

Remodel & Addition for  
**Masjid Al. Noor**  
 Wichita, Kansas

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  - 2 Floor Plan, Elevations & Section A-A
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SITE PLAN  
 1" = 20'-0"  
 BZA 18-83



DATA SCHEDULE

**SITE ANALYSIS**

LEGAL DESCRIPTION: LOTS 89, 97, 99, 91, 93 AND 95 IN BLOCK 5 OF COLLEGE TERRACE ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

ZONING: "A"

PARKING: BASED ON ASSEMBLY ROOM CAPACITY, 1,012 SQUARE FEET/15 STALLS/100'S, PLUS 1 FOR RESIDENCES, 15 REQUIRED, 14 SHOWN.

**BUILDING**

AREA: EXISTING, 1,288 SQUARE FEET; ADDITION, 1,322 SQUARE FEET; TOTAL, 2,610 SQUARE FEET

CONSTRUCTION TYPE: "S-N"

OCCUPANCY TYPE: "A-3"

AREA SEPARATION: "B1" TO "A1" ONE HOUR, BASEMENT TO FIRST FLOOR ONE HOUR.

**DESIGN LOADS**

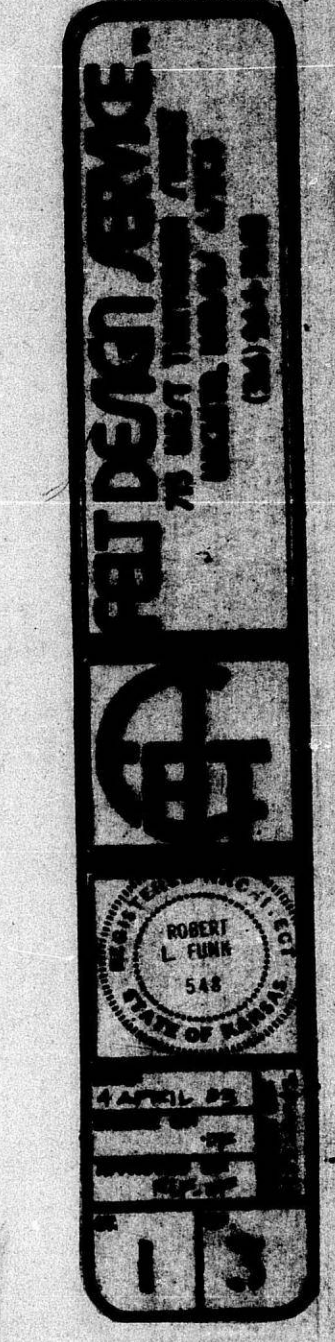
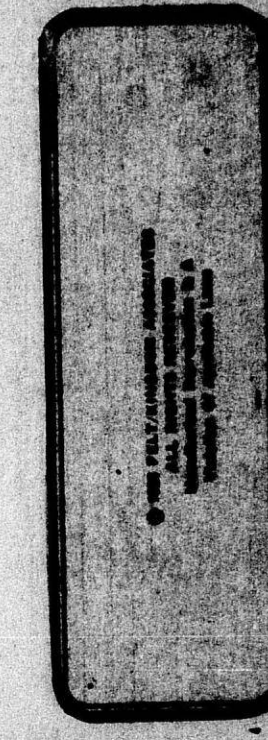
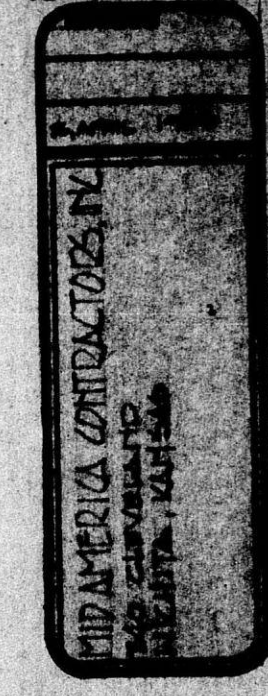
ROOF: 20 PSF LIVE LOAD  
 WALLS: 25 PSF WIND LOAD  
 1ST FLOOR: 100 PSF LIVE LOAD  
 CONCRETE: 3,000 PSI 28 DAY  
 SOIL BEARING: 2,000 PSF MAXIMUM

**THERM DATA (ADDITION)**

ASSEMBLY	AREA	U	DESIGNED	DESIGNED LOSS	U	ALLOWED	ALLOWED LOSS
ROOF	1,200 S.F.	.033 (RSI)	3.772	1,088		0.088	28,400
WALLS	1,400 S.F.	.027 (RSI)	3.624	1,200		0.088	28,400
FOUNDATION	140 S.F.	10.0	2.035	54.8		0.025	5,225
TOTAL			13.398	13,398			62,025

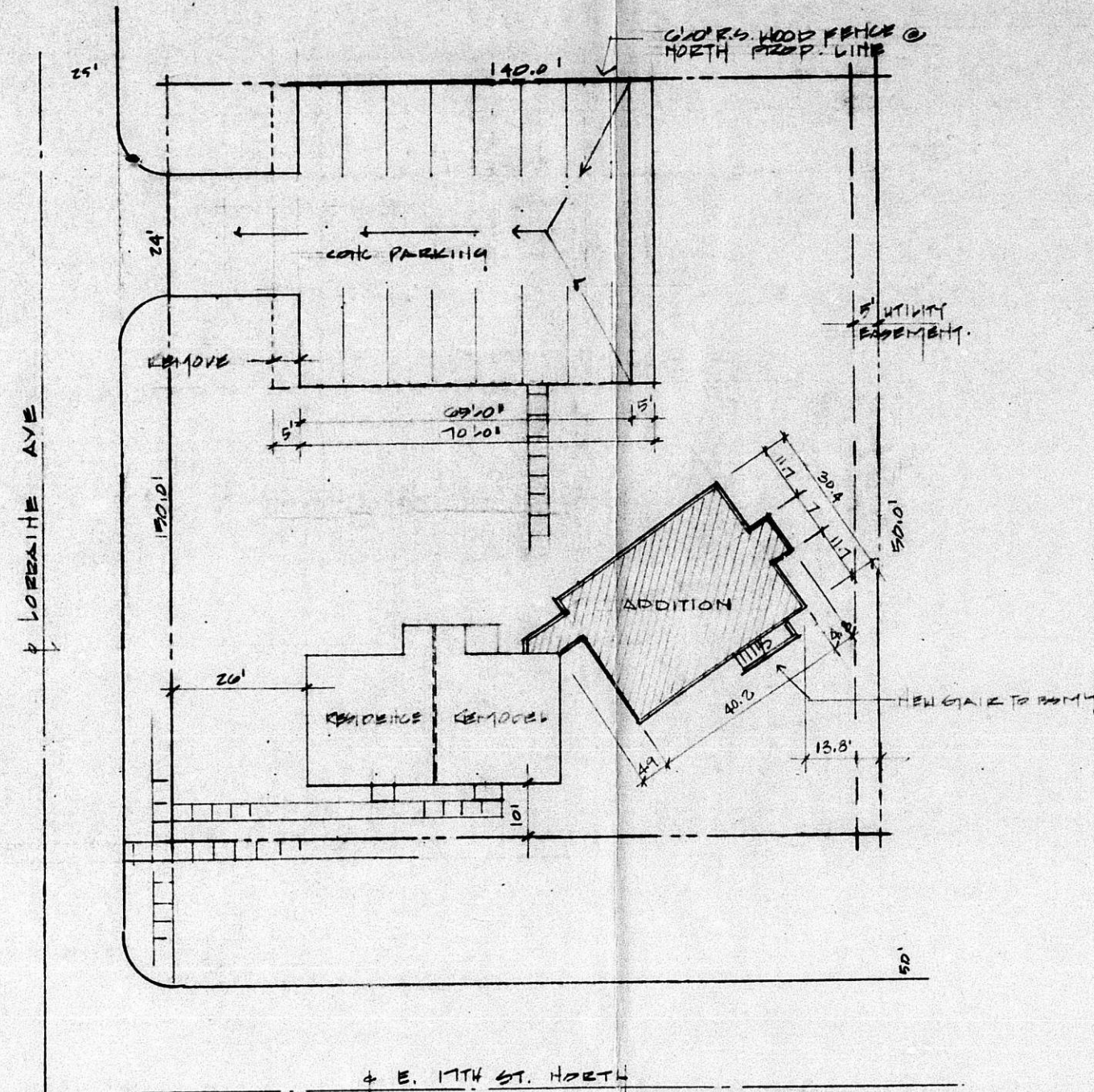
70°F TEMPERATURE DIFFERENCE.

BZA 18-83





BZA 18-83



SITE PLAN  
1" = 20'-0"  
BZA 18-83

DATA SCHEDULE

**SITE ANALYSIS**

LEGAL DESCRIPTION: LOTS 89, 91, 93 AND 95 IN BLOCK 2 OF COLLEGE TERRACE ADDITION TO WICHITA, SEDWICK COUNTY, KANSAS.

ZONING: "A"

PARKING: BASED ON ASSEMBLY ROOM CAPACITY, 1,072 SQUARE FEET/13 STALLS/13, PLUS 1 FOR RESIDENCE, 14 REQUIRED, 14 SHOWN.

**BUILDING AREA**

EXISTING: 1,394 SQUARE FEET  
ADDITION: 1,182 SQUARE FEET  
TOTAL: 2,576 SQUARE FEET

**CONSTRUCTION TYPE**: "A-N"

**OCCUPANCY TYPE**: "A-1"

**AREA SEPARATION**: "R1" TO "A3" ONE HOUR, BASEMENT TO FIRST FLOOR ONE HOUR.

**DESIGN LOADS**

ROOF: 30 PSF LIVE LOAD  
WALLS: 25 PSF WIND LOAD  
1ST FLOOR: 100 PSF LIVE LOAD  
CONCRETE: 3,000 PSI 28 DAY  
SOIL BEARING: 2,000 PSF BATHURM

**TERMO DATA (ADDITION)**

ASSEMBLY AREA	"U" DESIGNED	DESIGNED LOSS	"U" ALLOWED	ALLOWED LOSS
ROOF	1,000 S.F.	0.33 (R30)	0.25	7,224
WALLS	1,400 S.F.	0.27 (R21)	0.20	25,450
FOUNDATION	140 S.F.	0.0	0.0	0
TOTAL				32,674

1°C TEMPERATURE DIFFERENCE.

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