



- KEYED NOTES**
- 1 EXISTING UNIT PANEL LOAD CENTER. PROVIDE EQUIPMENT GROUND BAR SEPARATE FROM NEUTRAL BAR. REMOVE ANY NEUTRAL TO GROUND BONDING STRAP OR SCREW. REMOVE GROUNDING CONDUCTORS FROM NEUTRAL BAR AND TERMINATE TO NEW EQUIPMENT GROUNDING BAR. RUN NEW 1" CONDUIT FROM LOAD CENTER TO NEW DISTRIBUTION PANEL BOARD. INSTALL 3-#6 THWN CU. AND 1-#10 CU. E.G.
 - 2 MAINTAIN EXISTING LIGHTING FIXTURES AND CIRCUITING. LIGHT FIXTURES WILL NEED TO BE REMOVED AND RE-INSTALLED.
 - 3 PROVIDE A 1" PVC CONDUIT FROM EACH APARTMENT TO THE OFFICE LOCATED ON THE FIRST FLOOR. CONDUIT SHALL NOT BE REQUIRED TO ENTER INTO THE APARTMENT AT THIS TIME. ROUTE ABOVE HALLWAY CEILING, TERMINATE CONDUIT IN OFFICE CLOSET.
 - 4 HARDWIRED SINGLE STATION SMOKE DETECTOR/ALARM REQUIRED TO BE PROVIDED IN EVERY APARTMENT GUEST ROOM, LIVING AREA, AND SLEEPING ROOM. TIE TO THE NEAREST ELECTRICAL CIRCUIT. MULTIPLE DETECTORS WITHIN ONE SPACE SHALL ALARM TOGETHER VIA CONTROL WIRE.
 - 5 MAINTAIN EXISTING CABLE TV CABLE AND TELEPHONE/DATA CABLE. PROTECT FROM BEING DAMAGED DURING REMOVAL OF CORRIDOR CEILINGS.
 - 6 TWO (2) MOTORIZED COMBINATION FIRE/SMOKE DAMPERS. MAKE ELECTRICAL CONNECTION TO EACH. PROVIDE FIRE ALARM RELAY TO CLOSE DAMPERS UPON ACTIVATION OF FIRE ALARM SYSTEM.
 - 7 NEW EMERGENCY BATTERY LIGHT. CONNECT TO UNSWITCHED LIGHTING CIRCUIT THAT SERVES WALKWAY LIGHTING AND ADJACENT EXISTING EXIT AND EMERGENCY LIGHTING FIXTURES. LITHONIA #ELM2-120-DL.
 - 8 FIRE ALARM CARBON MONOXIDE SENSOR WITH AUDIBLE ALARM.
 - 9 FIRE ALARM SOLENOID SHUT DOWN RELAY.
 - 10 EXISTING COMBINATION EXIT/EMERGENCY LIGHT TO REMAIN.

NORTH BUILDING SECOND FLOOR PLAN
 SCALE: 1/8" = 1'-0"

ENGINEERING MATRIX, INC.
 CONSULTING ENGINEERS
 2860 SCHERER DRIVE, SUITE 640
 ST. PETERSBURG, FLORIDA 33716
(727) 573-6656 FAX:(727) 573-3902 EMAIL: email@engmtx.com
CERT. OF AUTHORIZATION NO. 4288 EMI JOB NO. 08-1320
© 2009 Engineering Matrix, Inc.

REVISIONS	
NO.	DATE
▲	▲
▲	▲
▲	▲
▲	▲

RENOVATION/RESTORATION PROJECT
MARINER BEACH CLUB
 4220 GULF BOULEVARD
 ST. PETERSBURG BEACH, FLORIDA 33706

billerreinhardt
 STRUCTURAL GROUP, INC.
 4014 gulf highway suite 248, tampa, florida 33618
 telephone : 813.908.7203 fax: 813.908.7303
 email : info@billerreinhardt.com
 State of Florida Certificate of Authorization No. 9149

USE THE SET OF THE NORTH BUILDING SECOND FLOOR ELECTRICAL PLAN AND SPECIFICATIONS COMPLETE WITH THE APPLICABLE NATIONAL BUILDING CODES

NORTH BUILDING SECOND FLOOR ELECTRICAL PLAN
 DATE: 02-23-09 DRAWN BY: CSR
 JOB NO: 08-132 DESIGN BY: OFB

SHEET NO.
E2.2