ZAINAB WORSHIP FACILITY

PROJECT CRITERIA

LOCATION: EYE/MEDICINE BUILDING BLOCK 200, LOT 6-0-0-0-E 158.24 FT LOT 4, LOT 5
SOUTH FOR COUNTY LINE, LYN, 686-2954 A2-2-0-0-0-0
LOT 4, NO. 00031220004, LYN, NEAR TRACT 2-0-0-0

BUILDING CRITERIA

CORE: 2019 IBC MARRIOTT

ZONING: AC - GENERAL COMMERCIAL

CONSTRUCTION TYPE: C1 - (STANDARD) CONSTRUCTION

OCCUPANCY: A - (MEDICAL)

HEIGHT: UNLIMITED

ALLOWABLE BUILDING AREA CALCULATION:

\[ A = \frac{FW}{2}(FW+2) \]

\[ A = 1,000 \, SF \]

\[ NO = \frac{17.5}{6} \]

\[ F = 220 \]

\[ P = 10 \]

\[ H = \frac{15(150)}{360} + \frac{15(150)}{360} + \frac{15(150)}{360} + \frac{15(150)}{360} + \frac{15(150)}{360} + \frac{15(150)}{360} \]

\[ = 3.6 \]

\[ IF = \frac{220}{17.5} \approx 12.6 \]

\[ Ap = \frac{15(150)}{360} + \frac{15(150)}{360} + \frac{15(150)}{360} \]

\[ = 300 \, SF \]

\[ = 1,000 \, SF \]

\[ = 1,000 \, SF \]

\[ = 24,500 \, SF \]

SITE AREA:

50,000 SF

IMPERVIOUS SURFACE:

51, 204 SF

PARKING CALCULATIONS

NEW BUILDING REQUIRED:

\[ PRAYER AREA - 51.25 \times 5 = 256 \text{ STALLS} \]

RESIDENTIAL - 8 TWO BEDROOM UNITS X 1.5 = 12 STALLS

TOTAL REQUIRED:

268 STALLS (INCLUDES 9 H.C.)

TOTAL PROVIDED:

215 STALLS (INCLUDES 9 H.C.)

LANDSCAPING

PARKING AND CIRCULATION AREA:

\[ 50 \times 50 - 51 \times 1,682 = 51 \times 2,040 \]

\[ = 1,641 \, SF \]

DRAWING INDEX

A1.1 - SITE PLAN AND PROJECT INFORMATION

SEPARATE SUBMITTALS

ELECTRICAL

MECHANICAL

PLUMBING

FIRE SPRINKLER

TYPE I HOUSING

SCHED.

A1.1

17C-3625