

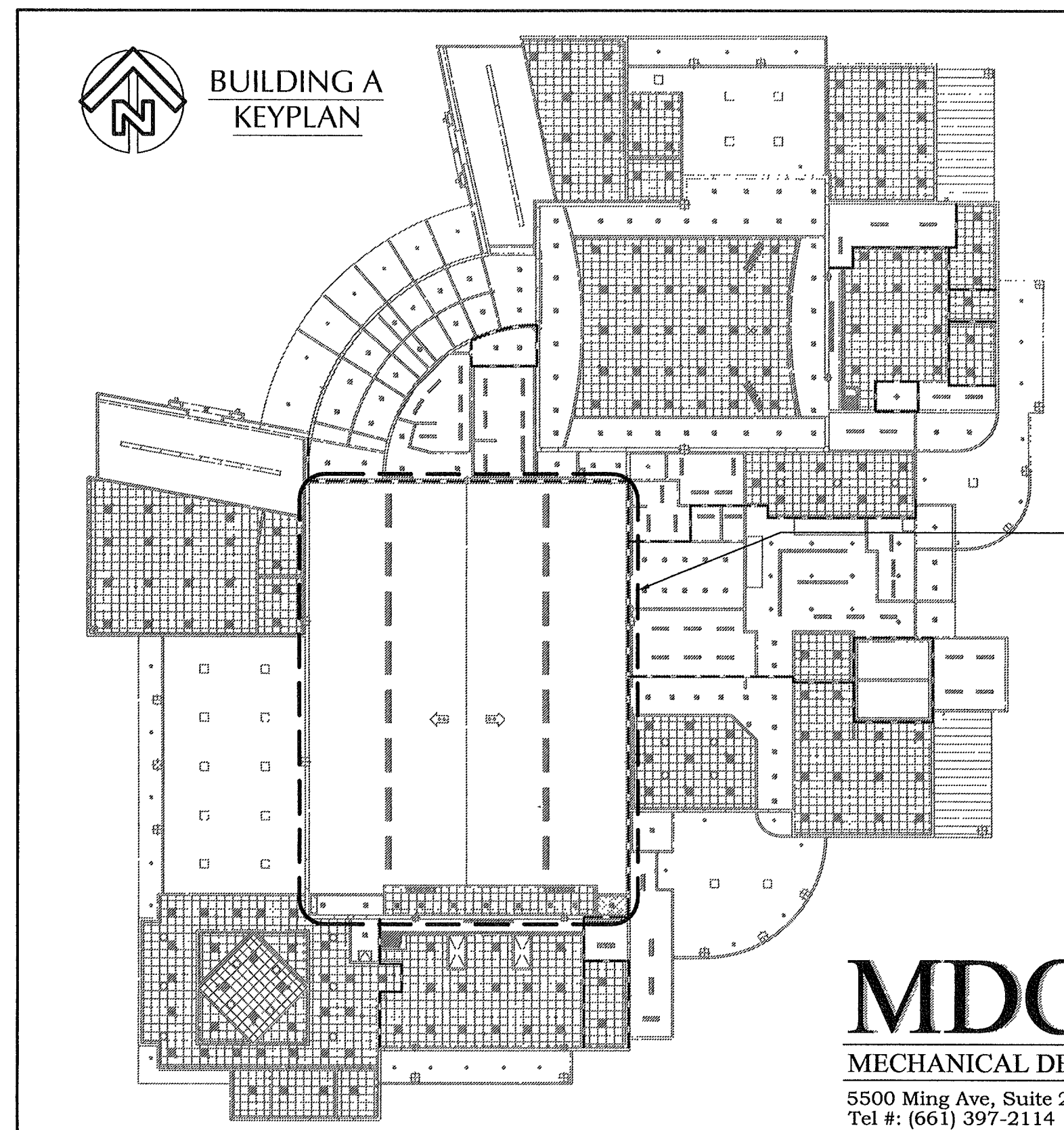
MECHANICAL KEYNOTES:

1. 28" x 20" return duct above and 28" x 20" supply duct below routed thru wall, typical. Dimensions are net inside 2" acoustical liner.
2. Tee fitting with 20" x 20" duct each way, typical.
3. WR-1 Titus 3552RL 22" x 22" zero deflection return grille on each side of return tee.
4. Etch, prime coat, and paint with two coats ductwork, hangers, and grilles, color as directed by architect. Paint all visible surfaces behind grilles flat black.
5. DS-1 spiral mounted supply grille, 36" x 12", 1320 CFM, typical of four per AC system serving gym. Locate at 30 degrees off of horizontal.
6. Duct hanger, typical. See detail A/M-231A.
7. AC thermostat and CO2 sensor. Mount per detail H/M-504.
8. Roof mounted exhaust fan with 18" x 18" exhaust duct thru roof with 1" acoustical liner.
9. WR-1 Titus 3502RL zero deflection grille, typical of four per drop.
10. Duct penetrations occur 24" above adjacent roof. Openings are above the top extents of the occupancy separation.

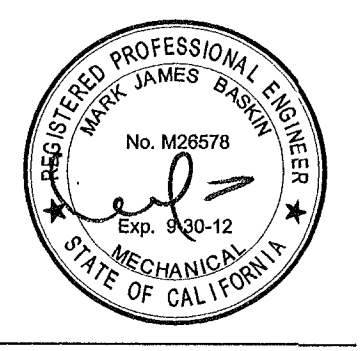
NOTE: FIRE BARRIER SEPARATION ONLY REQUIRED TO EXTEND TO LOWER ROOF SHEATHING. DUCTS DO NOT PASS THRU RATED ASSEMBLY.

PARTIAL MECHANICAL PLAN - GYMNASIUM/CAFETERIA (BUILDING A)

SCALE: 3/16"=1'-0"



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NEW MIDDLE SCHOOL
4115 VINELAND ROAD
BAKERSFIELD CALIFORNIA 93306
FOR:
BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD CALIFORNIA 93305

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