NOTES:
1. ALL TELEPHONE OUTLETS TO HAVE 3/4" EMT STUBBED ABOVE CEILING AND ARE TO BE MTD 12" ABOVE FINISHED FLOOR TO BOTTOM OF BOX.
2. ALL RECEPTACES NOT SERVICED BY PLUGMOLD G-4000 TO MTD 12" ABOVE FINISHED FLOOR TO BOTTOM OF BOX.
3. WIREMOLD TO BE PLUGMOLD G-4000 WITH DIVIDER OR EQUAL. PLUGMOLD G-4000 TO MTD 18" ABOVE FINISHED FLOOR TO BOTTOM OF WIREMOLD.
4. AT THIS POINT CONTRACTOR TO INSTALL PLUGMOLD G-4000 "T" & ROUTE PLUGMOLD G-4000 UP WALL ABOVE CEILING & DOWN INSIDE WALL OF OFFICE #2 TO CONNECTING PLUGMOLD G-4000.
5. AT EACH LOCATION WHERE RECEPTACES ARE INDICATED, SERVICED BY PLUGMOLD G-4000
6. CONTRACTOR TO FURNISH & INSTALL ENCLOSURE TO HOUSE CONDUIT THAT EXTENDS FROM PANELBOARD TO CEILING. OWNER WILL PAINT.
7. FROM BOTTOM OF PANELBOARD TO PLUGMOLD G-4000, MTD 18" ABOVE FINISHED FLOOR.
8. CONTRACTOR TO USE VERTICAL SECTION OF PLUGMOLD G-4000 FOR CONNECTION BETWEEN EQUIPMENT.
9. FROM CPU UNIT INDICATED WITH DOTTED LINES THERE WILL BE SIX (6) COMMUNICATION CABLES THAT RUNS THROUGH PLUGMOLD G-4000, THREE (3) TO RUN TO OFFICES # 5 & # 10, ONE (1) TO EACH OFFICE. THREE (3) TO RUN IN PLUGMOLD G-4000 TO EACH OF THREE (3) OFFICES # 5 & # 7, ONE (1) TO EACH OFFICE.
10. SERVICE FOR PANELBOARD TO COME FROM EXISTING 3 KV TRANSFORMER LOCATION TO BE SHOWN BY OWNER. SERVICE TO BE 3 KVA 1/6 G 1/6 400 AMP. THROUGH COPPER IN 2" EMT.
11. RECEPTACLE TO BE HUBBELL TWISTLOCK NO: 3305 
12. RECEPTACLE TO BE HUBBELL TWISTLOCK NO: 2810
13. CONTRACTOR TO VERIFY APPROVAL OF MATERIAL WITH OWNER BEFORE INSTALLATION OF MATERIAL.

LEGEND:
- 120V 20A DUPLEX RECEPTACLE. INDICATES CIRCUIT.
- 208V 10 RECEPTACLE SEE NOTE NO. 10
- 208V 30 RECEPTACLE SEE NOTE NO. 11
- TELEPHONE OUTLET
- INDICATES OFFICE Nr.
- PLUGMOLD G-4000 WITH DIVIDER
- PLUGMOLD G-4000 DOWN OR UP

120/208V, 30, 4W FPE 42 POLE PANELBOARD WITH A 150 AMP MAIN BUS.
EXPOSED CONDUIT
CONCEALED CONDUIT ABOVE CEILING.
HOME RUN BACK TO PANEL, CAD NO5 INDICATES CIRCUITS.
PLUGMOLD CONCEALED

BLDG 54 CAD AREA
ELECTRICAL POWER PLAN

HARRIS SEMICONDUCTOR
A DIVISION OF THE NEK CORPORATION
P.O. BOX 149, WELLINGTON, FLORIDA 33414-0149
PHONE 305-741-2600
SCALE 1"=1'-0"
NOTES:

1. All receptacles to be wheeled from bottom of box to finished floor.
2. All telephone outlets to be wheeled from bottom of box to finished floor, conduit to be 1/4" x 1/2" above ceiling.
3. Power outlets to be wheeled from box and supplied by owner.
4. Plenum to be added to at above finished floor to bottom of plenum in a horizontal, vertical, or other direction.
5. At this point run plenum vertical, terminate above ceiling.

REMARKS:

□ Junction box with flex detail
□ Duplex receptacle, see indicated circuit.
□ Nonsmoked power supply, see indicated circuit.
□ Telephone outlet.
□ Plenum 6-4000
□ Plenum 4-4000 vertical run.
□ Concealed conduit.
□ WO/BR/W 6' 400 power panelboard "CA"
NOTES:
1. RECEPTACLES IN MACH. RM & SAN CLOSET TO BE SURFACE MT. W/INDUSTRIAL COVERS, MOUNT 3/8" ABOVE FINISH FLOOR.
2. LIGHTING FIXTURES IN MACH. RM. SAN CLOSET TO BE CRAWL HANG W/COVER FINISHED.
3. RECEPTACLES IN OFFICE AREAS TO BE 18" ABOVE FIN. FL.
4. FIRE ALARM PULL W/T TO BE MTS 3' ABOVE FIN. FL.
5. FIRE ALARM TO USE 60' LONG ALARM WIRE, MACH. RM.
6. CONTRACTOR TO MARK ALL OUTLETS W/PLASTIC COVER.
7. ALL RECEPTACLES IN PHOTO LAB TO BE MTS 4' ABOVE FIN. FL.
8. ALL LIGHT FIXTURES HANG AT 6' TO BE LAMP FIXTURES. ALL LIGHT FIXTURES HANG AT 7' TO BE LAMP FIXTURES. BOTH AT 3/8" ABOVE FIN. FL.
9. ALL LIGHT FIXTURES HANG AT 3' TO BE HANGING FIXTURES 100W/100W LAMP LUMPS. INSTALL ALL TELEPHONE LOCATIONS CONTRACTOR TO STAB 3/8" ABOVE FINISH FL.

REVIEW:
- 30/60GYX 30 GFI PANELBOARD (POWER)
- 271/A40/2X2 GFI PANELBOARD (LIGHTING)
- ALLEN-BRADLEY MAINLINE MOTOR STARTER
- IN-UNIT HEATER STOP.CTROL PANEL
- EMERGENCY BATTERY PACK
- FIRE ALARM PANEL
- FIRE ALARM HORN
- IN-UNIT HEATERS
- 1'M LIGHTING FIXTURE PVT CLOTH, FURNISHED
- 2'M LIGHTING FIXTURES LTH, LST UPTOE. ALL INDICATES NIGHT LIGHTS
- 1'HANGING LIGHTING W/100W LAMP LUMPS. 100W
- W/MTS EXIT LAMP ARROW INDICATES DIRECTION OF EXIT
- TELEPHONE OUTLET
- SINGLE POLE SINGLE THROW SWITCH
- DOUBLET POLAR RECEPTACLE OUTLET
- SINGLE POLAR RECEPTACLE OUTLET
- CIRCUIT BREAKER BOX
- FLOOR 240V 60
- HOME RUN LETTERS / NUMBER INDICATED PANEL / CIRCUIT.
- EXPOSED CONDUCT RUN.

05/14/65
HIA
LIGHTING PLAN VIEW

LEGEND:
- 2"x4" LIGHTING FIXTURE
- NL 2"x4" NIGHT LIGHTING FIXTURE
- S SINGLE POLE SWITCH
- EXPOSED CONDUIT RUN

NOTES:
1. LIGHTING FIXTURES TO BE MTD ON PHO-1000 HUSTLEMT
2. UNISTRUT P-1000 TO BE CHAIN HUNG FROM CEILING
3. SWITCHES TO BE SURFACE MTD

KEY PLAN - BLDG 54
Scale: 1" = 1000

NEW OFF: 2ND FL...NE CORNER
ELECTRICAL LIGHTING PLAN

DRAWN: W.M. Nelson
DATE: 5-14-98
CHECKED: A.M. Madara
DATE: 5-24-98
APPROVED: D.W. Rees
DATE: 5-24-98

UNLESS OTHERWISE SPECIFIED

1. SURFACE NOVEMBER
2. PHI, TOL 2.1/16
3. DEC TOL 1.25/16
4. ANGULAR TOL 3/16
5. SIREN ALL SHARP
6. SIRENO EDGES & CORNERS, REMOVE SURFACES

DRAWN: W.M. Nelson
CHECKED: A.M. Madara
APPROVED: D.W. Rees

REV

HARRIS COMMUNICATIONS
T.P. 500 S.W. BELLAire PLACE, FT. LAUDERDALE, FLORIDA 33315

SCALE: 1/4" = 1000
SHEET
NOTE 1
1. REFER TO ELECTRICAL DRAWING D-24-E-0048
   FOR SCHEDULER, NOTES/Legend.

LIGHTING PLAN VIEW
H.T.G.

KEY PLAN
BLDG. 54 - 2ND FLOOR

HARRIS ELECTRICAL

DRAWN BY:  A. M. Stokl  DATE:  7/19/91
CHECKED:
APPROVED:

PROJECT:  MATERIAL:

UNLESS OTHERWISE SPECIFIED:
1. SURFACE ROUGHNESS:
2. FINISH TOL. ± .25
3. DEC TOL. ± .125
4. ANGULAR TOL. ± 5°
5. REMOVE ALL SHARP EDGES

SCALE: (1/4" = 1'-0"

SHEET
LEGEND:

- VACUUM PUMP = INDICATES WHICH PUMP
- DISCONNECT, CONNECTOR WITH NUMBER OF DISCONNECT TO INSURE PROPER EQUIPMENT HOUSING
- SINGLE DUPLEX RECEPTACLE (20A)
- RECEPTACLE, THREIPOLE, 20A, 208V, 3PH, NEMA L14-20R
- CONDUIT RUN EXTERIORS

103/20Y 36 EXIST POWER PANEL
107/20Y 36 EXIST LIGHTING PANEL

RECEPTACLE, SINGLE OUTLET, 20A, 208V, 3PH, NEMA L14-20R
RECEPTACLE, THREE POLE, 20A, 208V, 3PH, NEMA L14-20R

NOTES:

- SOIL LATEX, REAR DRAIN AGG. 305
- RADIO CONTROL, VACUUM PUMP MOTOR STARTER (PROVIDED WITH EQUIPMENT) (SOME EXISTING SOIL TRENCHES MAY REQUIRE BURIAL)
- ALL VACUUM AND DRAIN DRAIN TRENCH 36" B.G. OF PUMP, 103-36" (VACUUM DRAIN DRAIN TRENCH 10" B.G. OF PUMP, 103-10"
- EXISTING CIRCUIT RL-B AT 103-12 (USE EXISTING)

4. SERVICE TO METER ROOM TO COME FROM PUMP "LB" (USE 3P 250A REAER, BY CONTRACTOR, 
6.25 CU IN 4" CEMENT, TO ALL MACHINES)

4. PUMP EXISTING CONNECTIONS ARE TO BEつなぎ TRENCH TO PUMP 103-36" (USE EXISTING CONNECTION) ON REBAR STANDARDS, FROM 103-60" TO A REBAR STANDARDS, ON REBAR STANDARDS, BETWEEN BREAKERS 1 AND 9. CAPTIVE UNAIDED CONDUCTORS UPGRADE PANEL, DIRECTORY TRIM LABEL AND ALL EQUIPMENT

5. USE EXISTING 36" WATER BOUNDARY WIRE TO LABEL RESPONSIBLE AND UPDATE DOCUMENT

REFERENCE CMS D-34-00-004 FOR WIRING IN CMOS MODULAR

FROM PUMP TO END WITH 36" CEMENT JOINT, THEN THREE HELD PUMP PENETRATION (2006) 103-36" (USE EXISTING FIELD CONNECT TO SPURRING 36")

FROM PUMP TO END WITH 36" CEMENT JOINT, THEN THREE HELD PUMP PENETRATION (2006) 103-36" (USE EXISTING FIELD CONNECT TO SPURRING 36")

11. ALL CORE DRILLING, FOR CONDUIT PENETRATIONS, BY OTHERS

12. NEW PANEL "HE" SHALL BE 250 AMP, 208V 120V VOLT, 3PH, 4W, 3C CIRCUIT, MAIN LUG ONLY, SURFACE MOUNTED. SUPPLIED BY "HE" OR EQUIVALENT, PROVIDE (1) 50AMP/3P BREAKER, (2) 20AMP/3P BREAKERS

13. FEED NEW PANEL "HE" FROM EXISTING SPUR 3 POLE 250AMP CIRCUIT BREAKER IN PANEL "HE"

PROVIDE AND INSTALL NEW 1P62A 85 BARRIER FOR UNIT 35. 500V 30A, 120V, USE TYPE EOB 30A

BASEMENT POWER PLAN
CMOS BDG. 54 ELECTRICAL

HARRIS

REV: A

D-34-E-00-054

SCALE: 1/4" = 1'-0"
NOTES:

1. RE-ARRANGE EXIST LIGHTING PER REFLECTED CEILING PLAN.
2. ABANDON CKT 35 IN PNL "XR" AND LABEL SPARE.
3. INSTALL NEW 20A-3P BKR IN SPACES 2022,34.

REFLECTED CEILING PLAN

POWER PLAN
LEGEND
1. 125 WATT LIGHT FIXTURE.
2. JUNCTION BOX
3. PHOTO CELL

NOTES:
1. INSTALL (3) 20A 120V CT. SE 3RD.
ON EXIST. CUTOFF. TIE IN. 3/4" RIG. TYPE FLAR "T" 1/20A.
1/2089.

MERIDIAN VAPOR U25W.
12W. FIXTURE. W/BULB & PHOTO CELL CAT. NO. E1225 LT. LANDMARK.
(FSP. 5 PLACES)

1. INST. #3. RIG. ADD. COND.

BUILDING 74
SCALE: 1/500

MATERIAL:
1. SURFACE ROUGHNESS
2. FRAC. TOL. 1/4".
3. DEC. TOL. 2.089
4. ANGULAR TOL. ± 1/36
5. BREAK ALL SHARP EDGES & CONVEX, REMOVE BURRS.

UNLESS OTHERWISE SPECIFIED

TITLE:
BUILDING 74
CHEMICAL STORAGE AREA
OUTSIDE LIGHT INSTALLATION

DRAWN: M. L. CARROLL
CHECKED: M. L. CARROLL
FINISH: M. L. CARROLL
DATE: 07/0887
MATERIAL: M. L. CARROLL
DATE: 07/0887
REVIEW: M. L. CARROLL
DATE: 07/0887

SCALE AS NOTED
BLDG. 54 BASEMENT

1. INSTALL NEW 100A FUSED DSC 5IN. FUSE @ BCA.

2. REMOVE AND RESTOCK EXISTING 3P-20A CIRCUIT BREAKER. PROVIDE AND INSTALL NEW 3P-20A CIRCUIT BREAKER IN SPACE 2A#6.

3. PANEL RE-2 IS A ITE TYPE MLAD 120/208V 32GA; 30, 4W.

4. MECHANICAL EQUIPMENT ROOM

5. EXISTING PNL "LE"

6. EXISTING PNL "RE 2"

7. 1/4" EMT

1/2" GND
NOTES:
1. DRIVE AND INSTALL NEW 100A CIRCUIT BREAKER PANEL IN A WESTINGHOUSE TYPE PRC POWER CENTER.
2. LIGHT FIXTURES TO BE FURNISHED BY OWNER.
3. PROVIDE AND INSTALL NEW PHOTO CELL TYPE LIGHTING CONTROL, INTERMEDIATE CAT NO. K4281 OR APPROVED EQUAL.

BLDG*54
N.E.S.

- 1/2" GND
2/6" RIGID ALUMINUM