

webster  
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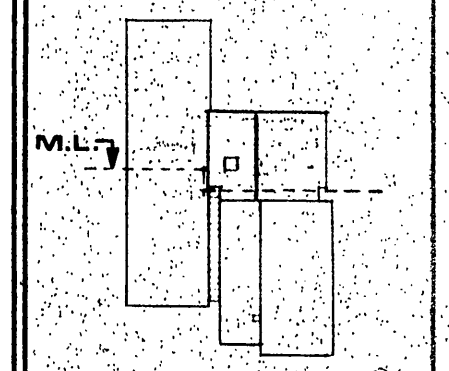
architects  
engineers

bangor, maine

1494

N.M.V.T.I.  
SHOP

PRESQUE ISLE  
MAINE



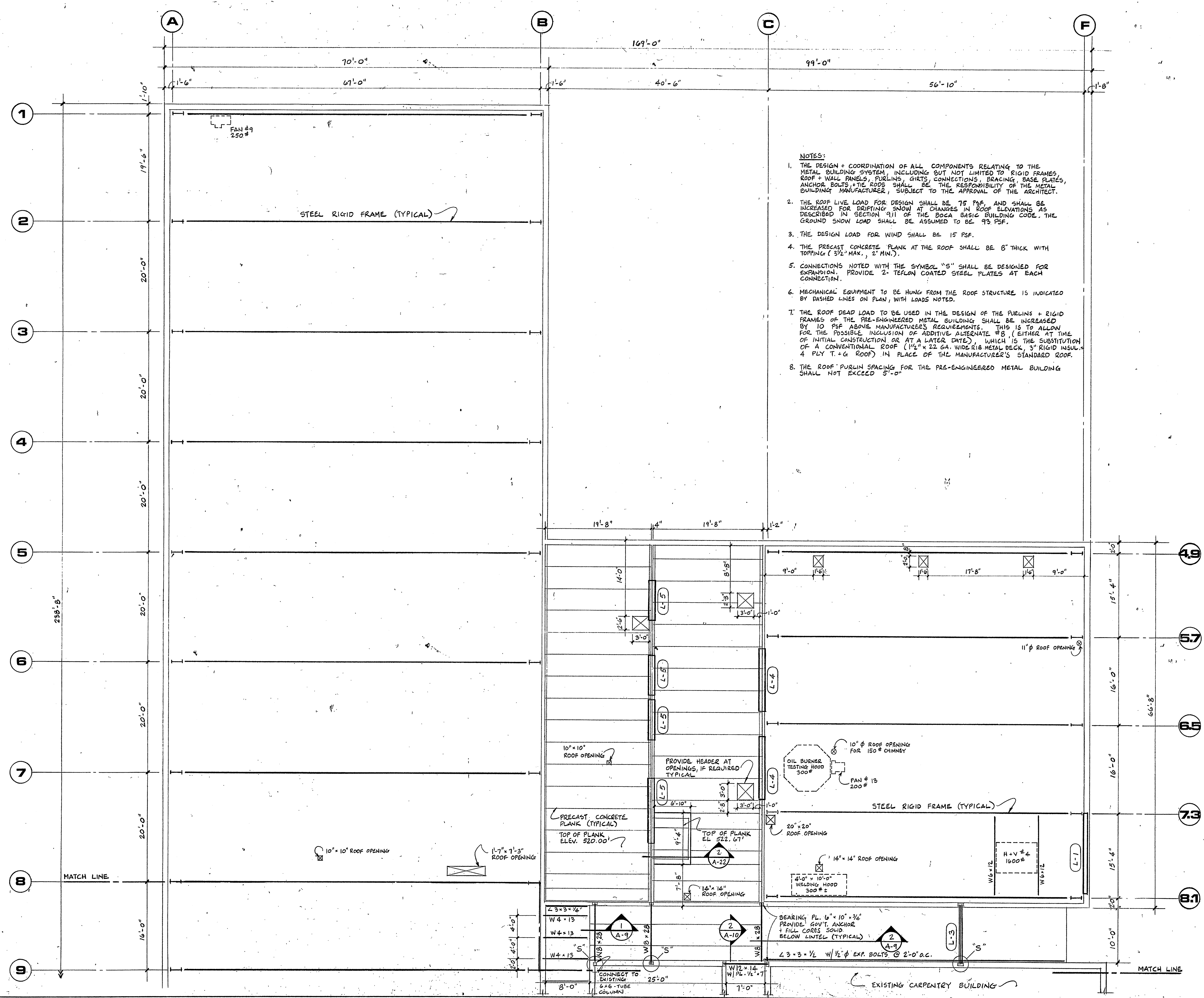
KEY PLAN

NO. REVISION DATE

DESIGNER	HWD
ENGINEER	AB
DRAWN BY	AB
CHECKED BY	AB
DATE:	JUNE 1, 1981

ROOF  
FRAMING  
NORTH

S-6



NOTES:

1. THE DESIGN + COORDINATION OF ALL COMPONENTS RELATING TO THE METAL BUILDING SYSTEM INCLUDING BUT NOT LIMITED TO RIGID FRAMES, ROOF + WALL PANELS, PURLINS, GIRTS, CONNECTIONS, BRACING, BASE PLATES, ANCHOR BOLTS + TIE RODS SHALL BE THE RESPONSIBILITY OF THE METAL BUILDING MANUFACTURER, SUBJECT TO THE APPROVAL OF THE ARCHITECT.
2. THE ROOF LIVE LOAD FOR DESIGN SHALL BE 75 PSF. AND SHALL BE INCREASED FOR DRIFTING SNOW AT CHANGES IN ROOF ELEVATIONS AS DESCRIBED IN SECTION 911 OF THE BOCA BASIC BUILDING CODE. THE GROUND SNOW LOAD SHALL BE ASSUMED TO BE 93 PSF.
3. THE DESIGN LOAD FOR WIND SHALL BE 15 PSF.
4. THE PRECAST CONCRETE PLANK AT THE ROOF SHALL BE 8" THICK WITH TOPPING (3/2" MAX., 2" MIN.).
5. CONNECTIONS NOTED WITH THE SYMBOL "S" SHALL BE DESIGNED FOR EXPANSION. PROVIDE 2- TEFLON COATED STEEL PLATES AT EACH CONNECTION.
6. MECHANICAL EQUIPMENT TO BE HUNG FROM THE ROOF STRUCTURE IS INDICATED BY DASHED LINES ON PLAN, WITH LOADS NOTED.
7. THE ROOF DEAD LOAD TO BE USED IN THE DESIGN OF THE PURLINS + RIGID FRAMES OF THE PRE-ENGINEERED METAL BUILDING SHALL BE INCREASED BY 10 PSF ABOVE MANUFACTURER'S REQUIREMENTS. THIS IS TO ALLOW FOR THE POSSIBLE INCLUSION OF ADDITIVE ALTERNATE #3 (EITHER AT TIME OF INITIAL CONSTRUCTION OR AT A LATER DATE) WHICH IS THE SUBSTITUTION OF A CONVENTIONAL ROOF (1/2" x 22 GA. WIDE RIB METAL DECK, 3" RIGID INSUL. 4 PLY T + G ROOF) IN PLACE OF THE MANUFACTURER'S STANDARD ROOF.
8. THE ROOF PURLIN SPACING FOR THE PRE-ENGINEERED METAL BUILDING SHALL NOT EXCEED 5'-0"