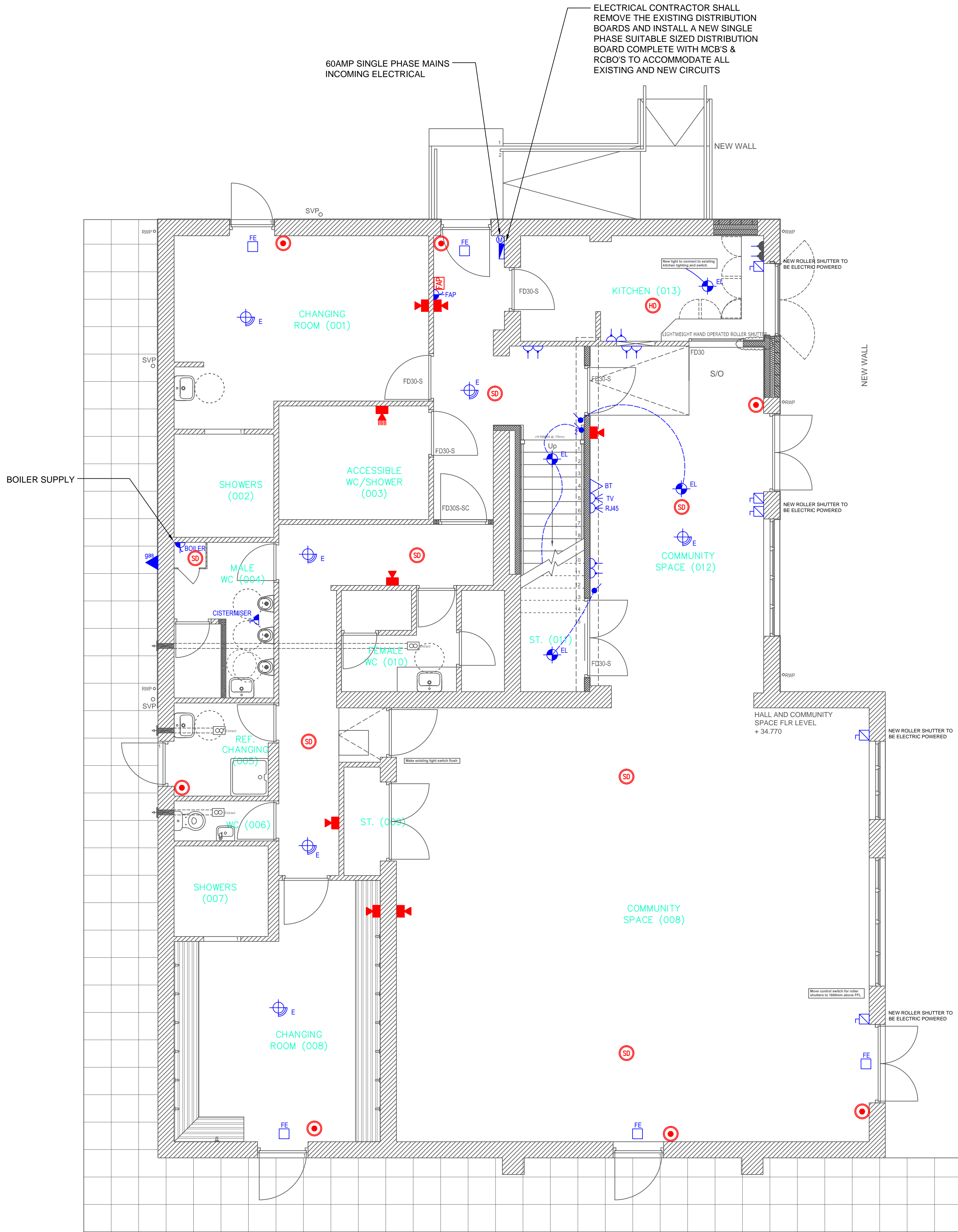



NOTES

- BEFORE ANY WORKS COMMENCE THE ELECTRICAL CONTRACTOR SHALL INCLUDE TO CARRY OUT THE MONITORING OF THE MAIN INCOMING ELECTRICAL SUPPLY OVER A 1 WEEK PERIOD TO DETERMINE THE MAXIMUM ELECTRICAL DEMAND. THESE WORKS ARE TO BE ARRANGED WITH CLIENT WHEN THE PAVILLIONS IS IN USE. A FULL REPORT SHALL BE ISSUED TO THE CLIENT HIGHLIGHTING ANY CONCERNS THEY MAY HAVE BEFORE ANY WORK COMMENCES.
- ELECTRICAL CONTRACTOR SHALL CARRY OUT A ECIR ON ALL EXISTING CIRCUITS AND REPORT ANY DEFECTS TO THE MAIN CONTRACTOR TO COMPLY WITH BS7671.
- ELECTRICAL CONTRACTOR SHALL INCLUDE FOR A 3HR DURATION TEST OF THE EXISTING EMERGENCY LIGHTING AND ISSUE A REPORT TO THE CLIENT OF ANY LUMINAIRES THAT DO NOT COMPLY WITH BS5266.
- ALL EARTHING MUST COMPLY WITH BS7671.
- ALL FIRE ALARM SUPPLY SHALL BE TAKEN FROM THE MAIN LV DISTRIBUTION BOARD.
- ALL WIRING TO BE CARRIED OUT IN LSZH CABLING.
- THE ELECTRICAL CONTRACTOR SHALL DESIGN, SUPPLY AND INSTALL, TEST AND COMMISSION A FIRE DETECTION AND ALARM SYSTEM THROUGHOUT THE BUILDING, AS REQUIRED BY BS5839.
- SOUNDERS / ALARMS IN ALL AREAS TO ACHIEVE THE SOUND LEVEL STIPULATED IN BS5839.
- THE ELECTRICAL CONTRACTOR SHALL DESIGN SUPPLY AND INSTALL AN EMERGENCY LIGHTING SYSTEM AS REQUIRED BY BS266.
- THE SUPPLY TO THE EMERGENCY LIGHT FITTINGS SHALL BE DELIVERED FROM THE LOCAL LIGHTING CIRCUITS.
- ALL LUMINAIRES SHALL BE LED.
- ALL EMERGENCY LIGHT FITTINGS ARE TO BE WIRED VIA A TEST KEY SWITCH FOR TESTING PURPOSES.
- ELECTRICAL CONTRACTOR SHALL ALLOW FOR DISCONNECTING ALL REDUNDANT ELECTRICAL SERVICES AND REMOVE FROM SITE.



ELECTRICAL LEGEND

- double switched high level socket outlet
- double switched socket outlet
- light switch
- 2 way, or more, light switch (no. refers to no. of switches)
- tv aerial socket (see detail for heights)
- CAT 5 cable network with RJ 45 data socket
- energy efficient recessed light fitting. LED lamps to all fittings
- wall mounted external light fitting, mounted at 1850 above Ground FFL
- heat detector alarm to BS5839 Part 6:2013
- Smoke detector alarm to BS5839 Part 6:2013
- Sounders / Beacon
- Fire Escape Signage to be in accordance with the Health and Safety (Safety signs and signals) Regulations 1996 or BS 5499 Part 1, 2000
- Manual fire call point
- PIR sensor with timed overrun to be linked to lighting in communal areas
- Indicative radiator / towel radiator
- consumer unit 1800 above fl
- Fire alarm panel
- Emergency light fitting
- Single phase isolator, requirements to be confirmed by manufacturer
- Fused spur
- Denotes emergency light fitting

| Revision   | Description     | Date                 |
|--|-----------------|----------------------|
| <div><div><div>Mechanical and Electrical Ltd</div></div><div>Unit 28, Royal Scot Road,<br/>Pride Park,<br/>Derby,<br/>DE24 8AJ.<br/>tel: 01332 293790<br/>e-mail: info@arcmande.co.uk</div></div> |                 |                      |
| Client<br>-  |                 |                      |
| Project<br>ASTON ON TRENT<br>PAVILION EXTENSION  |                 |                      |
| Title<br>GROUND FLOOR<br>ELECTRICAL SERVICES   |                 |                      |
| Status<br>PRELIMINARY.   |                 |                      |
| Drawn by<br>N.D.S  | Checked<br>L.K. | File<br>E-001.DWG.   |
| Drawing Number<br>E-001.   | Revision<br>-   | Scale<br>1:50 at A1. |
|  |                 | Date<br>14.05.2017   |