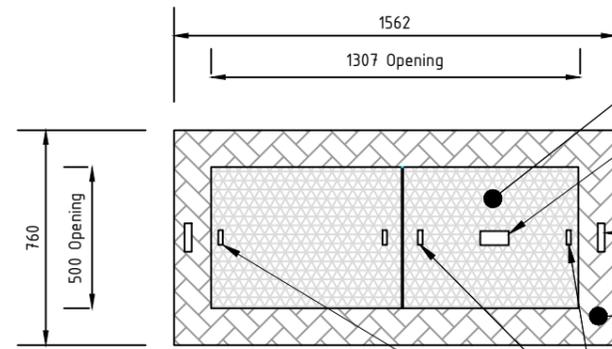


**TYPICAL COMMS PIT
ELEVATION - SIDE VIEW**

SCALE 1:25



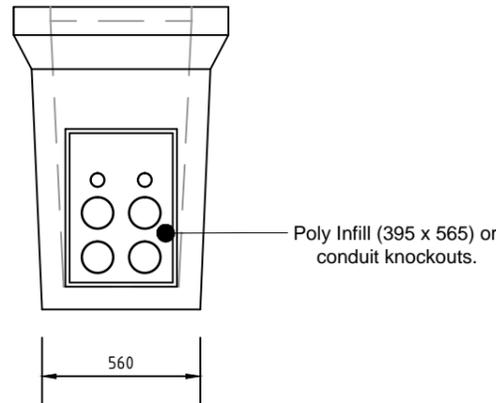
**TYPICAL COMMS PIT
PLAN - TOP VIEW**

SCALE 1:25

- GALVANISED TREAD PLATE LIDS - QTY 2
- LOCKABLE SECURITY COVER SCEC (Security Construction Equipment Committee) ENDORSED
- FLAT AREA FOR SIGNAGE
- TREAD PLATE PATTERN ON CAST CONCRETE SURROUND
- 2 x PIT LID KEY HOLES PER LID SECTION
- ALL OPENINGS TO HAVE MECHANICAL BARRIER TO PREVENT INGRESS OF FOREIGN MATERIAL

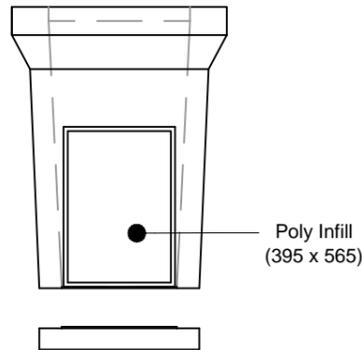
COMMUNICATION PIT NOTES

1. ORANGE HEAVY DUTY CONDUIT USED FOR COMMUNICATION CABLE TO BE FREE OF OBSTRUCTIONS AND CONTAIN A DRAW WIRE WITH A MINIMUM OF 5kN TENSILE STRENGTH.
2. NO COMMUNICATIONS PIT LIDS ARE TO BE BURIED, PIT LIDS TO BE FLUSH WITH FINISHED SURROUNDING SURFACE LEVEL
3. PITS ARE TO BE INSTALLED AT A MAXIMUM OF 300m INTERVALS WITH NO MORE THAN 180° TOTAL BEND RADIUS BETWEEN PITS.
4. COMMUNICATIONS CONDUIT BENDS SHOULD BE LONG RADIUS i.e. 1200mm MIN BENDING RADIUS. WHERE THIS IS NOT FEASIBLE THE DESIGNER SHOULD BE CONSULTED.
5. COMMUNICATION & DTS PITS TO BE 1507x1050x700 (J8 PRECAST CONCRETE) AND FITTED WITH MILITARY STYLE LOCKABLE LID AND MINIMUM CLASS C LID FOR FOOTPATHS & NON-TRAFFICABLE LAND, OR CLASS D FOR TRAFFICABLE ROADWAYS.
6. COMMUNICATION PITS TO BE INSTALLED IN ACCORDANCE WITH NS204 COMMUNICATIONS PITS SPECIFICATIONS AND INSTALLATIONS GUIDELINES.
7. THE POSITION IN THE FOOTPATH OF COMMUNICATION PITS TO BE DETERMINED AT EACH LOCATION TO AVOID EXISTING SERVICES IN THE FOOTPATH.
8. COMMUNICATIONS PITS SHALL BE FREE OF SAND, DIRT AND DEBRIS.
9. EXCAVATION FOR THE PIT SHOULD BE APPROXIMATELY 150MM GREATER AROUND THE ENTIRE PIT THAN THE PIT TO BE INSTALLED.
10. GRAVEL, FINE CRUSHED ROCK OR RECYCLED CONCRETE ARE TO BE UTILISED AS A BEDDING MATERIAL. BEDDING MATERIAL IS TO BE INSTALLED WITH A MINIMUM DEPTH OF 100MM IN SUBSTANCES OTHER THAN ROCK, 50MM IN ROCK
11. BELL MOUTHS MUST BE FITTED TO ALL CONDUITS ENTERING PIT AND BE FLUSH WITH INTERNAL PIT WALL.
12. ALL PITS OUTSIDE OF SUBSTATION FENCELINE TO BE FITTED WITH SUBSTATION TYPE PADLOCK.
13. A DIMENSIONS IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE.



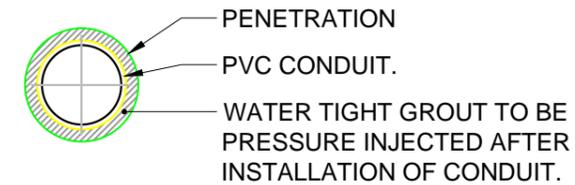
**TYPICAL COMMS PIT -
FULL BODY
ELEVATION - END VIEW**

SCALE 1:25



**TYPICAL COMMS PIT -
REMOVABLE FLOOR
ELEVATION - END VIEW**

SCALE 1:25



**TYPICAL CONDUIT/PIT
PENETRATION DETAIL**

SCALE 1:5

20111014

CAD DRAWING DO NOT MANUALLY AMEND	
AMENDMENTS	
1	Amendment to title block. 14/11/13
2	Amendment to top view comments. 27/01/15

NETWORK STANDARD



COMMUNICATIONS ENGINEERING
145 NEWCASTLE RD
WALLSEND 2287

SCALE	AS SHOWN
DESIGNED	A.FREESTONE
DRAWN	A.FREESTONE
CHECKED	D.TITMARSH
APPROVED	A.LLOYD
DATE	01/02/2013
PROJECT NUMBER	STD
PROJTRAK NUMBER	

AUSGRID FIBRE NETWORK FIBRE & DUCT ARRANGEMENT TYPICAL SIZE 8 COMMUNICATIONS JOINTING PIT			
SIZE	DRAWING No	SHEET	AMD
A3	212393	2	2