

Notes:
1. THIS DRAWING INDICATES ENGINEERING SERVICES INSTALLATION WORK ONLY AND MUST NOT BE TAKEN AS ACCURATELY REPRESENTING ANY OTHER DETAIL.
2. THIS DRAWING SHOWS THE DESIGN INTENT AND MUST NOT BE USED FOR INSTALLATION PURPOSES.

Ref.	Date	Description	By	App
T4	06-09-17	FOR PLANNING/BUILDING CONTROL INFORMATION (1 NO. "P1" AND 1 NO. "P2" LUMINAIRES REMOVED TO BETTER CONTROL GLARE. PRESENCE DETECTORS REVISED)	MT	SA

Location Plan:
N/A



Client:
UNIVERSITY COLLEGE LONDON
ESTATES
LONDON
WC1E 6BT

Project:
UCL MAIN QUAD
TEACHING FACILITY
(POP-UP)

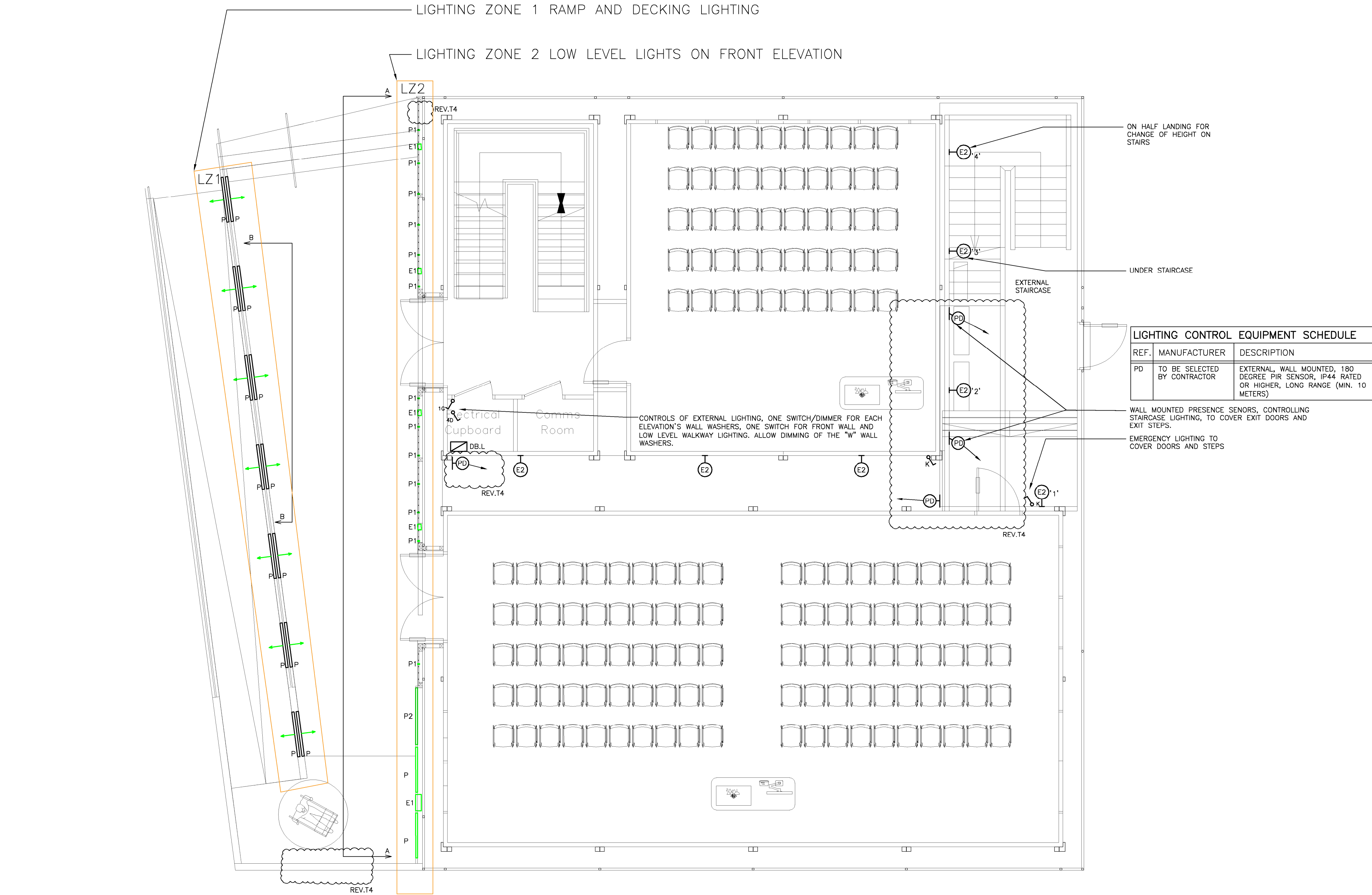
Title:
EXTERNAL LIGHTING

Date: 03-04-2017 Designed by: MT

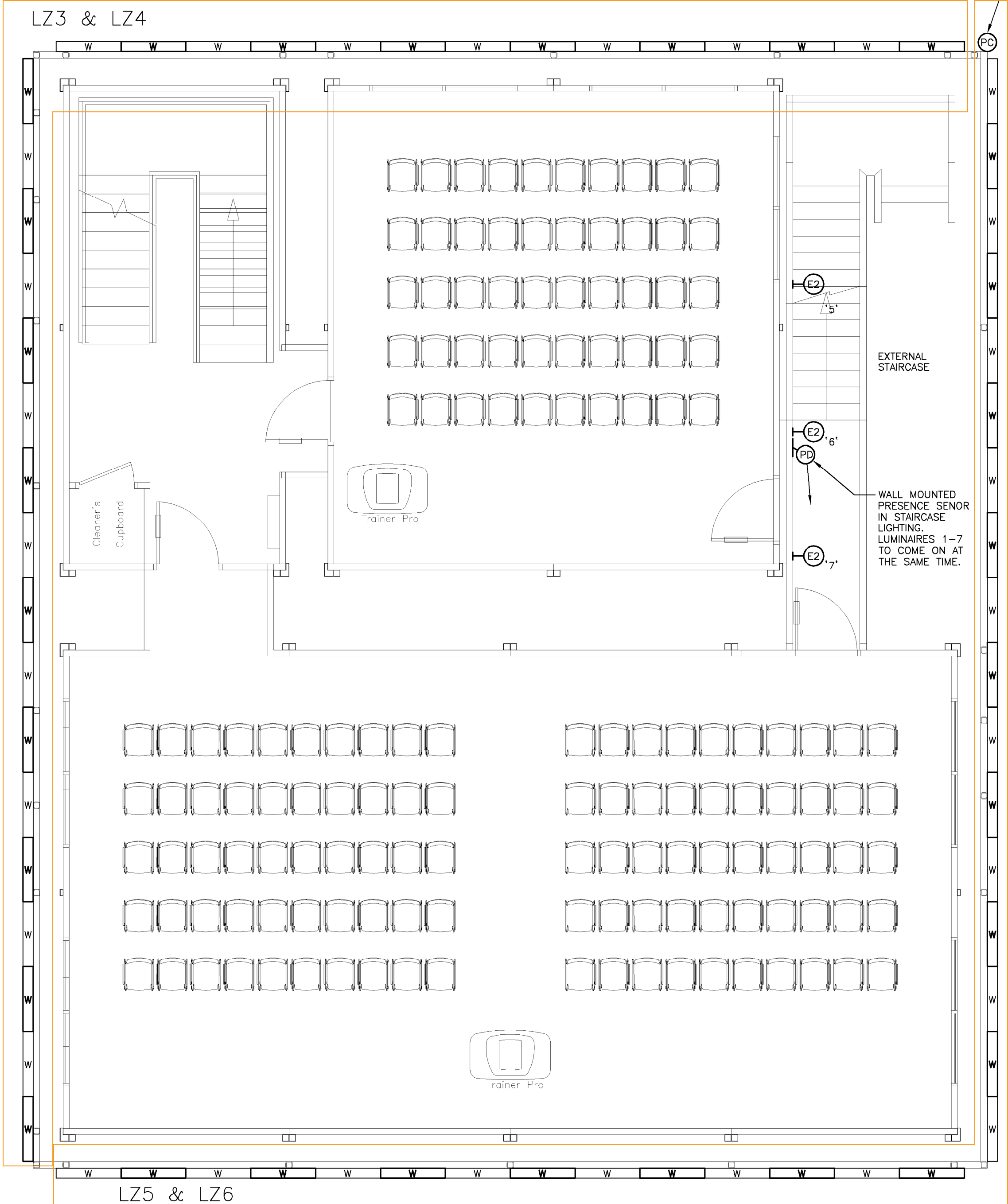
Paper Size: A0 Approved by: SA

Scale: 1:50 Drawn by: MT

Orig. Ref.: 1616-ES-101 T4

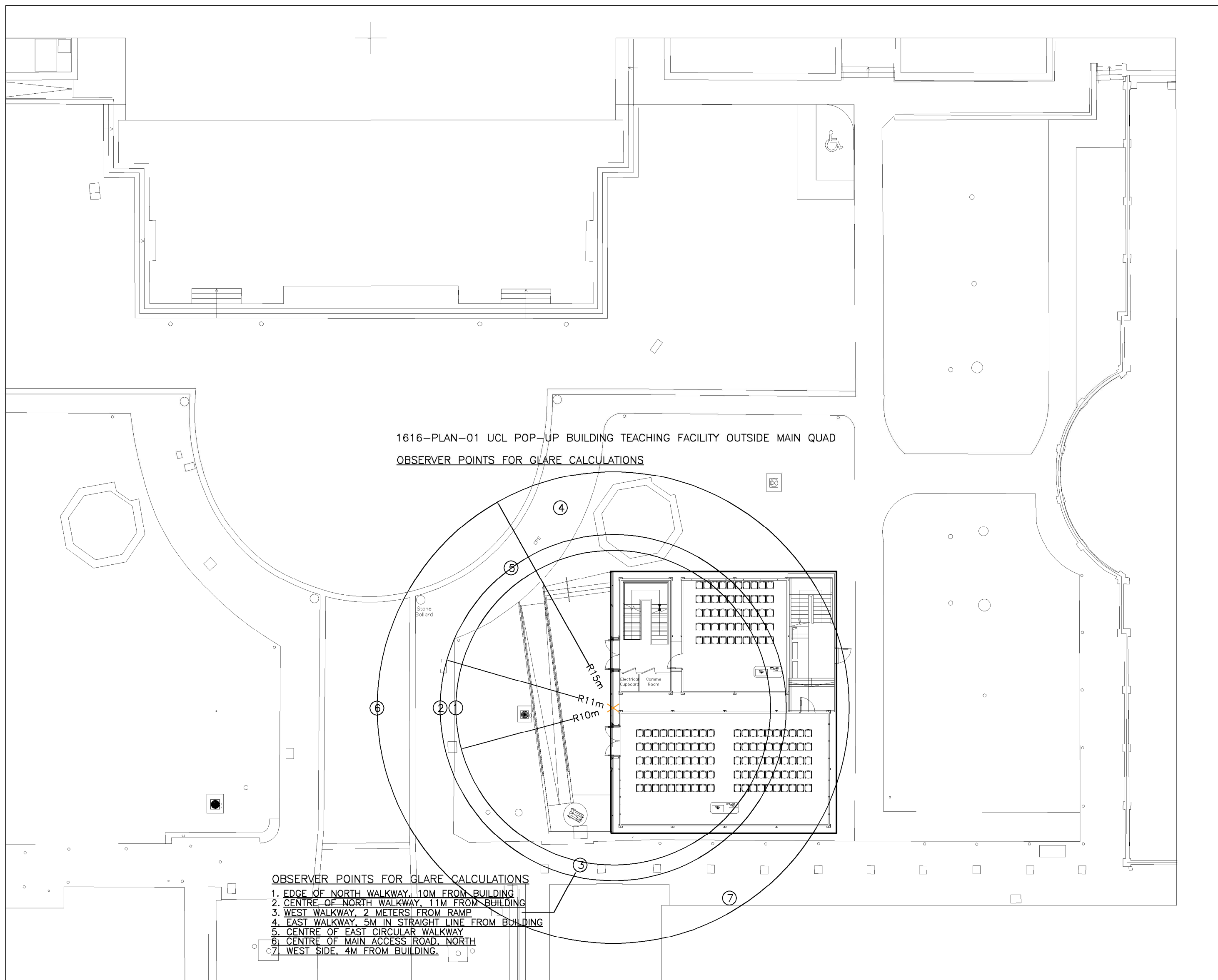
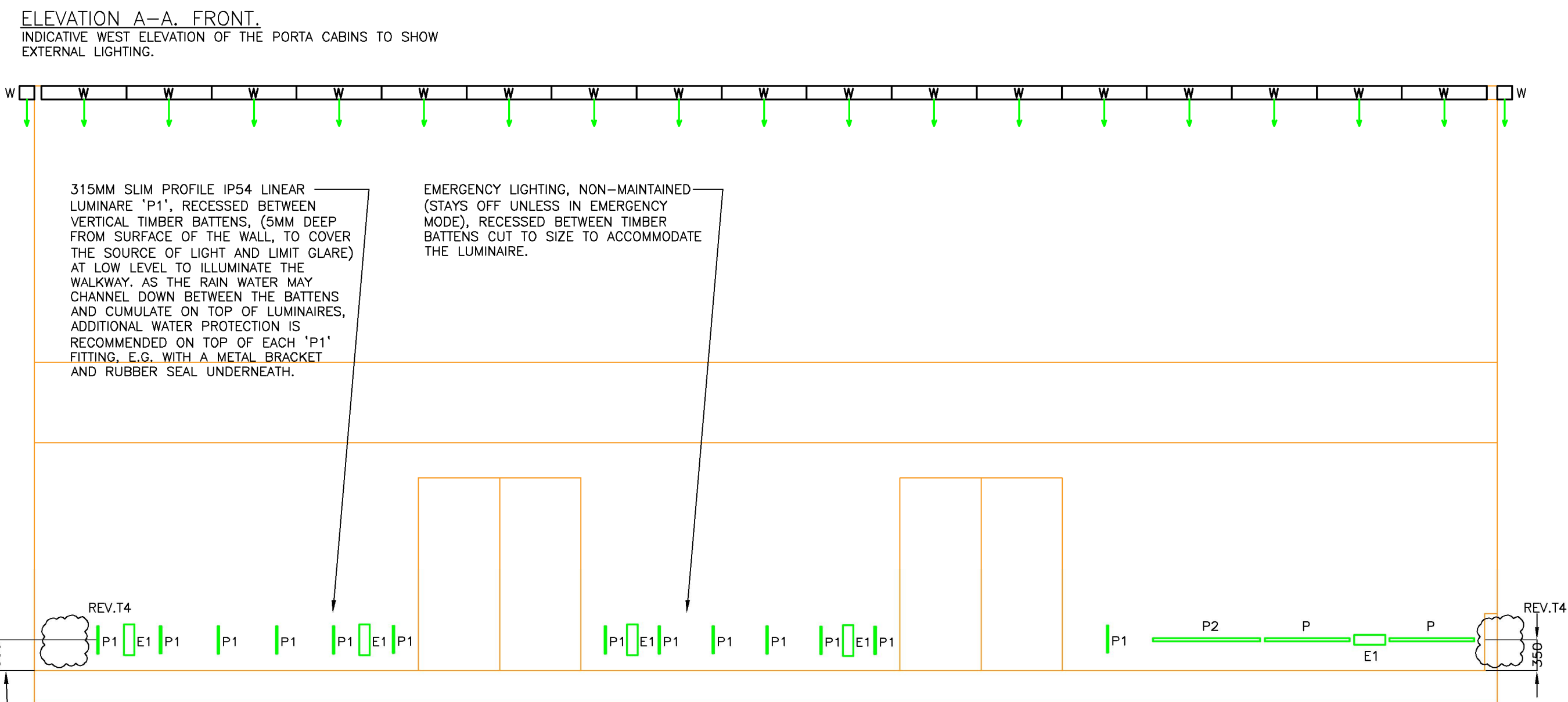


LIGHTING ZONE 3 ARE EVEN LUMINAIRES ON NORTH AND EAST ELEVATIONS.
LIGHTING ZONE 4 ARE ODD LUMINAIRES ON NORTH AND EAST ELEVATIONS.



LIGHTING ZONE 5 ARE EVEN LUMINAIRES ON SOUTH AND WEST ELEVATIONS.
LIGHTING ZONE 6 ARE ODD LUMINAIRES ON SOUTH AND WEST ELEVATIONS.

REF.	MANUFACTURER / PRODUCT	LUMINAIRE	USE
P	XAL	"MINKO 20" IP54. ULTRA LOW-PROFILE LINEAR LUMINAIRE, SURFACE MOUNTED, MADE OF EXTRUDED ALUMINIUM SURFACE WITH NATURAL ANODISED ALUMINIUM FINISH. LED CIRCUIT BOARD INSERTED IN PHOSPHORESCENTLY LUMINESCENT COVER IN SATINATED PMMA. CLOSED COVER WITH BONDED SEALED END CAPS MADE OF SATINATED PMMA. 3000K, WHITE LED (COLOURS AMBER, RED, GREEN, AND BLUE AVAILABLE). CRI > 80. PC IC LUMINAIRE WITH PRE-ASSEMBLED 300MM CONNECTION CABLE AND HVX CONNECTOR. 918mm L x 18mm H x 41mm D, 3, 5, 8, 10, 13W LED, NON DIM, AVAILABLE (CONTRACTOR TO SELECT WATTAGE TO MEET LIGHTING LUX REQUIREMENTS AND SIZE TO MATCH DESIGN OF TIMBER BATTENS). XAL 856-11436160 MINKO 20 IP54 I LED 840 H 918MM	EXTERNAL RAMP AND WALKWAY LUMINAIRE INTEGRATED IN HARDWOOD TIMBER BATTEN WALL WITH REPLACING A SECTION OF TIMBER PLANK.
P1	XAL	AS P BUT 314MM LONG.	AS P
P2	XAL	AS P BUT 1220MM LONG. XAL 856-11446160 MINKO 20 IP54 I LED 840 H 1220MM	AS P
W	EDWARD RAY INTERNATIONAL LTD	"WALL WASHER" IP65, INBUILT STAND-ALONE PROGRAMMES, SOUND TO LIGHT MODE, CONTROL AUTO, DMX512 CONTROL, ANTI-GLARE SCREEN (BARN DOOR) PRODUCT CODE ERWW/24/81/65, 81W, LEDS 27 X 3W, W988 MM H152 MM D: 129 MM, 100 ~ 240VAC, BEAM ANGLE 22° / 45° (CONTRACTOR TO SELECT FOLLOWING LIGHTING CALCULATIONS), CRI 4000K (PROPOSED BRIGHT WHITE). CONTRACTOR TO PRICE FOR RGB, COLOUR CHANGING VERSION, FINISH SILVER LED. FIXING DETAILS TO BE AGREED WITH ARCHITECT, THE LIGHT CHANNEL COULD BE ATTACHED ONTO THE TUBULAR STEEL SCAFFOLD USING A THREADED PIPE COLLAR.	EXTERNAL WALL WASHER, MOUNTED ON TOP OF THE BUILDING.
E1	THORLUX	"MINIP" WALL BULKHEAD RECTANGULAR LUMINAIRE, IP 65, WHITE BODY, H:355 X W:120 X D:78MM, LED, WITH 3HRS BATTERY, NON MAINTAINED.	EXTERNAL MAINTAINED EMERGENCY LIGHTING
E2	THORLUX	PASSLIGHT IP65 WALL MOUNTED EXTERNAL LUMINAIRE, AS EXISTING, DIE CAST ALUMINIUM BODY, BLACK, WITH POLYCARBONATE COVER, NO UPWARD LIGHT, 24W LED, 2335 LUMEN, OR EQUAL AND APPROVED TO BE SUPPLIED AS MAINTAINED EMERGENCY LIGHTING PL14897L.	EXTERNAL MAINTAINED EMERGENCY LIGHTING



SITE PLAN, SCALE 1:200