APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS

NAME OF PROJECT: MURPHY ELEMENTARY SCHOOL
507 VALLEY RIVER AVENUE
EDUCATIONAL
CHEROKEE COUNTY SCHOOLS

(704) 837-2424 MURPHY NORTH CAROLINA 28906

DESIGNER OF RECORD

ORKAN ARCH P.A.	3425	(704)527-5555
BULLARD ASSOC	3934	(704)527-7100
MCKNIGHT-SMITH-WARD-GRIFFIN	8239	(704)527-2112
MCKNIGHT-SMITH-WARD-GRIFFIN	8239	(704)527-2112
KING - GUINN	5603	(704)597-1240
ROBERT M. JORDAN	37	(704)527-5555
BULLARD ASSOC	3934	(704)527-7100

BUILDING DATA

EDUCATIONAL

FIRE RESISTANCE RATING

4 HR		U901-CMU
NC	1/A 23	
NC		
NC		
NC		
NA		
NA		
NA		
NA		
NA		
NA		
NA		
NC		
NC		
NC		
NA		
NA		
NA		
NA		
NA		

(NC = NON-COMBUSTIBLE NA = NOT APPLICABLE)

NEW BUILDING

12/26	12/32
16,564 SF	11,932 SF 13,633 SF
823 SF	905 SF 1,925 SF
17,387 SF	41,915 SF 59,345 SF

EXISTING FLOOR PLAN

80

ZONE

SHEAR WALL

ENERGY REQUIREMENTS

THERMAL ENVELOPE METHOD

MEETS ASHRAE/IES 90.1 INSULATION

NONE

4 BRICK & BLOCK WITH INSULATION

N/A

MECHANICAL SYSTEM AND EQUIPMENT METHOD

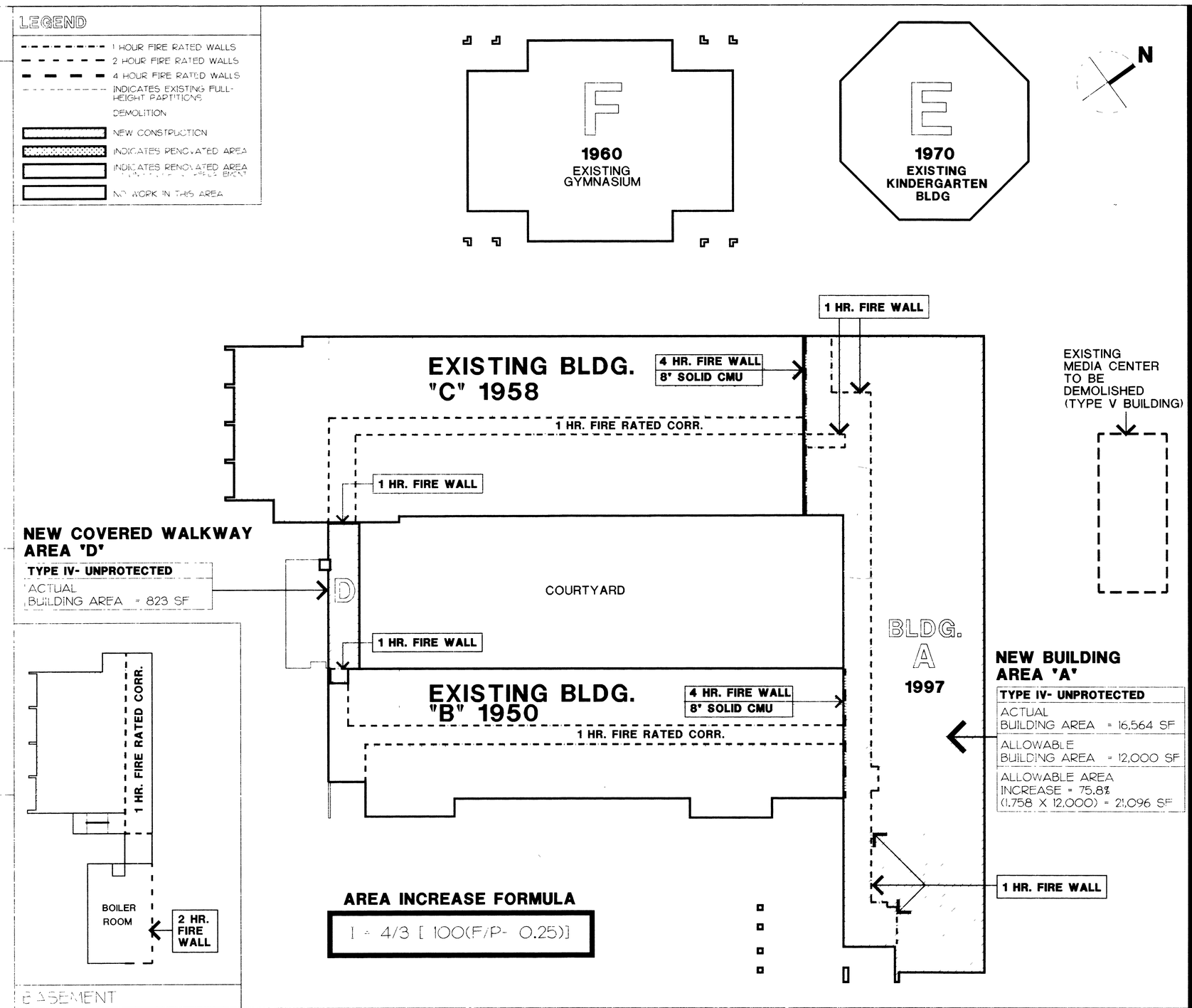
SEE ELECTRICAL DWGS. AND SPECS. FOR INFORMATION.

MIKE WARREN
PROJECT ENGINEER

2 BUILDING ENERGY PERFORMANCE CRITERIA FOR BUILDINGS OVER 15,000 S.F.

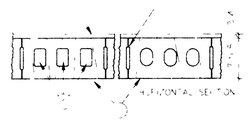
LEGEND

- 1 HOUR FIRE RATED WALLS
- 2 HOUR FIRE RATED WALLS
- 4 HOUR FIRE RATED WALLS
- INDICATES EXISTING FULL-HEIGHT PARTITIONS
- DEMOLITION
- NEW CONSTRUCTION
- INDICATES RENOVATED AREA
- INDICATES RENOVATED AREA (PARTIAL FIELD BASIS)
- NO WORK IN THIS AREA

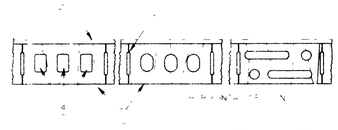


1 COMPOSITE FLOOR PLAN - CODE INFORMATION

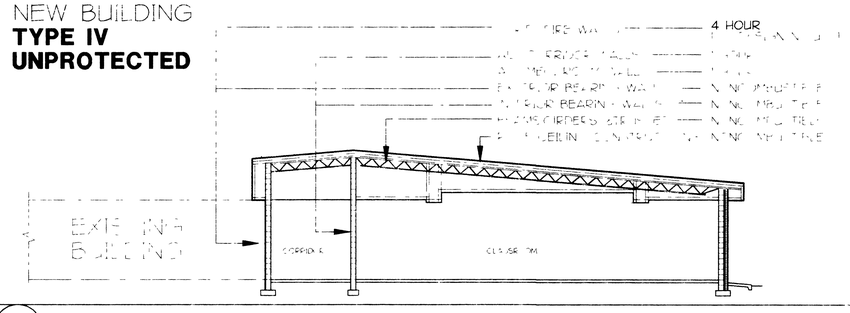
4 HR. FIRE CMU



2 HR. FIRE CMU



NEW BUILDING
TYPE IV UNPROTECTED



3 U. L. DESIGN NO. U901
NOT TO SCALE (FROM UL-1995 BOOK)

4 U. L. DESIGN NO. U905
NOT TO SCALE (FROM UL-1995 BOOK)

5 BUILDING SECTION - CODE INFORMATION
N.T.S.

ORKAN ARCHITECTURE P.A.
PROFESSIONAL ASSOCIATION
4701 HEDGEMORE DRIVE
CHARLOTTE, NORTH CAROLINA 28209
TEL 527-5555
FAX 527-5556

SEAL

SEAL

ORKAN ARCHITECTURE P.A. (FIRM #1721) (ARCHITECTURE) (ARCHITECTURE) (ARCHITECTURE