ENCLOSED PARKING GARAGE EXHAUST, OMSC 2022 404.1

LEVEL	AREA SERVED (SF)	FULL-ON (CFM)	STANDBY (CFM)	CONTROL	FANS, CAPACITY	DETECTORS	RECORD
NO GARAGE LEVEL IN THE IBG							

RESIDENTIAL KITCHEN EXHAUST, OMSC 2022 403.3 AND 505

UNIT TYPE	KITCHENS	RATE	DUCT	SIZE	LONGEST RUN (FT)	MAKEUP AIR	RECORD
1BR	23	150 CFM INTERMITTENT OR 50 CONTINUOUS	SHEET METAL TO OUTDOORS, BACKDRAFT DAMPER	NOT PROVIDED — BY OTHERS	20.12	NOT REQUIRED	MEP-KEX-SYS
ST	23	150 CFM INTERMITTENT OR 50 CONTINUOUS	SHEET METAL TO OUTDOORS, BACKDRAFT DAMPER	NOT PROVIDED — BY OTHERS	21.20	NOT REQUIRED	MEP-KEX-SYS

CLOTHES DRYER EXHAUST, OMSC 2022 504

UNIT TYPE	DRYERS	DUCT	LONGEST RUN (FT)	ELBOWS	EQUIV. LENGTH AT FULL RISE (FT)	OVER THE LIMIT	RISE ALLOWED (FT)	NO EXTERIOR FACE	RECORD
1BR	23	4 IN. METAL	15.08	2	35.08	22	9.92	0	MEP-DRY-SIZE, -LEN
ST	23	4 IN. METAL	19.26	2	39.26	23	5.74	0	MEP-DRY-SIZE, -LEN

NOTES

1. A RECIRCULATING HOOD IS NOT THE KITCHEN EXHAUST: TABLE 403.3.1.1 NOTE B REQUIRES MECHANICAL EXHAUST AND 403.2.1 FORBIDS RECIRCULATING IT. A LISTED DUCTLESS HOOD STANDS ONLY WHERE CHAPTER 4 EXHAUST IS PROVIDED ANOTHER WAY (505.3 EXCEPTION 1). NO ROW SIZES THE KITCHEN DUCT.
2. DRYER DUCT: METAL 0.016 IN. MINIMUM, SMOOTH INSIDE; NO FIRE OR SMOKE DAMPERS AND NO BOOSTER FANS; A BACKDRAFT DAMPER AT THE TERMINATION, 3 FT FROM OPENINGS INTO THE BUILDING; A DRYER CLOSET TAKES A 100 SQ IN. OPENING OR OTHER MAKEUP AIR.
3. EQUIVALENT LENGTH: THE RISE AT THE FULL LEVEL HEIGHT, PLUS THE RUN, PLUS EACH 90-DEGREE ELBOW AT 5 FT, AGAINST 35 FT. A RUN OVER THE LIMIT TAKES THE DRYER MANUFACTURER'S LENGTH (504.9.4.2) OR A LISTED POWER VENTILATOR'S (504.9.4.3), AND A PERMANENT LABEL GIVES ITS EQUIVALENT LENGTH (504.9.5).
4. OMSC 2025, IN FORCE SINCE 2026-04-01: THE SAME GARAGE RATES AND CONTROL; EVERY GROUP R-2 KITCHEN TAKES 150 CFM INTERMITTENT OR 50 CONTINUOUS (TABLE 403.3.2.3); DRYER ROWS UNCHANGED.

1 **GARAGE AND SPECIAL EXHAUST**
SCALE: NTS

SHEET NOTES

1. HVAC: SPECIFIED IN SECTION 23 81 00.
2. COMMISSIONING: SPECIFIED IN SECTION 01 91 13.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
CIVIL	NOT PROVIDED — BY OTHERS
MECHANICAL	NOT PROVIDED — BY OTHERS
PLUMBING	NOT PROVIDED — BY OTHERS
ELECTRICAL	NOT PROVIDED — BY OTHERS
LANDSCAPE	NOT PROVIDED — BY OTHERS
FIRE PROTECTION	NOT PROVIDED — BY OTHERS
GEOTECHNICAL	NOT PROVIDED — BY OTHERS

REVIEW

Prepared for review by the design professional of record. Not for construction or permit submission.

PROJECT

Architecture.Engineering — L courtyard study

FICTIONAL STUDY: NO REAL PARCEL
ARCHITECTURE.ENGINEERING — L COURTYARD STUDY
OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

MARK	DATE	DESCRIPTION

REGISTER

Project	AE-STUDY-L01
Issue	NOT PROVIDED — BY OTHERS
Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

The set's open issue is stated on the cover, G0.01.

GARAGE AND SPECIAL EXHAUST

SHEET

M6.1