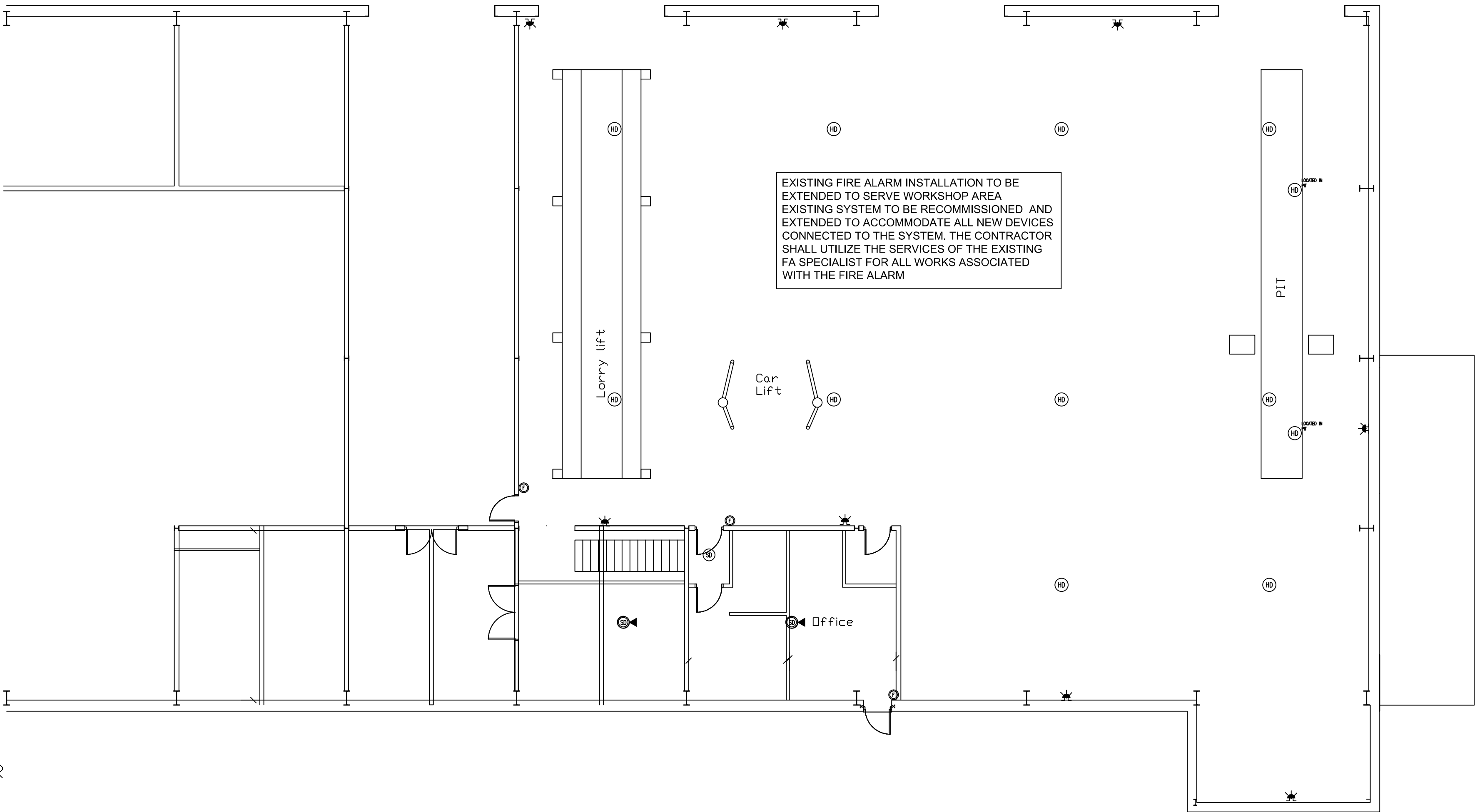
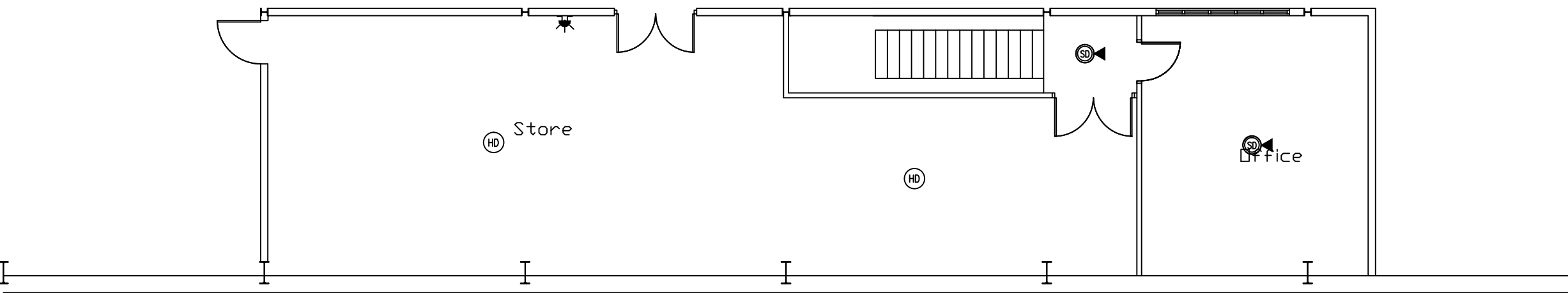


GROUND FLOOR



PROPOSED FIRST FLOOR



FIRE ALARM NOTES:

THE FIRE ALARM SYSTEM SHALL BE ZONED IN ACCORDANCE WITH BS 5839-1 : 2002.

BREAK GLASS UNITS SHALL BE IN ACCORDANCE WITH EUROPEAN STANDARD BS EN 54-11 TYPE A.

A MIMIC DIAGRAM INDICATING ALL FIRE ALARM EQUIPMENT SHOULD BE INSTALLED ADJACENT TO THE MAIN PANEL.

BREKGLASS UNITS SHALL BE INSTALLED AT 1000mm A.F.F.L. AND SHALL BE LOCATED IN EASILY ACCESSIBLE, WELL ILLUMINATED AND CONSPICUOUS POSITIONS FREE FROM OBSTRUCTION.

ALL AUDIBLE WARNING DEVICES SHOULD HAVE A SIMILAR SOUND AND BE DISTINCT FROM ANY OTHER ADIBLE ALARMS.

THE FIRE ALARM SHALL BE TESTED EVERY 3 MONTHS WITHIN THE FIRST YEAR. THE E.C. SHALL ALLOW FOR ARRANGING SUITABLE TIMES FOR THESE TESTS WITH THE RELEVANT PARTIES.

THE FIRE ALARM PANEL SHALL BE LINKED TO THE BOILERHOUSE PANEL VIA A HEAVY DUTY RELAY. IN THE EVENT OF A FIRE SIGNAL BEING ACTIVATED, THE BOILERHOUSE PANEL SHALL SHUT DOWN.

A LOG BOOK SHALL BE PROVIDED INCLUDING REQUIREMENTS FOR ROUTINE TESTING (DAILY, WEEKLY, QUARTERLY AND ANNUALLY) AS RECOMMENDED IN IS3218.

THE SYSTEM SHALL BE TESTED AND COMMISSIONED BY THE MANUFACTURERS AGENTS PRIOR TO HANDOVER.

FULL INSTRUCTION OF THE SYSTEM MUST BE GIVEN TO THE RELEVANT MEMBERS OF STAFF AND SHOULD INCLUDE TESTING PROCEDURES AND OPERATIONS GUIDES.

LOOP WIRING TO BE CONFIRMED WITH FIRE ALARM INSTALLER

SYSTEM TO HAVE 25% SPARE CAPACITY

ALL INTERFACE UNITS SHALL BE SUPPLIED VIA A DEDICATED 16A RADIAL CIRCUIT. WIRED UTILISING 4MM LSOH CABLING C/W SEPERATE 400 LSOH CPC IN CONDUIT & TRUNKING FROM A LOCAL DISTRIBUTION BOARD.

OPERATION OF THE FIRE ALARM SYSTEM SHALL CAUSE ALL DOOR ACCESS CONTROLLED DOORS TO FAIL OPEN

ADDITIONAL POWER SUPPLIES SHALL BE INCLUDED AS REQUIRED FOR THE OPERATION OF SOUNDERS ON EACH LOOP.












FIRE ALARM CABLING TO RUN ON TRAY/ CLIPPED TO BUILDING. ALL DROPS SHALL BE IN GALVANISED STEEL CONDUIT-- MAIN WORK SHOP AREAS. WITHIN ALL OFFICE AREAS CABLING TO BE INSTALLED IN GALVANISED STEEL CONDUIT

ALL CABLING SHALL BE FP200 GOLD/ENHANCED [RED].

ADDITIONAL FIRE ALARM DEVICES:

1. EC TO ALLOW FOR 2 NO ADDITIONAL HEAVY DUTY INTERFACES FOR LINKING TO UNIDENTIFIED EQUIPMENT WIRED OF LOOP
2. EC TO ALLOW FOR 2 NO ADDITIONAL SMOKE DETECTORS C/W SOUNDER BASES WIRED OF LOOP
3. EC TO ALLOW FOR 2 NO ADDITIONAL SMOKE DETECTORS C/W CONVENTIONAL BASES WIRED OF LOOP

LEGEND OF SYMBOLS:

-  FIRE ALARM BREAK GLASS (CALL POINT)
-  SMOKE DETECTOR
-  SMOKE DETECTOR WITH INTEGRAL SOUNDER STROBE
-  HEAT DETECTOR
-  HEAT DETECTOR WITH INTEGRAL SOUNDER STROBE
-  FIRE ALARM SOUNDER
-  MAIN ALARM PANEL LINKED C/W AUTO DIALER
-  FIRE ALARM INTERFACE
-  FIRE ALARM SOUNDER/STROBE
-  SMOKE DETECTOR IN ROOFSPACE C/W LED IN CEILING BELOW
-  FIRE ALARM STROBE

P	PRELIMINARY ISSUE	LM	CB	11.13
Rev	Description	By	Chk	Date
CLIENT/ARCH				
OMAGH DISTRICT COUNCIL				
CHRISTOPHER BOYLE CONSULTANTS 36 Carrick Strand, Strabane, Co. Tyrone BT82 9RN Tel: 028 7188 2052 Mob. 078 5037 2801 email: info@cbengineeringconsultancy.co.uk				
Project				
PROPOSED NEW VEHICLE MAINTENANCE FACILITY				
Drawing Title: PROPOSED FIRE ALARM INSTALLATION				
Scale at A1	Drwn By	Date	Chkd By	Date
1:100	LM	11.13	CB	11.13
Project No.	Drawing No.			Revision
1275	1275/15/E301			P