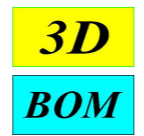


- NOTES:**
1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.
 2. H PLINTHS ARE SUITABLE FOR 500KVA-1500KVA PADMOUNT SUBSTATIONS.
 3. FOR H PLINTH DETAILS, REFER TO DRAWING D303-0023.
 4. CONCRETE H PLINTHS TO BE FORMED AND POURED ON A 200mm THICK BASE OF FINE CRUSHED ROCK TO BE COMPACTED 100mm AT A TIME, TO 95% COMPACTION WITH MINIMUM ALLOWABLE BEARING PRESSURE OF 100KPA.
 5. TOP SURFACE OF H PLINTHS MUST BE FLAT AND LEVEL \pm 5MM.
 6. THE NUMBER AND ARRANGEMENT OF CONDUITS ENTERING THE EXCAVATION SHALL BE CONFIRMED DURING THE DESIGN STAGE.
 7. THE EARTHING DESIGN FOR A PADMOUNT SUBSTATION SHALL BE DETERMINED IN CONSULTATION WITH DISTRIBUTION EARTHING DESIGN MANUAL PO07127.
 8. FOR EARTHING ARRANGEMENT DETAILS REFER TO DRAWINGS D303-0009, D303-0011, D303-0012.
 9. CONDUIT SEALS MUST BE USED DURING CONSTRUCTION AND LEFT TO SEAL ANY SPARE CONDUITS.
 10. CONDUIT ENDS TO HAVE BELLMOUTHS INSTALLED TO PREVENT CABLE DAMAGE.
 11. CONDUIT MUST BE ENCASED IN BEDDING SAND COMPLIANT WITH TECHNICAL SPECIFICATIONS - QUARRY PRODUCTS AND RAW MATERIAL PO07330 AND COVERED WITH POLYMERIC WARNING TAPE.
 12. ALL EXCAVATIONS MUST HAVE BACKFILL COMPACTED.

ITEM	UA TYPE	DESCRIPTION	STOCK CODE	QTY	DRAWING NO
1	P	CONDUIT, 125mm, UPVC, ORANGE, RIGID, CLASS 12 TO AS1477 OR HEAVY DUTY TO AS2053.2, 4m LENGTH	1170876	AR	D105-0032
2	P	FINE CRUSHED ROCK (ROAD BASE) AS PER SM1182 ACTEWAGL TECHNICAL SPECIFICATION, DELIVERED	-	AR	D109-0002
3	P	CONDUIT SEAL / BLANK PLUG, 125mm, FITS 125mm PLAIN AND BELL END AND BELLMOUTH ADAPTOR	1200502	AR	D105-0057
4	P	CONDUIT BELLMOUTH, PVC, FOR 125mm UNDERGROUND CONDUIT	1202955	AR	D105-0059
5	X	BEDDING SAND V2	-	AR	-
6	P	CABLE PROTECTION COVER, UNDERGROUND, POLYMERIC, DOUBLE SIDED. 200mm WIDE, MANUFACTURED IN ACCORDANCE WITH ASN24702-2000	1153882	AR	D103-0140
7	S	SA, FOUNDATIONS, 500kVA - 1500kVA SUBSTATION FOUNDATION UNIVERSAL H PLINTH	-	1	D303-0023
8	I	INTERFACE, PADMOUNT SUBSTATION TO SUIT	SELECT	1	D199-0005

No.	DESCRIPTION	CD	AUTH	DATE
E	UPDATED AS PER UOM PROJECT	JJP	WNI	25/06/2014
F	IMAGE UPDATED	JJP	WNI	6/02/2018
G	REFERENCED ASSEMBLY AND BELL MOUTH STOCKCODE UPDATED	NAA	WJC	5/08/2020
H	NOTES 2,4,7 & 11 AMENDED - KV	NAA	NAA	14/09/2022



Drawn:	M. Barrett
Designed:	J. Primmer
Checked:	M. Butson 25/06/2014
Branch Engineer:	W. Cleland 25/06/2014
Branch Manager:	
Old Drawing No. and Revision:	Rev

STANDARD CONSTRUCTION, DISTRIBUTION
 UNDERGROUND, STATIONS,
 SA, FOUNDATIONS,
 500-1500KVA PADMOUNT STATION FOUNDATION

Scale:	1:25	Date:	2/06/2014	Sheet No.:	1/1
Project No.:	-	Stock Code:	-		
Status:	Current				
Alt	D303-0010			Rev	H