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GENERAL NOTES :

1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH CURRENT AUSTRALIAN AND NETWORK STANDARDS. 2. AUGER SIZE SHALL BE DETERMINED BY ADDING MINIMUM OF 200mm TO THE POLE BUTT DIAMETER.

- 3. ANY DEVIATION AWAY FROM THE DEFAULT AUGER SIZE IS ALLOWED, HOWEVER WILL NOT RESULT IN A REDUCTION OF REQUIR FROM A QUALIFIED CIVIL ENGINEER.
- 4. THE POLE IS TO BE INSTALLED WITH THE BACKFILL TYPE AND DEPTH NOMINATED IN THE CONSTRUCTION SCHEDULE.
- 5. A POLE EMBEDMENT CALCULATION REPORT CAN BE USED IN LIEU OF A CONSTRUCTION SCHEDULE.
- 6. SOIL CONDITIONS ARE TO BE CHECKED ON SITE AND CONFIRMED BY THE CONSTRUCTION CREWS.

 WHERE THE CONDITIONS FOUND ARE NOT GENERALLY THE CONDITIONS AS SPECIFIED IN THE DESIGN, THE DESIGNER SHALL E
CARE SHALL BE TAKEN TO ENSURE THE POLE IS NOT EXPOSED TO CHEMICALLY AGGRESSIVE WATER CONDITION. IF THIS OCCU ARRANGEMENT.

9. WHERE SOLID ROCK OR BETTER GROUND CONDITIONS THAN EXPECTED ARE ENCOUNTERED, THE DEPTH OF THE FOOTING MA 10. FOR AS BUILT CERTIFCATION, A POLE & PILLAR DATA CAPTURE SHEET IS TO BE COMPLETED.

11. ENSURE THAT A 15 kg BAG OF EARTHING COMPOUND HAS BEEN SPREAD EVENLY OVER THE BOTTOM OF THE HOLE BEFORE T

BACKFILL NOTES :

12. ONLY APPROVED BACKFILL IS TO BE USED.

13. BACK FILLING IS TO BE RAM COMPACTED EVERY 150 mm THICK TO GROUND LINE. THE AREA BETWEEN 350 mm BELOW GROUN SHOULD BE FILLED WITH CLEAN STONE-FREE SANDY LOAM TYPE SOIL TO FACILITATE FUTURE INSPECTIONS.

 SANDY LOAM IS TO BE TAMPED DOWN AND SLOPED AWAY FROM THE POLE SO THAT THE FINISHED LEVEL AT THE POLE IS MIN
COMPACTION LEVEL FOR THE LAYERED BACKFILL IS TO BE 98% OF STANDARD COMPACTION, WITH 1-2% OPTIMUM MOISTURE (ENGINEERING PURPOSES (SOIL COMPACTION AND DENSITY TESTS).

16. FOR REINSTATEMENT OF PAVED AREAS, ANY CONCRETE OR DECORATIVE PAVING MUST TERMINATE A MINIMUM OF 300 mm FR AND MAINTENANCE. REFER TO NS128 FOR FURTHER REQUIREMENTS.

ARR - 1 : SITE SPOIL BACKFILL NOTES :

1-1. SITE SPOIL SHOULD ONLY BE USED IF SUITABLE TO BACKFILL AND RAM COMPACT. IF IT IS DEEMED UNSUITABLE, SELECT AGG 1-2. HANDLE & DISPOSE OF ALL CONTAMINATED MATERIAL IN ACCORDANCE WITH RELEVANT WHS. ACTS & REGULATIONS AND EPA

ARR - 2 : SELECT AGGREGATE BACKFILL:

2-1. ROADBASE TO BE SUPPLIED IN ACCORDANCE WITH RMS SPECIFICATION 3051 - DGS-20 & ASSOCIATED RMS SPECIFICATIONS.

ARR - 3 : CEMENT STABILISED BACKFILL:

3-1. CEMENT STABILISED BACKFILL SHALL BE A BLEND OF 3% BY VOLUME TYPE GB GENERAL BLEND CEMENT (60% CEMENT, 40% F IMPORTED MATERIAL. THE AIM IS TO ACHIEVE MINIMUM UNCONFINED COMPRESSION STRENGTH OF 1MPA AT 3 DAYS.

ARR - 4 : CONCRETE BACKFILL NOTES:

4-1. THE CONCRETING MUST CEASE AT 350 mm BELOW GROUND LINE AND MUST NOT COVER EARTHING FERRULE, LOCATED BELO INSPECTION AND TESTING OF THE POLE EARTHING SYSTEM.

4-2. WHERE AGGRESSIVE SOIL IS LOCATED, CONCRETING TO GROUND LEVEL IS PREFERRED, HOWEVER SUITABLE TIMBER FORMV IS POURED, CONCRETE IS KEPT CLEAR OF THE EARTH FERRULE LOCATION TO A DEPTH OF 350 mm BELOW GROUND LEVEL. R

4-3. THE CONCRETE SHALL BE A MINIMUM OF 20MPA GENERAL PURPOSE CONCRETE WITH MAXIMUM 10 mm AGGREGATE AND A SL

4-4. THE CONCRETE SHALL BE MECHANICALLY VIBRATED IN MAXIMUM 400 mm LIFTS. VIBRATION SHOULD CONTINUE TO THE POINT

	ARRANGEMENT 4 - CONCRETE BACKFILL							1	EARTHING COMPC	วบ		
					Γ	DIMENSI	IONS IN MILLIMETRES UNLESS STAT	ED OTHERWISE		ITEM	D)E
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	ING AMEND JONES I 19						$\sim \Delta i i cari$	DRAWN	PETER SAUNDE	RS	CONCRETE F	ינ
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	DRAW MANUALL TRICIA PHILLIP 29/01/20 29/01/20	DOMINIC						DATE	17/09/93			
			POLE AND PILLAR DATA CAPTU			145 NF	EWCASTLE RD WALLSEND,	PROJECT NUMBER	STD			
	DATE: DA	APP'D by			CONCRETE POLE -AGGRESSIVE SOIL FOOTING ARR. 514133		NOTIDEN			SIZE DRAWING No		
			ASSOCIATED	DRAWING	S S			PROJTRAK NUMBER	-		A3	٩U
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ED EMBEDMENT DEPTH UNLESS IT IS ACCOMPANIED BY A DESIGN						
BE CONSULTED PRIOR TO POLE INSTALLATION. JRS, REFER MAINS DESIGN FOR USE OF AGGRESSIVE SOIL FOOTING						
Y BE REDUCED, SUBJECT TO A REDESIGN BY THE DESIGNER.						
HE POLE IS ERECTED.						
			В			
ID LEVEL TO THE ACTUAL GROUND L	EVEL					
20 mm ABOVE THE SURROUNDING G CONTENT. REFER TO AS 1289 METHO						
ROM THE FACE OF A CONCRETE POL	E, TO FACILITATE POLE INSP	ECTION				
BREGATE OR CEMENT STABILISED BACKFILL IS TO BE USED. A REQUIREMENTS.						
A WELL GRADED MAXIMUM SIZE 20 mm AGGREGATE IS TO BE USED.						
FLY ASH) TO AS3972 THOROUGHLY MIXED WITH THE SPOIL OR						
DW GROUND LEVEL TO ENSURE ACCESS FOR CONNECTION,						
WORK IS TO BE ATTACHED TO THE POLE SO THAT WHEN THE FOOTING REFER DRG: 514133 LUMP OF 80-120mm.						
T WHERE WATER IS JUST STARTING	TO RISE THROUGH THE SUR	FACE.				
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IND 15kg BAG	99861	1				
SCRIPTION	STOCK CODE	QTY				
DLE RANGEMENT						
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