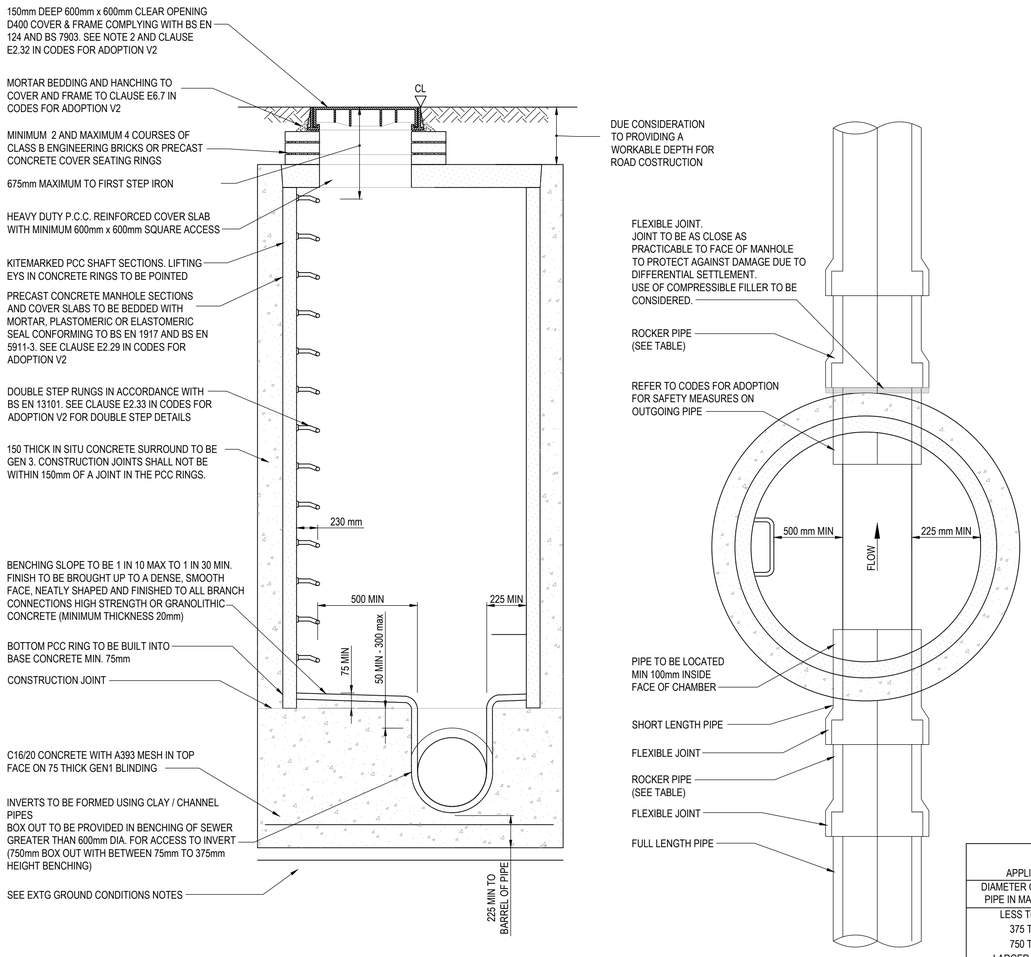
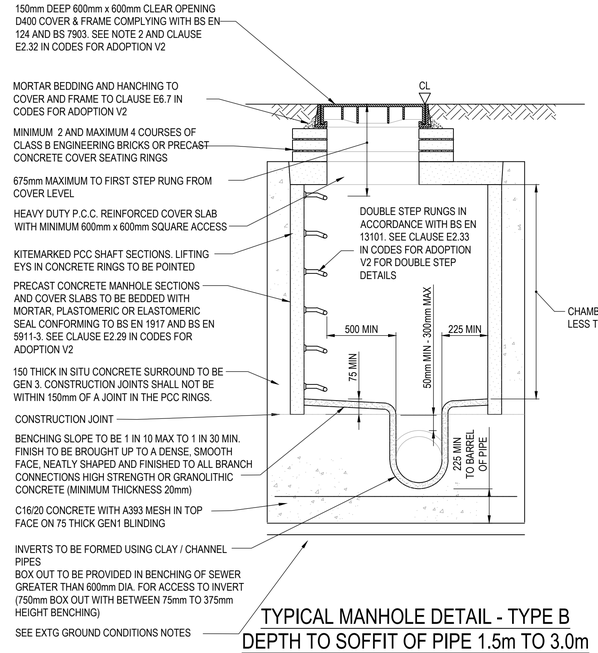
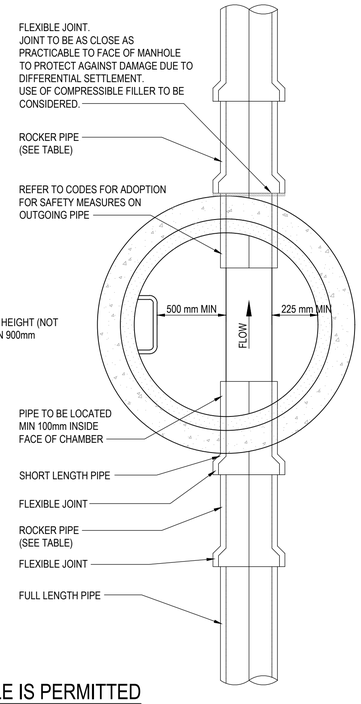


TYPICAL MANHOLE DETAIL - TYPE A2
DEPTH TO SOFFIT OF PIPE 3.0m TO 6.0m
ALTERNATIVE CONSTRUCTION DETAIL FOR TYPE A2 MANHOLE IS PERMITTED
REFER TO FIGURE B.8 IN CODES FOR ADOPTION V2 FOR DETAILS OF PRE-FAB, MONOLYTHIC BASE
ALTERNATIVE DETAIL ONLY PERMITTED FOR CHAMBERS UP TO 1800mm DIAMETER





TYPICAL MANHOLE DETAIL - TYPE B
DEPTH TO SOFFIT OF PIPE 1.5m TO 3.0m
ALTERNATIVE CONSTRUCTION DETAIL FOR TYPE B MANHOLE IS PERMITTED
REFER TO FIGURE B.12 IN CODES FOR ADOPTION V2 FOR DETAILS OF PRE-FAB, MONOLYTHIC BASE
ALTERNATIVE DETAIL ONLY PERMITTED FOR CHAMBERS UP TO 1800mm

MANHOLE SIZES

APPLICABLE TO MANHOLE TYPES A2 AND B

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	CHAMBER SECTION INTERNAL DIAMETER (mm)
LESS THAN 375	1200
375 TO 700	1500
750 TO 900	1800
LARGER THAN 900	SEE SCHEDULE

CHAMBER SIZES ARE MINIMUM REQUIRED. SEE LAYOUT FOR VARIATIONS, IF ANY.

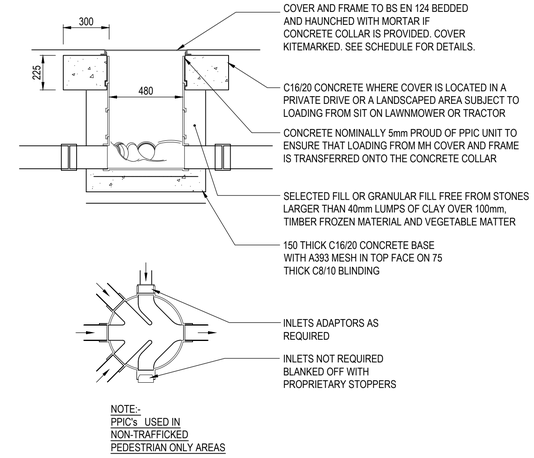
SHORT AND ROCKER PIPE LENGTHS

APPLICABLE TO ALL MANHOLE TYPES

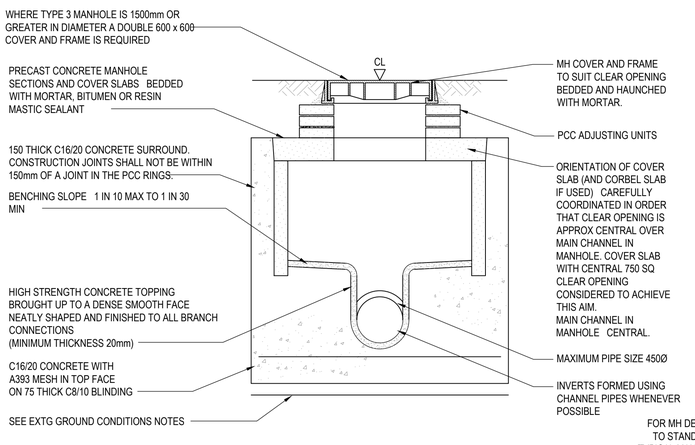
NOMINAL SIZE (mm)	EFFECTIVE LENGTH (mm)
150 TO 600	600
601 TO 750	1000
OVER 750	1250

REFER TO TABLE E13 ON PAGE 129 OF CODES FOR ADOPTION V2 FOR DETAILS OF PIPE JUNCTIONS WITHIN MANHOLES

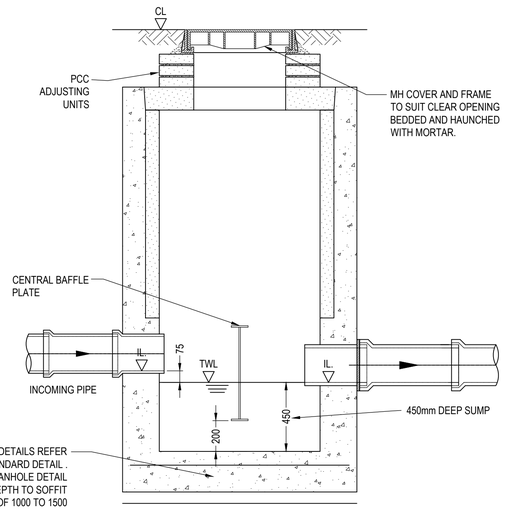
RIGID PIPES BUILT INTO MANHOLE SHOULD HAVE A FLEXIBLE JOINT JOINT AS CLOSE AS IS FEASIBLE TO THE EXTERNAL FACE OF THE STRUCTURE AND THE LENGTH OF THE NEXT ROCKER PIPE SHOULD AS PER THE TABLE ABOVE



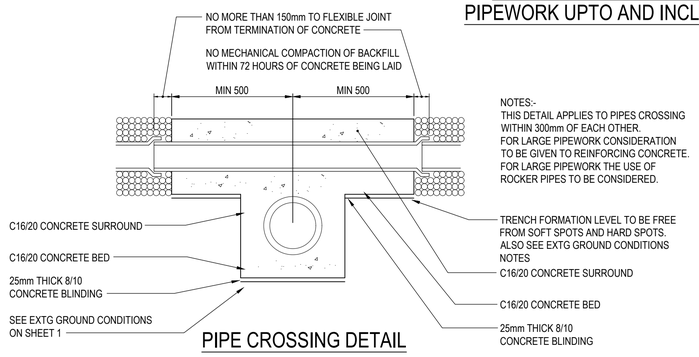
NOTE:-
PPIC's USED IN NON-TRAFFICKED PEDESTRIAN ONLY AREAS



TYPICAL MANHOLE DETAIL - TYPE C
DEPTH TO SOFFIT OF 1.0m TO 1.5m
ONLY PERMITTED FOR PIPES UP TO 450mm DIAMETER



SW CATCHPIT - TYPICAL SECTION



NOTES:-
THIS DETAIL APPLIES TO PIPES CROSSING WITHIN 300mm OF EACH OTHER.
FOR LARGE PIPEWORK CONSIDERATION TO BE GIVEN TO REINFORCING CONCRETE.
FOR LARGE PIPEWORK THE USE OF ROCKER PIPES TO BE CONSIDERED.

TYPICAL INSPECTION CHAMBER - TYPE 4 - POLYPROPYLENE
DEPTH TO INVERT LESS THAN 1.2m
PIPEWORK UPTO AND INCLUDING 150 DIA

PIPE CROSSING DETAIL

GENERAL NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT TTE DRAWINGS, SPECIFICATIONS, STANDARD DETAILS AND C.D.M. RISK MANAGEMENT FORMS, AS WELL AS THIRD PARTY DRAWINGS, SPECIFICATIONS AND SUPPORTING DOCUMENTS.
2. ALL GIVEN DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE SPECIFIED.
3. THE FULL NOTES FOR THIS DRAWING CAN BE FOUND ON DRAWING: B041631-TTE-00-ZZ-DR-C-502

0 200 400 600 800 1000mm
SCALE 1:20

CONSTRUCTION ISSUE

Rev	Description	Date	Drn / Chk / App
C01	CONSTRUCTION ISSUE	01.10.2024	LW / DH / NM
T02	TENDER ISSUE	21.11.2023	TR / DH / NM
T01	CAT A - TENDER ISSUE	14.07.2023	DO / DH / NM

Document Control

Issuing Office
Tetra Tech Leeds
3 Sovereign Square, Sovereign Street, Leeds, West Yorkshire, LS1 4ER
Tel: +44 (0)113 278 7111
www.tetratecheurope.com

Client
COLUMBIA THREADNEEDLE INVESTMENTS

Project Name
BOX 4

Sheet Title
DRAINAGE STANDARD DETAILS
SHEET 2

TTE Project Number	Drawn By	Date	Checked By	Date	Approved By	Date	Scale @ A1	Suitability
B041631	DO	MAY 23	DH	MAY 23	NM	MAY 23	1:20	S5

Client Project Number	Originator	Volume/System	Level/Location	Type/Code	Role	Number	Revision
B041631	TTE	XX	XX	DR	C	503	C01

© Copyright Tetra Tech
TTE_MT_v1