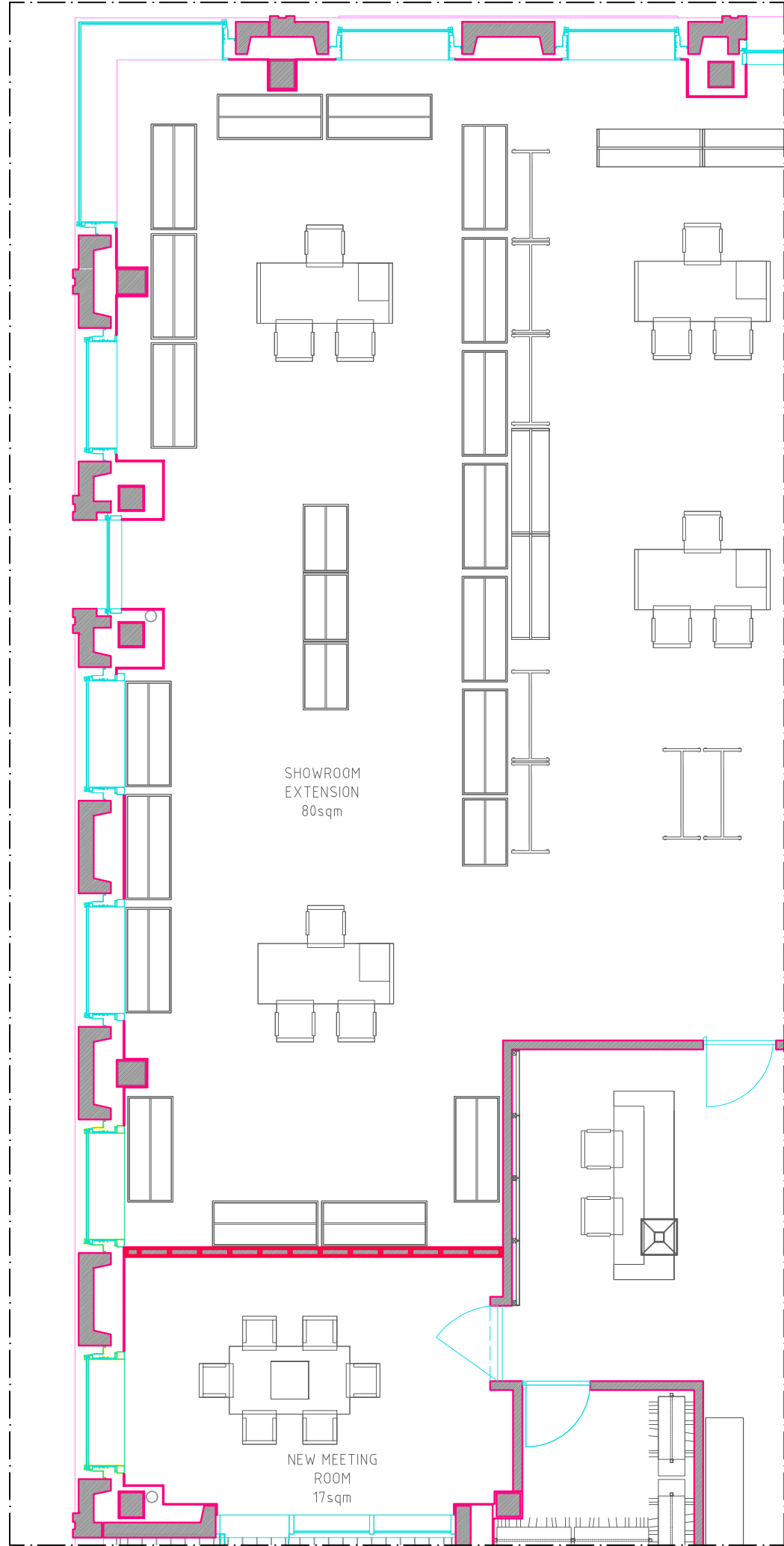
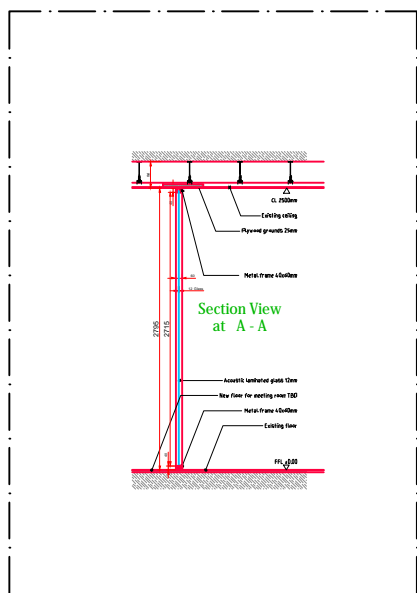


NEW MEETING ROOM



SHOWROOM EXTENSION

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MACDONALD GROUP
 111 MACDONALD
 Units 1-3 Complex Court
 Westbury Park Business Park
 Westbury Park Road
 Edgbaston
 Birmingham
 B15 2TW
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 Fax: 0121 248 0762
 www.macdonaldgroup.co.uk

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REV	DESCRIPTION	DATE



CLIENT
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5, HOWICK PLACE, WESTMINSTER,
LONDON SW1P 1WG

DRAWING TITLE
ZONES
FLOOR PLAN

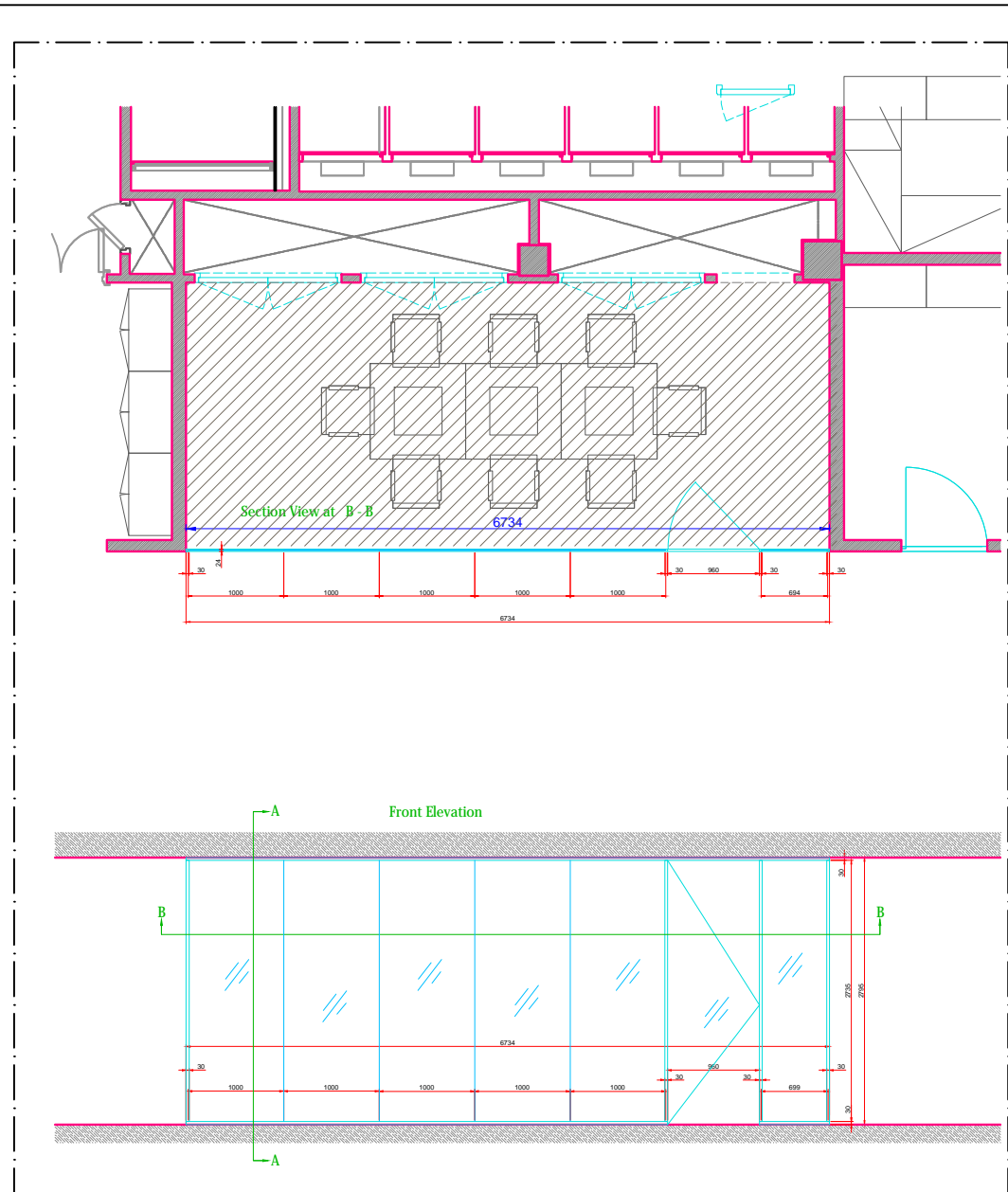
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DATE: 25.11.2019 DRAWN BY: CARLA

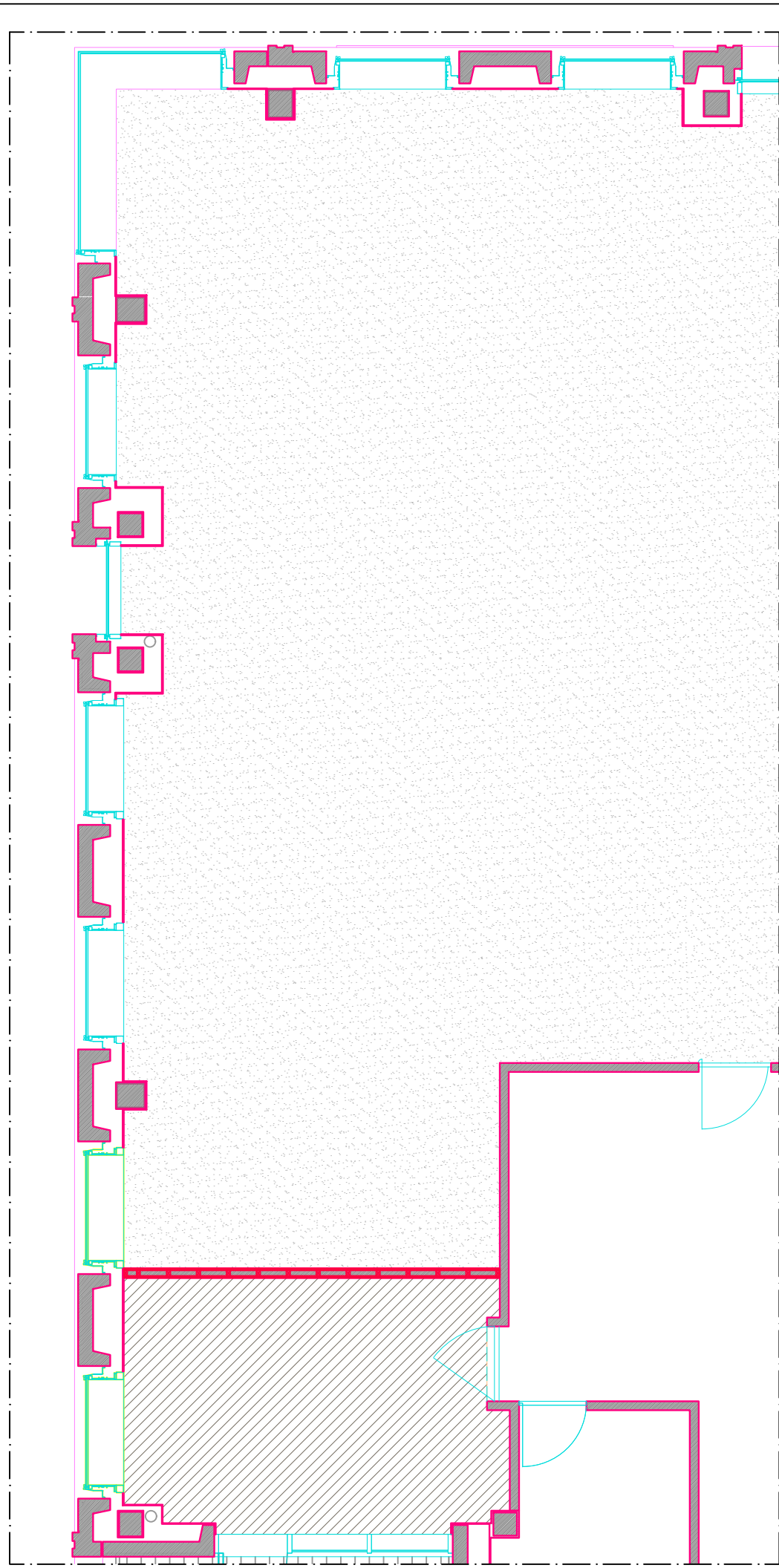
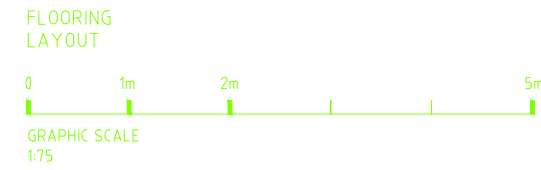
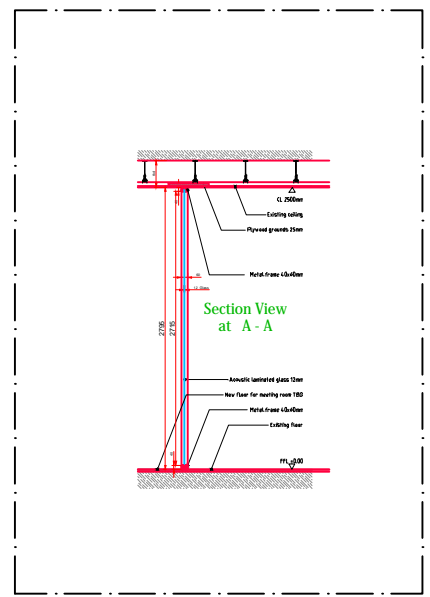
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TD 2511-06

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NEW MEETING ROOM



SHOWROOM EXTENSION

FLOORING LEGEND

-  EXISTING CARPET
-  CARPET TO MATCH EXISTING

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Unit LG.03 - 10 Barley Mow Passage
Chiswick - London W6 4PH

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MACDONALD GROUP
100A 1-3 Congdon Court
Westborough Park Business Park
Westborough Field Road
Middletown
Sharnford
Leicestershire
LE12 7TW
Tel: 01534 248 0757
Fax: 01534 248 0765
www.macdonaldplanning.co.uk

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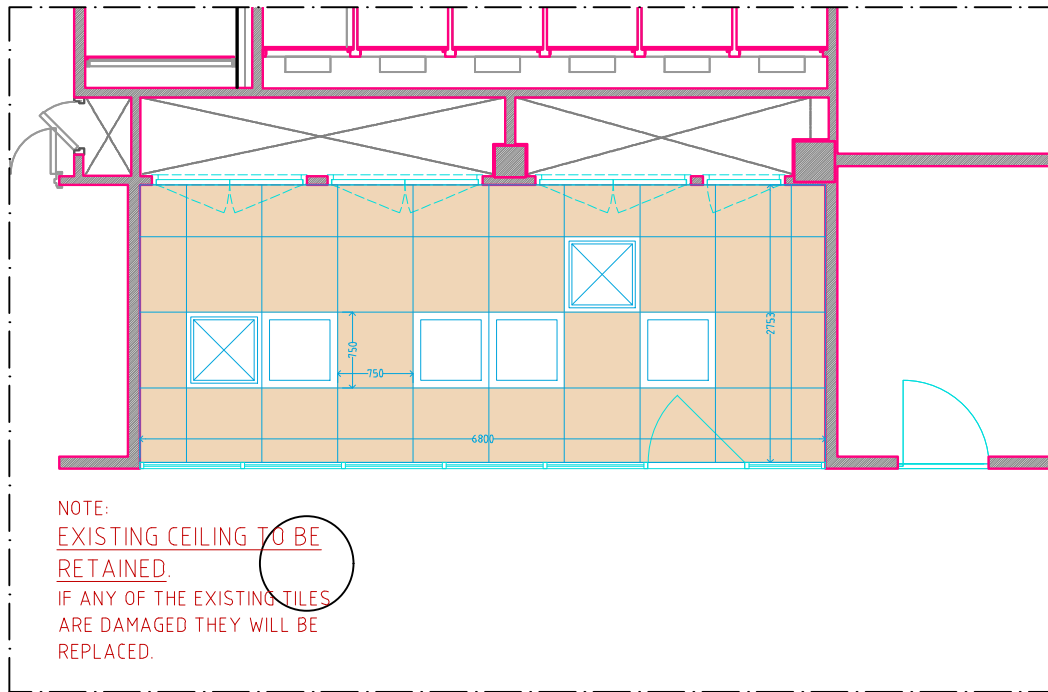
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GA OFFICES
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LONDON SW1P 1WG

DRAWING TITLE
FLOORING
LAYOUT

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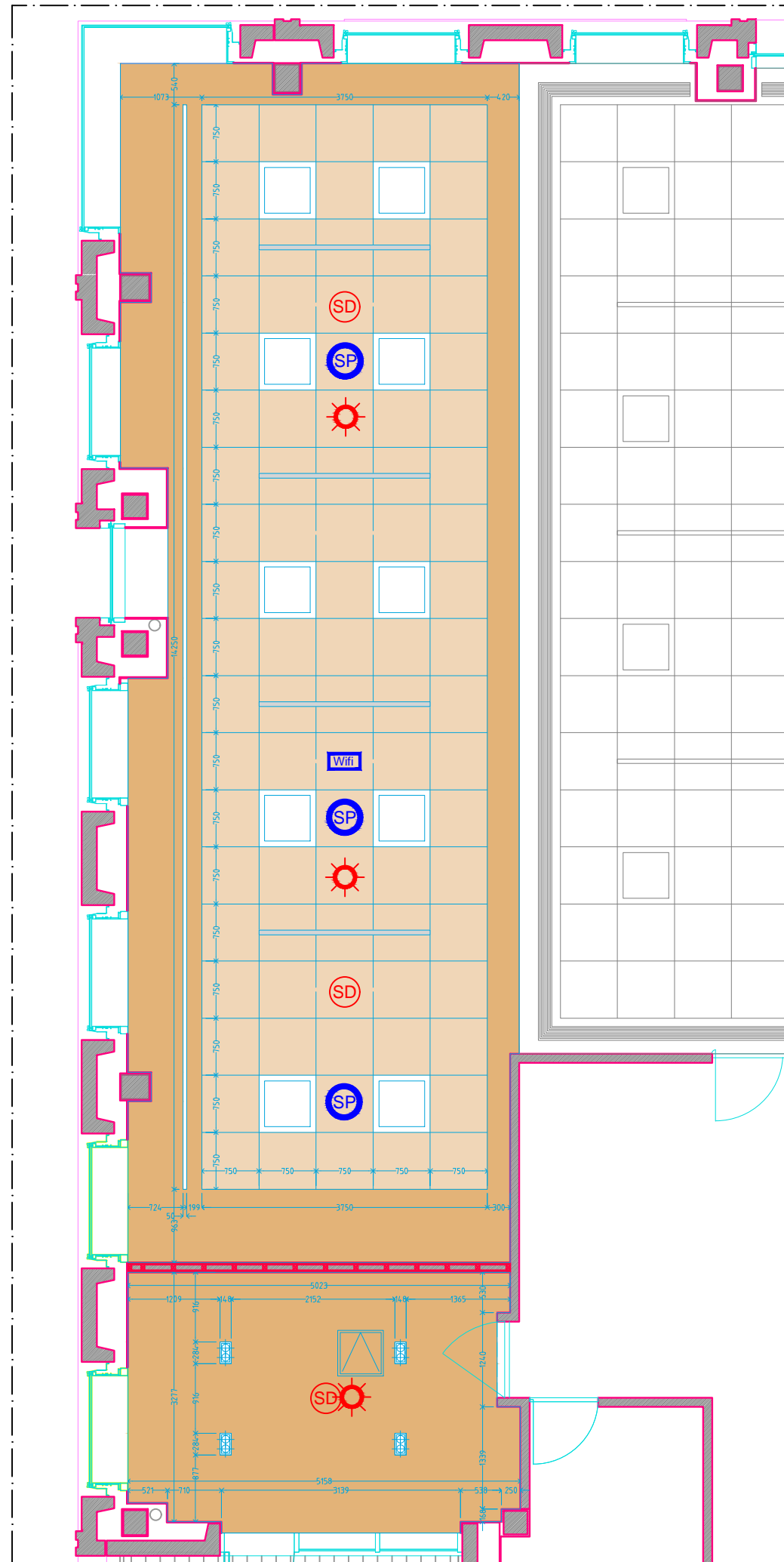
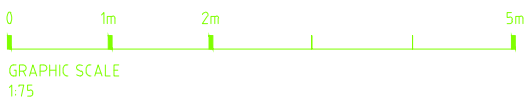
DRAWING NUMBER: TD 2511-10

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-



NEW MEETING ROOM

REFLECTED CEILING PLAN LAYOUT



SHOWROOM EXTENSION

RCP LEGEND

-  CEILING TILES AS EXISTING
-  PLASTERBOARD CEILING (EXISTING TO BE RETAINED AS MUCH AS POSSIBLE)
-  TRACK FOR DOWNLIGHTS AS EXISTING
-  MODULAR LIGHT 750x750mm TO MATCH EXISTING ONES
-  VENTILATION GRILLES
-  EXISTING RECESSED SPOTLIGHTS TO BE REUSED
-  EXISTING VENTILATION SLOT TO BE RETAINED
-  Smoke Detector
-  Fire Alarm Sounder
-  Speaker
-  Wifi
-  ACCESS HATCH 600x600

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 111 MACDONALD
 Unit 1 & 2 Glasgow Court
 Westchase Park Business Park
 Westchase Field Road
 Edinburgh
 EH12 5TW
 Tel: 0144 248 8717
 Fax: 0144 248 8761
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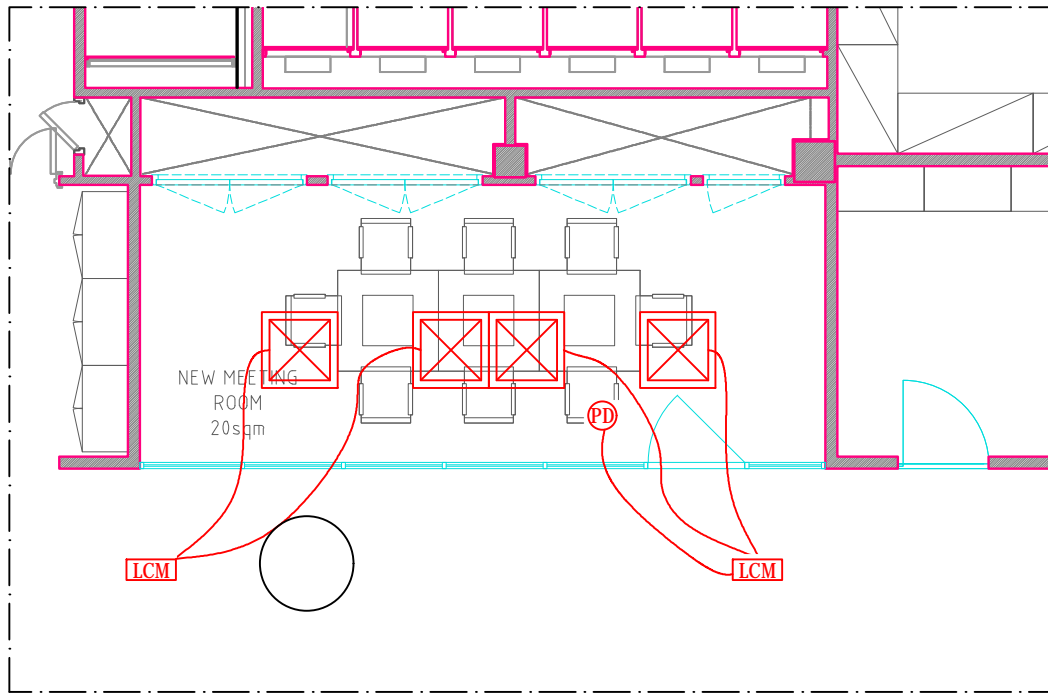
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DRAWING TITLE
REFLECTED CEILING PLAN
LAYOUT

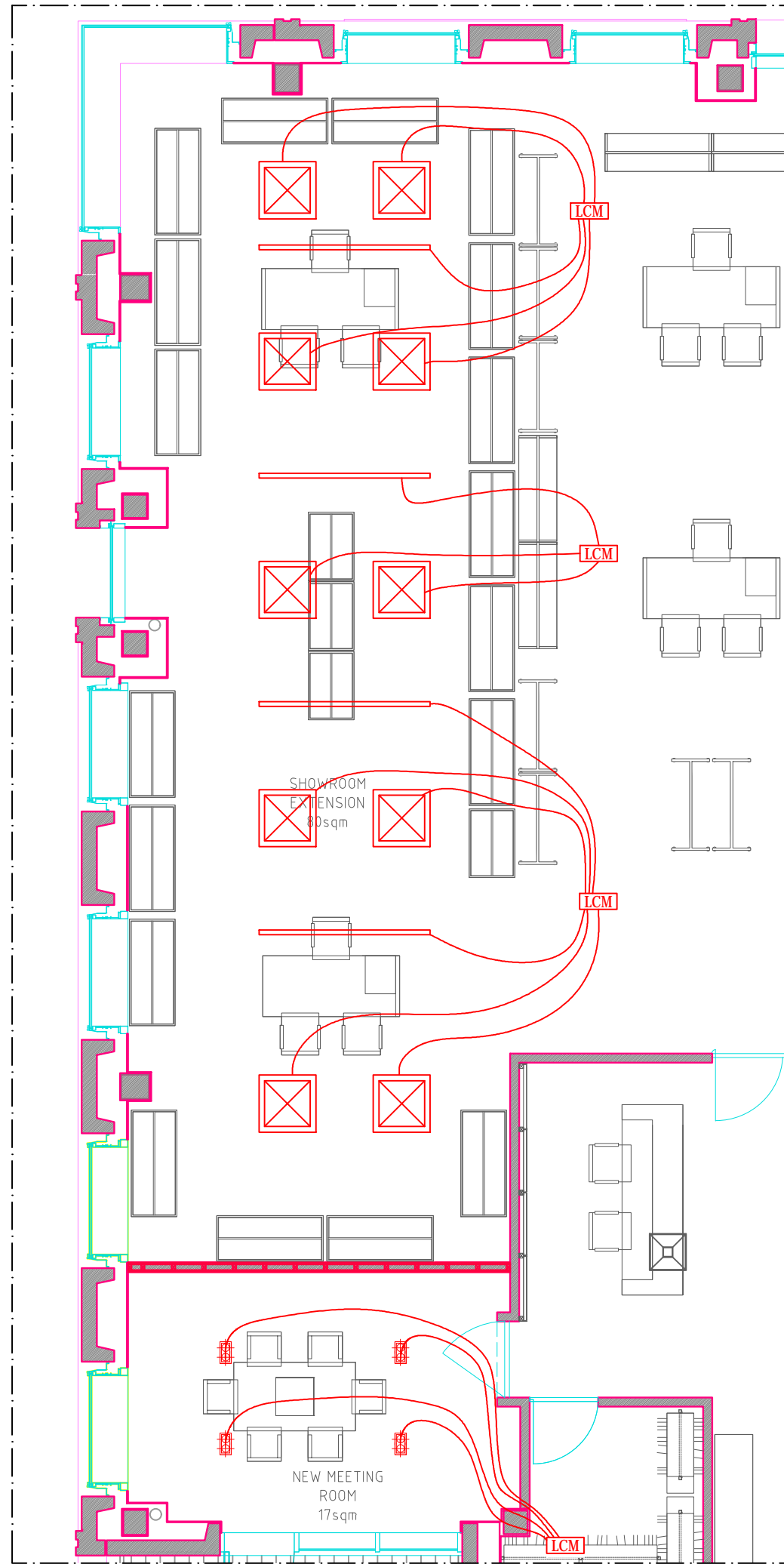
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NEW MEETING ROOM



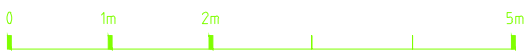
SHOWROOM EXTENSION

LIGHTING LEGEND

- 750x750mm LIGHTING PANELS
- EXISTING RECESSED LIGHTS
- EXISTING LCM UNITS IN CEILING
- EXISTING CIRCUITS
- EXISTING PRESENCE DETECTOR
- TRACK FOR DOWNLIGHTS LIKE THE EXISTING ON SHOWROOM

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LIGHTING LAYOUT



GRAPHIC SCALE 1:75

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Units 1 & 2 Glasgow Court
Westonpark Park Business Park
Westonpark Field Road
Kilmarnock
East Ayrshire
G12 3TW
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Fax: 0154 248 8761
www.macdonaldgroup.co.uk

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DRAWING TITLE
LIGHTING
LAYOUT

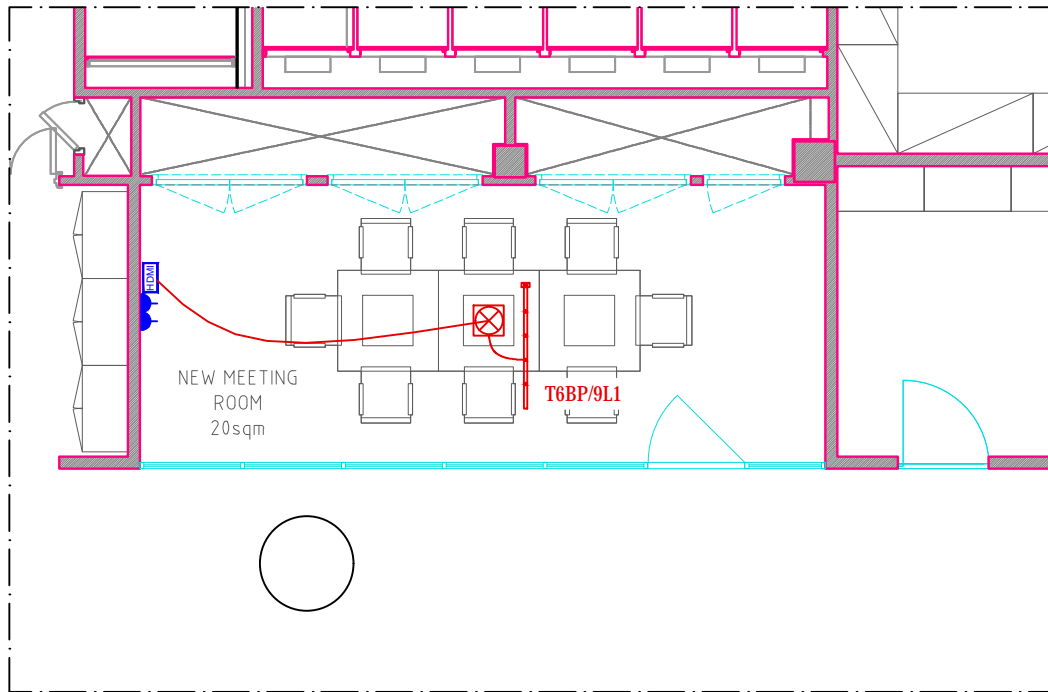
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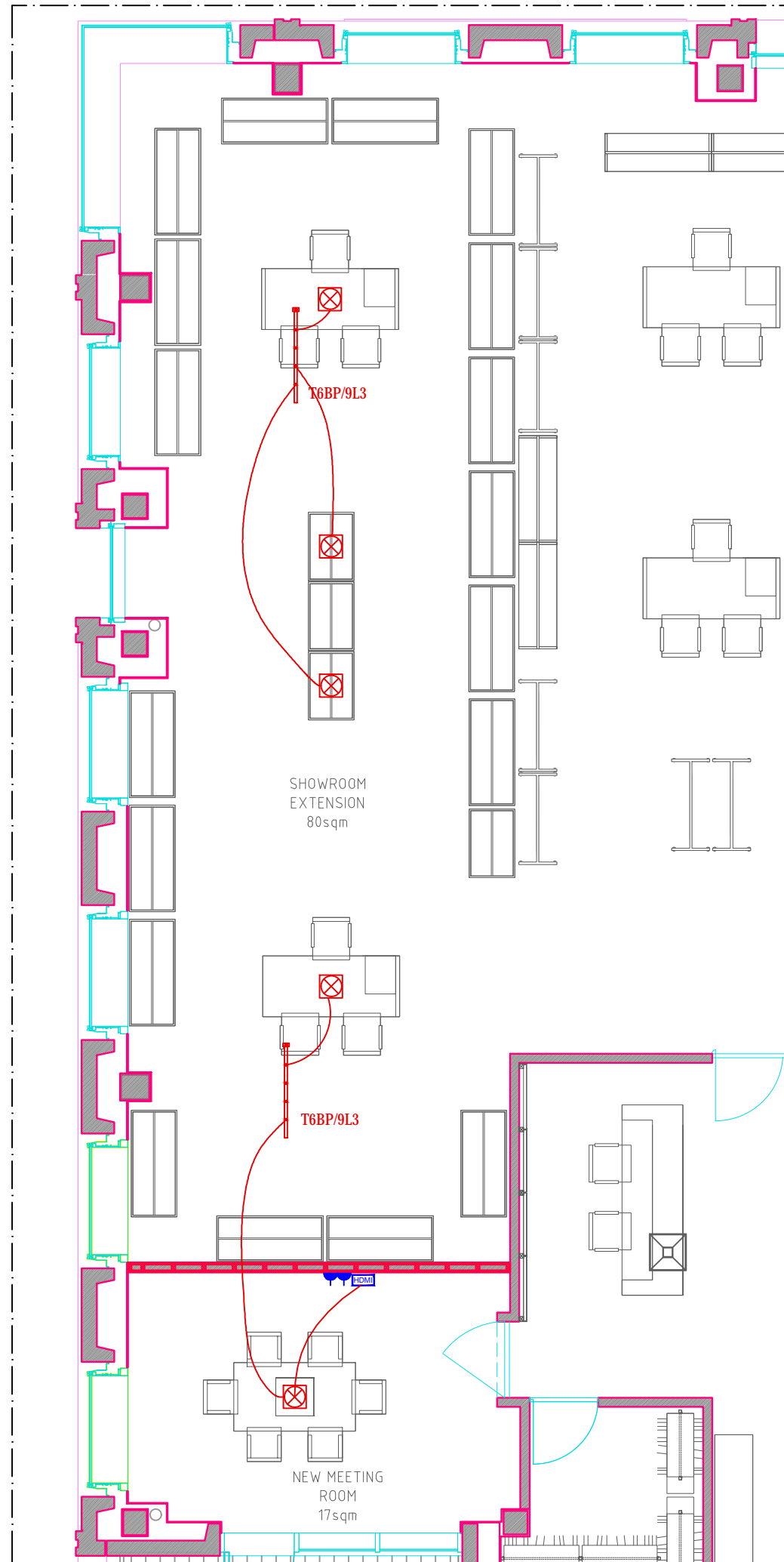
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TD 2511-

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NEW MEETING ROOM



SHOWROOM EXTENSION

POWER & DATA LEGEND

-  EXISTING UNDERFLOOR POWER TRACK 1.2 METERS WITH 4 SOCKET OUTLETS (ELETRAK)
-  FLOOR BOX WITH 2No. TWIN SOCKET OUTLETS AND 2No. DATA OUTLETS
-  EXISTING CIRCUITS

POWER & DATA LAYOUT



GRAPHIC SCALE 1:75

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 Units 1 & 2 Glasgow Court
 Westborough Park Business Park
 Westborough Field Road
 Kilmarnock
 Strathclyde
 G51 3TW
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DRAWING TITLE
POWER & DATA
LAYOUT

SCALE: 1:75 @ A3

DATE: 25.11.2019 DRAWN BY: CARLA

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TD 2511-13

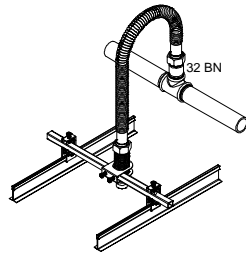
Rev
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NOTE TO CLIENT: – Maximum Storage Height for OHIII Protection

Clear space to be maintained below the deflector of roof and ceiling sprinklers of at least 0.5m for ordinary hazard systems and 1.0m for high hazard.

Storage Category	Maximum Storage Height m in m	
	Free Standing or Block Storage (ST1 – see BSEN 12845: 6.3.2)	Storage Configurations (ST2, ST3, ST4 & ST5 see BSEN 12845: 6.3.2) (2)
Category I	4,0	3,5
Category II	3,0	2,6
Category III	2,1	1,7
Category IV	1,2	1,2

TYPICAL RAPID DROP DETAIL



NOTE
ALL RAPID DROPS ARE 25mm Dia. AND EITHER 780mm OR 1220mm LONG, INSTALLED WITH A MINIMUM BEND RADIUS OF 75mm.
SUITABLE ACCESS MUST BE PROVIDED IN SOLID SUSPENDED CEILING TO ENABLE THIRD-PARTY INSPECTIONS

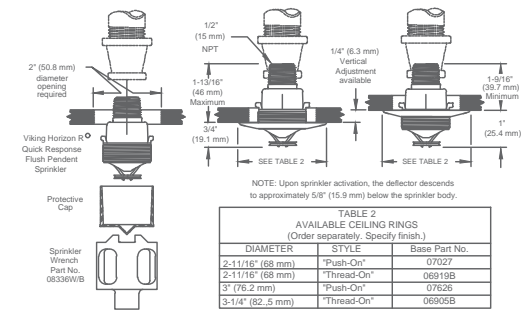
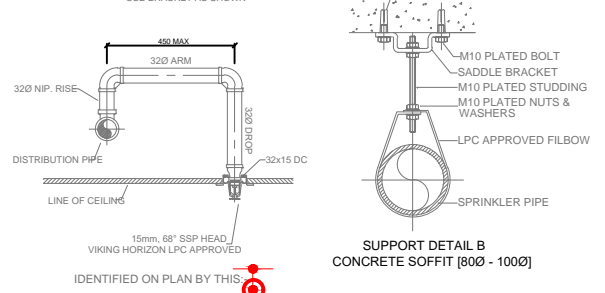


TABLE 2
AVAILABLE CEILING RINGS
(Order separately. Specify finish.)

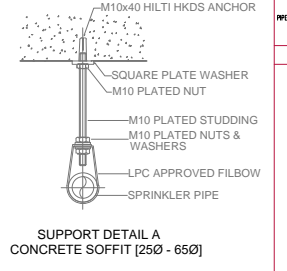
DIAMETER	STYLE	Base Part No.
2-11/16" (68 mm)	"Push-On"	07027
2-11/16" (68 mm)	"Thread-On"	06919B
3" (76.2 mm)	"Push-On"	07626
3-1/4" (82.5 mm)	"Thread-On"	06905B

Figure 1
Viking Quick Response Flush Pendant Sprinkler 06702B (VK402)
Technical data page 53a-d

SOLID ARMPPIPE AND FALSE CEILING HEAD DETAIL
WHERE ARM LENGTH EXCEEDS 450mm
USE BRACKET AS SHOWN



SUPPORT DETAIL B
CONCRETE SOFFIT [800 - 1000]



SUPPORT DETAIL A
CONCRETE SOFFIT [250 - 650]

GENERAL NOTES

THE CONTRACTOR IS TO VERIFY THE POSITION OF EXISTING SPRINKLER HEADS. IF ANY SPRINKLER HEADS ARE FOUND TO BE IN THE WAY OF THE PROPOSED WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF SUCH HEADS AT HIS OWN COST AND RISK.

ALL SPRINKLER HEADS TO BE FITTED WITH THEIR DEFLECTOR PARALLEL TO THE ROOF/CILING. SPRINKLER HEADS MUST BE FITTED WITH MANUFACTURER'S SPRINKLER DEFLECTOR. CLEAR SPACE TO BE MAINTAINED BELOW THE DEFLECTOR OF THE ROOF & CEILING SPRINKLER OF AT LEAST 0.5m FOR ORDINARY HAZARD SYSTEMS AND 1.0m FOR HIGH HAZARD PROTECTION.

TECHNICAL SPECIFICATIONS WILL NOT BE ACCEPTED FOR DAMAGE CAUSED BY THESE. CLIENTS SHOULD MAKE SURE THE PROVISIONS OF THE CONTRACT ARE FULLY COMPLIED WITH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY MATERIALS AND LABOUR TO COMPLETE THE WORK.

ALL MATERIALS MUST BE KEPT UNDER COVER AND PROTECTED FROM WEATHER AND VANDALISM. ALL MATERIALS MUST BE KEPT UNDER COVER AND PROTECTED FROM WEATHER AND VANDALISM.

LEGEND

- NEW PIPEWORK
- EXISTING PIPEWORK
- SPRINKLER HEAD IN UPRIGHT POSITION
- SPRINKLER HEAD IN PENDENT POSITION
- SPRINKLER HEAD ON DC RISE OR DROP
- SIDEWALL SPRINKLER HEAD
- DRY PENDENT HEAD
- VOID SPRINKLER DIRECTLY ABOVE PENDENT HEAD
- SPRINKLER HEAD UNDER DUCT/OBSTRUCTION
- HIGH TEAR CEILING PENDANT SPRINKLER HEAD
- EXISTING CEILING PENDANT SPRINKLER HEAD
- RELOCATED CEILING PENDANT SPRINKLER HEAD
- PLUGGED EXISTING CEILING SPRINKLER HEAD
- EXISTING UPRIGHT SPRINKLER HEAD
- MULTIPLE JET CONTROL
- DIRECTION OF SLOPE ON PIPEWORK
- PLUG
- CENTRE LINE OF PIPE UNDER SOFFIT
- CENTRE LINE OF PIPE AFFL (OR AS STATED ON DRG.)
- DRAIN/TEST/FLUSHING VALVE & SIZE
- SYSTEM DESIGN POINT & REFERENCE LETTER
- GROOVED COUPLING
- RISE OR DROP AS NOTED
- GROOVED REDUCER
- UNION
- PIPE SUPPORT (POSITION & TYPE)
- ZONECHECK

WEIGHT LOADINGS FOR MEDIUM WEIGHT PIPEWORK & MAXIMUM SPACING BETWEEN BRACKET LOCATIONS (BS EN 12845 - 17.2)

NOMINAL DIAMETER	OUTSIDE DIAMETER	WEIGHT PER METRE IN KG (EMPT)	WEIGHT PER METRE IN KG (FULL)	BRACKET LOCATION
33mm	33mm	1.2	1.2	4m MAXIMUM
38mm	42.4mm	1.7	1.7	4m MAXIMUM
42mm	46.5mm	2.1	2.1	4m MAXIMUM
50mm	60.3mm	3.1	3.1	4m MAXIMUM
57mm	76.1mm	4.1	4.1	4m MAXIMUM
63mm	88.9mm	5.5	5.5	4m MAXIMUM
75mm	114.3mm	8.5	8.5	4m MAXIMUM
89mm	141.3mm	12.7	12.7	4m MAXIMUM
100mm	165.1mm	18.2	18.2	4m MAXIMUM
125mm	219.1mm	30.2	30.2	4m MAXIMUM

DESIGN PARAMETERS FOR PIPE SUPPORTS (BS EN 12845 TABLE 40)

NOMINAL PIPE DIAMETER (mm)	MINIMUM LOAD CAPACITY (kN)	MINIMUM CROSS SECTION	MINIMUM LENGTH OF ANCHOR BOLT
25	200 kg	30mm ² (A5)	30mm
32	400 kg	60mm ² (A5)	40mm
40	800 kg	120mm ² (A5)	40mm
50	1600 kg	240mm ² (A5)	50mm

DESIGN DATA

INSTALLATION STANDARD: LPC Sprinkler Rules (BS EN 12845)

HAZARD CLASSIFICATION: OH3

BUILDING OCCUPANCY: OFFICE

INSTALLATION No., SIZE & TYPE: No.1 / 150P WET

DESIGN DENSITY: 50mm/min

AREA OF OPERATION: 216m²

ANNEX E: TBC

PIPE SIZING: PRE-CALCULATED (TABLES 30 & 31)

INSTALLATION: ZONED

ZONED INSTALLATION: (FLOOR ZONE)

ZONED FLOOR AREA PROTECTED: 2400m²

TYPE OF WATER SUPPLIES: EXISTING

EXTERNAL WALLS: COMBUSTIBLE / NON-COMBUSTIBLE

MATERIAL/TUBE SPECIFICATION

TUBE SPECIFICATION: Medium Quality Black (BSEN10225)

FITTING SPECIFICATION: M(BSEN10242) Welded (BSEN13480)

TUBE SPECIFICATION: One Coat Red Primer

SPRINKLER SCHEDULE

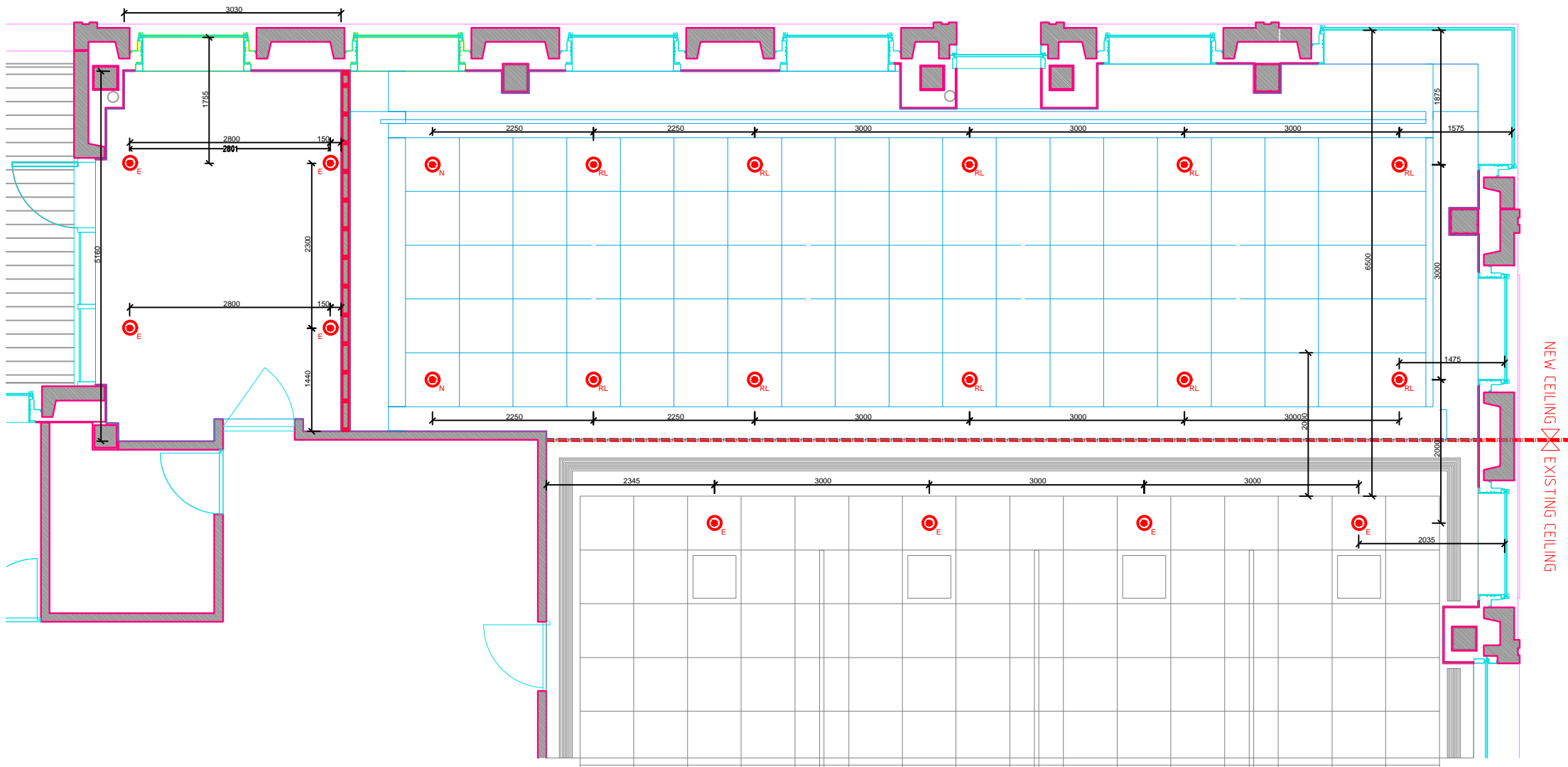
LOCATION	AREA	CON	SIZE	MAKE/MODEL/TYPE	TEMP.	FINISH	QTY
CEILING	12m ²	NFP	150	VIKING VK402 HORIZON SSP (PENDANT)	74C	WHITE	12

DRAWING/DOCUMENT REFERENCE

ORIGINATOR	DRAWING/DOCUMENT NUMBER	REVISION
VALOR ARCH.	RCP - TD 2511-11	

DRAWING REVISION

Rev	Date	By	Description	Chk
01	05/03/20	PL	ISSUED FOR APPROVAL	NB



SPRINKLER HEAD LAYOUT - SHOWROOM EXTENSION
(1:40)

As Built

MACDONALD GROUP
Units 1-3 Command Court
Westborough Field Road
Widborough
Stafford
ST17 7TW
Tel: 0184 248 0727
Fax: 0184 248 0761
www.macdonaldgroup.co.uk

As Built

AS FITTED

tfs
The Command House
Poot Lane
Upchurch
Sittingbourne
Kent
ME9 7HL

National Callout
0845 467 9380

Client
GIORGIO ARMANI

Title
GIORGIO ARMANI – LEVEL 6
5 HOWICK PLACE
LONDON, WC1A 2S

Title
SPRINKLER FIT OUT
MODIFICATIONS AND HEAD LAYOUT

Drawn by
PL Date
05/03/2020

Checked by
NB Date
05/03/2020

Quotation Number
QU012276 Job Number
TBC

Scale:-
1:75 @ A3

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TFS-GIO-SPK-001

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01