



CONSTRUCTION PROCEDURE

7

- 3. PLINTH MOULD TO BE PAINTED WITH A FORMING OIL WHICH WILL ACT AS A RELEASING AGENT.
- 4. FIT RAGBOLT ASSEMBLY TO PLINTH MOULD. MAKE SURE THAT 100mm OF BOLT PROTRUDES FROM THE TOP OF THE MOULD.
- 5. PLACE PLINTH MOULD IN POSITION. LEVEL MOULD USING PACKING PIECES, NAIL THROUGH HOLES FIXING MOULD TO TIMBER FOOTINGS.
- 6. Ø50mm UPVC CONDUIT IS TO BE INSTALLED INTO SIDE OF HOLE AS SHOWN TO ALLOW POWER CABLE ENTRY FROM UNDERGROUND TRENCH. A MINIMUM OF TWO CABLE ENTRIES SHALL BE INSTALLED, SPACED 50mm APART.
- 7. AFTER REMOVAL THE PLINTH MOULD IS TO BE CLEANED AND REPAINTED WITH FORMING OIL BEFORE STORAGE.

GENERAL NOTES

FOUNDATIONS

- F2. FOOTING EXCAVATIONS SHALL BE CLEANED TO REMOVE ALL LOOSE OR SOFTENED MATERIAL PRIOR TO PLACING OF CONCRETE.
- F3. CONCRETE SHOULD BE PLACED AS SOON AS POSSIBLE AFTER EXCAVATION. IF EXCAVATIONS ARE LIKELY TO REMAIN OPEN FOR MORE THAN 24 HOURS A BLINDING LAYER OF CONCRETE SHALL BE PLACED TO PROTECT THE FOUNDATION BASE.

NS130

CIVIL SAFETY NOTES

- SD2 CERTIFICATION OF THE COMPLETED WORKS IS REQUIRED IN WRITING FROM THE PROJECT STRUCTURAL ENGINEER. SHALL BE OBTAINED TO ENSURE COMPLIANCE WITH WH&S SAFETY IN DESIGN LEGISLATION AND NS 261. CERTIFIC CANNOT BE PROVIDED UNLESS THERE IS COMPLIANCE WITH THE NOMINATED INSPECTIONS. AS A MINIMUM, INSPEC REQUIRED BEFORE WORK IS COVERED UP. I.E., BEFORE A CONCRETE POUR OR BEFORE CLADDING IS INSTALLED. INSPECTION WILL ALSO BE REQUIRED.
- SD3 IF THE BUILDER IS UNABLE TO CONFIRM THE GROUND CONDITIONS IDENTIFIED IN NOTE F1 THEY SHALL SEEK ADVI COMPETENT PERSON.
- SD4 IF THE PROPOSED STREETLIGHT IS TO BE LOCATED NEAR THE TOP OF A BANK OR WITHIN THE ZONE OF INFLUEN RETAINING STRUCTURE OR ANY OTHER POTENTIALLY UNSTABLE SITUATION, PROJECT STRUCTURAL ENGINEER SH CONSULTED TO PROVIDE A SITE SPECIFIC DESIGN.

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	LIGF	LIGHTING COLUMN CONCRETE PLINTH STEEL MOULD FOR USE WITH RAGBOLT ASSEMBLY RAGBOLT ASSEMBLY FOR STREET LIGHTING STANDARDS				CHECKED	D.R.G	
.GALLEN	RAG				24–28 Campbell Street SYDNEY NSW 2000	APPROVED	I NICHO	
	STR	EET LIGHTING STEEL STANDARDS BASE PLA	115041		DATE	20/12/		
	STR	STREET LIGHTING COLUMNS WIND LOADING ALLOWABLE CONDITIONS				TRIM REF	-	
		ASSOCIAT		ISSUED FOR CONSTRUCTION ISSUE		PROJECT NUMBER	-	
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CONSTRUCTION PROC	EDURE				ſ	CONCRETE NO	DTES:						
1. HOLE MAY HAVE TO BE HAND DUG IF UNSURE OF OTHER UNDERGROUND SERVICES.						CONCRETE NOTES. C1. ALL CONCRETE MUST BE IN ACCORDANCE WITH THE CURRENT AS CODE 3600. ALL CONCRETE							
2. PLACE 100x100mm TIMBERS C	ON 2 SIDES OF THE HOLE TO ACT AS TI S, THE TEMPORARY FOOTINGS MAY IN	EMPORARY FOOTINGS. SPIKE				TO BE MANUFACT	URED AND SUPPLIE TH AS 1379. NO SITE	D IN QUALITY CONTROLL MIXING PERMITTED. CO DED AS FOLLOWS :	LED CERTIFIED PLAI	NT, IN		A	
THE PLINTH MOULD BY A MAX	IMUM OF 100mm.				Г	ITEM	UNICO IO DE PROV	REQUIREMENT]			
	D WITH A FORMING OIL WHICH WILL A PLINTH MOULD. MAKE SURE THAT 100		OM THF			- SLUMP		- AS PER CODE					
TOP OF THE MOULD.						- 7 DAY STRENGTH - IF REQUIRED - 28 DAY CHARACTERISTIC STRENGTH - FIRST TRUCK, 3rd TRUCK AND EVERY 5th TRUCK FOLL OWING DUT NOT LEDGE THAT					-		
 PLACE PLINTH MOULD IN POSITION. LEVEL MOULD USING PACKING PIECES, NAIL THROUGH HOLES FIXING MOULD TO TIMBER FOOTINGS. 						TRUCK FOLLOWING BUT NOT LESS THAN CODI - CHLORINE & SULPHATE CONTENT - DRYING SHRINKAGE - AS PER CODE							
6. Ø50mm UPVC CONDUIT IS TO BE INSTALLED INTO SIDE OF HOLE AS SHOWN TO ALLOW POWER CABLE ENTRY FROM UNDERGROUND TRENCH. A MINIMUM OF TWO CABLE ENTRIES SHALL BE INSTALLED, SPACED 50mm APART.						- AIR CONTENT - NOT REQUIRED							
7. AFTER REMOVAL THE PLINTH	MOULD IS TO BE CLEANED AND REPA	INTED WITH FORMING OIL BEI	FORE STORAGE.		C	2. CONCRETE QUA WATER/CEMENT F		E GREATER THAN 0.45. N	IO WATER TO BE AD	DED ON SITE.		F	
GENERAL NOTES					Г	ELEMENT MAX	. AGG SLUMP	CHARACTERISTIC		HRINKAGE		B	
	S, TRANSFORMERS & OTHER EQUIPM XCAVATION IN THE VICINITY OF ADJAC				ļ		IZE	STRENGTH F'c (AS 3600) AT 28 DAY	r	JE			
G2. ALL PROPRIETARY ITEMS AF	RE TO BE INSTALLED IN ACCORDANCE	WITH MANUFACTURER'S INS	RUCTIONS.		-		mm 80 mm mm 80 mm	32 MPa 40 MPa	65				
G3. ALL WORKMANSHIP AND MA AND BUILDING CODE OF AUST	TERIALS ARE TO BE IN ACCORDANCE RALIA.	WITH THE CURRENT STANDA	RDS AUSTRALIA C	CODES	C	C3. FOR CLEAR CON	ICRETE COVER TO	REINFORCEMENT REFER	SECTION.				
G4. DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETRES.						C4. NO ADMIXTURES ARE TO BE ADDED TO CONCRETE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE AUSGRID STRUCTURAL ENGINEER.							
G5. ALL LEVELS ARE IN METRES ON AUSTRALIAN HEIGHT DATUM UNLESS NOTED OTHERWISE.						OF THE AUSGRID STRUCTURAL ENGINEER. C5. SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITIONS SHOWN & SHALL BE							
G6. ELECTRICAL SAFETY SHALL BE IN ACCORDANCE WITH AUSGRID'S ELECTRICAL SAFETY RULES, NS 156 AND AS REQUIRED BY AUSGRID SUPERINTENDENT.						C5. SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITIONS SHOWN & SHALL BE SUFFICIENT TO DEVELOP THE FULL STRENGTH OF THE REINFORCEMENT.							
BY AUSGRID SUPERINTENDENT. G7. MAINTAIN EARTHING GRID AT ALL TIMES. MAKING & BREAKING OF EARTHING CONNECTIONS WILL BE BY AUSGRID.					C6. ALL REINFORCEMENT TO BE ACCURATELY PLACED IN POSITION SHOWN & TIED & ADEQUATELY SUPPORTED TO GIVE SPECIFIED COVER.							С	
G8. HANDLE & DISPOSE OF ALL CONTAMINATED MATERIAL IN ACCORDANCE WITH RELEVANT WHS ACTS & REGULATIONS AND AUSGRID'S ENVIRONMENTAL HANDBOOK NS174C.					C7. REINFORCING NOT REQUIRED FOR PILES ≤1800mm IN LENGTH.								
G9. THIS FOOTING IS TO BE USE	D FOR STANDARDS IN TABLE 1. LOAD	ING SHALL BE IN ACCORDANC	E WITH DRG : 118	244.	C	OTHER THAN THO	SE SHOWN ON THE	E PLACED IN CONCRETE STRUCTURAL DRAWING	S SHALL BE ALLOW				
ULTIMATE WIND SPEED IS 45m						APPROVED IN WR	ITING BY THE AUSO	RID STRUCTURAL ENGIN	IEER.				
FOUNDATIONS				D			TO BE PLASTIC OR	CONCRETE TYPE UNLES	SS NOTED OTHERW	SE.	F		
	MEDIUM DENSE, WELL GRADED SANI		,		C T	REINFORCEME	NT SYMBOLS						
OF CONCRETE.					_			LOW DUCTILITY REINFOR UCTILITY REINFORCING					
F3. CONCRETE SHOULD BE PLACED AS SOON AS POSSIBLE AFTER EXCAVATION. IF EXCAVATIONS ARE LIKELY TO REMAIN OPEN FOR MORE THAN 24 HOURS A BLINDING LAYER OF CONCRETE SHALL BE PLACED TO PROTECT THE FOUNDATION BASE.						R DENO	TES STRUCTURAL G	RADE ROUND BAR TO AS ORMED BAR NORMAL DU	S/NZS 4671			D	
F4. FOOTINGS/PILES TO BE LOC	ATED CENTRAL UNDER COLUMNS UNI	ESS NOTED OTHERWISE.				C DENO	TES COLD WORKED	DEFORMED BAR TO AS/N LS R, N AND C IS THE BA	NZS 4671			ر	
SITUATIONS, FOOTINGS SHAL	PILE FOOTINGS ON THIS DRAWING SH. L BE INSTALLED AT A LEVEL SO THAT	THE TOP OF THE PLINTH MOL	ILD IS ABOVE FINI	SHED GROUND	L			,					
ARE NOT COVERED BY SOIL C	n. THIS IS TO ENSURE THE BASE PLAT DR DEBRIS. PILE FOOTINGS SHALL BE .	A MINIMUM OF 20mm BELOW 1	HE FINISHED GRO	OUND LEVEL.									
	R THE TOP OF AN EMBANKMENT, IN TH ATIONS, A STRUCTURAL ENGINEER SH		NETAINING STRUC	UTURE UK IN							-		
NS130													
	MPLY WITH THE REQUIREMENTS OF A	JSGRID'S NETWORK STANDAF	RD NS130.										
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CIVIL SAFETY NOTES	-												
ACT (NSW) & CLAUSE	REPORT PREPARED BY AUSGRID I 295 OF WHS REGULATION (NSW) -	LATEST EDITIONS.			WHS	<							
TRIM REFERENCE	GN – DESIGNER SAFETY E D13/588996 SHALL BE F	READ IN CONJUNCTIO	N WITH TH	ESE DRAWING			l					_	
EARTHING AND SITE SI	Y REPORT CONSIDERS CIVIL/STRUC PECIFIC ISSUES ETC WHICH SHOULD	BE ADDRESSED BY THE RE	LEVANT DESIGN	ENGINEERS.	·								
SHALL BE OBTAINED T	COMPLETED WORKS IS REQUIRED II	S SAFETY IN DESIGN LEGISL	ATION AND NS 2	261. CERTIFICATION	1								
	UNLESS THERE IS COMPLIANCE WIT RK IS COVERED UP. I.E., BEFORE A			•			1						
SD3 IF THE BUILDER IS UNA	ABLE TO CONFIRM THE GROUND CON	IDITIONS IDENTIFIED IN NOTE	F1 THEY SHALI	l seek advice fr	OM A							F	
	EETLIGHT IS TO BE LOCATED NEAR					<							
CONSULTED TO PROVID	OR ANY OTHER POTENTIALLY UNS DE A SITE SPECIFIC DESIGN.				BE								
	D DRAWING SO SITE SPEC PECIFIC ISSUES SHALL BE				M. THE								
SITE SPECIFIC DESIGN	NER SAFETY REPORT SHA	ALL INCORPORATE A	NY UNUSUA			•					-		
IUENTIFIED IN THE ST	FANDARD DESIGN – DESIG	INER SAFEIY REPUN	XI.			*							
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					4		•	0mm RADIUS, UPVC		179754 52415	4		
					2		50mm, UPVC (SEE N SEMBLY FOR STEEL	DTE 6) . LIGHTNING STANDARD	514607	78022 H5880	AS REQUIRED		
					ITEM		DESCRIPT		DRG No.	STOCK	QTY		
		SCALE		NTS		I							
								ARD CONST T LIGHTING					
AGBOLT ASSEMBLY 514020		DRAWN CHECKE		ETER SAUNDERS	2			FOOTING DE					
514607	24–28 Campbell Street SYDNEY NSW 2000	APPRO		I NICHOLS								Н	
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7	CONSTRUCTION	NISSUE NUMBER 9		-	10		51408	† SHEET 1 11		SIZE 12	<u> </u>	C	
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