

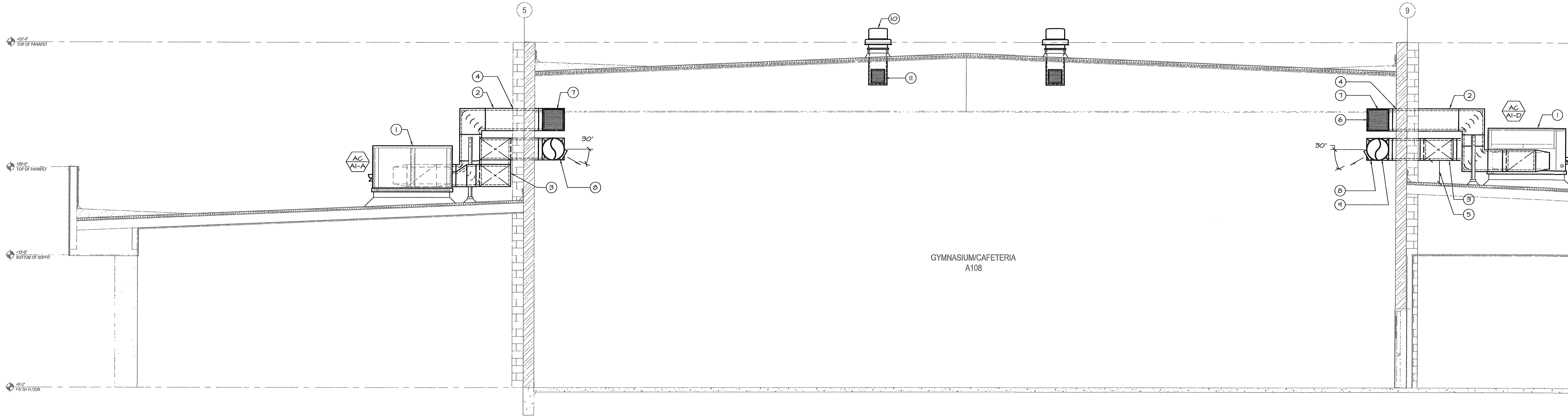


DANNY E. ORDIZ, AIA  
 ARCHITECT C-14,728  
 WILLIAM J. MELBY, AIA  
 ARCHITECT C-16,835

IDENTIFICATION STAMP  
 DIVISION OF STATE ARCHITECT  
 OFFICE OF REGULATION SERVICES  
 APPL. #02-112027  
 FILE # 15-6  
 AC [Signature] SS GR  
 DATE JAN 20 2012  
 PTN # 63321-112

NEW ELEMENTARY SCHOOL  
 9801 HIGHLAND KNOLLS DR  
 BAKERSFIELD CALIFORNIA 93306  
 NEW MIDDLE SCHOOL  
 4115 VINELAND ROAD  
 BAKERSFIELD CALIFORNIA 93306

FOR:  
 BAKERSFIELD CITY SCHOOL DISTRICT  
 1300 BAKER STREET  
 BAKERSFIELD CALIFORNIA 93305

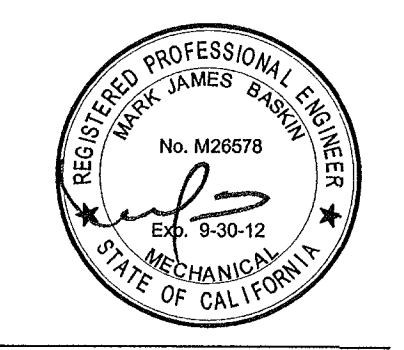
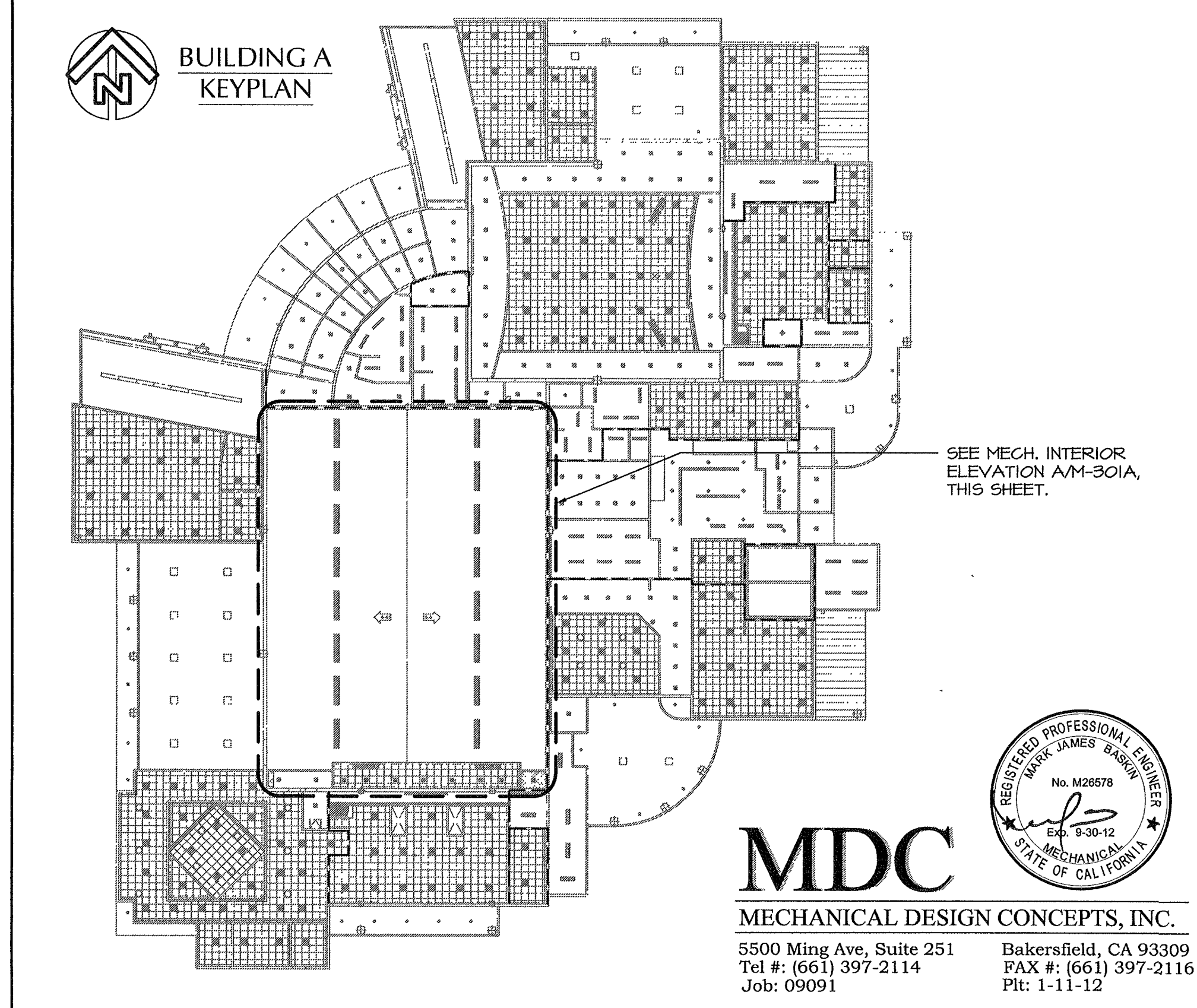


MECHANICAL SECTION - GYMNASIUM/CAFETERIA  
 SCALE 1/4"=1'-0"

A

MECHANICAL SECTION KEYNOTES:

1. Roof mounted AC unit serving gymnasium, typical. See detail AM-503 for anchorage.
2. 20" x 28" return duct with 2" liner (24" x 32" net sheet metal dimensions).
3. 28" x 20" supply duct with 2" liner (32" x 24" net sheet metal dimensions).
4. Line up duct penetrations of exterior wall on block modules.
5. Bottom duct shall be approximately 24" above adjacent roof (on east side of gym).
6. 28" x 20" to 20" x 20" tee fitting (20" x 20" each direction w/ 2" liner). Typical for both supply and return ducts.
7. Titus 355ZRL 22" x 22" zero deflection return grille on each side of return tee.
8. 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.
9. 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. Exclude painting of DS-1 supply grilles - luster finish.
10. Roof mounted exhaust fan with 18" x 18" exhaust duct thru roof with 1" acoustical liner.
11. Titus 350ZRL zero deflection grille, typical of four per drop.



MDC  
 MECHANICAL DESIGN CONCEPTS, INC.  
 5500 Ming Ave, Suite 251 Bakersfield, CA 93309  
 Tel #: (661) 397-2114 FAX #: (661) 397-2116  
 Job: 09091 Pfc: 1-11-12

MARK	DATE	DESCRIPTION
△		
△		
△		
△		

JOB NUMBER:  
 20010244  
 CAD DRAWING FILE:  
 DRAWN BY:  
 KW  
 CHECKED BY:  
 MB  
 CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK. REPORT DISCREPANCIES TO THE ARCHITECT.  
 THE DRAWINGS, IDEAS, AND DESIGNS REPRESENTED ON THIS SHEET ARE THE PROPERTY OF THE ARCHITECT.  
 COPYRIGHT:  
 ORDIZ-MELBY ARCHITECTS, INC. 2010  
 SHEET TITLE

MECHANICAL SECTION - BUILDING A

SHEET IDENTIFICATION NUMBER  
 M-301A