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CODE MINIMUM SYSTEM VENTILATION RESULTS														
AIR HANDLING SYSTEM	SYSTEM VENTILATION EFFICIENCY, E _v	MAX			MIN			SYSTEM PRIMARY AIRFLOW, V _{ps}	SYSTEM UNDIRECTED OUTDOOR AIRFLOW, V _{ou}	AVERAGE OUTDOOR AIR FRACTION, X _s	OUTDOOR AIR INTAKE AIRFLOW (MULTI-ZONE), V _{ti}	OUTDOOR AIR INTAKE AIRFLOW (100% DAL V _{ti})		
		AIRFLOW, CFM	OUTSIDE AIRFLOW, CFM	FRACTION, %	AIRFLOW, CFM	OUTSIDE AIRFLOW, CFM	FRACTION, %							
F-1	0.82	1000	329	33%	1000	329	33%	1000	304	0.30	339	390		
F-2	0.95	1200	251	21%	1200	251	21%	100%	1200	239	0.20	251	298	
F-3	0.94	1200	280	23%	1200	280	23%	100%	1200	265	0.22	280	331	
F-4	0.88	600	52	8%	600	52	9%	100%	600	50	0.08	52	63	
F-5	0.86	600	50	8%	600	50	8%	100%	600	47	0.08	50	59	
F-6	0.86	600	55	9%	600	55	9%	100%	600	53	0.09	55	67	
F-7	0.87	600	100	16%	600	100	17%	100%	600	75	0.13	86	94	
F-8	0.90	600	63	10%	600	63	10%	100%	600	56	0.09	63	70	
F-9	0.97	600	51	8%	600	51	9%	100%	600	50	0.08	51	62	
F-10	0.97	600	54	9%	600	54	9%	100%	600	53	0.08	54	66	
F-11	0.85	600	65	11%	600	65	11%	100%	600	56	0.09	65	70	
F-12	0.85	600	61	10%	600	61	10%	100%	600	58	0.10	61	73	
F-13	0.86	600	56	9%	600	56	9%	100%	600	53	0.09	56	67	
F-14	0.84	600	41	7%	600	41	7%	100%	600	35	0.06	41	43	

CODE MINIMUM VENTILATION SCHEDULE														
ROOM NO.	ROOM NAME	AREA SQ. FT.	MINIMUM ZONE PRIMARY AIR AT FULL OCCUPANCY V _{ps}	OCCUPANT DENSITY PEOPLE/1000 sqft	PEOPLE DA RATE CFM/PERSON R _p	TOTAL PEOPLE P _t	AREA DA RATE CFM/1000 R _a	AIR DISTRIBUTION EFFECTIVENESS E _z	BREATHING ZONE OUTDOOR AIRFLOW V _{bz}	OUTSIDE AIR FRACTION AT MINIMUM SA Z _{ps}	ZONE OUTDOOR AIRFLOW V _{oz}	SYSTEM		
151	WHITE BOX 2	1329 SF	1000	15	7.5	113	0.12	0.8	233	0.23	251			
152	WHITE BOX 3	1339 SF	1200	15	7.5	113	0.12	0.8	265	0.25	331			
103A	LIVING/KITCHEN	347 SF	440	10	5.0	3	0.06	0.8	33	0.11	48			
103B	BATH	71 SF	0	0	0.0	0	0.00	0.8	0	0	0			
103C	BEDROOM	111 SF	100	10	5.0	1	0.06	0.8	12	0.1	15			
104A	LIVING/KITCHEN	298 SF	450	10	5.0	3	0.06	0.8	37	0.09	49			
105B	BATH	123 SF	0	0	0.0	0	0.00	0.8	3	0.1	4			
121C	BEDROOM	152 SF	100	10	5.0	1	0.06	0.8	14	0.14	17			
105A	LIVING/KITCHEN	338 SF	440	10	5.0	3	0.06	0.8	37	0.11	48			
105B	BATH	75 SF	0	0	0.0	0	0.00	0.8	0	0	0			
105C	BEDROOM	135 SF	100	10	5.0	1	0.06	0.8	12	0.13	15			
200A	LIVING/KITCHEN	379 SF	280	10	5.0	4	0.06	0.8	42	0.19	52			
200B	BATH 1	62 SF	25	0	0.0	0	0.00	0.8	0	0	0			
200C	BEDROOM 1	141 SF	200	10	5.0	1	0.06	0.8	16	0.1	19			
200D	BEDROOM 2	128 SF	70	10	5.0	1	0.06	0.8	14	0.25	18			
200E	BATH 2	47 SF	25	0	0.0	0	0.00	0.8	0	0	0			
201A	CORRIDOR	54 SF	30	0	0.0	0	0.00	0.8	3	0.14	4			
201B	BEDROOM	128 SF	160	10	5.0	1	0.06	0.8	14	0.12	18			
201C	BATH	68 SF	40	0	0.0	0	0.00	0.8	0	0	0			
201D	LIVING/KITCHEN	327 SF	380	10	5.0	3	0.06	0.8	36	0.12	45			
202A	CORRIDOR	63 SF	40	0	0.0	0	0.00	0.8	3	0.1	4			
202B	BEDROOM	127 SF	160	10	5.0	1	0.06	0.8	14	0.11	17			
202C	BATH	42 SF	35	0	0.0	0	0.00	0.8	0	0	0			
202D	LIVING/KITCHEN	298 SF	365	10	5.0	3	0.06	0.8	33	0.11	41			
203A	LIVING/KITCHEN	313 SF	390	10	5.0	3	0.06	0.8	38	0.12	48			
203B	BEDROOM	130 SF	40	0	0.0	0	0.00	0.8	0	0	0			
203C	BATH	60 SF	170	10	5.0	1	0.06	0.8	14	0.11	18			
204A	CORRIDOR	64 SF	20	0	0.0	0	0.00	0.8	4	0.24	5			
204B	BEDROOM	144 SF	170	10	5.0	1	0.06	0.8	16	0.12	20			
204C	LIVING/KITCHEN	328 SF	380	10	5.0	3	0.06	0.8	36	0.12	45			
204D	BATH	65 SF	40	0	0.0	0	0.00	0.8	0	0	0			
205A	BEDROOM	129 SF	120	10	5.0	1	0.06	0.8	14	0.15	18			
205B	BATH	55 SF	30	0	0.0	0	0.00	0.8	0	0	0			
205C	LIVING/KITCHEN	399 SF	450	10	5.0	4	0.06	0.8	44	0.12	55			
206A	BEDROOM	121 SF	160	10	5.0	1	0.06	0.8	13	0.1	17			
206B	BATH	45 SF	50	0	0.0	0	0.00	0.8	0	0	0			
206C	LIVING/KITCHEN	364 SF	390	10	5.0	4	0.06	0.8	40	0.13	50			
207	CORRIDOR	217 SF	75	0	0.0	0	0.00	0.8	13	0.22	16			
208	CORRIDOR	382 SF	525	0	0.0	0	0.00	0.8	22	0.05	27			

ELECTRIC WATER HEATER SCHEDULE														
UNIT ID	UNIT TAG	AREA/ SYSTEM SERVED	TANK VOLUME GALLONS	CAPACITY TOTAL WATTAGE	RECOVERY GPH	EWT °F	LWT °F	DIMENSIONS, INCHES		ELECTRICAL VOLTAGE	PHASE	MANUFACTURER	MODEL NUMBER	NOTES
								DIAMETER	HEIGHT					
WH 2	WHITE BOX 2	20	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK	FUTURE	
WH 3	WHITE BOX 3	20	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK	FUTURE	
WH 4	APARTMENT 103A	40	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK		
WH 5	APARTMENT 104	40	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK		
WH 7	APARTMENT 201	40	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK		
WH 8	APARTMENT 202	40	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK		
WH 9	APARTMENT 203	40	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK		
WH 10	APARTMENT 104	40	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK		
WH 11	APARTMENT 205	40	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK		
WH 12	APARTMENT 206	40	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK		
WH 13	APARTMENT 207	40	4500	21	40	130	1" - 6"	5" - 1"	240	1	LOCHINVAR	LET-40-DAK		

PLUMBING FIXTURE SCHEDULE - FLOOR DRAINS/ FLOOR SINKS/ TRENCH DRAINS											
UNIT ID	CONNECTION SIZE IN INCHES				DESCRIPTION	BODY MATERIAL	TOP SHAPE	CONNECTION MATERIAL	OUTLET FITTING	COATING	ACCESSORIES
	CW	HW	SAN	VENT							
FD-1	-	-	3	-	ROUND ADJUSTABLE FLOOR DRAIN WITH NICKEL BRONZE STRAINER	PVC	ROUND	PVC	SOLVENT	NO	-
FD-2	-	-	2	-	ROUND ADJUSTABLE FLOOR DRAIN WITH NICKEL BRONZE STRAINER	PVC	ROUND	PVC	SOLVENT	NO	DECK PLATE

PLUMBING FIXTURE SCHEDULE - WATER CLOSET/ URINAL														
UNIT ID	CONNECTION SIZE IN INCHES				MATERIAL	COLOR	MOUNTING	WATER CLOSET/ URINAL			FLOW RATE GPM	DESCRIPTION	MANUFACTURER/ MODEL NUMBER	NOTES
	CW	HW	SAN	VENT				BOWL TYPE	INSTALLED RIM HEIGHT IN.	SUPPLY LOCATION				
WC-1	3/4	-	3	2	VITREOUS CHINA	WHITE	FLOOR	ELONGATED	17"	LEFT/RIGHT	1.8	FLUSH TANK	KOHLER K-4731-C	FIXTURE AND TRIM SHALL BE ADA COMPLIANT. PROVIDE WAX RING/ BOLT KIT
WC-2	3/4	-	3	2	VITREOUS CHINA	WHITE	FLOOR	ELONGATED	20"	LEFT/RIGHT	1.28	FLUSH TANK	KOHLER K-3999	PROVIDE WAX RING/ BOLT KIT

PLUMBING FIXTURE SCHEDULE - SHOWER/BATHTUB											
UNIT ID	CONNECTION SIZE, INCHES				BASIN	DRAIN TYPE	MANUFACTURER/ MODEL	FLOW RATE GPM	TRIM	VALVE	NOTES
	CW	HW	SAN	VENT							
SH-1	3/4	3/4	2	-	ACRYLX	FINISH BY ARCH	1-PIECE ROLL-IN SHOWER, CENTER DRAIN, TEXTURED BOTTOM	1.5	MULTIFUNCTION HANDSHOWER, RAINHEAD, SINGLE HANDLE ON/OFF CONTROL AND TEMP CONTROL, RAIN HEAD ARM WITH FLANGE, WALL MOUNT SUPPLY ELBOW WITH CHECK VALVE, 24" SLIDE BAR, 60" NOSE, VALVE TRIM, AND HAND SHOWER	KOHLER K-28914-Y	PRESSURE BALANCING MIXING VALVE AND CARTRIDGE KIT ASSE-1016
SH-2	3/4	3/4	2	-	ACRYLX	FINISH BY ARCH	60"x30" BASIN	1.5	MATTE BLACK FINISH, SINGLE HANDLE ON/OFF TEMPERATURE SETTING, SHOWER ARM AND FLANGE	KOHLER K-TS28128-4G	PRESSURE BALANCING MIXING VALVE AND CARTRIDGE KIT ASSE-1016
SH-3	3/4	3/4	2	-	ACRYLX	FINISH BY ARCH	60"x36" BASIN	1.5	MATTE BLACK FINISH, SINGLE HANDLE ON/OFF TEMPERATURE SETTING, SHOWER ARM AND FLANGE	KOHLER K-TS28128-4G	PRESSURE BALANCING MIXING VALVE AND CARTRIDGE KIT ASSE-1016

PLUMBING FIXTURE SCHEDULE - LAVATORY/ SINK															
UNIT ID	CONNECTION SIZE IN INCHES				MATERIAL	MOUNTING	COLOR	LAVATORY/ SINK FIXTURE			FAUCET		MANUFACTURER/ MODEL NUMBER	NOTES	
	CW	HW	SAN	VENT				NUMBER OF BOWLS	BOWL DIMENSIONS L"W"x"D"	OVERALL DIMENSIONS L"W"x"D"	MANUFACTURER/ MODEL NUMBER	FLOW RATE GPM			DESCRIPTION
L-1	1/2	1/2	1 1/2	1 1/2	VITREOUS CHINA	UNDERMOUNT	WHITE	1	18-5/8"x12-1/4"x5-5/8"	20-7/8"x13-3/8"x1-1/8"	KOHLER K-2214	0.5	FINISH MATTE BLACK; TWO LEVEL ON/OFF AND TEMPERATURE SETTING, 5/12" SPOUT	KOHLER VENZA K-28124-BL	FIXTURE AND TRIM SHALL BE ADA COMPLIANT; PROVIDE KOHLER K-9999 P-TRAP AND TAILPIECE WITH GRID STRAINER, FIXTURE STOPS AND SUPPLY HOSES
SK-1	1/2	1/2	1 1/2	1 1/2	STAINLESS STEEL	UNDERMOUNT	..	2	16-9/16"x14-9/16"x9"	33"x22"x5-1/4"	KOHLER K-3820-3	1.5	FINISH MATTE BLACK; GOOSENECK WITH SPRAY FAUCET, SWIVEL AND PULL DOWN SPRAY	KOHLER K-596	DRAIN SHALL BE KOHLER K-8799 DRAIN STRAINER AND TAILPIECE. P-TRAP ASSEMBLY SHALL BE CAST BRASS WITH CLEANOUT, WATER STOPS, PROVIDE SUPPLY FIXTURE STOPS
SK-2	1/2	1/2	1 1/2	1 1/2	STAINLESS STEEL	UNDERMOUNT	..	2	14-9/16"x16-9/16"x6"	33"x22"x6-5/16"	KOHLER K-3996-4	1.5	FINISH MATTE BLACK; GOOSENECK WITH SPRAY FAUCET, SWIVEL AND PULL DOWN SPRAY	KOHLER K-596	FIXTURE AND TRIM SHALL BE ADA COMPLIANT; DRAIN SHALL BE KOHLER K-8799 DRAIN STRAINER AND TAILPIECE. P-TRAP ASSEMBLY SHALL BE CAST BRASS WITH CLEANOUT, WATER STOPS, PROVIDE SUPPLY FIXTURE STOPS