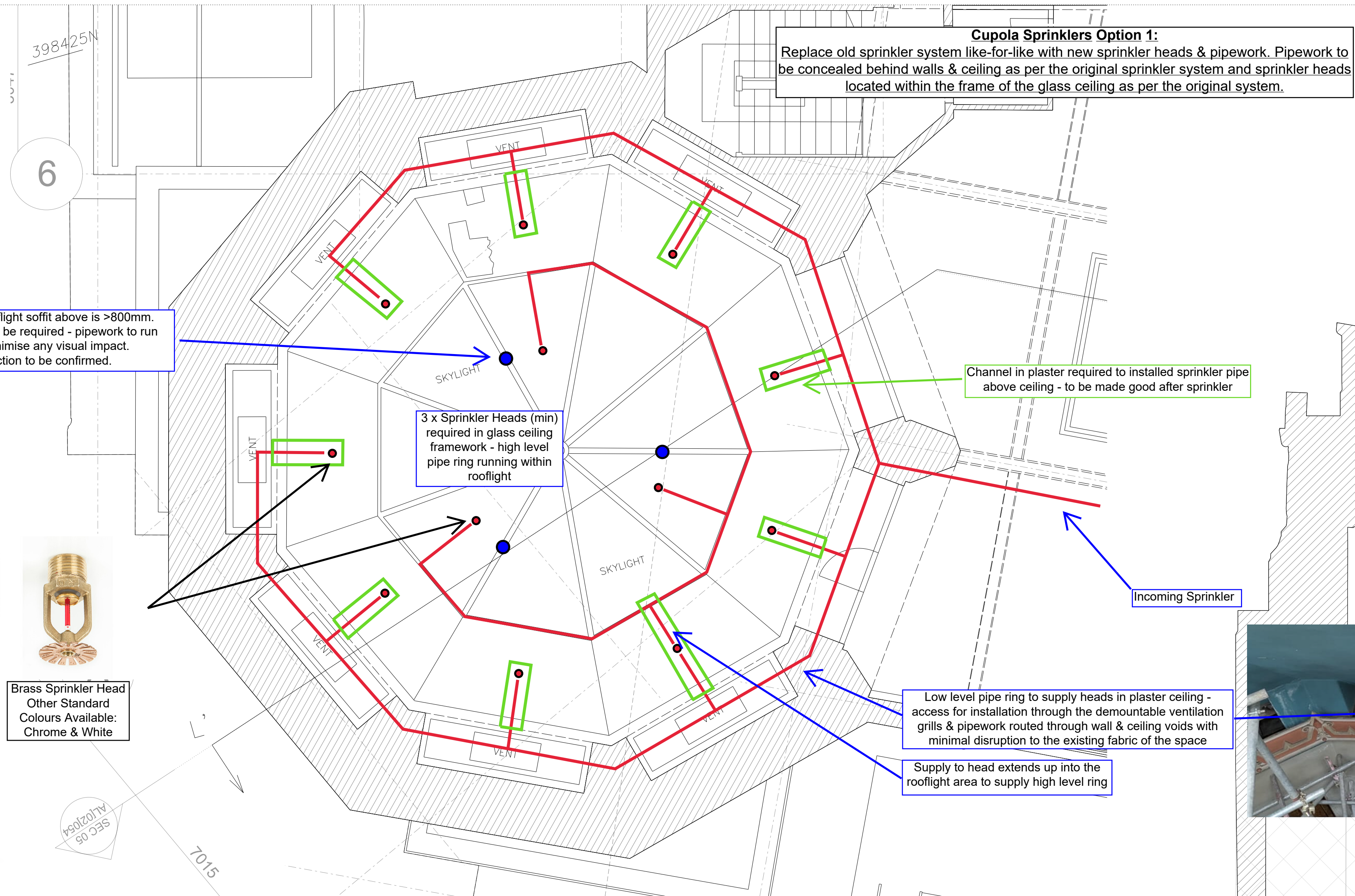
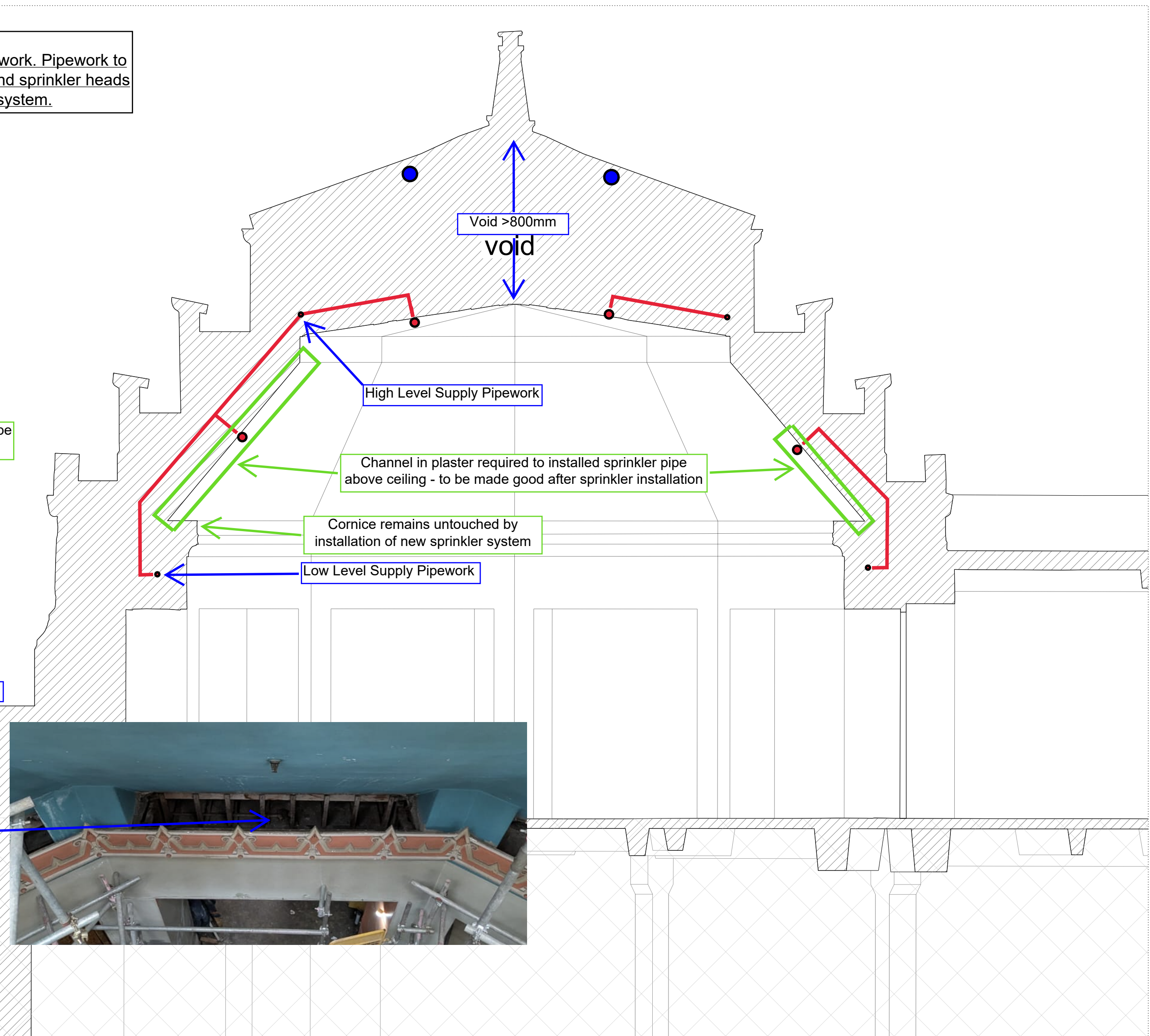




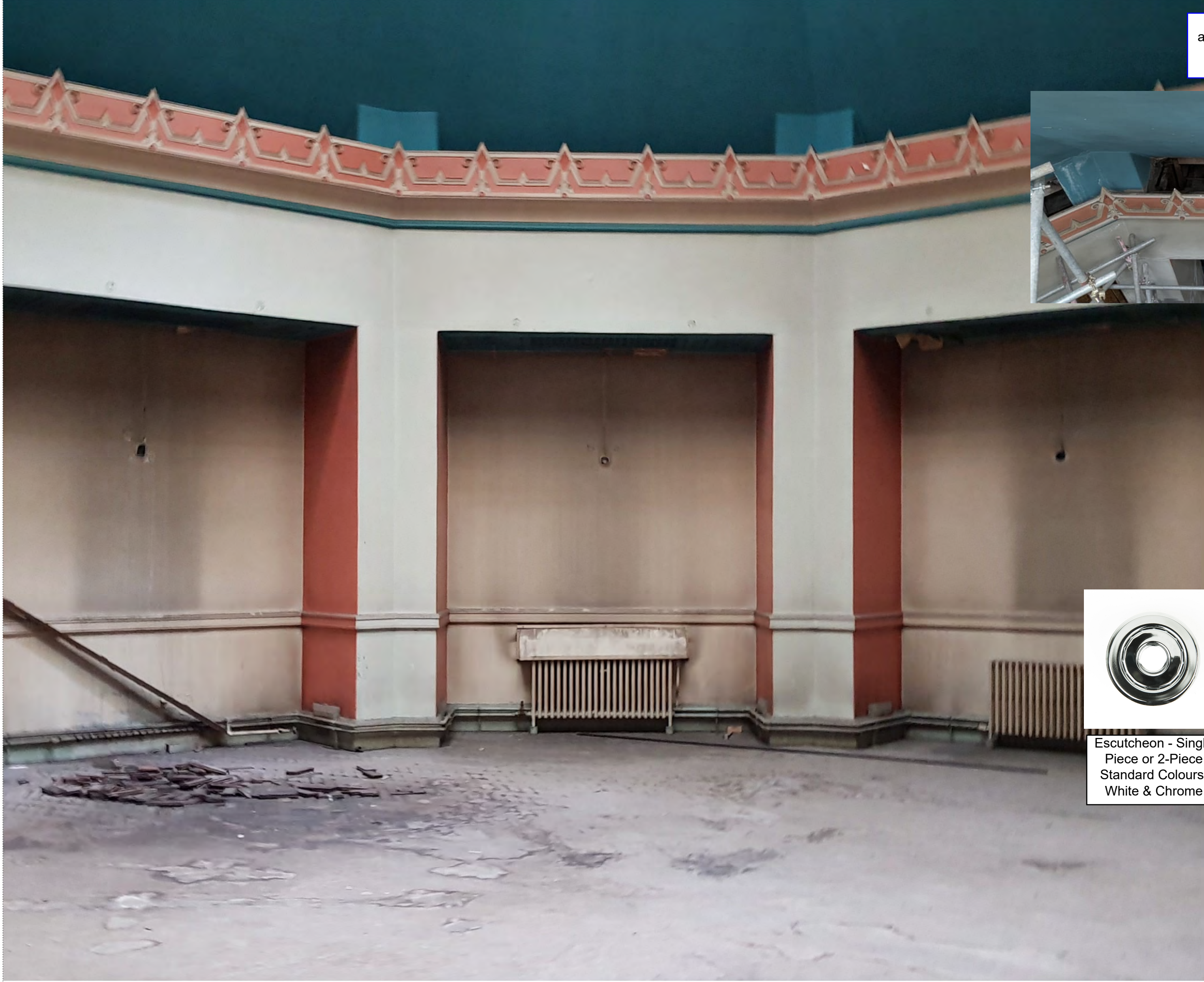
WEST CUPOLA



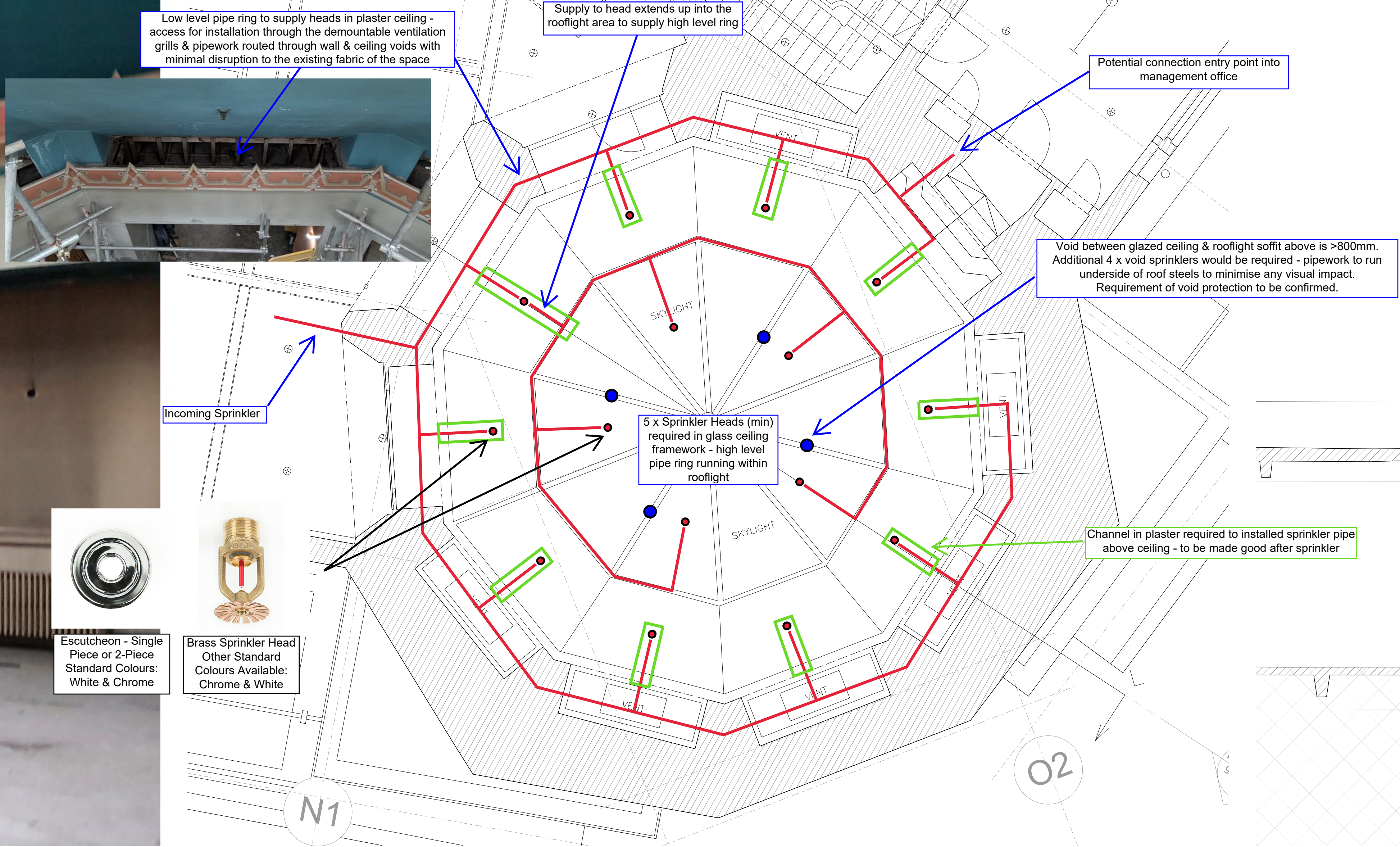
WEST CUPOLA PLAN



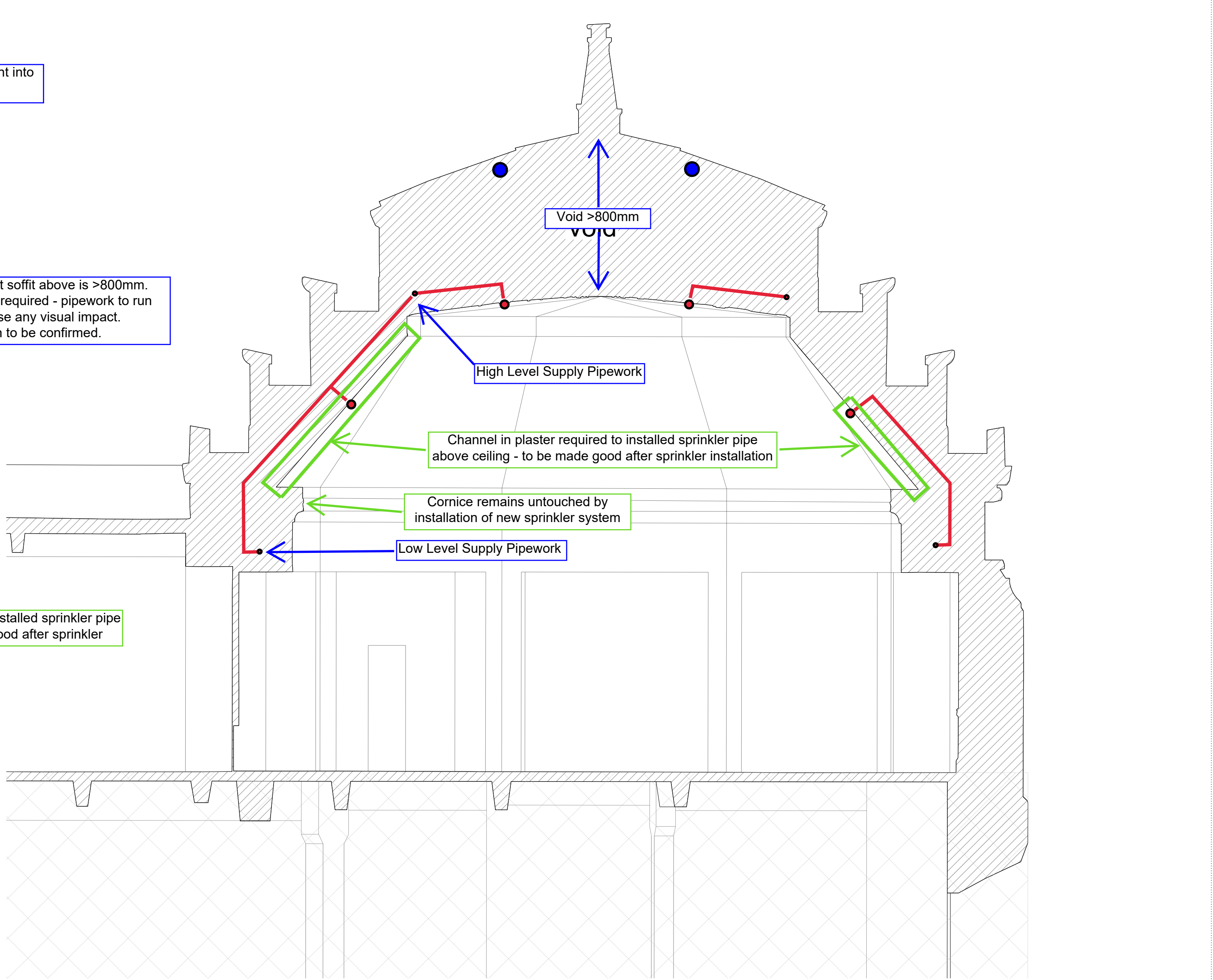
WEST CUPOLA SECTION



EAST CUPOLA



WEST CUPOLA PLAN



EAST CUPOLA SECTION

Cupola Sprinklers Option 1:
Replace old sprinkler system like-for-like with new sprinkler heads & pipework. Pipework to be concealed behind walls & ceiling as per the original sprinkler system and sprinkler heads located within the frame of the glass ceiling as per the original system.

GENERAL - Updates required to accord with updated Demolition & Encasement Removals AL(03)Series, and General Arrangement AL(04)Series.

NOTE: NO PASSIVE SURFACE FIRE
PROTECTION MEASURES REQUIRED
AT THIS LEVEL AS ROOF ONLY
-CONFIRMED BY IDF FIRE REPORT
COMMENTS EMAIL DATED 07.12.2023

KEY - LEVEL 07 & 07 CUPOLA

APPROX BEAM LENGTHS & FIRE-PROTECTIVE TREATMENT

EXISTING PRIMARY BEAMS - **0M** SEE FRAS SECT 8 & ADDENDUM UPDATES.
DOTTED LINE COLOUR AS BELOW - ENSURE PROTECTION TO BEAM-TOP ALSO

EXISTING PERIMETER BEAMS - **0M**
BOARDED (2 SIDES) FOR REINFO FIRE PROTECTION - SOLUTION TYPE 01

EXISTING SECONDARY BEAMS - **0M**
BOARDED (2 SIDES) FOR REINFO FIRE PROTECTION - SOLUTION TYPE 01

EXISTING TERRACE BEAMS - **0M**
BOARDED (2 SIDES) FOR REINFO FIRE PROTECTION - SOLUTION TYPE 06

EXISTING PERIMETER BEAMS - **0M**
BOARDED (2 SIDES) FOR CROSS PURPOSES

EXISTING TERRACE BEAMS ON CROSSING COMPARTMENTS - **0M**
BOARDED (2 SIDES) FOR REINFO FIRE PROTECTION - SOLUTION TYPE 01

EXISTING BEAMS RETROFITTED FOR SUPPORT OF NEW FLOORS ONE SIDE TO EXISTING BEAM - **0M**
BOARDED (2 SIDES) FOR REINFO FIRE PROTECTION TO MATCH EXGTG BEAMS

- EXISTING BEAMS FORMING PERIMETER TO ATRIUM - **0M**
- NEW EXPOSED CONCRETE ENCASEMENT FOR REI90 FIRE PROTECTION - **0M**
- SEE (28)SERIES DETAIL DWGS
- EXISTING BEAMS RETROFITTED FOR SUPPORT OF NEW FLOORS BOTH SIDES TO SE DETAIL (EG LEDGER ANGLES) - **0M**
- BOARDED (3-SIDES) FOR REI90 FIRE PROTECTION TO MATCH EXTG BEAMS
- SEE (28)SERIES DETAIL DWGS
- NEW EXPOSED CONCRETE ENCASEMENT FOR REI90 FIRE PROTECTION - **0M**
- SEE (28)SERIES DETAIL DWGS
- PROPOSED NEW BEAMS CONCEALED (EG ABOVE CEILINGS) - **0M**
- SEE (28)SERIES DETAIL DWGS
- PROPOSED NEW BEAMS "BOXED" TO MATCH EXISTING BEAMS - **0M**
- BOARDED (3-SIDES) FOR REI90 FIRE PROTECTION TO MATCH EXTG

APPROX SOFFIT AREAS AND FIRE-PROTECTIVE TREATMENT
EXTG EXPOSED SOFFITS S-1-APX 1
REPAIR PAINT FOR REPAIRS TO EXPOSED FIRE FRA SECTION 5.3.2.2
RC SLABS WITHOUT PLASTER FINISH
NEW ACHEMITE REIN. INHERENT FIRE PROTECTION TO SE SPEC C/W SKIM
PLASTERBOARD CEILING
NEW RC SLAB SOFFIT S-1-APX 1 TO ACHIEVE REIGO INHERENT FIRE
PROTECTION TO SE SPEC
INDICATIVE EXPOSED EMBEDDED HEATING PIPES WITH BRICK/CONCRETE
EXPOSED SLAB SOFFIT S-1-APX 1
FOR REIGO, SE IDF-FIRE FRA SECTION 5.2.2- SE NOTE RE "BRICK INFILLS"
+ ADDENDUM UPDATE: FINAL AREA TO BE SUBTRACTED FROM EXTG
EXPOSED SOFFITS: ALLOW GALV. STOP-BEADS TO EXPOSED PLASTER
EDGES ON SOFFIT

NOTES

- THIS DWG COMPRISES A STRATEGY DWG TO SUPPLEMENT IDF FIRE RESISTANCE ASSESSMENT & ADDENDUM UPDATES.
- STRATEGY OF BOARDED FIRE PROTECTION TO PRIMARY AND SECONDARY BEAMS, & INTUMESCENT PAINT TO TERTIARY BEAMS AS ADVISED BY RWBHO.
- IT IS ASSUMED THAT ALL EXISTING FINISHES (PAINT & PLASTER, EXP METAL LATH ETC) ARE REMOVED FROM ALL EXISTING STRUCTURAL BEAMS & SOFFITS AS ADVISED BY RWBHO SURVEY.

- BEAM LENGTHS & SOFFIT AREAS ARE INDICATIVE ONLY - INDEPENDENT TAKE OFF/CHECKING REQUIRED FOR ANY PRICING PURPOSES.
- ALL BOARDING TO RECEIVE BEADED-EDGE SKIM PLASTER AND PAINT FINISHES
- COLUMNS ARE ENCASED IN CONCRETE AND PLASTER FINISHES ARE TO REMAIN IN SITU
- READ IN CONJUNCTION WITH:- FULL ID-FIRE FRA**
- SURVEY EXISTING SOFFIT PLAN DRAWINGS
- EXISTING TYPICAL SOFFIT FINISHES SCENARIO DRAWINGS
- STRUCTURAL ENGINEERS DRAWINGS - EXISTING & PROPOSED

0	0.5	1	1.5	2	2.5	3.5	5		
PROJECT RYLANDS BUILDING, MANCHESTER							SCALE 1:50@A0	DATE DEC 2023	
TITLE C29 PROPERTIES (MANCHESTER) LTD							JOB NO. 15626	DWG NO. AL(28)120	REV A
TITLE PROPOSED TYPICAL SOFFIT SCENARIO LEVEL 07 CUPOLAS							ISSUE FOR CONTRACT DOCUMENT		

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