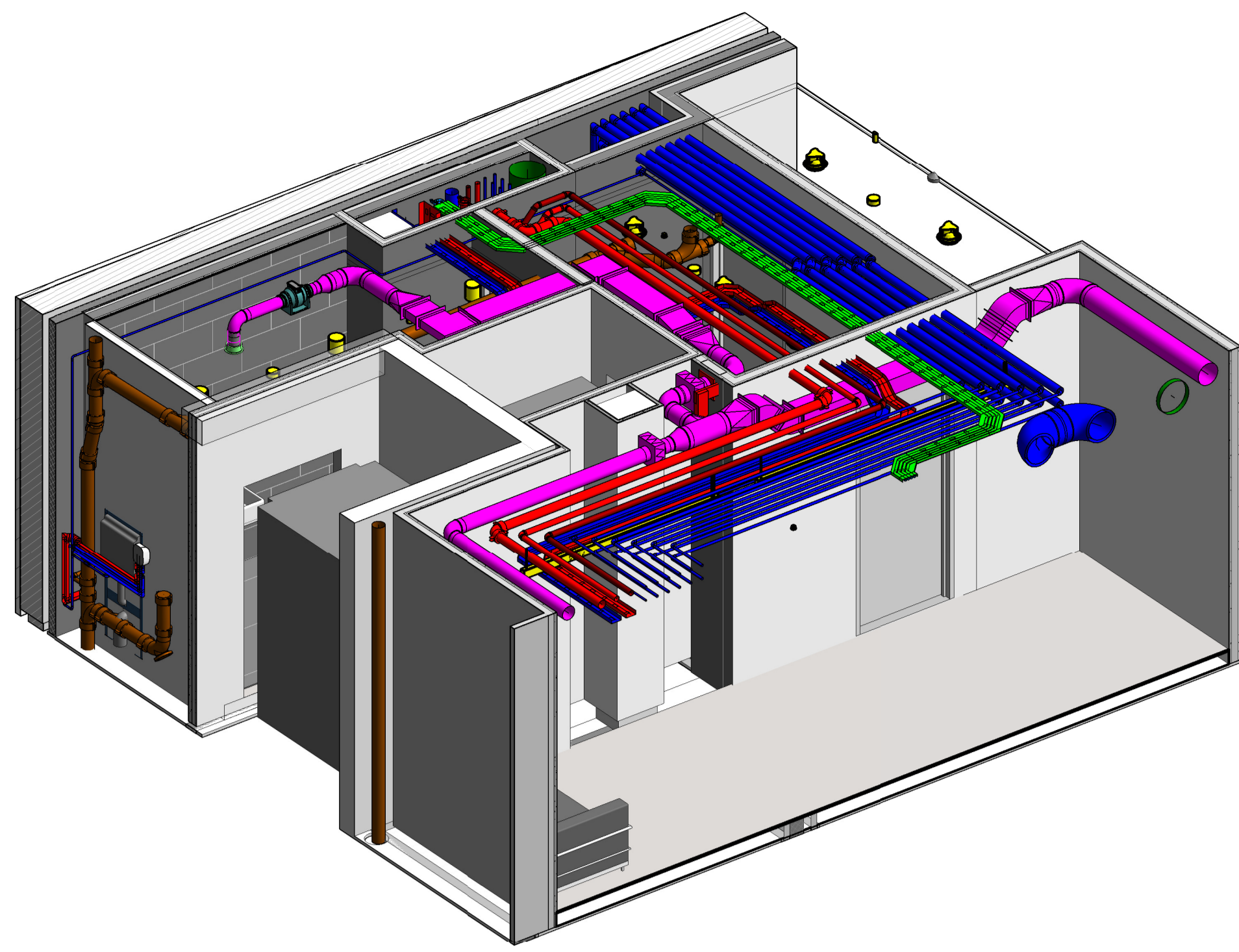


NOTES:

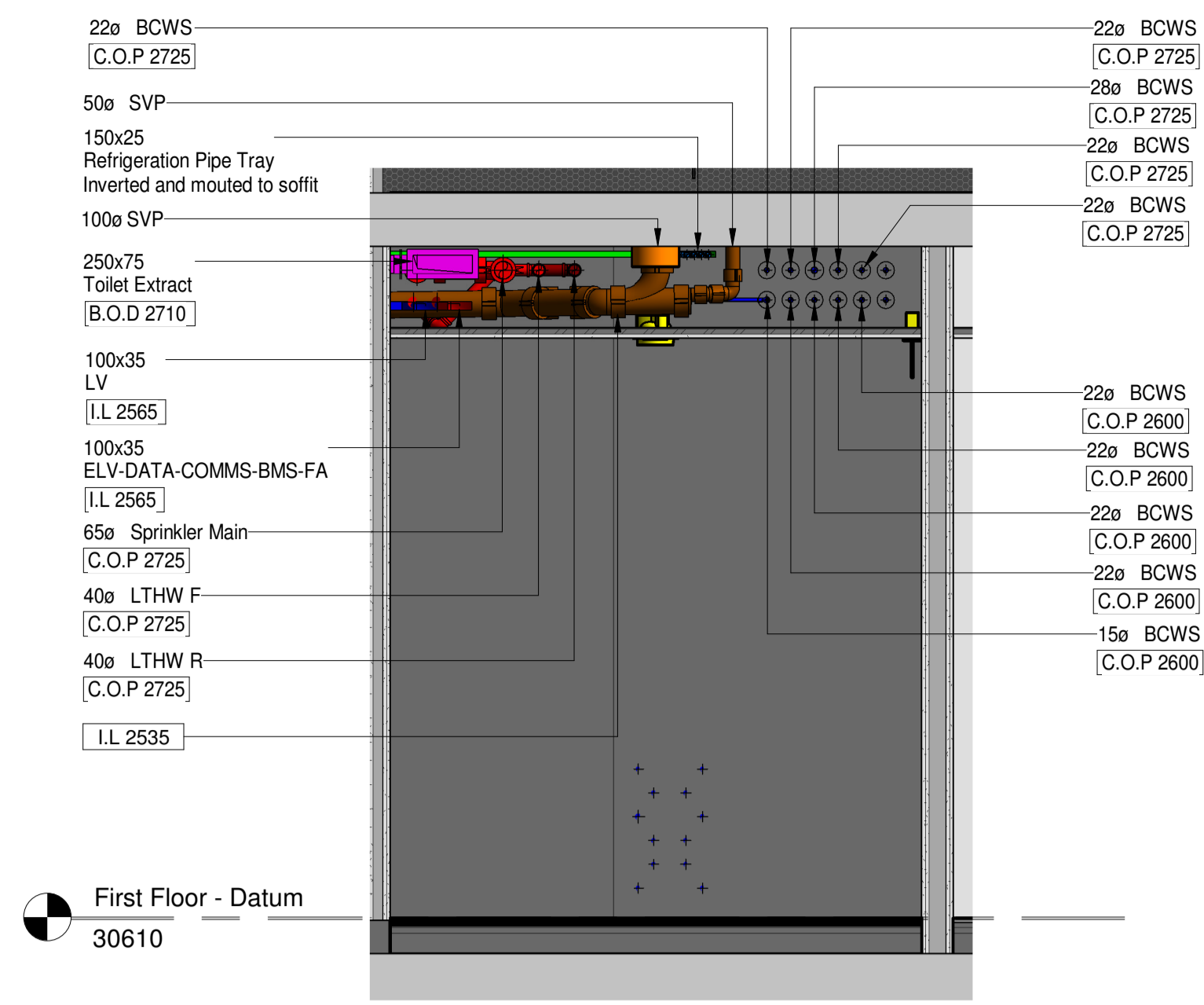
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTS AND STRUCTURAL ENGINEERS DRAWINGS AND WITH THE PROJECTS SCHEDULES AND SPECIFICATIONS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT PROVISIONS FOR INSULATION AND/OR BRACKETRY.
- DUCT SIZES ARE BASED ON INTERNAL DIMENSIONS AND DO NOT INCLUDE PROVISIONS FOR INSULATION AND/OR BRACKETRY.
- ALL METAL DUCTWORK TO BE IN ACCORDANCE WITH HVCA DW1144
- FIRE DAMPERS TO BE PROVIDED AT ALL INTERSECTIONS WITH THE FIRE COMPARTIMENTATION LAYOUT. MOTORIZED FIRE AND SMOKE DAMPERS TO BE PROVIDED WHERE SERVICES PENETRATE PROTECTED ESCAPE ROUTES AND FIRE COMPARTMENT WALLS FOR HORIZONTAL PROGRESSIVE EVACUATION.
- PROVIDE ACCESS DOORS IN ACCORDANCE WITH DW1144. WHERE POSSIBLE, LOCATE DAMPERS IN PROXIMITY TO ONE ANOTHER TO SHARE A COMMON ACCESS DOOR AND MINIMISE CEILING VOID ACCESS. WHERE POSSIBLE, LOCATE ACCESS DOORS WITHIN EASILY ACCESSIBLE AREAS SUCH AS CORE AREAS AND RISERS.
- LOCATE VOLUME CONTROL DAMPERS IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS AND WHEREVER PRACTICABLE ON STRAIGHT LENGTHS OF DUCT.

LEGEND

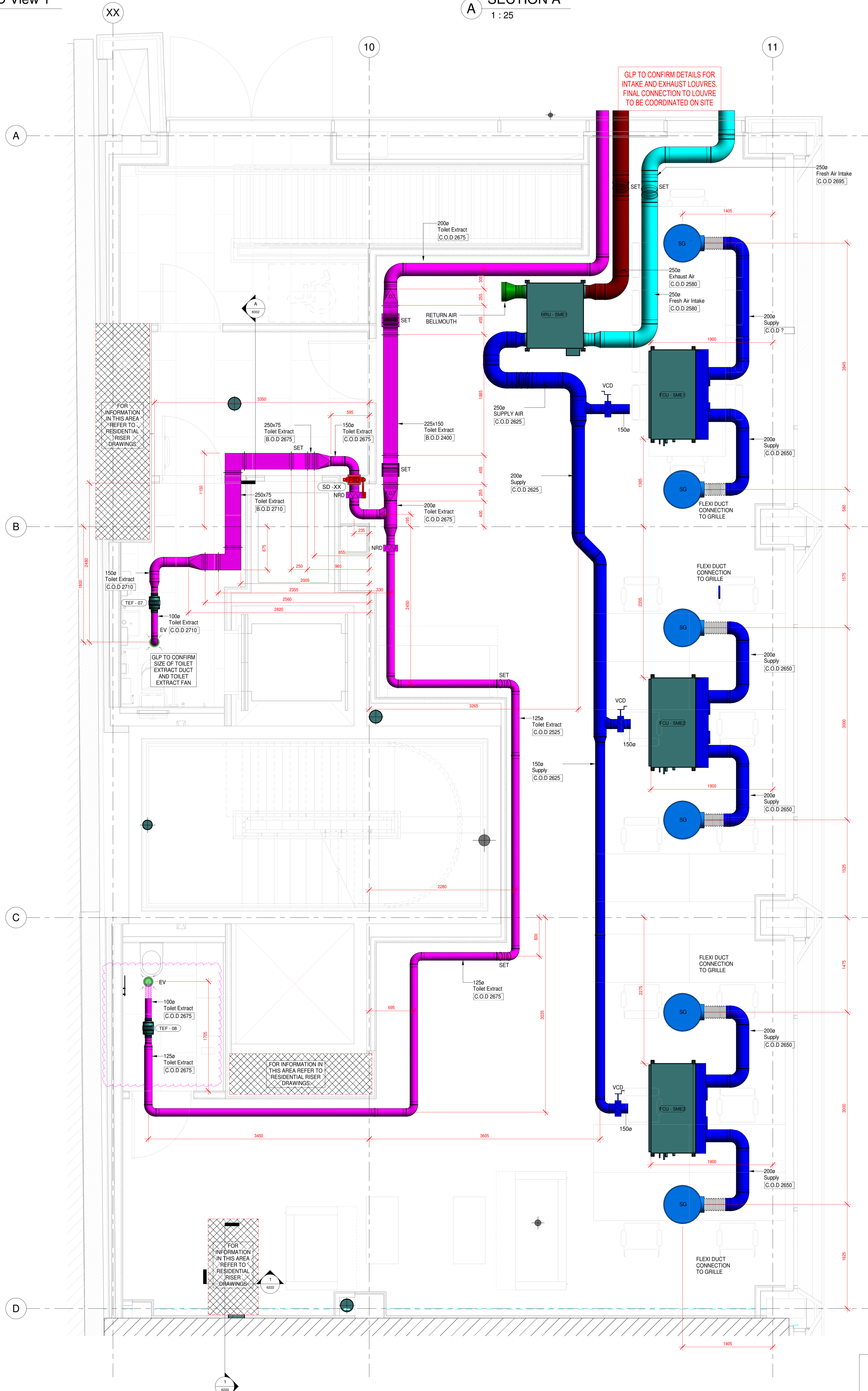
- SD - SMOKE DAMPER
- FD - FIRE DAMPER
- C.O.D - CENTRE OF DUCT
- B.O.D - BOTTOM OF DUCT
- EG - EXTRACT GRILLE
- SG - SUPPLY GRILLE
- EV - EXTRACT VALVE
- SV - SUPPLY VALVE
- VCD - VOLUME CONTROL DAMPER
- NRD - NON RETURN DAMPER
- HRU - HEAT RECOVERY UNIT
- FCU - FAN COIL UNIT
- TEF - TOILET EXTRACT FAN
- FC - FLEXIBLE CONNECTION



B 3D View 1



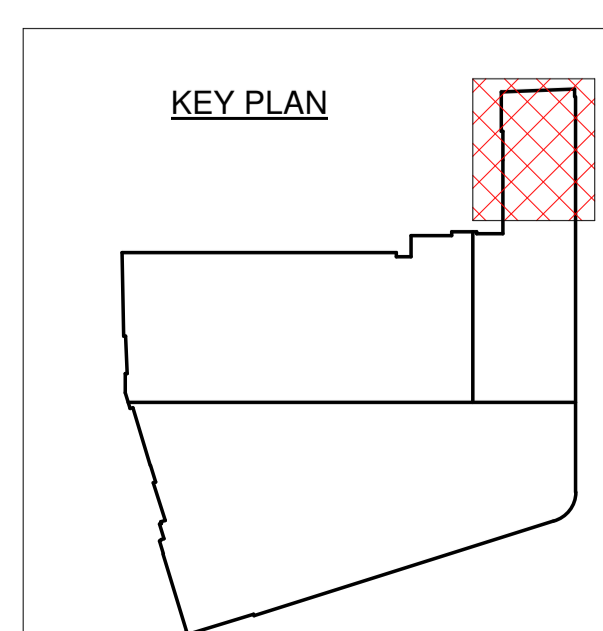
A SECTION A
1 : 25



SERVICES DATUM LEVELS
ALL SERVICES ABOVE DATUM DENOTED THIS:
[XXXX] DISTANCE IN mm TO USE OF RECTANGULAR & FLAT OVAL DUCTS, ELECTRICAL BUSBARS, CABLE LADDERS, TRAYS, TRUNKING, & CENTRE LINE OF CIRC DUCTS & PIPEWORK. LEVELS PREFIXED L1 INDICATES INVERT LEVEL OF SOIL, GRAVITY RAINWATER & CONDENSATE PIPE ABOVE DATUM LEVEL. LEVELS PREFIXED T.O.P INDICATES LEVEL TO TOP OF PIPE FOR SPHONING RAINWATER ABOVE DATUM

LEVEL 1	
DATUM LEVEL	30.610
SSL	30.460

LIGHTS IN MODEL ARE SHOWN AT 2550 AFFL AND CLASH WITH HIGH LEVEL M&E SERVICES. LIGHTS TO BE DROPPED TO 2350 AFFL TO AVOID CLASH



02-11-2020	UPDATED TO SUIT COMMENTS AND RCP	C100
01-10-2020	UPDATED TO SUIT M&A COMMENTS AND GLP RE-DESIGN	P102
07-08-2020	ISSUED FOR APPROVAL. SERVICES RE COORDINATED TO SUIT NEW CEILING HEIGHTS IN LOBBY AREA.	P01
Date	Description	Rev

CONTRACT
Stephenson House - Residential

TITLE
First Floor - SME Office Residential Mechanical Services Ventilation Layout

ARCHITECT
Marks Barfield Architects
CONSULTANT
GLP

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Drawing Status
CONSTRUCTION ISSUE

SCALE 1 : 25 @ A0 DRAWN CADTECH DATE 15/06/20
DRG No. 8555-MALA-RD-01-DR-X-8302 C00