

HALO FIRE MIST DESIGN

OFFICE

Client:
Fire Safety, London

Project Address:
Douglas, Ard Na Si, Banteer, Cork, Ireland

Occupancy Type:
Domestic

Number of Pumps: 1
Location: Plant Area
POWER 2.5kW | Supply: Single Phase 230V | WEIGHT 28KG

Protection: **C16** MCB | Cable: FP200 1.5mm
Working Pressure: 100BAR
WET PIPE DESIGN

Number of Spray Heads: 9
Most Remote: Living (9)
Most Favourable: Hallway (1)

COVERAGE: 16m2 | 4M X 4M
ACTIVATION: Frangible Bulb

Components:

Halo Pump/s	1
Spray Heads	9
Hose (M)	35m
T Piece/Cross	7
End Cap	9
P Clips	70
Priority Demand Valve	1
Double Check	1
Y Strainer	1

Pipe Type: Thermoplastic Hydraulic | Ø 1/4 & 3/8 BSP
Supports: 11mm & 16mm P Clip with Liner | **Spacing:** 500mm

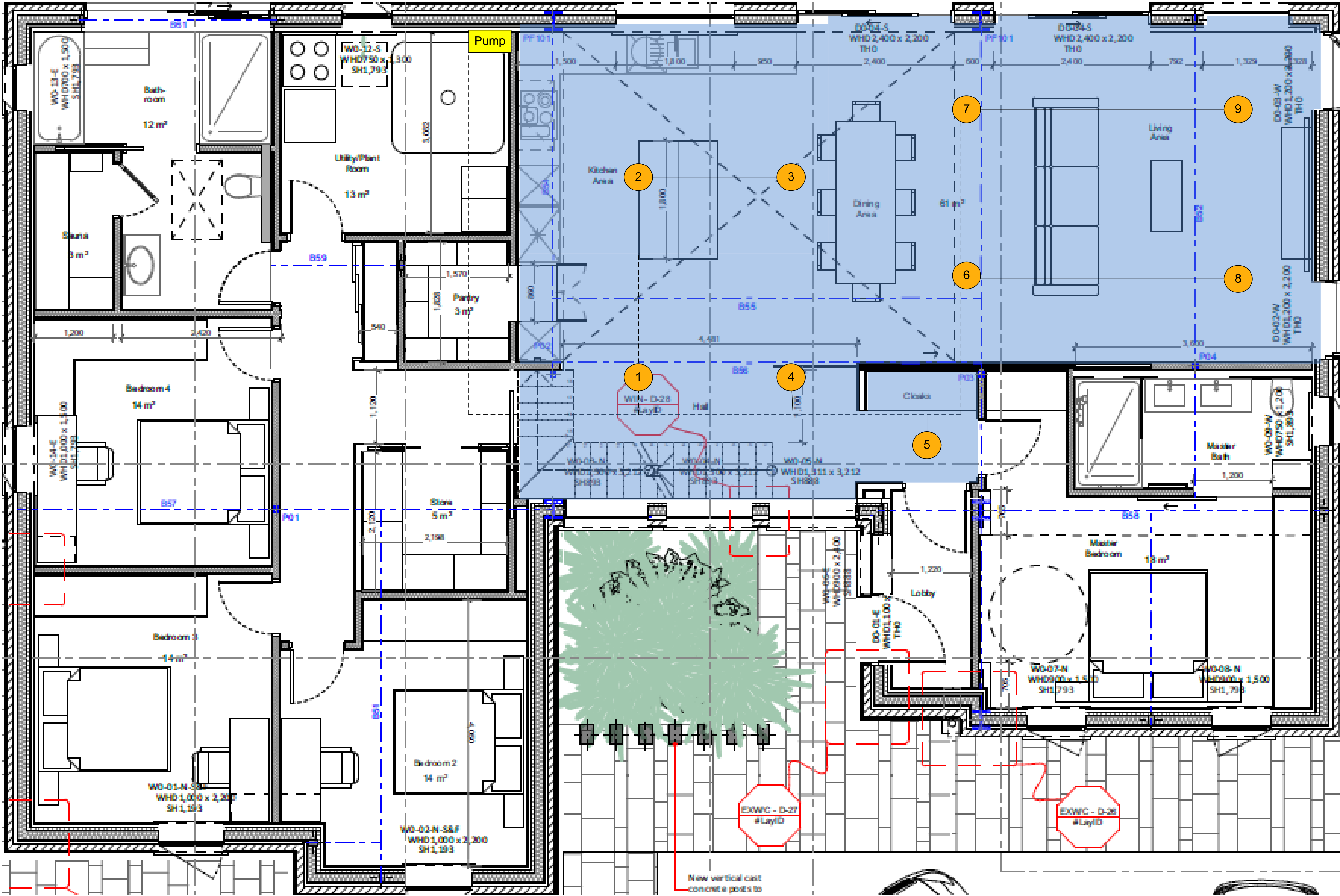
WATER:
Towns Main Connection: DIRECT TOWN SUPPLY
Required Supply Duration: 10 MINUTES | Ø 15mm (Assumed)
FLOW: 12 LTRS (Assumed) | **PRESSURE:** 1BAR (Assumed)
Required Min Flow & Pressure: 11ltrs/m @ 1BAR

LEGEND
— Ø 1/4 PIPEWORK | - - - - Ø 3/8 PIPEWORK
● HALO SPRAY HEAD | **Pump** HALO PUMP
■ SPRAY COVERAGE

PROJECT NUMBER: 23196
TITLE: GROUND FLOOR
DESIGNER: O.M **REVISION NUMBER:** 02
DRAWING NOT TO SCALE



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DRAFT DESIGN

For Approval

DESIGN, INSTALL & COMMISSION AS PER BS8458:2015
DESIGN FOR COMPLIANCE WITH BS9991 SECTION 11.2 - TABLE 2

THE DRAFT DESIGN SHOULD BE APPROVED BY BUILDING CONTROL OR AHJ PRIOR TO WORKS COMMENCING.

THE DESIGN PRODUCED BY QUENCHFIRE LTD FORMS PART OF THE OVERALL FIRE STRATEGY FOR THE PROPERTY AS A WHOLE AND THEREFORE ADDITIONAL MEASURES MAY BE REQUIRED (FIRE DETECTION & FIRE DOORS ETC)

TEST REF NO. 103857.001 (FIRE PROTECTION ASSOCIATION)

SURVEYOR

PUMP LOCATION IS ASSUMED AND WILL BE DETERMINED ON SITE VISIT.

SPRAY HEAD POSITIONS ARE NOT FINAL AND MAY BE SUBJECT TO CHANGE FOLLOWING A SITE VISIT.

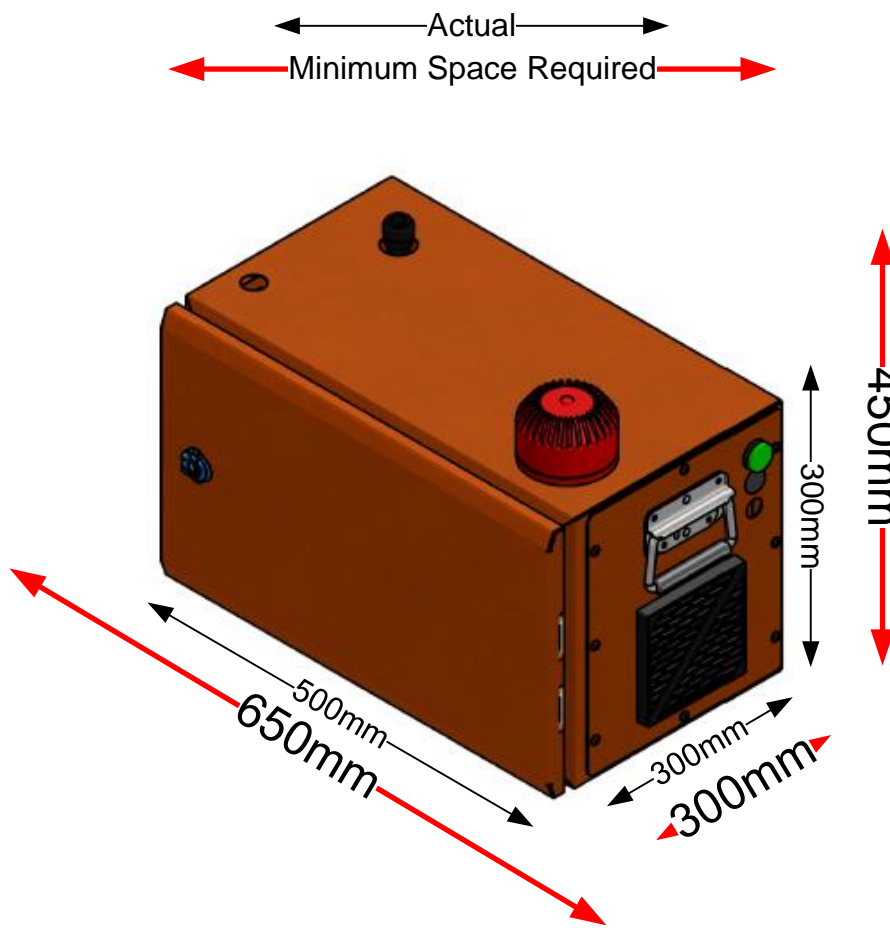
RS/LIGHT FITTINGS/SKYLIGHTS WHICH OBSTRUCT THE PROPOSED PLACEMENT OF THE SPRAY HEADS MAY REQUIRE RELOCATION OF THE HEAD OR ADDITIONAL HEADS TO COMPENSATE.

COMPONENT/EQUIPMENT AMOUNTS ARE ESTIMATED AT THE DESIGN STAGE.

WATER SUPPLY FOR HALO SYSTEM WILL SHARE INCOMING SUPPLY AND A PRIORITY DEMAND VALVE WILL BE INSTALLED (SUPPLIED BY QUENCHFIRE, INSTALLED BY OTHERS).

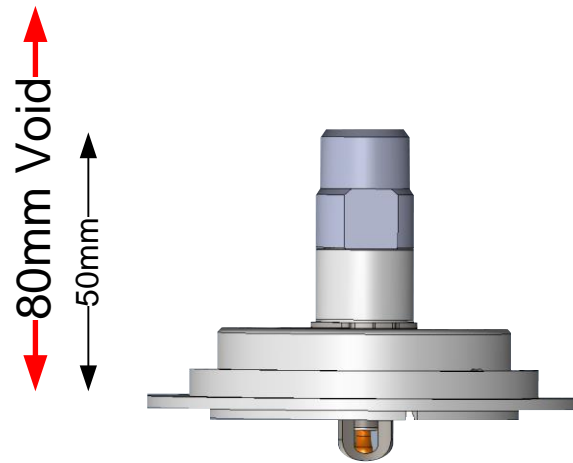
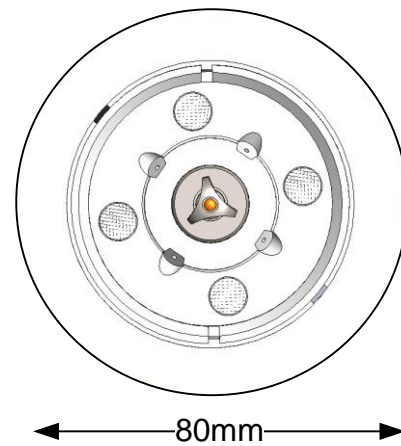
DRAWING SHOULD BE CO-ORDINATED WITH OTHER SERVICES.

PUMP



SPRAY HEADS

Ø OVERALL 80MM | Ø CUT OUT FOR HOLE 67MM
Minimum void in ceiling needed is 80mm



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