The HVAC system for this building is designed on the following basis:

1. Latitude: 32°
   Elevation Above Sea Level: 650 ft.
   Daily Range: 20°F

2. Outside Design Conditions:
   Summer: 100°F BD/78°F WB
   Winter: 18° F DB

3. Inside Design Conditions:
   Summer: 75° DB - 50% R.H.
   Winter: 75° DB

4. "U" Factors:
   Walls: 0.10
   Roof: 0.15

Glass:

1. 1st & 2nd floor full height glass: double glazed clear glass, Summer "U" = 0.56, Winter "U" = 0.49, *S.C. = 0.82

2. All other glass: double glazed tinted, Summer "U" = 0.64, Winter "U" = 0.58, *S.C. = 0.62

* Shading coefficent based on no interior shading.

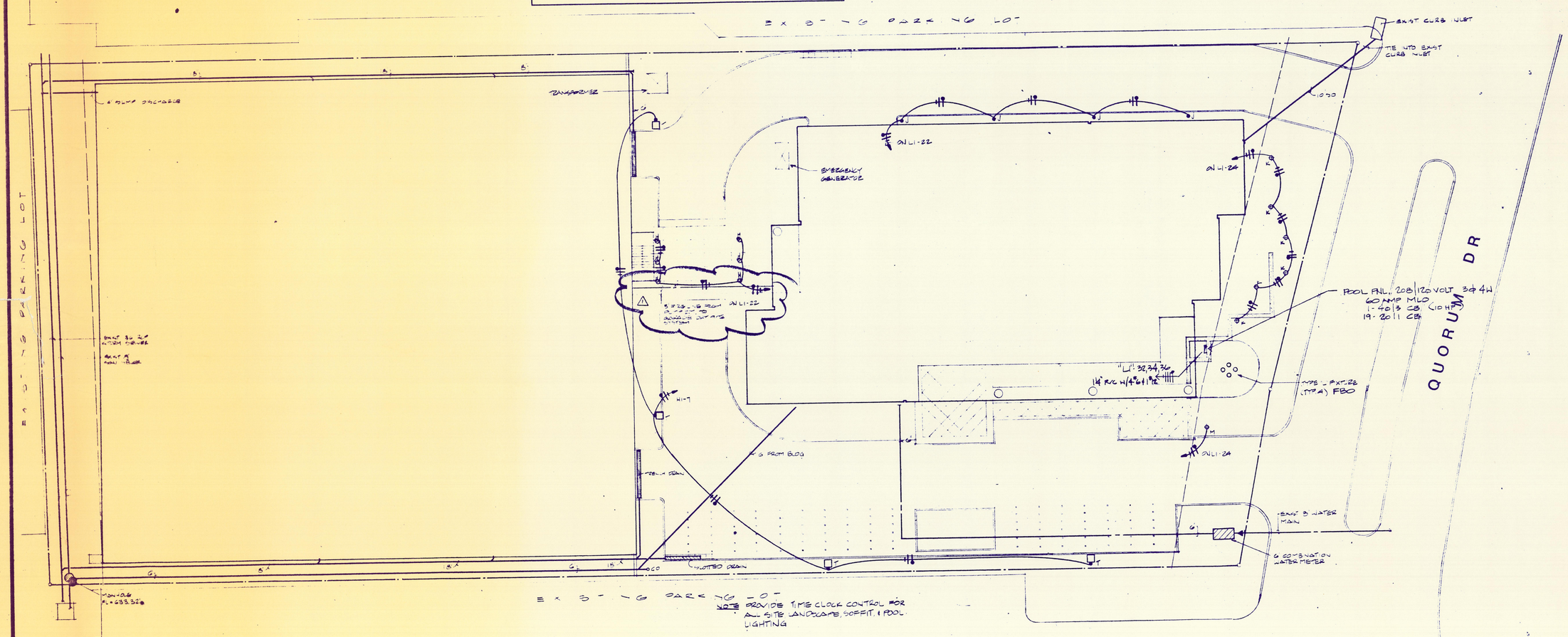
5. Interior Loads

1. Lights - Based on return air/heat removal light fixture @ 2.0 watts/sq. ft.

2. Power: Based on 0.5 watts/sq. ft.

3. People: Occupancy based on 1 person/150 sq. ft.

REVISED



SITE PLAN

Taylor-Hewlett, Inc.
ARCHITECTURE
PLANNING
INTERIORS

First Texas Tower
Suite 200
14951 Dallas Parkway
Dallas, Texas 75240
214/960-1136

STEVE DUNN & PARTNERS
CONSULTING ENGINEERS
3180 COMMONWEALTH SUITE 130
DALLAS, TEXAS 75247
(214) 637-8370

QUORUM OFFICE BUILDING

ADDISON, TEXAS

A PROJECT FOR:
HURD DEVELOPMENT CO.
14951 DALLAS PARKWAY
SUITE 900
DALLAS TEXAS 75240

DATE	ISSUED FOR	DRAWN
6/9/83	G.M.P.	
9/23/83	BUILDING PERMIT	
10-17-83	CONSTRUCTION	
2-21-83	REVISION 2	

PROJECT 821022

SHEET MEP-1