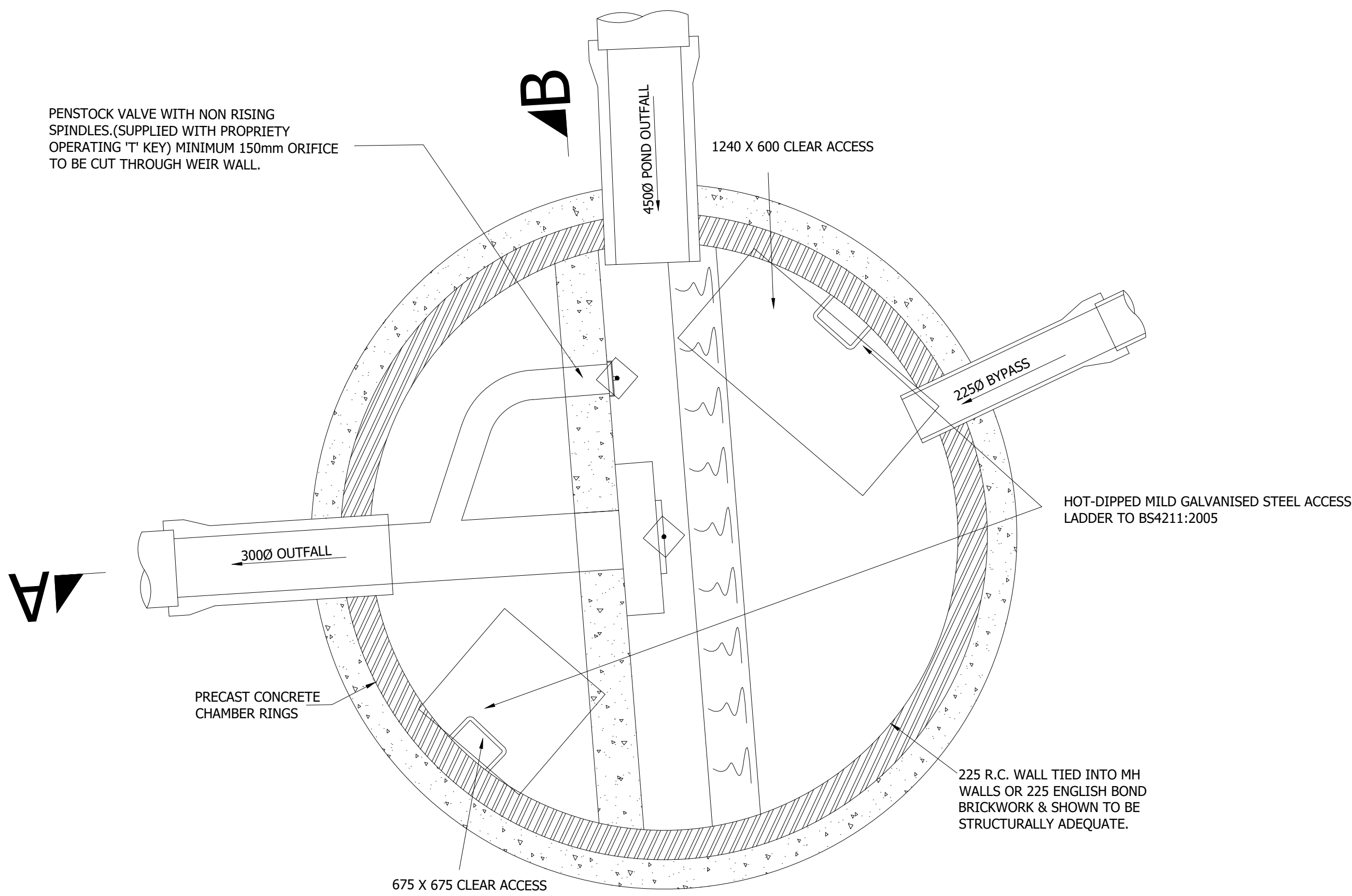




HYDROBRAKE - MH S22  
DESIGN HEAD= 1.737m FLOW RATE 14.0 l/s  
HYDRO INTERNATIONAL MODEL -  
CTL-SHE-0159-1400-1700-1400

THE BENCHING ON THE DOWNSTREAM SIDE OF THE WEIR IS TO BE LEFT OUT TO FORM A CATCHPIT AND A TEMPORARY GRILLE FITTED OVER THE OUTGOING PIPE DURING CONSTRUCTION TO PREVENT DEBRIS FROM ENTERING THE PUBLIC SEWER SYSTEM.

TO BE CONSTRUCTED GENERALLY IN ACCORDANCE WITH MANHOLE TYPE B.

CONCRETE REINFORCEMENT DETAILS NOT SHOWN HERE. REFER TO SEPARATE DETAILS DRAWING.

HYDROBRAKE TO BE FITTED PRIOR TO MANHOLE COVER SLAB BEING CONSTRUCTED.

**WARNING SIGNS**

THE WARNING SIGNS ARE TO BE 40mm HIGH RED LETTERING ON A WHITE PLASTIC BASE. THE PLASTIC BASE DIMENSIONS ARE TO BE APPROX 300mm x 300mm x 6mm.

THE BASE IS TO BE RESISTANT TO ATTACK BY SEWAGE ENVIRONMENT.

THE WARNING SIGN IS TO BE MOUNTED ON A REMOVABLE SAFETY GRID AVAILABLE FROM COVER MANUFACTURER.

THE SIGN IN FLOW CONTROL CHAMBER IS TO READ 'CAUTION - HYDROBRAKE LOCATED HERE.'

A SIGN MUST BE FITTED IN THE UPSTREAM MH TO READ 'CAUTION - HYDROBRAKE DOWNS STREAM.'

A SIGN MUST BE FITTED IN THE DOWNSTREAM MH WHICH READS 'CAUTION - HYDROBRAKE UP STREAM.'

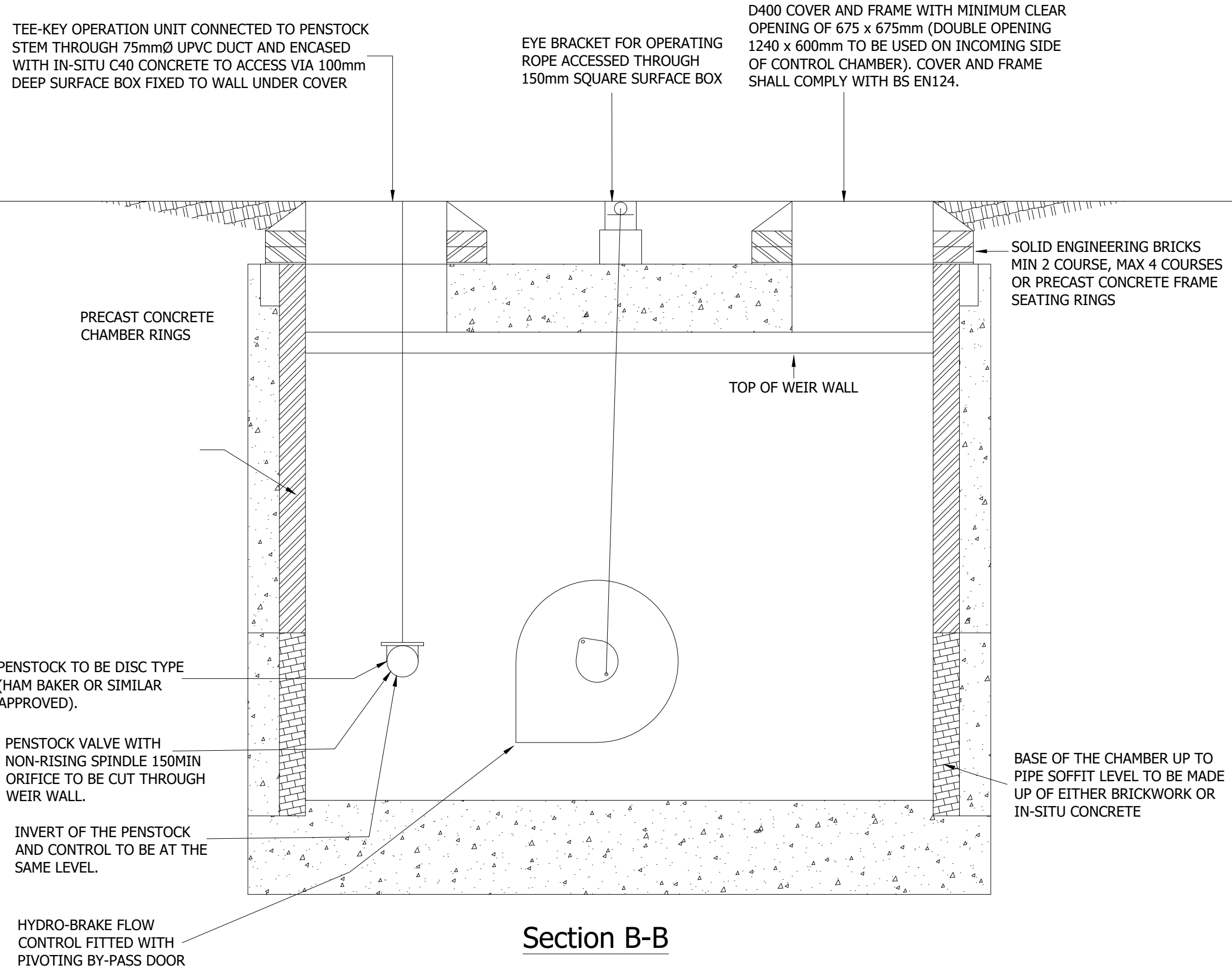
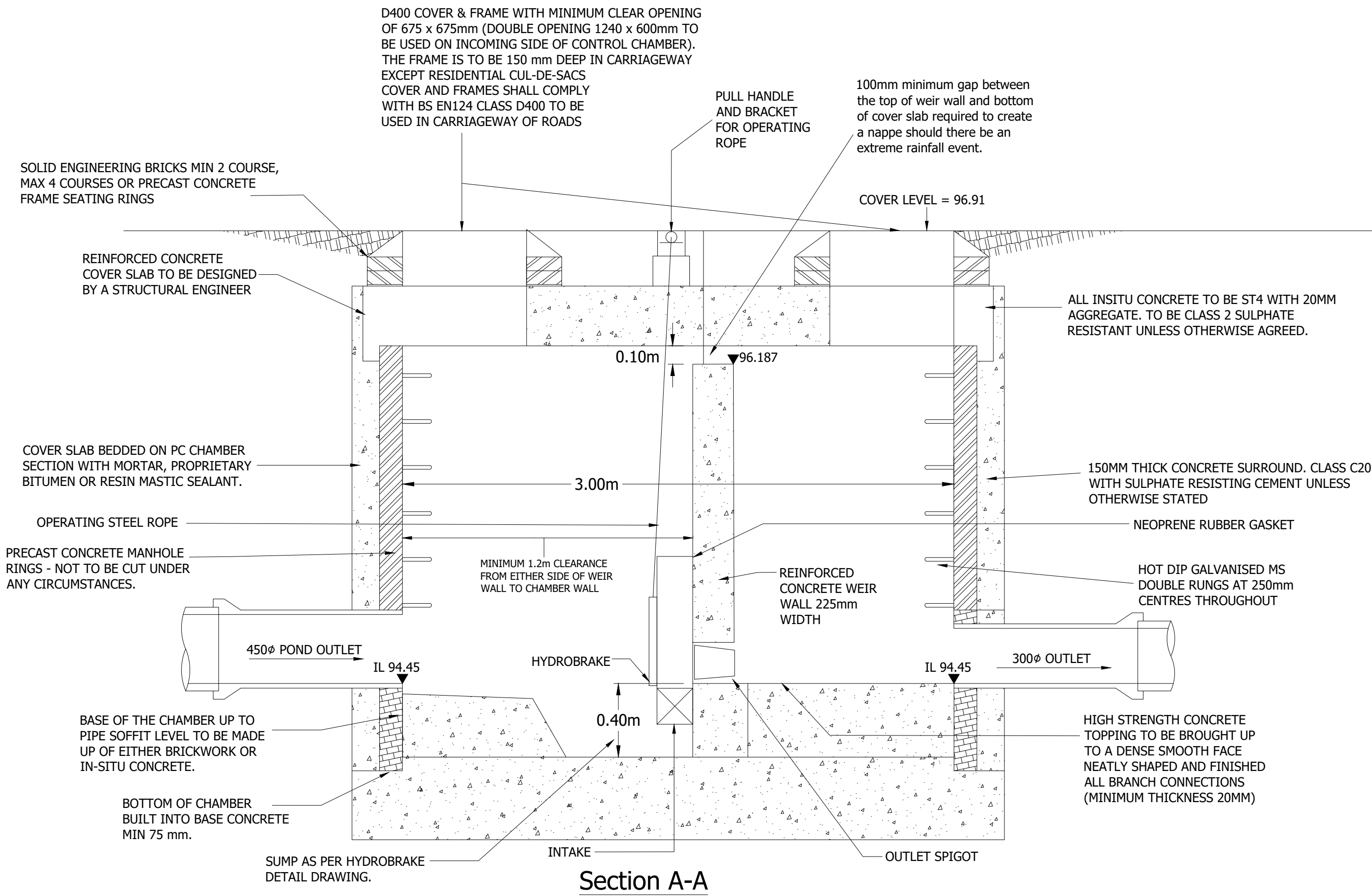
1. DO NOT SCALE FROM THIS DRAWING. IF IN DOUBT CONTACT TRAVIS BAKER LIMITED.
2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS RELATING TO THIS PROJECT.
4. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHOULD BE IMMEDIATELY NOTIFIED IN WRITING TO TRAVIS BAKER LIMITED.
5. THE CONTRACTOR SHALL PRIOR TO CONSTRUCTION CHECK AND VERIFY THAT THE DETAILS SHOWN ON THIS DRAWING ARE FULLY COMPATIBLE WITH ANY AS CONSTRUCTED DIMENSIONS OR LEVELS. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY IN WRITING TO TRAVIS BAKER LIMITED.
6. THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE COMMISSIONING PARTY AND UNLESS AGREED IN WRITING BY TRAVIS BAKER LIMITED NO OTHER PARTY MAY USE OR RELY ON ITS CONTENTS. NO LIABILITY IS ACCEPTED BY TRAVIS BAKER LIMITED FOR ANY USE OF THIS DRAWING OTHER THAN FOR THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.
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8. THIS DRAWING SHALL NOT BE REPRODUCED IN ANY WAY WITHOUT THE WRITTEN PERMISSION OF TRAVIS BAKER LIMITED.

REFER TO MANHOLE SCHEDULES  
DRAWING, 21246 306, FOR MOST  
UP TO DATE COVER AND INVERT  
LEVELS.

ALL ADOPTABLE DRAINAGE MUST  
COMPLY WITH THE DESIGN AND  
CONSTRUCTION GUIDANCE  
(APPENDIX C OF SSG) AND  
SEVERN TRENT WATER  
REQUIREMENTS

PRELIMINARY  
SUBJECT TO SECTION  
104 APPROVAL

## Plan of Control Chamber S22



| REV | DESCRIPTION                                             | DATE     | BY | AUTH |
|-----|---------------------------------------------------------|----------|----|------|
| A   | THE COVER LEVEL & THE TOP OF THE WEIR WALL WAS UPDATED. | 05.09.24 | KG | TW   |

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PERSIMMON

PROJECT  
THURLASTON LANE,  
EARL SHILTON

TITLE  
S104 CONTROL MANHOLE  
DETAIL S22

| DRAWN | AUTHORISED | SCALE    | DATE     |
|-------|------------|----------|----------|
| TW    | TW         | 1/20-@A1 | 20.10.21 |

| PROJECT NO. | DRAWING NO. | REV |
|-------------|-------------|-----|
| 21246       | 320         | A   |

STATUS.  
**PRELIMINARY**