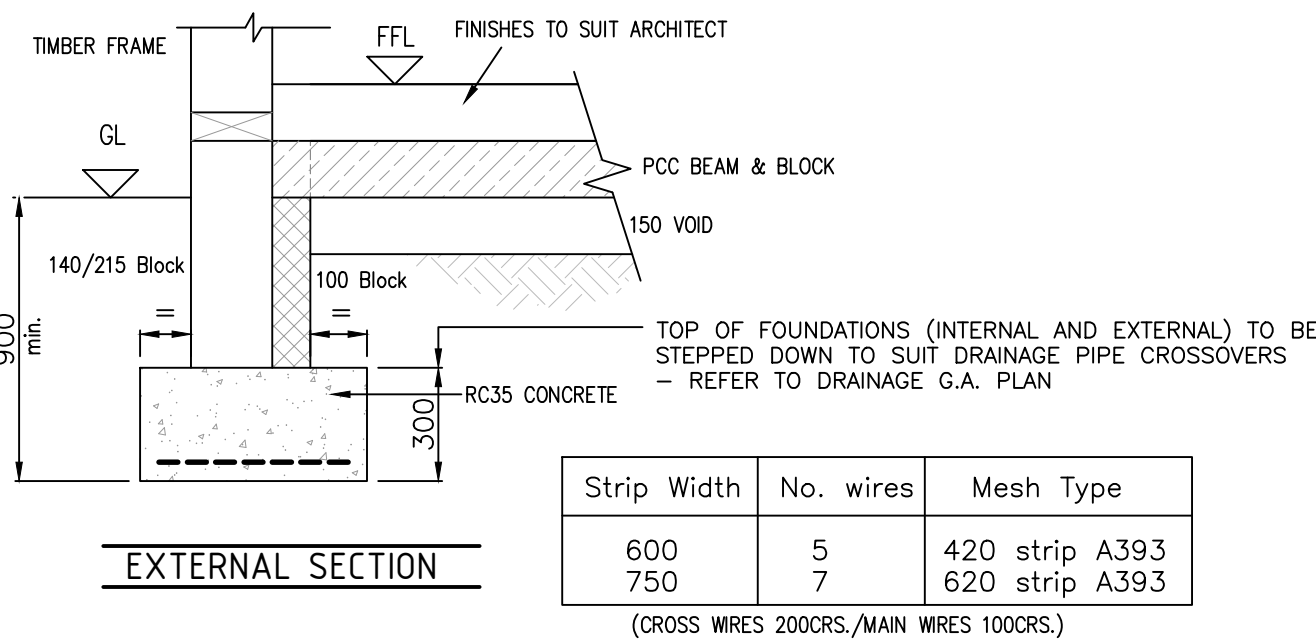
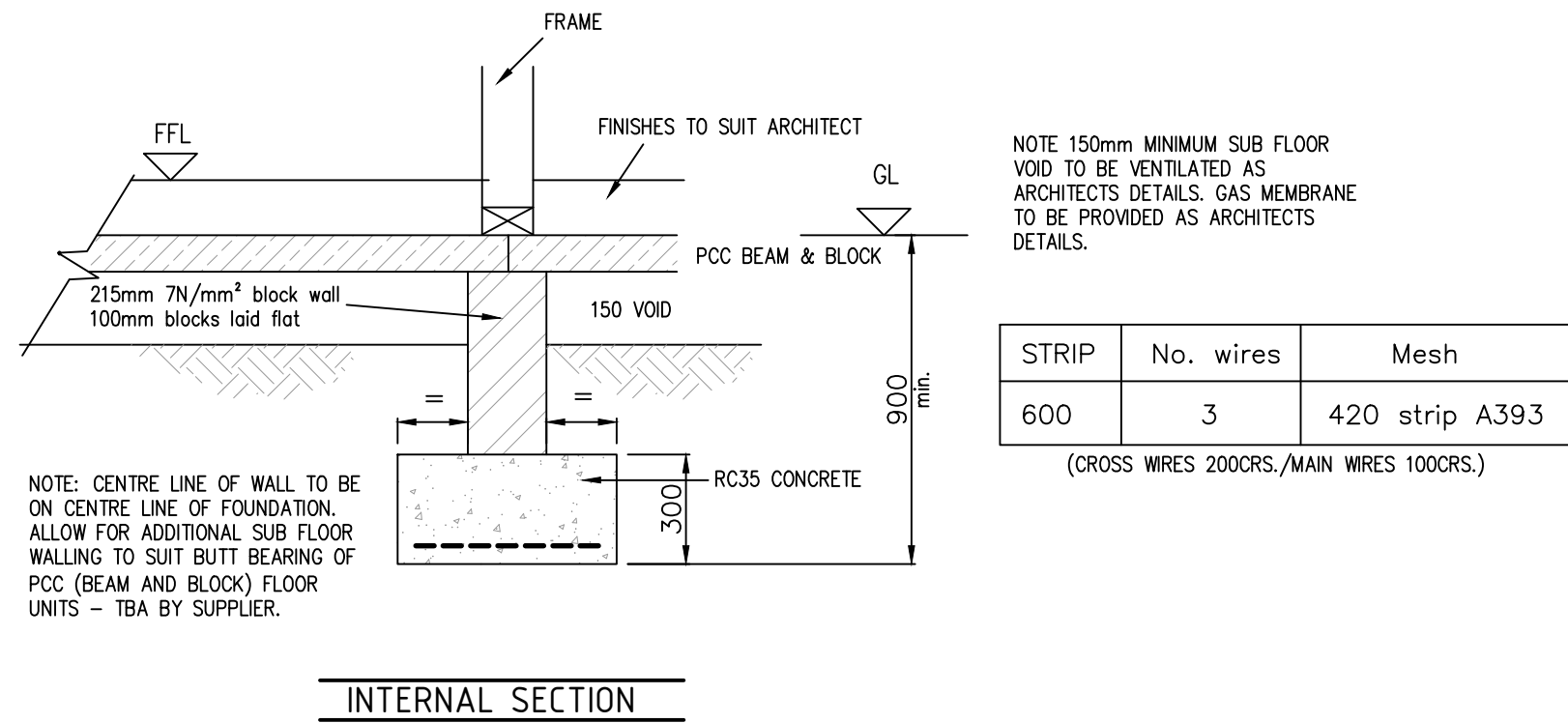
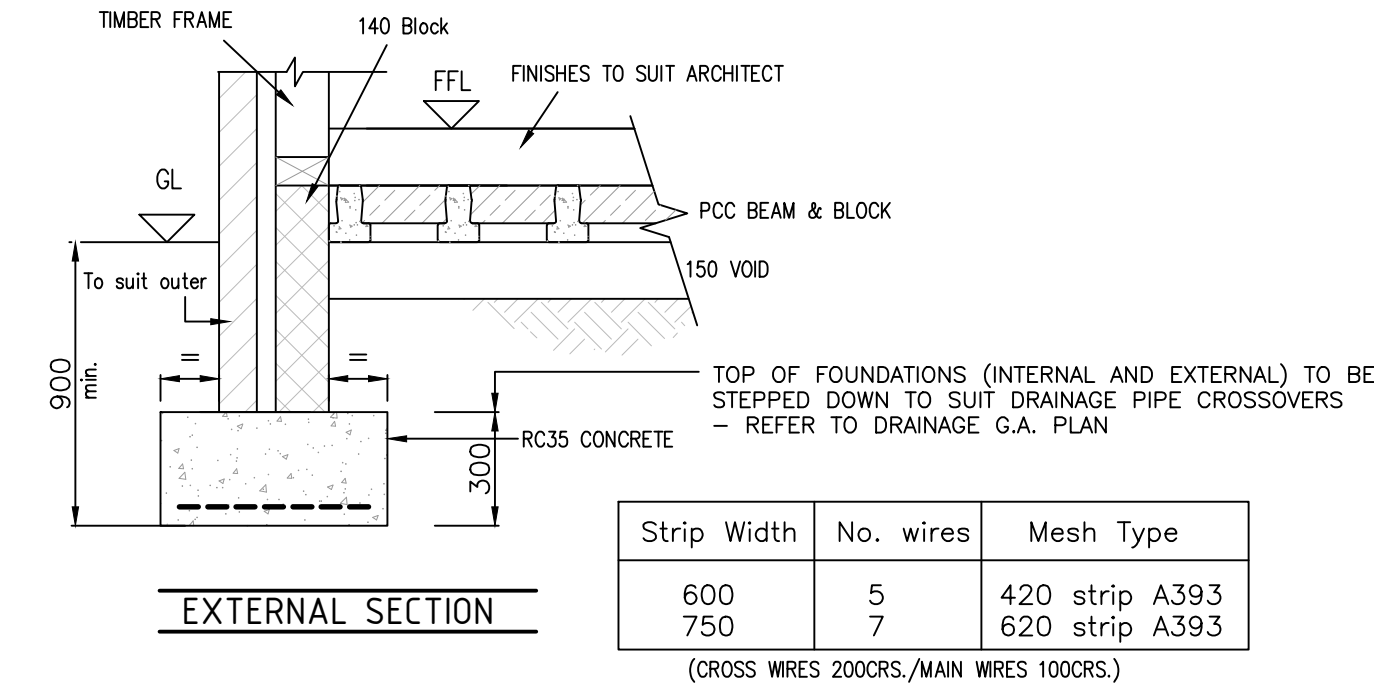
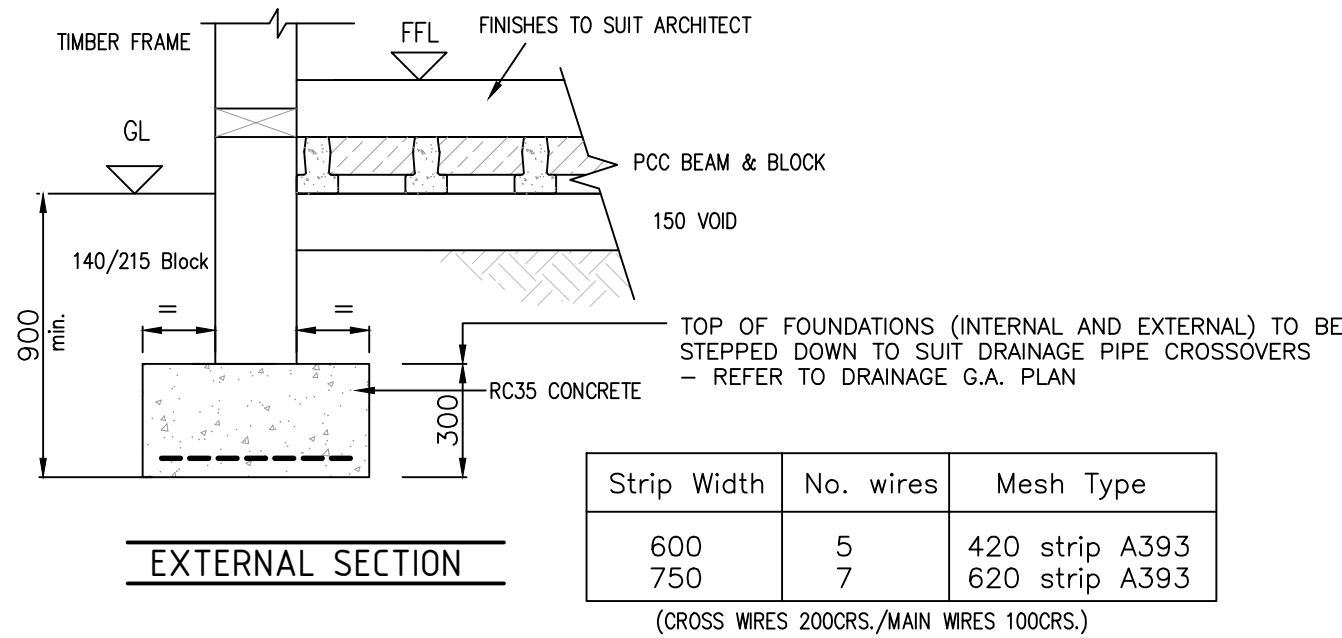
Scale:- 1:50

PRELIMINARY

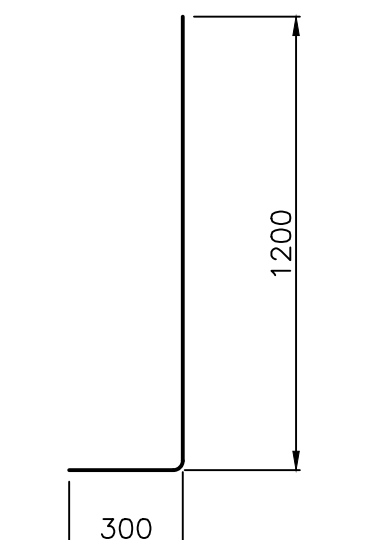
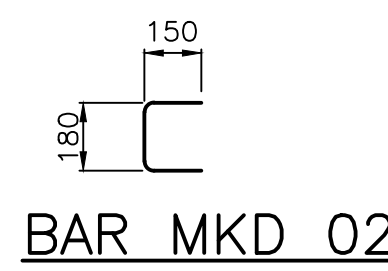
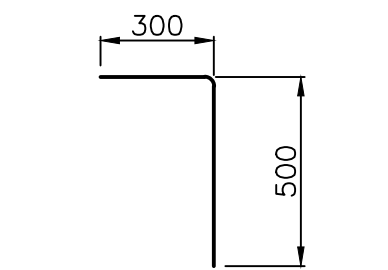
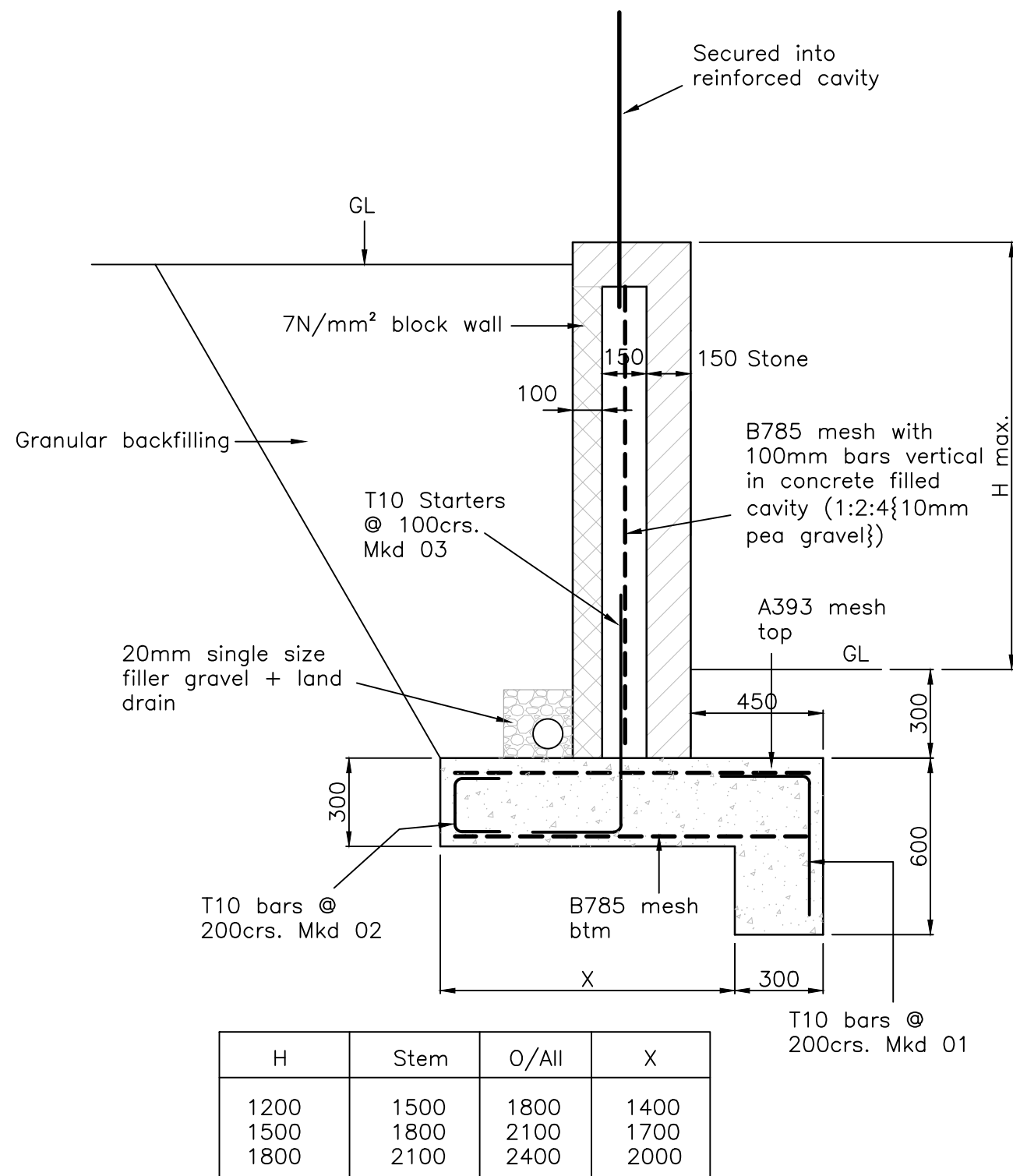
Foundations designed to 5kN/m² Live Load & 2kN/m Line load on internal walls

NOTES
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ALL DIMENSIONS/LEVELS TO BE CHECKED AGAINST ARCHITECTURAL DRAWINGS AND ANY DISCREPANCIES TO BE ADVISED PRIOR TO CONSTRUCTION.

| UNUSUAL HAZARDS OR SIGNIFICANT RISKS IDENTIFIED ON THIS DRAWING ARE: | |
|--|--------------------------------|
| 01 | PLACEMENT OF HEAVY STEEL |
| 02 | EXCAVATION OF DEEP FOUNDATIONS |



Foundations designed to 5KN/m² Live Load & 2KN/m Line load on internal walls



PRELIMINARY

| Revision | Date | Drawn | Description |
|----------|----------|-------|---------------|
| 0 | 11/10/21 | PR | Initial Issue |

Client & Project
Chinley, Buxworth & Brownside Parish Council

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21 Lower Lane
Chinley
High Peak
SK23 6BE

Drawing Title
Foundation Details

| Drawing Number | Paper Size | Scale | Drawn | Checked |
|----------------|------------|--------------|-------|---------|
| S3069-02 | A1 | As Indicated | PR | CLO |

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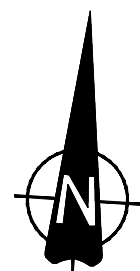
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EXTERNAL WORKS LEGEND

| | |
|-------------------------------|---------------|
| PROPOSED FINISHED FLOOR LEVEL | FFL 00.000 |
| PROPOSED FALL | 1:40 |
| PROPOSED LEVEL | × 00.000 |
| MAJOR CONTOUR | — |
| MINOR CONTOUR | — |

GENERAL NOTES:

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| Revision | Date | Drawn | Description |
|----------|----------|-------|---------------------------|
| P1 | 19/11/21 | AW | Issued for information. |
| P2 | 25/11/21 | CA | Revised to suit comments. |
| T1 | 14/01/22 | AW | Issued for Tender. |

Client & Project

Buxworth & Brownside Parish Council
Chinley Community Centre

Address

Chinley Community Centre

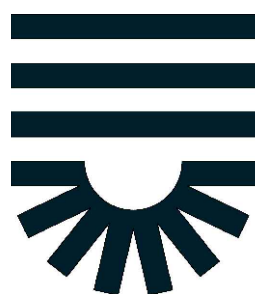
Lower Lane,
Chinley,
High Peak,
SK23 6BE
Drawing Title

Proposed Levels Plan

| Status / Stage | Sheet | Scale @ A1 | Drawn | Checked |
|----------------|--------|------------|-------|---------|
| D2 | 1 of 1 | 1:100 | CA | AW |

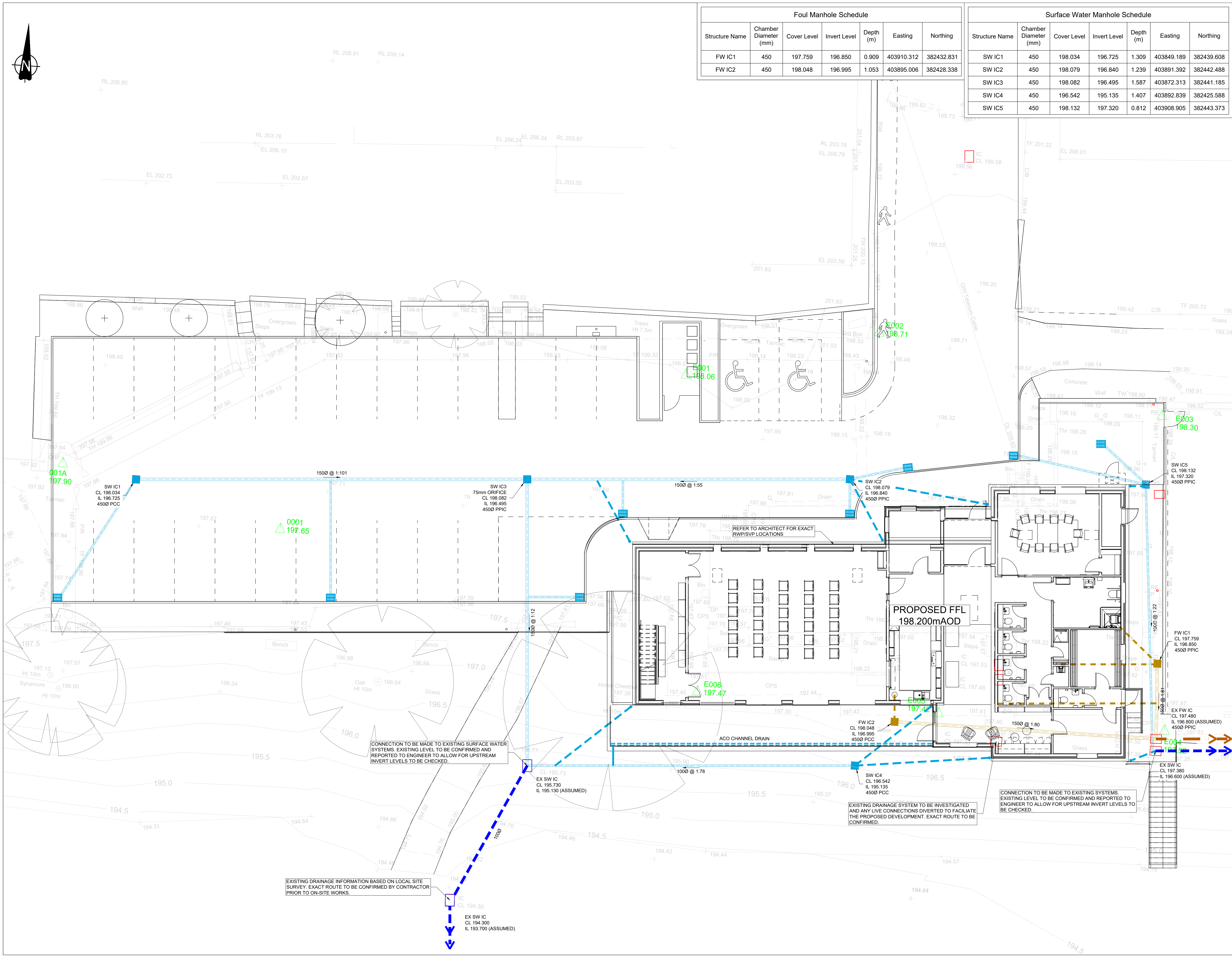
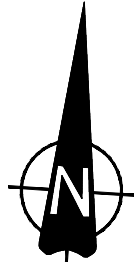
| Drawing Number | Revision |
|---------------------------|----------|
| S3096-BDN-XX-XX-DR-C-0100 | T1 |

| | | | | |
|-----|------|------|------|------|
| 0mm | 1.0m | 2.0m | 4.0m | 6.0m |
|-----|------|------|------|------|



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North West
Room 107, Uxerston Business Centre,
Uxerston, L41 7JG

BuildingDesignNorthern



| Foul Manhole Schedule | | | | | | |
|-----------------------|-----------------------|-------------|--------------|-----------|------------|------------|
| Structure Name | Chamber Diameter (mm) | Cover Level | Invert Level | Depth (m) | Easting | Northing |
| FW IC1 | 450 | 197.759 | 196.850 | 0.909 | 403910.312 | 382432.831 |
| FW IC2 | 450 | 198.048 | 196.995 | 1.053 | 403895.006 | 382428.338 |

| Surface Water Manhole Schedule | | | | | | |
|--------------------------------|-----------------------|-------------|--------------|-----------|------------|------------|
| Structure Name | Chamber Diameter (mm) | Cover Level | Invert Level | Depth (m) | Easting | Northing |
| SW IC1 | 450 | 198.034 | 196.725 | 1.309 | 403849.189 | 382439.608 |
| SW IC2 | 450 | 198.079 | 196.840 | 1.239 | 403891.392 | 382442.488 |
| SW IC3 | 450 | 198.082 | 196.495 | 1.587 | 403872.313 | 382441.185 |
| SW IC4 | 450 | 196.542 | 195.135 | 1.407 | 403892.839 | 382425.588 |
| SW IC5 | 450 | 198.132 | 197.320 | 0.812 | 403908.905 | 382443.373 |

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DRAINAGE LEGEND

- 450mm DIA. PRIVATE INSPECTION CHAMBER. TO BE USED TO A MAXIMUM DEPTH OF 1200mm TO INVERT
- 600mm DIA. PRIVATE INSPECTION CHAMBER. TO BE USED WHERE DEPTH TO INVERT IS 3000mm OR LESS. REDUCED ACCESS FITTING REQUIRED AT DEPTHS GREATER THAN 1200mm
- PROPOSED PROPOSED ROAD GULLY & CONNECTING PIPE WORK. 1500 PIPE UNLESS NOTED OTHERWISE
- EXISTING SURFACE WATER SEWER
- EXISTING FOUL SEWER

NOTE:
ALL PRIVATE DRAINAGE TO BE 100mm RIGID PIPE OR 110mm FLEXIBLE PIPE UNLESS OTHERWISE SHOWN
UNLESS OTHERWISE SHOWN
ALL DRAINAGE / PIPE WORK TO BE INSTALLED IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT PART H 2010, NHBC STANDARDS 2015 AND RELATIVE GUIDANCE DOCUMENTS
MANUFACTURERS INSTALLATION & GUIDANCE LITERATURE AND NOTES.

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| Revision | Date | Drawn | Description |
|----------|----------|-------|---------------------------|
| P1 | 19/11/21 | AW | Issued for information. |
| P2 | 24/11/21 | CA | Revised to suit comments. |
| T1 | 14/01/22 | AW | Issued for Tender |

Client & Project
Buxworth & Brownside Parish Council
Chinley Community Centre

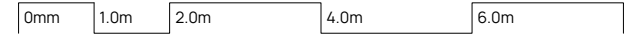
Address
Chinley Community Centre
Lower Lane,
Chinley,
High Peak,
SK23 6BE
Drawing Title

Proposed Drainage Plan

| Status / Stage | Sheet | Scale @ A1 | Drawn | Checked |
|----------------|--------|------------|-------|---------|
| D2 | 1 of 1 | 1:100 | CA | AW |

Drawing Number
S3096-BDN-XX-XX-DR-C-0101

Revision
T1

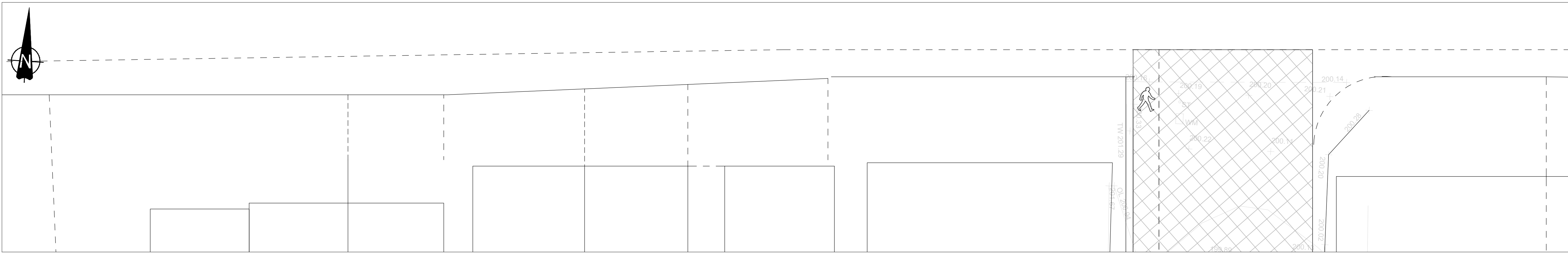



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


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EXTERNAL WORKS LEGEND

| | |
|--|---|
| HALF BATTERED KERB, 125x25x900mm, 100mm KERB FACE |  |
| BULLNOSED KERB, 125x150x900mm, 25mm MAX KERB FACE |  |
| PIN KERB, 50x150x900mm |  |
| TRANSITION KERB |  |
| EXISTING ACCESS ROAD - PLANNED OFF AND RE-LAID EXTENTS TBC ON-SITE |  |
| PROPOSED TARMAC FOOTPATH - PEDESTRIAN ONLY |  |
| PROPOSED TARMAC ACCESS - LIGHT VEHICLE LOADING ONLY |  |
| PROPOSED FLAGGED FOOTPATH - PEDESTRIAN ONLY |  |
| PROPOSED CONCRETE FOOTPATH - PEDESTRIAN ONLY |  |
| PROPOSED GRAVEL FOOTPATH - PEDESTRIAN ONLY |  |
| PROPOSED CONCRETE ACCESS STEPS - CAST IN-SITU |  |

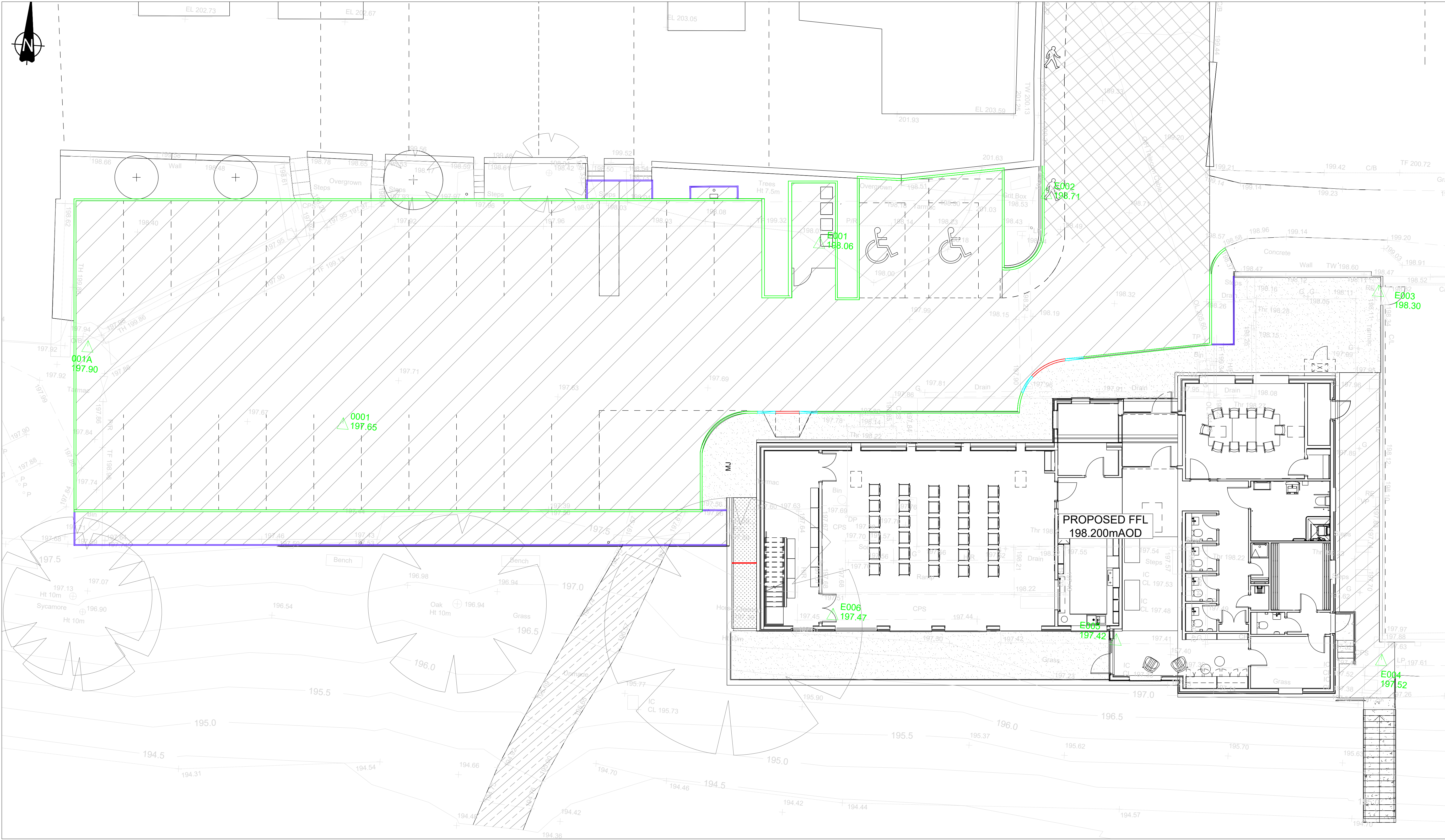
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Client & Project

Buxworth & Brownside Parish Council
Chinley Community Centre

Address


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Drawing Title


Proposed External Finishes Plan

| Status / Stage | Sheet | Scale @ A1 | Drawn | Checked |
|----------------|--------|------------|-------|---------|
| D2 | 1 of 1 | 1:100 | CA | AW |

Drawing Number
S3096-BDN-XX-XX-DR-C-0102

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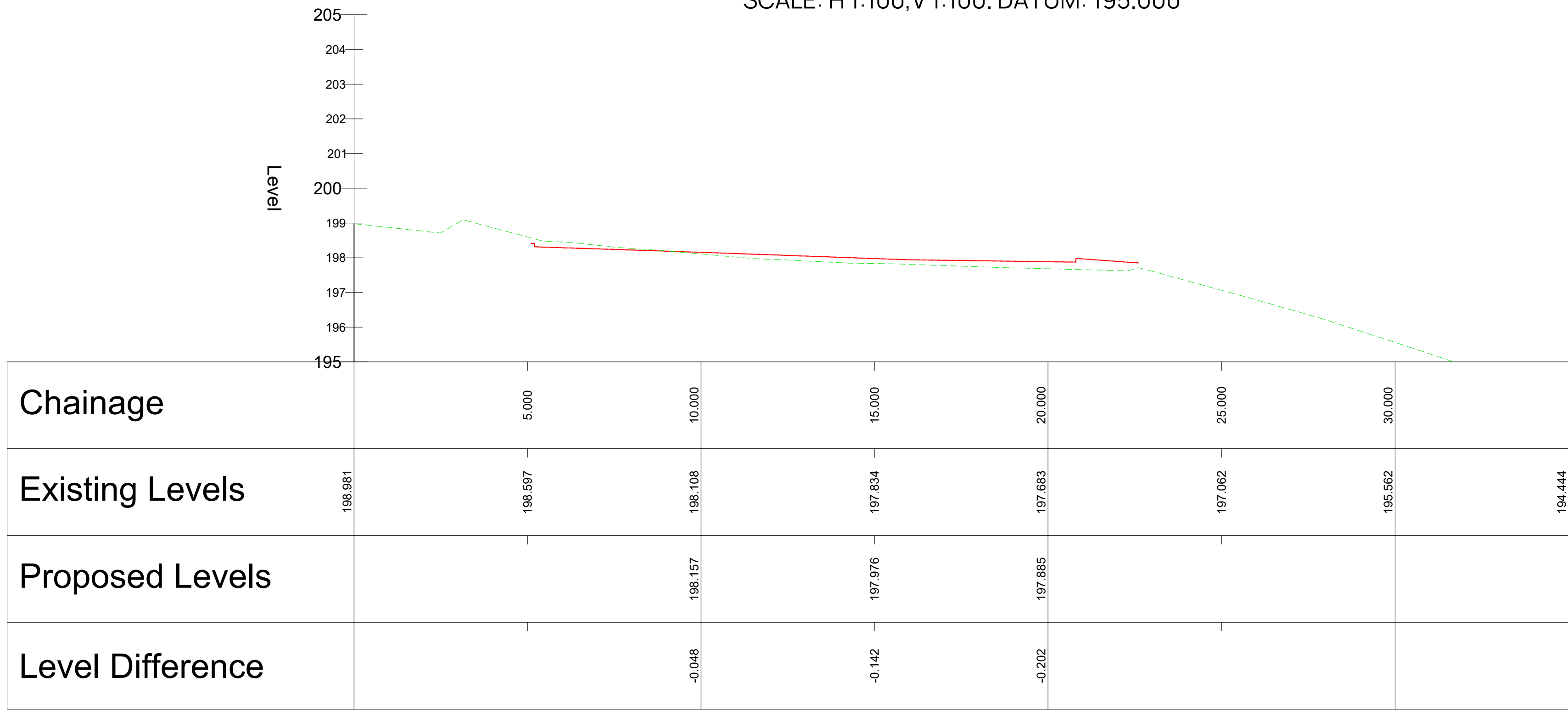
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HEALTH & SAFETY AND CDM:

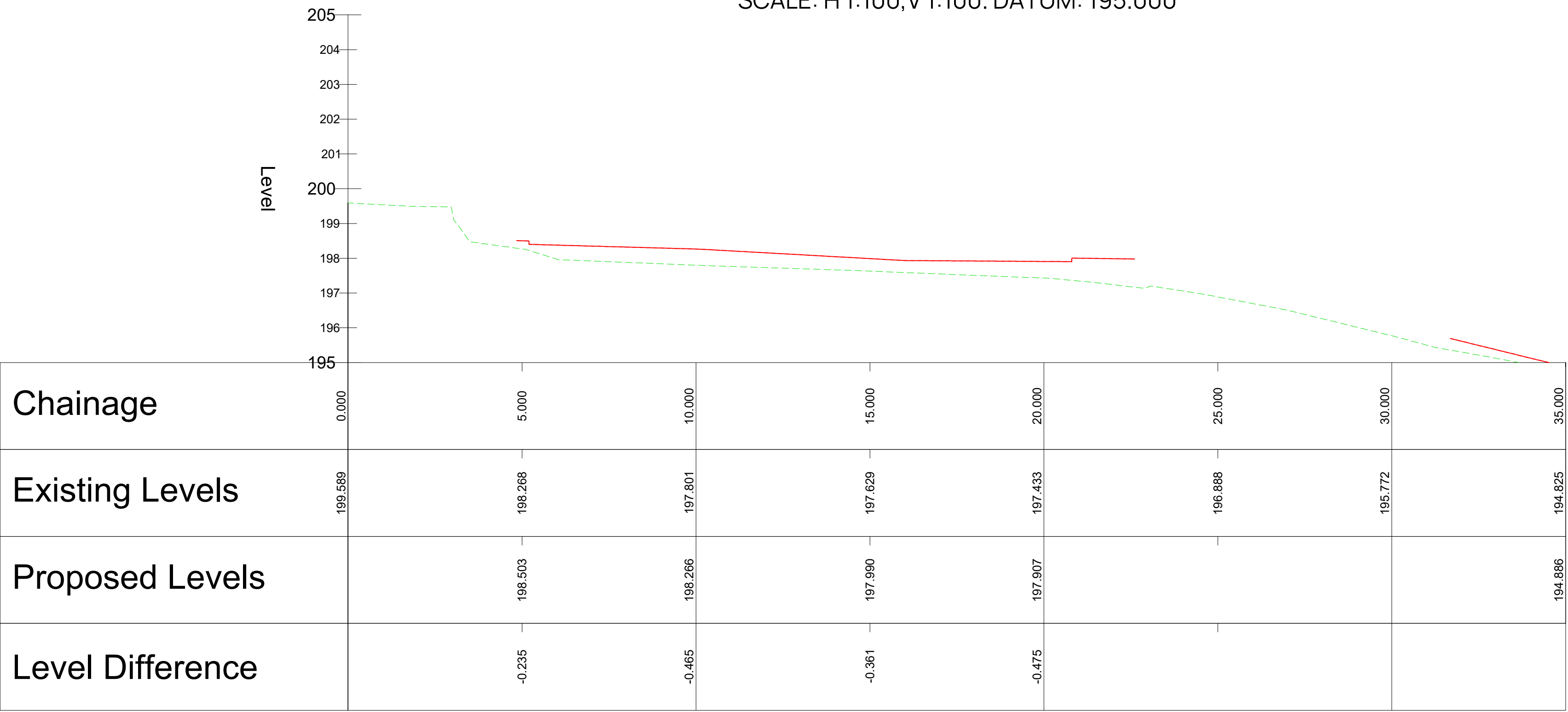
THE FOLLOWING ARE TO BE READ IN CONJUNCTION WITH CONTRACTORS
RISK ASSESSMENTS)

- CONTRACTOR TO UNDERTAKE ALL POSSIBLE PRECAUTIONS WHEN
EXCAVATING. ALL EXISTING SERVICES INFORMATION TO BE OBTAINED
PRIOR TO THE COMMENCEMENT OF WORKS AND IDENTIFIED ON SITE
USING CAT SCANNERS. EXCAVATION TO BE UNDERTAKEN WITH CARE,
DILIGENCE AND HAND DIGGING TO BE ADOPTED WHERE APPROPRIATE
PRACTICE GUIDELINES.
- CONTRACTOR TO MANAGE THE AMOUNT OF TIME ANY EXCAVATIONS
REMAIN EXPOSED AND COMPLY WITH LEGISLATIVE AND LOCAL
PRACTICE GUIDELINES.
- ALL TASKS TO BE UNDERTAKEN BY SUITABLY TRAINED AND
EXPERIENCED OPERATIVES FOLLOWING APPROVED METHOD
STATEMENTS WITH ADEQUATE RESOURCE ALLOCATED TO EACH TASK.
- FOR ANY WORK REQUIRING COMPACTING OF MATERIALS AND
CONCRETE, PERSONNEL TO USE SUITABLE PPE AND USE ONLY LOW
VIBRATION EQUIPMENT. AMOUNT OF TIME OF USE TO BE LIMITED TO
SAFE LEVELS IN ACCORDANCE WITH CONTRACTOR APPROVED
METHOD STATEMENTS.
- APPROPRIATE MANAGEMENT SAFETY PLAN TO BE IN PLACE FOR
DEALING WITH POTENTIAL GROUND CONTAMINATION.
- IN ORDER TO ENSURE THAT THE SITE EXCAVATIONS REMAIN STABLE
DURING EXCAVATIONS, CONTRACTOR TO ASSESS STABILITY AND
PROVIDE TEMPORARY SHORING TO ENSURE SAFE WORKING AREA.

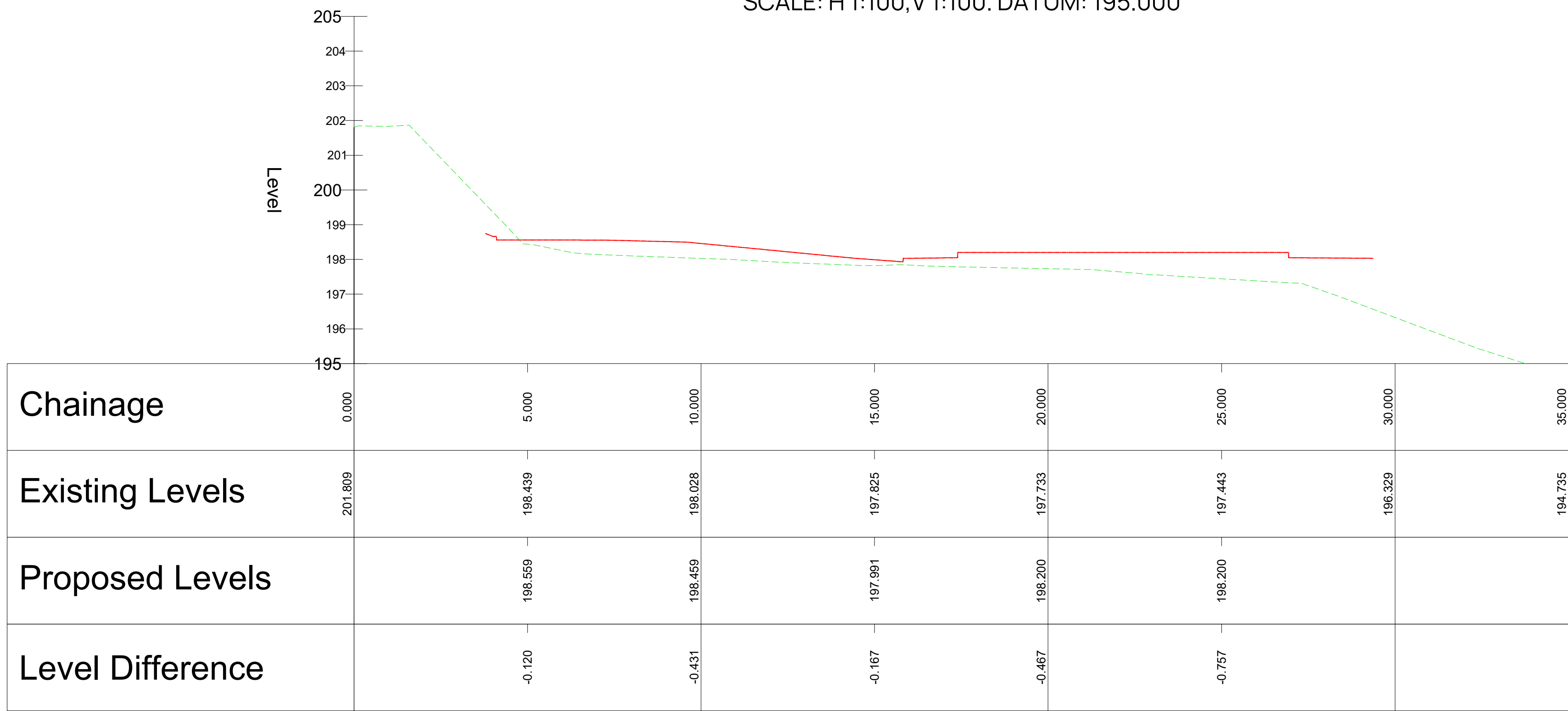
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SCALE: H 1:100,V 1:100. DATUM: 195.000



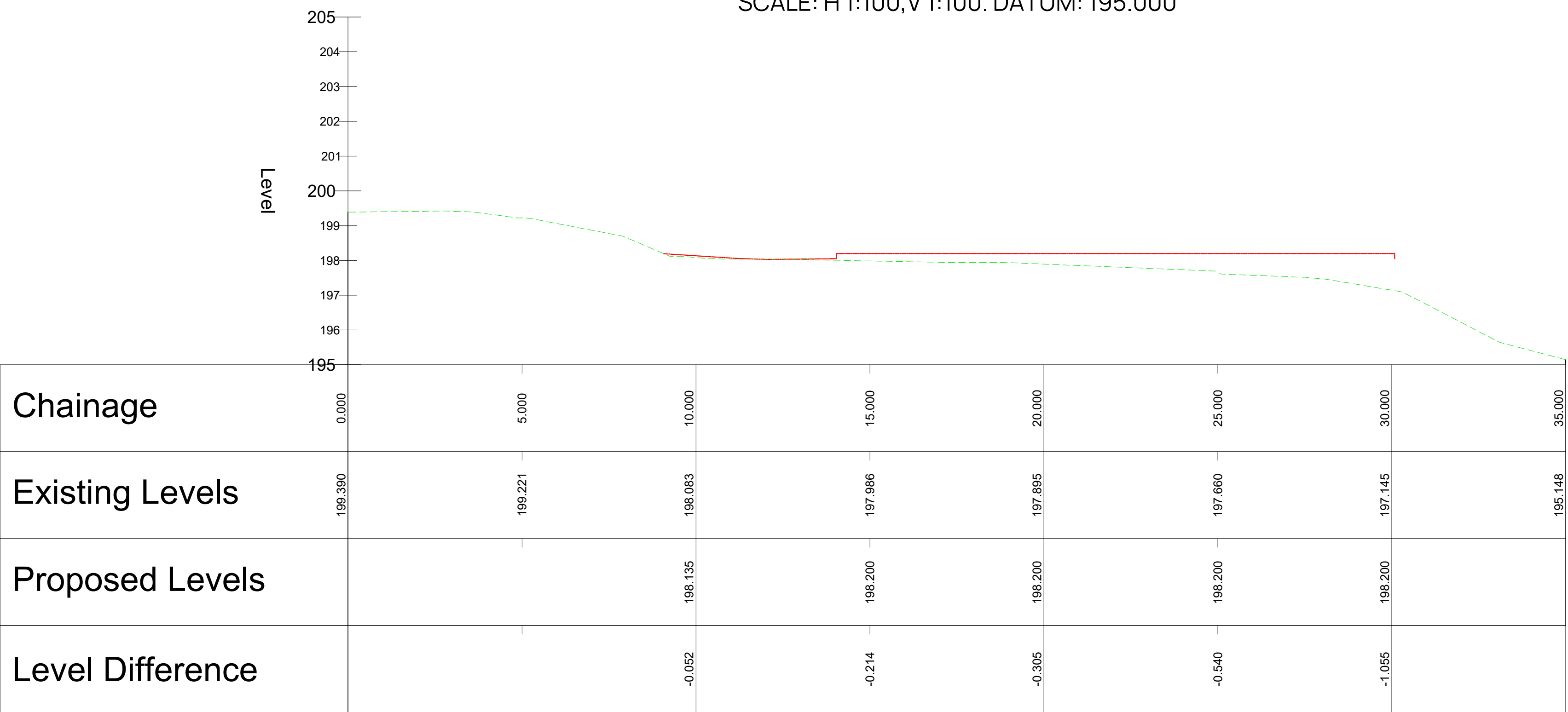
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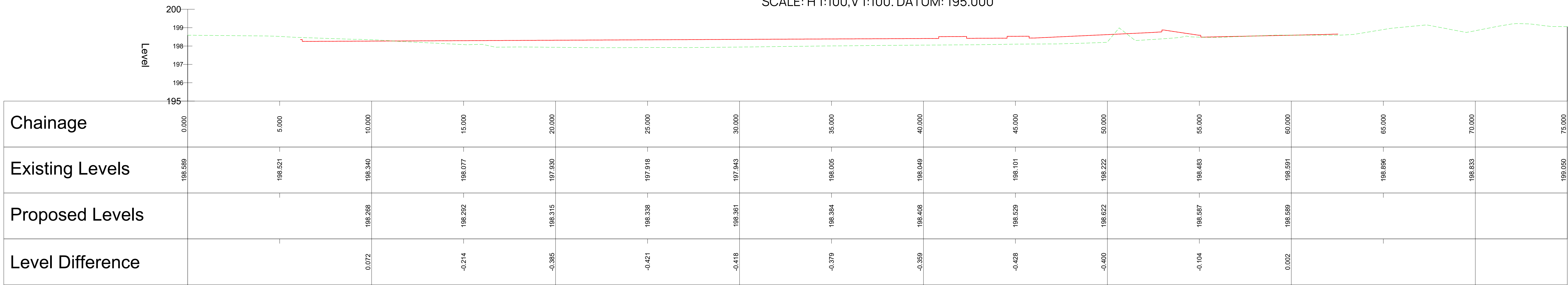
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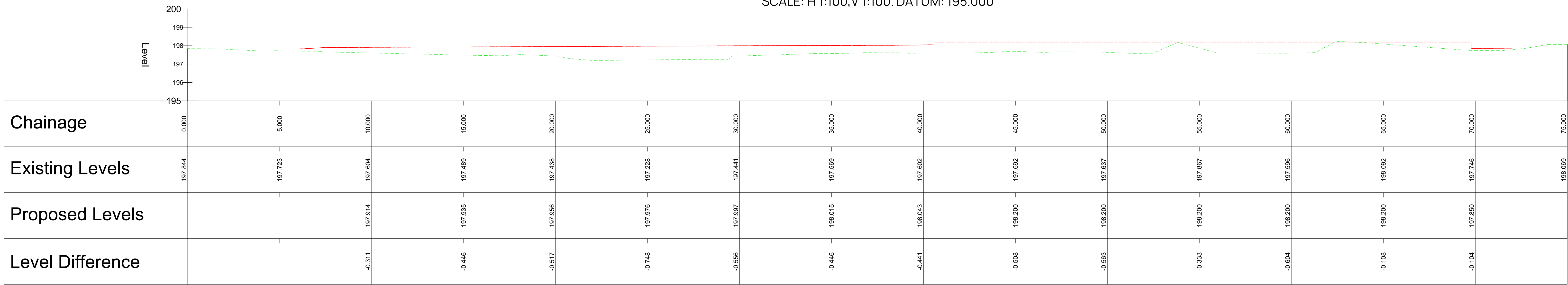
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SCALE: H 1:100,V 1:100. DATUM: 195.000



ALIGNMENT - (5) - LONGSECTION
SCALE: H 1:100,V 1:100. DATUM: 195.000



ALIGNMENT - (6) - LONGSECTION
SCALE: H 1:100,V 1:100. DATUM: 195.000



| Revision | Date | Drawn | Description |
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| | | | |
|----|----------|----|------------------------|
| R1 | 18/10/25 | AW | Issued for Information |
| T1 | 14/10/25 | AW | Issued for Tender |

Client & Project

Buxworth & Brownside Parish Council
Chrinley Community Centre

Address

Chrinley Community Centre
Lower Lane,
Chrinley,
High Peak,
S23 5SE,
Derbyshire

Proposed Longsections

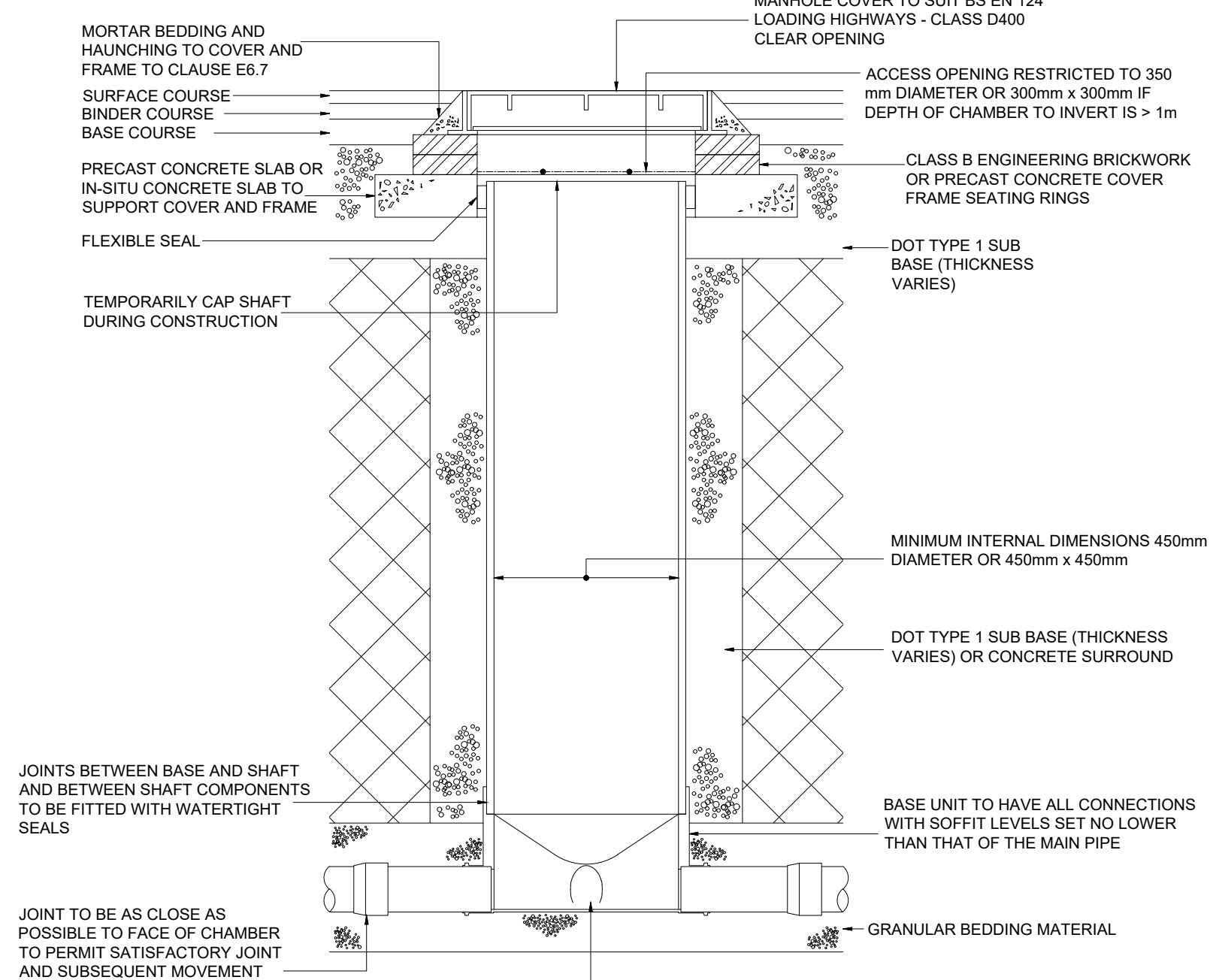
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| D2 | 1 of 1 | 1:100 | CA | AW |
|----|--------|-------|----|----|

| Drawing Number | Revision |
|----------------|----------|
|----------------|----------|

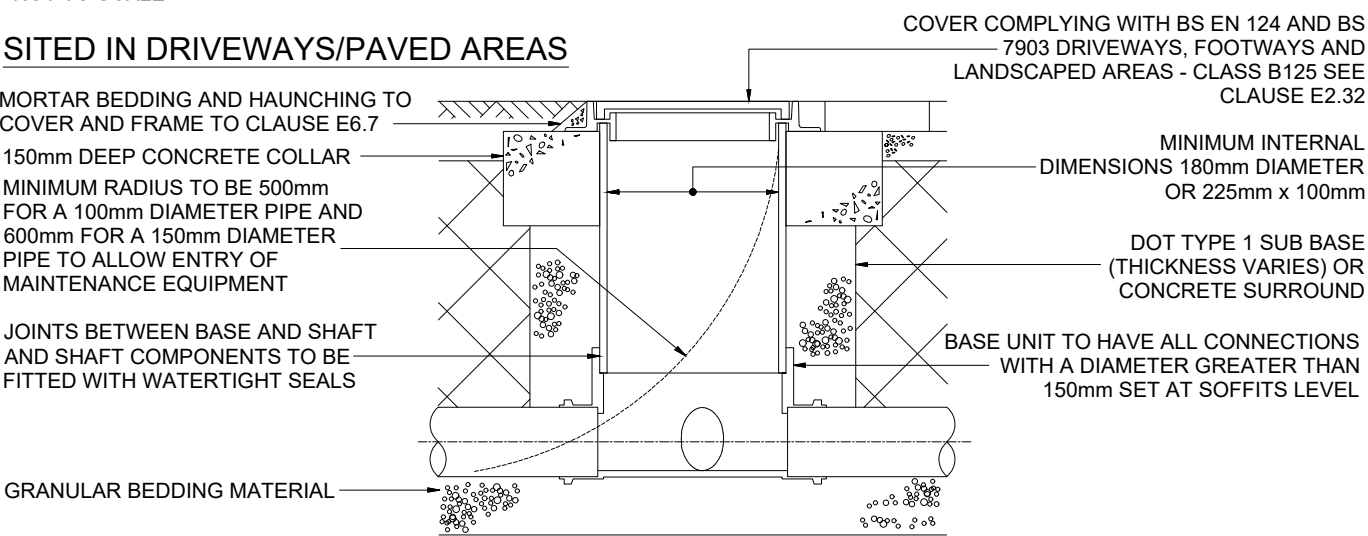
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| S3096-BDN-XX-XX-DR-C-0103 | T1 |
|---------------------------|----|

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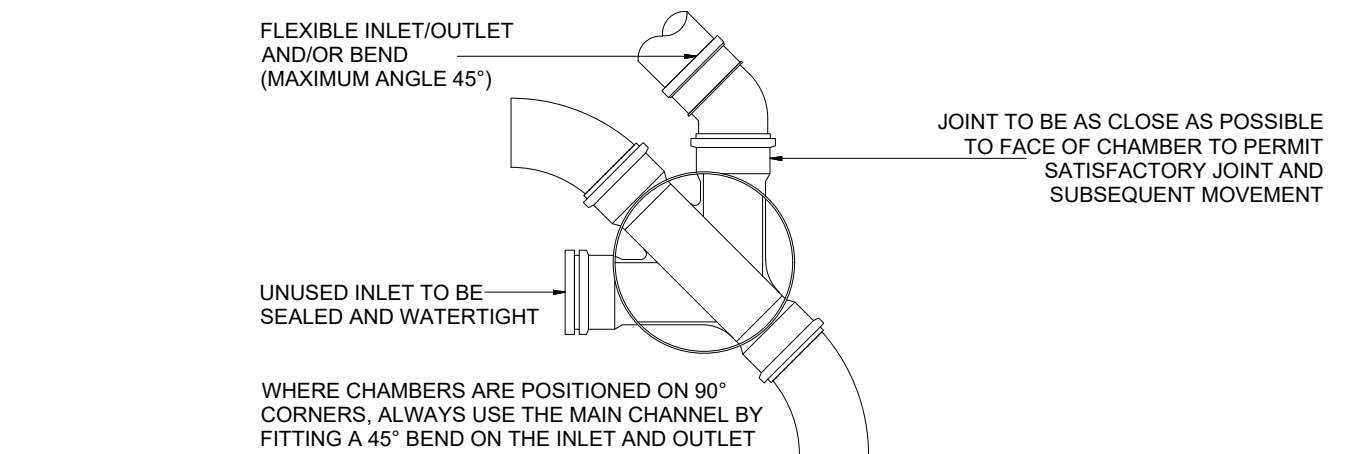
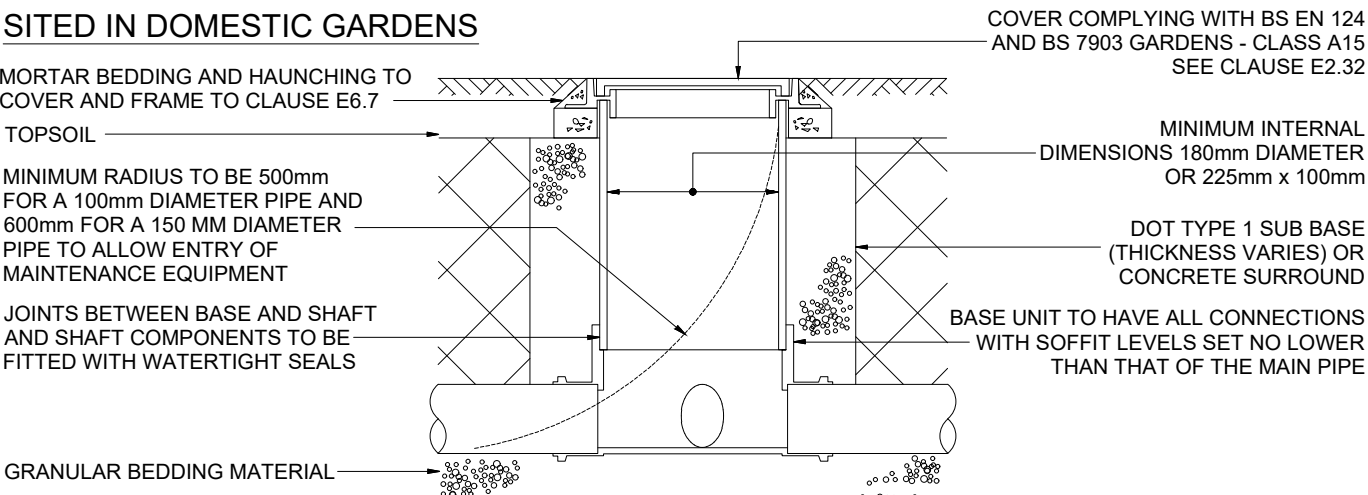


TYPE 3 INSPECTION CHAMBER MAXIMUM DEPTH FROM COVER TO SOFFIT 3m

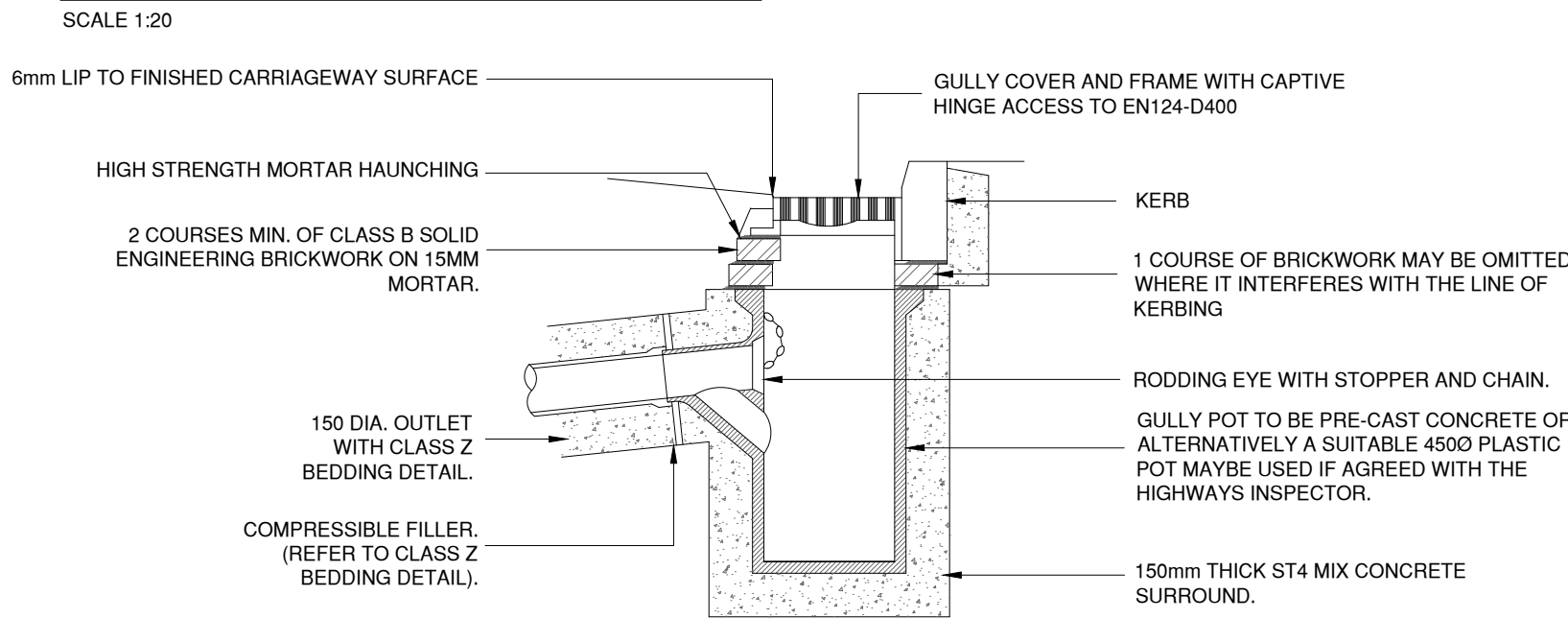
NOT TO SCALE
SITED IN DRIVEWAYS/PAVED AREAS



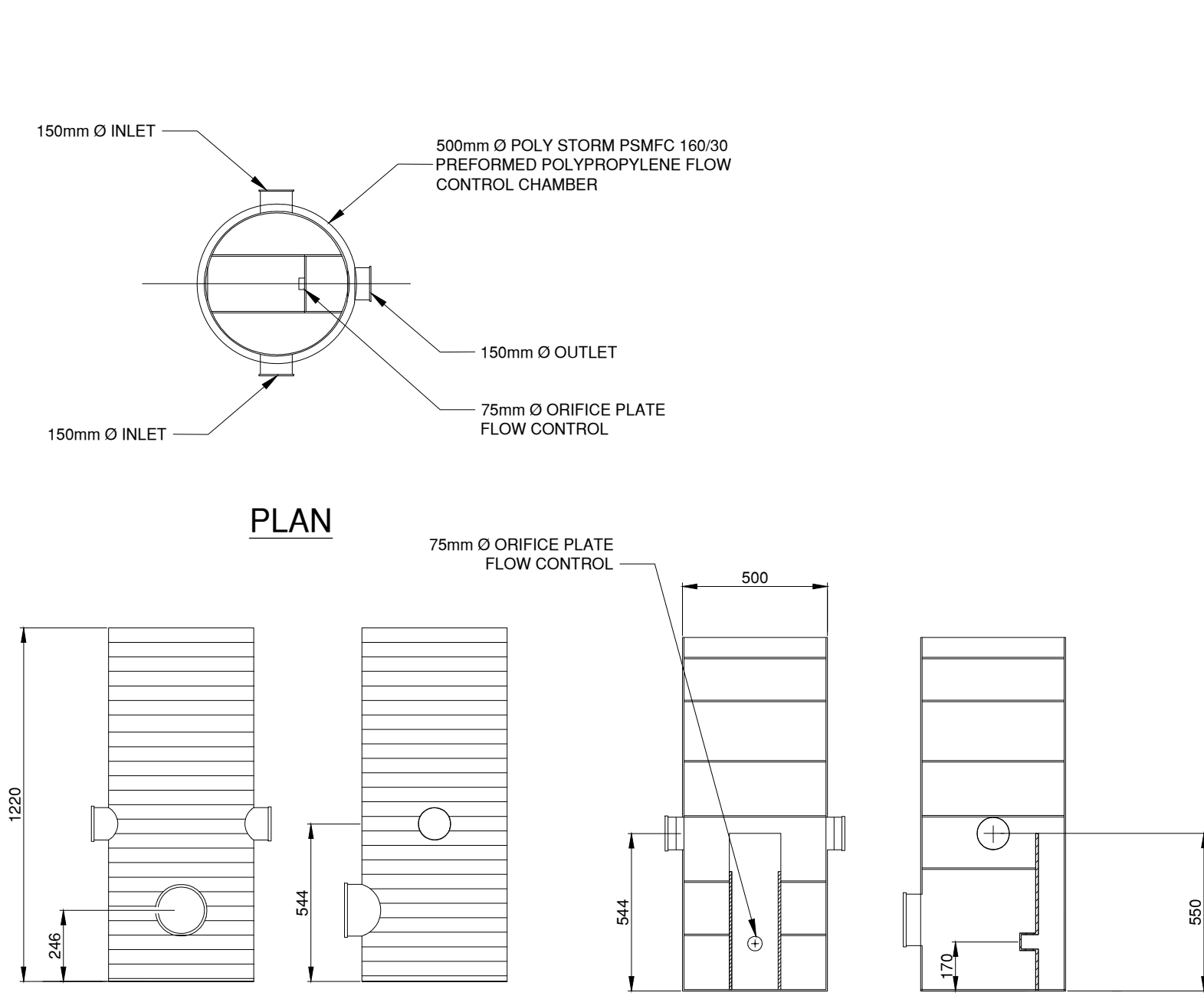
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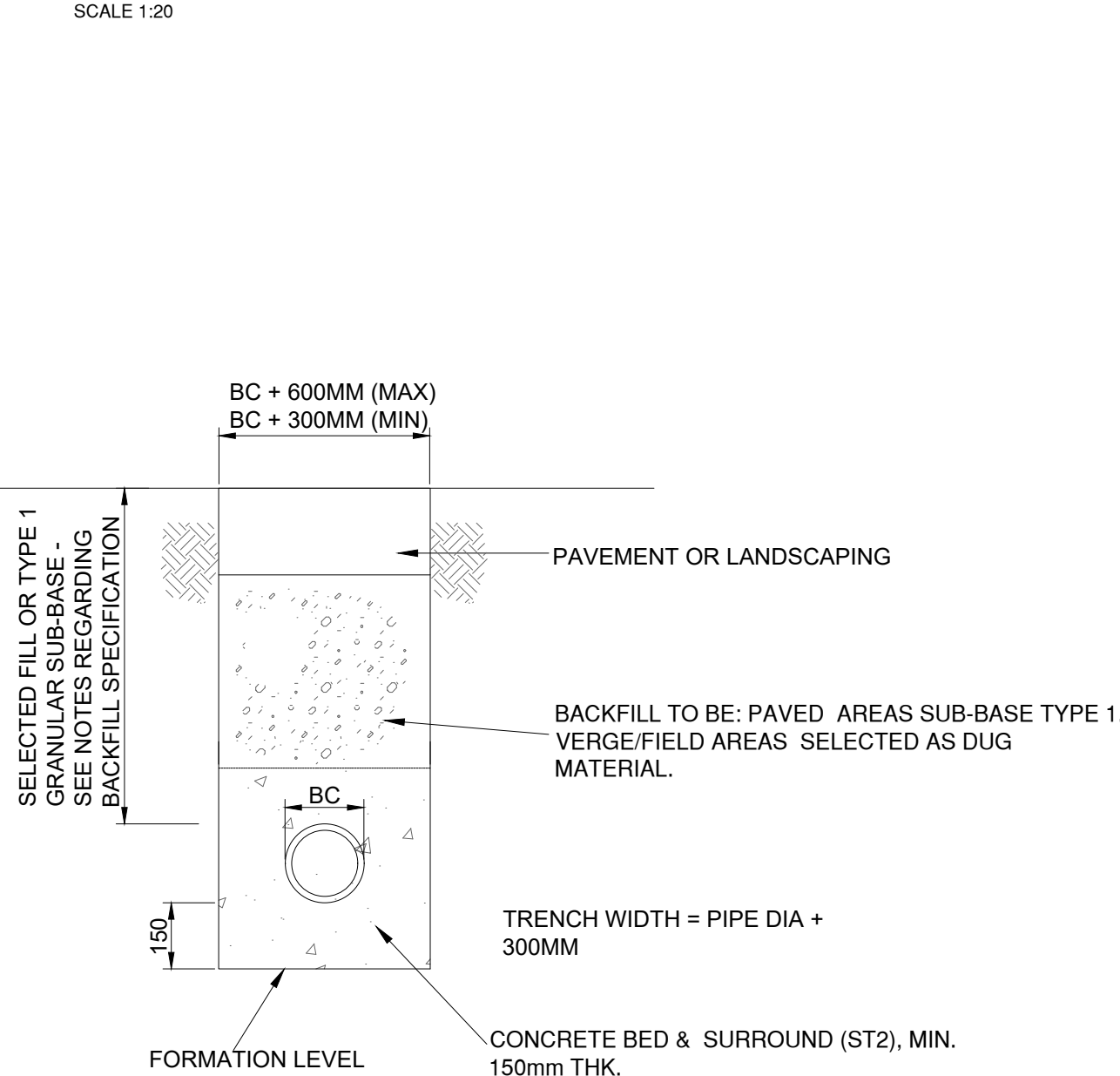
TYPE 4 INSPECTION CHAMBER MAXIMUM DEPTH FROM COVER TO SOFFIT 2m



TYPICAL ROAD GULLY DETAIL



ORIFICE INSPECTION CHAMBER DETAIL

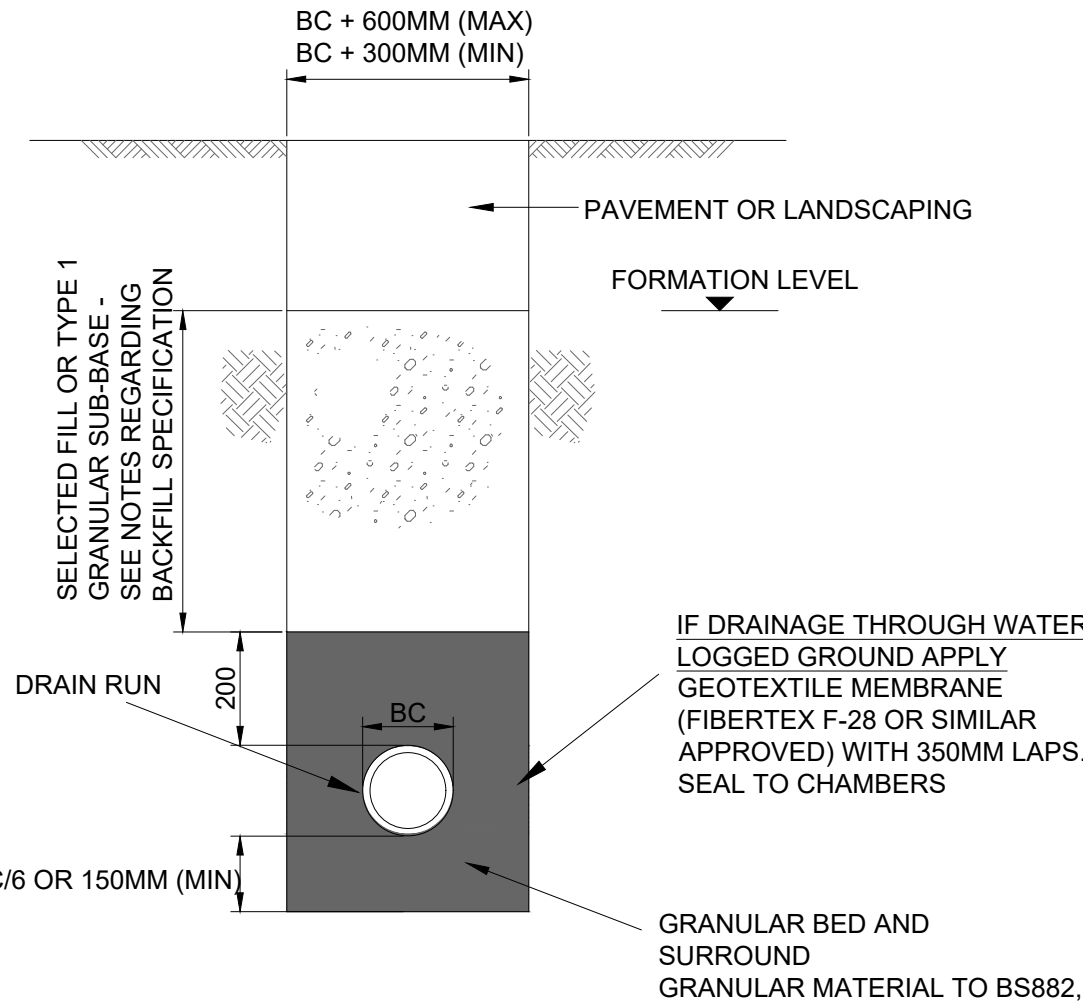


CLASS Z BED AND SURROUND FOR PIPE DEPTHS LESS THAN 1.2m

| NOMINAL SIZE OF PIPES (mm) | MAXIMUM PARTICLE SIZE (mm) | IMPORTED GRANULAR MATERIALS |
|----------------------------|----------------------------|--|
| 100 | 10 | 10mm NOMINAL SINGLE-SIZE |
| OVER 100 TO 150 | 15 | 10 OR 14mm NOMINAL SINGLE-SIZE OR 14mm TO 5mm GRADED |
| OVER 150 TO 300 | 20 | 10, 14 OR 20mm NOMINAL SINGLE-SIZE OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED |
| Over 300 To 600 | 20 | 14 OR 20mm NOMINAL SINGLE-SIZE OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED |
| Over 600 | 40 | 14, 20 OR 40mm SINGLE-SIZE OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED OR 40mm TO 5mm GRADED |

| COMPRESSIBLE FILLER AND PACKING FOR PIPELINES | |
|---|---------------------------------------|
| NOMINAL DIAMETER OF PIPE (mm) | THICKNESS OF COMPRESSIBLE FILLER (mm) |
| LESS THAN 450 | 18 |
| 450 - 1200 | 36 |
| EXCEEDING 1200 | 54 |

- MATERIAL DESIGNATED TYPE 'A' SHALL CONSIST OF ANGULAR GRAVEL OR CRUSHED ROCK GRADED IN ACCORDANCE WITH BS 892, OR AIR COOLED BLAST FURNACE SLAG TO BS 1047, OR SINTERED PULVERISED FUEL ASH TO BS 3797, SELECTED ACCORDING TO PIPE SIZE AS FOLLOWS:-
- MATERIAL DESIGNATED TYPE 'B' USED UNDER GARDENS AND VERGES SHALL, CONSIST OF UNIFORM READILY COMPACTABLE MATERIAL, FREE FROM TREE ROOTS, VEGETABLE MATTER, BUILDING RUBBISH AND FROZEN SOIL, AND EXCLUDING CLAY LUMPS RETAINED ON A 75mm SIEVE AND STONES LARGER THAN 37mm. BEDDING TO BE COMPACTED IN 225mm LAYERS.
- MATERIAL DESIGNATED TYPE 'B' USED UNDER ROADS AND FOOTPATHS SHALL, CONSIST OF GRANULAR MATERIAL AS USED FOR CARRIAGEWAY SUB-BASE CONSTRUCTION.
- CLASS S BEDDING TO BE USED ON ALL PLOT DRAINAGE AND ANY PIPES WITH A DEPTH GREATER THAN 1.2m IN ROADWAYS OR 0.9m ELSEWHERE.



CLASS S BED AND SURROUND

DRAINAGE GENERAL NOTES:

- ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE WATER SERVICES ASSOCIATION 'SEWERS FOR ADOPTION' CURRENT EDITION AND ADOPTING WATER AUTHORITY/SEWERAGE AGENCY REQUIREMENTS AND SPECIFICATIONS. ALL PRIVATE DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH BUILDING REGULATIONS 2002 EDITION.
- POSITION SIZE AND DEPTH OF ALL EXISTING SEWERS AND SERVICES SHALL BE ESTABLISHED BY MAIN CONTRACTOR PRIOR TO COMMENCEMENT ON SITE.
- THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT, AND TEMPORARY AND PERMANENT DIVERSION WORKS, AS NECESSARY TO ALL EXISTING SERVICES.
- THE CONTRACTOR SHALL ALLOW FOR ALL TRAFFIC MANAGEMENT IN CONNECTION WITH ROAD AND SEWER NETWORKS.
- THE CONTRACTOR SHALL ALLOW FOR KEEPING SEWER TRENCHES AND EXCAVATIONS AS DRY AS PRACTICABLE BY PUMPING FROM TEMPORARY SUMPS AND DEWATERING AS APPROPRIATE THE POINT AND METHOD OF DISCHARGE TO BE AGREED WITH THE DRAINAGE AUTHORITY.
- PIPES UP TO AND INCLUDING 225mm Ø TO BE EXTRA STRENGTH V CLAY OR UNPLASTICISED PVC.VITRIFIED CLAY PIPES AND FITTINGS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN295 AND BS 65 RESPECTIVELY. PIPES 300mm Ø AND GREATER TO BE CONCRETE CLASS H.
- VITRIFIED CLAY PIPES AND FITTINGS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN295 AND BS 65 RESPECTIVELY AND BE KITEMARKED. ALL PIPES SHALL BE EXTRA STRENGTH TO BS 65 OR EQUIVALENT BS EN 295 PIPE CRUSHING STRENGTH.
- ALL PIPEWORK TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.
- INSITU AND PRECAST CONCRETE UNITS SHALL HAVE SULPHATE RESISTING PORTLAND CEMENT TO BS 4027, UNLESS AGREED OTHERWISE WITH THE ADOPTING AUTHORITY.
- PRECAST CONCRETE PRODUCTS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS 5911 AND BE KITEMARKED.
- CONCRETE PIPES TO BE CLASS H UNLESS NOTED OTHERWISE.
- MANHOLE COVERS AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN124, HAVE MINIMUM 675x675 CLEAR OPENINGS WITH 150 DEEP FRAMES UNLESS OTHERWISE SPECIFIED. MANHOLE COVERS AND FRAMES TO BE NON-ROCKING DESIGN WITHOUT CUSHION INSERTS AND BE KITEMARKED. LOAD CLASS D400 IN VEHICULAR TRAFFICKED AREAS AND LOAD CLASS B125 IN FOOTWAYS AND PEDESTRIAN AREAS.
- GULLY GRATES AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN124 AND BE OF A NON-ROCKING DESIGN WITH CAPTIVE HINGE ACCESS AND BE KITEMARKED. LOAD CLASS D400 FOR ROADS REGULARLY CARRYING FAST MOVING HEAVY VEHICLES. CLASS C250 TO BE USED IN LESSER TRAFFICKED AREAS eg. ESTATE ROADS, CUL-DE-SACS, RESIDENTIAL CAR PARKING AREAS ETC.
- CLASS Z BEDDING DETAIL SHALL BE PROVIDED WHERE COVER TO THE PIPE BARREL IS LESS THAN 1.2m IN VEHICULAR TRAFFICKED AREAS AND 0.9m ELSEWHERE, TO ALL ROAD GULLY CONNECTIONS AND WITHIN AREAS OF DEEP ROOTING VEGETATION.
- WHERE CLASS Z TRENCH BEDDING DETAIL IS USED, THE CONCRETE BED AND SURROUND SHALL BE DISCOUNTED AT EACH PIPE JOINT OVER THE FULL CROSS SECTION BY MEANS OF A SHAPED COMPRESSIBLE FILLER.
- SELECTED BACKFILL MATERIAL SHALL CONSIST OF UNIFORMED MATERIAL FREE FROM STONES LARGER THAN 40mm, CLAY LUMPS LARGER THAN 75mm, TREE ROOTS ORGANIC MATTER AND FROZEN SOIL. SELECTED BACKFILL MATERIAL SHALL BE PLACED IN LAYERS NOT EXCEEDING 225mm EACH LAYER COMPACTED TO FORM A STABLE TRENCH BACKFILL.
- GENERAL BACKFILL MATERIAL TO BE FREE FROM STONES LARGER THAN 40mm. GENERAL BACKFILL MATERIAL IS TO BE PLACED IN LAYERS NOT EXCEEDING 150mm THICKNESS AND EACH LAYER COMPACTED BY HAND. NO MECHANICAL COMPACTION OF FILL MATERIAL SHALL BE PERMITTED WITHIN 300mm ABOVE THE CROWN/BARREL OF THE PIPE.
- BACK FILLING AND REINSTATEMENT TO TRENCHES IN PUBLIC HIGHWAYS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE ADOPTING AUTHORITY, OR, IN THE ABSENCE OF SUCH, IN ACCORDANCE WITH THE REQUIREMENTS OF 'THE STREET WORKS REGULATIONS 1992' AND RELEVANT PROVISIONS OF H.A.U.C 'SPECIFICATION FOR THE REINSTATEMENT OF OPENINGS IN HIGHWAYS' JUNE 1992, BOTH UNDER SECTION 71 OF THE NEW ROADS AND STREET WORKS ACT 1991.
- BACKFILL TO DRAINAGE TRENCHES IN HARD PAVED AREAS SHALL BE G.S.B TYPE 1.
- ALL RW DOWNCOMERS TO DISCHARGE TO TRAPPED GULLIES.
- ALL ROAD GULLIES ARE TO BE TRAPPED GULLIES.
- ALL GULLY LEADS TO BE 150mm DIAMETER.

Do not scale from drawings unless by agreement with Architect/Engineer. Work to figured dimensions only. Check all dimensions on site prior to commencing the works. Drawings to be read in conjunction with other relevant consultant information. Where any discrepancy is found to exist it should be reported to the Architect/Engineer immediately.



- ALL REDUNDANT EXISTING DRAINAGE TO BE GRUBBED UP OR GROUTED, ANY EXISTING LIVE DRAINAGE SHOULD BE REPORTED TO THE ENGINEER AND RECONNECTED.
- ALL ROAD GULLIES & LEADS TO BE CLEARED OF DEBRIS UPON COMPLETION OF WORKS.
- ANY EXISTING DRAINAGE WHICH BECOMES UNDER TRAFFICKED AREAS IN THE NEW SCHEME SHOULD BE SUBJECT TO THE FOLLOWING REMEDIAL/REVISIONS, WHERE DEPTH OF COVER IS LESS THAN 1200mm, THE EXISTING PIPEWORK SHALL BE EXPOSED & SURROUNDED WITH 150mm CONCRETE AS CLASS 'X' BEDDING, WHERE THE EXISTING MANHOLE COVER & FRAME IS NOT AS MANHOLE DETAIL A OR B, OR TO BS497 GRADE A, OR EN124 CLASS D, THEN IT SHOULD BE CHANGED FOR SUCH.
- THE CONTRACTOR MUST ENSURE THAT ANY OF THE EXISTING DRAINAGE WHICH IS LIVE IS KEPT CLEAR OF DEBRIS AND SHOULD ALLOW FOR JETTING THROUGH THE NEW & EXISTING DRAINAGE UPON COMPLETION.
- CONTRACTOR TO TAKE MEASURES TO PROTECT HIS OPERATIVES WITH RESPECT TO THE PRESENCE OF GAS IN SEWER TRENCHES AND MANHOLES THROUGH THE USE OF GAS MONITORING EQUIPMENT AND BREATHING APPARATUS AS REQUIRED.
- CONTRACTOR TO APPLY FOR SEWER PERMITS AND ROAD OPENING PERMITS AS NECESSARY FROM THE APPROPRIATE AUTHORITIES, PRIOR TO COMMENCING WORKS.

HEALTH & SAFETY
1. CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION.

ROADS & DRAINAGE
2. CONTRACTOR TO PROVIDE TRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE.
3. THE TIME THAT EXCAVATIONS ARE OPEN ON SITE SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES SHOULD BE SURROUNDED BY A BARRIER.
4. CONTRACTOR TO TAKE MEASURES TO PROTECT HIS OPERATIVES WITH RESPECT TO THE PRESENCE OF GAS IN SEWER TRENCHES AND MANHOLES THROUGH THE USE OF GAS MONITORING EQUIPMENT AND BREATHING APPARATUS AS REQUIRED.
5. CONNECTIONS TO EXISTING SEWERS TO BE MADE BY NWL APPROVED CONTRACTOR ONLY.
6. CONTRACTOR TO MAKE OPERATIVES AWARE OF ASSOCIATED DANGERS TO HEALTH SUCH AS LEPTOSPIROSIS (WELLS DISEASE) AND RECOMMENDED PRECAUTIONS. ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
7. UNFINISHED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH A BARRIER.

PIPES & CABLES
8. SERVICE RECORDS TO BE REFERRED TO PRIOR TO WORK COMMENCING. CONTRACTOR TO PROCEED WITH CAUTION AND SERVICES TO BE LOCATED BY HAND DIG AND PROTECTED ACCORDINGLY.

EXCAVATION/FILL
9. CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE DISTANCE FROM STEEP SLOPES DURING THE WORKS.
10. CONTRACTOR TO ENSURE THAT PROCEDURES ARE IN PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM WORKING PLANT WHERE NECESSARY.
11. CONTRACTOR TO REFER TO GROUND INVESTIGATION AND REPORT FOR CONTAMINATION TESTS AND TO PROVIDE ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING AS REQUIRED.

| Revision | Date | Drawn | Description |
|----------|----------|-------|------------------------|
| P1 | 19/11/21 | CA | Issued for information |

Client & Project
Buxworth & Brownside Parish Council
Chinley Community Centre

Address
Chinley Community Centre
Lower Lane,
Chinley,
High Peak,
SK23 6BE
Drawing Title

Proposed Drainage Details

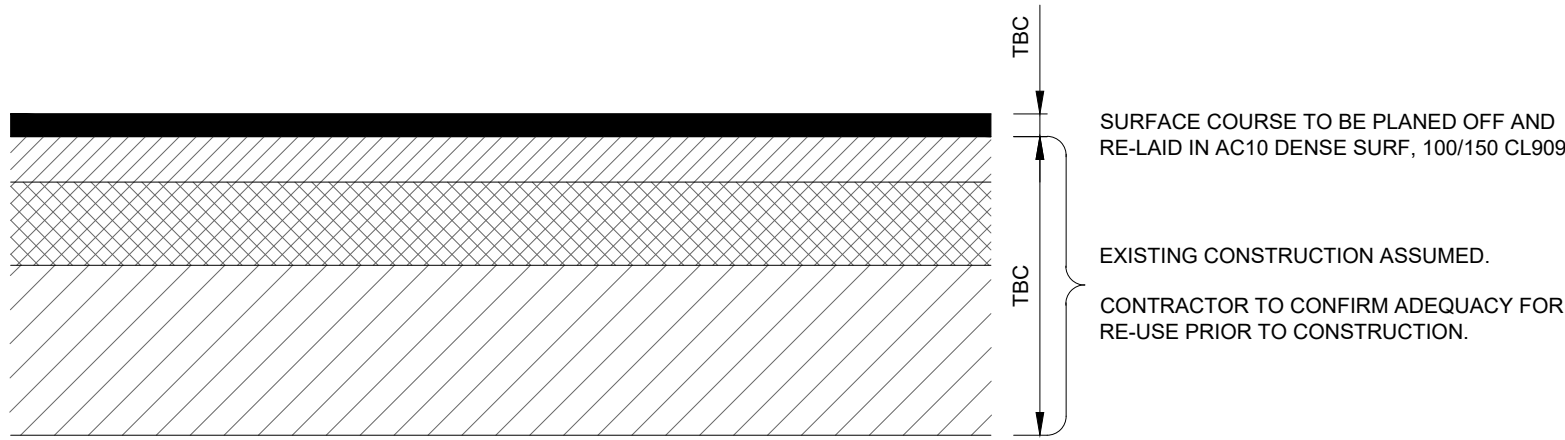
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| S2 | 1 of 1 | AS SHOWN | CA | AW |

| Drawing Number | Revision |
|---------------------------|----------|
| S3096-BDN-XX-XX-DR-C-0200 | P1 |

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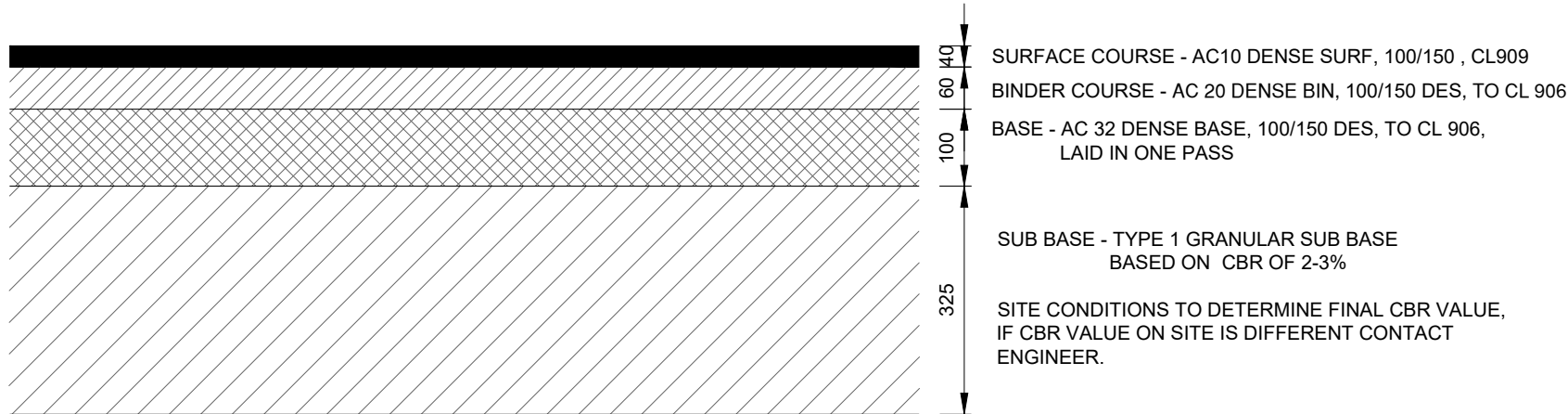
Established 1983.
T: 01915556189 E: adam@bdnritd.com
W: www.bdnritd.com
North East (Head Office)
The Old School, Simpson Street,
Sunderland, SR4 6DR
North West
Room 107, Uwerston Business Centre,
Uwerston, L41D 7UG

BuildingDesignNorthern



EXISTING ACCESS ROAD

SCALE 1:10



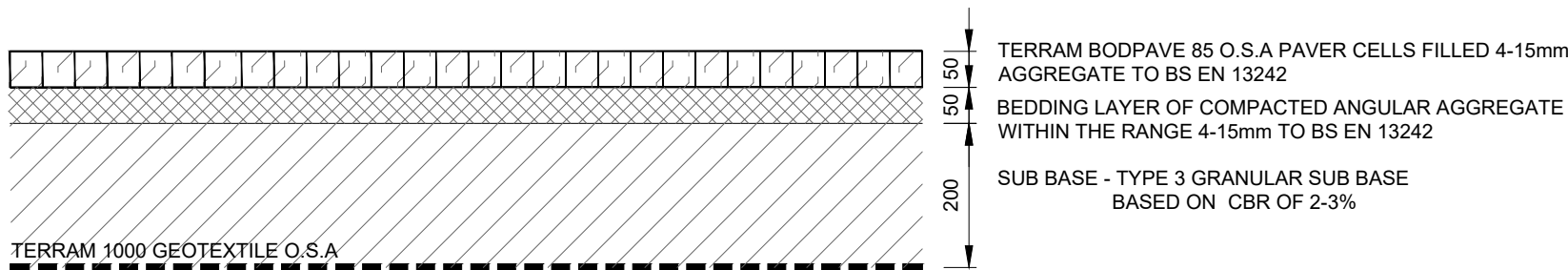
TARMAC ACCESS ROAD

SCALE 1:10



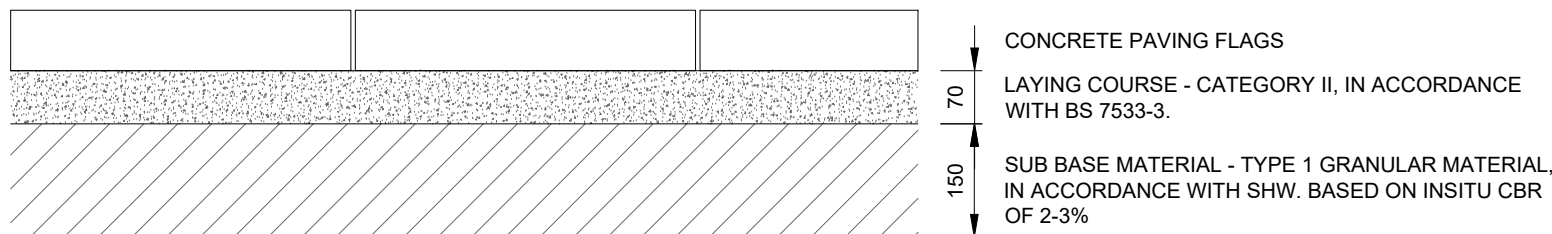
TARMAC FOOTPATH - PEDESTRIAN TRAFFIC ONLY

SCALE 1:10



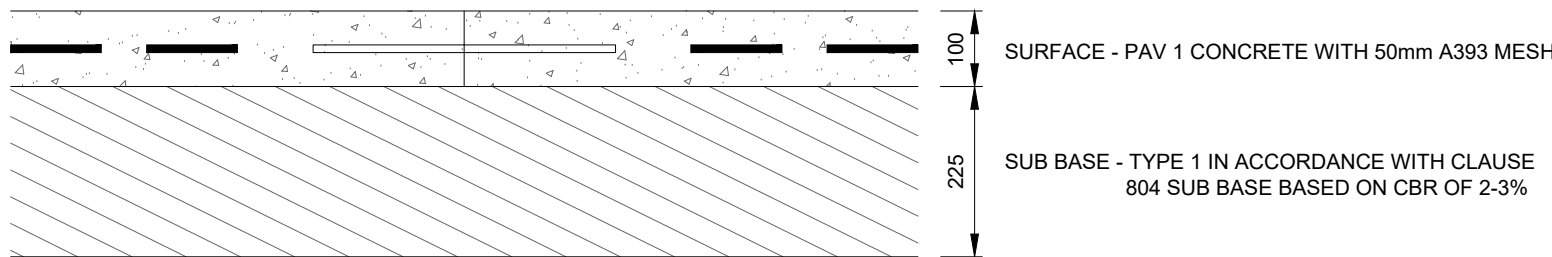
GRAVEL FOOTPATH - PEDESTRIAN ONLY

SCALE 1:10



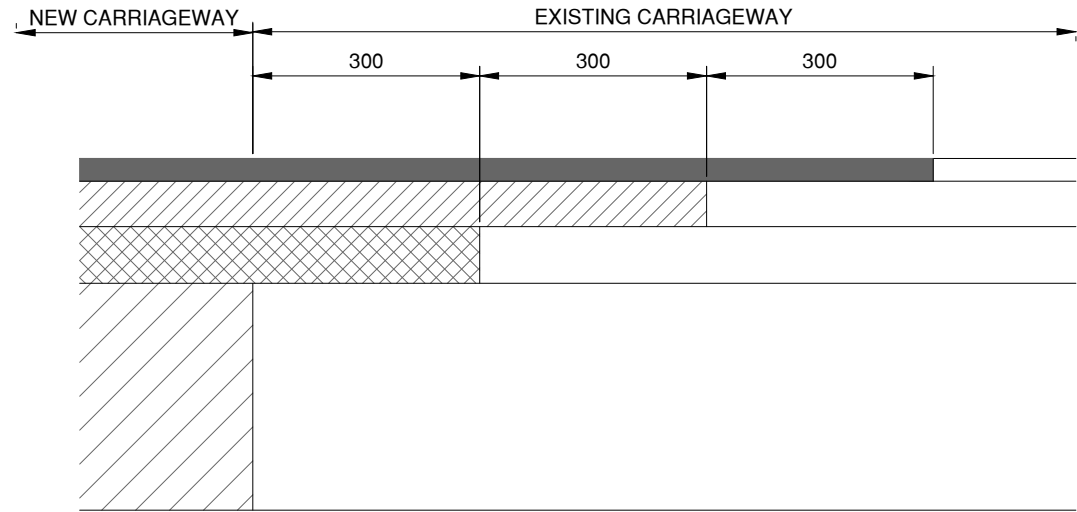
FLAGGED FOOTPATH

SCALE 1:10



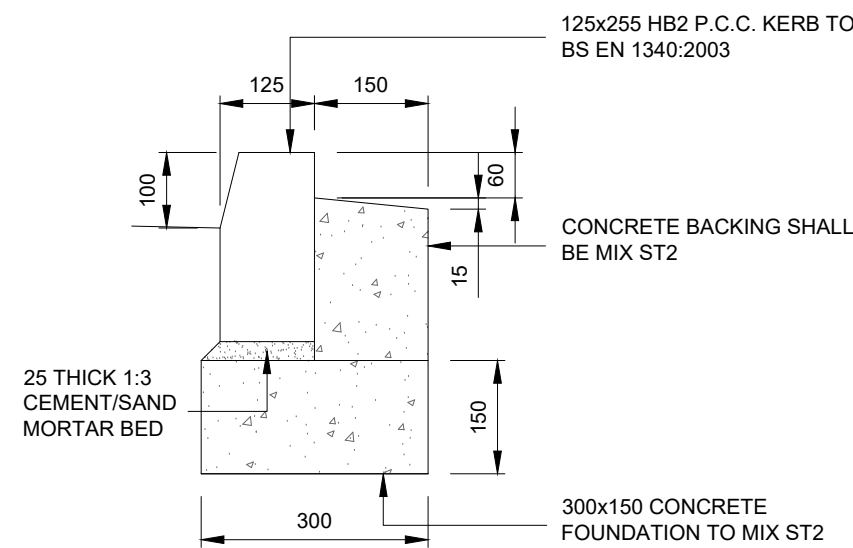
CONCRETE ACCESS PATH - PEDESTRIAN ONLY

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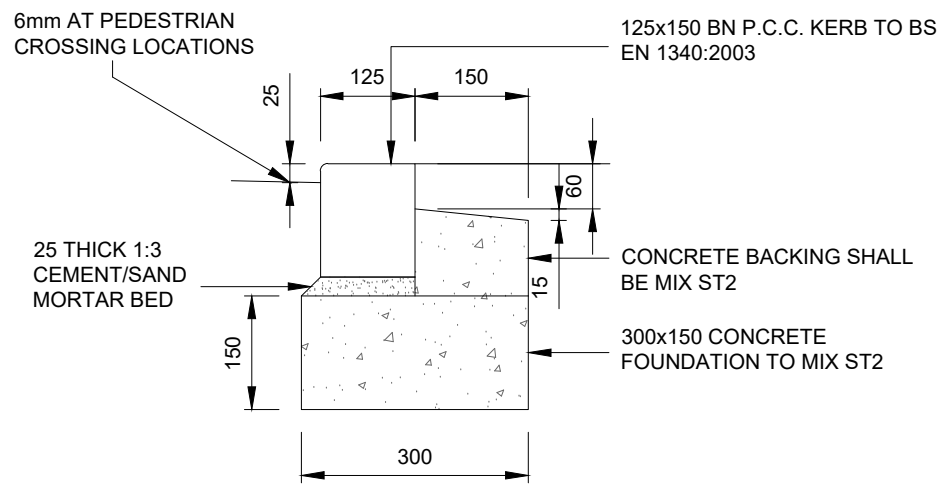
SECTION THROUGH NEW/EXISTING HIGHWAY TIE-IN

Scale 1:10



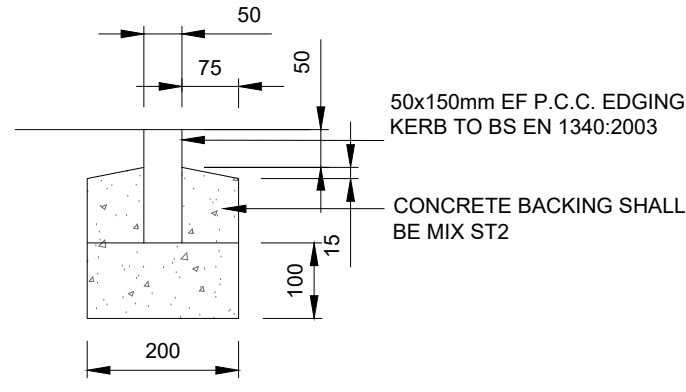
PRECAST CONCRETE HALF BATTER KERB TYPE HB2

SCALE 1:10



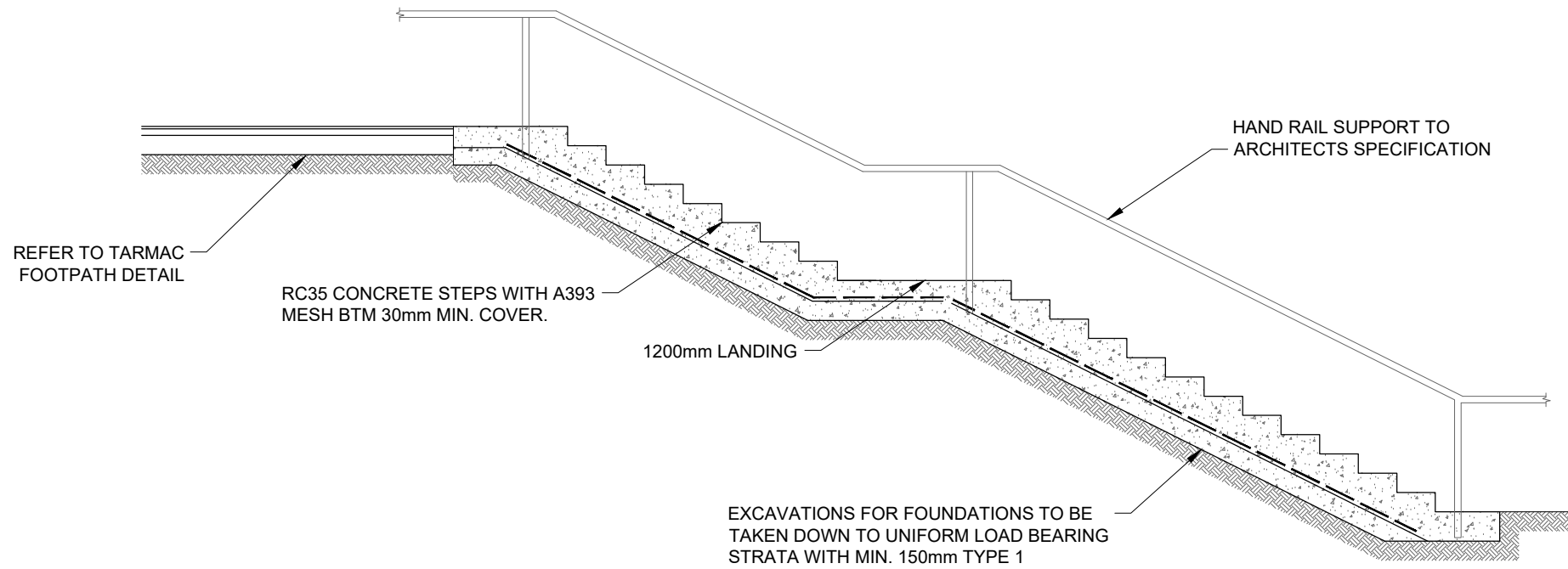
PRECAST CONCRETE BULLNOSED KERB TYPE BN

SCALE 1:10



PRECAST CONCRETE EDGING KERB TYPE EF

SCALE 1:10



TYPICAL STEP SECTION

SCALE 1:50

HARD STANDING GENERAL NOTES:

- SUB BASE DEPTHS BASED ON 5% CBR VALUE. IN ORDER TO PROVIDE AN ACCURATE CONSTRUCTION THICKNESS CBR TESTS SHOULD BE TAKEN AT FORMATION LEVEL AND THE ENGINEER INFORMED OF THE RESULTS. THE DISTANCE BETWEEN TESTS SHOULD BE CLARIFIED BY THE LOCAL AUTHORITY HIGHWAY ENGINEER. AT LEAST 5 WORKING DAYS NOTICE SHOULD BE PROVIDED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL WORKS TO THE PUBLIC HIGHWAY WILL REQUIRE THE INSPECTION AND APPROVAL OF THE LOCAL HIGHWAYS DEPARTMENT. THE CONTRACTOR SHOULD CONTACT THE HIGHWAYS INSPECTOR PRIOR TO COMMENCEMENT TO AGREE AN INSPECTION REGIME.
- ALL PLACEMENT OF MATERIALS SHOULD BE UNDERTAKEN IN ACCORDANCE WITH THE RELEVANT SECTIONS OF THE SPECIFICATION FOR HIGHWAYS WORKS.
- ANY SOFT SPOTS OR DISCREPANCIES IN SUB SOIL MATERIAL FOUND DURING EXCAVATION SHOULD BE REPORTED TO THE ENGINEER. ALL SOFT SPOTS SHOULD BE REMOVED AND REPLACED WITH TYPE 1 GRANULAR MATERIAL. PLACED IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS.
- NO FROST SUSCEPTIBLE MATERIAL SHOULD BE PLACED/OR REMAIN WITHIN 450MM OF FINISHED LEVEL.
- CONCRETE FOR FOUNDATIONS AND HAUNCHING TO BS8500-2. STANDARD MIX ST4. FOUNDATIONS SHOULD BE ACCURATELY CAST FOUNDATIONS IN ALL AREAS SUBJECT TO VEHICULAR TRAFFIC.
- FOLLOWING CONSTRUCTION, FOUNDATIONS AND HAUNCHING TO BE GIVEN ADEQUATE TIME TO STRENGTHEN PRIOR TO VEHICULAR TRAFFICKING.
- PRE CAST RADIUS KERBS SHOULD BE USED ON ALL RADII UPTO 15m.
- WORKS SHOULD BE PROGRAMMED BY THE CONTRACTOR TO ENSURE THAT NO TRAFFICKING OF PAVEMENTS BY CONSTRUCTION TRAFFIC OCCURS, OTHER THAN THAT PREVIOUSLY AGREED UPON BY THE ENGINEER.
- VERTICAL EDGES OF MANHOLES, GULLIES, KERBS AND OTHER ABUTMENTS CLEAN AND PAINT WITH A THIN UNIFORM COATING OF COLD APPLIED THIXOTROPIC BITUMEN EMULSION. TAMP SURFACE AROUND PROJECTIONS. LEVEL: FLUSH OR NOT MORE THAN 3mm ABOVE PROJECTIONS.

| Revision | Date | Drawn | Description |
|----------|----------|-------|---------------------------|
| P1 | 19/11/21 | CA | Issued for information. |
| P2 | 25/11/21 | CA | Revised to suit comments. |
| T1 | 14/01/21 | AW | Issued for Tender |

Client & Project

Buxworth & Brownside Parish Council

Chinley Community Centre

Address

Chinley Community Centre

Lower Lane,
Chinley,
High Peak,
SK23 6BE

Drawing Title

Proposed Construction Details

| Status / Stage | Sheet | Scale @ A1 | Drawn | Checked |
|----------------|--------|------------|-------|---------|
| D2 | 1 of 1 | AS SHOWN | CA | AW |

| Drawing Number | Revision |
|---------------------------|----------|
| S3096-BDN-XX-XX-DR-C-0201 | T1 |

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|-----|------|------|------|------|
| 0mm | 1.0m | 2.0m | 4.0m | 6.0m |
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Established 1983.

T: 01915556189 E: duham@bdntrtd.com
W: www.bdntrtd.com

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Uwerston, LA12 7JG

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