



FLOOR PLAN
3/8" = 1'-0"

BUILDING CODE DATA

CODE:
 LOCATION:
 BUILDING DIMENSIONS:
 BUILDING HEIGHT:
 BUILDING AREA:
 OCCUPANCY CLASS:
 CONSTRUCTION:
 OCCUPANT LOAD:
 BUILDING TYPE:
 BUILDING INSULATION:
 FIRE SEPARATION DISTANCE:
 FIRE RESISTANCE RATING:
 FIRE SEPARATION ASSEMBLIES:

BUILDING CODE OF NEW YORK STATE
 TOWN OF OYSTER BAY, NASSAU COUNTY, NEW YORK
 28'-0" x 38'-0" ONE STORY
 14'-6" NOMINAL EAVE - ABOVE FLOOR
 1,064 SQUARE FEET (TABLE 503)
 USE GROUP F-2 FACTORY INDUSTRIAL (SECTION 306.3)
 NON-COMBUSTIBLE TYPE 2B (SECTION 602.2, TABLE 601)
 ACTUAL - NONE; TABLE - 10 PERSONS (SECTION 1003.2.2.2)
 PRE-ENGINEERED METAL, STRUCTURAL STEEL RIGID FRAMED
 WALLS - R13, ROOF - R19
 GREATER THAN 30 FEET
 EXTERIOR WALL - 0 HR (TABLES 601 & 602)
 NOT REQUIRED (TABLE 302.3.3)

STRUCTURAL LOADS (NON-FACTORED)

- | | |
|--------------------------------------|---|
| 1. DEAD LOAD | STRUCTURAL, NONSTRUCTURAL, EQUIPMENT, PIPE, CABLE |
| 2. FLOOR LIVE LOAD | 125 POUNDS PER SQUARE FOOT |
| UNIFORMLY DISTRIBUTED LOAD | 2,000 POUNDS (ON 2 1/2 FT x 2 1/2 FT SQUARE AREA) |
| 3. ROOF LIVE LOAD | |
| 0 - 200 SQUARE FEET TRIBUTARY AREA | 20 POUNDS PER SQUARE FOOT |
| 201 - 600 SQUARE FEET TRIBUTARY AREA | 16 POUNDS PER SQUARE FOOT |
| OVER 600 SQUARE FEET TRIBUTARY AREA | 12 POUNDS PER SQUARE FOOT |
| CONCENTRATED LOAD | 200 POUNDS (ON AREA OF ONE SQUARE INCH) |
| 4. ROOF SNOW LOAD | |
| GROUND SNOW LOAD | 45 POUNDS PER SQUARE FOOT (FIGURE 1608.2) |
| SNOW EXPOSURE FACTOR | 0.9 (TABLE 1608.3.1) |
| SNOW LOAD IMPORTANCE FACTOR | 1.0 (SECTION 1604.5) |
| 5. WIND LOAD | |
| BASIC WIND SPEED (3-SECOND GUST) | 120 MILES PER HOUR (FIGURE 1609) |
| EXPOSURE CATEGORY | C (SECTION 1609.4) |
| WIND LOAD IMPORTANCE FACTOR | 1.0 (SECTION 1604.5) |
| 6. EARTHQUAKE LOAD | |
| SEISMIC USE GROUP | GROUP I (SECTION 1616.2) |
| SEISMIC IMPORTANCE FACTOR | 1.0 (SECTION 1604.5) |
| SITE CLASS | D (SECTION 1615.1.1) |
| 7. SPECIAL LOADS | |
| COLLATERAL IMPOSED CEILING LOAD | 10 POUNDS PER SQUARE FOOT |
| PIPE/CABLE & EQUIPMENT LOADS | REFER DRAWINGS |
| FLOOR LOAD | NONE |
| UNIT HEATER | 250 POUNDS EACH |
| AIR CONDITIONER | 500 POUNDS |
| 8. DEFLECTION LIMITATION | |
| EXTERIOR WALL AND ROOF SYSTEMS | NOT TO EXCEED 1/240 OF SPAN OF STRUCTURAL MEMBER |
| 9. FOUNDATION | |
| NET ALLOWABLE SOIL BEARING PRESSURE | 3,000 POUNDS PER SQUARE FOOT |
| MODULUS OF SUBGRADE REACTION | 200 KIPS PER CUBIC FOOT |

LEGEND

- + 100'-0" PROPOSED ELEVATION FEET AMSL
- EXIT EXIT SIGN INSTALLED ABOVE DOOR
- (F) FIRE EXTINGUISHER
- (D1) DOOR
- DIRECTION OF FLOOR SLOPE
- UNIT HEATER
- WALL INTERIOR PANEL
- GYPSUM BOARD WALL (FIRE-RATED)
- ⊙ FD FLOOR DRAIN

DATE PRINTED
05/25/04

100% REVIEW DRAWINGS
NOT FOR CONSTRUCTION

NOTES

- ELECTRICAL CONTRACTOR SHALL INSTALL CONDUITS IN CONTROL ROOM FLOOR SLAB AREA PRIOR TO SLAB CONSTRUCTION.
- CONTRACTOR SHALL INSTALL FLOOR SLEEVES FOR PIPING PRIOR TO SLAB CONSTRUCTION.
- REFER MECHANICAL DRAWINGS FOR PLUMBING.
- FLOOR DRAIN SHALL BE FD-2330-PV3 HEAVY DUTY WITH SEDIMENT BASKET BY ZURN (TEL. (716) 665-1131, WWW.ZURN.COM).

SCALE VERIFICATION: THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

No	Revision	Date	Initial

Approved

WARNING: ALTERING THIS DOCUMENT IS IN VIOLATION OF THE NEW YORK STATE EDUCATION LAW EXCEPTING AS PROVIDED IN SECTION 7209, PART 2 OF THE LAW.



HOOKER/RUCO SITE
HICKSVILLE, NEW YORK

BIOSPARGE TREATMENT SYSTEM

CONTROL BUILDING
FLOOR PLAN



Source Reference:		Date:	
		OCTOBER 2003	
Project Manager:	Reviewed By:	Designed By:	Drawn By:
JK	JGRW	SKM	ZM
Scale:	Project No:	Report No:	Drawing No:
3/8"=1'-0"	06883-10	045	ST-02