

GENERAL NOTES- APPLICABLE TO ALL DRGS

1; ALL WORKS SHALL BE CARRIED OUT BY A NECEIC APPROVED ELECTRICAL CONTRACTOR

2; THE COMPLETE INSTALLATION SALL BE INSTALLED, TESTED & COMMISSIONED IN ACCORDANCE WITH THE LATEST EDITION OF IEE CODE OF PRACTICE

3; THE CONTRACTOR SHALL TAKE FULL COGNISANCE OF THE PRE-TENDER HEALTH AND SAFETY FILE, AND PROVIDE DETAILED METHOD STATEMENTS FOR ALL HAZARDS LISTED THEREIN. ANY WORK SEQUENCE NOT LISTED DEEMED TO BE A HAZARDOUS OPERATION SHALL BE COVERED BY A METHOD STATEMENT FOR ANY ITEM NOT LISTED THEREIN 3 WORKING DAYS PRIOR TO THE COMMENCEMENT OF THIS OPERATION

4; THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND THE SPECIFICATION.

5; EXACT AND FINAL POSITIONS OF ALL EQUIPMENT SHALL BE AGREED ON SITE WITH THE ELEC ENGINEER

6; THE ELECTRICAL CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR CO-ORDINATEION OF ELECTRICAL SERVICES WITH OTHER TRADES

7; UNLESS STATED OTHERWISE ALL WIRING TO SMALL POWER & LIGHTING CIRCUITS SHALL BE INSTALLED IN LSF CABLING IN GALVANISED STEEL TRUNKING & CONDUIT.

8; ALL SOCKETS, SWITCHES ETC SHALL HAVE ENGINEERS APPROVAL PRIOR TO INSTALLATION.

9; THE ELECTRICAL CONTRACTOR SHALL LIASE WITH THE RELEVANT PERSONS WITH RESPECT TO THE INSTALLATION OF THE POWER, TELEPHONE, TV & ANY ASSOCIATED CONTROL CABLING.

10; MINIMUM SIZE OF CONDUIT TO BE 20mm.

11; BESA BOXES SHOULD BE USED INSTEAD OF BENDS AND TEES IN THE CONDUIT SO AS TO ASSIST IN THE FUTURE INSTALLATION OF CABLES.

12; NOT USED

13; ALL ACCESSORIES IN MAIN WORKSHOP & STORE AREAS SHALL BE ALM SURFACE TYPE. ALL ACCESSORIES IN OFFICES SHALL BE WHITE RECESSED INTO THE BUILDING FABRIC

14; SOCKETS SHOULD BE MOUNTED AT 450mm AFFL OR 150mm ABOVE BENCHING UNLESS OTHERWISE STATED.

15; LOCATIONS OF POINTS ARE APPROXIMATE AND INDICATIVE ONLY. EXACT LOCATION OF ALL POINTS SHOULD BE DETERMINED BY APPROVAL FROM THE ENGINEER ON SITE.

16; ALL SOCKET CIRCUITS SHALL BE PROTECTED BY A 30mA RCD / RCBO BACK AT THE DISTRIBUTION BOARD.

17; THE CONTRACTOR SHALL ENSURE THAT ALL SINKS, METALLIC PREPARATION TABLES PREPARATION TABLES, FRIDGES ETC, SHALL BE SUITABLE EARTHED.

18; ALL SOCKET CIRCUITS SHALL BE WIRED ON A RADIAL CIRCUIT IN 4MM SQ LSF CABLES IN CONDUIT

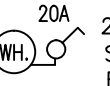
19; ALL DROPS TO DATA TRUNKING SHALL BE CARRIED OUT IN MANUFACTURING DATA TRUNKING BENDS. (SURFACE MOUNTED)

MCB RATING	CIRCUIT DESCRIPTION	CABLE TYPE
20A/20kVA RCBO	LIGHTING CIRCUITS-MAIN GARAGE	4MM XLPE/SWA/LSF
10A/20kVA RCBO	DRIVE CIRCUIT SOCKET OUTLETS	2.5MM LSF CABLING
10A/20kVA RCBO	DATA SUPPLIES	2.5MM LSF CABLING
16A/20kVA RCBO	DRIVE ACCESS & GARAGED CALL	2.5MM LSF CABLING
45A/20kVA RCBO	ELECTRIC HOSE	10.0MM LSF CABLING
20A/20kVA RCBO	DRYERS/HOTWIRE	4.0MM LSF CABLING
20A TRIP	THREE PHASE SUPPLIES	4.0MM LSF CABLING
20A TRIP	THREE PHASE SUPPLIES	4.0MM LSF CABLING
16A/20kVA RCBO	GENERALLY	2.5MM LSF CABLING
16A/20kVA RCBO	WATER BOLTS	4.0MM LSF CABLING
10A/20kVA RCBO	LOT CIRCUITS-OFFICES/PROBES	1.5MM LSF CABLING
63A TRIP	ROLLING ROAD MACHINE	25.0MM XLPE/20kVA/LSF
20A/20kVA RCBO	DUAL 24V/110V OUTLETS	4.0MM LSF CABLING

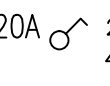
#### SYMBOLS



DISTRIBUTION BOARD.



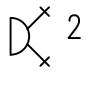
20A DOUBLE POLE SWITCH C/W NEON WIRED IN SINGLE CORE LSF CABLES FROM A 20A MCB FOR WATER HEATER SUPPLY. ALLOW FOR FINAL CONNECTION IN HEAT RESISTANT CABLING



20A DOUBLE POLE SWITCH C/W NEON WIRED IN 4MM LSF SINGLE CORE CABLES FROM A 20A RCBO



DOUBLE CAT 5E OUTLET



Twin Socket



13 AMP FUSED CONNECTION UNIT [UNSWITCHED]



13 AMP SWITCHED FUSED CONNECTION UNIT WITH FLEX OUTLET



SINGLE-PHASE ISOLATOR (COMMANDO TYPE)



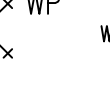
45A D.P. SWITCH C/W NEON INDICATOR SUITABLE ENGRAVED C/W LOW LEVEL CONNECTION UNIT [SUITABLE ENGRAVED]



20A DOUBLE POLE SWITCH C/W NEON WITH L/L SOCKET OUTLET [SUITABLE ENGRAVED] WIRED FROM A 20A RCBO IN 4MM SQ SINGLE CORE CABLES



HAND DRYER COMPLETE WITH 13A SWITCHED FUSED CONNECTION UNIT AT HIGH LEVEL



WATERPROOF SOCKET- MK MASTERSEAL



3-PHASE ISOLATOR (COMMANDO TYPE)



COMPRESSOR



ICT/HUB



3 COMPARTMENT DADO TRUNKING WHI PVC TYPE



DUAL 24/110 OUTLET. WIRED IN 4MM LFS CABLING IN CONDUIT, TERMINATING IN A 20DP SWITCH ADJACENT OUTLET

ALL ELECTRICAL SERVICES POINTS TO BE WIRED IN 4MM RADIAL CIRCUITS FROM A 20A RCBO IN 4MM XLPE/SWA/LSF CABLING IN BUILDERS DUCTING

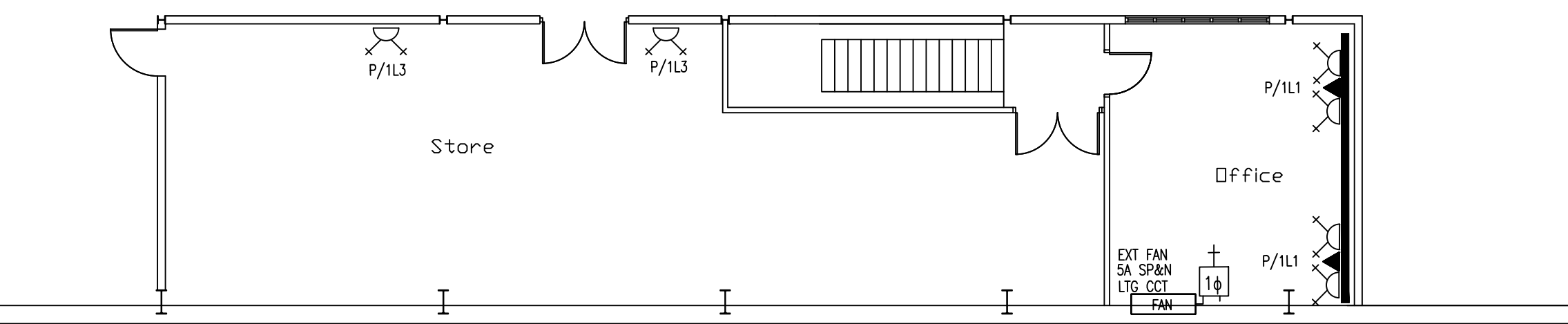
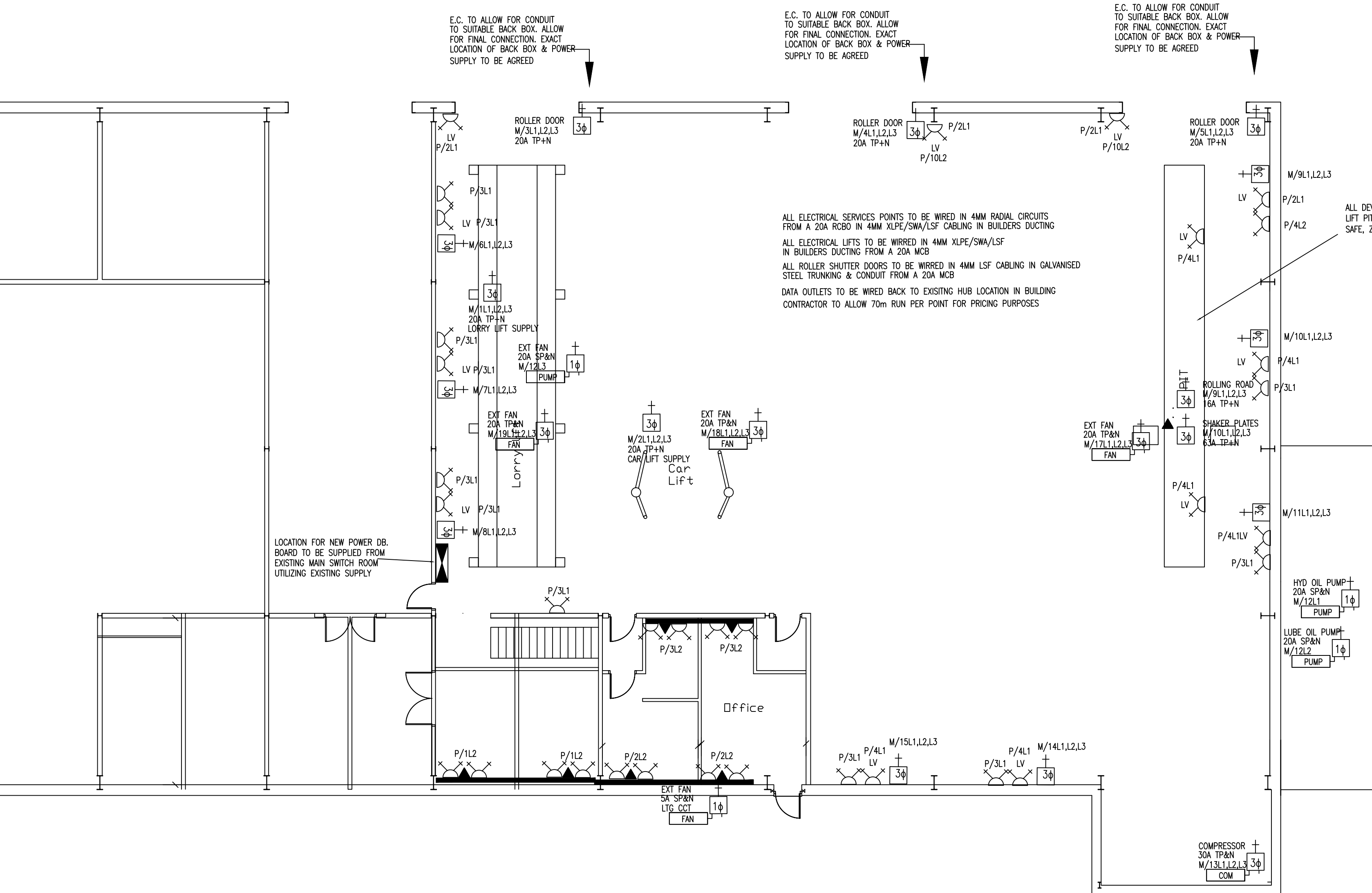
ALL ELECTRICAL LIFTS TO BE WIRED IN 4MM XLPE/SWA/LSF IN BUILDERS DUCTING FROM A 20A MCB

ALL ROLLER SHUTTER DOORS TO BE WIRED IN 4MM LSF CABLING IN GALVANISED STEEL TRUNKING & CONDUIT FROM A 20A MCB

DATA OUTLETS TO BE WIRED BACK TO EXISTING HUB LOCATION IN BUILDING CONTRACTOR TO ALLOW 70m RUN PER POINT FOR PRICING PURPOSES

ALL DEVICES, CABLING, CONDUIT WITHIN LIFT PIT TO BE INTRINSICALLY SAFE, ZONE 1 CLASSIFICATION

LOCATION FOR NEW POWER DB. BOARD TO BE SUPPLIED FROM EXISTING MAIN SWITCH ROOM UTILIZING EXISTING SUPPLY



P	PRELIMINARY ISSUE	LM	CB	11.13
Rev	Description	By	Chk	Date

CLIENT/ARCH

OMAGH DISTRICT COUNCIL

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Project

**PROPOSED NEW VEHICLE MAINTENANCE FACILITY**

Drawing Title:

**SMALL POWER INSTALLATION**

Scale at A1	Drwn By	Date	Chkd By	Date
1:100	LM	11.13	CB	11.13
Project No.	Drawing No.	Revision		
1194	1194/13/E201	P		