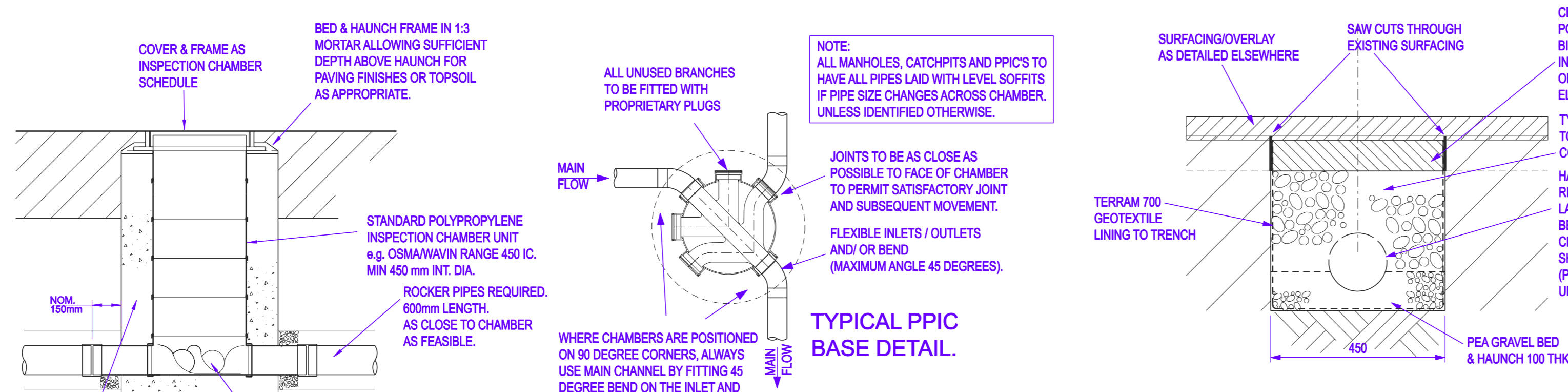


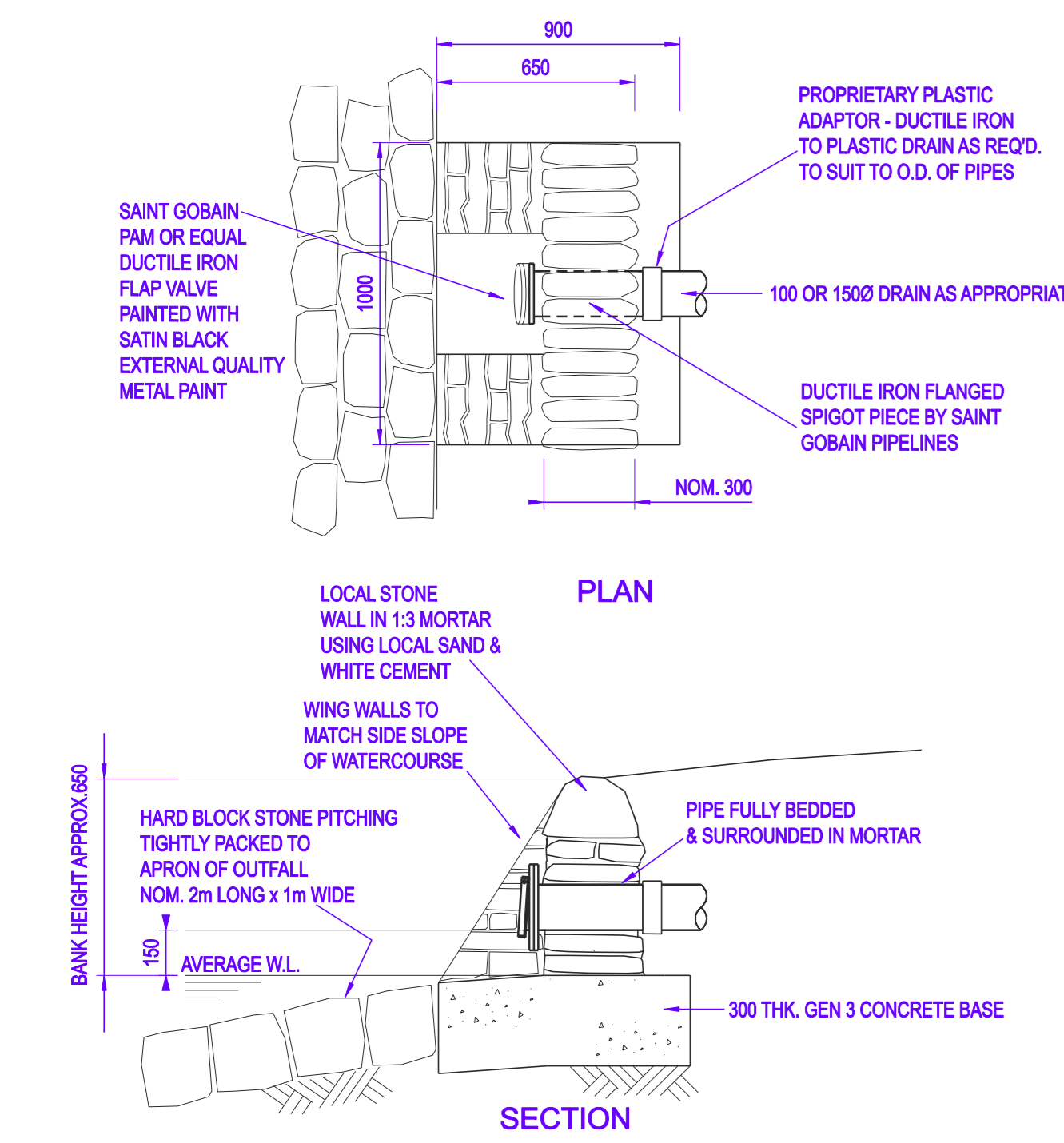
**SURFACE WATER INSPECTION CHAMBER SCHEDULE**

| INSPECTION CHAMBER | COVER LEVEL | INVERT LEVEL (mm) | INSPECTION CHAMBER TYPE / OUTLET PIPE SIZE | COVER 3 TYPE | NOTES |
|--------------------|-------------|-------------------|--|--------------|-------|
| S1                 | 128.29      | 127.84            | 450 PPIC150                                | A            |       |
| S2                 | 128.10      | 127.65            | 450 PPIC150                                | A            |       |
| S3                 | 127.98      | 127.53            | 450 PPIC150                                | A            |       |
| S4                 | 127.80      | 127.35            | 450 PPIC150                                | A            |       |
| S5                 | 127.59      | 127.14            | 450 PPIC150                                | A            |       |
| S6                 | 128.08      | 127.83            | 450 PPIC150                                | A            |       |
| S7                 | 128.03      | 127.58            | 450 PPIC150                                | A            |       |
| S8                 | 127.99      | 127.38            | 450 PPIC150                                | A            |       |
| S9                 | 127.85      | 127.25            | 450 PPIC150                                | A            |       |
| S10                | 127.92      | 127.52            | 450 PPIC150                                | A            |       |
| S11                | 127.90      | 127.45            | 450 PPIC150                                | A            |       |
| S12                | 127.79      | 127.34            | 450 PPIC150                                | A            |       |
| S13                | 127.60      | 127.12            | 450 PPIC150                                | A            |       |
| S14                | 127.81      | 127.38            | 450 PPIC150                                | A            |       |
| S15                | 127.68      | 127.23            | 450 PPIC150                                | A            |       |

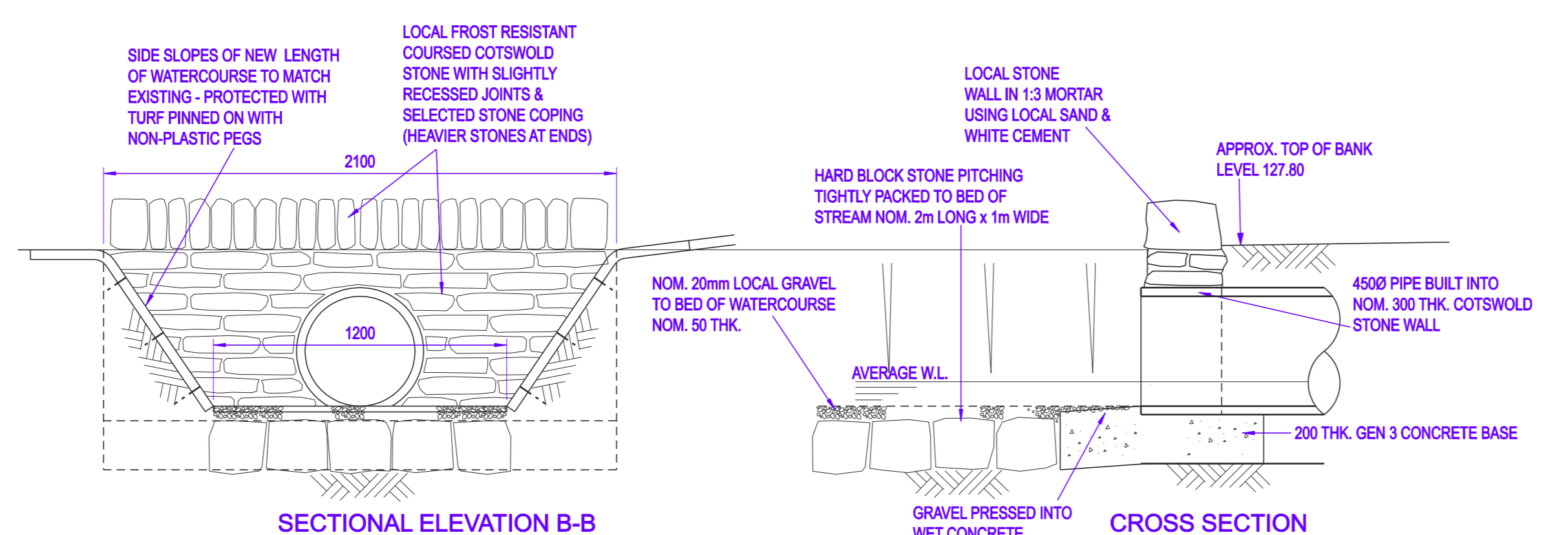
**INSPECTION CHAMBER SCHEDULE NOTES**  
 1 LEVELS TO BE ADJUSTED AS REQUIRED TO SUIT FINAL LEVELS & CROSSFALLS.  
 2 PPIC = OSMAWAIN RANGE 450 IC OR EQUAL. BASES AS APPROPRIATE TO SIZE AND POSITIONS OF CONNECTING DRAINS.  
 3 A# 4500, C.I. PETER SHAPE KD31C, C260 LOADING



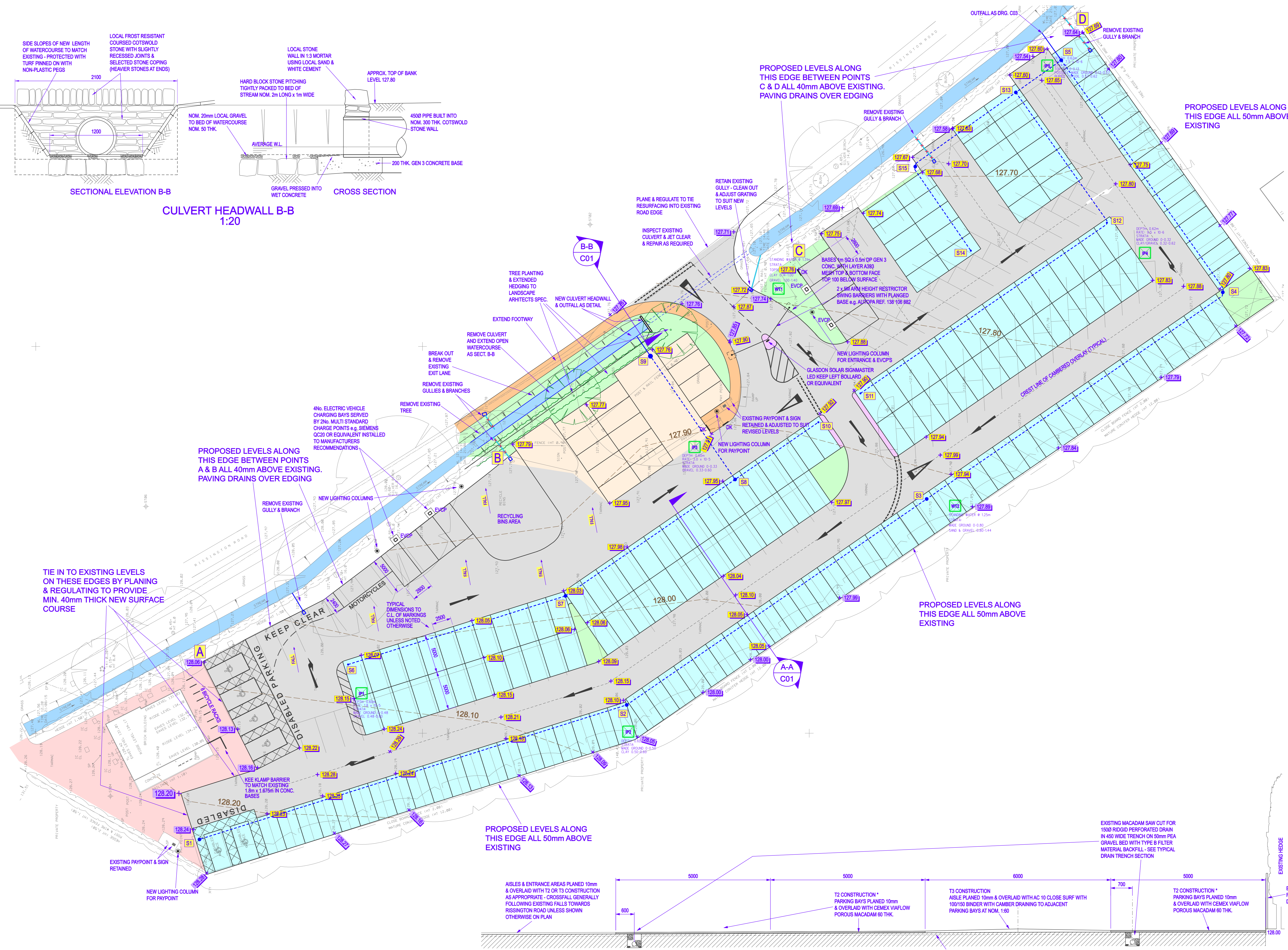
**NOM. 450 DIA. PLASTIC INSPECTION CHAMBER 1:20 @ A0**  
 MIN. 150mm THICK GEN3 CONCRETE BASE AND SURROUND TO PPIC CHAMBER (SURROUND CAST AGAINST TEMP. FORMWORK)  
 STANDARD POLYPROPYLENE BASE UNIT TO BE USED FOR 150 AND 150 DIA PIPES. ALL UNUSED BRANCHES TO BE FITTED WITH PROPRIETARY PLUGS  
 STANDARD POLYPROPYLENE INSPECTION CHAMBER UNIT e.g. OSMAWAIN RANGE 450 IC. MIN 450mm INT. DIA. 800mm LENGTH, AS CLOSE TO CHAMBER AS FEASIBLE.  
 JOINTS TO BE AS CLOSE AS POSSIBLE TO FACE OF CHAMBER TO PERMIT SATISFACTORY JOINT AND SUBSEQUENT MOVEMENT.  
 FLEXIBLE INLETS / OUTLETS AND / OR BEND (MAXIMUM ANGLE 45 DEGREES).  
 WHERE CHAMBERS ARE POSITIONED ON 90 DEGREE CORNERS, ALWAYS USE MAIN CHANNEL BY FITTING 45 DEGREE BEND ON THE INLET AND OUTLET  
 ALL UNUSED BRANCHES TO BE FITTED WITH PROPRIETARY PLUGS  
 NOTE: ALL MANHOLES, CATCHPITS AND PROPS TO HAVE ALL PIPES LAD WITH LEVEL SOFFITS IF PIPE SIZE CHANGES ACROSS CHAMBER UNLESS IDENTIFIED OTHERWISE.  
 SURFACING/OVERLAY AS DETAILLED ELSEWHERE  
 SAW CUTS THROUGH EXISTING SURFACING  
 CEMEX W/AFLOW POROUS MACADAM BRICKER COURSE 80 THK IN POROUS PAVED AREAS OR 80 THICK AC32 BIN ELSEWHERE  
 TYPE 8 FILTER MATERIAL TO MCHW CL. 85 FULLY COMPACTED  
 HALF PERFORATED RIGID PLASTIC DRAIN LAID TO EVEN FALLS BETWEEN INSPECTION CHAMBER LEVELS SHOWN (PERFORATIONS UPPERMOST)  
 TERRAM 700 GEOTEXTILE LINING TO TRENCH  
 PEA GRAVEL BED & HAUNCH 100 THK



**STORMWATER DISCHARGE HEADWALL 1:20**



**CULVERT HEADWALL B-B 1:20**



**NOTES**  
 1. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE LATEST REVISIONS OF DRAWING C03 & THE CIVIL WORKS SPECIFICATION

**KEY**

- PROPOSED POROUS HALF SLOTTED RIGID PLASTIC STORMWATER DRAIN 1500 UNLESS NOTED OTHERWISE
- PROPOSED PLASTIC STORMWATER CARRIER DRAIN 1500 UNLESS NOTED OTHERWISE
- EXISTING STORM DRAINS
- EXISTING DRAINS TO BE REMOVED
- EXISTING TARMACADAM SURFACE PLANED & OVERLAYED WITH NEW SURFACE COURSE SEE SECTION A-A
- EXISTING TARMACADAM SURFACE PLANED & REPLACED WITH POROUS MACADAM AS SECTION A-A
- NEW POROUS MACADAM CONSTRUCTION AS DRAWING C03
- RASSED ISLAND INFILLED WITH 100mm PW2 CONCRETE ON PLASTIC SHEET ON 150mm TYPE 1 SUB-BASE
- LANDSCAPED AREA REQUIRING BREAKING OUT OF EXISTING SURFACES & REPLACEMENT WITH NOM. 450mm SUBSOIL & 100mm TOPSOIL CULTIVATED & SEEDING AS LANDSCAPING SPEC.
- EXISTING MACADAM AROUND TOILET BLOCK PLANED AND OVERLAYED WITH NEW ACS SURF MACADAM SURFACE COURSE AFTER COMPLETION OF ALL BELOW GROUND WORKS, STREET FURNITURE ETC.
- WATERCOURSE
- INSPECTION CHAMBER & REFERENCE
- NEW OR EXISTING ROAD GULLY AS NOTED
- EXISTING LEVEL
- PROPOSED LEVEL
- APPROX. EXISTING CONTOURS
- TEST PIT LOCATION & SUMMARY OF FINDINGS REFER TO SITE INVESTIGATION REPORT
- MULTI STANDARD ELECTRIC VEHICLE CHARGE POINTS e.g. SIEMENS EVC2 OR EQUIVALENT INSTALLED TO MANUFACTURERS RECOMMENDATIONS WITH IN SITU CONC. PLINTH TO SIZE REQ'D IN 100THK GEN 3 CONC.

**DRAWING STATUS**

|   |          |    |                              |
|---|----------|----|------------------------------|
| C | 28.01.20 | MJ | PUBLIC COMMENTS INCORPORATED |
| B | 16.09.19 | MJ | DRAFT TENDER ISSUE           |
| A | 12.02.19 | JB | INITIAL ISSUE                |

**Revision**

| Rev | DATE | BY | AMENDMENT |
|-----|------|----|-----------|
|-----|------|----|-----------|

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 Bourton on the Water

**Client**  
 PLD/CRB

**Project**  
 Rissington Road Car Park  
 Bourton on the Water

**Drawn by**  
 DATE: 12.02.19  
 BY: JB

**Checked by**  
 DATE: 16.09.19  
 BY: MJ

**Title**  
**PROPOSED CAR PARK IMPROVEMENTS GENERAL ARRANGEMENT**

**Scale**  
 1:200@A1

**Project No.**  
 1468

**Drawing No.**  
 C01

**Rev.**  
 C

**SECTION A-A SHOWING GENERAL PRINCIPLES OF RESURFACING & DRAINAGE 1:50**  
 \*NOTE: PLANNING MUST BE CONTROLLED TO ENSURE THERE IS A POSITIVE GRADIENT AT UNDERSIDE OF POROUS SURFACE COURSE TOWARDS THE DRAINAGE RUNS (TO AVOID UNDESIRABLE PONDING IN THE POROUS LAYER)