| BRANCH DESCRIPTION | VA PER PHASE A | | C | | BRANCH DESCRIPTION |
|---|---|---|---|---|---|
| MCBTS #1 | 1 | 8300 | | 2 | SURGE PROTECTOR |
| | 100 3 | | 8300 | 4 20 | |
| MCBTS #2 | 5 | 8300 | | 6 20 | WP/GFI OUTLET |
| | 100 7 | 180 | 8300 | 8 20 | LIGHTS |
| GENERATOR CHARGER | 20 9 | 1920 | 140 | 10 20 | TELCO GFI |
| FAN | 10 11 | 1000 | 960 | 12 20 | SPARE |

225 A 120/240 V 1 ø 3 W

MLO ____ MCB 200 AIC 10 x10³ — 19700 — 17700

PANEL PPC LOCATION EQUIP. YARD — 37400

MOUNT: SURFACE X FLUSH ____

FEEDER SEE RISER

.95 PF/1000 | 39.4 KVA | 240 V/1000 | 164 A

NEMA 3R ENCLOSURE
PPC IS SPRINT FURNISHED,CONTRACTOR INSTALLED.

(1) CONNECT PPC TO SINGLE PHASE LEGS ON ELECTRIC SERVICE. FIELD VERIFY SINGLE PHASE LEGS PRIOR TO CONNECTION.

GENERAL ELECTRICAL NOTES:

1. SEAL ALL CONDUIT PENETRATIONS THROUGH EXTERIOR WALLS WEATHERTIGHT. REFER TO ARCHITECTURAL PLANS.
2. FIRE STOP ALL CONDUIT PENTRATIONS THROUGH FIRE RATED CORRIDORS, WALLS, AND FLOORS.

GENERAL NOTE:

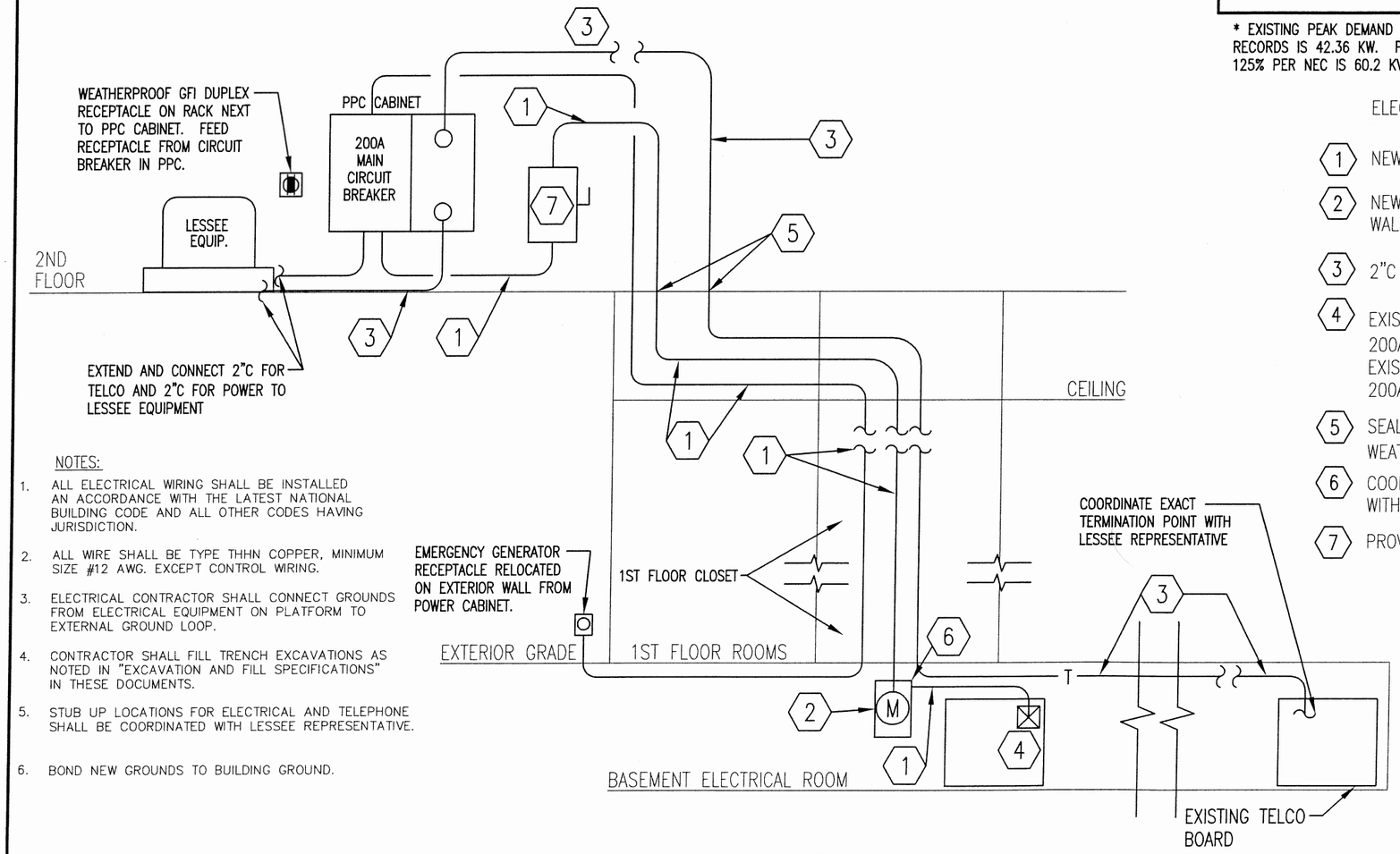
X-RAY ALL SLABS BEFORE CORE DRILLING.

## ELECTRIC LOAD SUMMARY

AREA OF SPACE NA SF — SERVICE VOLTAGE 120/208V 1ø

| | CONNECTED LOAD KVA | CONNECTED LOAD AMPS | DEMAND FACTOR | DEMAND LOAD KVA | DEMAND LOAD AMPS |
|---|---|---|---|---|---|
| LIGHTING | 0.2 | 0.6 | 1.0 | 0.2 | 0.8 |
| RECEPTACLES | 0.4 | 1.9 | 1.0 | 0.4 | 1.7 |
| MCBTS #1 | 16.6 | 80 | 1.0 | 16.6 | 70.0 |
| MCBTS #2 | 16.6 | 80 | 1.0 | 16.6 | 70.0 |
| TELCO PANEL | 0.2 | 1 | 1.0 | 0.2 | 0.8 |
| TOTAL NEW LOAD (240V/1ø) | | | | 34.0 | 143.3 |
| TOTAL NEW SERVICE CAPACITY (240V/1ø) | | | | | 200 |
| TOTAL NEW BUILDING LOAD (@240V/3ø) | | | | 34.0 | 81.9 |
| PEAK DEMAND * | | | | 60.2 | 144.9 |
| TOTAL BUILDING DEMAND (120/240V 3ø HI-LEG DELTA) | | | | 94.1 | 226.8 |
| BUILDING SERVICE CAPACITY (120/240V 3ø HI-LEG DELTA) | | | | | 700 |

* EXISTING PEAK DEMAND PER EMPOWER ENERGY RECORDS IS 42.36 KW. PEAK WITH 0.88 PF AND 125% PER NEC IS 60.2 KVA.




NOTES:

1. ALL ELECTRICAL WIRING SHALL BE INSTALLED AN ACCORDANCE WITH THE LATEST NATIONAL BUILDING CODE AND ALL OTHER CODES HAVING JURISDICTION.
2. ALL WIRE SHALL BE TYPE THHN COPPER, MINIMUM SIZE #12 AWG. EXCEPT CONTROL WIRING.
3. ELECTRICAL CONTRACTOR SHALL CONNECT GROUNDS FROM ELECTRICAL EQUIPMENT ON PLATFORM TO EXTERNAL GROUND LOOP.
4. CONTRACTOR SHALL FILL TRENCH EXCAVATIONS AS NOTED IN "EXCAVATION AND FILL SPECIFICATIONS" IN THESE DOCUMENTS.
5. STUB UP LOCATIONS FOR ELECTRICAL AND TELEPHONE SHALL BE COORDINATED WITH LESSEE REPRESENTATIVE.
6. BOND NEW GROUNDS TO BUILDING GROUND.

1/E6 **ELECTRICAL AND TELEPHONE RISER**

SCALE: SCHEMATIC

ELECTRICAL KEYED NOTES ⬡: (1/E6 ONLY)

1. NEW 3#3/0, 1#6GND, 2"C.
2. NEW 240V-1ø DIRECT READING METER MOUNTED ON WALL IN ELECTRICAL ROOM.
3. 2"C FOR TELCO WITH PULL WIRE.
4. EXISTING KINNEY SWITCHBOARD, 120/240V 3ø, 4W WITH 200A3P KINNEY "SAFUSWITCH". PROVIDE 200A FUSES FOR EXISTING 200A3P FUSED SWITCH. CIRCUIT SWITCH FOR 200A2P OPERATION FOR LESSEE EQUIPMENT.
5. SEAL OPENING AROUND CONDUIT PENETRATIONS WEATHERTIGHT.
6. COORDINATE EXACT METER LOCATION ON WALL WITH OWNER REPRESENTATIVE.
7. PROVIDE NEW 100A2PNF NEMA 3R DISCONNECT SWITCH.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HO70XC883B
4411 DALLAS STREET, HOUSTON, TX 77389

SHEET TITLE
ELECTRICAL AND TELEPHONE RISER

SHEET HISTORY

| | |
|---|---|
| DATE: | 10/28/05 |
| 1. | |
| 2. | |
| 3. | |
| 4. | |

E6

SA055068