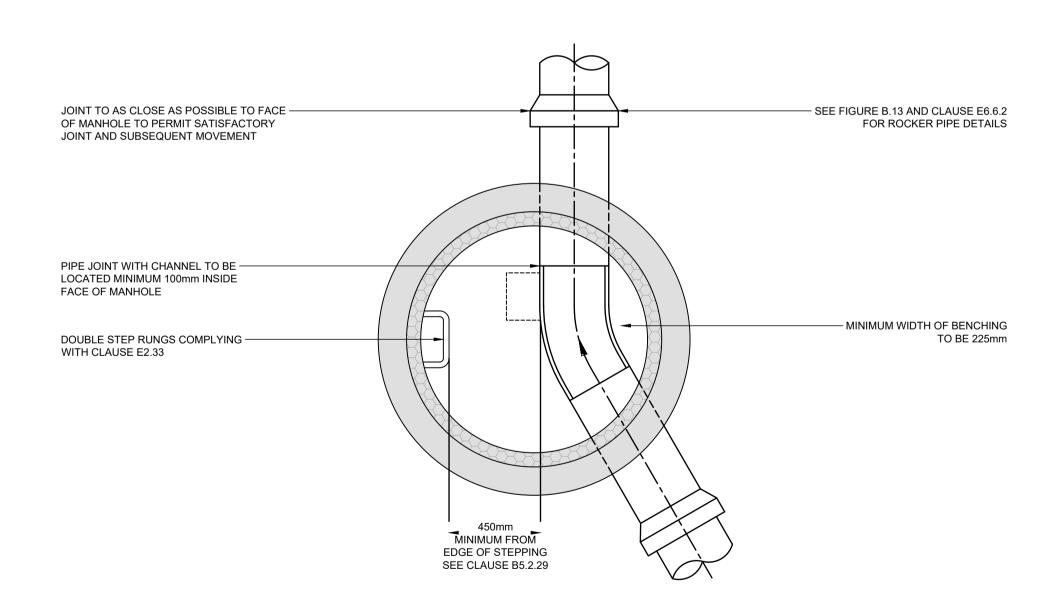
TYPE B - TYPICAL MANHOLE DETAIL FIGURE B 10 SEWERAGE SECTOR GUIDANCE APPENDIX C - 'THE CODE' DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 1.5m TO 3m RIGID MATERIAL CONSTRUCTION **WITH** CONCRETE SURROUND

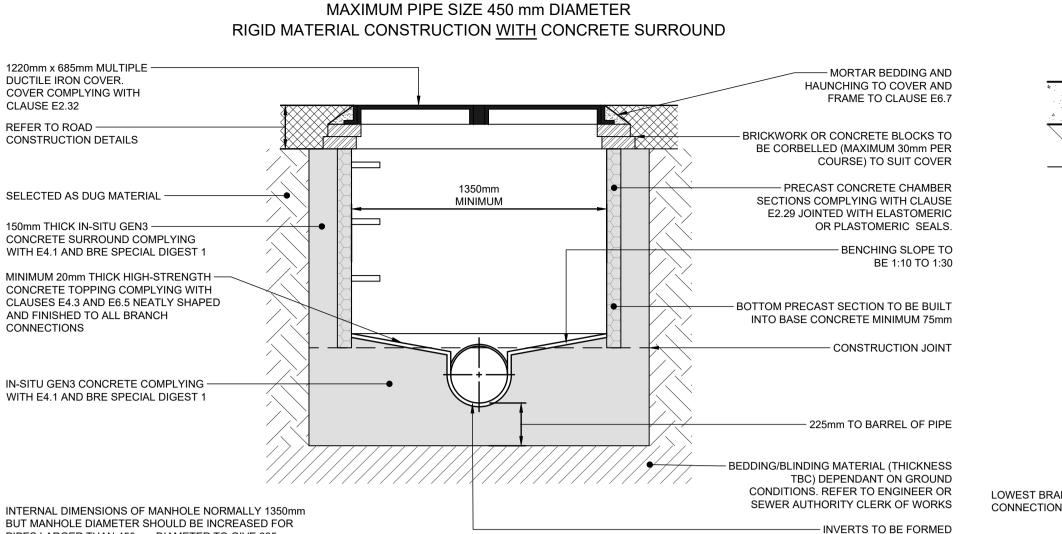
COVER COMPLYING WITH CLAUSE E2.32 600mm x 600mm CLEAR OPENING MORTAR BEDDING AND HAUNCHING -TO COVER AND FRAME TO CLAUSE E6.7 MINIMUM 1 COURSE OF CLASS B **ENGINEERING BRICKS OR** PRECAST CONCRETE COVER REFER TO ROAD -FRAME SEATING RINGS CONSTRUCTION DETAILS - PRECAST CONCRETE SLAB COMPLYING WITH CLAUSE E2.30 675mm MAXIMUM TO FIRST LADDER RUNG FROM COVER LEVEL MINIMUM CLEAR ACCESS 600mm LIFTING EYES IN CONCRETE RINGS-TO BE POINTED PRECAST CONCRETE CHAMBER SELECTED AS DUG MATERIAL SECTIONS COMPLYING WITH CLAUSE E2.29 JOINTED WITH ELASTOMERIC OR PLASTOMERIC SEALS. DN/ID TO CLAUSE B5.2.12 150mm THICK IN-SITU GEN3 -CONCRETE SURROUND COMPLYING CHAMBER HEIGHT (NOT LESS THAN 900mm) WITH E4.1 AND BRE SPECIAL DIGEST 1 BOTTOM PRECAST SECTION TO BE BUILT INTO BASE CONCRETE MINIMUM 75mm BACKFILL WITH SUITABLE AS MINIMUM 20mm THICK HIGH-STRENGTH CONCRETE -TOPPING COMPLYING WITH CLAUSES E4.3 AND BENCHING SLOPE TO BE 1:10 TO 1:30 E6.5 NEATLY SHAPED AND FINISHED TO ALL BRANCH CONNECTIONS - CONSTRUCTION JOINT SELF-CLEANING TOE HOLES TO BE DISTANCE BETWEEN TOP OF PIPE AND PROVIDED WHERE CHANNEL UNDERSIDE OF PRECAST SECTION TO **EXCEEDS 600mm WIDE** BE MINIMUM 50mm TO MAXIMUM 300mm IN-SITU GEN3 CONCRETE COMPLYING -WITH E4.1 AND BRE SPECIAL DIGEST 1 INVERTS TO BE FORMED USING -- 225mm TO UNDERSIDE OF CHANNEL **CHANNEL PIECES** BEDDING/BLINDING MATERIAL (THICKNESS TBC) DEPENDANT ON GROUND CONDITIONS. REFER TO ENGINEER OR SEWER

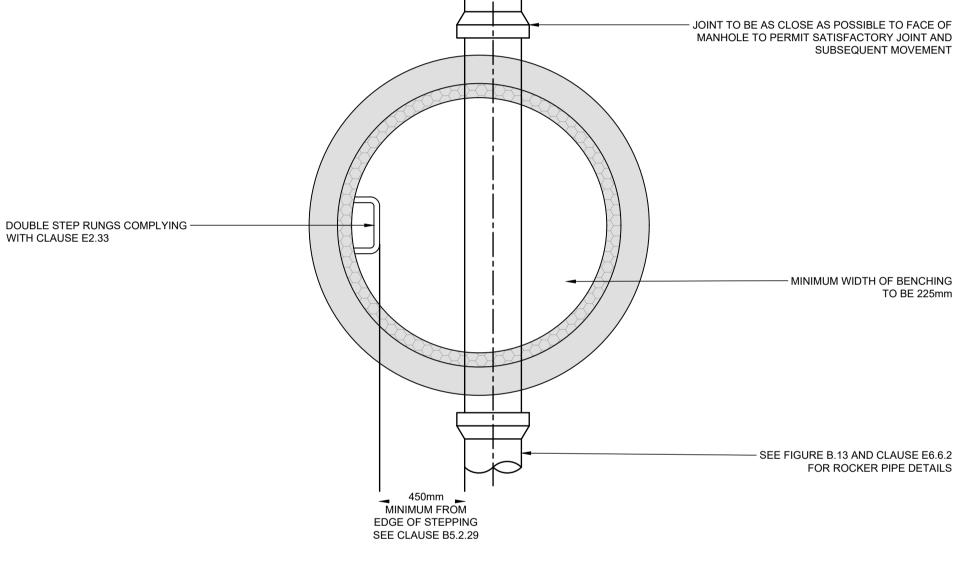


IMPORTANT NOTE: CAUTION ALL INFORMATION SHOWN ON THIS DRAWING FOR UNDERGROUND SERVICES/STATUTORY UNDERTAKERS' PLANT IS APPROXIMATE AND IS <u>PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY</u>. T SHOULD NOT BE RELIED ON FOR EXCAVATION OR ANY OTHER CONSTRUCTION WORKS PURPOSES AND CONTRACTORS MUST SATISFY THEMSELVES OF THEIR LOCATIONS PRIOR TO THE COMMENCEMENT OF WORKS.

TYPE C - TYPICAL MANHOLE DETAIL

FIGURE B 15 (ALTERNATIVE) SEWERAGE SECTOR GUIDANCE APPENDIX C - 'THE CODE' DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE LESS THAN 1.5m

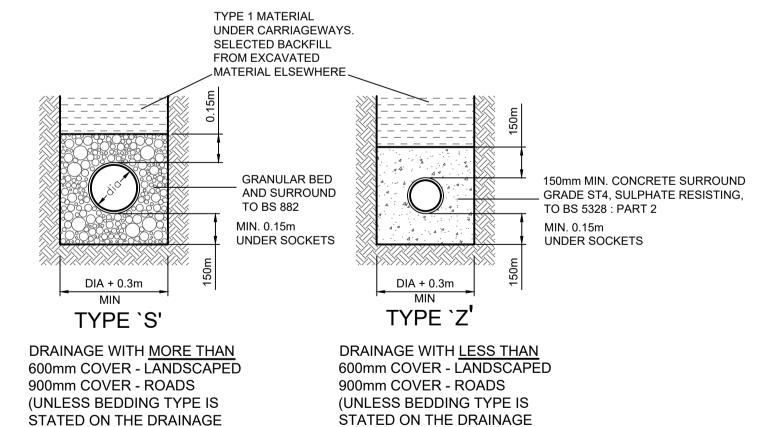




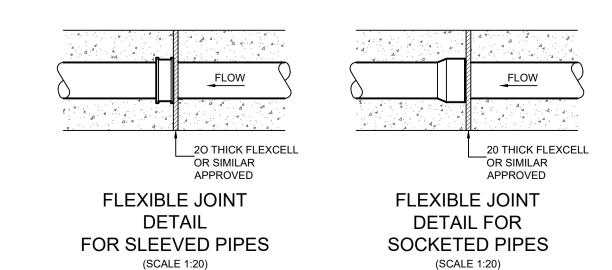
PIPES LARGER THAN 450mm DIAMETER TO GIVE 225mm

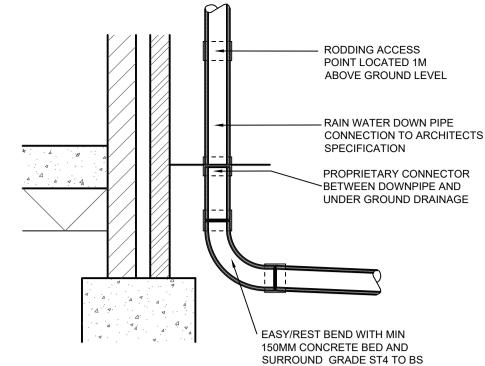
BENCHING IN ACCORDANCE WITH B5.2.29

AUTHORITY CLERK OF WORKS

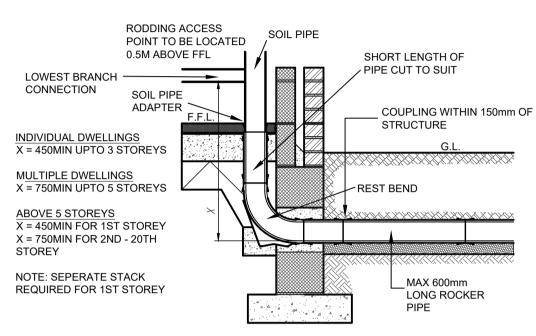


PLANS OR SPECIFICATION) PLANS OR SPECIFICATION) PIPE BEDDING DETAILS IN PRIVATE AREAS



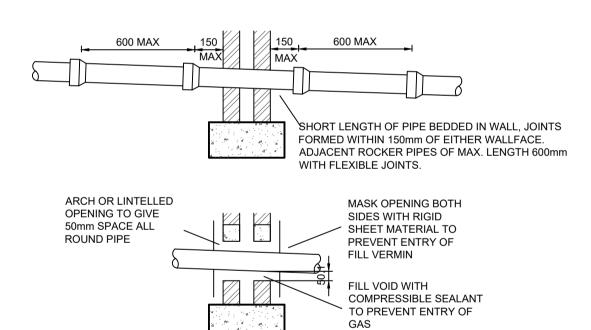


SEALED RAIN WATER DOWNPIPE

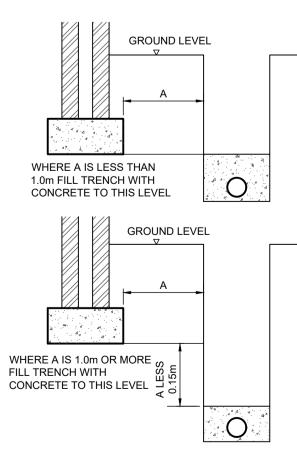


USING CHANNEL PIECES

SOIL & VENT PIPE/STUB STACK/DURGO CONNECTION DETAIL



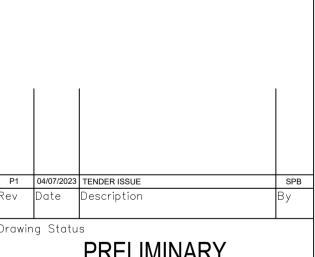
PIPES PENETRATING WALLS



DRAINAGE NEAR **BUILDINGS**

NOTES:

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- All drainage works to be carried out in accordance with the requirements of the Local Authority, the Environment Agency and in conjunction with all relevant British Standards, Codes of Practice and any addendums as
- Invert levels and positions of existing drains / chambers / sewers where new connections are to be made must be checked and confirmed to the Engineer prior to the commencement of any works.
- All drainage shall comply with the typical details and the requirements of BS EN 752 and Part H of the Building



PRELIMINARY

lichael Barclay Partnership 1 Lancaster Place London WC2E 7ED T 020 7240 1191 E london@mbp-uk.com W mbp-uk.com

SPECTRUM HOUSE CHAPMAN WAY, TUNBRIDGE WELLS, TN2 3EF

DRAINAGE DETAILS

JULY 2023 SPB RS Drawing Number I Revision

SHEET 1 OF 2

MBP / 8944 / 0502