

	14		1	15		16	
	Rev		Revision No	ote	Date	Drawn by	Approved
		unded fou mendmen	Indation and vaio ts added	ous general	18/02/11	AS	MS
E E	1-6 D	imension	and Earthing am		10/06/11	AS	MS
-			aves details ame sub station stan	nded, ducts added	29/03/12 10/09/14	AS SW	MS MS
F	1-9 F	ull review		fittings, subsequent	10/04/18	MCU	MS
-	2-0 A	ll instance	s of 'fire board' o	hade changed to 'supalux	25/04/18	MS	MS
-		oard or eo eneral no	quivalent' tes updated		14/06/18	MS	MS
F	2-2 A	dditional I	Duct added, duct	size amended and	04/10/22	KF/SK	JN
、			iged, LED replace er for Aluminum	ed Fluorescent lights door added.	1		
$\langle \rangle$							
			Substatio	n Room Ducts Arrange	ment		
\sum				a1501P			
WALL				W ^P		<u>ال</u>	
WALL				\bigcirc	Ø	94	
TIMBER ANGLE TIE TO PREVENT WALL PLATES		75	75 75	355	75	75	
SPREADING	27 Su	face of Pit Floor				Surface of	Pit Floor
		LV DI	JCT ARRANGEMEN	<u>,</u>	HV DUCT AR		
	N •	OTE: Scale 1:	20				
	•		DUCT INNER DIAI DUCT OUTER DIA				
NER DETAIL							
		r		-			
		ľ	GENERAL NOTE	S T - ASK !!! DO NOT SCALE			
			2. THIS DRAV	VING IS TO BE READ IN COM			NGINEERING
			3. ALL WORK	IN THIS SERIES AND THE GTO	CCORDANCE WIT	H THE RELEVA	NT BRITISH
			4. ALL DIMEN	5, CODES OF PRACTICE AND E SIONS TO BE CHECKED PRIO	R TO STARTING	THE WORKS ON	SITE. ANY
			DISCREPAN	CIES TO BE REPORTED TO TH	E ENGINEER IMM	EDIATELY.	
			STARTING	THE WORK.			
			TO BE CRE	ED, WATER CAPTURE RECESS ATED IN CABLE PIT. MAXIMU NCE WITH REINFORCEMENT A	IM PERMISSIBLE	DEPTH IS 25m	n TO AVOID
			ELECTRICAL NO	TES			
				THE SUBSTATION POWER AN INTED FUSE CABINET AUXILI			
			PVC CABLE TO SUPP THE POWER AND LI	LY A SINGLE PHASE 25A STR GHTING FUSE BOARD. THIS V	EET LIGHTING C	UT OUT MOUN A CONSUMER UI	red Below Nit with a
			WITH A SPARE 16	Controlled Ways (2No 16 A Way for special requ Ach outgoing way will be	IREMENTS SUCH	I AS SCADA C	R REMOTE
			ALL INTERNAL WIRI	NG TO BE CONTAINED IN 20n WILL BE NON METALLIC HI	nm HIGH IMPACT	BLACK PVC CO	NDUIT AND
			WEATHERPROOF AN	D SOURCE FROM A QUALITY N	MANUFACTURER (e.g. MEM OR M	K).
			A CONVENIENT LOC	SOCKET OUTLETS WITH 30n ATION ON THE LEFT HAND SI	DE OF THE SUBST	ATION.	
			THE WALLS (ONE E BY A NON METALLIC	LKHEAD LIGHTS TO AT LEAS THER SIDE OF DOOR AND O FULLY INSULATED LIGHTING	NE CENTRE REAR SWITCH FITTED	WALL) AND CO	ONTROLLED
OARD OR			FLOOR LEVEL ON TH	E WALL ADJACENT TO LEFT O	PENING DOOR.		
STAGGERED ROOF JOISTS AND			1.5mm ² COPPER CAR	BLE.			
DDEN/SEALED M OF 1 HOUR FIRE			BS7671 - IEE WIRIN				
450mm c/c HORIZONTALLY			CARE MUST BE TAK	S WITH SEPARATE HV AND EN WITH LIGHTING AND SOC	KET SUPPLIES TO	D AVOID THE P	OSSIBILITY
SES. WALL TIES RSES WINTIN			OF MAKING CONTAC	T BETWEEN DIFFERENT EART ING AND RTU POWER SUPPLY	HING SYSTEMS.		
DVDC				TTTINGS, SWITCHES AND CO SPECIFICATION ABOVE.	NDUIT MUST BE	NON-METALLIC	and fully
RAPS ND			TRANSFORMER MOL	MUST BE DISCONNECTED ON NTED FUSE CABINET MUST B			
			USE, HOT SITE".				
			•́	LIGHT SWITCH			
				13A SWITCHED SOCKET (DISTRIBUTION BOARD	OUTLET		
			Ē	17W LED LIGHT			
		ŀ					
			WOLSELEY (FORMA TRADING ESTATE, C	P SUBSTATION DOORS, STEE ALLY UTILITY POWER SYST HESTERFIELD, DERBYSHIRE, S	TEMS), CARWOO		
			Tel: 0344 251 1666 Fax: 01246 455915 Email: sales@utilityp		-		
			GTC APPROVED - ST	EEL DOORS AND VENTILATOR			
			KENT, TN23 6LL Tel: 01233 639039	NG LTD, KINGSNORTH INDUS	DIRIAL ESTATE, V	VUUTUN ROAD,	ASHFURD,
			Fax: 01233 625137 Email: sales@sunray	doors.co.uk			
				EEL DOORS AND VENTILATOR FRING, DUNLOP WAY, QUEEN RE, DN16 3RN		AL ESTATE, SC	JNTHORPE,
			Tel: 01724 271999 Fax: 01724 271888				
			Email: sales@bradbu	iminium Doors:			
	mmø ROUND			5 THE GATEWAY CENTRE, C	RESSEX BUSINES	S PARK, HIGH	WYCOMBE,
	P DOWN PIP	E	Email: enquiries@ts-	designs.com			
					~		
GR	-	- ·	ig Scale :	1:50		0.	
GR	ſ		F :	N/A		ectricity ne	etwork co.
GR	-	O.S.RE	1	N/A			
GR	-	O.S.RE Netwo	rk Number :				
GR		O.S.RE Netwo Project	Number :			of 1	
GR		O.S.RE Netwo Project	Number :	GTC-E-SS-0012	_R2-2_1_	_of_1	
GR		O.S.RE Netwo Project	Number :				
GR	****	O.S.RE Netwo Project	Number :	GTC-E-SS-0012 CLOSE COUPLE PYRAMID ROOF	D SUBST		
GR	****	O.S.RE Netwo Project	Number :	CLOSE COUPLE	D SUBST	ATION	
GR		O.S.RE Netwo Project	Number :	CLOSE COUPLE PYRAMID ROOF	D SUBST	ATION	
GR	****	O.S.RE Netwo Project	Number :	CLOSE COUPLE PYRAMID ROOF	D SUBST	ATION	
GR	****	O.S.RE Netwo Project	Number :	CLOSE COUPLE PYRAMID ROOF	D SUBST	ATION	A1