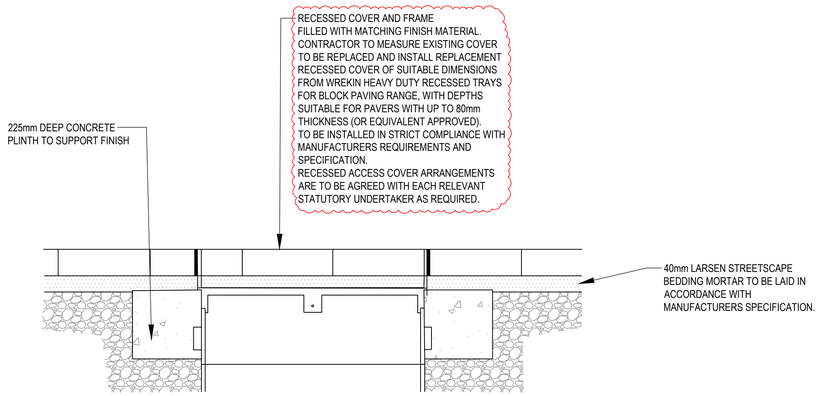
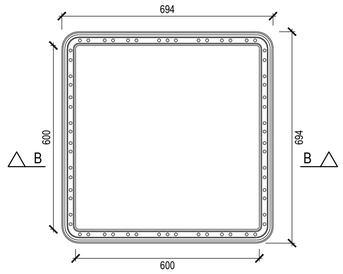


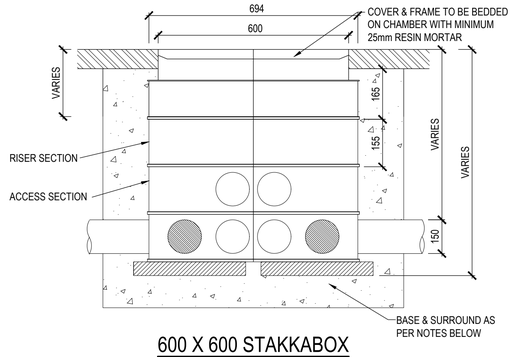
PAVER AREAS WITH RECESSED COVER

NTS



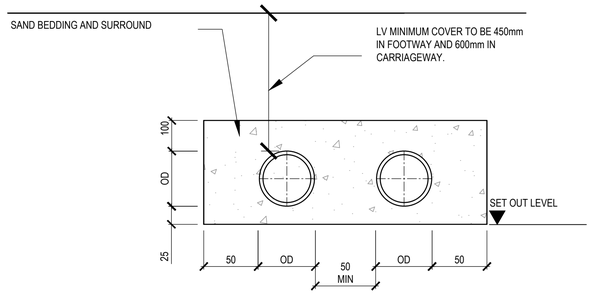
600x600 LOW VOLTAGE DRAW PIT AS STAKKABOX MODULA (OR APPROVED EQUIVALENT)

SCALE 1:100



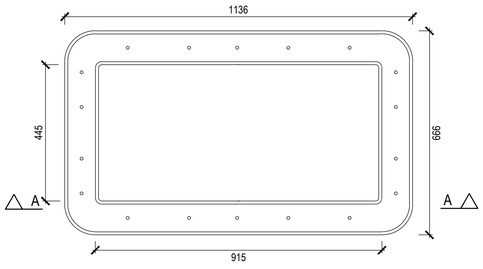
600 X 600 STAKKABOX SECTION B - B

NTS



TYPICAL LAYOUT FOR LANDLORD 2-WAY (2x1) LV DUCTS

NTS



915x445 DRAWPIT AS STAKKABOX QUAD (JMF 104 OR EQUIVALENT)

SCALE 1:100

ALL DIMENSIONS AND SPECIFICATIONS AS PER MANUFACTURERS TECHNICAL DATA. MANUFACTURERS RECOMMENDATIONS AS FOLLOWS IN NOTES BELOW

STAKKABOX NOTES:

1. STANDARD DRAW PIT SIZES INCLUDE LIDS AT 600x600 AND 900x900.
2. WHERE 177mm O/D DUCTS ARE REQUIRED, HOLE DIAMETERS MUST BE SPECIFIED WHEN PLACING ORDER WITH STAKKABOX CUT OUT AT THE FACTORY.
3. THE STAKKABOX ACCESS CHAMBER IS DESIGNED FOR USE IN BOTH FOOTWAY AND CARRIAGEWAY INSTALLATIONS WHERE IT PROVIDES ACCESS TO UNDERGROUND DUCTING.
4. MODULAR CONSTRUCTION CONSISTING OF STRAIGHT SIDEWALL SECTIONS AND COMPLETE ONE PART CORNER SECTIONS. CORNER SECTIONS AND STRAIGHT SIDEWALL SECTIONS MUST BE CONNECTED WITH A JOINTING PIN ON A STRAIGHT SECTION TO AVOID DISTORTION. COMPLETE SECTIONS ARE AVAILABLE (I.E. NO VERTICAL JOINTS).
5. TWIN WALL CONSTRUCTION MIN. 47mm, INJECTION MOULDED, PRE-FORMED SEGMENTS TO PRODUCE A COMPLETE RING WITH STIFFENERS AT MIN 6mm CENTRES. EACH RING SECTION IS CASTELLATED TO POSITIVELY INTERLOCK WITH THE UNIT ABOVE AND BELOW TO FORM A CHAMBER.
6. MADE FROM COMER POLYPROPYLENE PPCPO C2467, 20% TALC FILLED. THIS MATERIAL IS OBTAINED FROM 100% RECYCLED MATERIAL (INJECTION GRADE TALC FILLED POLYPROPYLENE) AND IS 100% RECYCLABLE.
7. STANDARD COLOUR BLACK.
8. TEMPERATURE RANGE, -40OC TO +100OC VERTICAL LOADING CAPABILITY OF STAKKABOX ™ MODULA IS MIN 40 TONNES. NO SURROUNDING SUP IN FOOTWAY INSTALLATIONS I.E. CONCRETE.
9. REFERENCE STANDARDS:
   EN124 B125 & D400 VERTICAL LOADING REQUIREMENTS.
   BS5834 PART 4. 1993 SIDE WALL LOADING FOR SMALL CHAMBERS.
   BS1247 PART 2. COLD IMPACT TEST.
   EN228 RESISTANCE TO PETROL & CHEMICALS.
   EN295-3 STRESS RELIEF.
   BS2782 PART 4. METHODS 430A TO 430D WATER ABSORPTION.

STAKKABOX MODULA INSTALLATION

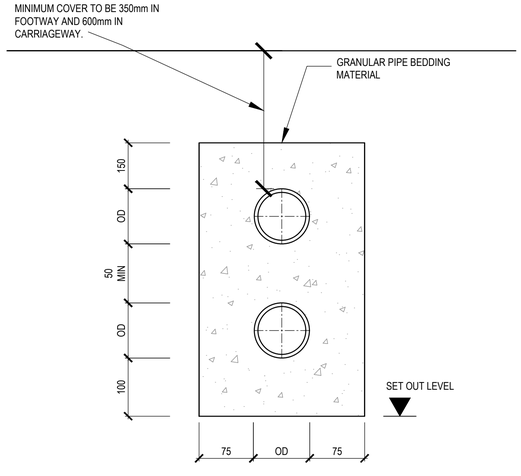
FRAME AND COVER
F/WAY - MINIMUM 20mm MORTAR BETWEEN UNDERSIDE OF FRAME AND TOP OF CHAMBER IN ADDITION, FOR GRASS OR LOOSE SURFACES PLACE A 100mm FILLET AROUND THE FRAME TO SECURE.
C/WAY - MINIMUM 25mm RESIN BEDDING MORTAR BETWEEN UNDERSIDE OF FRAME AND TOP OF CHAMBER.

WALL FITTINGS
FOR BRACKETS AND/OR STEPS DRILL HOLES BEFORE THE CHAMBER IS LOWERED INTO THE HOLE. DRILL BOLT HOLES USING AN 11mm DRILL BIT AND FIT BRACKETS WITH M16 BOLTS SUPPLIED. FOR RETRO FITTING USE M10 GALVANISED COACH BOLTS.

SURROUND
F/WAY - MINIMUM 100mm COMPACTED MOT1.
C/WAY - MINIMUM 150mm C40 CONCRETE.

DUCT ENTRY
USE A HOLE SAW OF THE APPROPRIATE SIZE TO SUIT THE DUCT O/D IDEALLY 2mm LARGER THAT THE DUCT O/D, RUN THE DUCT DIRECTLY INTO THE HOLE AND USE MORTAR TO POINT UP ANY GAP BETWEEN THE DUCT AND CHAMBER. IF USING STAKKABOX PRE-FORMED BELL MOUTHS, USE A HOLE SAW OF 117MM DIAMETER PRE-DRILLED ACCESS SECTION ALSO AVAILABLE.

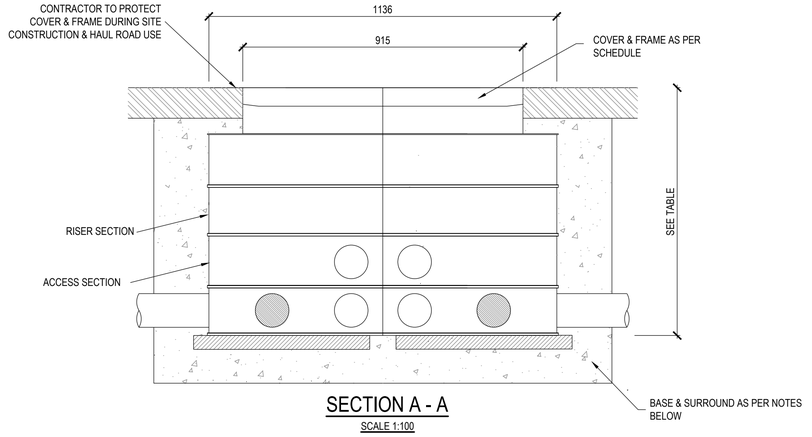
BASE
F/WAY - MINIMUM 100mm LEAN MIX CONCRETE OR COMPACTED MOT1 STONE.
C/WAY - MINIMUM 150mm LEAN MIX CONCRETE



TYPICAL LAYOUT FOR 2-WAY COMMS DUCTS

NTS

WHERE DEPTH IS LIMITED, DUCTS MAY BE ALL LAID SIDE BY SIDE WITH 50 CLEARANCE BETWEEN DUCTS



SECTION A - A

SCALE 1:100

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DO NOT SCALE THIS DRAWING.

HEALTH AND SAFETY INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

CONSTRUCTION.

MAINTENANCE/CLEANING/OPERATION.

DECOMMISSIONING/DEMOLITION.

Notes

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRAWINGS 042912-BHE-XX-XX-DR-C-2500 SERIES DRAWINGS FOR DRAINAGE LAYOUT PLAN.
3. SIGN POST AND FOUNDATION DETAILS AS PER STANDARD DETAILS TR2

Rev	Description	Date	Drn	Ch'd
C02	RECESSED COVER UPDATE	19.09.2025	HE	PA
C01	ISSUED FOR CONSTRUCTION	25.07.2025	HE	PA

FOR CONSTRUCTION

Status of drawing

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Architect SEW

Project MAYFIELD DEVELOPMENT PARTNERSHIP

Drg Title HIGHWAY WORKS
PROPOSED DRAINAGE DETAILS
SHEET 2

Scales@A1	AS SHOWN	Job No.	0042912
Drawn by	HE	Date	SEPTEMBER 2023
Checked by	PA	Rev	C02

Drawing No. 0042912-BHE-XX-XX-DR-C-2851

Helen Erskine C:\Users\helerskine\DCWCDocs\Documents\Buro Happold (non-USA)\0042912 Mayfield Park Manchester\Project Files\Engineering\05_Civils\1_Sheets\0042912-BHE-XX-XX-DR-C-2855\2855.dwg