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VENTILATION CALCULATIONS								
BASED ON 2012 NCMC TABLE 403.3								
	Floor Area	Area Outdoor Air Rate cfm/sqft	People Outdoor Air Rate cfm/person	Occupant Density #/1000 S.F.	Occupancy	Outdoor Air Required	Ventilation Effectiveness (Ez)	Total Outdoor Air Required
AH-1								
Lobbies/Reception	334	0.06	7.5	30	10	95	0.8	119
Office Space	126	0.06	5	5	1	11	0.8	13
Corridor	380	0.06	0	0	0	23	0.8	29
Storage	91	0.12	0	0	0	11	0.8	14
						AH-1 TOTAL OUTSIDE AIR REQUIRED		175
						AH-1 TOTAL OUTSIDE AIR PROVIDED		200
EF-1								
Storage	670	0.12	0	0	0	80	0.8	101
						EF-1 TOTAL OUTSIDE AIR REQUIRED		101
						EF-1 TOTAL OUTSIDE AIR PROVIDED		1000



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MECHANICAL ELECTRICAL PLUMBING
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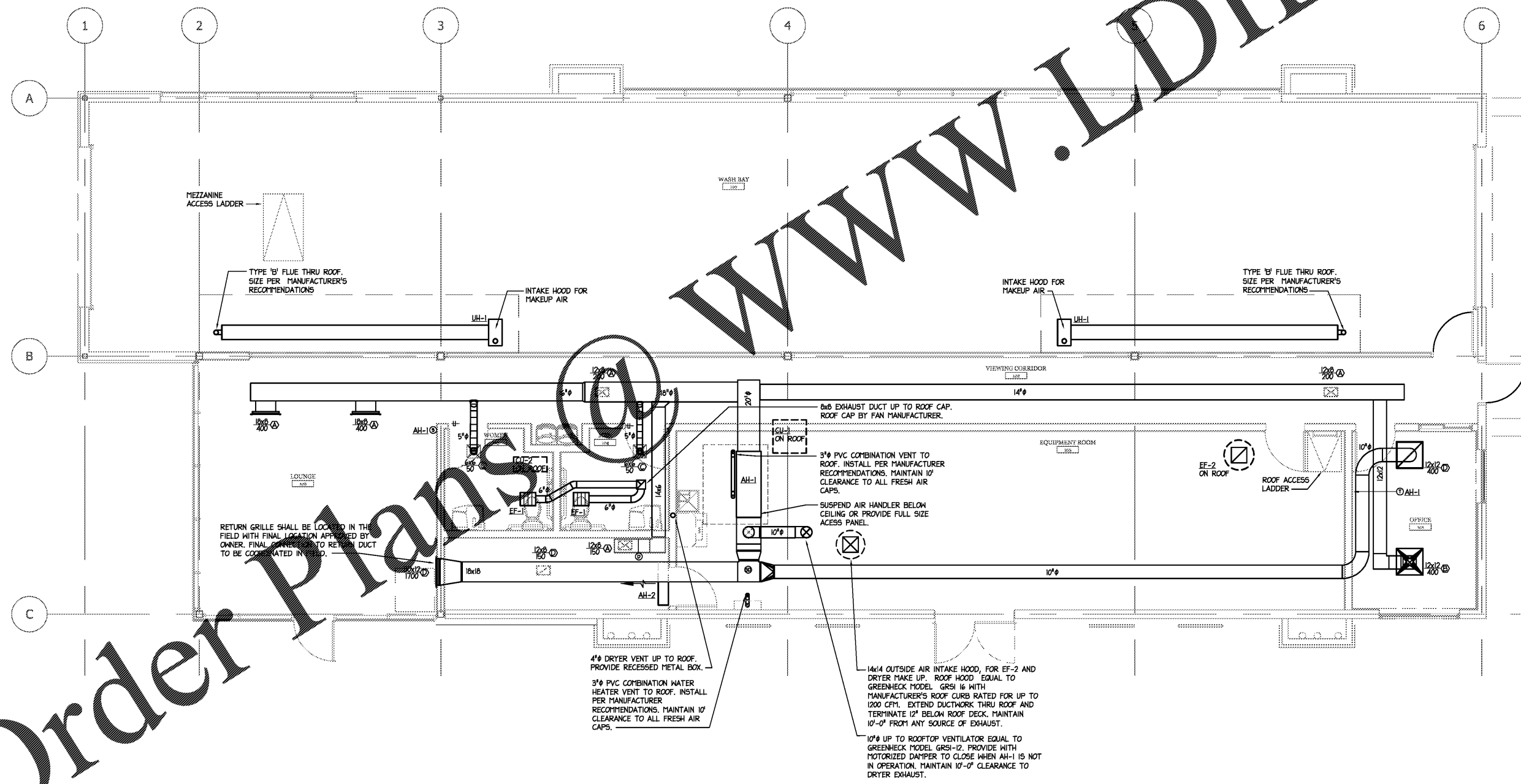
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MECHANICAL FLOOR PLAN

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M201



1 MECHANICAL FLOOR PLAN
1/4" = 1'-0"

Order Plans