

FIRE SIGNAGE



FIRE HOSE REEL



FIRE HYDRANT



FIRE EXTINGUISHER



BOOSTER CONNECTION



NON RETURN VALVE



DOMESTIC WATER



ASSEMBLY POINT



TRAVEL DIRECTION



S/S STROBE/SOUNDER



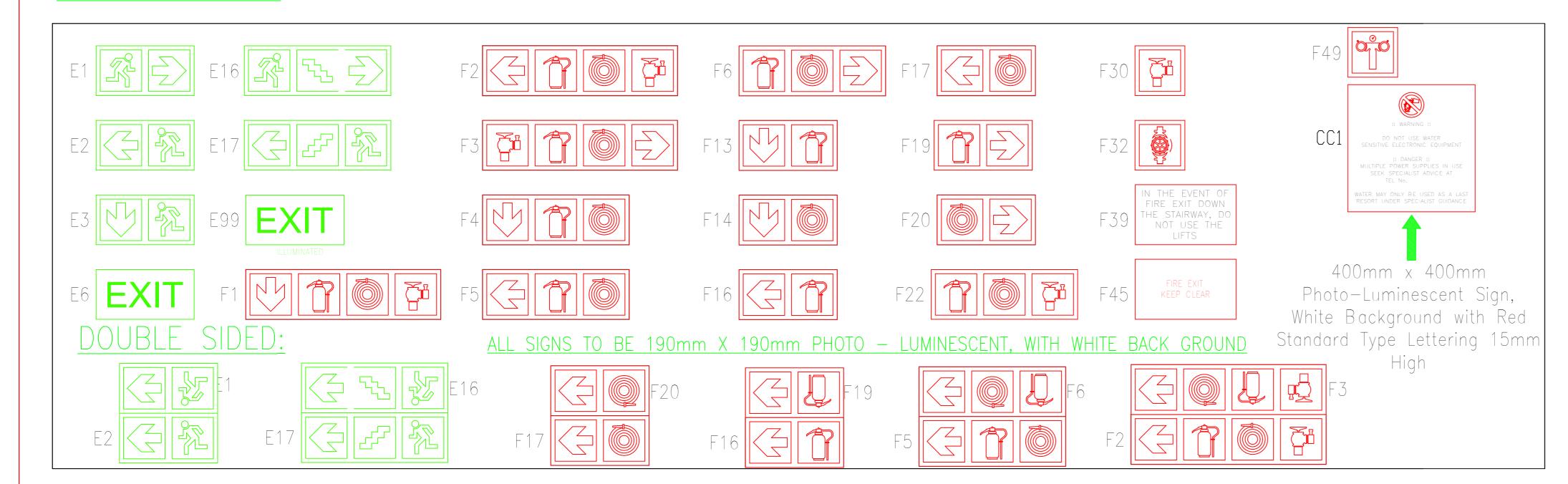
FIRE PANEL

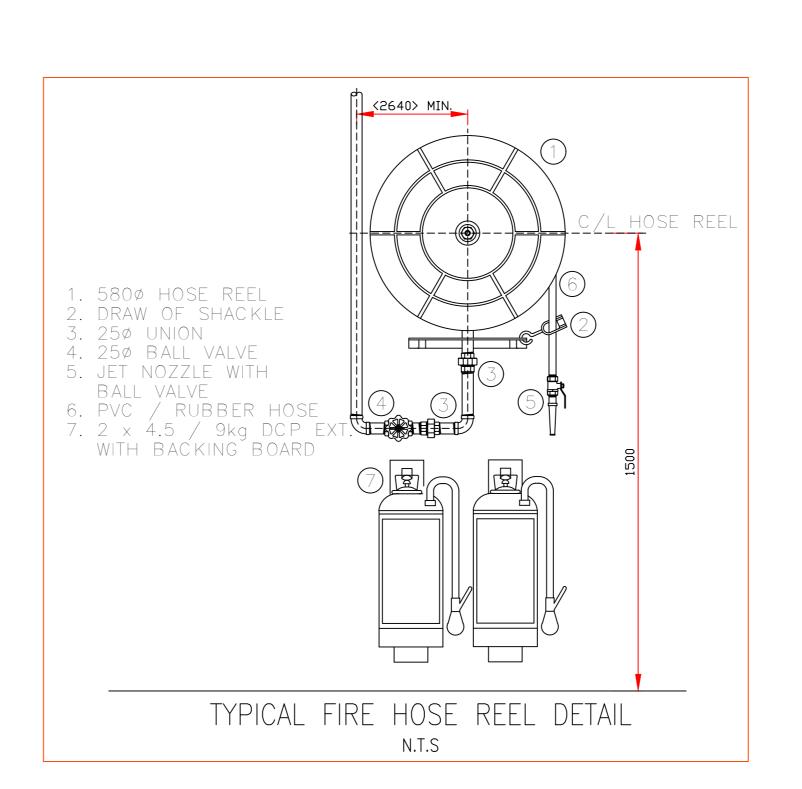
SD

SMOKE DETECTOR

IRFD INFRA RED FLAME DETECTOR

SIGNAGE LEGEND:





FIRE NOTES:

SEE STANDARD SPECIFICATIONS FOR EQUIPMENT DETAILS ALL EXTRA FIRE NOTES AS PER RATIONAL FIRE DESIGN

ALL OTHER WORK AS PER EXISTING APPROVED DRAWINGS

GENERAL FIRE NOTES:

FIRE HOSE REEL:
HOSE REEL TO BE INSTALLED SECURELY TO POSITIONS AS INDICATED, TO FED BY 25MM DIAMETER PIPE AND TO BE INSTALLED IN ACCORDANCE WITH SANS 543 AND 4.34.

9KG DRY CHEMICAL POWDER FIRE EXTINGUISHERS TO BE INSTALLED AS PER PLAN AND 4.5KG DRY CHEMICAL POWDER TO BE INSTALLED

AS PER PLAN, SECURELY TO PURPOSE MADE BOARDS OR FRAMES, ALL FIRE EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SANS 0105 AND 4.37. FIRE CABINETS ARE REQUIRED FOR ALL EXPOSED FIRE EXTINGUISHERS. POLYCARBONATE FOR INTERNALLY PLACED UNITS, AND STEEL FOR EXTERNALLY PLACED UNITS.

SEE ME-E-010502 & ME-E-010503 EQUIPMENT PLACED INSIDE CUPBOARDS DO NOT REQUIRE FIRE IN GENERAL FIRE EXTINGUISHERS ARE PREFERRED BELOW HOSE

FIRE EXITS:
ESCAPE DOORS TO BE IN A PROMINENT POSITIONS AS INDICATED ON PLAN. TIMBER FRAMED, LEDGED AND BATTENED DOORS TO ALL EXTERNAL PARTS OF BUILDING ESCAPE DOORS MAY ONLY BE FITTED WITH APPROVED LOCKING DEVICES (NO KEYS).

ALL FIRE FIGHTING EQUIPMENT AND FIRE EXITS TO BE CLEARLY MARKED WITH PHOTOLUMINESCENT SYMBOLIC SIGNAGE, AND BE SECURELY MOUNTED WITH SUITABLE FIXING METHODS (NO

ADHESIVES) TO BE INSTALLED IN ACCORDANCE WITH SANS 1186. 5. ALL WORK TO COMPLY AND TO BE CARRIED OUT TO SANS 10400 OF 2011- AND AS PER RATIONAL DESIGN.

6. BUILDING AND PROPERTY TO COMPLY WITH SANS 10400 4.55. 7. ALL STRUCTURAL ELEMENTS AND COMPONENTS TO COMPLY TO SANS

8. FIRE HYDRANT TO COMPLY TO SANS 10400 AND PIPE WORK TO COMPLY TO SANS 10400 PART W.

9. ALL FIRE WATER RETICULATION TO BE TESTED BY THE FIRE DEPARTMENT AND WATER DEPARTMENT.

10. INSULATION TO COMPLY TO SANS 0428.

11. VENTILATION TO COMPLY TO 4.42 OR AS PER RATIONAL DESIGN.

12. FIRE DOORS TO COMPLY WITH SANS 1253. 13. SMOKE DETECTION TO COMPLY WITH SANS 0139.

14. EMERGENCY LIGHTING TO COMPLY TO SANS 4.30.

15. MIN 4M WIDE ACCESS FOR FIRE DEPT.

16. FLOOR COVERING TO COMPLY WITH SANS 4.14 AND TO BE CLASS

17. WALL COVERINGS TO COMPLY WITH SANS 4.15 AND TO BE CLASS

PLEASE NOTE:

ALL RED INDICATED WALLS ARE TO BE FIRE WALLS.

ALL SIZES OF PIPING SHOWN ARE INTERNAL DIAMETER SIZES

MECHANICAL ENGINEER

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ASSOCIATED REFERENCE DRAWING DRAWING NUMBER | REV. | DATE

| | SIGNATURE: | DATE | SHEET SIZE A1 |
|-----------|------------|------|--|
| DESIGNED | S.M | | SCALE |
| DRAWN | CM | | STATUS LEGEN |
| VERIFIED | S.M | | FM = FOR MEASURE T = TENDER |
| VALIDATED | S.M | | C = CONSTRUCTION AB = AS BUILT FA = FOR APPROVAL |

CLIENT:

SABS EAST LONDON

DRAWING TITLE:

BUILDING B FIRE PROTECTION LAYOUT

ME-FP-003 MECHANICAL