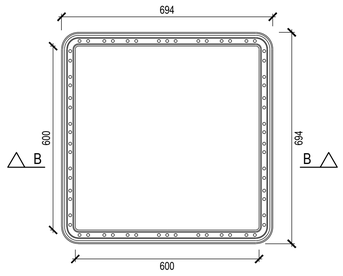
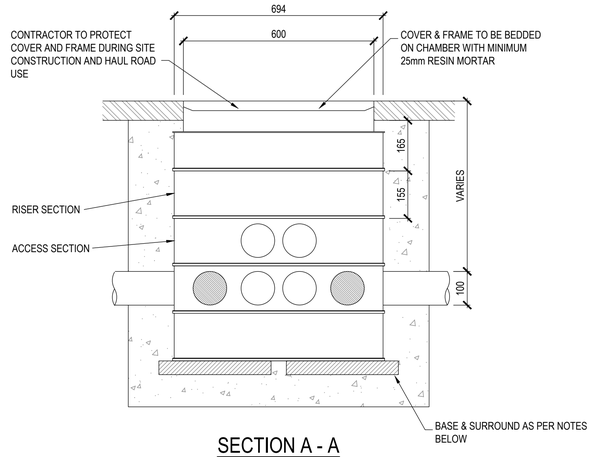
CHAMBER SCHEDULE

NAME	INTERNAL DIMENSIONS	COVER TYPE	COVER LEVEL [m]	DEPTH [m]	INCOMING PIPE IL [m]	OUTGOING PIPE IL [m]	CHAMBER CENTRE EASTINGS	CHAMBER CENTRE NORTHINGS
LV-A-1.0	600 X 600	B125	39.660	1.100	38.710	38.710 38.710 38.710	384276.843	399001.323
LV-A-1.1	600 X 600	B125	39.660	1.100	38.710	38.710 38.710 38.710	384277.918	399006.075
LV-A-1.2	600 X 600	B125	40.013	0.900	39.263	39.263 38.263	384282.977	399018.004
LV-A-1.3	600 X 600	D400	40.240	0.900	39.490	39.490 39.490	384298.623	399027.071
LV-A-1.4	600 X 600	B125	40.680	0.950	39.880	39.880 39.880	384308.640	399023.511
LV-A-1.5	600 X 600	B125	41.580	1.150	40.580	40.580 40.580 40.580	384311.879	399022.179
LV-A-1.6	600 X 600	D400	41.410	0.950	40.610	40.610	384308.645	399018.579
LV-A-1.7	600 X 600	D400	41.230	0.900	40.480	40.480 40.480	384304.820	399010.414
LV-A-1.8	600 X 600	B125	42.330	0.900	41.580	41.580 41.580	384339.792	399011.999
LV-A-1.9	600 X 600	B125	42.900	0.900	42.150	42.150 42.150	384348.897	399013.149
LV-A-1.10	600 X 600	D400	42.820	0.900	42.070	42.070 42.070 42.070	384339.792	399010.143
LV-A-1.11	600 X 600	B125	41.160	0.950	40.660	40.660	384308.305	398995.632
LV-A-1.12	600 X 600	D400	40.380	0.900	39.630	39.630	384294.311	399000.140
LV-A-1.13	600 X 600	D400	40.950	0.900	40.200	40.200 40.200	384292.534	398977.774
LV-A-1.14	600 X 600	D400	39.900	0.950	39.100	39.100 39.100	384270.111	398983.012
LV-A-1.15	600 X 600	D400	39.830	0.950	39.030	39.030 39.030	384273.826	398988.882
LV-A-1.16	600 X 600	D400	39.660	1.100	38.710	38.710 38.710 38.710	384276.603	399000.464
LV-A-1.17	600 X 600	D400	41.200	0.900	40.450		384303.511	384303.511



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



SECTION A - A

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

STAKKABOX MODULA INSTALLATION

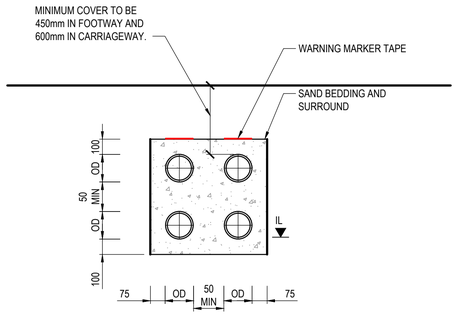
FRAME AND COVER
F/WAY - MINIMUM 20mm MORTAR BETWEEN UNDERSIDE OF FRAME AND TOP OF CHAMBER IN ADDITION, FOR GRASS OR LOOSE SURFACES PLACE A 100mm FILLET AROUND THE FRAME TO SECURE.
CARRIAGEWAY - MINIMUM 25mm RESIN BEDDING MORTAR BETWEEN UNDERSIDE OF FRAME AND TOP OF CHAMBER

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.
A STEP IS REQUIRED FOR CHAMBERS DEEPER THAN 600mm AND WILL REQUIRE AN EXTRA STEP AFTER EVERY ADDITIONAL 300mm

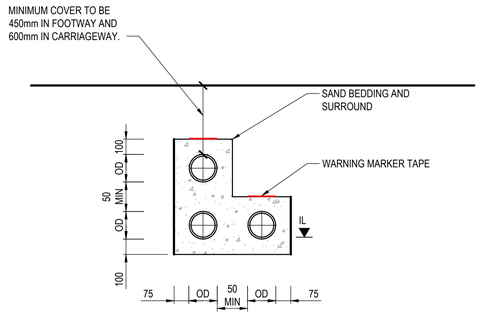
SURROUND
F/WAY - MINIMUM 100mm COMPACTED MOT 1
CARRIAGEWAY - MINIMUM 150mm C40 CONCRETE

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.
BOTTOM OF DUCT MUST HAVE MINIMUM 100mm COVER FROM INTERNAL BASE OF CHAMBER.

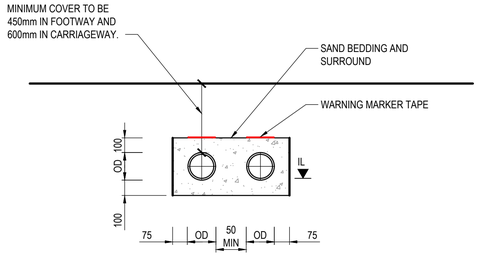
BASE
F/WAY - MINIMUM 100mm COMPACTED MOT 1.
CARRIAGEWAY - MINIMUM 150mm LEAN MIX CONCRETE



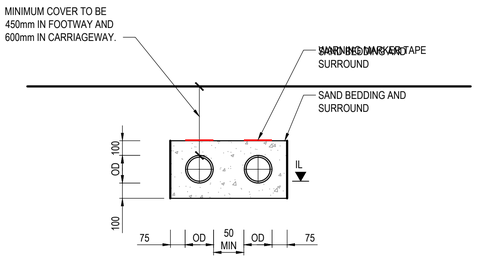
TYPICAL LAYOUT FOR 4-WAY LV & SEC DUCTS



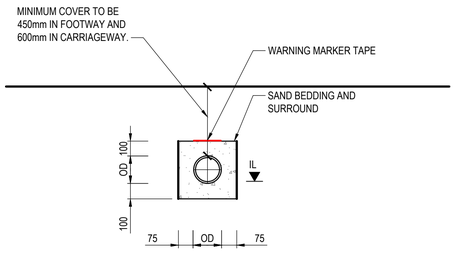
TYPICAL LAYOUT FOR 3-WAY LV & SEC DUCTS



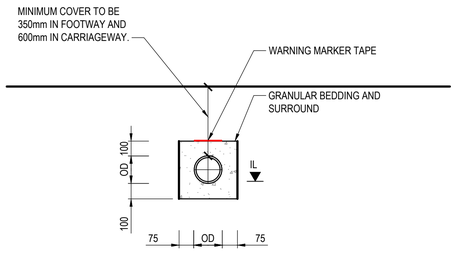
TYPICAL LAYOUT FOR 2-WAY LV & SEC DUCTS



TYPICAL LAYOUT FOR 2-WAY LV DUCTS



TYPICAL LAYOUT FOR 1-WAY LV DUCTS



TYPICAL LAYOUT FOR 1-WAY SEC DUCTS

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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.
- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO LIVE SERVICES
- WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET

MAINTENANCE/CLEANING/OPERATION.
- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO LIVE SERVICES
- WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET

DECOMMISSIONING/DEMOLITION.
- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO LIVE SERVICES
- WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, DETAILS AND SPECIFICATIONS.
3. THIS DESIGN HAS BEEN BASE ON THE FOLLOWING DRAWINGS AND INFORMATION:
   - ARCHITECT'S PLAN 2962-PLA-XX-XX-DR-L-3000 RECEIVED FROM PLANIT ON 13/07/2023
   - TOPOGRAPHICAL SURVEY RECEIVED 13/07/2022
4. PRIOR TO THE COMMENCEMENT OF WORK THE LOCATION, SIZE AND DEPTH OF ALL EXISTING DRAINAGE AND SERVICES SHALL BE ESTABLISHED BY THE CONTRACTOR. ANY DISCREPANCIED FROM THE INFORMATION SHOWN ON THESE DRAWINGS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
5. THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT AND DIVERSION WORKS AS NECESSARY, TO ALL EXISTING SERVICES TO THE SATISFACTION OF PUBLIC UTIITIES.
6. REFER TO DRAWING 0052681-BHE-XX-XX-DR-C-6100 FOR PROPOSED COMMS AND LV LAYOUT.
7. LEVELS SHOWN ARE APPROXIMATE AND SUBJECT TO SITE ADJUSTMENT TO SUIT FINAL EXTERNAL WORK AND LANDSCAPE ARCHITECT LEVELS.
8. WHERE INFILL COVERS ARE SPECIFIED THE LOCATION OF MANHOLES AND ORIENTATION OF THE COVERS SHALL BE COORDINATED ON SITE TO SUIT THE SURFACING MATERIAL AND PAVING ARRANGEMENT WHEREVER POSSIBLE.
9. ALL PROPRIETARY PRODUCTS ARE TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS AND SPECIFICATION.
10. ALL CHAMBER TO HAVE AT LEAST A 0.15m SUMP. THE DEPTH OF CHAMBER PROVIDED IN THE SCHEDULES INCLUDES THIS SUMP.

Rev	Description	Date	Iss'd	Rev'd	App'd
P01	ISSUED FOR STAGE 3+	25.08.2023	DC	PT	PT

STAGE 3

Project Stage

INFORMATION

Status of Drawing

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Client *MEPC*
Architect *PLANIT-IE*
Project **ANGEL SQUARE PUBLIC REALM**
Drg Title PROPOSED LV AND COMMS DETAILS

Job No. 0052681
Scale@A1 NTS
Drawn/Designed By. DC
Checked By. PT
Approved By. PT
Drawing No. 0052681-BHE-XX-XX-DR-C-6700
Revision P01

Saved:Carroll P:\0052681\ NOMA Angel Square Public Realm\08 Cities - Infra\01 - Share\0052681-BHE-XX-XX-DR-C-6700_Comms & LV Details.dwg