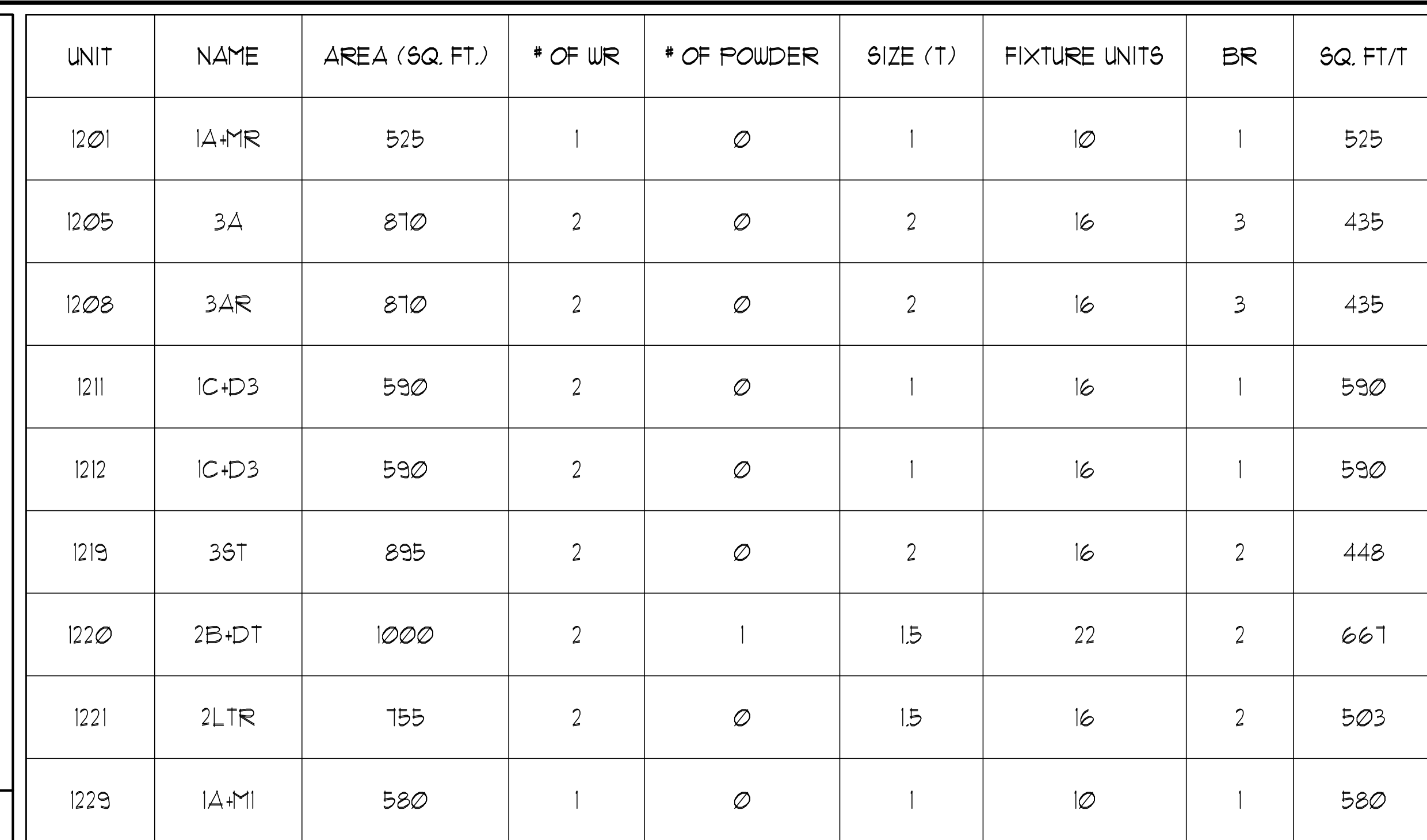




- | LEGEND | |
|------------|--------------------------------------|
| MECHANICAL | |
| SYMBOL | DESCRIPTION |
| | SUPPLY AIR DIFFUSER |
| | SUPPLY AIR REGISTER |
| | LINEAR SUPPLY CONTROLLER |
| | THERMOSTAT |
| | FAN BLUFF |
| | RETURN AIR GRILLE |
| | EXHAUST AIR GRILLE |
| | SUPPLY DUCT UP |
| | SUPPLY DUCT DOWN |
| | RETURN DUCT UP |
| | RETURN DUCT DOWN |
| | EXHAUST DUCT UP |
| | EXHAUST DUCT DOWN |
| | FIRE DAMPER |
| | BALANCING DAMPER |
| | MOTORIZED DAMPER |
| | MOTORIZED FIRE DAMPER |
| | APPROVED BLADE VOLUME CONTROL DAMPER |
| | SELF-CLOSING DISCHARGE |
| | TURNING VANES |
| | FLEXIBLE CONNECTION |
| | ACOUSTIC INSULATION |
| | TYPE OF EQUIPMENT IDENTIFICATION |
| | TYPE OF PRIMER OR GRILLE |
| | NIPPLE SIZE OR COPPER NIPPLE SIZE |
| | NIPPLE OR PIPE SIZE |
| | STARTERS (3 PHASE) (3 PHASE) |
| | NUTS IN FLANGE AUTO |
| | GAS SENSOR |
| | GAS LINE |
| | GAS METER |
| | GAS COOK |
| | PRESSURE REDUCING VALVE |
| | BANTANT ABOVE GRADE |
| | BANTANT BELOW GRADE |
| | STORCK ABOVE GRADE |
| | STORCK BELOW GRADE |
| | CORBIST COLD WATER |
| | CORBIST HOT WATER |
| | CORBIST HOT WATER RECIRCULATION |
| | WATER METER |
| | FLOOR DRAIN |
| | CANAL FLOOR DRAIN |
| | HUB DRAIN |
| | ROCK DRAIN |
| | SLD FLOOR DRAIN |
| | AREA DRAIN |
| | BLAD AREA DRAIN |
| | CATCH BASIN |
| | BANTANT TRAP |
| | ELBOW UP |
| | ELBOW DOWN |
| | UNIL CLEANOUT |
| | FLOOR CLEANOUT |
| | HOSE BIBB |
| | NON-FREEZE HOSE BIBB |
| | GLOBE VALVE |
| | BALL VALVE |
| | BENT VALVE |
| | PRESSURE REDUCING VALVE |
| | CHECK VALVE |
| | COMPRESSED AIR OUTLET |
| | BACKFLOW PREVENTER |
| | BALANCING VALVE |
| | MULTIPLE PIPES |
| | DIODES NO. OF PIPES |
| | TEMPERATURE SENSOR |
| | THERMOSTAT |
| | MODULATING VALVE |
| | MODULATING VALVE |
| | MODULATING VALVE |
| | THERMOMETER |
| | FLOOR ELEVATION ABOVE LEVEL |
| | FLOOR ELEVATION BELOW LEVEL |

NOTES:

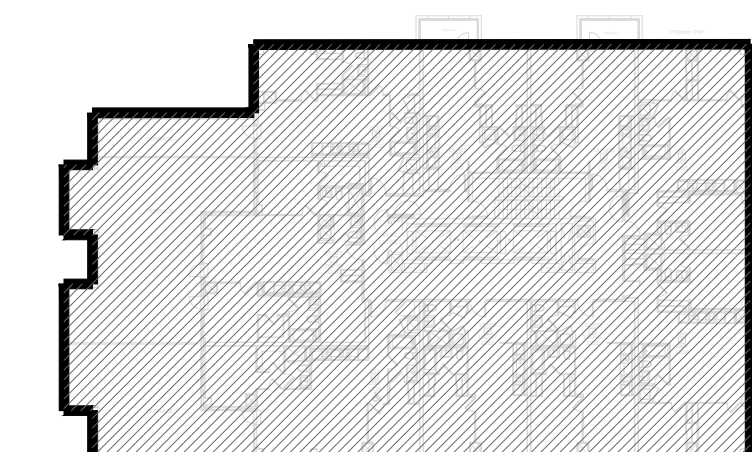
- 1 NORTH F/A SHAFT B SERVING FROM G/F TO 14/F DUCT SERVING CORRIDOR FROM 3/F TO 14/F. SEE PRESSURIZATION / VENTILATION RISER DIAGRAM FOR DETAILS.
- 2 NORTH F/A SHAFT A SERVING FROM G/F TO 14/F DUCT SERVING CORRIDOR FROM G/F TO 14/F. SEE PRESSURIZATION / VENTILATION RISER DIAGRAM FOR DETAILS.
- 3 PIPE SHAFT - REFER TO PIPE DIAGRAM FOR DETAILS.
- 4 150° KITCHEN / DRYER / W/R / FCU INTAKE / FCU EXHAUST DUCT. (TYPICAL UNLESS OTHERWISE NOTED)
- 5 100° RUL. DOWN.
- 6 100° STM 1/4".
- 7 100° RUL. FROM ABOVE.
- 8 100° RUL. FROM ABOVE AND DOWN.
- 9 600° GARBAGE CHUTE.
- 10 19" GAS PIPE c/w VALVE AND CAP FOR BBQ.
- 11 19" DCW FOR NHBS TO BE CONNECTED TO SUITE'S MAIN DCW LINE.

DESIGNATION	L/s	DUCT SIZE	DESIGNATION	L/s	DUCT SIZE
(A)	47	100x150	(G)	189	350x150
(B)	71	150x150	(H)	236	450x150
(C)	94	200x150	(J)	283	500x150
(D)	118	200x150	(K)	330	600x150
(E)	141	250x150	(L)	377	500x200
(F)	165	300x150			

DESIGNATION	SIZE	L/S (AIRFLOW SPEC. ELEMENTS)
SG-A	300x100	47-10
SG-B	300x150	71-93
SG-C	400x150	94-140
SG-D	450x150	141-188
EG-A	150x150	35
W-1	225x200	210mm(L)
W-2	425x200	INSULATED
W-3	625x200	WALL BOX

VERTICAL FAN COIL SIZE		
DESIGNATION	MODEL	W x D
FCU-1T	450	508x660
FCU-1.5T	600	508x660
FCU-2T	800	508x660
FCU-2.5T	1000	559x660
FCU-3T	1200	559x660

NOTE:
A MIN. OF 125mm IS REQUIRED ON
THE SIDE OF PIPE RISER



CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE ANY RESURFACING OPERATIONS BEGINS TO THE FINISHED SURFACE PROCEEDINGS AFTER THIS WORK. THIS DRAWING IS THE PROPERTY OF THE WORK ENGINEER AND MUST BE RETURNED UPON COMPLETION OF THE WORK.			
DRAWINGS ARE NOT TO BE SCALED			
			
175 West Beaver Creek Road, Unit 31 Richmond Hill, Ontario L4B 3M1 Tel: 905 882-5446 Fax: 905 882-5447			
DRAWING TITLE: 12/F MECHANICAL LAYOUT			
PROJECT TITLE: 99 QUEEN PARK TELUS CENTRE 38 CAMERON STREET TORONTO ONTARIO			
DRAWN BY: C.S.	CHECKED BY: E.F.	SCALE: 1:50	
DATE: FEB. 13	PROJECT NUMBER: 1313	DRAWING NUMBER: M-30	OF 43