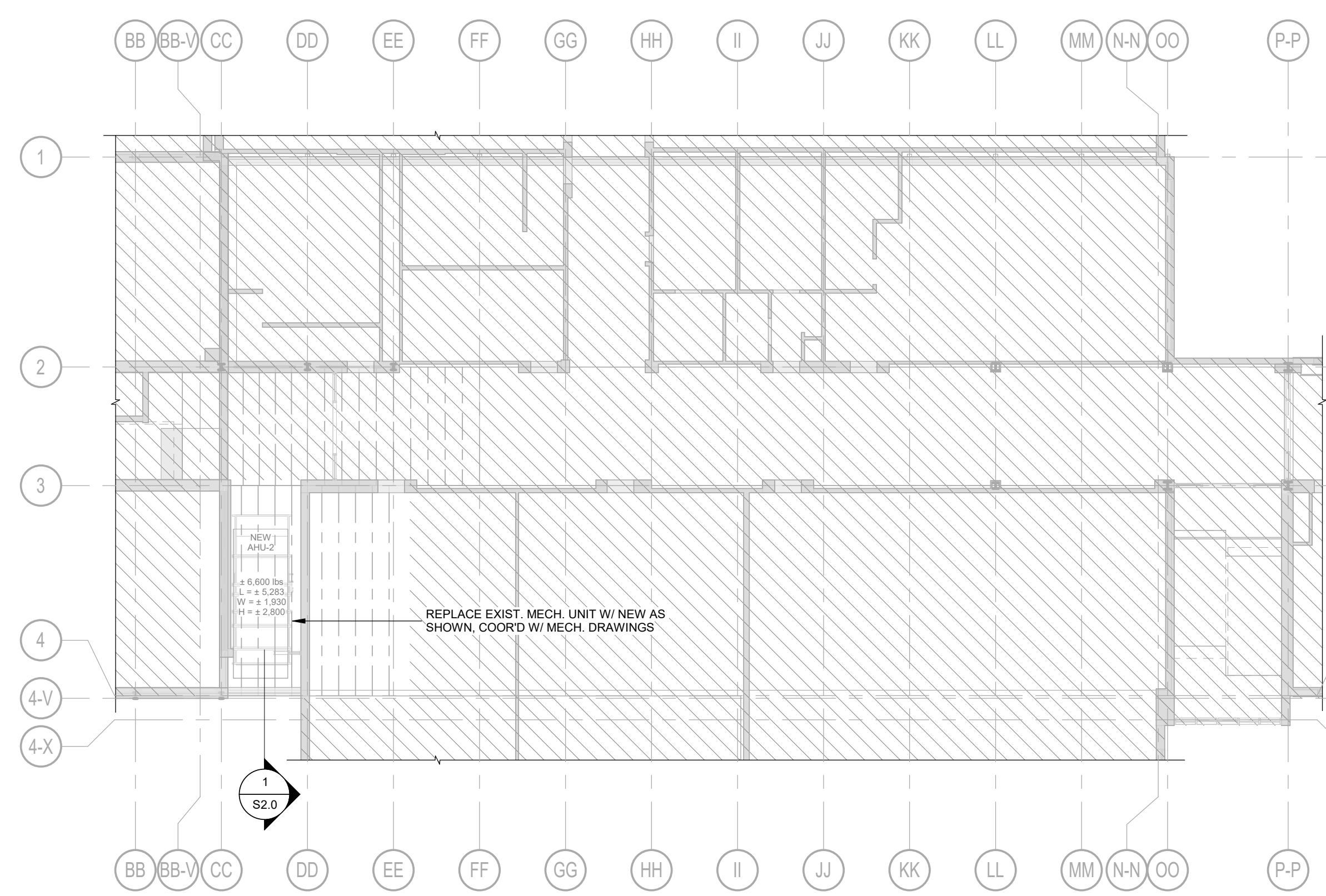
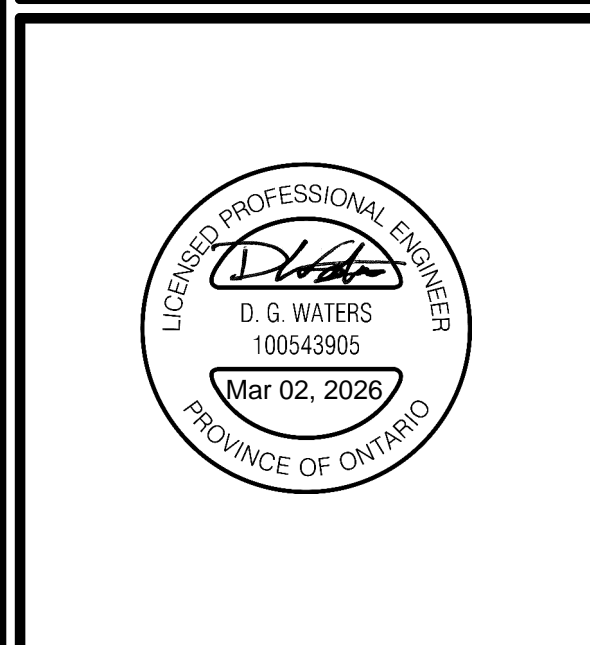


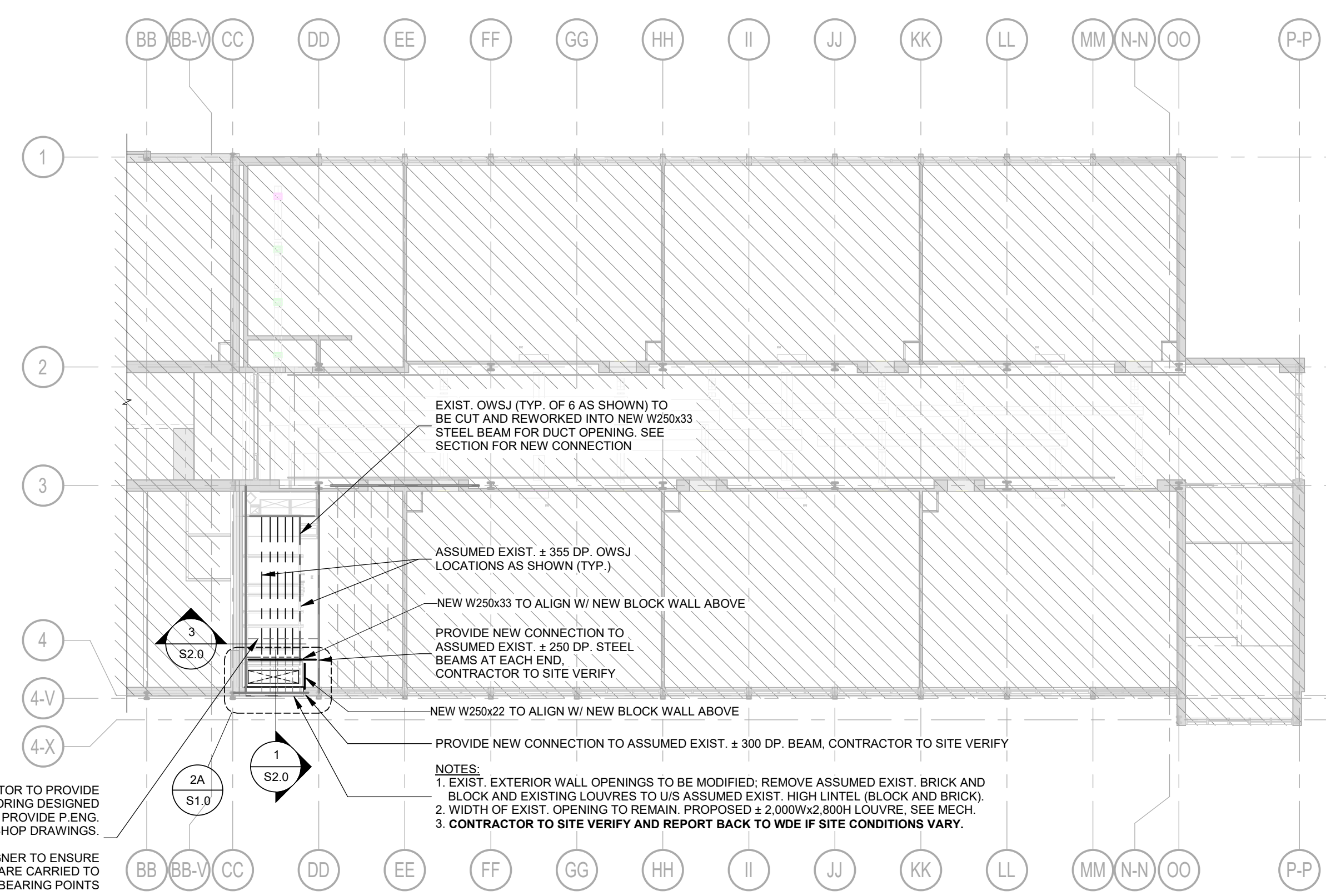
THIS DRAWING IS AN INSTRUMENT OF SERVICE & IS THE PROPERTY OF ABA ARCHITECTS INC. & CANNOT BE MODIFIED AND/OR REPRODUCED WITHOUT THE PERMISSION OF ABA ARCHITECTS INC.  
 THE CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT, BEFORE PROCEEDING WITH THE WORK.  
 DRAWINGS ARE NOT TO BE SCALED.

No.	REVISIONS	DATE
1	ISSUED FOR BID	2026.03.03
2	ISSUED FOR PERMIT / TENDER	2026.03.02



**1 PARTIAL FRAMING PLAN** 1:150  
**S1.0** WING 'A' 300 LEVEL LOWER FRAMING PLAN (SECOND FLOOR)

EXIST. SERVICE RM. FLOOR DESIGN LOADS	
LIVE LOAD	= 4.8 kPa (ASSUMED)
DEAD LOAD	= 1.25 kPa (ASSUMED)



**2 PARTIAL FRAMING PLAN** 1:150  
**S1.0** WING 'A' 400 LEVEL LOWER FRAMING PLAN (THIRD FLOOR)

EXIST. SERVICE RM. FLOOR DESIGN LOADS	
LIVE LOAD	= 4.8 kPa (ASSUMED)
DEAD LOAD	= 1.25 kPa (ASSUMED)

CONTRACTOR TO SITE VERIFY ALL EX. CONDITIONS  
 ASSUMED EX. CONDITIONS AS SHOWN, CONTRACTOR TO SITE VERIFY FRAMING AND REPORT BACK TO WDE IF SITE CONDITIONS VARY

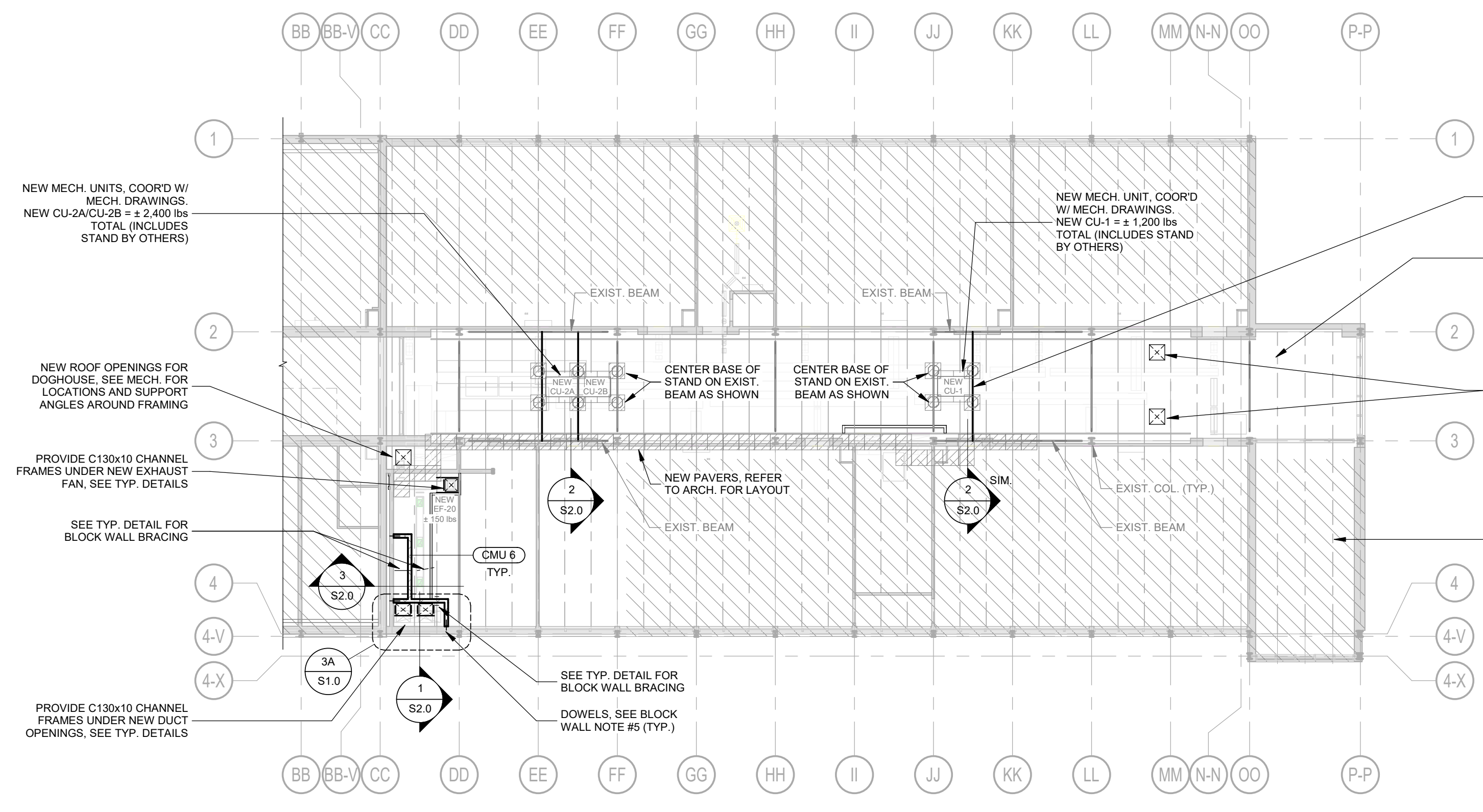
**FRAMING NOTES**

- GENERAL NOTES:**  
 1. ALL ROOFTOP UNITS AND MECH. OPENINGS TO BE FRAMED W/ C130x10 (TYP. U.N.O.) REFER TO MECHANICAL DRAWINGS FOR EXACT UNIT LOCATION AND SIZE.  
**BLOCK WALL NOTES:**  
 1. GENERAL CONTRACTOR TO COORDINATE MASONRY WALL THICKNESS WITH ARCHITECTURAL DRAWING SET.  
 2. PROVIDE (3) 15M VERTICAL AT ALL CORNERS IN BLOCK WALLS (TYP. U.N.O.)  
 3. PROVIDE (1) 15M VERTICAL AT EDGES OF ALL OPENINGS IN BLOCK WALLS (TYP. U.N.O.)  
 4. GROUT SOLID AT ALL DOWELS AND REINFORCING LOCATIONS.  
 5. DRILL + EPOXY 10 M DOWELS x 450 LG. @ 400 O.C. (AT EVERY OTHER MORTAR BED) CW HILTI HY-270 EPOXY INTO EXIST. CONCRETE BLOCK WALL. 150 EMBED. (MIN.) PROVIDE SCREEN TUBES AS REQ'D. TYPICAL OF ALL NEW BLOCK WALLS ADJACENT TO EXIST. BLOCK WALL.  
 6. ALL CONCRETE BLOCK WALLS TO HAVE CONTROL JOINTS AS PER CSA S304 AND A371.

**CONCRETE BLOCK WALL SCHEDULE**

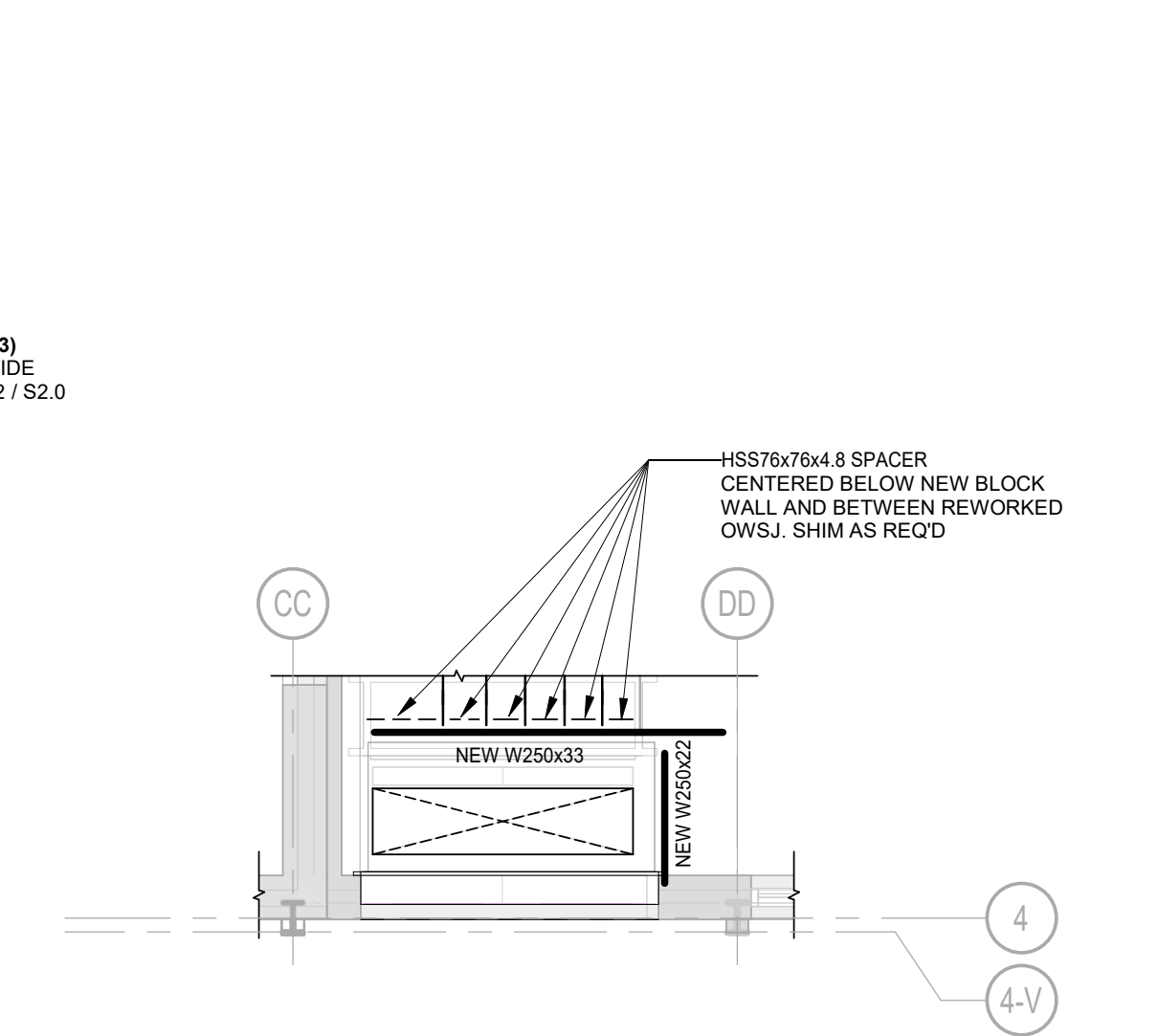
WALL	THICKNESS	COMP. STRENGTH	FULLY GROUTED	VERT. REINFORCEMENT
CMU 6	140	15 MPa	YES	10M @ 400 O.C.

• SEE BLOCK WALL NOTES AND GENERAL NOTES.  
 • ALL WALLS TO HAVE CORES GROUTED SOLID AT REINFORCING STEEL LOCATIONS  
 • PROVIDE ADDITIONAL BARS AT CORNERS, OPENINGS, AND END OF WALLS AS PER BLOCK WALL FRAMING NOTES. SEE TYP. DETAILS.  
 • REINFORCE ALL MASONRY WITH HOT DIP GALVANIZED NO. 9 TRUSS TYPE WIRE REINFORCING @ 400 O.C. PROVIDE FULL OVERLAP AT ALL INTERSECTIONS AND CORNERS.  
 • ALL WALLS TO HAVE TOP (2) COURSES GROUTED SOLID AND ALL WALLS ABOVE ROOF LEVEL TO BE GROUTED SOLID.  
 • ALL WALLS TO BE TOOTHED INTO ADJACENT WALL.  
 • PROVIDE BRACING AT TOP OF BLOCK WALLS. SEE TYP. DETAILS U.N.O.

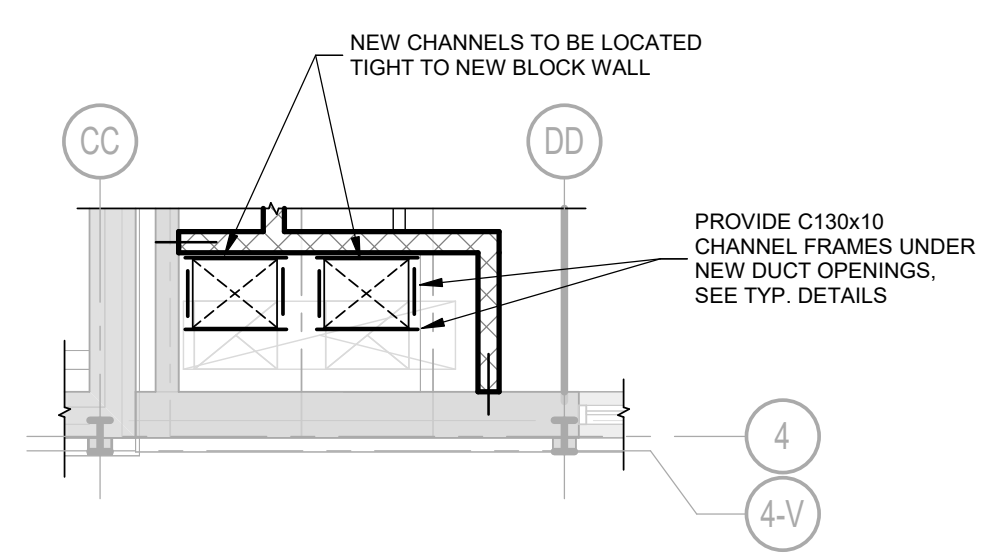


**3 PARTIAL FRAMING PLAN** 1:150  
**S1.0** WING 'A' ROOF LOWER FRAMING PLAN (HIGH ROOF)

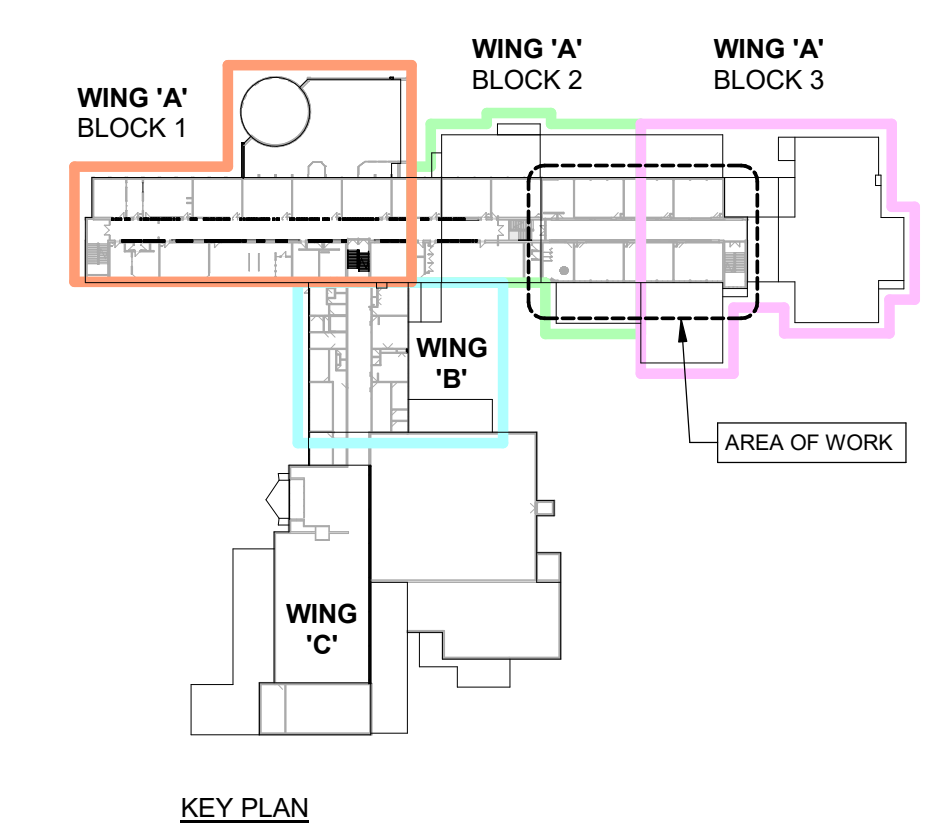
ROOF DESIGN LOADS	
EXIST. LIVE LOAD	= 1.9 kPa (ASSUMED)
NEW LIVE LOAD	= 2.23 kPa
DEAD LOAD	= 1.0 kPa (ASSUMED)



**2A ENLARGED FRAMING PLAN** 1:50  
**S1.0** WING 'A' 400 LEVEL LOWER FRAMING PLAN @ DUCT CHASE



**3A ENLARGED FRAMING PLAN** 1:50  
**S1.0** WING 'A' ROOF LOWER FRAMING PLAN @ DUCTS



KEY PLAN

CHRONOLOGY	DATE

**WitzelDyce ENGINEERING INC.**  
 826 King Street North, Unit 20  
 Waterloo, Ontario, N2J 4G8  
 www.witzeldyce.com



CLIENT  
**WATERLOO REGION DISTRICT SCHOOL BOARD**

PROJECT NAME  
**WATERLOO COLLEGIATE INSTITUTE HVAC & EXTERIOR UPGRADES PHASE 2**  
 300 HAZEL STREET, WATERLOO ON N2L 3P2

DRAWING TITLE  
**PARTIAL SECOND FLOOR, THIRD FLOOR & ROOF FRAMING PLAN**

SCALE	DRAWING NUMBER
As Indicated	<b>S1.0</b>
SHEET SIZE	
PROJECT NUMBER	

