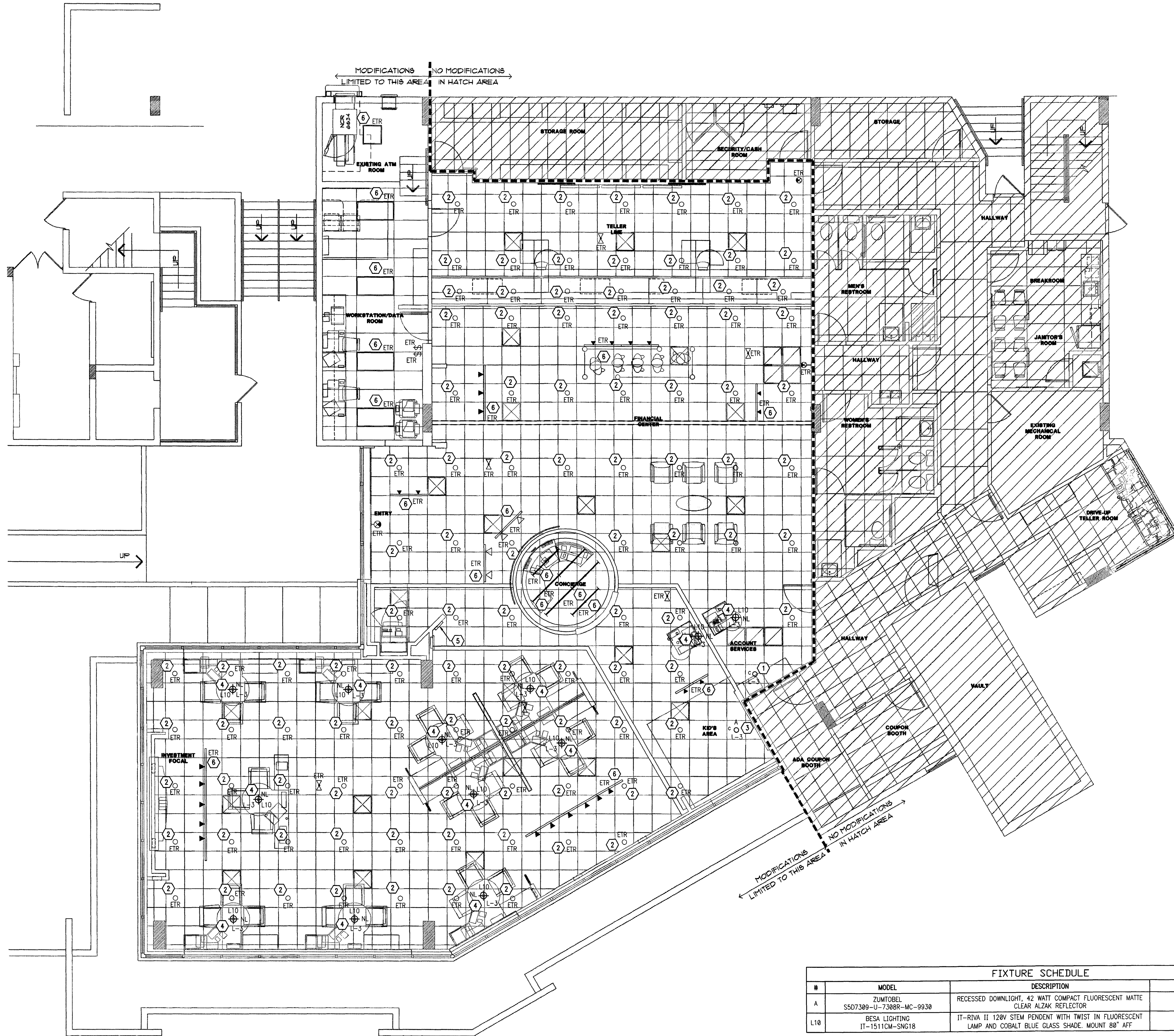
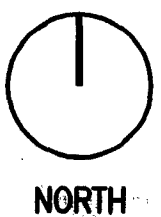




| FIXTURE SCHEDULE |                                     |                                                                                                        |                    |
|------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------|
| #                | MODEL                               | DESCRIPTION                                                                                            | LAMP               |
| A                | ZUMTOBEL<br>SS07309-U-7308R-MC-9930 | RECESSED DOWNLIGHT, 42 WATT COMPACT FLUORESCENT MATTE CLEAR ALZAK REFLECTOR                            | PL-142W/30/4P/ALTO |
| L10              | BESA LIGHTING<br>IT-1511CM-SNG18    | IT-RIVA II 120V STEM PENDENT WITH TWIST IN FLUORESCENT LAMP AND COBALT BLUE GLASS SHADE. MOUNT 80" AFF | 18W LAMP           |

ELECTRICAL PLAN - LIGHTING  
3/16" = 1'-0"



LIGHTING - DEMO GENERAL NOTES

1. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXISTING LIGHTING TO BE REMOVED OR RELOCATED.
2. ALL DEVICES SHOWN ON PLAN ARE EXISTING UNLESS OTHERWISE NOTED. REFER TO SYMBOL LEGEND FOR DEVICE DESCRIPTION.
3. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
4. THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES WITHIN THE PROJECT AREA. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
5. ALL CONDUITS SERVING OTHER SPACES THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED W/ BONDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
6. ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
7. THIS CONTRACTOR SHALL PROVIDE ELECTRICAL FOR PHASING WORK AS REQUIRED OR DIRECTED BY THE ARCHITECT, REFER TO ARCHITECTURAL PHASING PLAN. TEMPORARY ELECTRICAL SERVICES (POWER, LIGHTING, FIRE ALARM, ETC.) SHALL BE PROVIDED WHEN NEW WORK AFFECTS SERVICES NEEDING TO REMAIN ACTIVE.
8. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
9. NO WORK BEING DONE ON EXTERIOR BUILDING DEVICES.

LIGHTING - NEW GENERAL NOTES

1. ALL FIXTURES SHALL BE CIRCUITED TO EXISTING CIRCUITS UNLESS OTHERWISE NOTED. NUMBERS INDICATE CIRCUITING. CONTRACTOR SHALL VERIFY ACTUAL CIRCUITING IN THE FIELD.
2. ALL WIRING SHALL BE IN CONDUIT. CONDUIT SIZE IS 1/2" MINIMUM UNLESS OTHERWISE NOTED. MC CABLE (MIN. 3/8") IS ALLOWED, HOWEVER, ALL HOMERUNS SHALL BE IN CONDUIT. ENT IS NOT PERMITTED. PVC IS ACCEPTABLE WHERE ALLOWED BY CODE. CONTRACTOR MAY USE EMT OR GRS AS ALLOWED BY CODE.
3. WIRE SIZE SHALL BE MINIMUM #12 AWG, THIN SOLID COPPER UNLESS OTHERWISE NOTED. PROVIDE GROUND WIRE. EXT. RACEWAYS AND ANYWHERE REQUIRED BY CODE. INCREASE WIRE SIZE TO COMPENSATE FOR VOLTAGE DROP WHERE TOTAL LENGTH OF ANY BRANCH EXCEEDS 100 FEET.
4. WIRE SIZE SHALL NOT BE LESS THAN CORRESPONDING CIRCUIT BREAKER RATING AS REQUIRED BY CODE.
5. MAXIMUM NUMBER OF UNGROUNDED CONDUCTORS IN ANY CONDUIT SHALL BE THREE. ADDITIONAL WIRES ARE ACCEPTABLE IF WIRE SIZE IS INCREASED TO ALLOW FOR DERATING PER CODE. PROVIDE ADDITIONAL WIRES FOR SWITCHING AS REQUIRED.
6. CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
7. TWO OR THREE LIGHTING CIRCUITS MAY SHARE A COMMON NEUTRAL.
8. VERIFY MOUNTING AND LOCATION OF ALL FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION. REFER TO ARCHITECTURAL DRAWING A2.0 FOR DIMENSIONED LOCATIONS OF PENDANT FIXTURES.
9. ALL EMERGENCY LIGHTS AND EXIT SIGN BATTERY UNITS SHALL BE PROVIDED WITH UNSWITCHED HOT AND CONNECTED TO LOCAL LIGHTING CIRCUIT. PROVIDE ALL NIGHT LIGHTS WITH AN UNSWITCHED HOT.
10. CONTRACTOR SHALL CLEAN AND RE-LAMP ALL FIXTURES THAT ARE EXISTING TO REMAIN.

LIGHTING - NEW PLAN NOTES

1. EXISTING FIXTURE BEING REUSED AND RELOCATED AS SHOWN. CONNECT TO CIRCUITING AND SWITCHING AS INDICATED. CONTRACTOR IS TO FIELD VERIFY EXISTING REFLECTOR IN FIXTURE. IF FOUND TO BE THE 45° CUTOFF REFLECTOR, CONTRACTOR IS TO REPLACE IT WITH THE STANDARD DOWNLIGHT REFLECTOR #7308R FROM ZUMTOBEL. CONTRACTOR IS TO INFORM PMC OF THIS CHANGE AND RECEIVE CONSENT PRIOR TO INSTALLATION. CLEAN AND RE-LAMP FIXTURE WITH TRIPLE TUBE 42W COMPACT FLUORESCENT LAMP.
2. EXISTING FIXTURE BEING REUSED. EXISTING CIRCUITING AND SWITCHING TO REMAIN. CONTRACTOR IS TO FIELD VERIFY EXISTING REFLECTOR IN FIXTURE. IF FOUND TO BE THE 45° CUTOFF REFLECTOR, CONTRACTOR IS TO REPLACE IT WITH THE STANDARD DOWNLIGHT REFLECTOR #7308R FROM ZUMTOBEL. CONTRACTOR IS TO INFORM PMC OF THIS CHANGE AND RECEIVE CONSENT PRIOR TO INSTALLATION. CLEAN AND RE-LAMP FIXTURE WITH TRIPLE TUBE 42W COMPACT FLUORESCENT LAMP.
3. PROVIDE NEW RECESSED DOWNLIGHT PER FIXTURE SCHEDULE. CONNECT TO CIRCUITING AND SWITCHING AS INDICATED.
4. PROVIDE NEW PENDANT FIXTURE AS SHOWN. REFER TO FIXTURE SCHEDULE FOR MOUNTING HEIGHT. COORDINATE WITH ARCHITECTURAL PLANS. CONNECT TO CIRCUITING AS INDICATED. PENDANTS SHALL OPERATE AS NIGHT LIGHTING.
5. EXISTING SWITCHBANK TO REMAIN.
6. EXISTING FIXTURE BEING RE-USED. EXISTING CIRCUITING AND SWITCHING TO REMAIN. CONTRACTOR IS TO CLEAN AND RE-LAMP ALL FIXTURES.

## POWER - DEMO GENERAL NOTES

- REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXISTING ITEMS TO BE REMOVED OR RELOCATED. REMOVE ASSOCIATED ELECTRICAL.
- REMOVE ALL DEVICES, JUNCTION BOXES (IF POSSIBLE), CONDUIT (IF NECESSARY) AND WIRING BACK TO NEAREST JUNCTION BOX THAT IS TO REMAIN IN ALL AREAS BEING DEMOLISHED OR RENOVATED UNLESS OTHERWISE NOTED. FLOOR BOXES AND CONDUIT IN FLOOR SLAB WILL NOT BE REMOVED. TURN OVER ALL REMOVED MATERIALS TO OWNER AT OWNER'S DISCRETION.
- ALL DEVICES SHOWN ON PLAN ARE EXISTING UNLESS OTHERWISE NOTED. REFER TO SYMBOL LEGEND FOR DEVICE DESCRIPTION.
- EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
- THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES WITHIN THE PROJECT AREA. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE PMC. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
- ALL CONDUITS SERVING OTHER SPACES, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED W/ BONDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
- THIS CONTRACTOR SHALL PROVIDE ELECTRICAL FOR PHASING WORK AS REQUIRED OR AS DIRECTED BY THE ARCHITECT. REFER TO ARCHITECTURAL PHASING PLAN. TEMPORARY ELECTRICAL SERVICES (POWER, LIGHTING, FIRE ALARM, ETC.) SHALL BE PROVIDED WHEN NEW WORK AFFECTS SERVICES NEEDING TO REMAIN ACTIVE.
- THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
- NO WORK BEING DONE ON EXTERIOR BUILDING DEVICES.

## POWER - DEMO PLAN NOTES

- RELOCATE POWER ON THIS WALL AS NECESSARY TO AVOID CONFLICTS DUE TO WALL RENOVATION. REUTILIZE EXISTING OUTLET AND CIRCUIT.
- DEVICE TO BE REMOVED. REMOVE WIRING BACK TO NEAREST JUNCTION BOX THAT IS TO REMAIN. PROVIDE BLANK COVER AND PATCH TO MATCH SURROUNDING WALL. COORDINATE WITH ARCHITECTURAL.

## POWER - NEW GENERAL NOTES

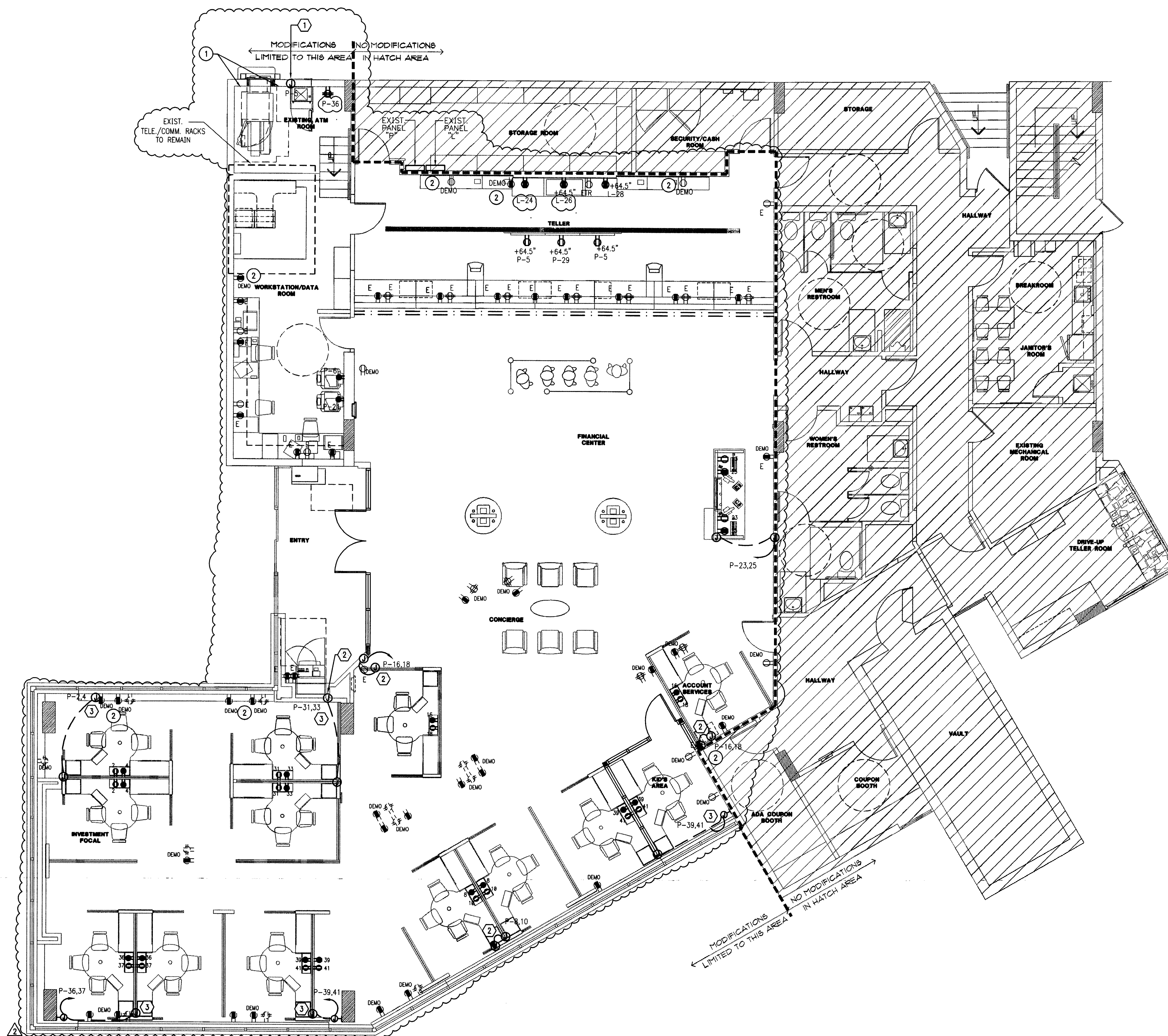
- ALL OUTLETS AND EQUIPMENT SHALL BE CIRCUITED TO EXISTING CIRCUITS UNLESS OTHERWISE NOTED. NUMBERS INDICATE CIRCUITING. CONTRACTOR SHALL VERIFY ACTUAL CIRCUITS IN THE FIELD.
- CONTRACTOR SHALL INTERCEPT AND EXTEND CONDUIT AND WIRING FOR ALL CIRCUITS BEING RE-USED TO NEW DEVICE LOCATIONS AS NECESSARY.
- ALL WIRING SHALL BE IN CONDUIT. CONDUIT SIZE IS 1/2" MINIMUM UNLESS OTHERWISE NOTED. MC CABLE (MIN. 3/8") IS ALLOWED, HOWEVER, ALL HOMERUNS SHALL BE IN CONDUIT. ENT IS NOT PERMITTED. PVC IS ACCEPTABLE WHERE ALLOWED BY CODE. CONTRACTOR MAY USE EMT OR GRS AS ALLOWED BY CODE.
- WIRE SIZE SHALL BE MINIMUM #12 AWG. THWN SOLID COPPER UNLESS OTHERWISE NOTED. PROVIDE GROUND WIRE IN ALL RACEWAYS AND ANYWHERE REQUIRED BY CODE. INCREASE WIRE SIZE TO COMPENSATE FOR VOLTAGE DROP WHERE TOTAL LENGTH OF ANY BRANCH EXCEEDS 100 FEET.
- WIRE SIZE SHALL NOT BE LESS THAN CORRESPONDING CIRCUIT BREAKER RATING AS REQUIRED BY CODE.
- MAXIMUM NUMBER OF UNGROUNDED CONDUCTORS IN ANY CONDUIT SHALL BE THREE. ADDITIONAL WIRES ARE ACCEPTABLE IF WIRE SIZE IS INCREASED TO ALLOW FOR DERATING PER CODE. PROVIDE ADDITIONAL WIRES FOR SWITCHING AS REQUIRED.
- CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- EACH RECEPTACLE CIRCUIT DOES NOT REQUIRE A DEDICATED NEUTRAL. SHARED NEUTRALS ARE ALLOWED EXCEPT FOR ISOLATED GROUND CIRCUITS.
- VERIFY MOUNTING AND LOCATION OF ALL OUTLETS WITH ARCHITECT PRIOR TO INSTALLATION.
- REFER TO DETAIL 1 SHEET E0.0 FOR ISOLATED GROUND RECEPTACLE DETAILS.

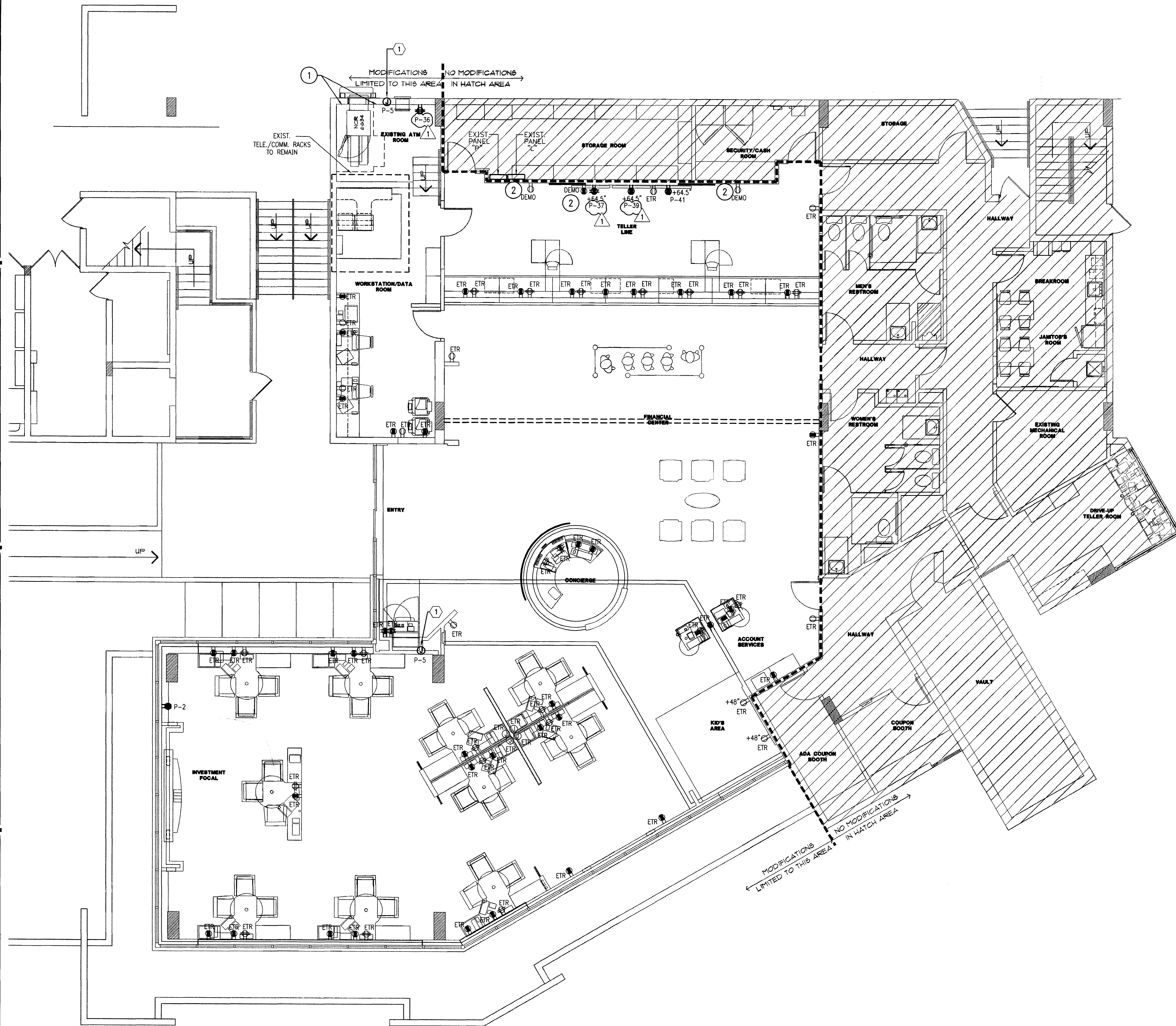
## POWER - NEW PLAN NOTES

- JUNCTION BOX FOR BLUE GLOWING WALL SURROUNDING ATM. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT VENDOR. COORDINATE WITH ARCHITECTURAL.
- JUNCTION BOX FOR CONNECTION OF POWER TO PRE-WIRED WORKSTATION. COORDINATE ACTUAL ELECTRICAL CONNECTION WITH FURNITURE INSTALLATION REQUIREMENTS.
- JUNCTION BOX FOR CONNECTION OF POWER TO PRE-WIRED WORKSTATION. COORDINATE ACTUAL ELECTRICAL CONNECTION WITH FURNITURE INSTALLATION REQUIREMENTS. SAW AND CUT AND PATCH AS NECESSARY.

Electrical Plan: Examiner  
LIC # PX 2811

ELECTRICAL PLAN - POWER  
3/16" = 1'-0"





ELECTRICAL PLAN - POWER  
3/16" = 1'-0"



## POWER - DEMO GENERAL NOTES

- REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXISTING ITEMS TO BE REMOVED OR RELOCATED. REMOVE ASSOCIATED ELECTRICAL.
- REMOVE ALL DEVICES, JUNCTION BOXES (IF POSSIBLE), CONDUIT (IF NECESSARY) AND WIRING BACK TO NEAREST JUNCTION BOX THAT IS TO REMAIN IN ALL AREAS BEING DEMOLISHED OR RENOVATED UNLESS OTHERWISE NOTED. FLOOR BOXES AND CONDUIT IN FLOOR SLAB WILL NOT BE REMOVED. TURN OVER ALL REMOVED MATERIALS TO OWNER AT OWNER'S DISCRETION.
- ALL DEVICES SHOWN ON PLAN ARE EXISTING UNLESS OTHERWISE NOTED. REFER TO SYMBOL LEGEND FOR DEVICE DESCRIPTION.
- EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
- THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES WITHIN THE PROJECT AREA. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE PMC. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
- ALL CONDUITS SERVING OTHER SPACES, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED W/ BONDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
- THIS CONTRACTOR SHALL PROVIDE ELECTRICAL FOR PHASING WORK AS REQUIRED OR AS DIRECTED BY THE ARCHITECT. REFER TO ARCHITECTURAL PHASING PLAN. TEMPORARY ELECTRICAL SERVICES (POWER, LIGHTING, FIRE ALARM, ETC.) SHALL BE PROVIDED WHEN NEW WORK AFFECTS SERVICES NEEDING TO REMAIN ACTIVE.
- THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
- NO WORK BEING DONE ON EXTERIOR BUILDING DEVICES.

## POWER - DEMO PLAN NOTES

- RELOCATE POWER ON THIS WALL AS NECESSARY TO AVOID CONFLICTS DUE TO WALL RENOVATION. REUTILIZE EXISTING OUTLET AND CIRCUIT.
- DEVICE TO BE REMOVED. REMOVE WIRING BACK TO NEAREST JUNCTION BOX THAT IS TO REMAIN. PROVIDE BLANK COVER AND PATCH TO MATCH SURROUNDING WALL. COORDINATE WITH ARCHITECTURAL.

## POWER - NEW GENERAL NOTES

- ALL OUTLETS AND EQUIPMENT SHALL BE CIRCUITED TO EXISTING CIRCUITS UNLESS OTHERWISE NOTED. NUMBERS INDICATE CIRCUITING. CONTRACTOR SHALL VERIFY ACTUAL CIRCUITS IN THE FIELD.
- CONTRACTOR SHALL INTERCEPT AND EXTEND CONDUIT AND WIRING FOR ALL CIRCUITS BEING RE-USED TO NEW DEVICE LOCATIONS AS NECESSARY.
- ALL WIRING SHALL BE IN CONDUIT. CONDUIT SIZE IS 1/2" MINIMUM UNLESS OTHERWISE NOTED. MC CABLE (MIN. 3/8") IS ALLOWED, HOWEVER, ALL HOMERUNS SHALL BE IN CONDUIT. ENT IS NOT PERMITTED. PVC IS ACCEPTABLE WHERE ALLOWED BY CODE. CONTRACTOR MAY USE ENT OR ORS AS ALLOWED BY CODE.
- WIRE SIZE SHALL BE MINIMUM #12 AWG, THWN SOLID COPPER UNLESS OTHERWISE NOTED. PROVIDE GROUND WIRE IN ALL RACEWAYS AND ANYWHERE REQUIRED BY CODE. INCREASE WIRE SIZE TO COMPENSATE FOR VOLTAGE DROP WHERE TOTAL LENGTH OF ANY BRANCH EXCEEDS 180 FEET.
- WIRE SIZE SHALL NOT BE LESS THAN CORRESPONDING CIRCUIT BREAKER RATING AS REQUIRED BY CODE.
- MAXIMUM NUMBER OF UNGROUNDED CONDUCTORS IN ANY CONDUIT SHALL BE THREE. ADDITIONAL WIRES ARE ACCEPTABLE IF WIRE SIZE IS INCREASED TO ALLOW FOR DERATING PER CODE. PROVIDE ADDITIONAL WIRES FOR SWITCHING AS REQUIRED.
- CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- EACH RECEPTACLE CIRCUIT DOES NOT REQUIRE A DEDICATED NEUTRAL. SHARED NEUTRALS ARE ALLOWED EXCEPT FOR ISOLATED GROUND CIRCUITS.
- VERIFY MOUNTING AND LOCATION OF ALL OUTLETS WITH ARCHITECT PRIOR TO INSTALLATION.
- REFER TO DETAIL 1 SHEET E0.0 FOR ISOLATED GROUND RECEPTACLE DETAILS.

## POWER - NEW PLAN NOTES

- JUNCTION BOX FOR BLUE GLOWING WALL SURROUNDING ATM. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT VENDOR. COORDINATE WITH ARCHITECTURAL.

Electrical Plans Examiner  
Lic. # PX 2611  
*[Signature]*

INTERPLAN LLC

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CAB660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124

SEAL:

JALCOLIN RUSSO  
JUN 12 2009

CONSULTANT:

REVISIONS:

| NO. | DATE     | REMARKS         |
|-----|----------|-----------------|
| 1   | 06-10-09 | PERMIT COMMENTS |

**CHASE**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG D# 1924 CHASE STORE D# 1742  
1801 ALTON ROAD  
MIAMI, FL 33139

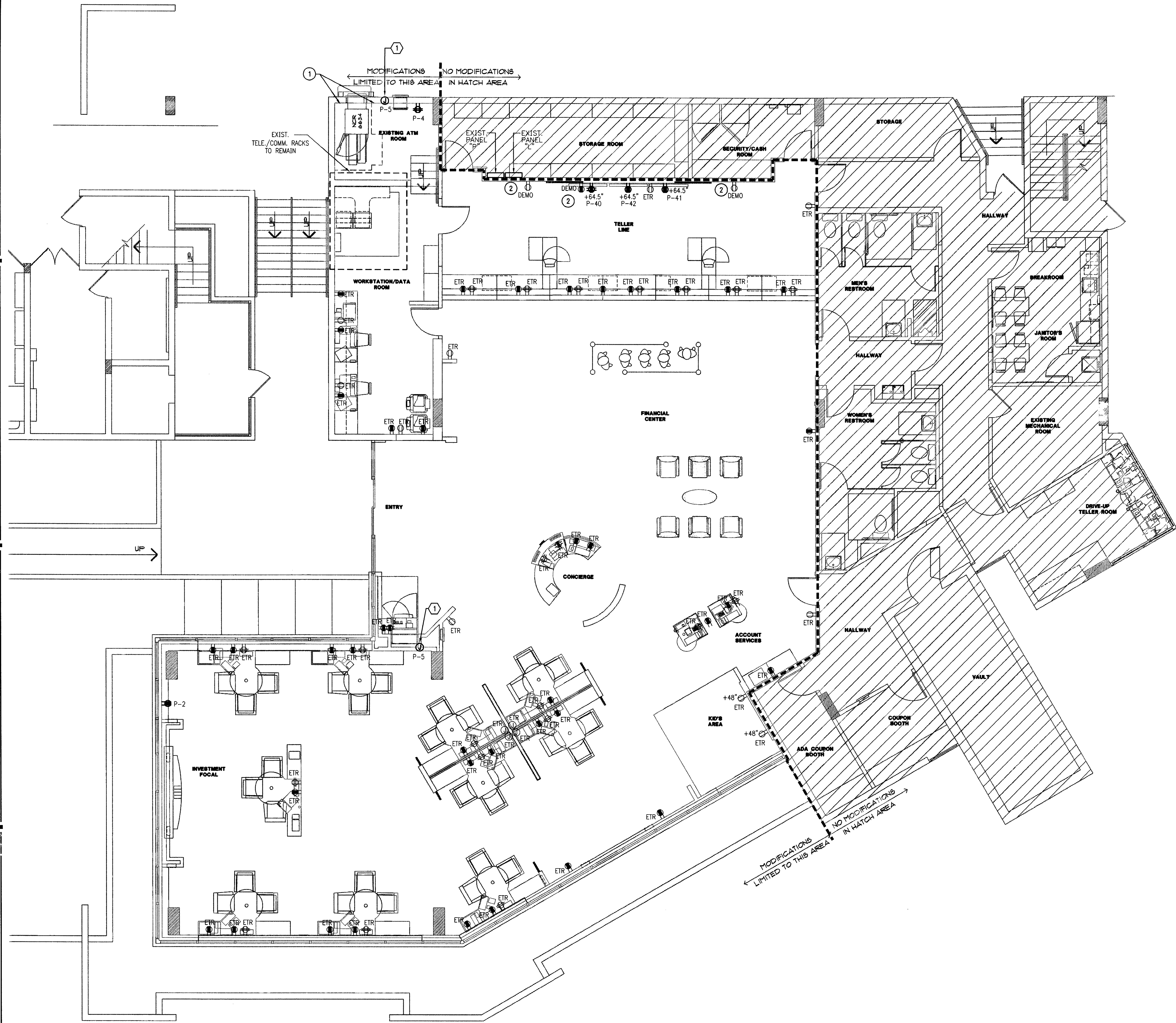
COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 03/11/09

ELECTRICAL PLAN-  
POWER

E2.0

DRAWN BY: SN  
CHECKED BY: MGR



ELECTRICAL PLAN - POWER  
3/16" = 1'-0"



### POWER - DEMO GENERAL NOTES

1. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXISTING ITEMS TO BE REMOVED OR RELOCATED. REMOVE ASSOCIATED ELECTRICAL.
2. REMOVE ALL DEVICES, JUNCTION BOXES (IF POSSIBLE), CONDUIT (IF NECESSARY) AND WIRING BACK TO NEAREST JUNCTION BOX THAT IS TO REMAIN IN ALL AREAS BEING DEMOLISHED OR RENOVATED UNLESS OTHERWISE NOTED. FLOOR BOXES AND CONDUIT IN FLOOR SLAB WILL NOT BE REMOVED. TURN OVER ALL REMOVED MATERIALS TO OWNER AT OWNER'S DISCRETION.
3. ALL DEVICES SHOWN ON PLAN ARE EXISTING UNLESS OTHERWISE NOTED. REFER TO SYMBOL LEGEND FOR DEVICE DESCRIPTION.
4. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
5. THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES WITHIN THE PROJECT AREA. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE PMC. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
6. ALL CONDUITS SERVING OTHER SPACES, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED W/ BONDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
7. ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
8. THIS CONTRACTOR SHALL PROVIDE ELECTRICAL FOR PHASING WORK AS REQUIRED OR AS DIRECTED BY THE ARCHITECT. REFER TO ARCHITECTURAL PHASING PLAN. TEMPORARY ELECTRICAL SERVICES (POWER, LIGHTING, FIRE ALARM, ETC.) SHALL BE PROVIDED WHEN NEW WORK AFFECTS SERVICES NEEDING TO REMAIN ACTIVE.
9. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
10. NO WORK BEING DONE ON EXTERIOR BUILDING DEVICES.

### POWER - DEMO PLAN NOTES

1. RELOCATE POWER ON THIS WALL AS NECESSARY TO AVOID CONFLICTS DUE TO WALL RENOVATION. REUTILIZE EXISTING OUTLET AND CIRCUIT.
2. DEVICE TO BE REMOVED. REMOVE WIRING BACK TO NEAREST JUNCTION BOX THAT IS TO REMAIN. PROVIDE BLANK COVER AND PATCH TO MATCH SURROUNDING WALL. COORDINATE WITH ARCHITECTURAL.

### POWER - NEW GENERAL NOTES

1. ALL OUTLETS AND EQUIPMENT SHALL BE CIRCUITED TO EXISTING CIRCUITS UNLESS OTHERWISE NOTED. NUMBERS INDICATE CIRCUITING. CONTRACTOR SHALL VERIFY ACTUAL CIRCUITS IN THE FIELD.
2. CONTRACTOR SHALL INTERCEPT AND EXTEND CONDUIT AND WIRING FOR ALL CIRCUITS BEING RE-USED TO NEW DEVICE LOCATIONS AS NECESSARY.
3. ALL WIRING SHALL BE IN CONDUIT. CONDUIT SIZE IS 1/2" MINIMUM UNLESS OTHERWISE NOTED. MC CABLE (MIN. 3/8") IS ALLOWED, HOWEVER, ALL HOMERUNS SHALL BE IN CONDUIT. ENT IS NOT PERMITTED. PVC IS ACCEPTABLE WHERE ALLOWED BY CODE. CONTRACTOR MAY USE EMT OR GRS AS ALLOWED BY CODE.
4. WIRE SIZE SHALL BE MINIMUM #12 AWG, THWN SOLID COPPER UNLESS OTHERWISE NOTED. PROVIDE GROUND WIRE IN ALL RACEWAYS AND ANYWHERE REQUIRED BY CODE. INCREASE WIRE SIZE TO COMPENSATE FOR VOLTAGE DROP WHERE TOTAL LENGTH OF ANY BRANCH EXCEEDS 100 FEET.
5. WIRE SIZE SHALL NOT BE LESS THAN CORRESPONDING CIRCUIT BREAKER RATING AS REQUIRED BY CODE.
6. MAXIMUM NUMBER OF UNGROUNDED CONDUCTORS IN ANY CONDUIT SHALL BE THREE. ADDITIONAL WIRES ARE ACCEPTABLE IF WIRE SIZE IS INCREASED TO ALLOW FOR DERATING PER CODE. PROVIDE ADDITIONAL WIRES FOR SWITCHING AS REQUIRED.
7. CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
8. EACH RECEPTACLE CIRCUIT DOES NOT REQUIRE A DEDICATED NEUTRAL. SHARED NEUTRALS ARE ALLOWED EXCEPT FOR ISOLATED GROUND CIRCUITS.
9. VERIFY MOUNTING AND LOCATION OF ALL OUTLETS WITH ARCHITECT PRIOR TO INSTALLATION.
10. REFER TO DETAIL 1 SHEET E08 FOR ISOLATED GROUND RECEPTACLE DETAILS.

### POWER - NEW PLAN NOTES

1. JUNCTION BOX FOR BLUE GLOWING WALL SURROUNDING ATM. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT VENDOR. COORDINATE WITH ARCHITECTURAL.

### INTERPLAN LLC

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA8660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124

SEAL:

JOSEPH RUSSO  
MAY 04 2009

CONSULTANT:

REVISIONS:

| NO. | DATE | REMARKS |
|-----|------|---------|
|-----|------|---------|

**CHASE**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG ID# 1924 CHASE STORE ID# 1742  
1801 ALTON ROAD  
MIAMI, FL 33139

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 04/30/2009

ELECTRICAL PLAN-  
POWER

E2.0

DRAWN BY: SN  
CHECKED BY: MGR

SEAL:

MALCOLM RUBBO  
AUG 17 2009

CONSULTANT:

REVISIONS:

NO. DATE REMARKS  
1 6-10-09 PERMIT COMMENTS  
2 6-10-09 OWNER REVISIONS

**CHASE**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG ID# 1924 CHASE STORE ID# 1742  
1801 ALTON ROAD  
MIAMI, FL 33139

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 06/03/09

**ELECTRICAL RISER  
DIAGRAM AND  
PANEL SCHEDULES**

**E4.0**

DRAWN BY: SN  
CHECKED BY: MGR

| PANEL: P (EXISTING)                                                                     |                            |                |       |       |          |         |              |   |         |          |                |        | EQUIPMENT GROUND BUS<br>ISOLATED GROUND BUS            |                            |         |    |
|-----------------------------------------------------------------------------------------|----------------------------|----------------|-------|-------|----------|---------|--------------|---|---------|----------|----------------|--------|--------------------------------------------------------|----------------------------|---------|----|
| BUS AMPS: 225A<br>MAIN SIZE/TY: MLO<br>VOLTS/PHASE: 208Y/120V, 3PH, 4W<br>SECTION(S): 1 |                            |                |       |       |          |         |              |   |         |          |                |        | SERVES: BANK<br>MOUNTING: SURFACE<br>LOCATION: STORAGE |                            |         |    |
| CKT NO.                                                                                 | DESCRIPTION                | VOLTAMPS/PHASE |       |       | WIRE NO. | BKR AMP | P            | P | BKR AMP | WIRE NO. | VOLTAMPS/PHASE |        |                                                        | DESCRIPTION                | CKT NO. |    |
|                                                                                         |                            | A              | B     | C     |          |         |              |   |         |          | A              | B      | C                                                      |                            |         |    |
| 1                                                                                       | TELLER LINE                | 1,000          |       |       | 12       | 20      | 1            | 1 | 20      | 12       | 400            |        |                                                        | SYSTEM FURNITURE-INV FOCAL | 2       |    |
| 3                                                                                       | TELLER LINE                |                | 1,000 |       | 12       | 20      | 1            | 1 | 20      | 12       |                | 400    |                                                        | SYSTEM FURNITURE-INV FOCAL | 4       |    |
| 5                                                                                       | ATM - BLUE GLOWING WALL    |                |       | 1,000 | 12       | 20      | 1            | 1 | 20      | 12       |                |        | 1,500                                                  | COPIER                     | 6       |    |
| 7                                                                                       | ATM                        | 1,000          |       |       | 12       | 20      | 1            | 1 | 20      | 12       | 400            |        |                                                        | SYSTEM FURNITURE-INV FOCAL | 8       |    |
| 9                                                                                       | DATA RACK                  |                | 1,000 |       | 12       | 20      | 1            | 1 | 20      | 12       |                | 400    |                                                        | SYSTEM FURNITURE-INV FOCAL | 10      |    |
| 11                                                                                      | DATA RACK                  |                |       | 1,000 | 12       | 20      | 1            | 1 | 20      | 12       |                |        | 1,000                                                  | TELLER PLATFORMS-PRINTER   | 12      |    |
| 13                                                                                      | PHONE SYSTEM               | 500            |       |       | 12       | 20      | 1            | 1 | 20      | 12       | 1,000          |        |                                                        | TELLER PLATFORMS-PRINTER   | 14      |    |
| 15                                                                                      | WORKSTATION                |                | 750   |       | 12       | 20      | 1            | 1 | 20      | 12       |                | 400    |                                                        | SYSTEM FURNITURE           | 16      |    |
| 17                                                                                      | WORKSTATION-PRINTER        |                |       | 1,000 | 12       | 20      | 1            | 1 | 20      | 12       |                |        | 400                                                    | SYSTEM FURNITURE           | 18      |    |
| 19                                                                                      | WORKSTATION-PRINTER        | 1,000          |       |       | 12       | 20      | 1            | 1 | 20      | 12       | 750            |        |                                                        | DRIVE UP TELLER            | 20      |    |
| 21                                                                                      | COPIER                     |                | 1,500 |       | 12       | 20      | 1            | 1 | 20      | 12       |                | 1,000  |                                                        | SECURITY EQUIPMENT         | 22      |    |
| 23                                                                                      | WORKSTATION-LOBBY          |                |       | 400   | 12       | 20      | 1            | 1 | 20      | 12       |                |        | 1,000                                                  | SECURITY EQUIPMENT         | 24      |    |
| 25                                                                                      | WORKSTATION-LOBBY          | 400            |       |       | 12       | 20      | 1            | 1 | 20      | 12       | 540            |        |                                                        | WORKSTATION                | 26      |    |
| 27                                                                                      | ATM                        |                | 1,000 |       | 12       | 20      | 1            | 1 | 20      | 12       |                | 720    |                                                        | TELLER LINE                | 28      |    |
| 29                                                                                      | SPARE                      |                |       | 0     | 12       | 20      | 1            | 1 | 20      | 12       |                |        | 540                                                    | CONV. RECEPTACLE           | 30      |    |
| 31                                                                                      | SYSTEM FURNITURE           | 400            |       |       | 12       | 20      | 1            | 1 | 20      | 12       | 1,000          |        |                                                        | UPS                        | 32      |    |
| 33                                                                                      | SYSTEM FURNITURE           |                | 400   |       | 12       | 20      | 1            | 1 | 20      | 12       |                | 1,000  |                                                        | UPS                        | 34      |    |
| 35                                                                                      | ATM                        |                |       | 500   | 12       | 20      | 1            | 1 | 20      | 12       |                |        | 400                                                    | SYSTEM FURNITURE-INV FOCAL | 36      |    |
| 37                                                                                      | SYSTEM FURNITURE-INV FOCAL | 400            |       |       | 12       | 20      | 1            | 1 | 20      | 12       | 7,720          |        |                                                        | SYSTEM FURNITURE-INV FOCAL | 38      |    |
| 39                                                                                      | SYSTEM FURNITURE-INV FOCAL |                | 800   |       | 12       | 20      | 1            | 3 | 100     | 1        |                | 11,055 |                                                        | EXISTING PANEL "L"         | 40      |    |
| 41                                                                                      | SYSTEM FURNITURE-INV FOCAL |                |       | 800   | 12       | 20      | 1            |   |         |          |                |        |                                                        |                            |         | 42 |
| SUBTOTAL                                                                                |                            | 4,700          | 6,450 | 4,700 |          |         |              |   |         |          | 12,610         | 15,775 | 14,503                                                 | SUBTOTAL                   |         |    |
| TOTAL PHASE A                                                                           |                            | VA 17,310      |       |       | AMP 183  |         |              |   |         |          |                |        |                                                        |                            |         |    |
| TOTAL PHASE B                                                                           |                            | VA 22,225      |       |       | AMP 238  |         |              |   |         |          |                |        |                                                        |                            |         |    |
| TOTAL PHASE C                                                                           |                            | VA 19,283      |       |       | AMP 200  |         |              |   |         |          |                |        |                                                        |                            |         |    |
| TOTAL PANEL                                                                             |                            | VA 57,338      |       |       | AMP 160  |         | TOTAL DEMAND |   |         |          |                |        | VA 37,800                                              |                            |         |    |
|                                                                                         |                            |                |       |       |          |         |              |   |         |          |                |        | AMP 105                                                |                            |         |    |
| IG - ISOLATED GROUND CIRCUIT                                                            |                            |                |       |       |          |         |              |   |         |          |                |        |                                                        |                            |         |    |

IG - ISOLATED GROUND CIRCUIT

PANEL: L (EXISTING)

BUS AMPS: 100A  
MAIN SIZE/TY: MLO  
VOLTS/PHASE: 208Y/120V, 3PH, 4W  
SECTION(S): 1

SERVES: BANK LIGHTING  
MOUNTING: SURFACE  
LOCATION: STORAGE

CKT NO.

DESCRIPTION

VOLTAMPS / PHASE

A

B

C

WIRE SZ

BKR AMP

P

P

BKR AMP

WIRE SZ

VOLTAMPS / PHASE

A

B

C

DESCRIPTION

CKT NO.

1

FINANCIAL CENTER

1,058

12

20

1

1

20

12

500

COFFEE/WATER

2

3

FINANCIAL CENTER

1,477

12

20

1

1

20

12

1,250

MICROWAVE

4

5

FINANCIAL CENTER

1,104

12

20

1

1

20

12

1,000

REFRIGERATOR

6

7

FINANCIAL CENTER

1,058

12

20

1

1

20

12

1,000

DRIVE-UP/CONV. RECEPT

8

9

NIGHT LIGHT

738

12

20

1

1

20

12

1,000

KID'S AREA/CONV. RECEPT

10

11

TRACK INVESTMENT FOCAL

1,500

12

20

1

1

20

12

900

TILTS/WATER FOUNTAIN

12

13

TRACK FOCAL

1,200

12

20

1

1

20

12

500

TELLER LINE FLAT SCREEN MONITORS

14

15

TRACK FOCAL

1,200

12

20

1

1

20

12

500

TELLER LINE FLAT SCREEN MONITORS

16

17

NIGHT LIGHT

922

12

20

1

1

20

12

500

TELLER LINE FLAT SCREEN MONITORS

18

19

COVE LIGHTING

372

12

20

1

1

20

12

720

TELLER LINE

20

21

LTC-SOUTH WORK AREA

1,165

12

20

1

1

20

12

1,000

CONV. RECEPTACLE

22

23

LTC-NORTH WORK AREA

1,352

12

20

1

1

20

12

0

0

SPARE

24

25

EF-3/FC-1

292

12

20

1

1

20

12

0

SPARE

26

27

CU-1

905

10

30

2

1

20

12

540

WORKSTATION

28

29

905

SUBTOTAL

3,980

5,495

5,783

2,800

3,910

2,940

SUBTOTAL

TOTAL PHASE A

VA 6,780

AMP 57

TOTAL PHASE B

VA 9,405

AMP 79

TOTAL PHASE C

VA 8,723

AMP 73

TOTAL PANEL

VA 24,908

AMP 70

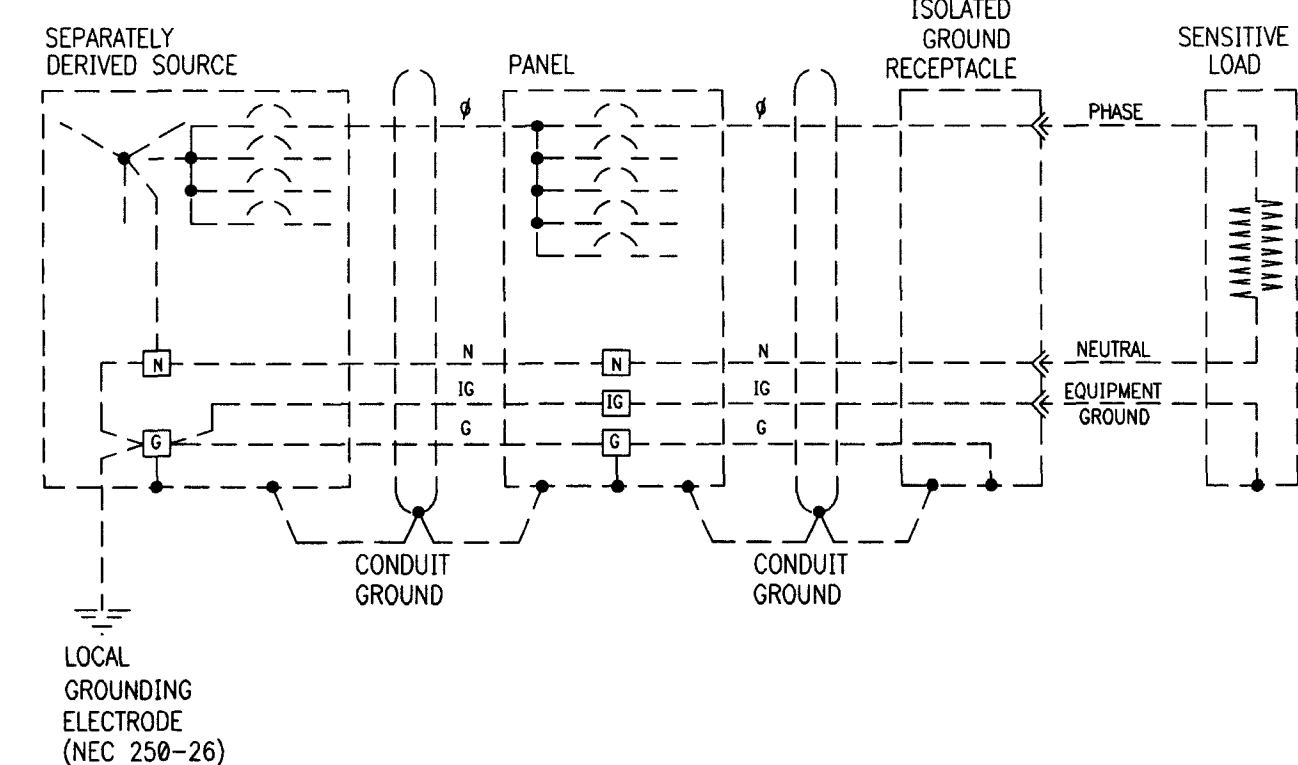
TOTAL DEMAND

VA 17454

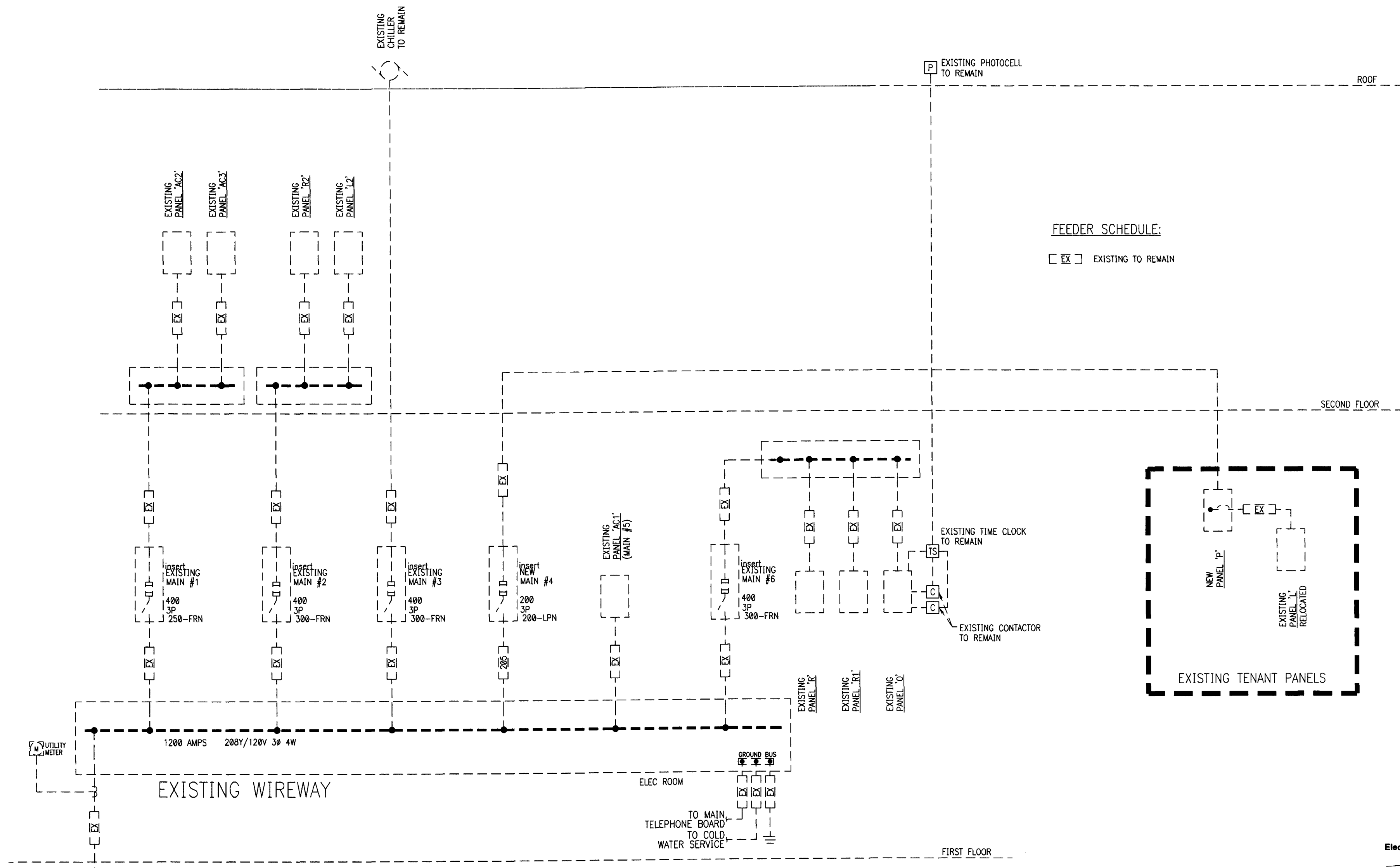
AMP 49

ALL CIRCUIT BREAKERS ARE EXISTING TO REMAIN  
UNLESS NOTED OTHERWISE. NEW BREAKER SHALL  
MATCH MANUFACTURER AND AIC RATING OF  
EXISTING CIRCUIT BREAKER.

ALL CIRCUIT BREAKERS ARE EXISTING TO REMAIN  
UNLESS NOTED OTHERWISE. NEW BREAKER SHALL  
MATCH MANUFACTURER AND AIC RATING OF  
EXISTING CIRCUIT BREAKER.



2 EXISTING ISOLATED GROUNDING CONDUCTOR  
PASS-THROUGH DISTRIBUTION PANEL DETAIL  
NTS



1 EXISTING ELECTRICAL ONE-LINE RISER DIAGRAM  
NTS

Electrical Plans Examiner

Lic. # PK 2611

SEAL:

MALCOLM RUSSO  
JUN 12 2009

CONSULTANT:

REVISIONS:

NO. DATE REMARKS  
1 06-10-09 PERMIT COMMENTS

**CHASE**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG ID# 1924 CHASE STORE ID# 1142  
1801 ALTON ROAD  
MIAMI, FL 33139

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 06/03/09

**ELECTRICAL RISER  
DIAGRAM AND  
PANEL SCHEDULES**

**E4.0**

DRAWN BY: SN  
CHECKED BY: MGR

Electrical Plans Examiner  
Lic. # PX 2611

ADDED NEW SHEET.

| PANEL: P (EXISTING)                                                                       |                                  |                |       |       |          |         |   |              |         |          |                |        |        |                          | EQUIPMENT GROUND BUS<br>ISOLATED GROUND BUS            |  |
|-------------------------------------------------------------------------------------------|----------------------------------|----------------|-------|-------|----------|---------|---|--------------|---------|----------|----------------|--------|--------|--------------------------|--------------------------------------------------------|--|
| BUS AMPS: 225A<br>MAIN SIZE/TYPE: MLO<br>VOLTS/PHASE: 208Y/120V, 3PH, 4W<br>SECTION(S): 1 |                                  |                |       |       |          |         |   |              |         |          |                |        |        |                          | SERVES: BANK<br>MOUNTING: SURFACE<br>LOCATION: STORAGE |  |
| CKT NO.                                                                                   | DESCRIPTION                      | VOLTAMPS/PHASE |       |       | WIRE NO. | BKR AMP | P | P            | BKR AMP | WIRE NO. | VOLTAMPS/PHASE |        |        | DESCRIPTION              | CKT NO.                                                |  |
|                                                                                           |                                  | A              | B     | C     |          |         |   |              |         |          | A              | B      | C      |                          |                                                        |  |
| 1                                                                                         | TELLER LINE                      | 1,000          |       |       | 12       | 20      | 1 | 1            | 20      | 12       | 1,200          |        |        | TELLER PLATFORMS         | 2                                                      |  |
| 3                                                                                         | TELLER LINE                      |                | 1,000 |       | 12       | 20      | 1 | 1            | 20      | 12       |                | 1,000  |        | TELLER PLATFORMS-PRINTER | 4                                                      |  |
| 5                                                                                         | ATM - BLUE GLOWING WALL          |                |       | 1,000 | 12       | 20      | 1 | 1            | 20      | 12       |                |        | 1,000  | TELLER PLATFORMS-PRINTER | 6                                                      |  |
| 7                                                                                         | ATM                              | 1,000          |       |       | 12       | 20      | 1 | 1            | 20      | 12       | 1,000          |        |        | TELLER PLATFORMS         | 8                                                      |  |
| 9                                                                                         | DATA RACK                        |                | 1,000 |       | 12       | 20      | 1 | 1            | 20      | 12       |                | 1,000  |        | TELLER PLATFORMS-PRINTER | 10                                                     |  |
| 11                                                                                        | DATA RACK                        |                |       | 1,000 | 12       | 20      | 1 | 1            | 20      | 12       |                |        | 1,000  | TELLER PLATFORMS-PRINTER | 12                                                     |  |
| 13                                                                                        | PHONE SYSTEM                     | 500            |       |       | 12       | 20      | 1 | 1            | 20      | 12       | 1,000          |        |        | TELLER PLATFORMS-PRINTER | 14                                                     |  |
| 15                                                                                        | WORKSTATION                      |                | 750   |       | 12       | 20      | 1 | 1            | 20      | 12       |                | 1,000  |        | ACCOUNT SERVICE          | 16                                                     |  |
| 17                                                                                        | WORKSTATION-PRINTER              |                |       | 1,000 | 12       | 20      | 1 | 1            | 20      | 12       |                |        | 1,000  | ACCOUNT SERVICE-PRINTER  | 18                                                     |  |
| 19                                                                                        | WORKSTATION-PRINTER              | 1,000          |       |       | 12       | 20      | 1 | 1            | 20      | 12       | 750            |        |        | DRIVE UP TELLER          | 20                                                     |  |
| 21                                                                                        | WORKSTATION-COPIER               |                | 1,000 |       | 12       | 20      | 1 | 1            | 20      | 12       |                | 1,000  |        | SECURITY EQUIPMENT       | 22                                                     |  |
| 23                                                                                        | CONCIERGE/FOCAL                  |                |       | 1,000 | 12       | 20      | 1 | 1            | 20      | 12       |                |        | 1,000  | SECURITY EQUIPMENT       | 24                                                     |  |
| 25                                                                                        | CONCIERGE-PRINTER                | 1,000          |       |       | 12       | 20      | 1 | 1            | 20      | 12       | 720            |        |        | WORKSTATION              | 26                                                     |  |
| 27                                                                                        | ATM                              |                | 1,000 |       | 12       | 20      | 1 | 1            | 20      | 12       |                | 720    |        | TELLER LINE              | 28                                                     |  |
| 29                                                                                        | CONSULTATION PLATFORMS           |                |       | 1,000 | 12       | 20      | 1 | 1            | 20      | 12       |                |        | 900    | CONV. RECEPTACLE         | 30                                                     |  |
| 31                                                                                        | CONSULTATION PLATFORMS           | 1,000          |       |       | 12       | 20      | 1 | 1            | 20      | 12       | 1,800          |        |        | UPS                      | 32                                                     |  |
| 33                                                                                        | CONSULTATION PLATFORMS           |                | 1,000 |       | 12       | 20      | 1 | 1            | 20      | 12       |                | 1,800  |        | UPS                      | 34                                                     |  |
| 35                                                                                        | ATM                              |                |       | 500   | 12       | 20      | 1 | 1            | 20      | 12       |                |        | 1000   | NIGHT DEPOSITORY         | 36                                                     |  |
| 37                                                                                        | TELLER LINE FLAT SCREEN MONITORS | 500            |       |       | 12       | 20      | 1 |              |         | 12       | 7,720          |        |        | RELOCATED                | 38                                                     |  |
| 39                                                                                        | TELLER LINE FLAT SCREEN MONITORS |                | 500   |       | 12       | 20      | 1 |              |         | 12       |                | 11,055 |        | EXISTING PANEL "L"       | 40                                                     |  |
| 41                                                                                        | TELLER LINE FLAT SCREEN MONITORS |                |       | 500   | 12       | 20      | 1 |              |         | 12       |                |        | 9,663  |                          | 42                                                     |  |
| SUBTOTAL                                                                                  |                                  | 6,000          | 6,250 | 6,000 |          |         |   |              |         |          | 14,190         | 17,575 | 15,563 | SUBTOTAL                 |                                                        |  |
| IG - ISOLATED GROUND CIRCUIT                                                              |                                  |                |       |       |          |         |   |              |         |          |                |        |        |                          |                                                        |  |
| TOTAL PHASE A                                                                             |                                  |                |       |       | VA       | 20,190  |   |              |         |          |                |        |        |                          |                                                        |  |
|                                                                                           |                                  |                |       |       | AMPS     | 169     |   |              |         |          |                |        |        |                          |                                                        |  |
| TOTAL PHASE B                                                                             |                                  |                |       |       | VA       | 23,825  |   |              |         |          |                |        |        |                          |                                                        |  |
|                                                                                           |                                  |                |       |       | AMPS     | 199     |   |              |         |          |                |        |        |                          |                                                        |  |
| TOTAL PHASE C                                                                             |                                  |                |       |       | VA       | 21,563  |   |              |         |          |                |        |        |                          |                                                        |  |
|                                                                                           |                                  |                |       |       | AMPS     | 180     |   |              |         |          |                |        |        |                          |                                                        |  |
| TOTAL PANEL                                                                               |                                  |                |       |       | VA       | 65,578  |   | TOTAL DEMAND |         | VA       | 48,927         |        |        |                          |                                                        |  |
|                                                                                           |                                  |                |       |       | AMPS     | 183     |   |              |         | AMPS     | 136            |        |        |                          |                                                        |  |

PANEL: L (EXISTING)

BUS AMPS: 100A

MAIN SIZE/TYPE: MLO

VOLTS/PHASE: 208Y/120V, 3PH, 4W

SECTION(S): 1

SERVES: BANK LIGHTING

MOUNTING: SURFACE

LOCATION: STORAGE

PROVIDE EQUIPMENT GROUND

BUS IF NOT EXISTING

| CKT NO.  | DESCRIPTION            | VOLTAMPS / PHASE |       |       | WIRE SZ | BKR AMP | P | P | BKR AMP | WIRE SZ | VOLTAMPS / PHASE |       |       | DESCRIPTION             | CKT NO. |
|----------|------------------------|------------------|-------|-------|---------|---------|---|---|---------|---------|------------------|-------|-------|-------------------------|---------|
|          |                        | A                | B     | C     |         |         |   |   |         |         | A                | B     | C     |                         |         |
| 1        | FINANCIAL CENTER       | 1,058            |       |       | 12      | 20      | 1 | 1 | 20      | 12      | 500              |       |       | COFFEE WATER            | 2       |
| 3        | FINANCIAL CENTER       |                  | 1,477 |       | 12      | 20      | 1 | 1 | 20      | 12      |                  | 1,250 |       | MICROWAVE               | 4       |
| 5        | FINANCIAL CENTER       |                  |       | 1,184 | 12      | 20      | 1 | 1 | 20      | 12      |                  |       | 1,000 | REFRIGERATOR            | 6       |
| 7        | FINANCIAL CENTER       | 1,058            |       |       | 12      | 20      | 1 | 1 | 20      | 12      | 1,000            |       |       | DRIVE-UP/CONV. RECEPT   | 8       |
| 9        | NIGHT LIGHT            |                  | 738   |       | 12      | 20      | 1 | 1 | 20      | 12      |                  | 1,000 |       | KID'S AREA/CONV. RECEPT | 10      |
| 11       | TRACK INVESTMENT FOCAL |                  |       | 1,500 | 12      | 20      | 1 | 1 | 20      | 12      |                  |       | 900   | TLTS/WATER FOUNTAIN     | 12      |
| 13       | TRACK FOCAL            | 1,200            |       |       | 12      | 20      | 1 | 1 | 20      | 12      | 720              |       |       | ACCOUNT SERVICE         | 14      |
| 15       | TRACK FOCAL            |                  | 1,200 |       | 12      | 20      | 1 | 1 | 20      | 12      |                  | 1,000 |       | TELLER PLATFORMS        | 16      |
| 17       | NIGHT LIGHT            |                  |       | 922   | 12      | 20      | 1 | 1 | 20      | 12      |                  |       | 720   | TELLER LINE             | 18      |
| 19       | COVE LIGHTING          | 372              |       |       | 12      | 20      | 1 | 1 | 20      | 12      | 720              |       |       | TELLER LINE             | 20      |
| 21       | LTG-SOUTH WORK AREA    |                  | 1,165 |       | 12      | 20      | 1 | 1 | 20      | 12      |                  | 1,000 |       | CONV. RECEPTACLE        | 22      |
| 23       | LTG-NORTH WORK AREA    |                  |       | 1,352 | 12      | 20      | 1 | 1 | 20      | 12      |                  |       | 720   | CONSULTATION PLATFORMS  | 24      |
| 25       | EF-3/FC-1              | 292              |       |       | 12      | 20      | 1 | 1 | 20      | 12      | 720              |       |       | CONSULTATION PLATFORMS  | 26      |
| 27       | CU-1                   |                  | 905   |       | 10      | 30      | 2 |   |         | 10      |                  | 1,000 |       | TELLER PLATFORMS        | 28      |
| 29       |                        |                  |       | 905   |         |         |   |   |         |         |                  |       | 540   | WORK STATION            | 30      |
| SUBTOTAL |                        | 3,980            | 5,495 | 5,783 |         |         |   |   |         |         | 3,700            | 5,720 | 3,280 | SUBTOTAL                |         |

TOTAL PHASE A

AMPS

7,720

64

TOTAL PHASE B

AMPS

11,055

93

TOTAL PHASE C

AMPS

9,663

81

TOTAL PANEL

AMPS

28,438

80

TOTAL DEMAND

VA

29,710

AMPS

83

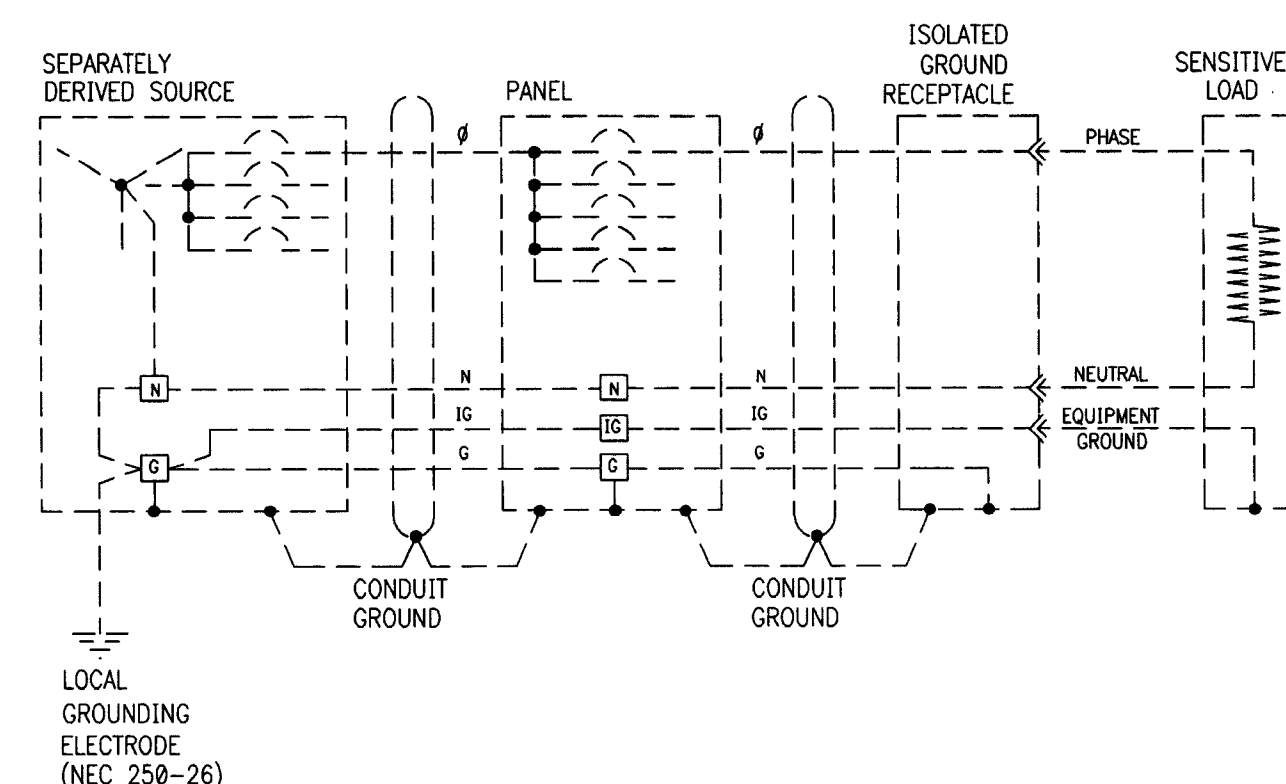
ALL CIRCUIT BREAKERS ARE EXISTING TO REMAIN

UNLESS NOTED OTHERWISE, NEW BREAKER SHALL

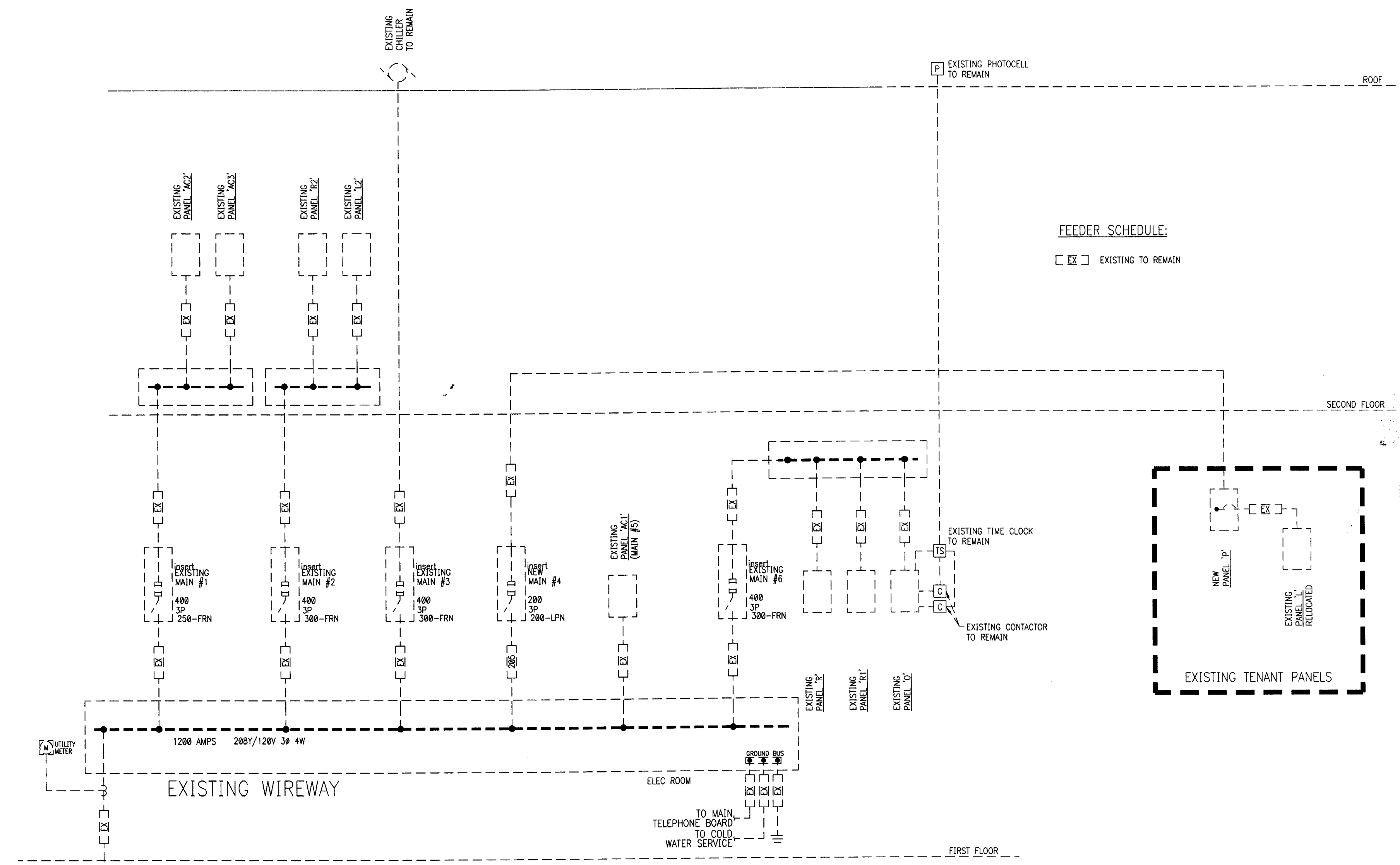
MATCH MANUFACTURER AND AIC RATING OF

EXISTING CIRCUIT BREAKER.

ALL CIRCUIT BREAKERS ARE EXISTING TO REMAIN  
UNLESS NOTED OTHERWISE NEW BREAKER SHALL  
MATCH MANUFACTURER AND AIC RATING OF  
EXISTING CIRCUIT BREAKER.



2 EXISTING ISOLATED GROUNDING CONDUCTOR  
PASS-THROUGH DISTRIBUTION PANEL DETAIL  
NTS

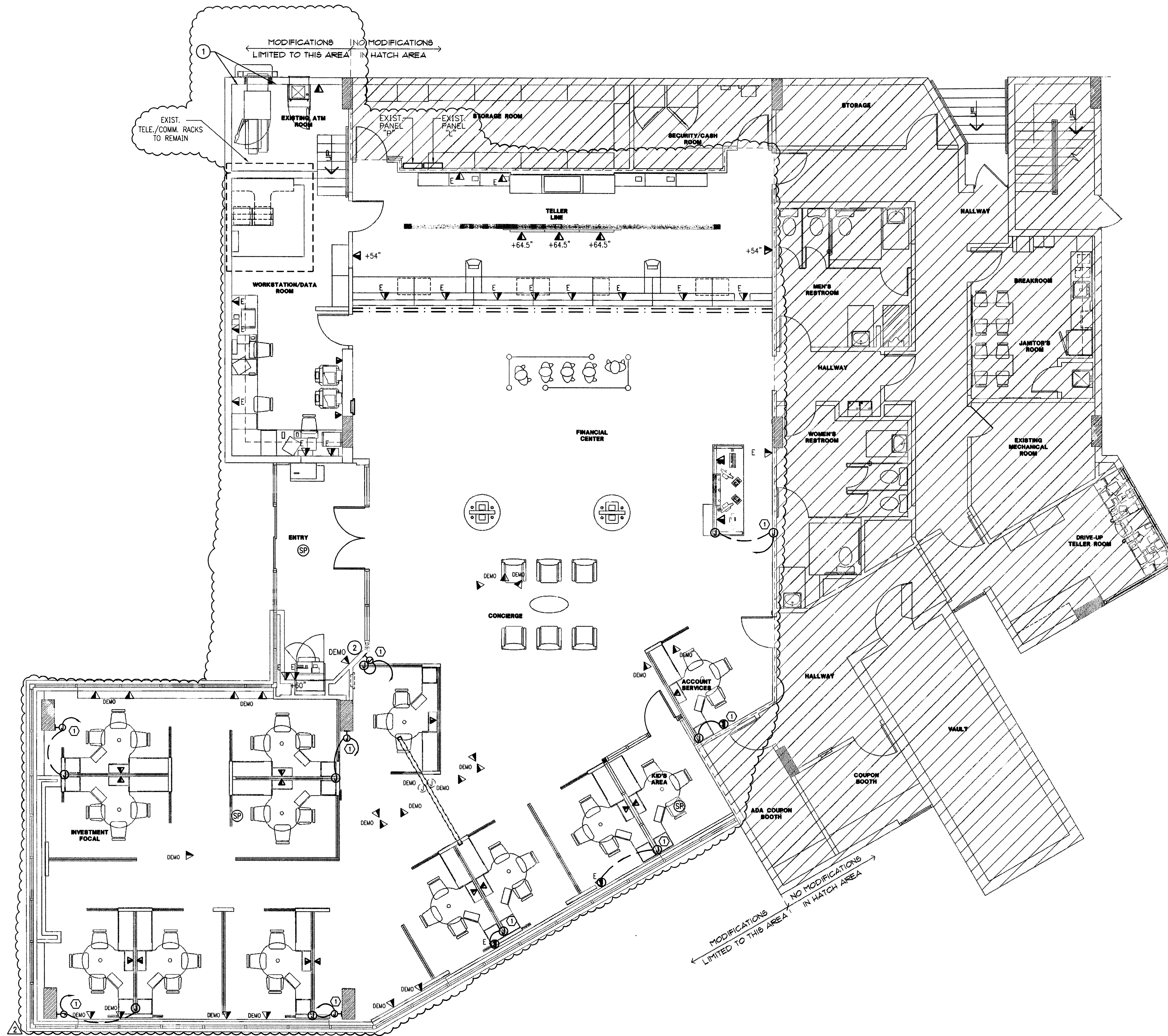


1 EXISTING ELECTRICAL ONE-LINE RISER DIAGRAM  
NTS

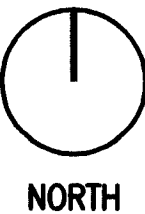
FEEDER SCHEDULE:

☒ EXISTING TO REMAIN

Electrical Plans Examiner  
Lic. # PX 2611



ELECTRICAL PLAN - SYSTEMS  
3/16" = 1'-0"



SYSTEM - DEMO GENERAL NOTES

1. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXISTING TO BE REMOVED OR RELOCATED. REMOVE ASSOCIATED SYSTEMS DEVICES AND WIRING.
2. REMOVE ALL DEVICES, JUNCTION BOXES (IF POSSIBLE), CONDUIT (IF NECESSARY) AND WIRING BACK TO NEAREST JUNCTION BOX THAT IS TO REMAIN IN ALL AREAS BEING DEMOLISHED OR RENOVATED UNLESS OTHERWISE NOTED. FLOOR BOXES AND CONDUIT IN FLOOR SLAB WILL NOT BE REMOVED. TURN OVER ALL REMOVED MATERIALS TO OWNER AT OWNER'S DISCRETION.
3. ALL DEVICES SHOWN ON PLAN ARE EXISTING. REFER TO SYMBOL LEGEND FOR DEVICE DESCRIPTION.
4. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
5. THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES WITHIN THE PROJECT AREA. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE PMC. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
6. ALL CONDUITS SERVING OTHER SPACES, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED W/ BONDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
7. ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
8. THIS CONTRACTOR SHALL PROVIDE ELECTRICAL FOR PHASING WORK AS REQUIRED OR DIRECTED BY THE ARCHITECT, REFER TO ARCHITECTURAL PHASING PLAN. TEMPORARY ELECTRICAL SERVICES (POWER, LIGHTING, FIRE ALARM, ETC.) SHALL BE PROVIDED WHEN NEW WORK AFFECTS SERVICES NEEDING TO REMAIN ACTIVE.
9. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.

SYSTEM - DEMO PLAN NOTES

1. RELOCATE TELE/COMM. ON THIS WALL AS NECESSARY TO AVOID CONFLICTS DUE TO WALL RENOVATION. REUTILIZE EXISTING OUTLETS.
2. DEVICE TO BE REMOVED. REMOVE WIRING BACK TO NEAREST JUNCTION BOX THAT IS TO REMAIN. PROVIDE BLANK COVER AND PATCH TO MATCH SURROUNDING WALL. COORDINATE WITH ARCHITECTURAL.

SYSTEMS - NEW GENERAL NOTES

1. ALL SYSTEMS DEVICE LOCATIONS SHOWN ON PLAN SHALL CONSIST OF JUNCTION BOX AND CONDUIT ONLY. DEVICE, FACEPLATE AND WIRING TO BE PROVIDED BY OTHERS.
2. ALL SYSTEMS CONDUITS IN WALL SHALL BE MINIMUM 1" C, STUBBED UP AT LEAST 6" ABOVE TOP OF ACCESSIBLE CEILING GRID AND PROVIDED WITH A 90° BEND TOWARD SYSTEMS RACKS AND END BUSHINGS.
3. VERIFY MOUNTING AND LOCATION OF ALL OUTLETS WITH ARCHITECT PRIOR TO INSTALLATION.

SYSTEMS - NEW PLAN NOTES

1. JUNCTION BOX AND/OR CONDUIT IN FLOOR FOR FEED TO WORKSTATION. ROUTE 1" CONDUIT DOWN COLUMN INTO JUNCTION BOX OR SLAB. SAWCUT AND PATCH SLAB AS NECESSARY. COORDINATE CONNECTION WITH FURNITURE INSTALLATION REQUIREMENTS.

Electrical Plans Examiner  
Lic. # PX 2611

INTERPLAN

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA8660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124

SEAL:

MALCOLM RUSSO  
OCT 8 2009

CONSULTANT:

REVISIONS:

| NO. | DATE    | REMARKS         |
|-----|---------|-----------------|
| 2   | 6-10-09 | OWNER REVISIONS |

**CHASE**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMI BLDG ID# 1924 CHASE STORE ID# 1742  
1801 ALTON ROAD  
MIAMI, FL 33139

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 04/30/2009

ELECTRICAL PLAN -  
SYSTEMS

E3.0

DRAWN BY: SN  
CHECKED BY: MGR

**PUBLIC WORKS**  
**PLAN REVIEW NOTICE**

Phone 305-673-7080 Fax 305-673-7028

**THIS PLAN REVIEW CONSTITUTES APPROVAL FOR  
OBTAINING BUILDING PERMITS ONLY.**

Al construction and/or use of equipment in the right-of-way and/or  
basements, requires a separate Public Works Department permit prior  
to start of construction.

Permit Requirements: Proof of existing sidewalk/swale area conditions  
(pictures) and/or posting of sidewalk/roadway bonds  
(Public Works inspection of the right-of-way will be required prior to  
that sign-off on the C.C./O.C., or the release of bonds.)

Approved/Reviewed By: 10-9-2009 Date: 10-9-2009

*[Handwritten signature]*

10/9/09

10/09/09

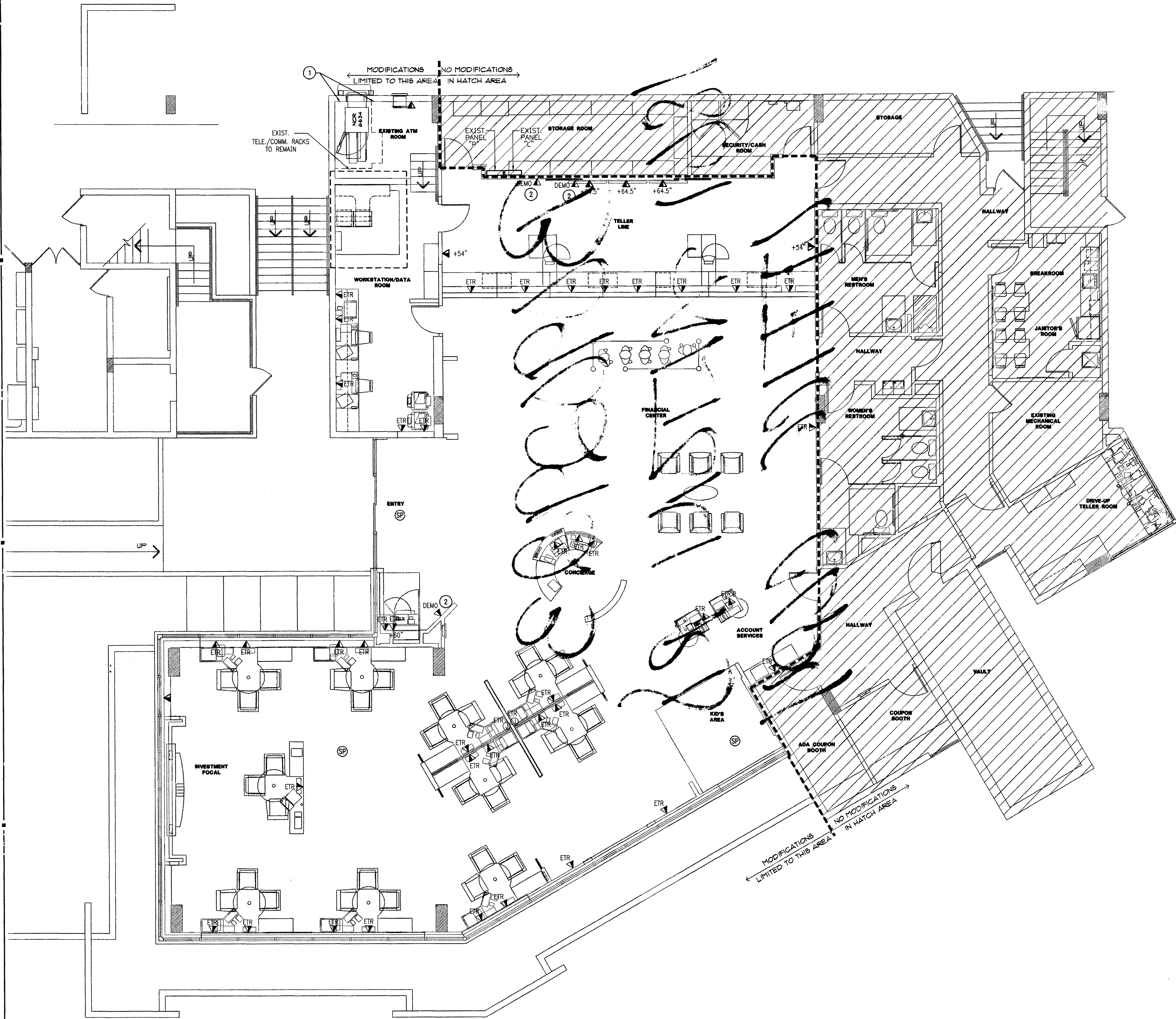
10/09/09

10/09/09

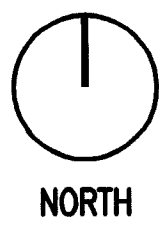
10-9-2009

Ufer

10/9/09



ELECTRICAL PLAN - SYSTEMS  
3/16" = 1'-0"



SYSTEM - DEMO GENERAL NOTES

1. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXISTING TO BE REMOVED OR RELOCATED. REMOVE ASSOCIATED SYSTEMS DEVICES AND WIRING.
2. REMOVE ALL DEVICES, JUNCTION BOXES (IF POSSIBLE), CONDUIT (IF NECESSARY) AND WIRING BACK TO NEAREST JUNCTION BOX THAT IS TO REMAIN IN ALL AREAS BEING DEMOLISHED OR RENOVATED UNLESS OTHERWISE NOTED. FLOOR BOXES AND CONDUIT IN FLOOR SLAB WILL NOT BE REMOVED. TURN OVER ALL REMOVED MATERIALS TO OWNER AT OWNER'S DISCRETION.
3. ALL DEVICES SHOWN ON PLAN ARE EXISTING. REFER TO SYMBOL LEGEND FOR DEVICE DESCRIPTION.
4. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
5. THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES WITHIN THE PROJECT AREA. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE PMC. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
6. ALL CONDUITS SERVING OTHER SPACES, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED W/ BONDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
7. ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
8. THIS CONTRACTOR SHALL PROVIDE ELECTRICAL FOR PHASING WORK AS REQUIRED OR DIRECTED BY THE ARCHITECT, REFER TO ARCHITECTURAL PHASING PLAN. TEMPORARY ELECTRICAL SERVICES (POWER, LIGHTING, FIRE ALARM, ETC.) SHALL BE PROVIDED WHEN NEW WORK AFFECTS SERVICES NEEDING TO REMAIN ACTIVE.
9. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.

SYSTEM - DEMO PLAN NOTES

1. RELOCATE TELE./COMM. ON THIS WALL AS NECESSARY TO AVOID CONFLICTS DUE TO WALL RENOVATION. REUTILIZE EXISTING OUTLETS.
2. DEVICE TO BE REMOVED. REMOVE WIRING BACK TO NEAREST JUNCTION BOX THAT IS TO REMAIN. PROVIDE BLANK COVER AND PATCH TO MATCH SURROUNDING WALL. COORDINATE WITH ARCHITECTURAL.

SYSTEMS - NEW GENERAL NOTES

1. ALL SYSTEMS DEVICE LOCATIONS SHOWN ON PLAN SHALL CONSIST OF JUNCTION BOX AND CONDUIT ONLY. DEVICE, FACEPLATE AND WIRING TO BE PROVIDED BY OTHERS.
2. ALL SYSTEMS CONDUITS IN WALL SHALL BE MINIMUM 1", STUBBED UP AT LEAST 6" ABOVE TOP OF ACCESSIBLE CEILING GRID AND PROVIDED WITH A 90° BEND TOWARD SYSTEMS RACKS AND END BUSHINGS.
3. VERIFY MOUNTING AND LOCATION OF ALL OUTLETS WITH ARCHITECT PRIOR TO INSTALLATION.

INTERPLAN

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.645.5024

SEAL:  
MICHAEL RUSSO  
MAY 0 2009

CONSULTANT:

REVISIONS:

NO. DATE REMARKS

**CHASEO**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG IDF 1924 CHASE STORE IDF 1242  
1801 ALTON ROAD  
MIAMI, FL 33139

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 04/30/2009

ELECTRICAL PLAN -  
SYSTEMS

E3.0

DRAWN BY: SN  
CHECKED BY: MGR

M2009 006 748



0000299746

**DERM**  
PLAN REVIEW  
FINAL  
APPROVAL

DEPARTMENT OF ENVIRONMENTAL  
REMADELS MANAGEMENT

CORE REVIEWER: [Signature] DATE: 6/16/09  
SIGNATURE: [Signature]

36902923  
1801 ALTA RD  
OFFICE COPY

36902923/1801 ALTA RD

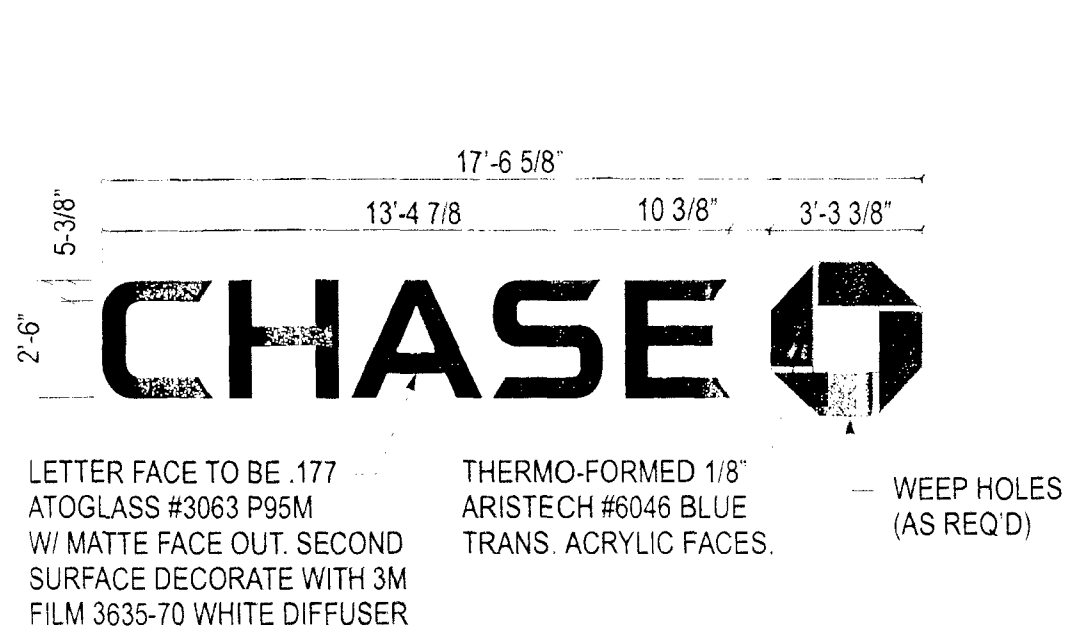
**OFFICE COPY**

**CITY OF MIAMI BEACH**

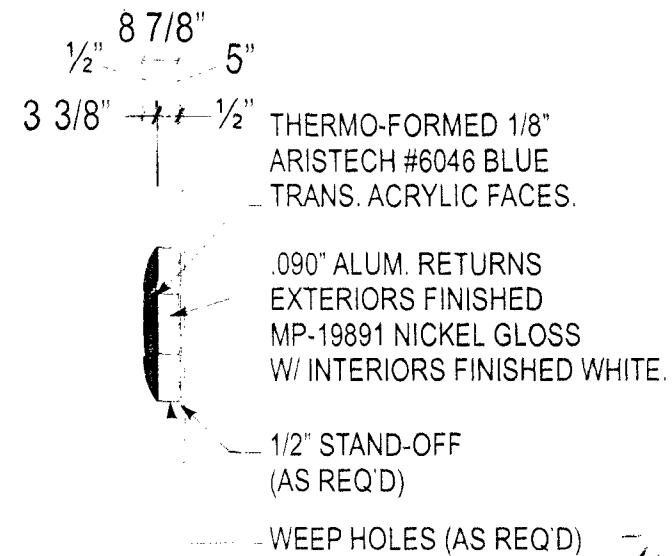
APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING: mm 5/10/09 mm 9/15/09  
ZONING: \_\_\_\_\_  
DRB/HPB: \_\_\_\_\_  
CONCURRENCE: \_\_\_\_\_  
PLUMBING: 05/10/09 05/11/09 09/10/09 09/11/09  
ELECTRICAL: 05/11/09 09/10/09 09/11/09  
MECHANICAL: 05/11/09 09/10/09 09/11/09  
FIRE PREVENTION: 05/11/09 09/10/09 09/11/09  
ENGINEERING: 05/11/09 09/10/09 09/11/09  
PUBLIC WORKS: 05/11/09 09/10/09 09/11/09  
STRUCTURE: RV 5-22-05 RV 9-16-05

plen



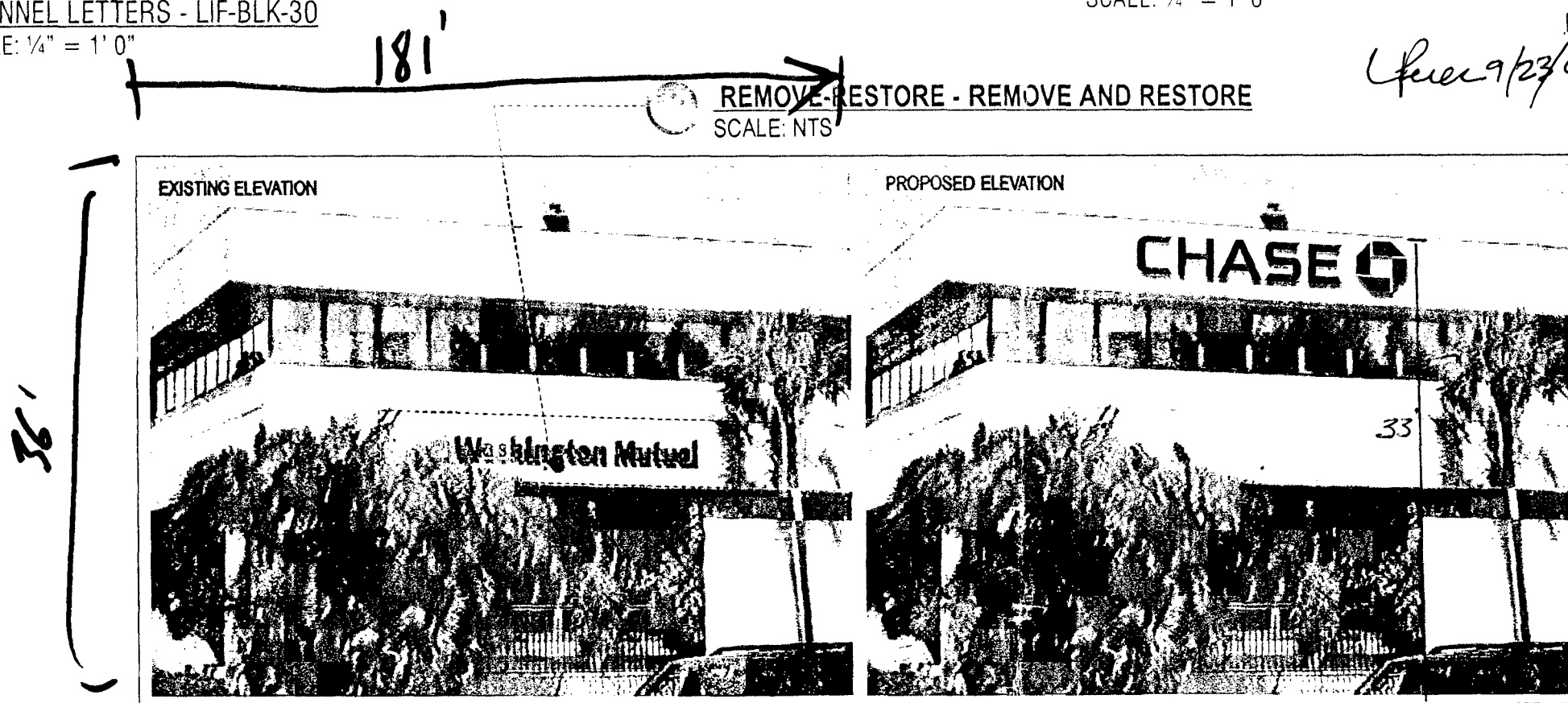
① CHANNEL LETTERS - LIF-BLK-30  
 SCALE: 1/4" = 1' 0"



OCTAGON - SIDE VIEW  
 SCALE: 1/4" = 1' 0"

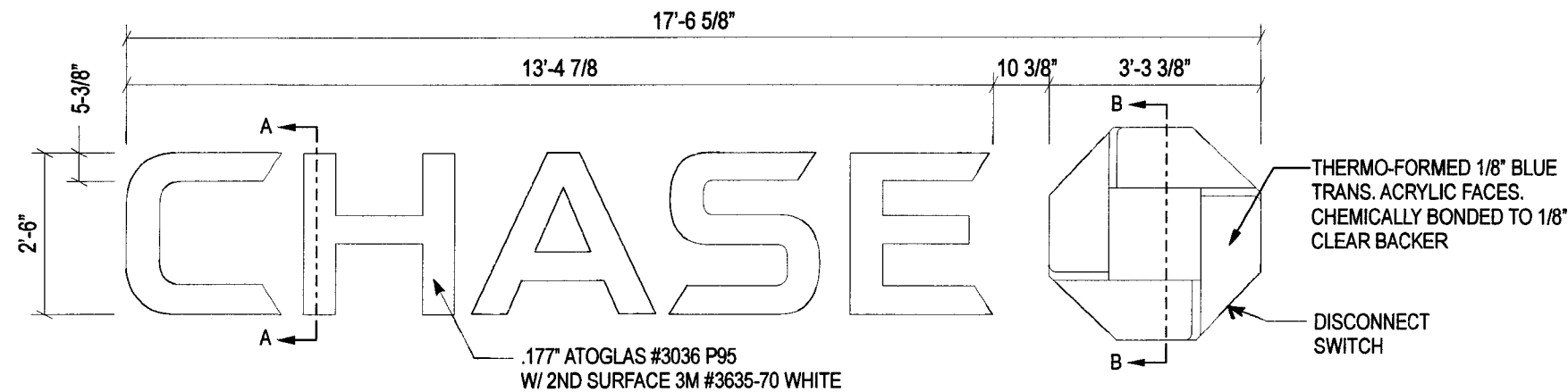
OFFICE COPY  
 CITY OF MIAMI BEACH

PERMIT BY  
 FOLLOWING:  
 BUILDING: 9/23/09  
 ZONING: 9/23/09  
 DRB/HPB:  
 CONCRETE: 7/7/09  
 PLUMBING: 7/7/09  
 ELECTRICAL: 7/7/09  
 MECHANICAL: 7/7/09  
 FIRE PREVENTION: 7/7/09  
 ENGINEERING: 7/7/09  
 PUBLIC WORKS: 7/7/09  
 STRUCTURAL: 7/7/09  
 ELEVATOR:



SOUTH ELEVATION - LIF-BLK-30  
 Scale: NTS

SGN#1  
 WALL HEIGHT: 36'  
 WALL LENGTH: 181'  
 PROPOSED SIGN: 57 SF  
 36' WALL AREA: 6516



**CHANNEL LETTERS (BLACK LTRS / BLUE OCTAGON) LIF-BLK-30-s (2) REQ'D**

SCALE: 3/8" = 1'-0"

**GENERAL NOTES:**

- U.L. LISTED - FILE NUMBER E157099
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH "NEC" REF. SECTION 600
- ALL ELECTRICAL SIGN SECTIONS TO HAVE U.L. LABEL IN ACCORDANCE WITH "NEC" 600.3 AND MANUFACTURERS LABEL LOCATED NEXT TO DISCONNECT SWITCH
- ALL NON-CURRENT CARRYING METAL PARTS OF SIGN SHALL BE GROUNDED & BONDED IN ACCORDANCE WITH "NEC" 250
- ALL WIRING CONTAINED IN ENCLOSED AREAS WITH LAMPS SHALL BE FIXTURE RATED
- SPlicing OF CONDUCTORS SHALL BE MADE IN JUNCTION BOXES OR SIMILAR METAL ENCLOSURES
- AT THE POINT THAT ELECTRICAL CABLE PASSES THRU THE SIGN BOX, IT SHALL PASS THRU A U.L. LISTED RUBBER GROMMET

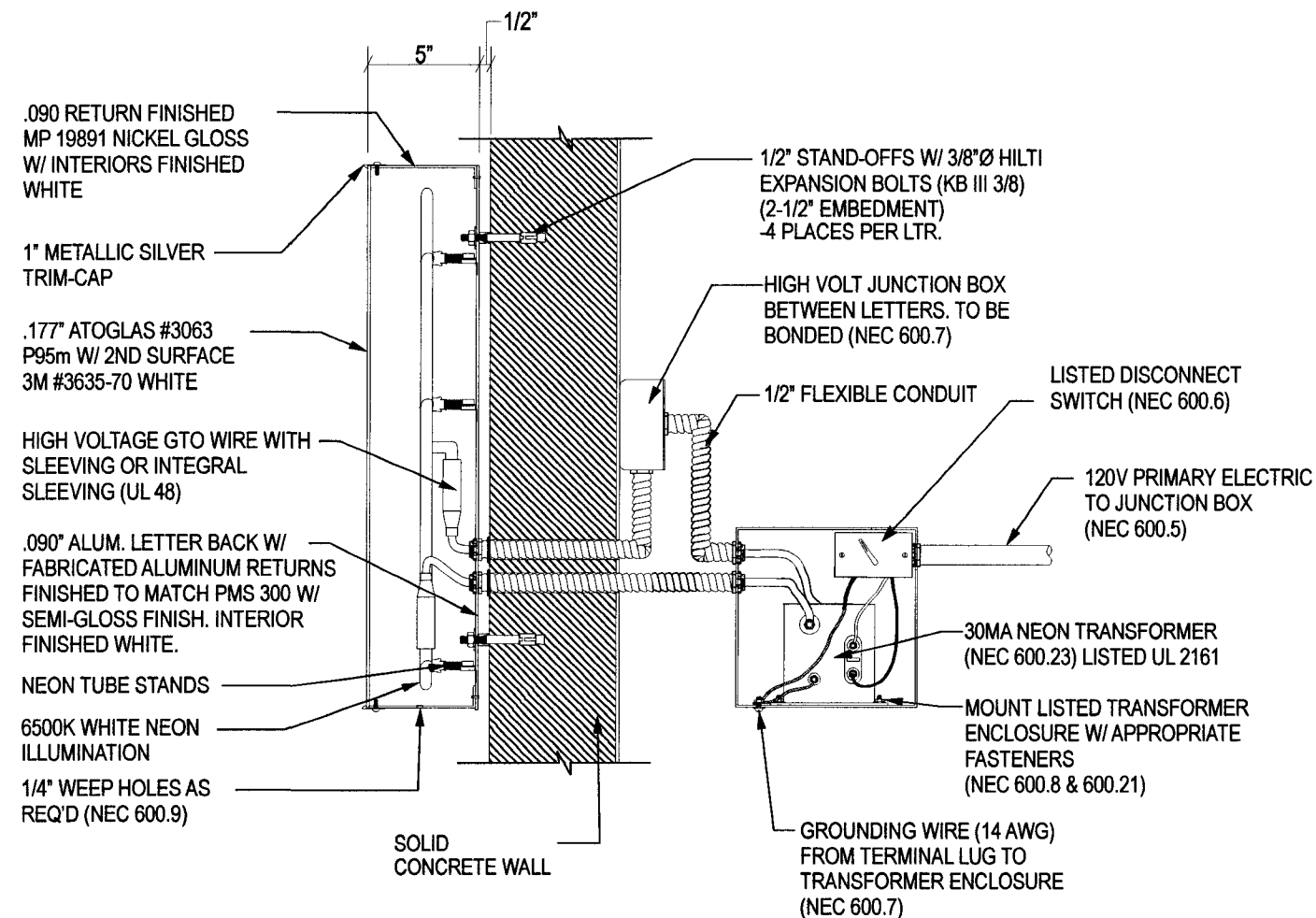
**SIGN MOUNTING HEIGHT TO BE 40FT MAXIMUM**

**ESTIMATED SIGN WEIGHT**

- 28 lbs. PER LETTER
- 52 lbs. PER LOGO

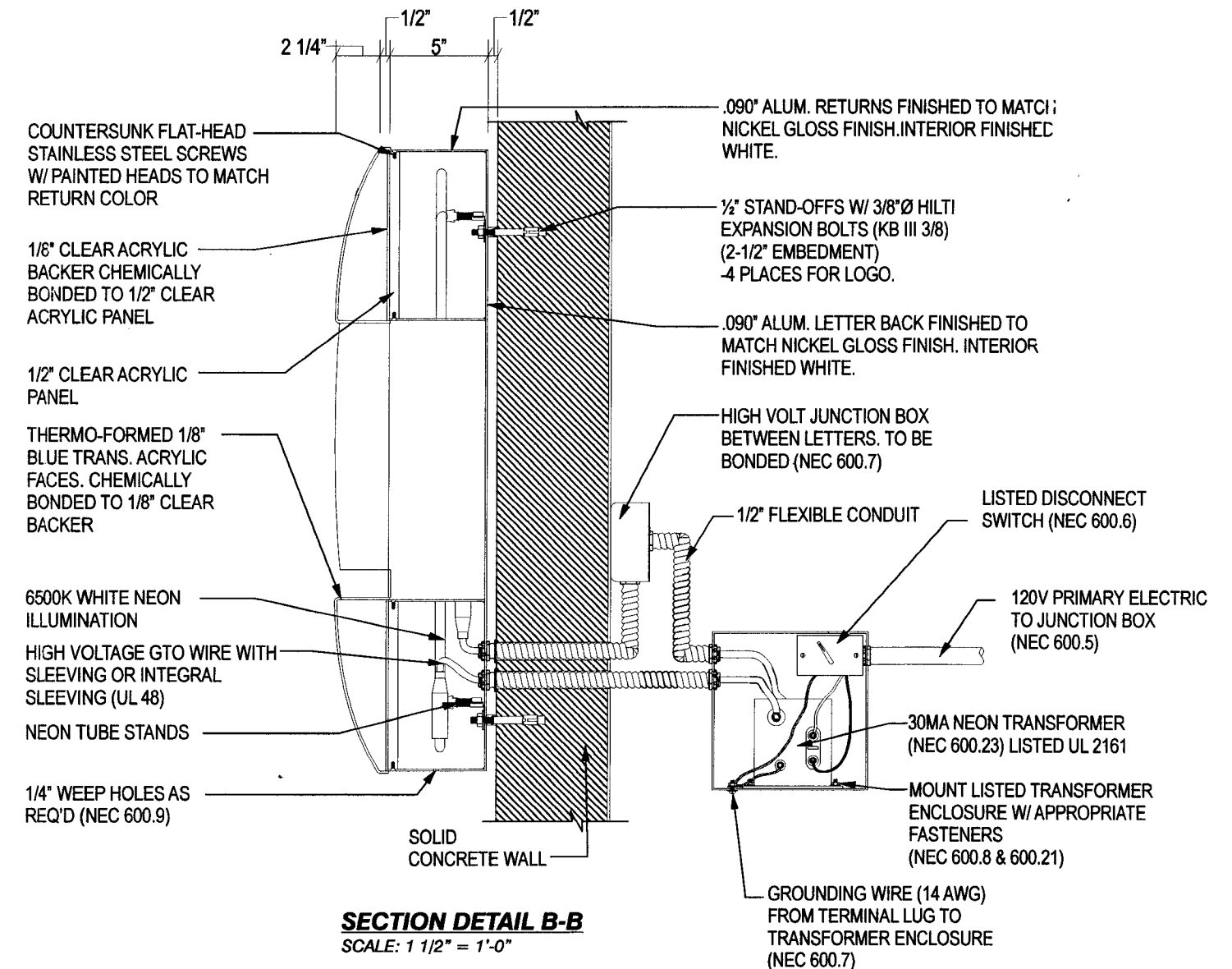
146 MPH WIND LOAD  
 IMPORTANCE FACTOR 1.0  
 EXPOSURE C  
 2007 FLORIDA BUILDING CODE  
 2009 SUPPLEMENT  
 SECTION 16 WIND LOAD  
 ASCE 7-05

ENCON SERVICES, INC.  
 AARON BIEDENBACH  
 2272 JAUDON ROAD  
 DOVER, FL 33527  
 813-655-3373  
 FLPE #52949, FLEB #9394



**SECTION DETAIL A-A**

SCALE: 1 1/2" = 1'-0"



**SECTION DETAIL B-B**

SCALE: 1 1/2" = 1'-0"

CHAS 1801 Alton Road - Miami Beach, FL 33139 W1742

08-2167-8

CORPORATE OFFICE: 360 CRIDER AVENUE MOORESTOWN, NJ 08057 P - 856.802.1677 F - 856.802.0412

FLORIDA 2416 SAND LAKE ROAD ORLANDO, FL 32809 - TEXAS SERVICE CENTER 460 SOUTH BELTLINE ROAD SUITE 422 IRVING, TX 75060 - NORTH CAROLINA 120 CASCADE DRIVE CONCORD, NC 28027 - TEXAS 7303 BURLESON ROAD, SUITE 706 AUSTIN, TX 78744

THIS IS AN ORIGINAL UNPUBLISHED DRAWING CREATED BY NW SIGN INDUSTRIES, INC. IT IS PROVIDED FOR THE EXCLUSIVE USE BY THE CUSTOMER AND FOR THE PROJECT NAMED IN THIS TITLE BLOCK. IT SHALL NOT BE PROVIDED TO ANY OTHER SIGN MANUFACTURER OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF NW SIGN INDUSTRIES, INC. THIS DRAWING IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF NW SIGN INDUSTRIES, INC. ©NW SIGN INDUSTRIES, INC. 2008

# EnCon Services, Inc.

## Sign Design Calculations

### Job Description

Chase Bank 1742

1801 Alton Rd.

Miami Beach, Florida

2'-6" Chase Letterset

Design per 2007 Florida Building Code, 2009 supplement, Section 16 Wind Load

ASCE 7-05

PREPARED BY: EnCon Services, Inc.

2272 Jaudon Road

Dover, FL 33527

813-655-3373

F 813-655-9814

Aaron Biedenbach, P.E.

FL PE #52949, FL EB 9394

OH PE 60756, OC #01893

KY PE #20281, P #2463

IN PE #PE 19600322

FL CBC #060535, QB #22527

### Design Specifications

|                   |                          |
|-------------------|--------------------------|
| Importance Factor | 1                        |
| Kzt               | 1                        |
| Exposure Factor   | C                        |
| Kd                | 1                        |
| Kz                | 1.04                     |
| V                 | 146 (mph)                |
| GCp-GCpi          | 1.28 Zone 4, H < 60 Feet |
| Wind Pressure     | 72.6 (psf)               |

### Sign Information Per Letter

|                       |           |
|-----------------------|-----------|
| Height                | 2.50 (ft) |
| Width                 | 2.50 (ft) |
| Thickness             | 1.00 (ft) |
| Distance grade to top | 40 (ft)   |

Wind Shear Force 181.61 (lb)

Weight of Sign 62.5 (lb)

**Total Shear Force = 192.06 (lb)**

**Total Tension Force = 454.01 (lb)**

*6/18/09*

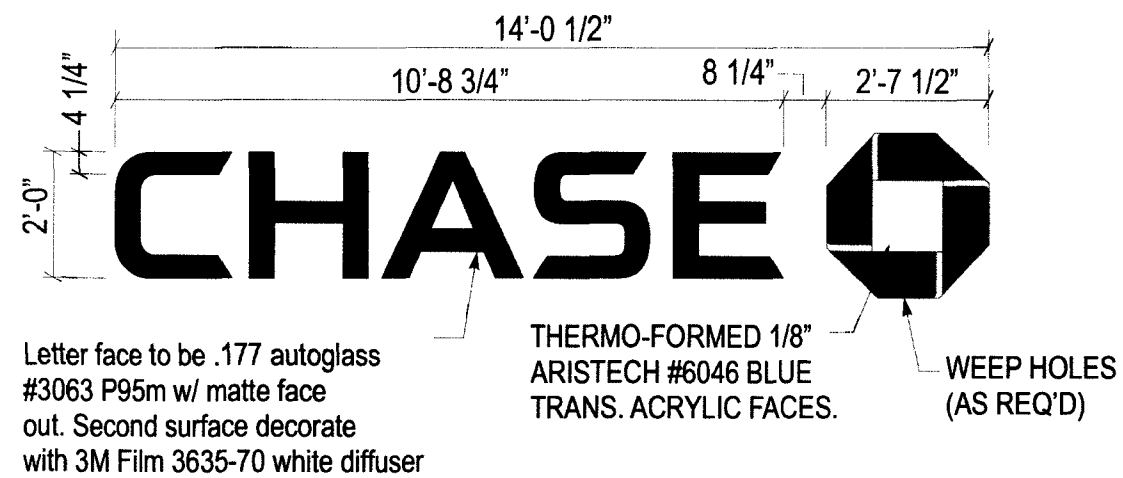
|                                        | Required | Provided |
|----------------------------------------|----------|----------|
| Fastener size (Nominal)                | 3/8      | 3/8      |
| Minimum number of fasteners Per letter | 4        | 4        |
| Shear Force per fastener (lb)          | 48.0     | 280      |
| Tension Force per fastener (lb)        | 113.5    | 352      |

Combination Tension and Shear ratio **0.49 < 1 O.K.**

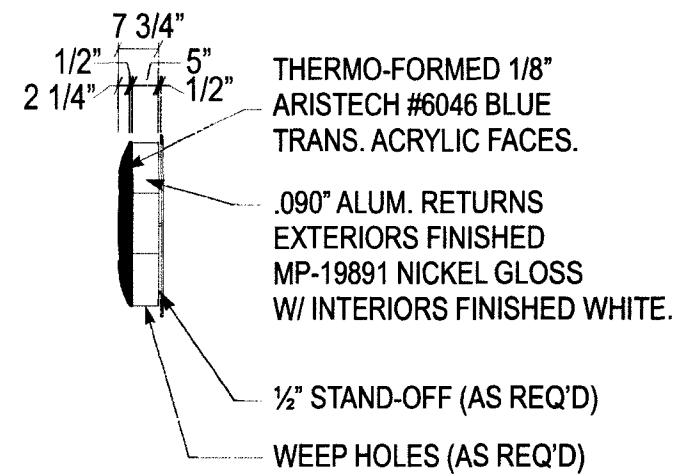
THREADED ROD THROUGH WALL IS PREFERRED IN ALL INSTANCES. IF IT IS NOT POSSIBLE TO USE THREADED ROD, SEE CHART BELOW FOR APPROPRIATE ANCHOR SELECTION. SIZE AND NUMBER REQUIRED ARE NOTED IN THE CHART ABOVE.

| WALL STRUCTURE | ANCHOR TYPE                                           |
|----------------|-------------------------------------------------------|
| SOLID CONCRETE | HILTI KWIK BOLT 3 EXPANSION ANCHOR (2-1/2" EMBEDMENT) |

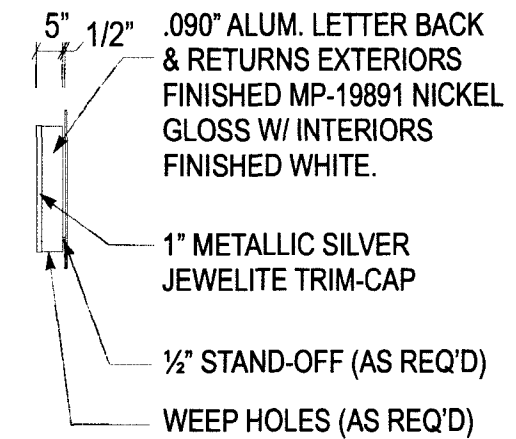
ALL ANCHORS SHALL BE CHOSEN AND PLACED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS



**CHANNEL LETTERS LIF-BLK-24-s - ELEVATION**  
 SCALE: 1/4" = 1' 0"

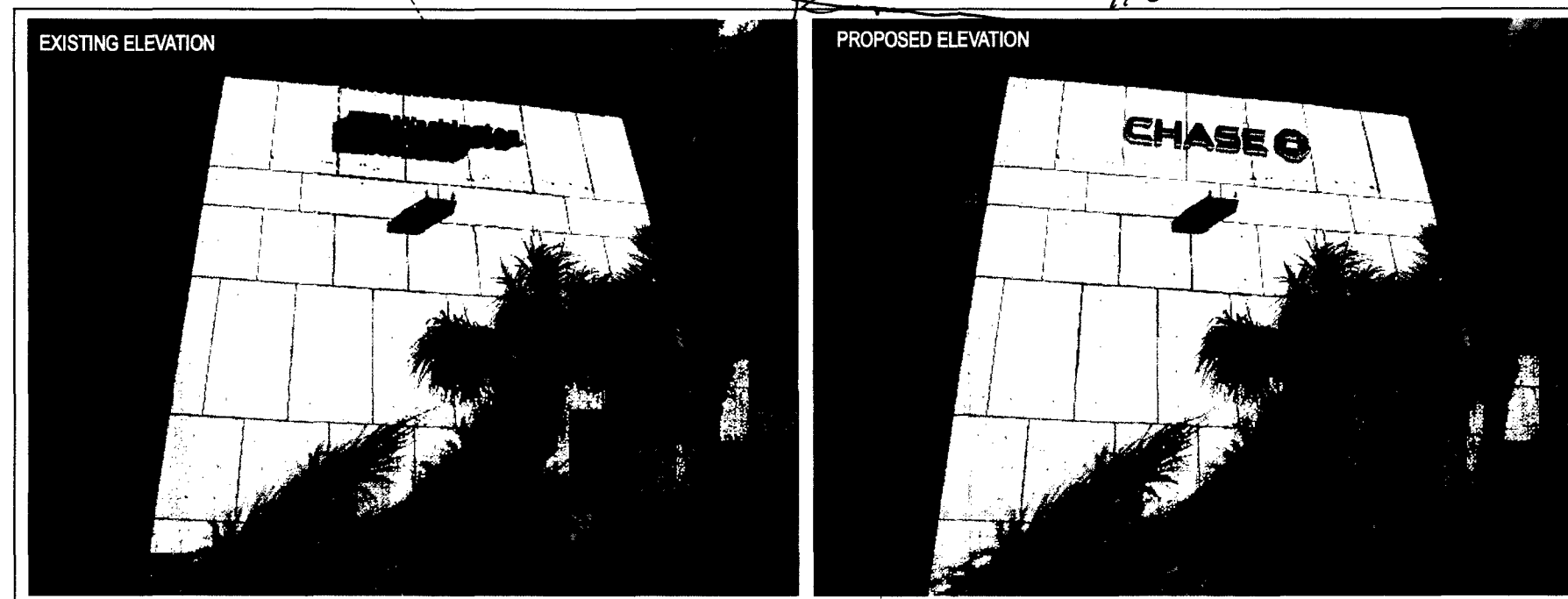


**OCTAGON - SIDE VIEW**  
 SCALE: 1/4" = 1' 0"



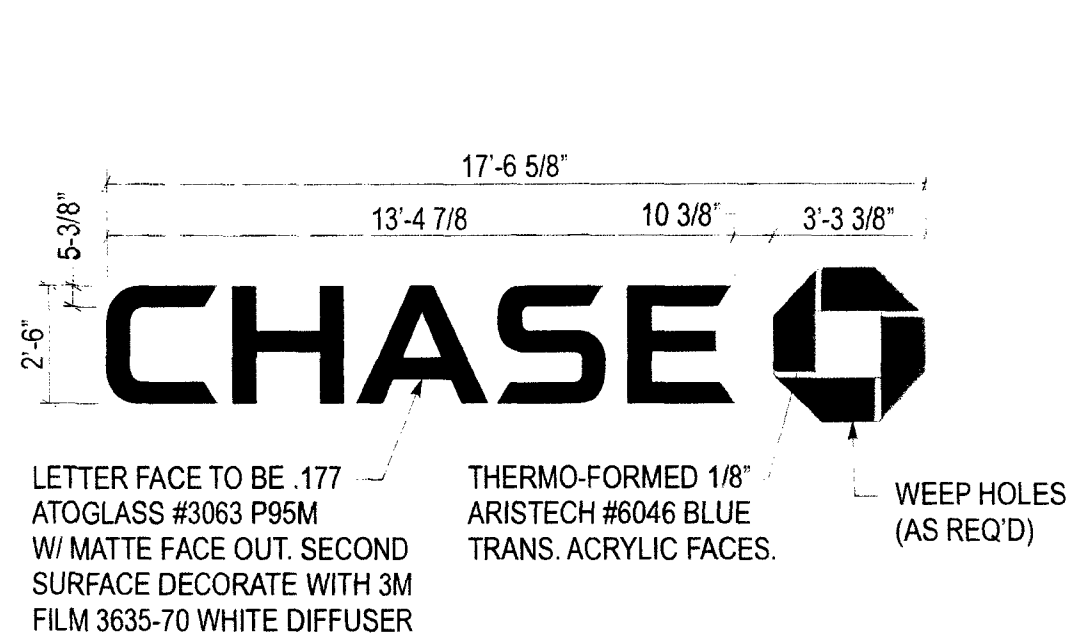
**LETTER - SIDE VIEW**  
 SCALE: 1/4" = 1' 0"

**REMOVE-RESTORE - REMOVE AND RESTORE**  
 SCALE: NTS



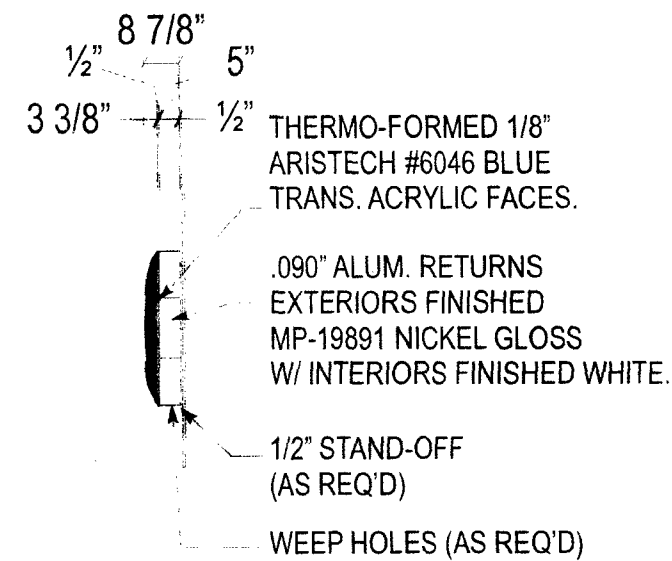
**WEST ELEVATION - LIF-BLK-30**  
 Scale: NTS

SIGN #2  
 WALL HEIGHT: 36'  
 WALL LENGTH: 110'  
 WALL AREA: 3960 sf  
 Proposed Sign Area: 37 sf

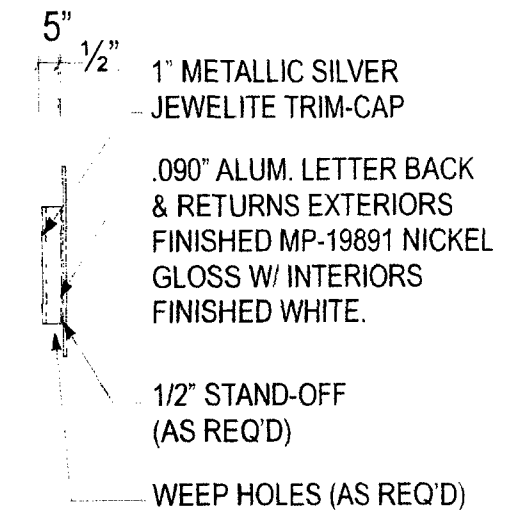


**CHANNEL LETTERS- LIF-BLK-30-s - ELEVATION**  
SCALE: 1/4" = 1' 0"

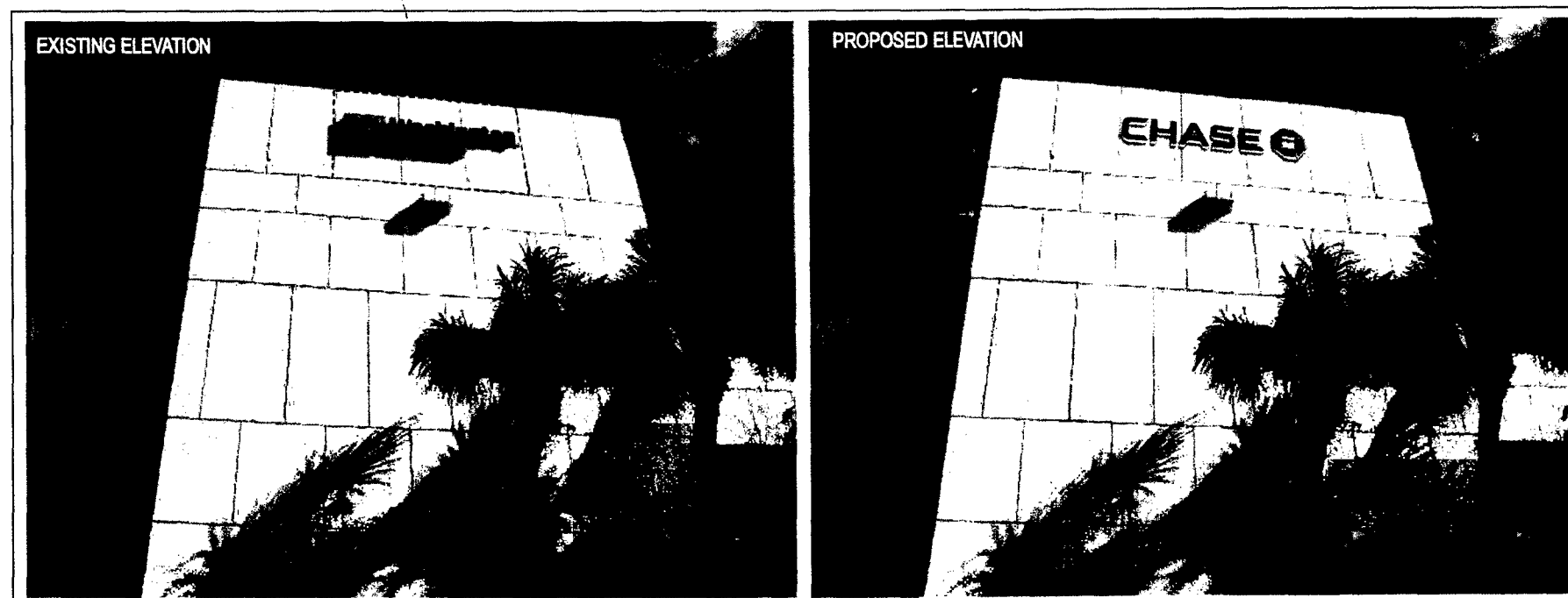
**REMOVE-RESTORE - REMOVE AND RESTORE**  
SCALE: NTS



**OCTAGON - SIDE VIEW**  
SCALE: 1/4" = 1' 0"



**LETTER - SIDE VIEW**  
SCALE: 1/4" = 1' 0"



**WEST ELEVATION - LIF-BLK-30**  
Scale: NTS

SIGN 2

WALL HEIGHT: 36

WALL LENGTH: 110'

PROPOSED SIGN: 57 SF

**GENERAL NOTES:**

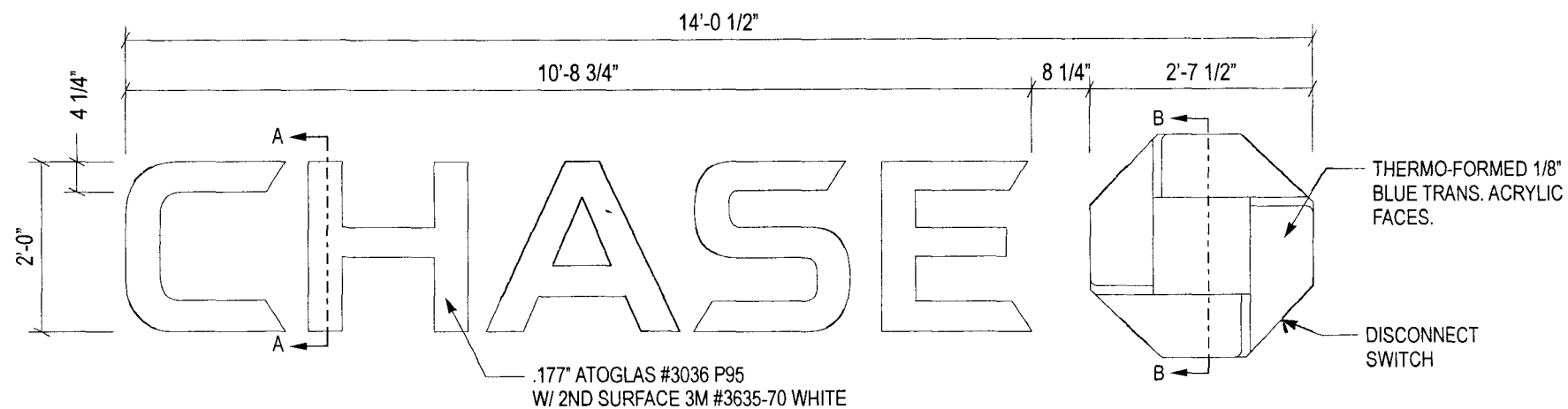
- U.L. LISTED - FILE NUMBER E157099
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH "NEC" REF. SECTION 600
- ALL ELECTRICAL SIGN SECTIONS TO HAVE U.L. LABEL IN ACCORDANCE WITH "NEC" 600.3 AND MANUFACTURERS LABEL LOCATED NEXT TO DISCONNECT SWITCH
- ALL NON-CURRENT CARRYING METAL PARTS OF SIGN SHALL BE GROUNDED & BONDED IN ACCORDANCE WITH "NEC" 250
- ALL WIRING CONTAINED IN ENCLOSED AREAS WITH LAMPS SHALL BE FIXTURE RATED
- SPlicing OF CONDUCTORS SHALL BE MADE IN JUNCTION BOXES OR SIMILAR METAL ENCLOSURES
- AT THE POINT THAT ELECTRICAL CABLE PASSES THRU THE SIGN BOX, IT SHALL PASS THRU A U.L. LISTED RUBBER GROMMET

**ESTIMATED SIGN WEIGHT**

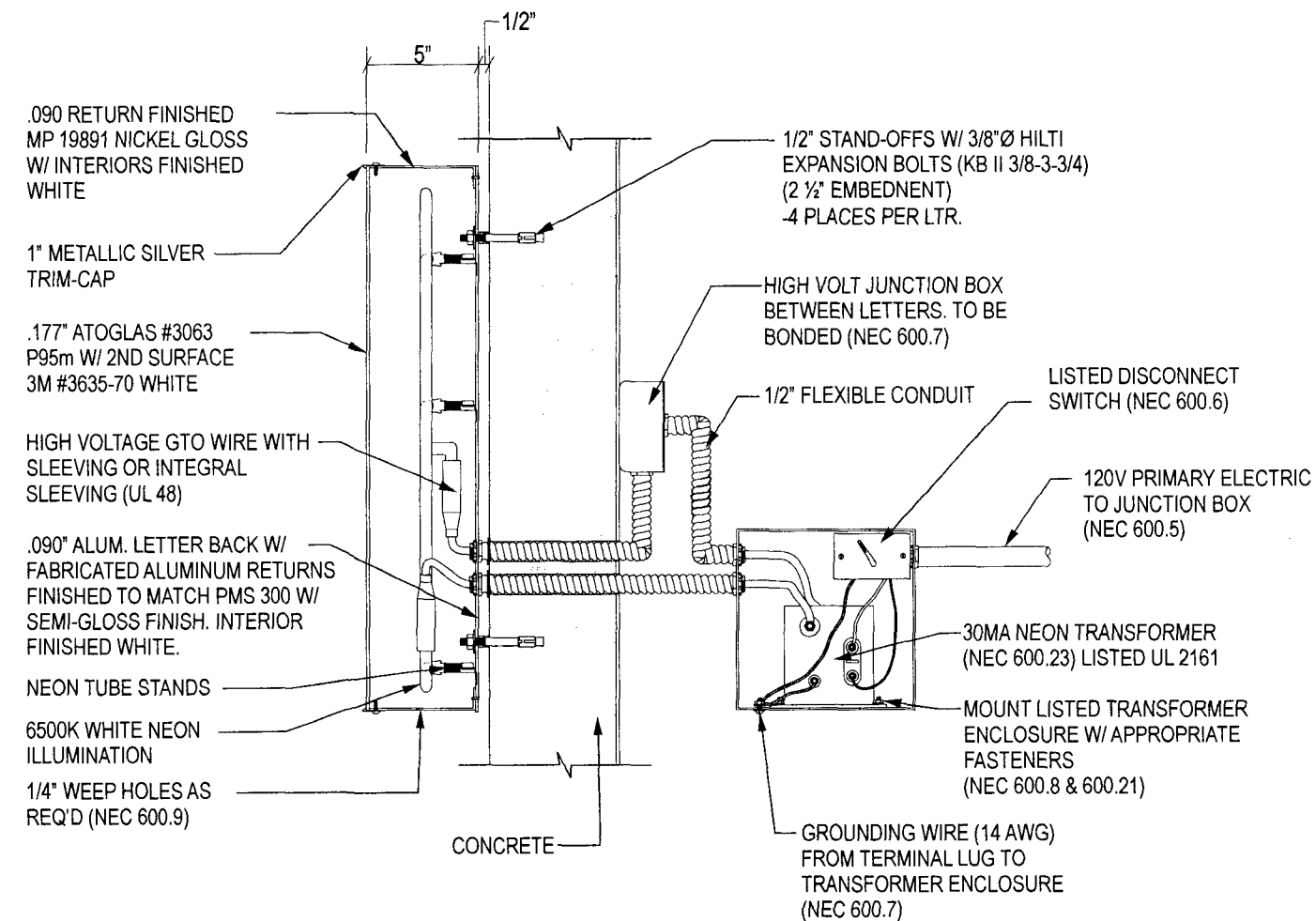
- 16 lbs. PER LETTER
- 32 lbs. PER LOGO

146 MPH WIND LOAD  
 IMPORTANCE FACTOR 1.0  
 EXPOSURE C  
 2007 FLORIDA BUILDING CODE  
 2009 SUPPLEMENT  
 SECTION 16 WIND LOAD  
 ASCE 7-05

ENCON SERVICES, INC.  
 AARON BIEDENBACH  
 2272 JAUDON ROAD  
 DOVER, FL 33527  
 813-655-3373  
 FLPE #52949, FLEB #9394

**CHANNEL LETTERS (BLACK LTRS / BLUE OCTAGON) LIF-BLK-24-s - ELEVATION - (3) REQ'D**

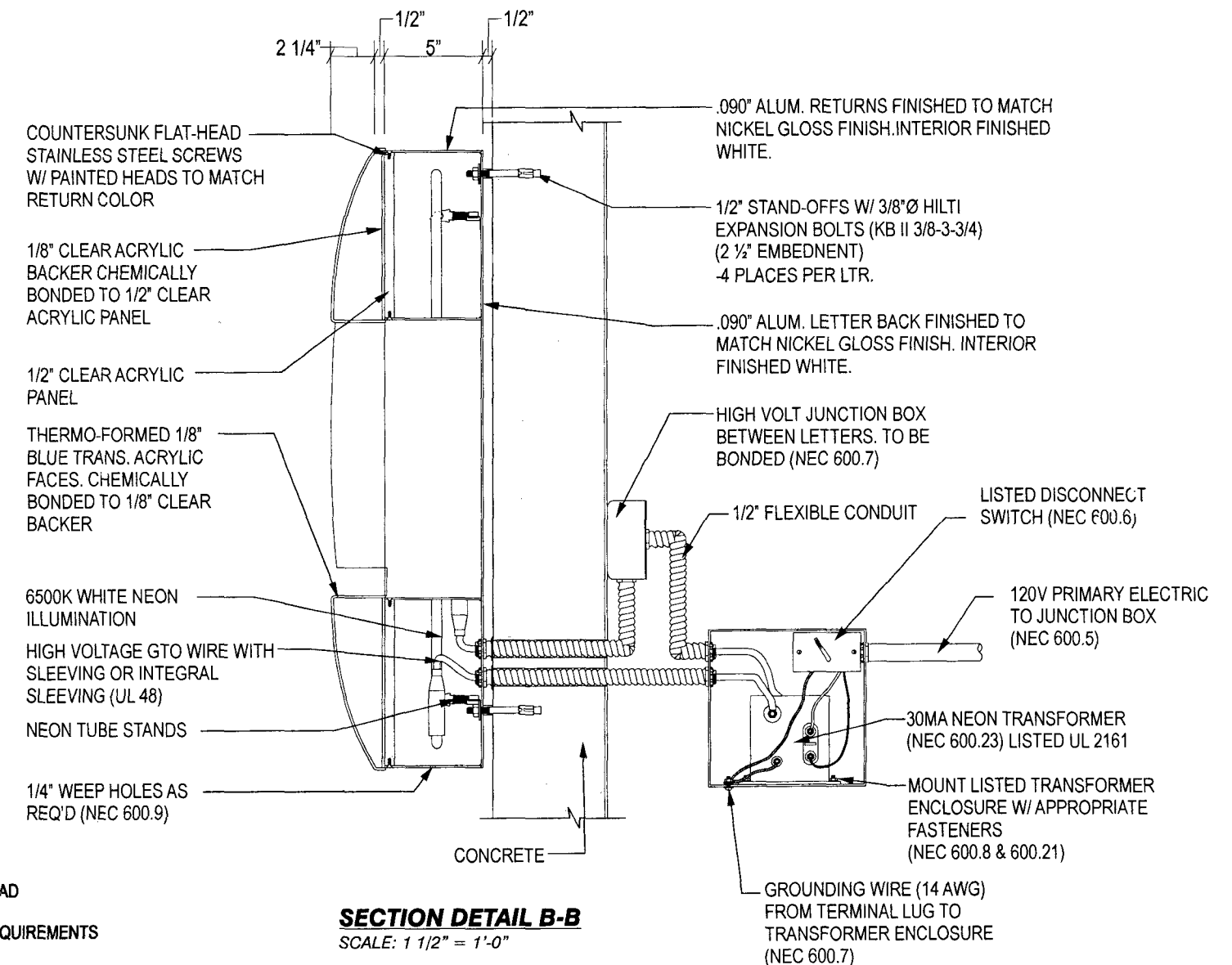
SCALE: 1/2" = 1'-0"

**SECTION DETAIL A-A**

SCALE: 1 1/2" = 1'-0"

**ESTIMATED ELECTRICAL LOAD**

6.3A @ 120VAC  
**ESTIMATED ELECTRICAL REQUIREMENTS**  
 (1)20A circuit @ 120VAC

**SECTION DETAIL B-B**

SCALE: 1 1/2" = 1'-0"

CHASE

940 IVES DAIRY RD, MIAMI FL

W1758

08-2169-5

CORPORATE OFFICE: 360 CRIDER AVENUE MOORESTOWN, NJ 08057 P - 856.802.1677 F - 856.802.0412

FLORIDA 2416 SAND LAKE ROAD ORLANDO, FL 32809 - TEXAS SERVICE CENTER 460 SOUTH BELTLINE ROAD SUITE 422 IRVING, TX 75060 - NORTH CAROLINA 120 CASCADE DRIVE CONCORD, NC 28027 - TEXAS 7303 BURLISON ROAD, SUITE 706 AUSTIN, TX 78744

THIS IS AN ORIGINAL UNPUBLISHED DRAWING CREATED BY NW SIGN INDUSTRIES, INC. IT IS PROVIDED FOR THE EXCLUSIVE USE BY THE CUSTOMER AND FOR THE PROJECT NAMED IN THIS TITLE BLOCK. IT SHALL NOT BE PROVIDED TO ANY OTHER SIGN MANUFACTURER OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF NW SIGN INDUSTRIES, INC. THIS DRAWING IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF NW SIGN INDUSTRIES, INC. ©NW SIGN INDUSTRIES, INC. 2008

# EnCon Services, Inc.

## Sign Design Calculations

### Job Description

Chase Bank 1758  
940 Ives Dairy Road  
Miami, FL  
2'-0" letterset

Design per 2007 Florida Building Code, 2009 supplement, Section 16 Wind Load  
ASCE 7-05

PREPARED BY: EnCon Services, Inc.

2272 Jaudon Road  
Dover, FL 33527  
813-655-3373  
F 813-655-9814

Aaron Biedenbach, P.E.

FL PE #52949, FL EB 9394  
OH PE 60756, OC #01893  
KY PE #20281, P #2463  
IN PE #PE 19600322  
FL CBC #060535, QB #22527

### Design Specifications

|                   |                     |
|-------------------|---------------------|
| Importance Factor | 1                   |
| Kzt               | 1                   |
| Exposure Factor   | C                   |
| Kd                | 1                   |
| Kz                | 0.98                |
| V                 | 146 mph             |
| GCp-GCpi          | 1.28 Zone 4, h < 60 |
| Wind Pressure     | 68.5 (psf)          |

### Sign Information per Letter

|                       |           |
|-----------------------|-----------|
| Height                | 2.00 (ft) |
| Width                 | 2.00 (ft) |
| Thickness             | 1.00 (ft) |
| Distance grade to top | 30 (ft)   |

|                  |             |
|------------------|-------------|
| Wind Shear Force | 136.90 (lb) |
| Weight of Sign   | 32 (lb)     |

**Total Shear Force = 140.59 (lb)**

**Total Tension Force = 273.81 (lb)**

|                                        | Required | Provided |
|----------------------------------------|----------|----------|
| Fastener size (Nominal)                | 3/8      | 3/8      |
| Minimum number of fasteners per letter | 4        | 4        |
| Shear Force per fastener (lb)          | 35.1     | 280      |
| Tension Force per fastener (lb)        | 68.5     | 352      |

Combination Tension and  
Shear ratio **0.32 < 1 O.K.**

| WALL STRUCTURE | ANCHOR TYPE                                    |
|----------------|------------------------------------------------|
| SOLID CONCRETE | HILTI KBII EXPANSION ANCHOR (2-1/2" EMBEDMENT) |

ALL ANCHORS SHALL BE CHOSEN AND PLACED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS





WAMU BUILDING ID #1924  
1801 ALTON RD.  
MIAMI BEACH, FL 33139

**LEGAL DESCRIPTION:**  
A PORTION OF:  
THE EAST 50 FEET OF LOT 6, LOT 10, LESS THE NORTH 2.8 FEET THEREOF, AND LOT 11, IN  
BLOCK 11 OF "ISLAND VIEW SUBDIVISION", ACCORDING TO THE PLAT THEREOF, AS RECORDED  
IN PLAT BOOK 6, AT PAGE 115 OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

NOTES:

1. THIS PLAN WAS PREPARED BASED ON A SPECIFIC PURPOSE SURVEY PREPARED BY PINNELL SURVEY, INC.
2. NO FREESTANDING SIGN LOCATED ON BANK PARCEL.

~~CONFIDENTIAL~~

DATE: 9/23/0  
TIME: 7:00 PM  
BY: [Signature]  
SUBJECT: [Illegible]

[Large handwritten X across the page]

3/6/08 [Illegible] 7/7/09

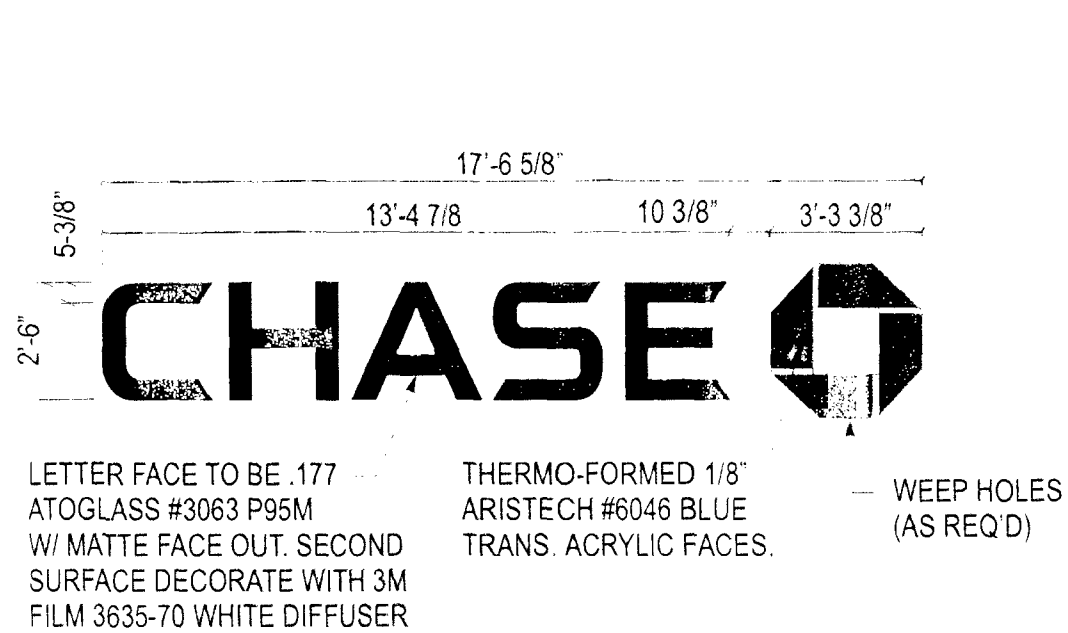
BOHLER ID #54

[illegible]

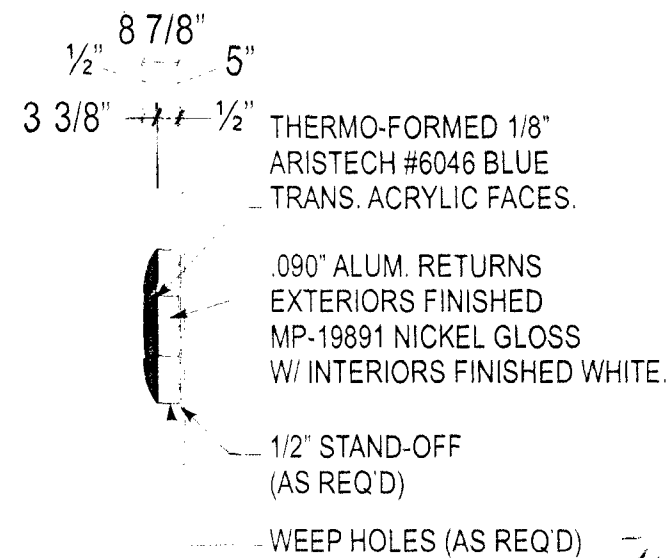
B090375/  
1801 Atlantic  
Office (CP)

OFFICE COPY  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

|                  |                            |
|------------------|----------------------------|
| BUILDING:        | 9/23/09                    |
| ZONING:          |                            |
| CDR/SPB:         |                            |
| CONCURRENCY:     |                            |
| PLUMBING:        | 9/23/09                    |
| ELECTRICAL:      |                            |
| MECHANICAL:      |                            |
| FIRE PREVENTION: |                            |
| ENGINEERING:     |                            |
| PUBLIC WORKS:    | Perez 7/7/09 / Per 9/23/09 |
| STREETS:         |                            |
| ELEVATOR:        |                            |



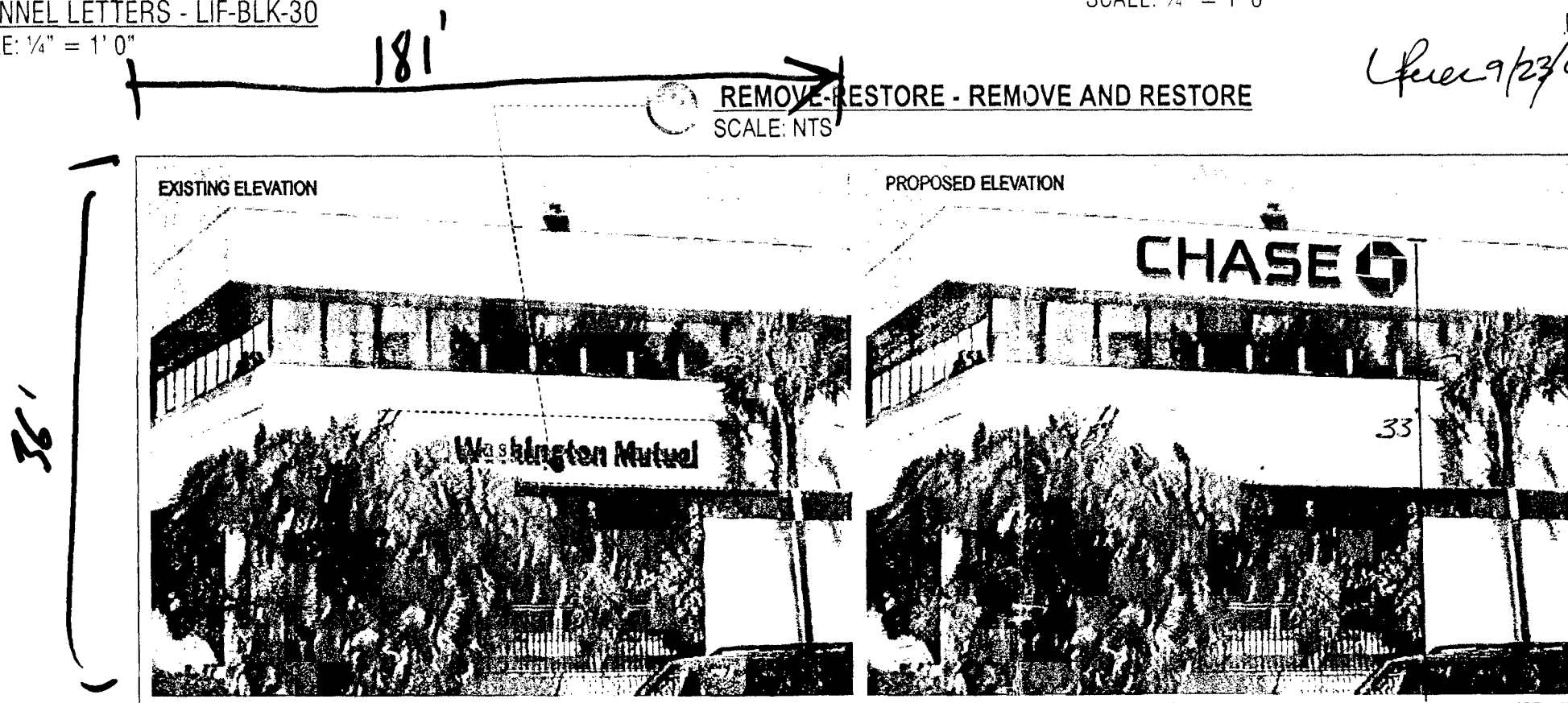
① CHANNEL LETTERS - LIF-BLK-30  
 SCALE: 1/4" = 1' 0"



OCTAGON - SIDE VIEW  
 SCALE: 1/4" = 1' 0"

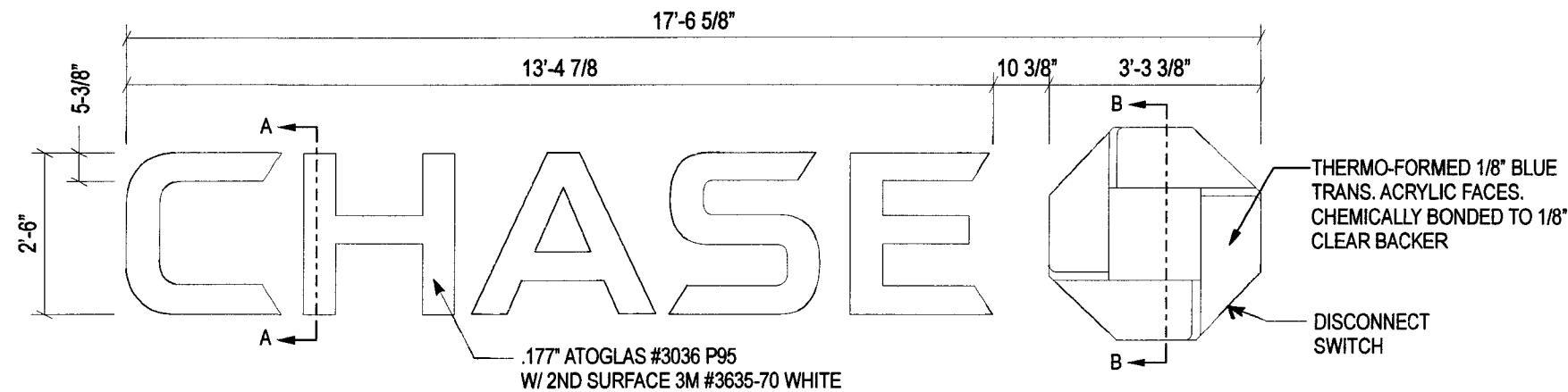
OFFICE COPY  
 CITY OF MIAMI BEACH

PERMIT BY  
 FOLLOWING:  
 BUILDING: 9/23/09  
 ZONING: 9/23/09  
 DRB/HPB:  
 CONCRETE: 7/7/09  
 PLUMBING: 7/7/09  
 ELECTRICAL: 7/7/09  
 MECHANICAL: 7/7/09  
 FIRE PREVENTION: 7/7/09  
 ENGINEERING: 7/7/09  
 PUBLIC WORKS: 7/7/09  
 STRUCTURAL: 7/7/09  
 ELEVATOR:



SOUTH ELEVATION - LIF-BLK-30  
 Scale: NTS

SGN#1  
 WALL HEIGHT: 36'  
 WALL LENGTH: 181'  
 PROPOSED SIGN: 57 SF  
 36' WALL AREA: 6516



**CHANNEL LETTERS (BLACK LTRS / BLUE OCTAGON) LIF-BLK-30-s (2) REQ'D**

SCALE: 3/8" = 1'-0"

**GENERAL NOTES:**

- U.L. LISTED - FILE NUMBER E157099
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH "NEC" REF. SECTION 600
- ALL ELECTRICAL SIGN SECTIONS TO HAVE U.L. LABEL IN ACCORDANCE WITH "NEC" 600.3 AND MANUFACTURERS LABEL LOCATED NEXT TO DISCONNECT SWITCH
- ALL NON-CURRENT CARRYING METAL PARTS OF SIGN SHALL BE GROUNDED & BONDED IN ACCORDANCE WITH "NEC" 250
- ALL WIRING CONTAINED IN ENCLOSED AREAS WITH LAMPS SHALL BE FIXTURE RATED
- SPlicing OF CONDUCTORS SHALL BE MADE IN JUNCTION BOXES OR SIMILAR METAL ENCLOSURES
- AT THE POINT THAT ELECTRICAL CABLE PASSES THRU THE SIGN BOX, IT SHALL PASS THRU A U.L. LISTED RUBBER GROMMET

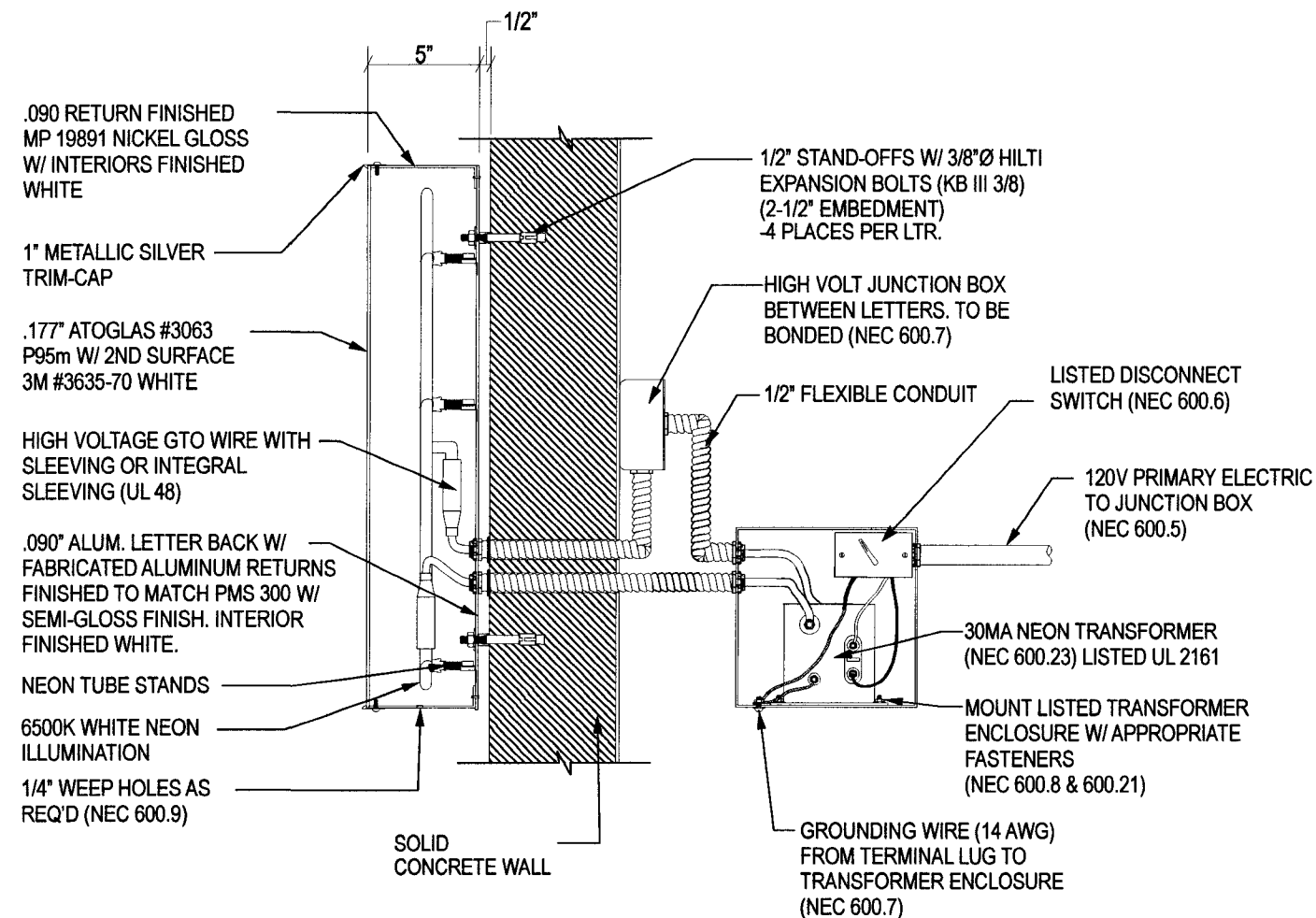
**SIGN MOUNTING HEIGHT TO BE 40FT MAXIMUM**

**ESTIMATED SIGN WEIGHT**

- 28 lbs. PER LETTER
- 52 lbs. PER LOGO

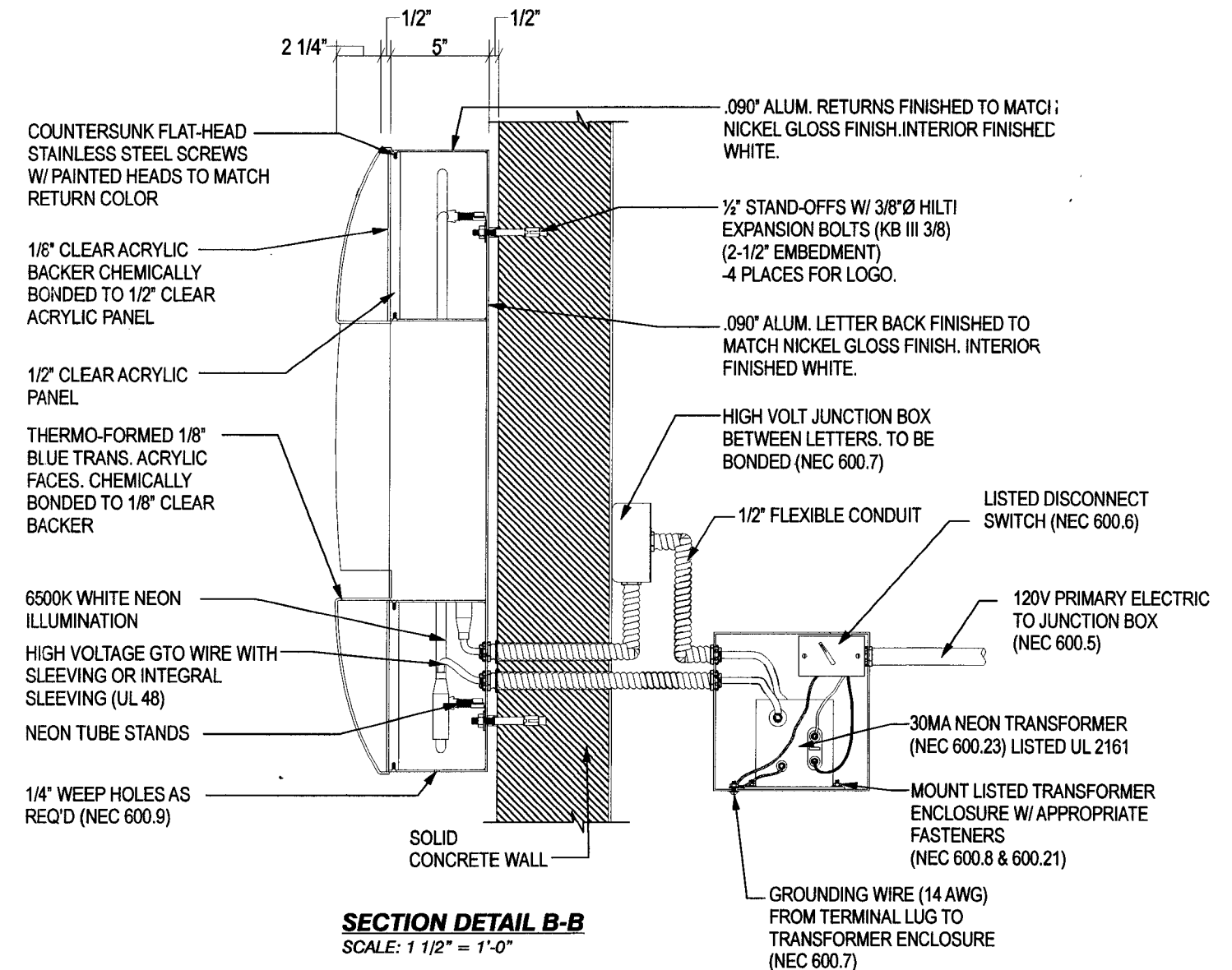
146 MPH WIND LOAD  
 IMPORTANCE FACTOR 1.0  
 EXPOSURE C  
 2007 FLORIDA BUILDING CODE  
 2009 SUPPLEMENT  
 SECTION 16 WIND LOAD  
 ASCE 7-05

ENCON SERVICES, INC.  
 AARON BIEDENBACH  
 2272 JAUDON ROAD  
 DOVER, FL 33527  
 813-655-3373  
 FLPE #52949, FLEB #9394



**SECTION DETAIL A-A**

SCALE: 1 1/2" = 1'-0"



**SECTION DETAIL B-B**

SCALE: 1 1/2" = 1'-0"

CHAS 1801 Alton Road - Miami Beach, FL 33139 W1742

08-2167-8

CORPORATE OFFICE: 360 CRIDER AVENUE MOORESTOWN, NJ 08057 P - 856.802.1677 F - 856.802.0412

FLORIDA 2416 SAND LAKE ROAD ORLANDO, FL 32809 - TEXAS SERVICE CENTER 460 SOUTH BELTLINE ROAD SUITE 422 IRVING, TX 75060 - NORTH CAROLINA 120 CASCADE DRIVE CONCORD, NC 28027 - TEXAS 7303 BURLESON ROAD, SUITE 706 AUSTIN, TX 78744

THIS IS AN ORIGINAL UNPUBLISHED DRAWING CREATED BY NW SIGN INDUSTRIES, INC. IT IS PROVIDED FOR THE EXCLUSIVE USE BY THE CUSTOMER AND FOR THE PROJECT NAMED IN THIS TITLE BLOCK. IT SHALL NOT BE PROVIDED TO ANY OTHER SIGN MANUFACTURER OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF NW SIGN INDUSTRIES, INC. THIS DRAWING IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF NW SIGN INDUSTRIES, INC. ©NW SIGN INDUSTRIES, INC. 2008

# EnCon Services, Inc.

## Sign Design Calculations

### Job Description

Chase Bank 1742

1801 Alton Rd.

Miami Beach, Florida

2'-6" Chase Letterset

Design per 2007 Florida Building Code, 2009 supplement, Section 16 Wind Load

ASCE 7-05

PREPARED BY: EnCon Services, Inc.

2272 Jaudon Road

Dover, FL 33527

813-655-3373

F 813-655-9814

Aaron Biedenbach, P.E.

FL PE #52949, FL EB 9394

OH PE 60756, OC #01893

KY PE #20281, P #2463

IN PE #PE 19600322

FL CBC #060535, QB #22527

### Design Specifications

|                   |                          |
|-------------------|--------------------------|
| Importance Factor | 1                        |
| Kzt               | 1                        |
| Exposure Factor   | C                        |
| Kd                | 1                        |
| Kz                | 1.04                     |
| V                 | 146 (mph)                |
| GCp-GCpi          | 1.28 Zone 4, H < 60 Feet |
| Wind Pressure     | 72.6 (psf)               |

### Sign Information Per Letter

|                       |           |
|-----------------------|-----------|
| Height                | 2.50 (ft) |
| Width                 | 2.50 (ft) |
| Thickness             | 1.00 (ft) |
| Distance grade to top | 40 (ft)   |

Wind Shear Force 181.61 (lb)

Weight of Sign 62.5 (lb)

**Total Shear Force = 192.06 (lb)**

**Total Tension Force = 454.01 (lb)**

|                                        | Required | Provided |
|----------------------------------------|----------|----------|
| Fastener size (Nominal)                | 3/8      | 3/8      |
| Minimum number of fasteners Per letter | 4        | 4        |
| Shear Force per fastener (lb)          | 48.0     | 280      |
| Tension Force per fastener (lb)        | 113.5    | 352      |

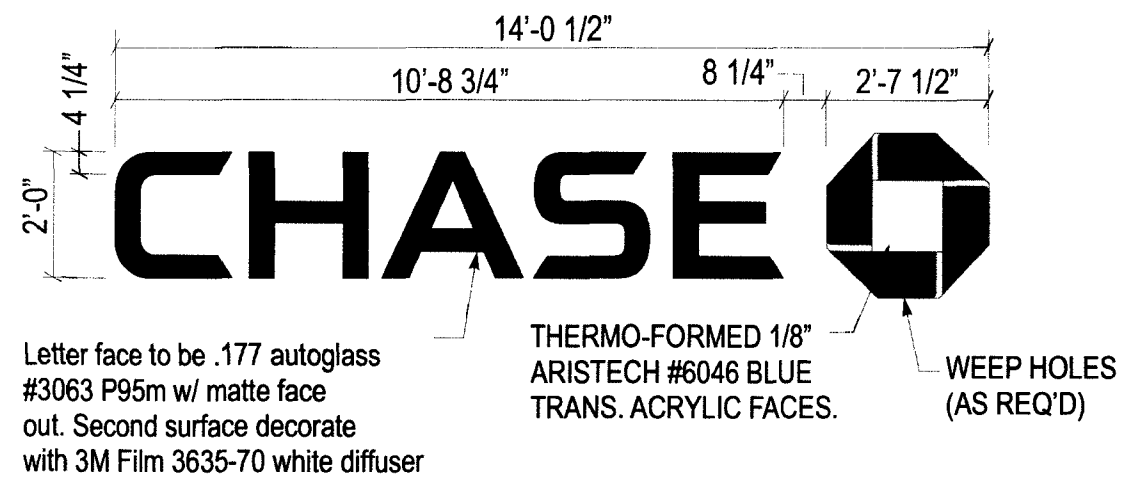
Combination Tension and Shear ratio **0.49 < 1 O.K.**

THREADED ROD THROUGH WALL IS PREFERRED IN ALL INSTANCES. IF IT IS NOT POSSIBLE TO USE THREADED ROD, SEE CHART BELOW FOR APPROPRIATE ANCHOR SELECTION. SIZE AND NUMBER REQUIRED ARE NOTED IN THE CHART ABOVE.

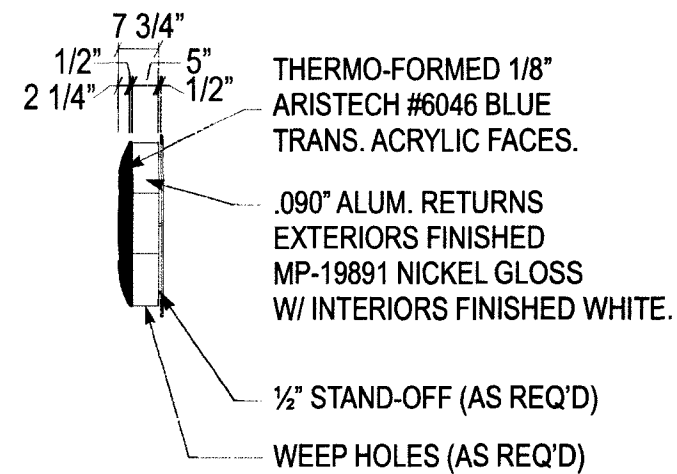
| WALL STRUCTURE | ANCHOR TYPE                                           |
|----------------|-------------------------------------------------------|
| SOLID CONCRETE | HILTI KWIK BOLT 3 EXPANSION ANCHOR (2-1/2" EMBEDMENT) |

ALL ANCHORS SHALL BE CHOSEN AND PLACED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS

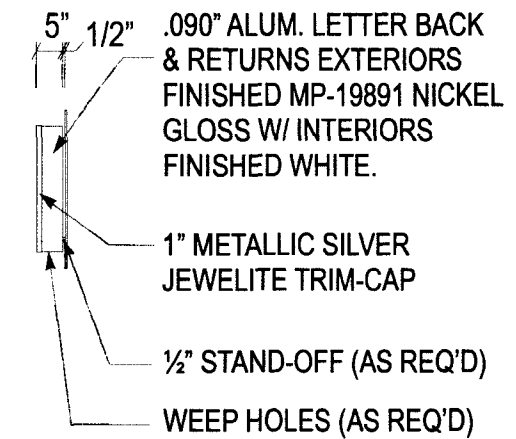
*6/18/09*



**CHANNEL LETTERS LIF-BLK-24-s - ELEVATION**  
 SCALE: 1/4" = 1' 0"

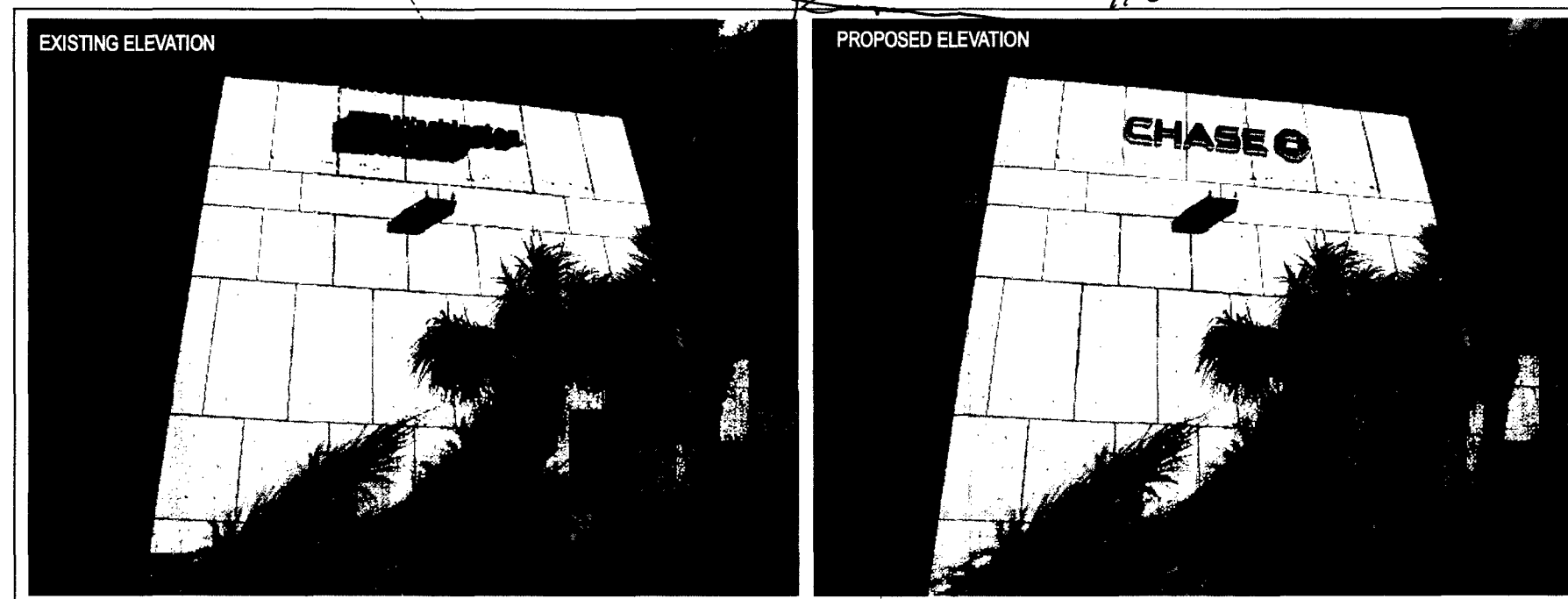


**OCTAGON - SIDE VIEW**  
 SCALE: 1/4" = 1' 0"



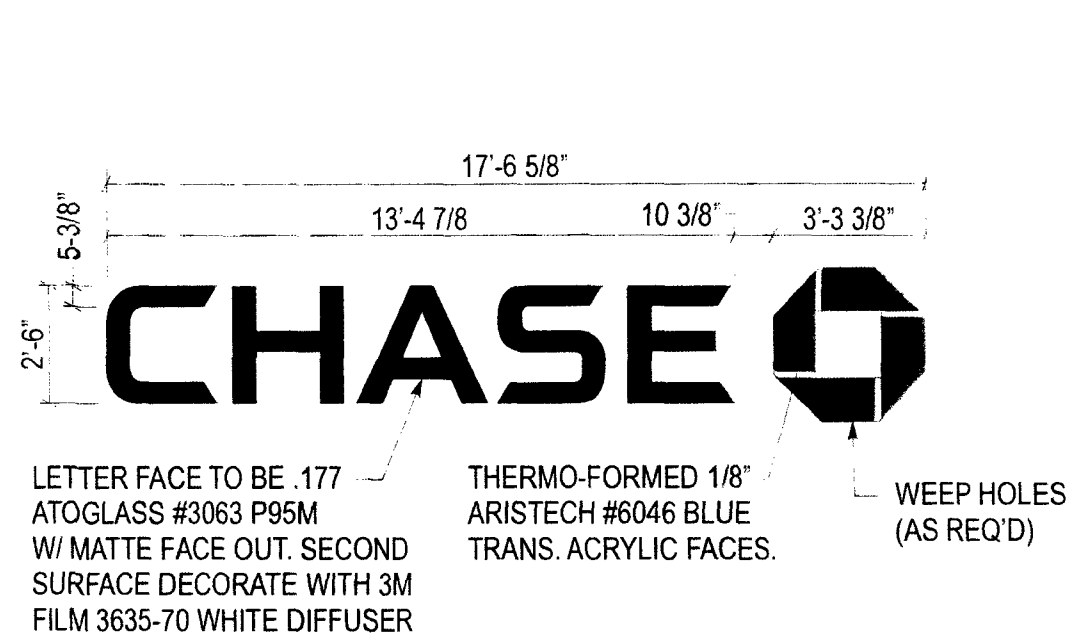
**LETTER - SIDE VIEW**  
 SCALE: 1/4" = 1' 0"

**REMOVE-RESTORE - REMOVE AND RESTORE**  
 SCALE: NTS



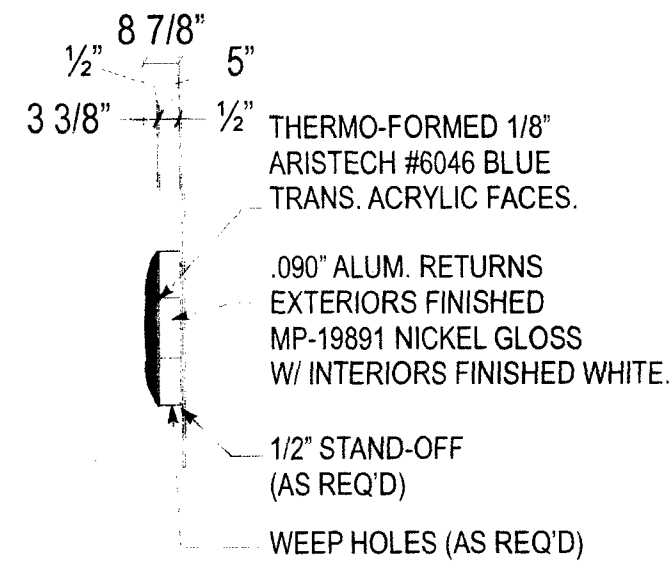
**WEST ELEVATION - LIF-BLK-30**  
 Scale: NTS

SIGN #2  
 WALL HEIGHT: 36'  
 WALL LENGTH: 110'  
 WALL AREA: 3960 sf  
 Proposed Sign Area: 37 sf

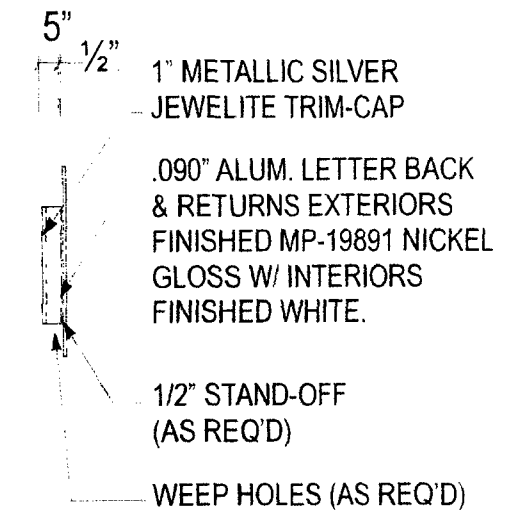


**CHANNEL LETTERS- LIF-BLK-30-s - ELEVATION**  
SCALE: 1/4" = 1' 0"

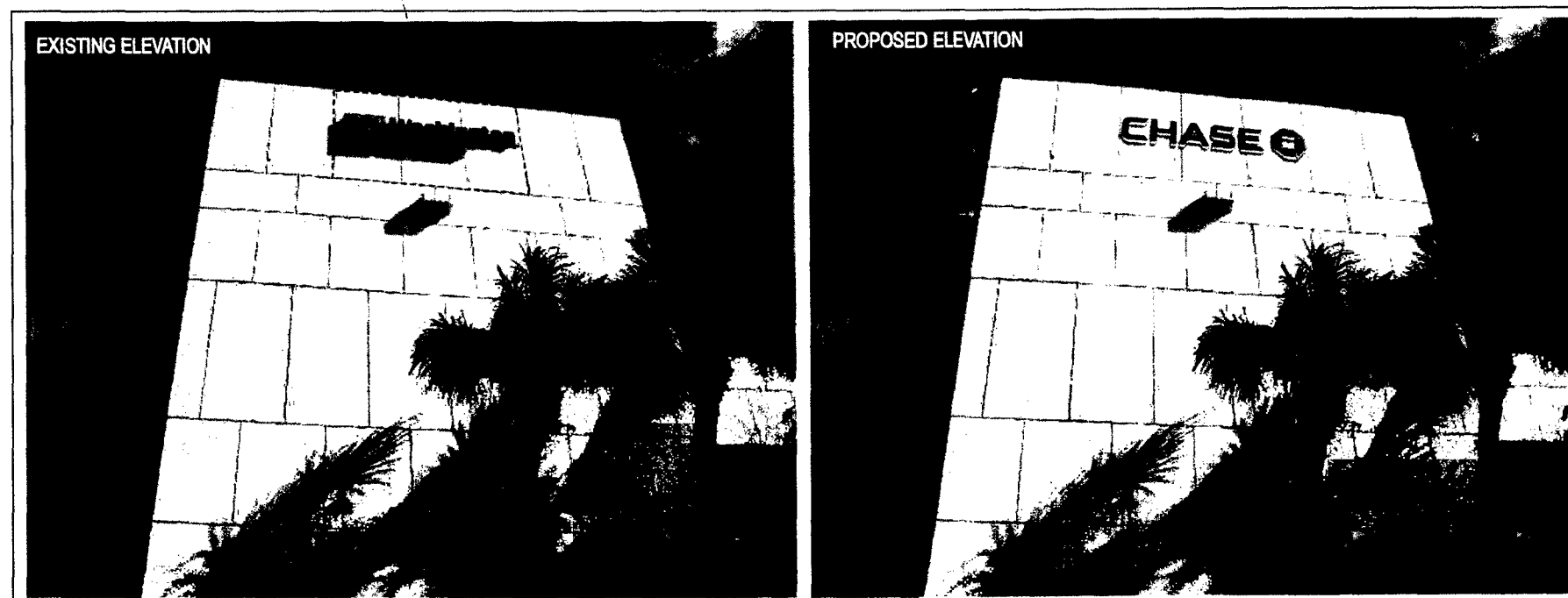
**REMOVE-RESTORE - REMOVE AND RESTORE**  
SCALE: NTS



**OCTAGON - SIDE VIEW**  
SCALE: 1/4" = 1' 0"



**LETTER - SIDE VIEW**  
SCALE: 1/4" = 1' 0"



**WEST ELEVATION - LIF-BLK-30**  
Scale: NTS

SIGN 2

WALL HEIGHT: 36

WALL LENGTH: 110'

PROPOSED SIGN: 57 SF

**GENERAL NOTES:**

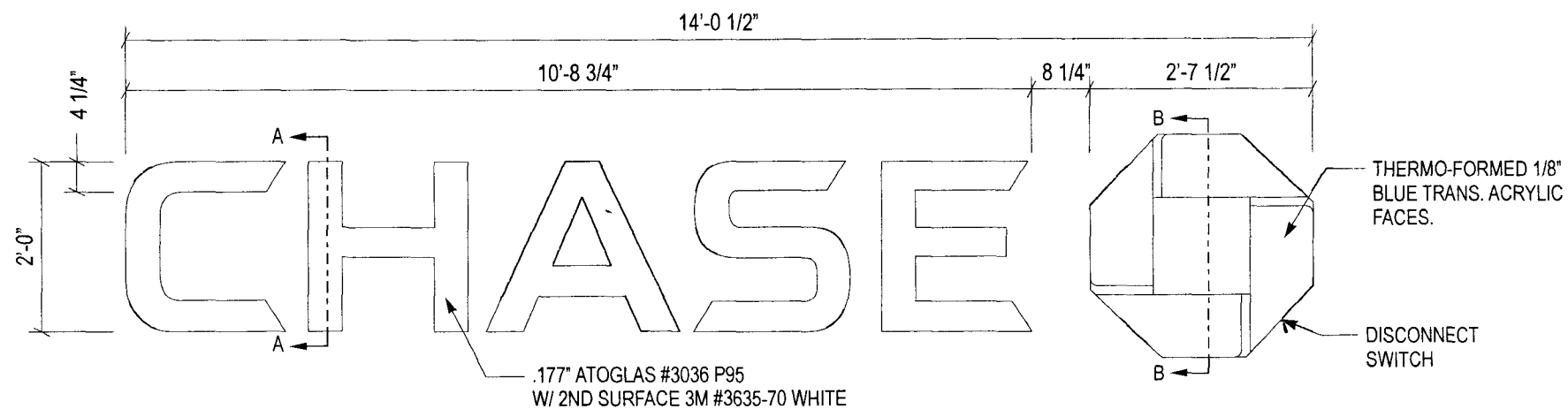
- U.L. LISTED - FILE NUMBER E157099
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH "NEC" REF. SECTION 600
- ALL ELECTRICAL SIGN SECTIONS TO HAVE U.L. LABEL IN ACCORDANCE WITH "NEC" 600.3 AND MANUFACTURERS LABEL LOCATED NEXT TO DISCONNECT SWITCH
- ALL NON-CURRENT CARRYING METAL PARTS OF SIGN SHALL BE GROUNDED & BONDED IN ACCORDANCE WITH "NEC" 250
- ALL WIRING CONTAINED IN ENCLOSED AREAS WITH LAMPS SHALL BE FIXTURE RATED
- SPlicing OF CONDUCTORS SHALL BE MADE IN JUNCTION BOXES OR SIMILAR METAL ENCLOSURES
- AT THE POINT THAT ELECTRICAL CABLE PASSES THRU THE SIGN BOX, IT SHALL PASS THRU A U.L. LISTED RUBBER GROMMET

**ESTIMATED SIGN WEIGHT**

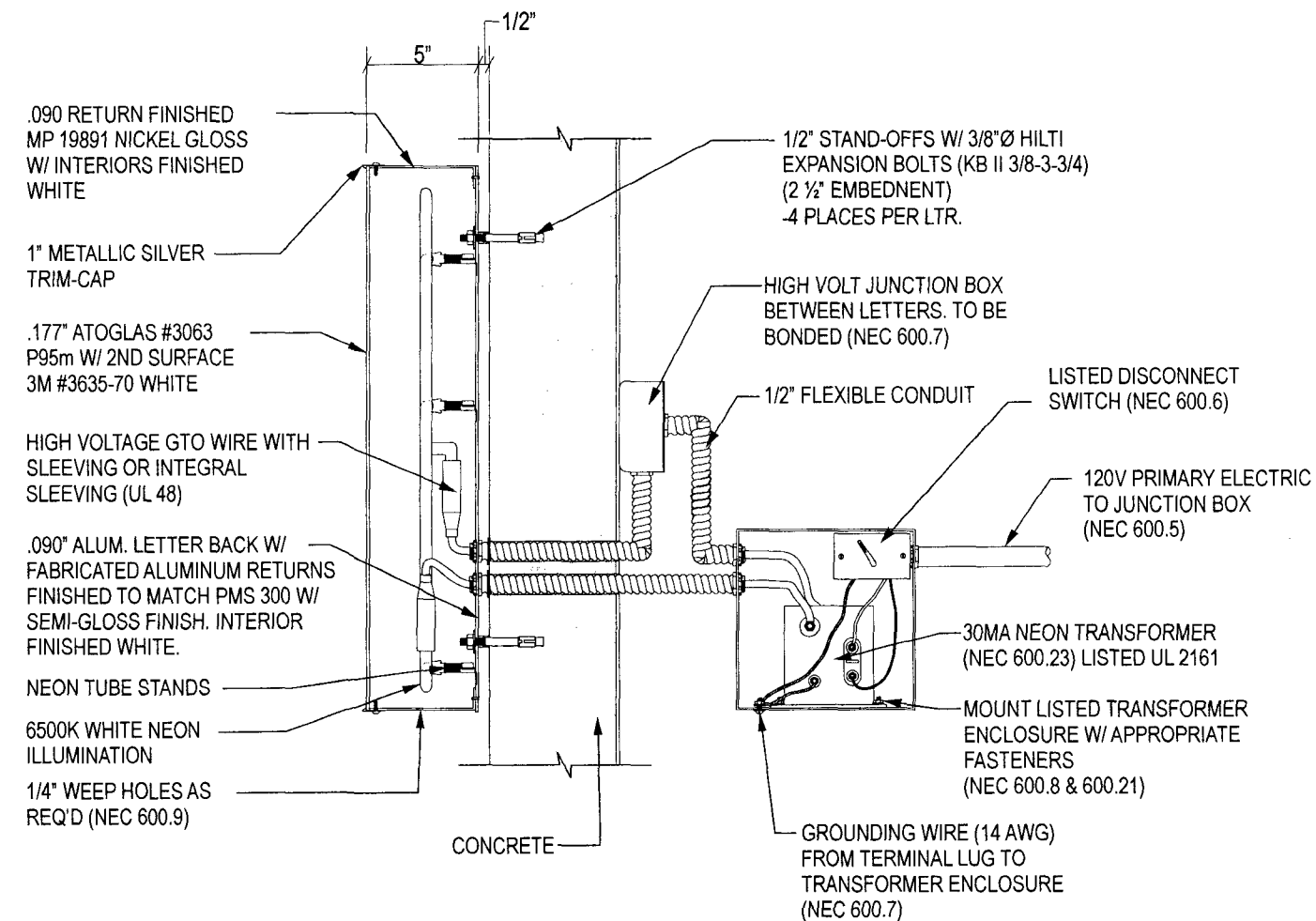
- 16 lbs. PER LETTER
- 32 lbs. PER LOGO

146 MPH WIND LOAD  
 IMPORTANCE FACTOR 1.0  
 EXPOSURE C  
 2007 FLORIDA BUILDING CODE  
 2009 SUPPLEMENT  
 SECTION 16 WIND LOAD  
 ASCE 7-05

ENCON SERVICES, INC.  
 AARON BIEDENBACH  
 2272 JAUDON ROAD  
 DOVER, FL 33527  
 813-655-3373  
 FLPE #52949, FLEB #9394

**CHANNEL LETTERS (BLACK LTRS / BLUE OCTAGON) LIF-BLK-24-s - ELEVATION - (3) REQ'D**

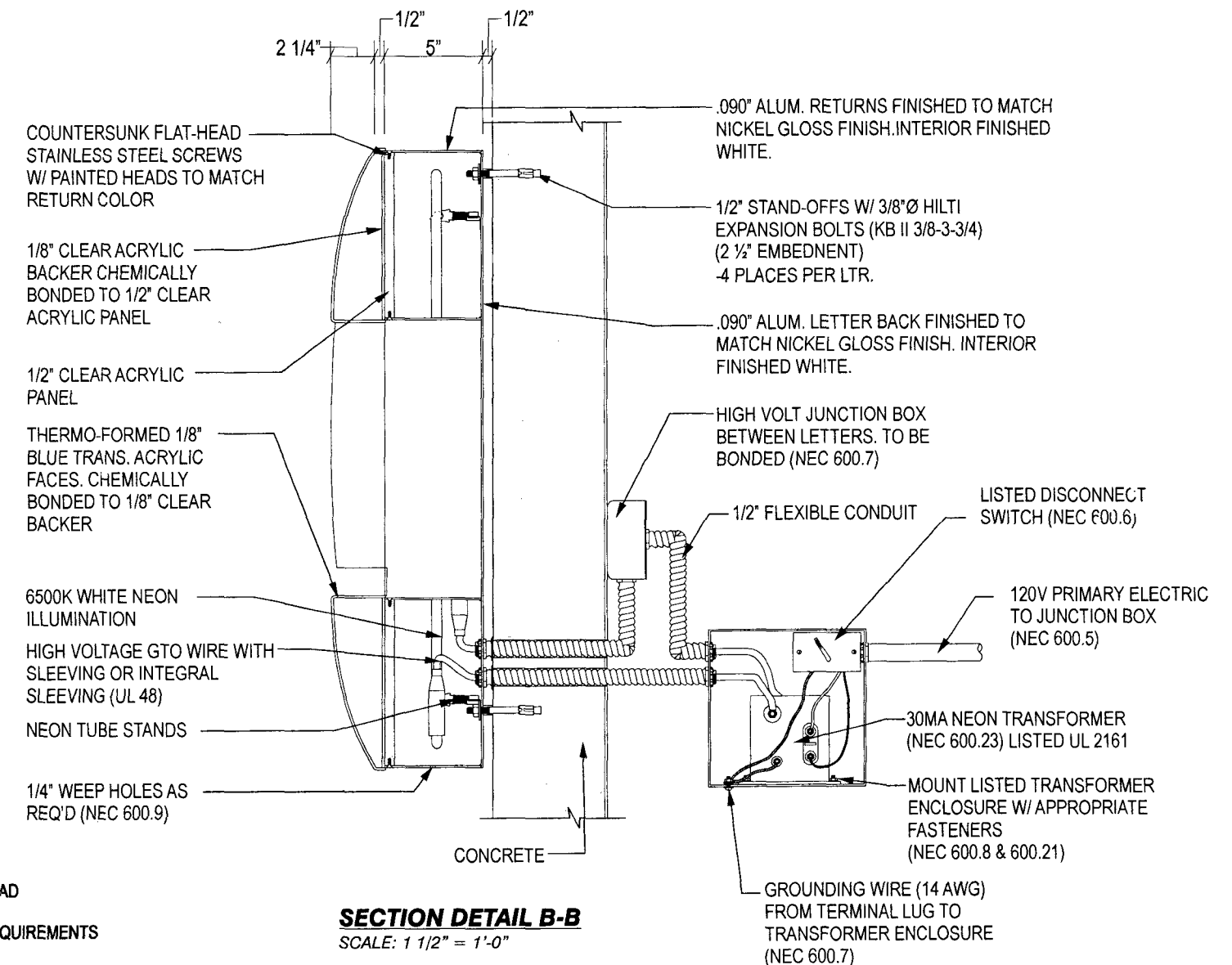
SCALE: 1/2" = 1'-0"

**SECTION DETAIL A-A**

SCALE: 1 1/2" = 1'-0"

**ESTIMATED ELECTRICAL LOAD**

6.3A @ 120VAC  
**ESTIMATED ELECTRICAL REQUIREMENTS**  
 (1)20A circuit @ 120VAC

**SECTION DETAIL B-B**

SCALE: 1 1/2" = 1'-0"

CHASE

940 IVES DAIRY RD, MIAMI FL

W1758

08-2169-5

CORPORATE OFFICE: 360 CRIDER AVENUE MOORESTOWN, NJ 08057 P - 856.802.1677 F - 856.802.0412

FLORIDA 2416 SAND LAKE ROAD ORLANDO, FL 32809 - TEXAS SERVICE CENTER 460 SOUTH BELTLINE ROAD SUITE 422 IRVING, TX 75060 - NORTH CAROLINA 120 CASCADE DRIVE CONCORD, NC 28027 - TEXAS 7303 BURLERSON ROAD, SUITE 706 AUSTIN, TX 78744

THIS IS AN ORIGINAL UNPUBLISHED DRAWING CREATED BY NW SIGN INDUSTRIES, INC. IT IS PROVIDED FOR THE EXCLUSIVE USE BY THE CUSTOMER AND FOR THE PROJECT NAMED IN THIS TITLE BLOCK. IT SHALL NOT BE PROVIDED TO ANY OTHER SIGN MANUFACTURER OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF NW SIGN INDUSTRIES, INC. THIS DRAWING IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF NW SIGN INDUSTRIES, INC. ©NW SIGN INDUSTRIES, INC. 2008

# EnCon Services, Inc.

## Sign Design Calculations

### Job Description

Chase Bank 1758  
940 Ives Dairy Road  
Miami, FL  
2'-0" letterset

Design per 2007 Florida Building Code, 2009 supplement, Section 16 Wind Load  
ASCE 7-05

PREPARED BY: EnCon Services, Inc.

2272 Jaudon Road  
Dover, FL 33527  
813-655-3373  
F 813-655-9814

Aaron Biedenbach, P.E.

FL PE #52949, FL EB 9394  
OH PE 60756, OC #01893  
KY PE #20281, P #2463  
IN PE #PE 19600322  
FL CBC #060535, QB #22527

### Design Specifications

|                   |                     |
|-------------------|---------------------|
| Importance Factor | 1                   |
| Kzt               | 1                   |
| Exposure Factor   | C                   |
| Kd                | 1                   |
| Kz                | 0.98                |
| V                 | 146 mph             |
| GCp-GCpi          | 1.28 Zone 4, h < 60 |
| Wind Pressure     | 68.5 (psf)          |

### Sign Information per Letter

|                       |           |
|-----------------------|-----------|
| Height                | 2.00 (ft) |
| Width                 | 2.00 (ft) |
| Thickness             | 1.00 (ft) |
| Distance grade to top | 30 (ft)   |

|                  |             |
|------------------|-------------|
| Wind Shear Force | 136.90 (lb) |
| Weight of Sign   | 32 (lb)     |

**Total Shear Force = 140.59 (lb)**

**Total Tension Force = 273.81 (lb)**

|                                        | Required | Provided |
|----------------------------------------|----------|----------|
| Fastener size (Nominal)                | 3/8      | 3/8      |
| Minimum number of fasteners per letter | 4        | 4        |
| Shear Force per fastener (lb)          | 35.1     | 280      |
| Tension Force per fastener (lb)        | 68.5     | 352      |

Combination Tension and  
Shear ratio **0.32 < 1 O.K.**

| WALL STRUCTURE | ANCHOR TYPE                                    |
|----------------|------------------------------------------------|
| SOLID CONCRETE | HILTI KBII EXPANSION ANCHOR (2-1/2" EMBEDMENT) |

ALL ANCHORS SHALL BE CHOSEN AND PLACED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS





6090375

THE EAST 50 FEET OF LOT 6, LOT 10, LESS THE NORTH 2.8 FEET THEREOF, AND LOT 11, IN BLOCK 11 OF "ISLAND VIEW SUBDIVISION", ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 6, AT PAGE 115 OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

2. NO FREESTANDING SIGN LOCATED ON BANK PARCEL.

Uferer 9/23/09

SHEET TITLE:

**SIGN EXHIBIT**

SHEET NUMBER:

**1**

OF 1

B090375/  
1801 Atlantic  
Office (CP)

OFFICE COPY  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

|                  |                            |
|------------------|----------------------------|
| BUILDING:        | 9/23/09                    |
| ZONING:          |                            |
| CDR/SPB:         |                            |
| CONCURRENCY:     |                            |
| PLUMBING:        | 9/23/09                    |
| ELECTRICAL:      |                            |
| MECHANICAL:      |                            |
| FIRE PREVENTION: |                            |
| ENGINEERING:     |                            |
| PUBLIC WORKS:    | Perez 7/7/09 / Per 9/23/09 |
| STREETS:         |                            |
| ELEVATOR:        |                            |

# EnCon Services, Inc.

## Sign Design Calculations

### Job Description

Chase Bank 1742

1801 Alton Rd.

Miami Beach, Florida

2'-6" Chase Letterset

Design per 2007 Florida Building Code, 2009 supplement, Section 16 Wind Load

ASCE 7-05

PREPARED BY: EnCon Services, Inc.

2272 Jaudon Road

Dover, FL 33527

813-655-3373

F 813-655-9814

Aaron Biedenbach, P.E.

FL PE #52949, FL EB 9394

OH PE 60756, OC #01893

KY PE #20281, P #2463

IN PE #PE 19600322

FL CBC #060535, QB #22527

### Design Specifications

|                   |                          |
|-------------------|--------------------------|
| Importance Factor | 1                        |
| Kzt               | 1                        |
| Exposure Factor   | C                        |
| Kd                | 1                        |
| Kz                | 1.04                     |
| V                 | 146 (mph)                |
| GCp-GCpi          | 1.28 Zone 4, H < 60 Feet |
| Wind Pressure     | 72.6 (psf)               |

### Sign Information Per Letter

|                       |           |
|-----------------------|-----------|
| Height                | 2.50 (ft) |
| Width                 | 2.50 (ft) |
| Thickness             | 1.00 (ft) |
| Distance grade to top | 40 (ft)   |

Wind Shear Force 181.61 (lb)

Weight of Sign 62.5 (lb)

**Total Shear Force = 192.06 (lb)**

**Total Tension Force = 454.01 (lb)**

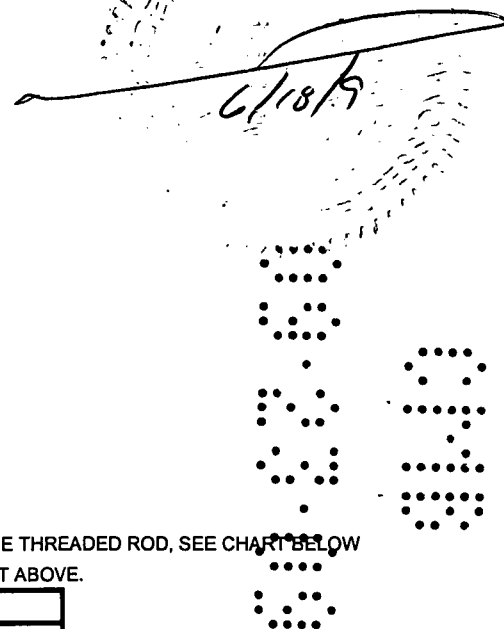
|                                        | Required | Provided |
|----------------------------------------|----------|----------|
| Fastener size (Nominal)                | 3/8      | 3/8      |
| Minimum number of fasteners Per letter | 4        | 4        |
| Shear Force per fastener (lb)          | 48.0     | 280      |
| Tension Force per fastener (lb)        | 113.5    | 352      |

Combination Tension and Shear ratio **0.49 < 1 O.K.**

THREADED ROD THROUGH WALL IS PREFERRED IN ALL INSTANCES. IF IT IS NOT POSSIBLE TO USE THREADED ROD, SEE CHART BELOW FOR APPROPRIATE ANCHOR SELECTION. SIZE AND NUMBER REQUIRED ARE NOTED IN THE CHART ABOVE.

| WALL STRUCTURE | ANCHOR TYPE                                           |
|----------------|-------------------------------------------------------|
| SOLID CONCRETE | HILTI KWIK BOLT 3 EXPANSION ANCHOR (2-1/2" EMBEDMENT) |

ALL ANCHORS SHALL BE CHOSEN AND PLACED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS



# EnCon Services, Inc.

## Sign Design Calculations

### Job Description

Chase Bank 1758  
940 Ives Dairy Road  
Miami, FL  
2'-0" letterset  
Design per 2007 Florida Building Code, 2009 supplement, Section 16 Wind Load  
ASCE 7-05

PREPARED BY: EnCon Services, Inc.

2272 Jaudon Road  
Dover, FL 33527  
813-655-3373  
F 813-655-9814

Aaron Biedenbach, P.E.

FL PE #52949, FL EB 9394

OH PE 60756, OC #01893

KY PE #20281, P #2463

IN PE #PE 19600322

FL CBC #060535, QB #22527

### Design Specifications

|                   |                     |
|-------------------|---------------------|
| Importance Factor | 1                   |
| Kzt               | 1                   |
| Exposure Factor   | C                   |
| Kd                | 1                   |
| Kz                | 0.98                |
| V                 | 146 mph             |
| GCp-GCpi          | 1.28 Zone 4, h < 60 |
| Wind Pressure     | 68.5 (psf)          |

### Sign Information per Letter

|                       |           |
|-----------------------|-----------|
| Height                | 2.00 (ft) |
| Width                 | 2.00 (ft) |
| Thickness             | 1.00 (ft) |
| Distance grade to top | 30 (ft)   |

Wind Sheer Force 136.90 (lb)

Weight of Sign 32 (lb)

**Total Sheer Force = 140.59 (lb)**

**Total Tension Force = 273.81 (lb)**

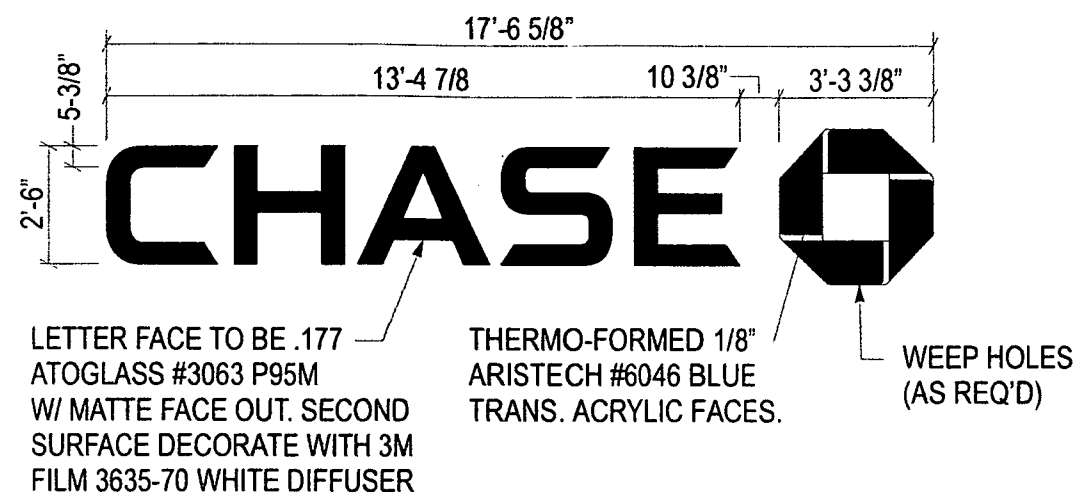
|                                        | Required | Provided |
|----------------------------------------|----------|----------|
| Fastener size (Nominal)                | 3/8      | 3/8      |
| Minimum number of fasteners per letter | 4        | 4        |
| Sheer Force per fastener (lb)          | 35.1     | 280      |
| Tension Force per fastener (lb)        | 68.5     | 352      |

Combination Tension and  
Sheer ratio **0.32 < 1 O.K.**

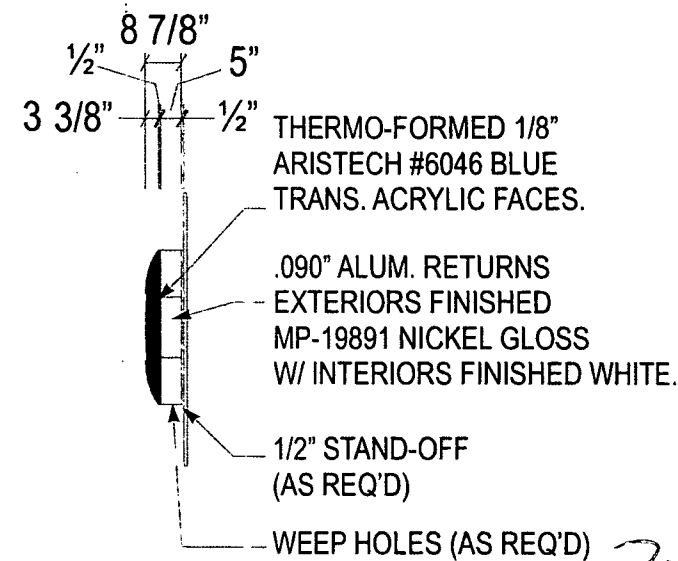
| WALL STRUCTURE | ANCHOR TYPE                                    |
|----------------|------------------------------------------------|
| SOLID CONCRETE | HILTI KBII EXPANSION ANCHOR (2-1/2" EMBEDMENT) |

ALL ANCHORS SHALL BE CHOSEN AND PLACED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS





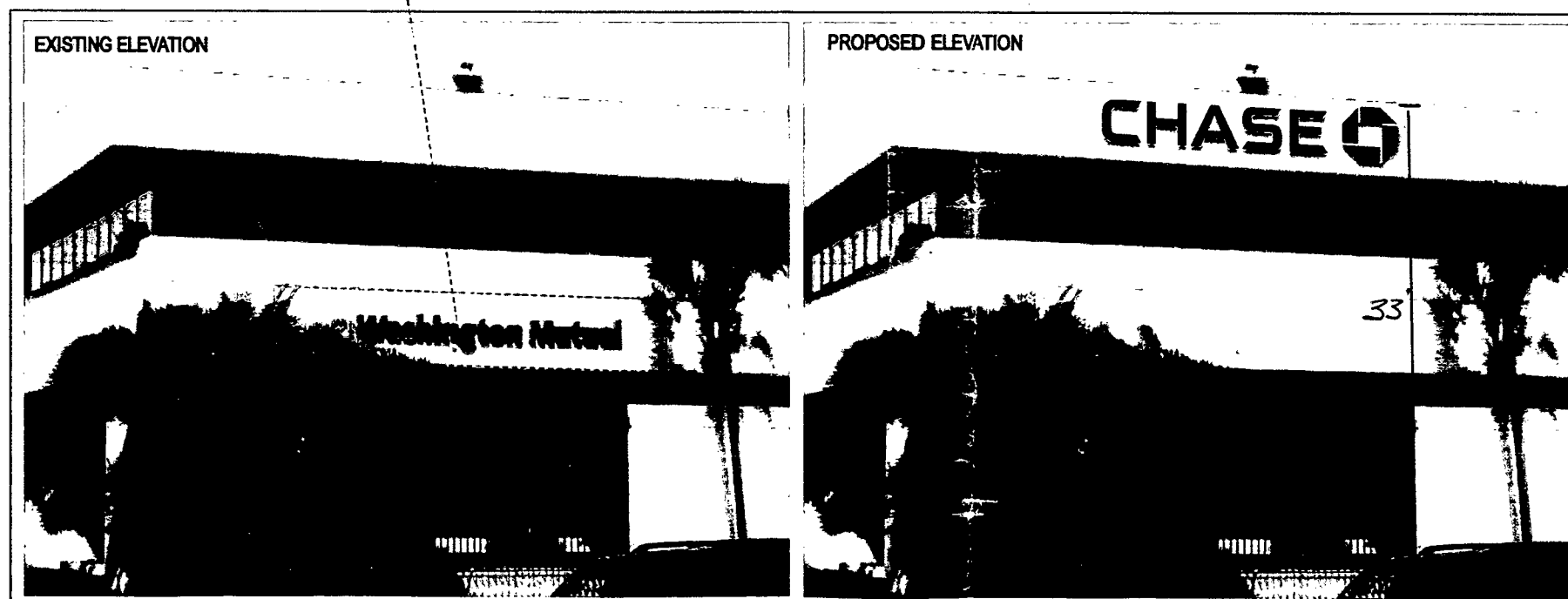
**CHANNEL LETTERS - LIF-BLK-30**  
 SCALE: 1/4" = 1' 0"



**OCTAGON - SIDE VIEW**  
 SCALE: 1/4" = 1' 0"

**OFFICE COPY**  
 1" METALLIC SILVER  
 JEWEL LETTERING  
**CITY OF MIAMI BEACH**  
 APPROVED FOR PERMIT BY  
 & RETURNS EXTERIORS  
 FINISHED MP-19891 NICKEL  
 BUILDINGS W/ INTERIORS  
 ZONING: 9/23/09  
 DRB/HPB: 7/7/09  
 CONCURRING: 7/7/09  
 PLUMBING: 7/7/09  
 ELECTRICAL: 7/7/09  
 MECHANICAL: 7/7/09  
 FIRE PREVENTION: 7/7/09  
 ENGINEERING: 7/7/09  
 PUBLIC WORKS: 7/7/09  
 STRUCTURAL: 7/7/09  
 ELEVATOR: 7/7/09

181'  
 36'  
 177  
 REMOVE-RESTORE - REMOVE AND RESTORE  
 SCALE: NTS



**SOUTH ELEVATION - LIF-BLK-30**  
 Scale: NTS

SIGN#1

WALL HEIGHT: 36'

WALL LENGTH: 181'

PROPOSED SIGN: 57SF

36' WALL AREA: 6516

CLIENT NAME  
**CHASE**

ADDRESS  
**1801 Alton Road - Miami Beach, FL 33139**

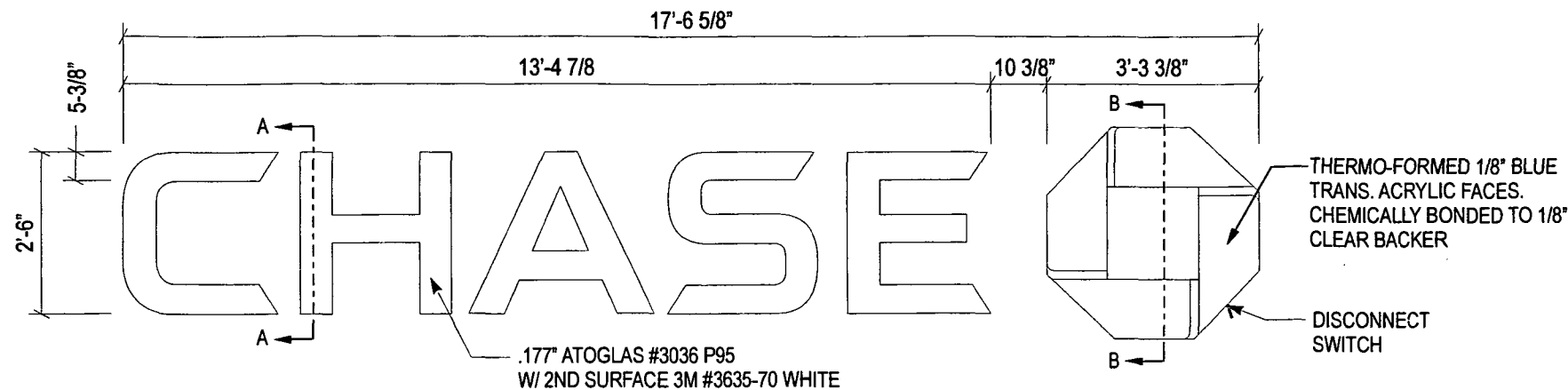
SITE  
**W1742**

PAGE NUMBER  
**6**

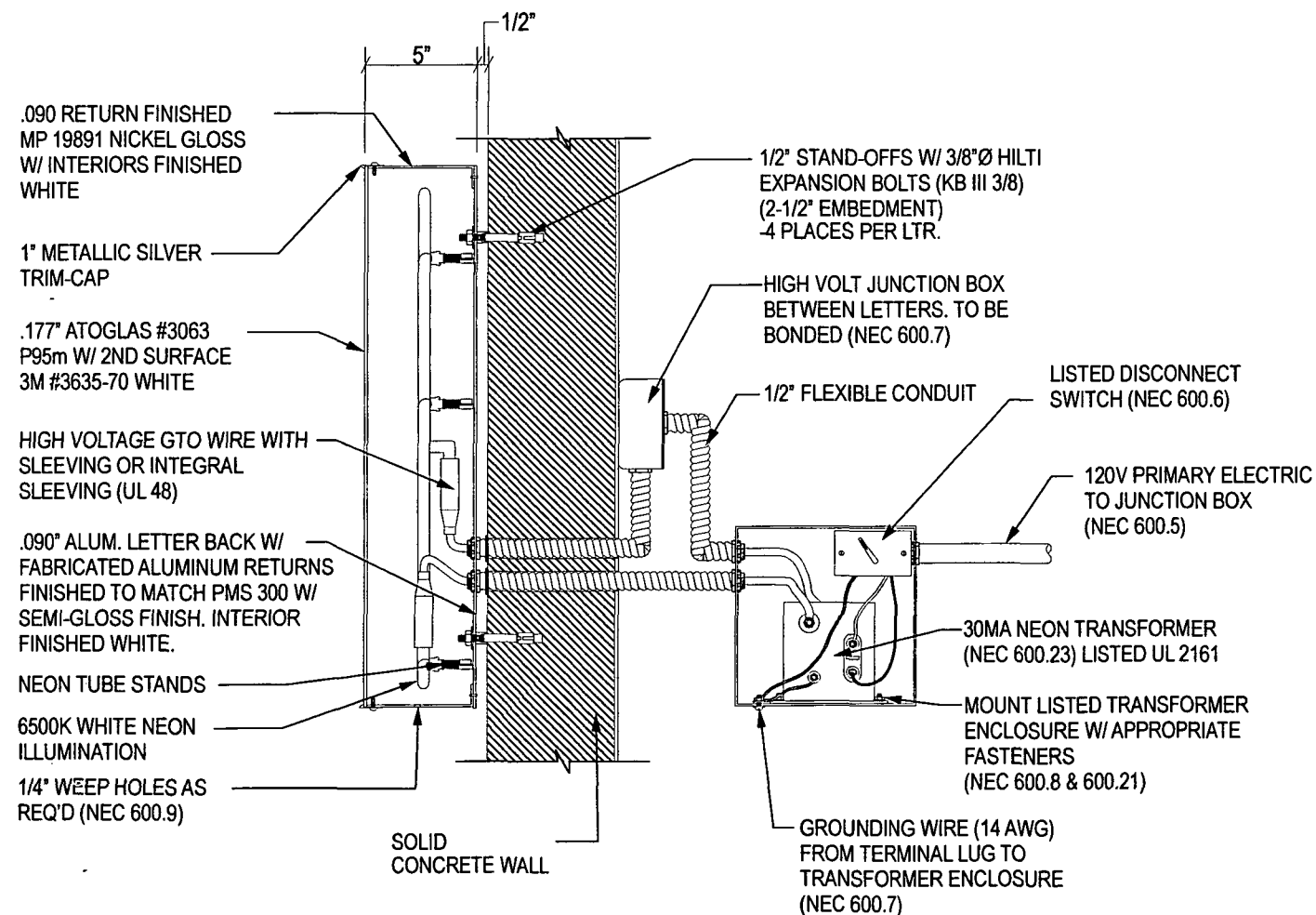
DRAWING NUMBER  
**08-2167-9**

CORPORATE OFFICE: 360 CRIDER AVENUE MOORESTOWN, NJ 08057 P - 856.802.1677 F - 856.802.0412

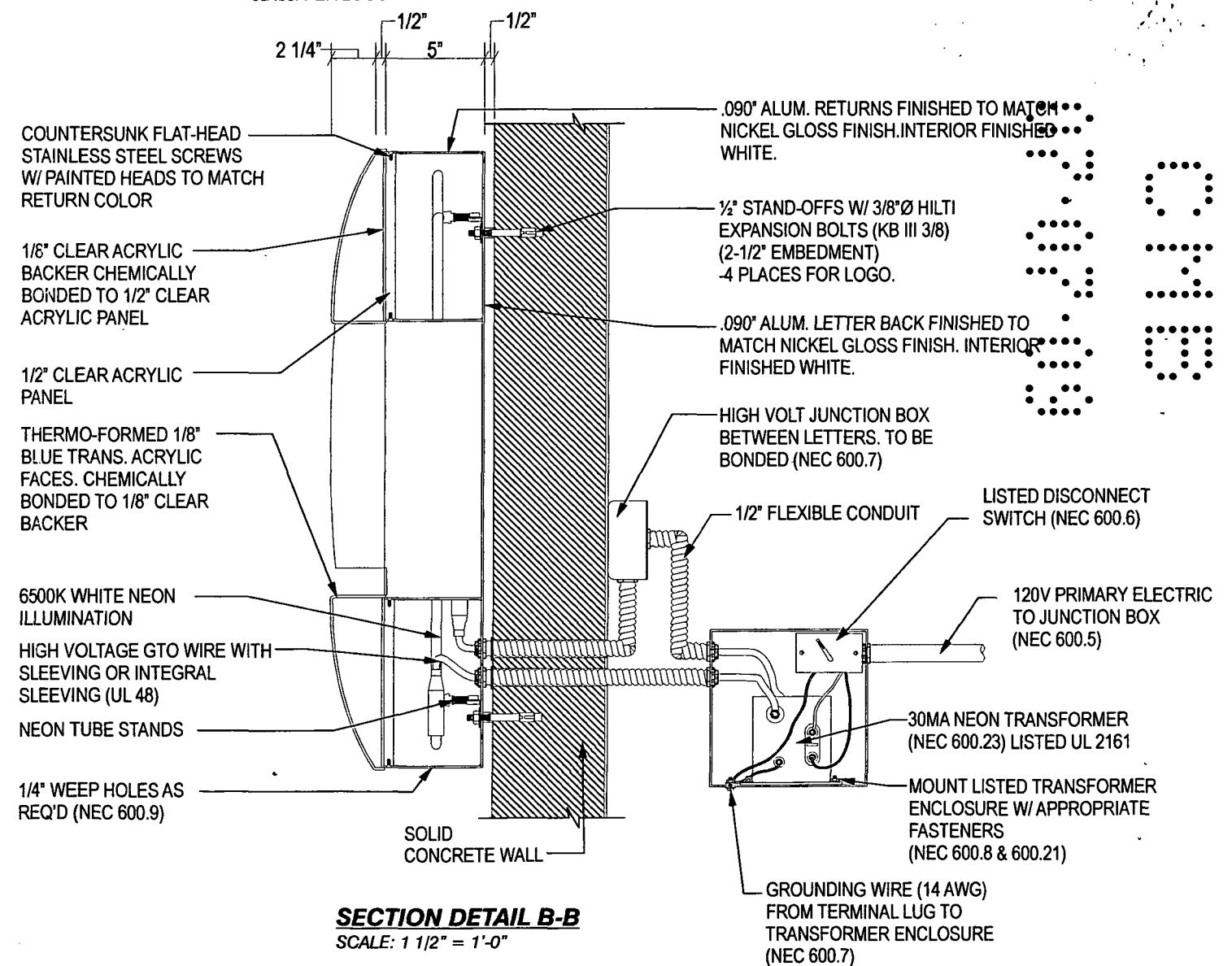
FLORIDA 2416 SAND LAKE ROAD ORLANDO, FL 32809 - TEXAS SERVICE CENTER 460 SOUTH BELTLINE ROAD SUITE 422 IRVING, TX 75060 - NORTH CAROLINA 120 CASCADE DRIVE CONCORD, NC 28027 - TEXAS 7303 BURLESON ROAD, SUITE 706 AUSTIN, TX 78744  
 THIS IS AN ORIGINAL UNPUBLISHED DRAWING CREATED BY NW SIGN INDUSTRIES, INC. IT IS PROVIDED FOR THE EXCLUSIVE USE BY THE CUSTOMER AND FOR THE PROJECT NAMED IN THIS TITLE BLOCK. IT SHALL NOT BE PROVIDED TO ANY OTHER SIGN MANUFACTURER OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF NW SIGN INDUSTRIES, INC. THIS DRAWING IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF NW SIGN INDUSTRIES, INC. © NW SIGN INDUSTRIES, INC. 2008



**CHANNEL LETTERS (BLACK LTRS / BLUE OCTAGON) LIF-BLK-30-s (2) REQ'D**  
 SCALE: 3/8" = 1' 0"



**SECTION DETAIL A-A**  
 SCALE: 1 1/2" = 1'-0"



**SECTION DETAIL B-B**  
 SCALE: 1 1/2" = 1'-0"

**GENERAL NOTES:**

- U.L. LISTED - FILE NUMBER E157099
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH "NEC" REF. SECTION 600
- ALL ELECTRICAL SIGN SECTIONS TO HAVE U.L. LABEL IN ACCORDANCE WITH "NEC" 600.3 AND MANUFACTURERS LABEL LOCATED NEXT TO DISCONNECT SWITCH
- ALL NON-CURRENT CARRYING METAL PARTS OF SIGN SHALL BE GROUNDED & BONDED IN ACCORDANCE WITH "NEC" 250
- ALL WIRING CONTAINED IN ENCLOSED AREAS WITH LAMPS SHALL BE FIXTURE RATED
- SPlicing OF CONDUCTORS SHALL BE MADE IN JUNCTION BOXES OR SIMILAR METAL ENCLOSURES
- AT THE POINT THAT ELECTRICAL CABLE PASSES THRU THE SIGN BOX, IT SHALL PASS THRU A U.L. LISTED RUBBER GROMMET

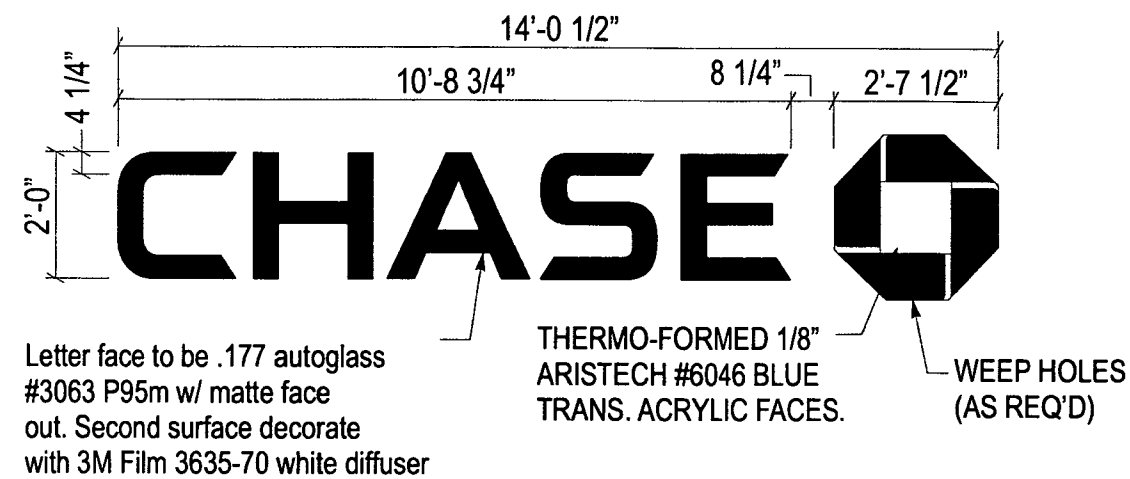
**SIGN MOUNTING HEIGHT TO BE 40FT MAXIMUM**

**ESTIMATED SIGN WEIGHT**

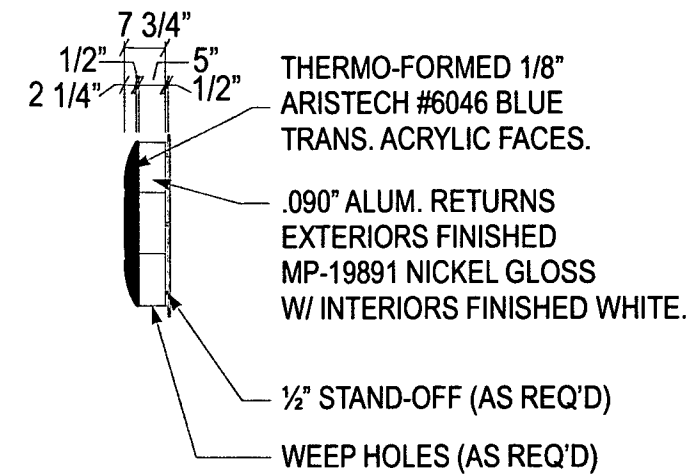
- 28 lbs. PER LETTER
- 52 lbs. PER LOGO

146 MPH WIND LOAD  
 IMPORTANCE FACTOR 1.0  
 EXPOSURE C  
 2007 FLORIDA BUILDING CODE  
 2009 SUPPLEMENT  
 SECTION 16 WIND LOAD  
 ASCE 7-05

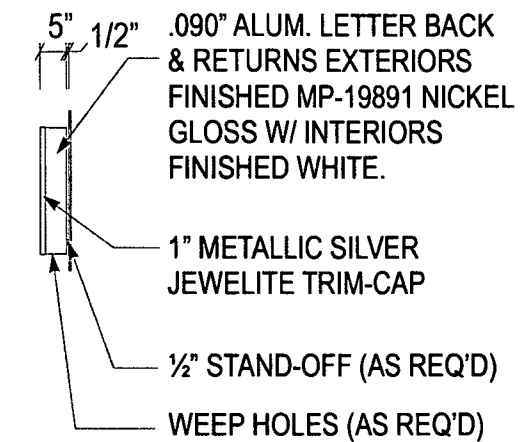
ENCON SERVICES, INC.  
 AARON BIEDENBACH  
 2272 JAUDON ROAD  
 DOVER, FL 33527  
 813-655-3373  
 FLPE #52949, FLEB #9394



**CHANNEL LETTERS LIF-BLK-24-s - ELEVATION**  
 SCALE: 1/4" = 1' 0"

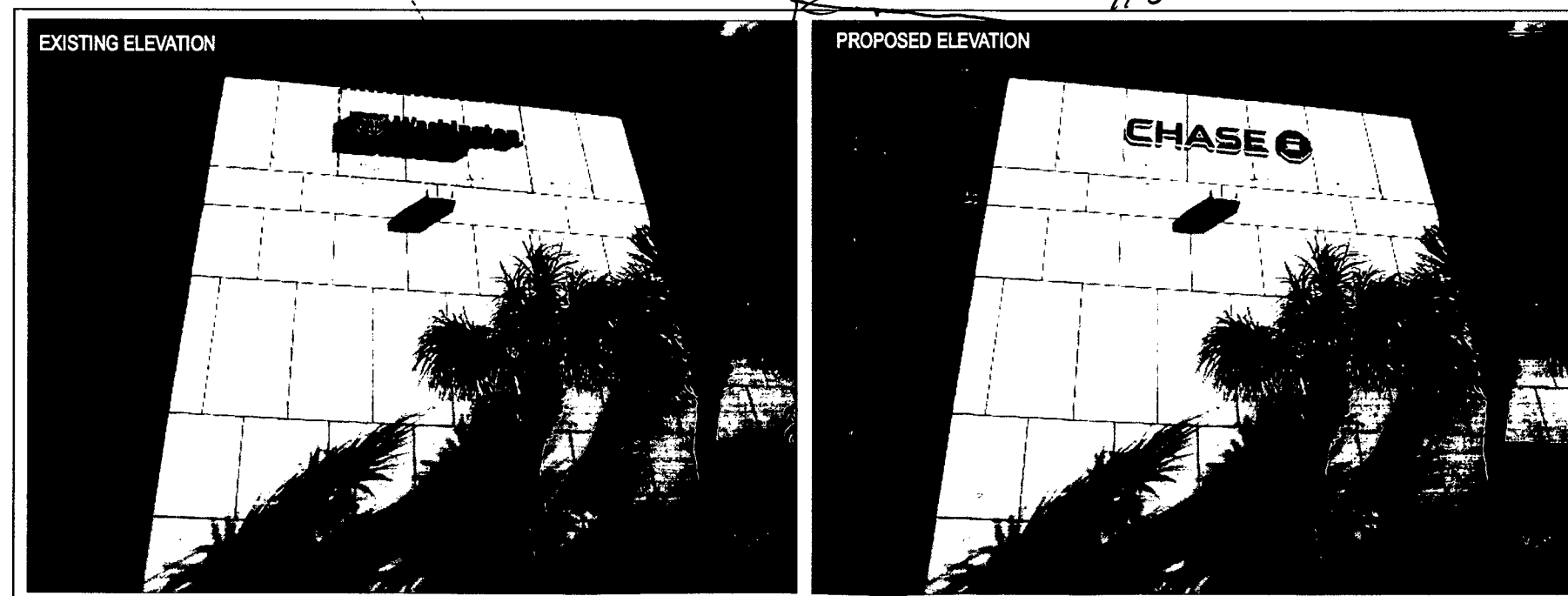


**OCTAGON - SIDE VIEW**  
 SCALE: 1/4" = 1' 0"

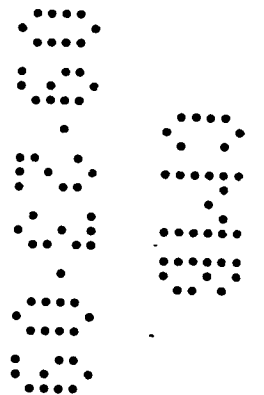


**LETTER - SIDE VIEW**  
 SCALE: 1/4" = 1' 0"

**16 REMOVE-RESTORE - REMOVE AND RESTORE**  
 SCALE: NTS



**WEST ELEVATION - LIF-BLK-30**  
 Scale: NTS



SIGN #2  
 WALL HEIGHT: 36'  
 WALL LENGTH: 110'  
 WALL AREA: 3960 sf  
 Proposed Sign Area: 37 sf

CLIENT NAME  
**CHASE**

ADDRESS  
 1801 Alton Road - Miami Beach, FL 33139

SITE  
 W1742

PAGE NUMBER  
 5

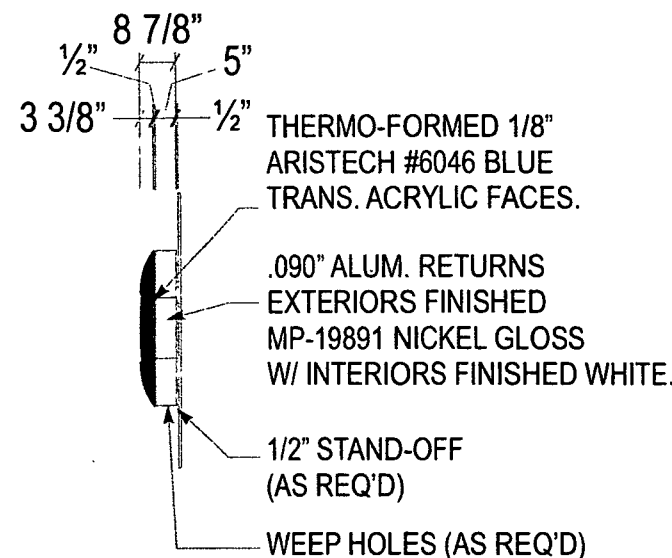
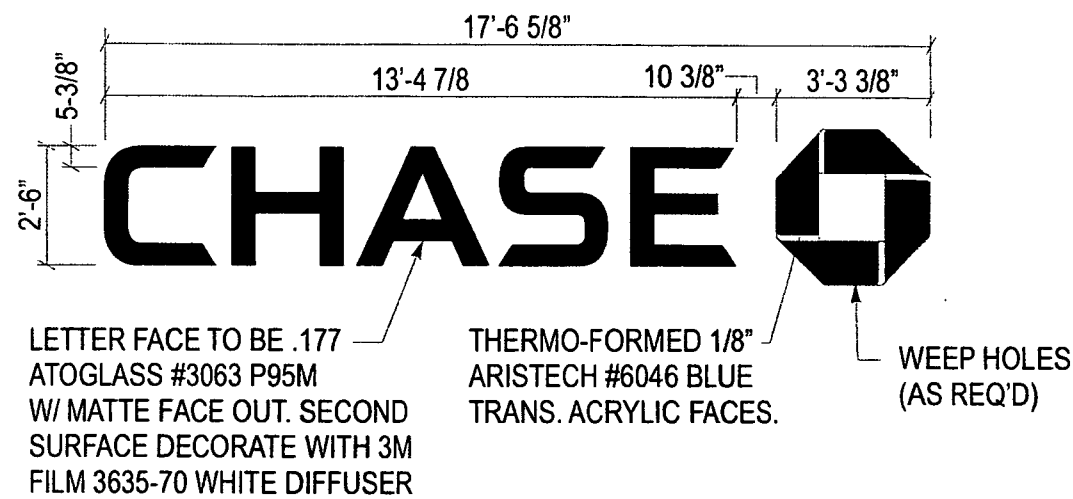
DRAWING NUMBER

**08-2167-12**

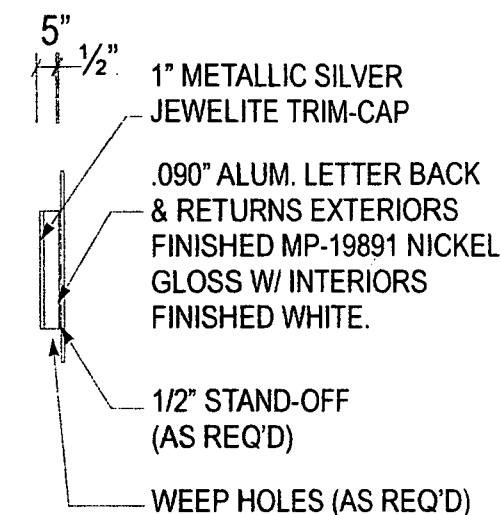
CORPORATE OFFICE: 360 CRIDER AVENUE MOORESTOWN, NJ 08057 P - 856.802.1677 F - 856.802.0412

FLORIDA 2416 SAND LAKE ROAD ORLANDO, FL 32809 - TEXAS SERVICE CENTER 460 SOUTH BELTLINE ROAD SUITE 422 IRVING, TX 75060 - NORTH CAROLINA 120 CASCADE DRIVE CONCORD, NC 28027 - TEXAS 7303 BURLESON ROAD, SUITE 706 AUSTIN, TX 78744

THIS IS AN ORIGINAL UNPUBLISHED DRAWING CREATED BY NW SIGN INDUSTRIES, INC. IT IS PROVIDED FOR THE EXCLUSIVE USE BY THE CUSTOMER AND FOR THE PROJECT NAMED IN THIS TITLE BLOCK. IT SHALL NOT BE PROVIDED TO ANY OTHER SIGN MANUFACTURER OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF NW SIGN INDUSTRIES, INC. THIS DRAWING IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF NW SIGN INDUSTRIES, INC. © NW SIGN INDUSTRIES, INC. 2008



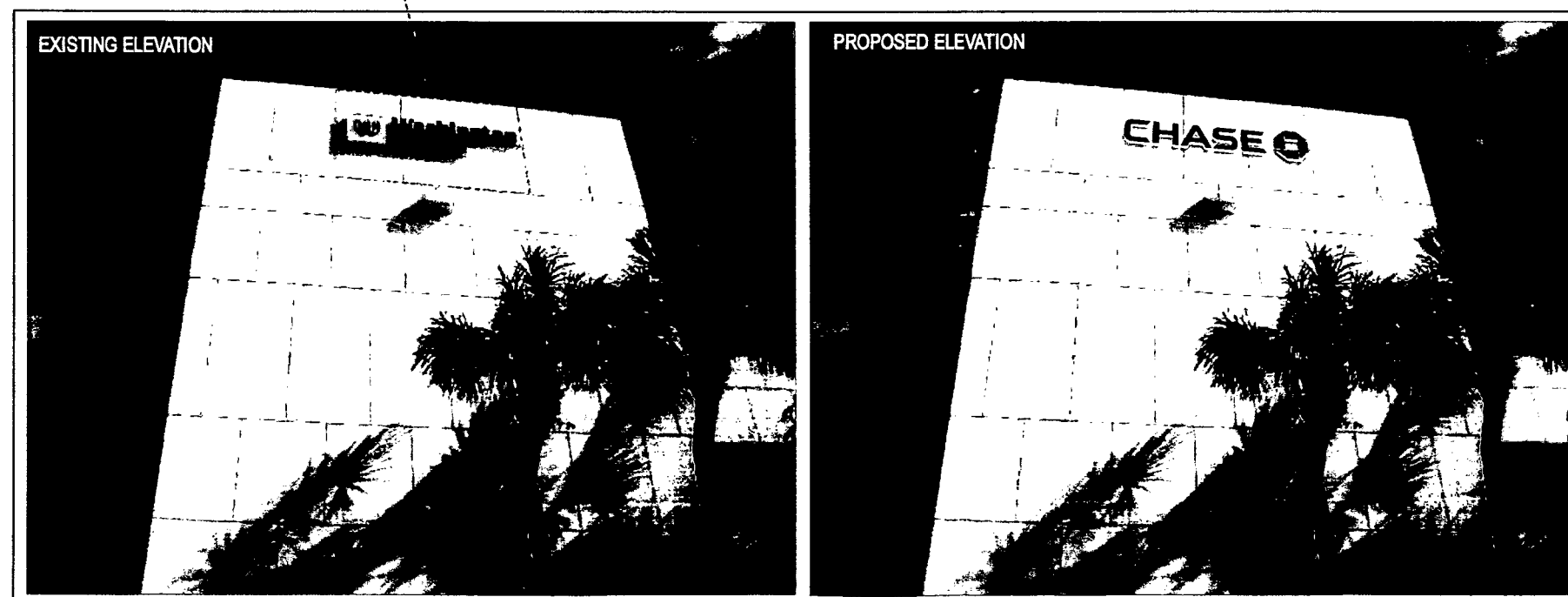
**OCTAGON - SIDE VIEW**  
SCALE: 1/4" = 1' 0"



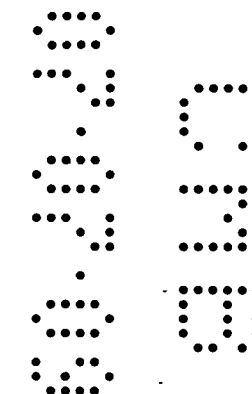
**LETTER - SIDE VIEW**  
SCALE: 1/4" = 1' 0"

**CHANNEL LETTERS- LIF-BLK-30-s - ELEVATION**  
SCALE: 1/4" = 1' 0"

**REMOVE-RESTORE - REMOVE AND RESTORE**  
SCALE: NTS



**WEST ELEVATION - LIF-BLK-30**  
Scale: NTS



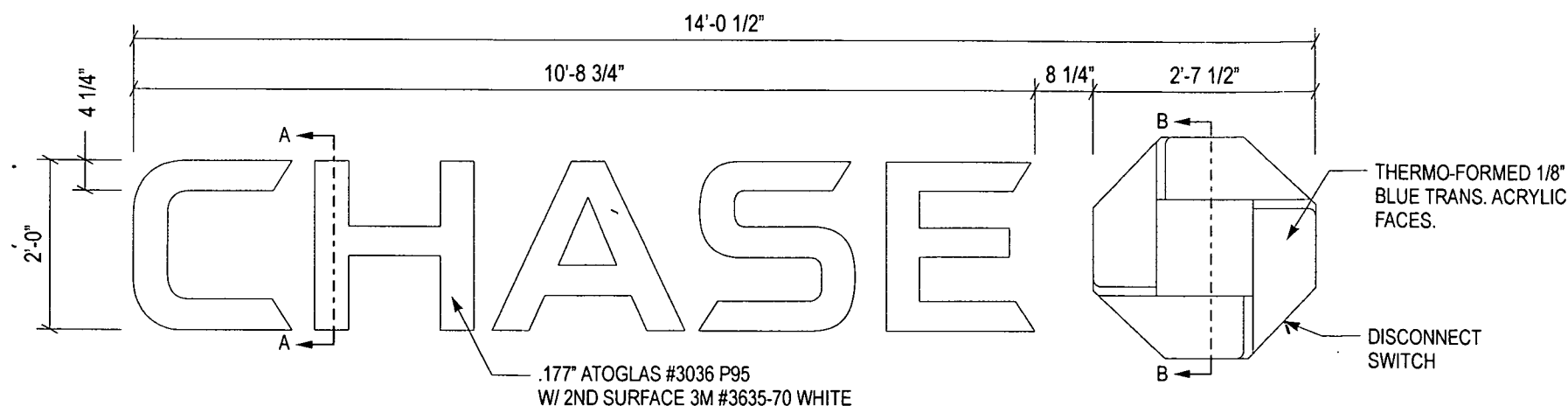
SIGN 2

WALL HEIGHT: 36

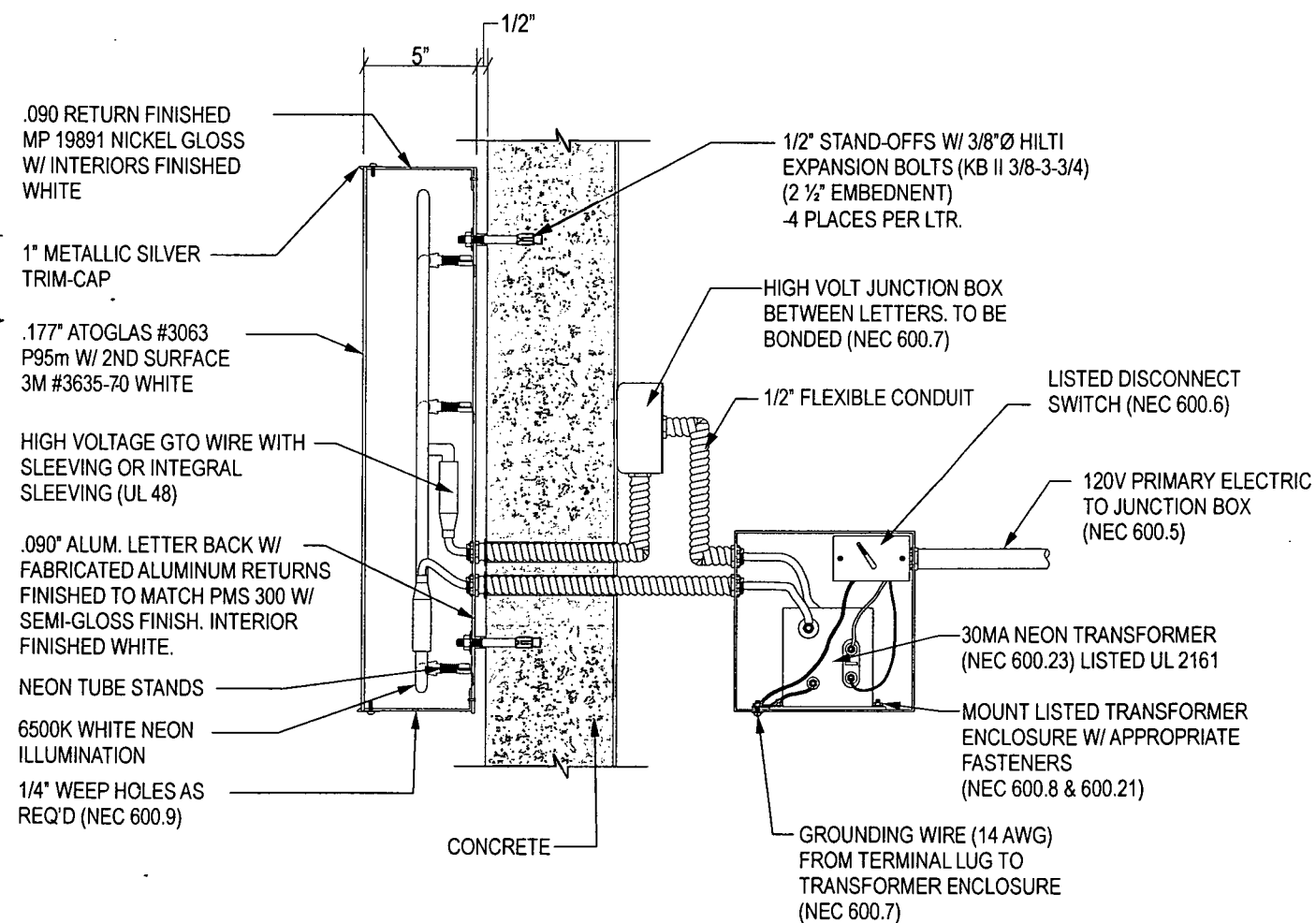
WALL LENGTH: 110'

PROPOSED SIGN: 57 SF

A large, stylized graphic of a beach umbrella. The text 'CITY OF MIAMI BEACH' is written along the curved ribs of the umbrella, and the word 'VOTED' is written in large, bold letters across the canopy. The entire graphic is rendered in a high-contrast, black and white, textured style.

**CHANNEL LETTERS (BLACK LTRS / BLUE OCTAGON) LIF-BLK-24-s - ELEVATION - (3) REQ'D**

SCALE: 1/2" = 1'-0"

**SECTION DETAIL A-A**

SCALE: 1 1/2" = 1'-0"

**ESTIMATED ELECTRICAL LOAD**

6.3A @ 120VAC

**ESTIMATED ELECTRICAL REQUIREMENTS**

(1) 20A circuit @ 120VAC

**GENERAL NOTES:**

- U.L. LISTED - FILE NUMBER E157099
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH "NEC" REF. SECTION 600
- ALL ELECTRICAL SIGN SECTIONS TO HAVE U.L. LABEL IN ACCORDANCE WITH "NEC" 600.3 AND MANUFACTURERS LABEL LOCATED NEXT TO DISCONNECT SWITCH
- ALL NON-CURRENT CARRYING METAL PARTS OF SIGN SHALL BE GROUNDED & BONDED IN ACCORDANCE WITH "NEC" 250
- ALL WIRING CONTAINED IN ENCLOSED AREAS WITH LAMPS SHALL BE FIXTURE RATED
- SPlicing OF CONDUCTORS SHALL BE MADE IN JUNCTION BOXES OR SIMILAR METAL ENCLOSURES
- AT THE POINT THAT ELECTRICAL CABLE PASSES THRU THE SIGN BOX, IT SHALL PASS THRU A U.L. LISTED RUBBER GROMMET

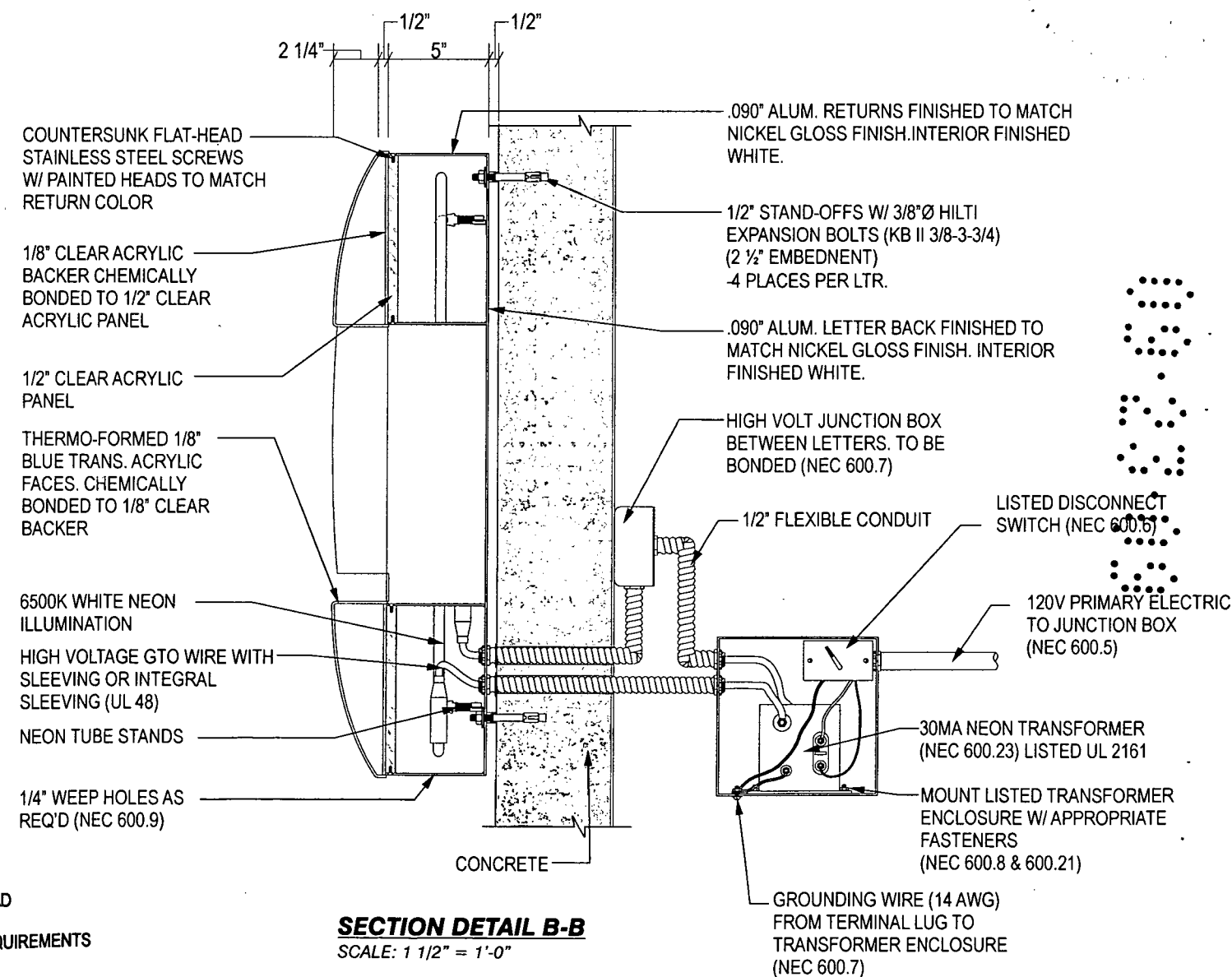
**ESTIMATED SIGN WEIGHT**

-16 lbs. PER LETTER

-32 lbs. PER LOGO

146 MPH WIND LOAD  
IMPORTANCE FACTOR 1.0  
EXPOSURE C  
2007 FLORIDA BUILDING CODE  
2009 SUPPLEMENT  
SECTION 16 WIND LOAD  
ASCE 7-05

ENCON SERVICES, INC.  
AARON BIEDENBACH  
2272 JAUDON ROAD  
DOVER, FL 33527  
813-655-3373  
FLPE #52949, FLEB #9394

**SECTION DETAIL B-B**

SCALE: 1 1/2" = 1'-0"

CLIENT NAME

CHASE

ADDRESS

940 IVES DAIRY RD, MIAMI FL

SITE

W1758

DRAWING NUMBER

08-2169-5

CORPORATE OFFICE: 360 CRIDER AVENUE MOORESTOWN, NJ 08057 P - 856.802.1677 F - 856.802.0412

FLORIDA 2416 SAND LAKE ROAD ORLANDO, FL 32809 - TEXAS SERVICE CENTER 460 SOUTH BELTLINE ROAD SUITE 422 IRVING, TX 75060 - NORTH CAROLINA 120 CASCADE DRIVE CONCORD, NC 28027 - TEXAS 7303 BURLESON ROAD, SUITE 706 AUSTIN, TX 78744

THIS IS AN ORIGINAL UNPUBLISHED DRAWING CREATED BY NW SIGN INDUSTRIES, INC. IT IS PROVIDED FOR THE EXCLUSIVE USE BY THE CUSTOMER AND FOR THE PROJECT NAMED IN THIS TITLE BLOCK. IT SHALL NOT BE PROVIDED TO ANY OTHER SIGN MANUFACTURER OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF NW SIGN INDUSTRIES, INC. THIS DRAWING IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF NW SIGN INDUSTRIES, INC. ©NW SIGN INDUSTRIES, INC. 2008

[illegible]

OFFICE COPY  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING: \_\_\_\_\_  
ZONING: 9/23/09  
DRE/HPB: \_\_\_\_\_  
CONCURRENCY: \_\_\_\_\_  
PLUMBING: \_\_\_\_\_  
ELECTRICAL: 9/23/09  
MECHANICAL: \_\_\_\_\_  
FIRE PREVENTION: \_\_\_\_\_  
ENGINEERING: \_\_\_\_\_  
PUBLIC WORKS: \_\_\_\_\_  
STRUCTURAL: Per 2.17/09/Per 9/23/09  
ELEVATOR: \_\_\_\_\_

Box 10-013

BO90375/  
1801 Alton Rd  
Office Copy



CHASE STORE ID #1742  
WAMU BLDG. ID #1924  
1801 ALTON ROAD  
MIAMI BEACH, FL 33139

PROJECT LOCATION

PLANNING REVIEW NOTICE

Phone 305-673-7080 Fax 305-673-7028

PLANNING REVIEW CONSTITUTES APPROVAL FOR OBTAINING BUILDING PERMITS ONLY.

All construction and/or use of equipment in the right-of-way and/or easements, requires a separate Public Works Department permit prior to start of construction.

Part Requirements: Proof of existing sidewalk/swale area conditions (pictures) and/or posting of sidewalk/roadway bonds (Public Works Inspection of the right-of-way will be required prior to final sign-off on the C.C./C.O., or the release of bonds.)

Approved/Reviewed By: B. Small Date: 3/25/01

PARCEL ID NUMBER IS 02-3233-012-0090

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 103–110

## CHASE INTERIOR REBRANDING CONVERSION

**CHASE**

MIAMI BEACH-ALTON ROAD

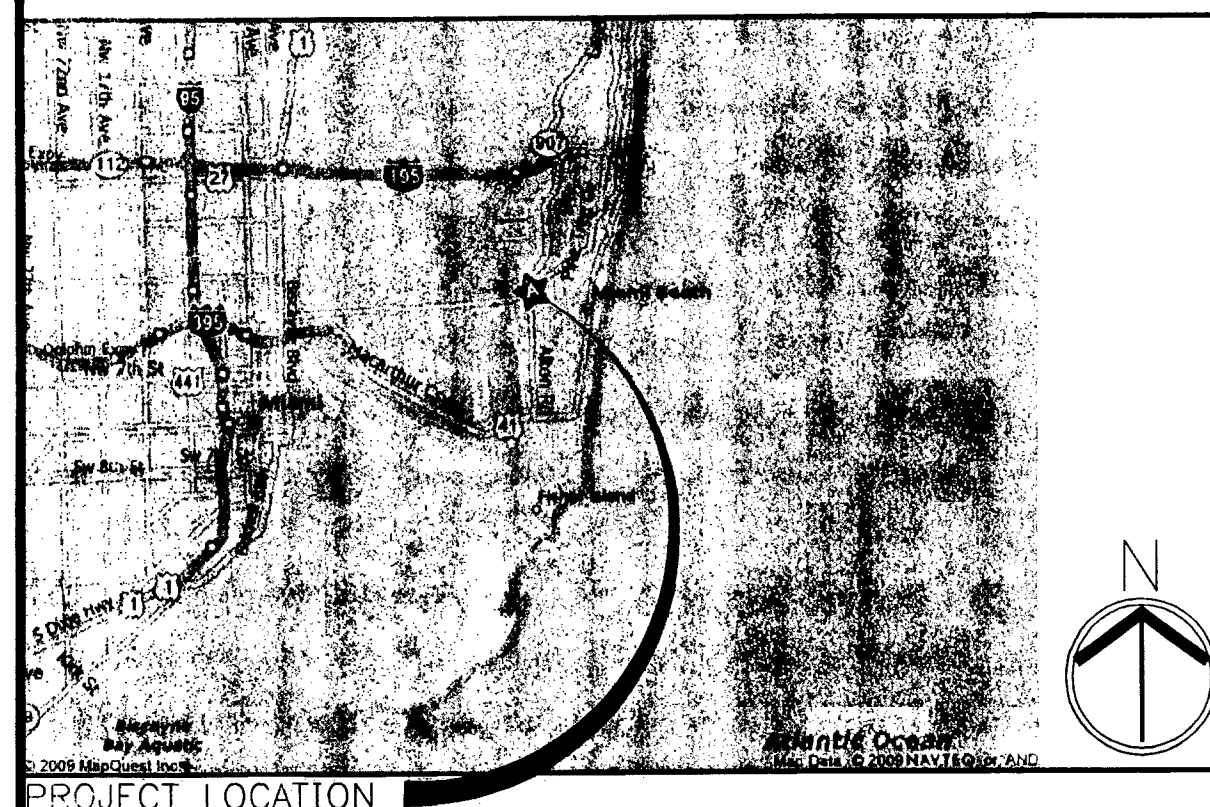
CHASE STORE ID #1742

WAMU BLDG. ID #1924

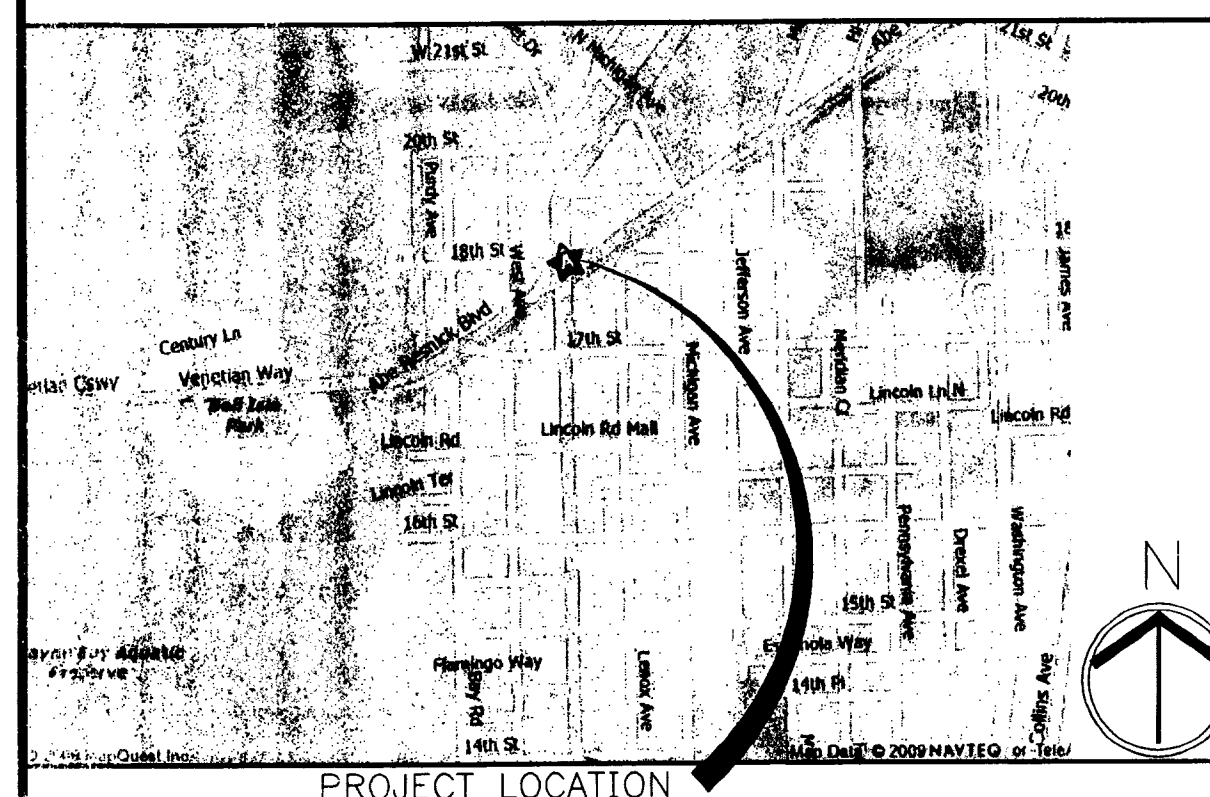
1801 ALTON ROAD

MIAMI BEACH, FL 33139

## VICINITY MAP



## LOCATION MAP



## DRAWING INDEX

## ARCHITECTURAL

- A0.0 DRAWING INDEX, MAPS, PROJ. INFO
- A0.0A RESPONSIBILITY SCHEDULE
- A0.0B CONSTRUCTION PHASING PLAN - FOR REFERENCE ONLY
- A1.0 DEMOLITION PLAN
- A1.0A DEMOLITION CEILING PLAN
- A1.1 FLOOR PLAN
- A1.2 FINISH PLAN
- A1.3 FURNITURE PLAN
- A2.0 REFLECTED CEILING PLAN
- A3.0 INTERIOR ELEVATIONS, SECTIONS, AND DETAILS
- A3.1 INTERIOR ELEVATIONS, SECTIONS, AND DETAILS
- A3.2 INTERIOR ELEVATIONS, SECTIONS, AND DETAILS

## MECHANICAL

- M0.0 HVAC NOTES, SPECIFICATIONS AND DETAILS
- M1.0 HVAC FLOOR PLAN

## ELECTRICAL

- E0.0 ELECTRICAL SPECIFICATIONS
- E1.0 ELECTRICAL PLAN - LIGHTING
- E2.0 ELECTRICAL PLAN - POWER
- E3.0 ELECTRICAL PLAN - SYSTEMS
- E4.0 ELECTRICAL RISER DIAGRAM AND PANEL SCHEDULES

## GENERAL NOTES

- ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES, REGULATIONS, ORDINANCES AND STANDARDS INCLUDING ADA AND OR OTHER HANDICAP ACCESSIBILITY CODES.
- GEN. CONTRACTOR SHALL COORDINATE WITH THE PROJECT MANAGEMENT COMPANY/ OWNER'S VENDORS REGARDING SCHEDULING AND SEQUENCING OF THE WORK.
- THE CONSTRUCTION NOTES AND DRAWINGS ARE SUPPLIED TO ILLUSTRATE THE DESIGN AND GENERAL TYPE OF CONSTRUCTION DESIRED AND ARE INTENDED TO IMPLY THE FINEST QUALITY OF CONSTRUCTION, MATERIAL AND WORKMANSHIP THROUGHOUT.
- THE DRAWINGS ARE NOT TO BE SCALED. FOR INFORMATION CONCERNING EXISTING CONDITIONS, ETC., VERIFICATION MUST BE DONE IN THE FIELD. LARGE SCALE DRAWINGS HAVE PRECEDENCE OVER SMALL SCALE DRAWINGS.
- PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTENCE AND LOCATION OF ALL EXISTING ABOVE AND BELOW GRADE UTILITIES, INCLUDING SANITARY SEWER, STORM SEWER, WATER, GAS, ELECTRICAL, TELEPHONE, ETC. ANY DISCREPANCIES IN UTILITY LOCATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL BUILDING DIMENSIONS PRIOR TO BEGINNING CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY VARIANCE OR DISCREPANCY AFFECTING NEW CONSTRUCTION PRIOR TO PROCEEDING WITH WORK.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING IN WALLS FOR SUPPORT OF ALL RELOCATED/ NEW EQUIPMENT, SHELVING, ACCESSORIES AND OTHER DEVICES REQUIRED.
- ALL PENETRATIONS SHALL RECEIVE CAULKING TO SEAL ANY TYPE OF ENERGY LOSS.
- THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL APPLICABLE DIMENSIONS OF FIXTURES AND EQUIPMENT SUPPLIED AND/OR INSTALLED BY OTHERS.
- UPON COMPLETION OF PROJECT, OBTAIN ALL FINAL INSPECTIONS AS REQUIRED BY LOCAL JURISDICTIONS AND FURNISH OWNER WITH EVIDENCE OF ALL SUCH INSPECTIONS AND CERTIFICATES OF OCCUPANCY.
- ALL MEANS OF EGRESS AND FIRE PROTECTION SHALL BE MAINTAINED AT ALL TIMES AND ANY SHUT DOWN OF LIFE SAFETY OR BUILDING SYSTEMS SHALL BE APPROVED AND COORDINATED IN ADVANCE WITH THE OWNER AND LOCAL BUILDING DEPARTMENT.
- GENERAL CONTRACTOR TO PROVIDE DAILY TRASH REMOVAL. NO DUMPSTERS/ STORAGE CONTAINERS WILL BE ALLOWED ON SITE.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE OWNER'S VENDORS ON SITE DURING CONSTRUCTION.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL THE UTILITY SERVICES FOR THE PROJECT.

## LEGAL DESCRIPTION

ISLAND VIEW SUB FB 6-115 E50FT OF LOT 6 4 LOT 10 LESS N2.8FT 4 ALL LOT 11 BLK 11 LG SIZE IRREGULAR OR 14848-511290 L.

PARCEL ID NUMBER IS 02-3233-012-0030.

## SCOPE OF T.I. MODIFICATION

- SCOPE OF INTERIOR MODIFICATIONS TO THE PUBLIC AREAS TO INCLUDE THE FOLLOWING:
- CIRCULAR SOFFIT AREAS ABOVE THE CIRCULAR FURNITURE LAYOUT TO BE MODIFIED/ REMOVED.
  - EXTEND EXISTING SUSPENDED CEILING GRID TO FILL AREAS WHERE SOFFIT IS REMOVED.
  - REMOVE TRACK LIGHTING AND DIRECTIONAL LIGHTING THAT HIGHLIGHTED EXISTING MARKETING DISPLAYS THAT WILL BE REMOVED.
  - ADD LIGHTING TO MATCH EXISTING TO EXTEND THE EXISTING LIGHTING PATTERN IN MODIFIED CEILING AREAS. RELOCATE/ ADD PENDANTS AS NOTED.
  - MODIFY EXISTING MECHANICAL ONLY AS REQUIRED TO ENSURE PROPER SUPPLY AND RETURN TO AREAS MODIFIED WITH NEW FURNITURE LOCATIONS, WALL LOCATIONS, OR ENCLOSED AS SEPARATE ROOMS.
  - MODIFY EXISTING POWER SUPPLY ONLY TO ACCOMMODATE NEW INTERIOR SIGNAGE, ATM, AHD, VAULT AND/ OR MED. ADDITIONS/ RELOCATIONS, THE SHIFT IN WORKSTATIONS, TELLER LINES, NEW AND/OR REMOVED WALLS OR PARTIAL WALLS AND AS REQUIRED FOR POWER SUPPLY TO WINDOW SHADES (AS NOTED).
  - FLOOR FINISHES TO BE REMOVED AND REPLACED AS NOTED - CORRESPONDING TO NEW FURNITURE AND TELLER LINE LAYOUT.
  - ATM, AHD, N/D, PACKAGE RECEIVER, AND VAULTS MAY BE RELOCATED/ NEW AS NOTED ON PLANS.
  - ADD/ MODIFY VESTIBULE AS IDENTIFIED ON PLAN.
  - ALL WORK IS REQUIRED TO BE PERFORMED AFTER BANKING HOURS (NIGHT AND WEEKENDS). THE BRANCH WILL BE IN OPERATION.
  - NO PLUMBING WORK.

## CODE DATA

## JURISDICTION:

CITY OF MIAMI BEACH  
BUILDING DEPARTMENT  
ATTN: RASHONDA WILSON  
CONVENTION CENTER DR  
MIAMI BEACH, FLORIDA 33139  
T. 305.613.1610 EXT. 6621

## BUILDING CODE

2007 FLORIDA BUILDING CODE  
2007 FLORIDA PLUMBING CODE  
2007 FLORIDA MECHANICAL CODE  
2008 NATIONAL ELECTRIC CODE  
2007 FLORIDA BUILDING CODE CH. II  
2007 FLORIDA BUILDING CODE CH. 13  
2007 FLORIDA FIRE PREVENTION CODE

NOTE: THIS BUILDING IS NOT SPRINKLERED  
AND DOES NOT HAVE A FIRE ALARM

## OCCUPANCY: - BUSINESS GROUP B

## CONSTRUCTION TYPE: TYPE V-B - UNPROTECTED

HEIGHT LIMITATION: 2 STORIES

ALLOWABLE AREA: 3,000 SF.

TOTAL BUILDING: 25,030 SF.

TOTAL BRANCH: 1,208 SF.

AREA OF MODIFICATIONS: 4,321 SF.

TOTAL OCCUPANT LOAD (BUSINESS)

1,208 SF/100 SF PER OCCUPANT = 12

TOTAL EXITS REQUIRED = 2

TOTAL EXITS PROVIDED = 2

TOTAL WIDTH REQUIRED OF ALL EXITS =

(12" X 2" = 144 INCHES)

TOTAL WIDTH PROVIDED OF ALL EXITS =

(12" X 36" = 108 INCHES)

MAXIMUM TRAVEL DISTANCE, FBC SEC. 1016:

200 FT.

COMMON PATH OF TRAVEL, FBC SEC. 1014.3: 15FT.

FIRE RESISTANCE RATINGS OF

STRUCTURAL ELEMENTS

TABLE 601 TYPE V-B CONSTRUCTION

1. EXTERIOR WALLS

LOAD BEARING

NON-LOAD BEARING

FIREWALLS

2. FIREWALLS

3. FIRE SEPARATION

ASSEMBLIES: EXITS,

SHAFTS,

MIXED USE:

OTHERS:

4. FIRE PARTITIONS

5. DUELLING UNIT SEPARATION

6. SMOKE BARRIERS

SMOKE PARTITIONS

7. NONBEARING PARTITIONS

8. INTERIOR BEARING WALLS

9. STRUCTURAL MEMBERS

10. FLOOR CONSTRUCTION

11. ROOF CONSTRUCTION

PUBLIC WORKS

PLAN REVIEW NOTICE

Phone 305-678-7080 Fax 305-673-7028

THIS PLAN REVIEW CONSTITUTES APPROVAL FOR

OBTAINING BUILDING PERMITS ONLY.

All construction and/or use of equipment in the right-of-way and/or

easements, requires a separate Public Works Department permit

to start of construction.

Permit Requirements: Proof of existing sidewalk/swele area conditions

(pictures) and/or posting of sidewalk/roadway bonds

(Public Works inspection of the right-of-way will be required prior to

final sign-off on the C.C./C.O., or the release of bonds.)

Approved/Reviewed By: [Signature] Date: 02-19-10

## PROJECT INFORMATION

## TENANT

J.P. MORGAN CHASE BANK  
CHASE TOWER  
MAIL CODE 1L1-0475  
TELEPHONE: (312) 325-3373  
FAX: (312) 325-3385

## PROJECT MANAGEMENT COMPANY

MENEMSHA  
ATTN: BECKY BEDWELL  
169 LIBBEY PKWY.  
WEYMOUTH, MA 02189  
TELEPHONE: (781) 337-9012  
FAX: (775) 637-9932

## ARCHITECT

INTERPLAN, LLC  
ATTN: LOUISE CRAVER  
933 LEE ROAD, FIRST FLOOR  
ORLANDO, FL 32810  
TELEPHONE: (407) 645-5008  
FAX: (407) 644-0673

## MECHANICAL AND ELECTRICAL ENGINEER

INTERPLAN, LLC  
ATTN: JERRY RUSSO  
933 LEE ROAD, FIRST FLOOR  
ORLANDO, FL 32810  
TELEPHONE: (407) 645-5008  
FAX: (407) 644-0673

OFFICE COPY  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING: [Signature]  
ZONING: [Signature]  
DRY/IRP: [Signature]  
CONCURRENCY: [Signature]  
PLUMBING: [Signature]  
ELECTRICAL: [Signature]  
MECHANICAL: [Signature]  
FIRE PREVENTION: [Signature]  
ENGINEERING: [Signature]  
PUBLIC WORKS: [Signature]  
STRUCTURAL: [Signature]  
ELEVATOR: [Signature]

## INTERPLAN, LLC

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA8660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124

SEAL:

[Signature]

HARVEY JACOBY  
DEC 7 2009

CONSULTANT:

REVISIONS:

NO. DATE REMARKS  
1 06-18-09 PERMIT COMMENTS  
5 10-05-09 PERMIT COMMENTS

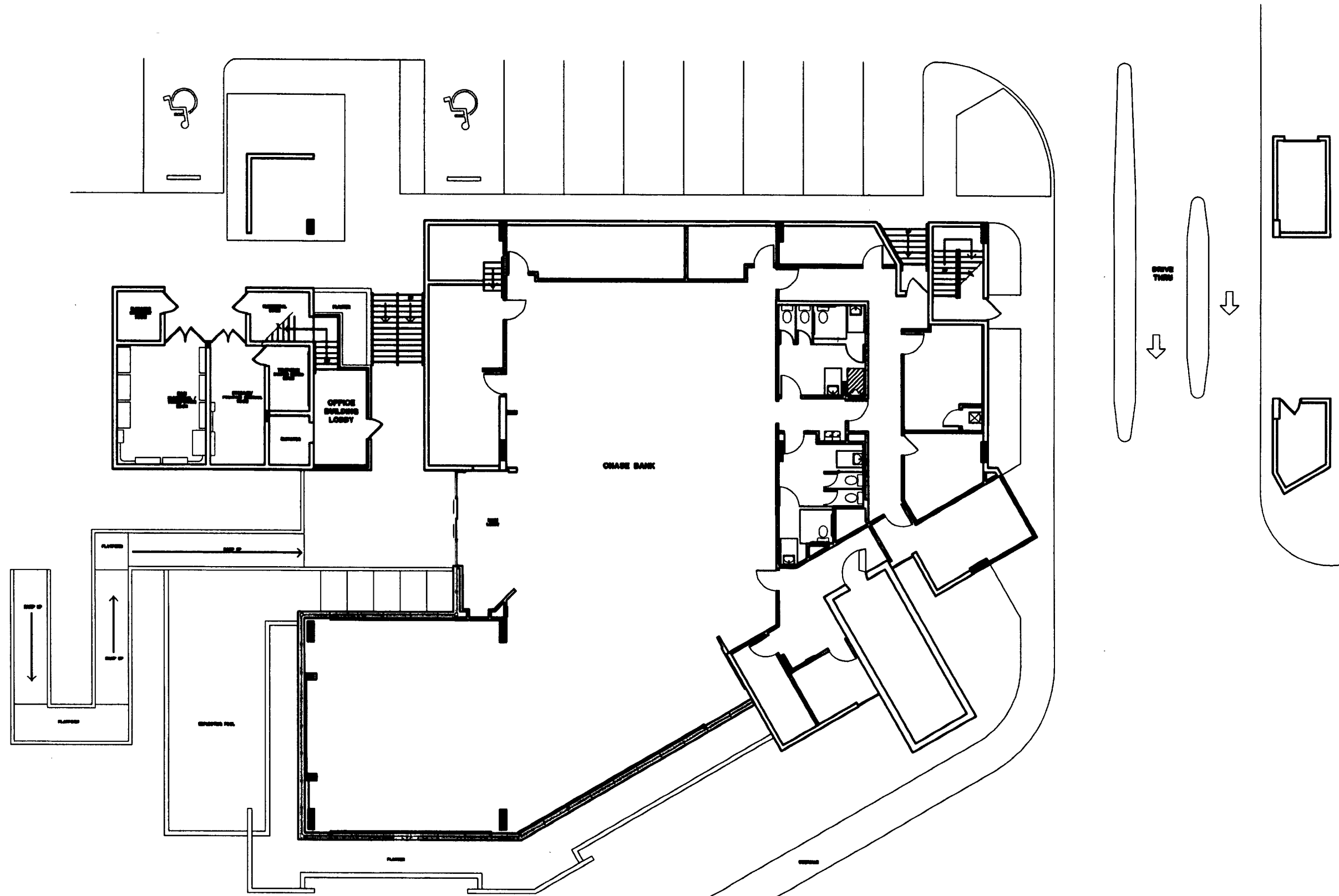
CHASE  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG ID# 1924 CHASE STORE ID# 1742  
MIAMI, FL 33139

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 04-30-09

A0.0  
COVER SHEET

02-19-10  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]



1 KEY PLAN  
NOT TO SCALE



2 AERIAL VIEW  
NOT TO SCALE

| Chase/WaMu Rebrand Responsibility Schedule |                                              | PMC      | PMC       | GC       | GC        |
|--------------------------------------------|----------------------------------------------|----------|-----------|----------|-----------|
|                                            |                                              | Supplied | Installed | Supplied | Installed |
| Demo                                       | Demolition                                   |          |           | *        | *         |
|                                            | Daily carting/hauling                        |          |           | *        | *         |
|                                            | Daily cleaning - ready for Bank Operations   |          |           | *        | *         |
|                                            | Final Cleaning                               |          |           | *        | *         |
|                                            | Demo of all WaMu Marketing/Branding interior |          |           | *        | *         |
| Doors & Windows                            | Interior doors                               |          |           | *        | *         |
|                                            | Glass/glazing, Aluminum entry doors          |          |           | *        | *         |
|                                            | BR Doors                                     | *        |           |          | *         |
| Finishes                                   | Carpet                                       | *        |           |          | *         |
|                                            | Pedimat                                      | *        |           |          | *         |
|                                            | Walk off carpet tiles                        | *        |           |          | *         |
|                                            | VCT                                          |          |           | *        | *         |
|                                            | Wood Floor                                   | *        |           |          | *         |
|                                            | Ceramic Tile                                 | *        |           |          | *         |
|                                            | Ceiling                                      |          |           | *        | *         |
|                                            | Base                                         |          |           | *        | *         |
| Equipment                                  | Paint                                        |          |           | *        | *         |
|                                            | Wall covering                                | *        |           |          | *         |
|                                            | BR Glass                                     | *        | *         |          |           |
|                                            | Kevlar panels                                | *        |           |          | *         |
| Fire Protection                            | ATM Rigging                                  | *        | *         |          |           |
|                                            | Sprinkler work                               |          |           | *        | *         |
| Electric                                   | Light fixtures                               | *        |           |          | *         |
|                                            | All other labor and material                 |          |           | *        | *         |
| Low Voltage Cabling                        | Insight                                      | *        | *         |          |           |
| Security                                   | ADT                                          | *        | *         |          |           |
| Furniture                                  | Chairs                                       | *        | *         |          |           |
|                                            | Steelcase Work Stations                      | *        | *         |          |           |
|                                            | Work Station Panels                          | *        | *         |          |           |
|                                            | Coffee table                                 | *        | *         |          |           |
|                                            | End table                                    | *        | *         |          |           |
|                                            | Teller counter                               | *        | *         |          |           |
|                                            | CSC                                          | *        | *         |          |           |
|                                            | TCD                                          | *        | *         |          |           |
|                                            | KMDI Mock Soffit                             | *        |           |          | *         |
|                                            | KMDI Illuminated Soffit                      | *        |           |          | *         |
|                                            | Check Desk                                   | *        | *         |          |           |
|                                            | Window Shades Blinds                         | *        | *         |          |           |
|                                            | Curtains                                     | *        | *         |          |           |
|                                            | Queue Ropes                                  | *        | *         |          | *         |
|                                            | Large Cash Vault                             | *        | *         |          |           |
|                                            | After Hours Depository                       | *        | *         |          |           |
|                                            | Package Receiver                             | *        | *         |          |           |
|                                            | Large Safe                                   | *        | *         |          |           |

GC is responsible to verify schedule with all PMC/Chase Service providers  
Note: Not all items indicated above may apply - confirm with PMC/ Chase Service providers.

INTERPLAN LLC

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA8660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124

SEAL:

HARVEY JACOBY  
MA'S 2.2.2010

CONSULTANT:

REVISIONS:

NO. DATE REMARKS  
2 06-09-09 OWNER REVISIONS  
7 03-22-10 PERMIT COMMENTS

CHASE  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG ID# 1924 CHASE STORE ID# 1742  
1801 ALTON ROAD  
MIAMI, FL 33139

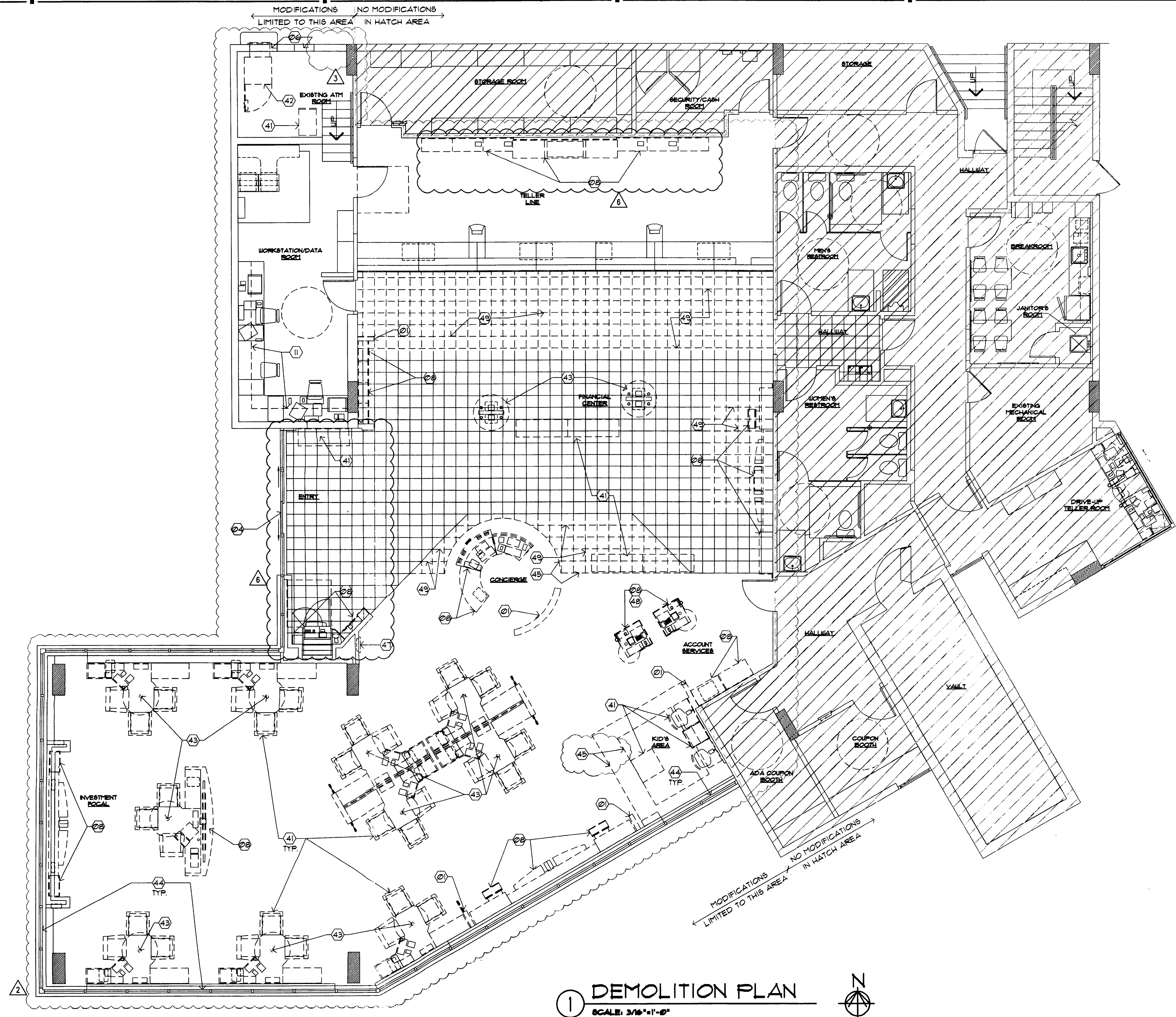
COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 04-30-09

A0.0A

RESPONSIBILITY  
SCHEDULE

DRAWN BY:  
CHECKED BY: LRM/eb



**1 DEMOLITION PLAN**  
SCALE: 3/16"=1'-0"



**SYMBOL LEGEND**

- ② SHEET KEY NOTE
- ②1A DOOR SYMBOL (NEW OR MODIFIED)
- Ⓐ WINDOW SYMBOL (NEW OR MODIFIED)
- B.E. BANK EQUIPMENT SUPPLIED AND INSTALLED BY BANK EQUIPMENT CONTRACTOR (N.C.). REQUIRED OPENINGS, ELEC POWER, AND CAULKING BY GENERAL CONTR.
- O.E. OFFICE EQUIPMENT SUPPLIED AND INSTALLED BY CHASE BANK.

**DEMOLITION GENERAL NOTES**

1. DEMOLITION PLANS ARE ILLUSTRATIVE IN NATURE ONLY. THEY ARE INTENDED TO ASSIST THE GENERAL CONTRACTOR IN DETERMINING THE SCOPE OF THE WORK. THERE IS NO REFERENCE THAT ALL DEMOLITION AND EXISTING CONDITIONS ARE SHOWN.
2. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND CONFIRM ALL DEMOLITION REQUIRED FOR CONFORMANCE OF THE FINAL CONSTRUCTION DOCUMENTS.
3. DASHED LINES TYPICALLY REPRESENT ITEMS TO BE REMOVED, RELOCATED OR DEMOLISHED ON THE DEMOLITION PLAN ONLY. REFERENCE THE DEMOLITION NOTES FOR DESCRIPTION OF THESE GENERAL ITEMS.
4. TRASH TO BE REMOVED DAILY BY G.C.
5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OF TENANT SPACE BOTH DURING AND FOLLOWING DEMOLITION WORK.
6. PROTECT ALL EXISTING MATERIALS TO REMAIN. REPAIR AND PATCH THESE EXISTING MATERIALS DURING CONSTRUCTION WHERE NEEDED. MATCH NEW MATERIALS INSTALLED TO ENSURE THAT ALL DEMOLITION AND NEW CONSTRUCTION IS COMPATIBLE AND INDISTINGUISHABLE. REQUIRED PROTECTION INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
  - STOREFRONT BULKHEAD
  - DRYWALL
  - ELECTRICAL OUTLETS AND SWITCHES
  - EXTERIOR DOORS AND FRAMES
  - FIRE PROTECTION SYSTEM
  - MECHANICAL EQUIPMENTS
  - FIRE PROTECTION
  - FIRE RATED PENETRATIONS
7. IN AREAS INDICATED TO RECEIVE NEW FLOOR COVERING, REMOVE EXISTING FLOOR MATERIALS AND PREPARE SLAB FOR INSTALLATION OF NEW FLOORING MATERIALS

8. REFER TO NEW FLOOR AND/OR CEILING PLAN FOR EXTENT OF WORK TO REMAIN OR TO BE RELOCATED.
9. REFER TO DEMOLITION REFLECTED CEILING PLAN, SHEET A10A FOR DEMOLITION INFORMATION REGARDING CEILING, LIGHTING AND SOFFITS.
10. GENERAL CONTRACTOR TO SALVAGE REMOVED MILLWORK FOR POSSIBLE RE-USE. COORDINATE WITH PMC & CHASE REGARDING ITS RE-USE ON SITE OR TO COORDINATE ITS RELOCATION TO OTHER LOCATION.
11. ELECTRICIAN TO CAP ALL ABANDONED OUTLET LOCATIONS AND REMOVE POWER BACK TO ITS SOURCE.
12. MODIFICATIONS TO AND/OR REMOVAL OF BUILDING COMPONENTS, MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS SHALL BE IN CONFORMANCE WITH LOCAL CODE REQUIREMENTS FOR COMMERCIAL/BUSINESS FACILITIES.
13. EXISTING ELECTRICAL FLOOR BOXES AT TELLER KIOSKS TO BE ABANDONED. REFERENCE ELECTRICAL PLANS. PATCH/REPAIR EXISTING SLAB AS REQUIRED. FLOOR BOXES TO REMAIN. INFILL WITH THINSET, LEVEL WITH SLAB.
14. STRIP ALL EXISTING WALL COVERING/ MURALS. PREP WALLS FOR NEW FINISHES.
15. G.C. TO KEEP ALL EXISTING PENDANTS FOR REUSE.
16. EXISTING QUICK DROP BOX TO BE REMOVED, TYP. TURN OVER TO PMC.

**DEMOLITION SHEET KEY NOTES**

**FLOOR PLAN**

- ② EXISTING WALL TO BE REMOVED, TYP.
- ②1 PORTION OF EXISTING WALL TO REMAIN
- ②2 NOT USED.
- ②3 EXISTING DOOR AND FRAME TO REMAIN
- ②4 NOT USED.
- ②5 PORTION OF EXISTING WALL TO BE REMOVED TO ACCOMMODATE NEW WALL OPENING
- ②6 NOT USED.
- ②7 EXISTING COUNTER AND MILLWORK TO BE REMOVED.
- ②8 NOT USED.
- ②9 NOT USED.
- ②10 EXISTING SHELVES TO BE REMOVED.

**FF & E**

- ④1 EXISTING FURNITURE TO BE REMOVED.
- ④2 EXISTING ATM TO BE REMOVED AND/ OR RELOCATED.
- ④3 EXISTING FURNITURE AND PANEL SYSTEMS TO BE REMOVED AND RECONFIGURED IN NEW LOCATION PER FURNITURE PLAN.
- ④4 EXISTING WINDOW BLINDS TO BE REMOVED, TYP.
- ④5 EXISTING FLOOR TRANSITION TO BE REMOVED
- ④6 EXISTING EQUIPMENT TO BE REMOVED
- ④7 EXISTING FIRE EXTINGUISHER TO BE REMOVED AND RELOCATED.
- ④8 EXISTING ELECTRICAL, COMMUNICATIONS, FIRE SAFETY EQUIPMENT, ETC. TO BE RELOCATED. REFERENCE ELECTRICAL PLANS.
- ④9 EXISTING FLOOR FINISH TO BE REMOVED.

# LEGEND

- GYP. BD. CEILING - NEW  
COLOR:  
5/8" GYP. BD. SHEATHING
- ACT-1  
ACOUSTICAL CEILING: ALL AREAS  
MANUFACTURER: ARMSTRONG  
MODEL: ULTIMA OPEN PLAN BEVELED  
COLOR: WHITE  
SIZE: 24" x 24" x 3/4"  
EDGE: BEVELED REGULAR  
GRID: INTERLUDE XL 9/16" EXPOSED TEE  
GRID FINISH: WHITE
- ACT-2  
ACOUSTICAL CEILING: ALL AREAS  
MANUFACTURER: ARMSTRONG  
MODEL: ULTIMA OPEN PLAN BEVELED  
COLOR: WHITE  
SIZE: 24" x 24" x 3/4"  
EDGE: BEVELED REGULAR  
GRID: INTERLUDE XL 9/16" EXPOSED TEE  
GRID FINISH: WHITE
- SLEEVES THRU CEILING FOR DATA CABLES
- 2'x4' RECESSED LIGHT FIXTURE IN  
SUSPENDED CEILING SYSTEM.
- 1 x 4 SURFACE MOUNTED FLUORESCENT  
LIGHT FIXTURE.
- FLUORESCENT STRIP LIGHT FIXTURE.
- 2'x2' LAY-IN FLUORESCENT
- LED CANOPY LIGHT
- 4"x4" COMPACT FLUORESCENT DOWN LIGHT
- 4"x4" WALL WASHER
- EXIT SIGN (DIRECTIONAL)
- EXIT SIGN, LOCATE CENTRALLY OVER DOOR(S)
- EMERGENCY LIGHT, MOUNT TO CEILING
- BLUE PENDANT LIGHT FIXTURE, ALIGN W/  
CENTER OF FIXTURE BELOW. RE: RCP FOR  
MOUNTING HEIGHT - SEE L-10 SPEC. BELOW.
- AMBER PENDANT LIGHT FIXTURE, ALIGN W/  
CENTER OF FIXTURE BELOW. RE: RCP FOR  
MOUNTING HEIGHT - SEE L-9 SPEC. BELOW.
- AMBIENT DOWNLIGHT
- MONOPOINT SPOTLIGHT
- TRACK LIGHT MOUNTED TO BOTTOM OF CEILING
- COVE LIGHTING FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- EXHAUST GRILLE
- SUPPLY DIFFUSER
- RETURN GRILLE
- EXHAUST FAN, RE: MECHANICAL
- SPEAKER
- SPRINKLER HEAD
- E = EXISTING TO REMAIN
- D = DEMO
- DR = DEMO TO BE RELOCATED
- R = RELOCATED (NEW LOCATION)
- N = NEW

L-9 PENDANT LIGHT, CENTER ON TELLER TRANS. WINDOW  
MANUFACTURER: BESA LIGHTING  
DESCRIPTION: AMBER PENDANT LIGHT  
MODEL: IT-15180-SNG18 (AMBER) RIVA II 120V STERN  
PENDANT W/ 18 WATT GU-24 LAMP INCLUDED  
MOUNTING HT: REFERENCE DRAWINGS  
G.C. TO PURCHASE FROM:  
CONTACT: ACCUSERY SUPPLY, BUDDY BOCKWEG  
PHONE: (811) 701-1318  
E-MAIL: BBOCKWEG@ACCU-SERV.COM  
NOTES: DON'T INSTALL IN CEILINGS ABOVE 12' AFF. OR  
CEILINGS 8' AFF. OR LOWER

L-10 PENDANT LIGHT, SALES AREA WORK STATIONS  
MANUFACTURER: BESA LIGHTING  
DESCRIPTION: COBALT BLUE PENDANT LIGHT  
MODEL: IT-15181M-SNG18 (COBALT BLUE) RIVA II 120V  
STERN PENDANT W/ 18 WATT GU-24 LAMP INCLUDED  
MOUNTING HT: REFERENCE DRAWINGS  
G.C. TO PURCHASE FROM:  
CONTACT: ACCUSERY SUPPLY, BUDDY BOCKWEG  
PHONE: (811) 701-1318  
E-MAIL: BBOCKWEG@ACCU-SERV.COM  
NOTES: DON'T INSTALL IN CEILINGS ABOVE 12' AFF. OR  
CEILINGS 8' AFF. OR LOWER

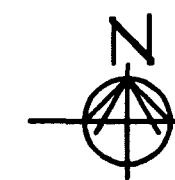
## DEMO RCP GENERAL NOTES

- NOT ALL NOTES, KEY NOTES OR LEGEND  
ITEMS MAY APPLY.
- DIMENSIONS ARE FROM FACE OF FINISH TO  
FACE OF FINISH UNO.
- ALL NEW SUSPENDED CEILING GRID AND  
CEILING TILE TO MATCH EXISTING ADJACENT  
SYSTEM.
- ALL NEW GYP. BD. CEILING AND INFILL  
CEILING TO MATCH ADJACENT SURFACE  
TEXTURE AND FINISH.
- ELECTRICAL CONTRACTOR TO ENSURE  
THAT MODIFIED LAYOUT OF LIGHT FIXTURES  
ARE PLANNED SO ELECTRICAL CAPACITY  
AND ENERGY USE IS CONSISTENT WITH  
EXISTING DESIGN.
- CENTER LIGHT AND MECHANICAL FIXTURES  
WITHIN CEILING TILE TYPICAL, UNO.
- MECHANICAL CONTRACTOR TO MOVE EXISTING  
SUPPLY AND RETURN GRILLS TO AVOID  
INTERFERENCE WITH ANY NEW WALL OR SOFFIT  
LOCATIONS. MECHANICAL SYSTEM SHALL BE  
BALANCED TO ENSURE ANY MINOR  
ADJUSTMENTS TO THE SYSTEM ALLOW FOR  
PROPER CONDITIONING OF SPACE.
- COORDINATE ALL SOFFIT DESIGN AND ACCENT  
LIGHTING POSITION TO COORDINATE WITH  
FURNITURE LAYOUT.
- ALL SECURITY DEVICES INCLUDING CAMERAS,  
MONITORS, ALARMS, ETC. WILL BE DESIGNED  
AND INSTALLED BY THE SECURITY COMPANY  
AND ARE NOT SHOWN ON THESE PLANS, NOR ON  
THE ELECTRICAL PLANS.

- CONTRACTOR TO COORDINATE WITH FIRE  
SPRINKLER & FIRE ALARM DESIGN/BUILD  
CONTRACTORS TO ENSURE ANY MINOR  
MODIFICATIONS ARE ALLOWED BY CODE.  
THESE MINOR MODIFICATIONS ARE ASSUMED  
TO BE A SLIGHT RAISING, LOWERING OR  
REPOSITIONING ONLY.
- REMOVE EXISTING WAMU (FORMER TENANTS')  
RELATED MARKETING ELEMENTS SUCH AS:  
CIRCULAR SOFFIT(S), TRACK LIGHTING,  
SIGNAGE BANNERS AND/OR MARKETING  
DISPLAYS.
- TURN OVER ALL EXISTING PENDANT  
FIXTURES TO FMC FIELD REP.

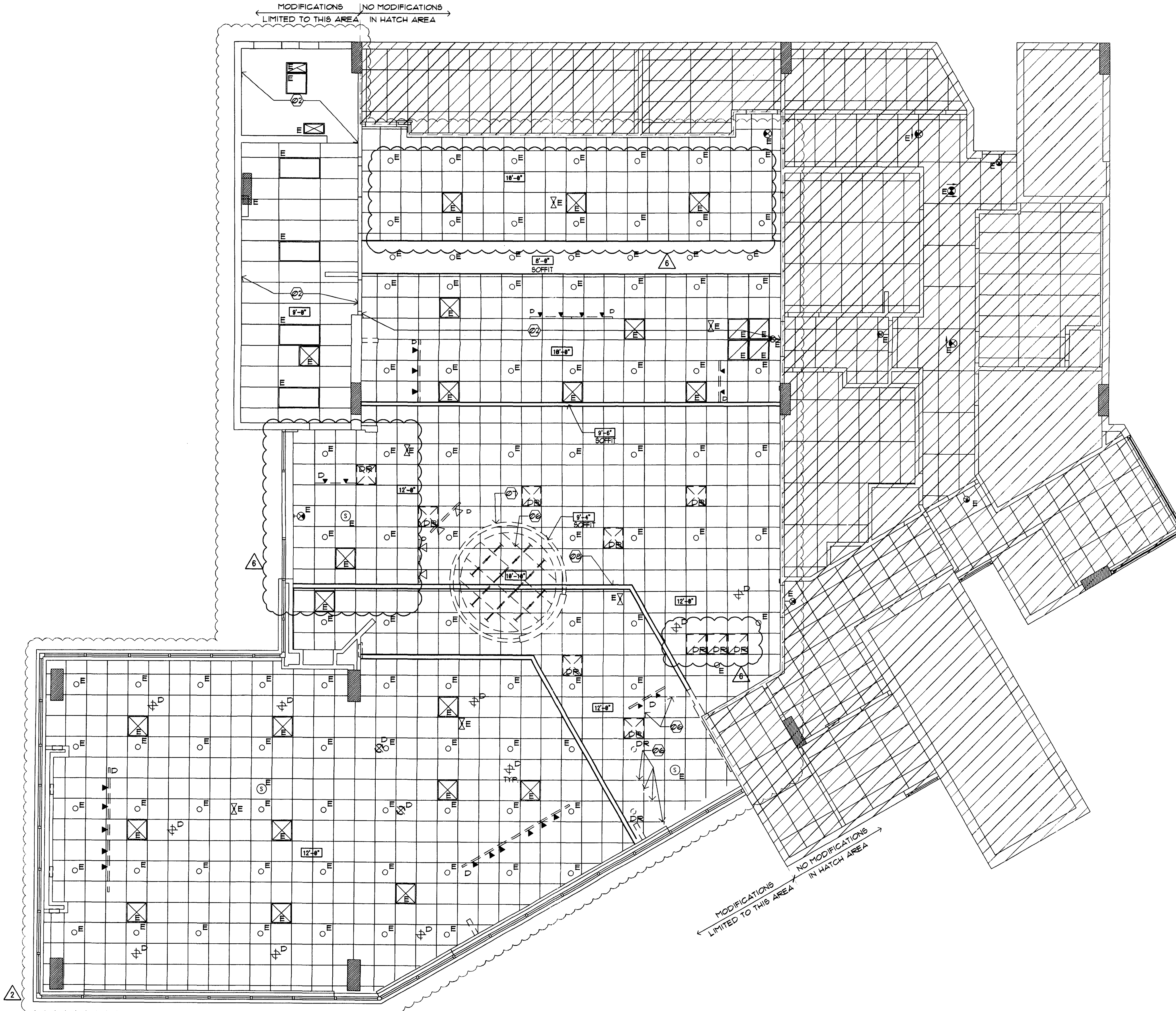
## DEMOLITION CEILING PLAN

SCALE: 3/16"=1'-0"



## DEMO RCP SHEET KEY NOTES

- NOT USED.
- NO CEILING WORK IN THIS AREA.
- NOT USED.
- NOT USED.
- NOT USED.
- PORTION OF EXISTING CEILING/ GRID TO BE REMOVED.
- REMOVE (WAMU RELATED) CIRCULAR SOFFIT & SIGNAGE  
BANNER(S).
- PORTION OF EXISTING SOFFIT TO REMAIN.



# INTERPLAN LLC

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CAB660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124

SEAL:  
*[Signature]*  
DEC 6 7 2009

CONSULTANT:

REVISIONS:  
NO. DATE REMARKS  
2 06-09-09 OWNER REVISIONS  
6 12-03-09 OWNER REVISIONS

**CHASEO**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG 6# 1924 CHASE STORE ID# 1172  
1801 ALTON ROAD  
MIAMI, FL 33139

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 04-30-09

**A1.0A**  
DEMOLITION CEILING  
PLAN

DRAWN BY: *[Signature]*  
CHECKED BY: *[Signature]*

# LEGEND

- GYP. BD. CEILING - NEW  
COLOR:  
5/8" GYP. BD. SHEATHING
- ACOUSTICAL CEILING: ALL AREAS  
MANUFACTURER: ARMSTRONG  
MODEL: ULTIMA OPEN PLAN BEVELED  
COLOR: WHITE  
SIZE: 24" x 24" x 3/4"  
EDGE: BEVELED REGULAR  
GRID: INTERLUDE XL 9/16" EXPOSED TEE  
GRID FINISH: WHITE
- ACOUSTICAL CEILING: ALL AREAS  
MANUFACTURER: ARMSTRONG  
MODEL: ULTIMA OPEN PLAN BEVELED  
COLOR: WHITE  
SIZE: 24" x 24" x 3/4"  
EDGE: BEVELED REGULAR  
GRID: INTERLUDE XL 9/16" EXPOSED TEE  
GRID FINISH: WHITE
- SLEEVES THRU CEILING FOR DATA CABLES
- 2'x4' RECESSED LIGHT FIXTURE IN  
SUSPENDED CEILING SYSTEM.
- 1 X 4 SURFACE MOUNTED FLUORESCENT  
LIGHT FIXTURE.
- FLUORESCENT STRIP LIGHT FIXTURE.
- 2'x2' LAY-IN FLUORESCENT
- LED CANOPY LIGHT
- 4"X4" COMPACT FLUORESCENT DOWN LIGHT
- 4"X4" WALL WASHER
- EXIT SIGN (DIRECTIONAL)
- EXIT SIGN, LOCATE CENTRALLY OVER DOOR(S)
- EMERGENCY LIGHT, MOUNT TO CEILING
- EMERGENCY LIGHT, MOUNT TO WALL
- BLUE PENDANT LIGHT FIXTURE, ALIGN W/  
CENTER OF FIXTURE BELOW. RE: RCP FOR  
MOUNTING HEIGHT - SEE L-10 SPEC. BELOW.
- AMBER PENDANT LIGHT FIXTURE, ALIGN W/  
CENTER OF FIXTURE BELOW. RE: RCP FOR  
MOUNTING HEIGHT - SEE L-9 SPEC. BELOW.
- AMBIENT DOWNLIGHT
- MONOPOINT SPOTLIGHT
- TRACK LIGHT MOUNTED TO BOTTOM OF CEILING
- COVE LIGHTING FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- EXHAUST GRILLE
- SUPPLY DIFFUSER
- RETURN GRILLE
- EXHAUST FAN, RE: MECHANICAL
- SPEAKER
- SPRINKLER HEAD
- E = EXISTING TO REMAIN  
D = DEMO  
DR = DEMO TO BE RELOCATED  
R = RELOCATED (NEW LOCATION)  
N = NEW

**L-9** PENDANT LIGHT, CENTER ON TELLER TRANS. WINDOW  
MANUFACTURER: BESA LIGHTING  
DESCRIPTION: AMBER PENDANT LIGHT  
MODEL: IT-151820-5NG18 (AMBER) RIVA II 120V STERN  
PENDANT W/ 18 WATT GU-24 LAMP INCLUDED  
MOUNTING HT: REFERENCE DRAWINGS  
G.C. TO PURCHASE FROM:  
CONTACT: ACCUSERV SUPPLY, BUDDY BOCKWEG  
PHONE: (811) 101-1318  
E-MAIL: BBOCKWEG@ACCU-SERV.COM  
NOTES: DON'T INSTALL IN CEILINGS ABOVE 12' AFF. OR  
CEILINGS 8' AFF. OR LOWER

**L-10** PENDANT LIGHT, SALES AREA WORK STATIONS  
MANUFACTURER: BESA LIGHTING  
DESCRIPTION: COBALT BLUE PENDANT LIGHT  
MODEL: IT-151821-5NG18 (COBALT BLUE) RIVA II 120V  
STERN PENDANT W/ 18 WATT GU-24 LAMP INCLUDED  
MOUNTING HT: REFERENCE DRAWINGS  
G.C. TO PURCHASE FROM:  
CONTACT: ACCUSERV SUPPLY, BUDDY BOCKWEG  
PHONE: (811) 101-1318  
E-MAIL: BBOCKWEG@ACCU-SERV.COM  
NOTES: DON'T INSTALL IN CEILINGS ABOVE 12' AFF. OR  
CEILINGS 8' AFF. OR LOWER

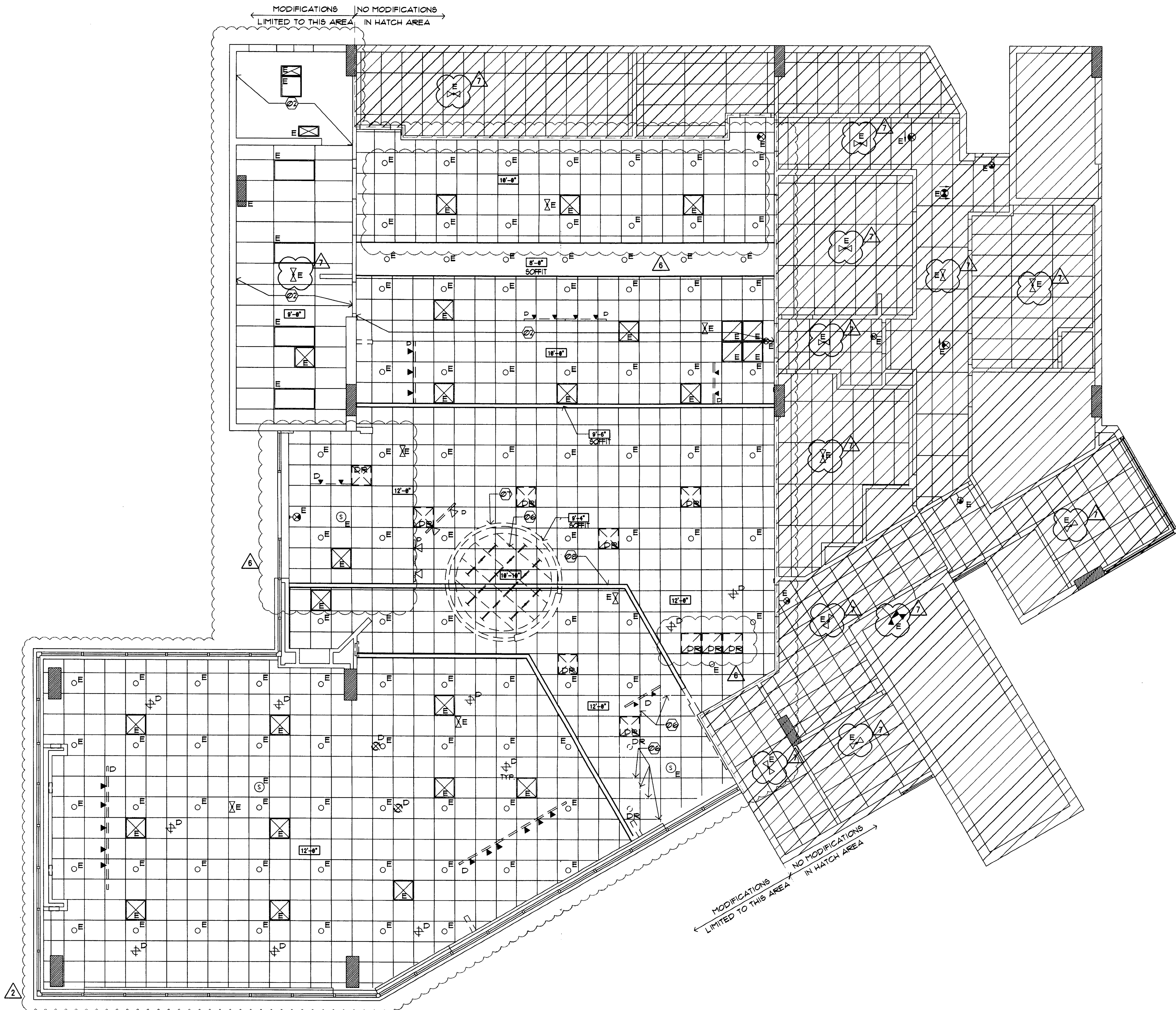
## DEMO RCP GENERAL NOTES

- NOT ALL NOTES, KEY NOTES OR LEGEND  
ITEMS MAY APPLY.
- DIMENSIONS ARE FROM FACE OF FINISH TO  
FACE OF FINISH UNO.
- ALL NEW SUSPENDED CEILING GRID AND  
CEILING TILE TO MATCH EXISTING ADJACENT  
SYSTEM.
- ALL NEW GYP. BD. CEILING AND INFILL  
CEILING TO MATCH ADJACENT SURFACE  
TEXTURE AND FINISH.
- ELECTRICAL CONTRACTOR TO ENSURE  
THAT MODIFIED LAYOUT OF LIGHT FIXTURES  
ARE PLANNED SO ELECTRICAL CAPACITY  
AND ENERGY USE IS CONSISTENT WITH  
EXISTING DESIGN.
- CENTER LIGHT AND MECHANICAL FIXTURES  
WITHIN CEILING TILE TYPICAL, UNO.
- MECHANICAL CONTRACTOR TO MOVE EXISTING  
SUPPLY AND RETURN GRILLS TO AVOID  
INTERFERENCE WITH ANY NEW WALL OR SOFFIT  
LOCATIONS. MECHANICAL SYSTEM SHALL BE  
BALANCED TO ENSURE ANY MINOR  
ADJUSTMENTS TO THE SYSTEM ALLOW FOR  
PROPER CONDITIONING OF SPACE.
- COORDINATE ALL SOFFIT DESIGN AND ACCENT  
LIGHTING POSITION TO COORDINATE WITH  
FURNITURE LAYOUT.
- ALL SECURITY DEVICES INCLUDING CAMERAS,  
MONITORS, ALARMS, ETC. WILL BE DESIGNED  
AND INSTALLED BY THE SECURITY COMPANY  
AND ARE NOT SHOWN ON THESE PLANS, NOR ON  
THE ELECTRICAL PLANS.

- CONTRACTOR TO COORDINATE WITH FIRE  
SPRINKLER & FIRE ALARM DESIGN/BUILD  
CONTRACTORS TO ENSURE ANY MINOR  
MODIFICATIONS ARE ALLOWED BY CODE.  
THESE MINOR MODIFICATIONS ARE ASSUMED  
TO BE A SLIGHT RAISING, LOWERING OR  
REPOSITIONING ONLY.
- REMOVE EXISTING WAMU (FORMER TENANTS')  
RELATED MARKETING ELEMENTS SUCH AS:  
CIRCULAR SOFFIT(S), TRACK LIGHTING,  
SIGNAGE BANNERS AND/OR MARKETING  
DISPLAYS.
- TURN OVER ALL EXISTING PENDANT  
FIXTURES TO PMC FIELD REP.

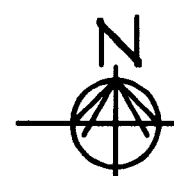
## DEMO RCP SHEET KEY NOTES

- NOT USED.
- NO CEILING WORK IN THIS AREA.
- NOT USED.
- NOT USED.
- NOT USED.
- PORTION OF EXISTING CEILING/ GRID TO BE REMOVED.
- REMOVE (WAMU RELATED) CIRCULAR SOFFIT & SIGNAGE  
BANNER(S).
- PORTION OF EXISTING SOFFIT TO REMAIN.



## 1 DEMOLITION CEILING PLAN

SCALE: 3/16"=1'-0"



## INTERPLAN LLC

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA8660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124

SEAL:

*Harvey Jacoby*

HARVEY JACOBY  
M.A.P. 2, 2, 2010

CONSULTANT:

REVISIONS:

| NO. | DATE     | REMARKS         |
|-----|----------|-----------------|
| 2   | 05-09-09 | OWNER REVISIONS |
| 6   | 12-03-09 | OWNER REVISIONS |
| 7   | 03-22-18 | PERMIT COMMENTS |

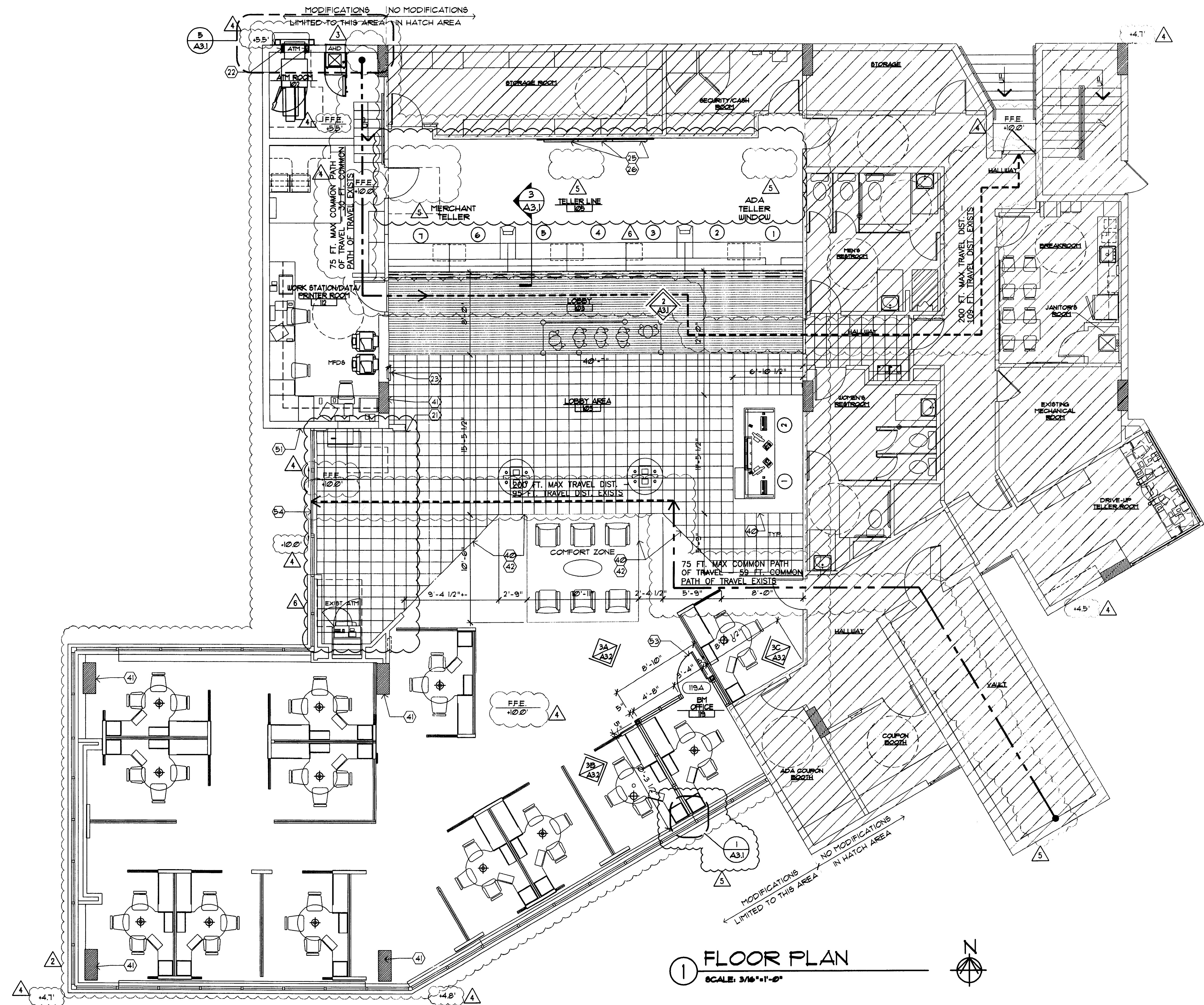
**CHASE**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG D# 1924 CHASE STORE D# 1742  
1801 ALTON ROAD  
MIAMI, FL 33139

COPYRIGHT © 2007  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 04-30-09

**A1.0A**  
DEMOLITION CEILING  
PLAN

DRAWN BY:  
CHECKED BY: *LRM/DOB*



**1 FLOOR PLAN**  
SCALE: 3/16\"=1'-0\"

| SYMBOL LEGEND                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FLOOR PLAN GENERAL NOTES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLOOR PLAN SHEET KEY NOTES                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>⑥ SHEET KEY NOTE</p> <p>101A DOOR SYMBOL (NEW OR MODIFIED)</p> <p>A WINDOW SYMBOL (NEW OR MODIFIED)</p> <p>B.E. BANK EQUIPMENT SUPPLIED AND INSTALLED BY BANK EQUIPMENT CONTRACTOR (N.I.C.). REQUIRED OPENINGS, ELEC POWER, AND CAULKING BY GENERAL CONTR.</p> <p>O.E. OFFICE EQUIPMENT SUPPLIED AND INSTALLED BY CHASE BANK.</p> <p>A WALL TYPE SYMBOL - SEE SHEET A3.0</p> <p>ELEVATION SYMBOL<br/>ELEVATION NUMBER<br/>SHEET NUMBER</p> | <p>1. DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH UNLESS OTHERWISE NOTED</p> <p>2. ALL NEW WALL INFILL AREAS TO MATCH ADJACENT EXISTING WALL IN CONSTRUCTION AND GYP. BD. FINISH</p> <p>3. DOOR MARK 101A RE: SHEET A3.0</p> <p>4. PROVIDE ADEQUATE WOOD BLOCKING AT ANCHORAGE FOR ALL COUNTERTOPS, SHELVING, CABINETS, ETC. ANCHORAGE THROUGH GYP. BD. ONLY IS NOT ACCEPTABLE.</p> <p>5. PROVIDE FIRE EXTINGUISHERS PER CODE. CONFIRM WITH FIRE DEPARTMENT PRIOR TO INSTALLATION</p> <p>6. DOOR FRAMES LOCATED 3\" FROM ADJACENT FINISHED WALL UNLESS OTHERWISE NOTED (UNO)</p> <p>7. ENSURE ALL NEW AND OLD WALLS SURROUNDING VESTIBULE EXTEND TO DECK ABOVE (WITH SLIP JOINT DETAILING AT TOP OF WALL).</p> | <p>8. X-RAY CONCRETE SLAB PRIOR TO ANY PENETRATIONS, CUTTING OR REMOVAL OF CONCRETE SLAB TO ENSURE THAT THE STRUCTURAL INTEGRITY SHALL NOT BE COMPROMISED, UNLESS EXISTING STRUCTURAL PLANS CAN BE OBTAINED TO ENSURE SUCH.</p> <p>9. FURNITURE SHOWN FOR REFERENCE ONLY, RE: FURNITURE PLANS FOR SPECIFIC INFORMATION.</p> <p>10. NOT ALL NOTES, KEYNOTES AND/OR LEGEND ITEMS APPLY.</p> <p>11. EXISTING FIRE EXTINGUISHER TO BE RELOCATED PER FIRE DEPARTMENT REQUIREMENTS</p> <p>12. EXISTING TENANT DEMISING WALL. IF TENANT DEMISING WALL IS DAMAGED DURING CONSTRUCTION OR THE FIRE RATING OF THE WALL IS COMPROMISED, THE CONTRACTOR IS RESPONSIBLE TO REPAIR THE WALL USING MATERIALS REQUIRED TO MAINTAIN THE EXISTING FIRE RATING OF THE WALL.</p> | <p><b>WALLS</b></p> <p>20 NEW WALLS &amp; WALL INFILL TO BE CONSTRUCTED OF STUDS TO MATCH EXISTING. GYP. BD. THICKNESS/TYPE TO MATCH EXISTING GYP. BD. TYP. (5/8\" GYP. BD. ASSUMED). FIELD VERIFY.</p> <p>21 ALIGN NEW WALL OR PARTITION WITH FACE OF EXISTING WALL.</p> <p>22 INFILL OPENING IN EXTERIOR WALL WITH MATERIALS TO MATCH EXISTING ADJACENT MATERIALS EXTERIOR AND INTERIOR. ALL INFILL AREAS TO RECEIVE INSULATION, FIRE RATING AND MOISTURE PROTECTION CONSISTENT WITH EXISTING. PROPERLY CAULK AND SEAL ALL PENETRATIONS.</p> <p>23 NEW LOCATION FOR EXISTING FIRE EXTINGUISHER OR PER FIRE DEPARTMENT'S DIRECTION.</p> <p>24 NOT USED.</p> <p>25 MARKETING FIXTURE. SEE TELLER LINE ELEVATION.</p> | <p><b>FLOORS</b></p> <p>26 PROVIDE FLYWOOD BACKER FOR TV BRACKET INSTALLATION. SEE DETAIL 5/A3.2.</p> <p>27 NOT USED.</p> <p><b>FLOORS</b></p> <p>28 RE: TRANSITION DETAILS FOR APPROPRIATE FLOORING TRANSITION DETAIL, SHEET 2/A1.2</p> <p>29 EXISTING COLUMN TO REMAIN.</p> <p>30 PATCH AND REPAIR EXPOSED PORTIONS OF EXISTING FLOOR TO NEW FINISH TO MATCH EXISTING.</p> | <p><b>OPENINGS</b></p> <p>31 ADA POWER ASSIST ACTIVATION BUTTON TO REMAIN IF EXISTING. G.C. TO VERIFY OPERATIONAL.</p> <p>32 CARD READER AT EXTERIOR ENTRY DOORS TO REMAIN IF EXISTING. SECURITY VENDOR TO COORDINATE.</p> <p>33 NOT USED.</p> <p>34 DOOR AND HOLLOW METAL FRAME, RE: ELEVATIONS SHEET A3.0 &amp; SHEET A1.2 FOR COLOR</p> <p>35 G.C. TO PROVIDE NEW TINTING FILM ON EXISTING EXTERIOR DOORS TO MATCH EXISTING WHERE WAMU MERCHANDISING REMOVED.</p> <p>36 (NOT USED)</p> |

## CHASE FINISH LEGEND

NEW MILLWORK BY G.C. - SEE DETAILS ON SHEETS A3.02 & A3.2

PT-1 LOCATION: INTERIOR WALLS, DOORS AND FRAMES EXCEPT AS NOTED  
MANUFACTURER: BENJAMIN MOORE  
COLOR: AC-5 "SPRINGFIELD TAN"  
DESCRIPTION: AURA WATERBORNE INTERIOR PAINT, EGGSHELL FINISH 524, SATIN FINISH 526  
FINISH: EGGSHELL FOR WALLS, SATIN FOR DOORS AND FRAMES

PT-2 LOCATION: INTERIOR ACCENT WALL BEHIND TELLER LINE  
MANUFACTURER: BENJAMIN MOORE  
COLOR: TO MATCH SHERWIN WILLIAMS SW-6356 "COPPER MOUNTAIN"  
DESCRIPTION: AURA WATERBORNE INTERIOR PAINT, EGGSHELL FINISH 524  
FINISH: EGGSHELL

PT-4 LOCATION: INTERIOR ACCENT PAINT USED WITH WALL COVERING  
MANUFACTURER: BENJAMIN MOORE  
COLOR: HC-811 "OLD GLORY" (CHASE ACCENT BLUE)  
DESCRIPTION: AURA WATERBORNE INTERIOR PAINT, EGGSHELL FINISH 524  
FINISH: EGGSHELL

PT-5 LOCATION: INTERIOR DRYWALL CEILING  
MANUFACTURER: BENJAMIN MOORE  
COLOR: NTRM READY MADE "SUPERWHITE"  
DESCRIPTION: AURA WATERBORNE INTERIOR PAINT, EGGSHELL FINISH 524  
FINISH: EGGSHELL

PT-7 LOCATION: INTERIOR WALL FINISH (ENTRY VESTIBULE)  
MANUFACTURER: BENJAMIN MOORE  
COLOR: TO MATCH SHERWIN WILLIAMS SW-1045 (INTELLECTUAL GRAY)  
DESCRIPTION: AURA WATERBORNE INTERIOR PAINT, EGGSHELL FINISH 524  
FINISH: EGGSHELL

PT-8 LOCATION: WALLS, DOORS, FRAMES TO MATCH PL-2 PANELS  
MANUFACTURER: BENJAMIN MOORE  
COLOR: 2098-10 (BARREL BROWN)  
DESCRIPTION: AURA WATERBORNE INTERIOR PAINT, EGGSHELL FINISH 524, SATIN FINISH 526  
FINISH: EGGSHELL FOR WALLS SATIN FOR DOORS & FRAMES

PT-9 LOCATION: EXISTING CROWN MOLDING (HISTORIC LOCATIONS)  
MANUFACTURER: BENJAMIN MOORE  
COLOR: NTRM READY MIXED COLORS (WHITE DOVE 1-06)  
DESCRIPTION: AURA WATERBORNE INTERIOR PAINT, EGGSHELL FINISH 524  
FINISH: EGGSHELL

WC-1 WALL COVERING: SELECT WALL SURFACES (SEE PLAN)  
MANUFACTURE: DL COUCH  
PRODUCT NUMBER: CB8P-04  
PATTERN: CUSTOM CHASE SILK SCREEN W/ 48" PATTERN REPEAT

WC-2 WALL COVERING: SOFFIT SURFACES ABOVE TELLER LINES  
MANUFACTURE: DL COUCH  
PRODUCT NUMBER: CBOR-02  
PATTERN: CUSTOM CHASE SILK SCREEN W/ 24" ROLL - 3 ROW PATTERN REPEAT. ALIGN WALL COVERING WITH BOTTOM OF SOFFIT AND CONTINUE APPLICATION UPWARDS. TRIM AT TOP. NOTE: DO NOT TRIM EVENLY FROM BOTH SIDES

PL-1 HORIZONTAL LAMINATE: MILLWORK WORK SURFACES, HORIZONTAL SURFACES AT TELLER LINE OR CUSTOMER SERVICE CENTER  
MANUFACTURE: WILSONART  
PRODUCT NUMBER: 4882-38  
STYLE: OILED 604P8TONE  
FINISH: TEXTURED

PL-2 WOOD VERTICAL LAMINATE: RETROFIT TELLER LINES, SALES OFFICE WALLS (PRESTIGE LOCATIONS UNLESS EXCEPTION), ENTRY OCTAGON WALLS, BGW SURROUND  
MANUFACTURE: WILSONART  
PRODUCT NUMBER: 1935-01  
STYLE: SHAKER CHERRY  
FINISH: TEXTURED  
SIZE: SEE REAL ESTATE SPECIFICATIONS

NOTE: INSTALL WITH GRAIN RUNNING VERTICALLY.  
RETROFIT LOCATIONS SHOULD MATCH DOMINANT WOOD FINISH EXISTING IN BRANCH. CONSULT BRANCH EXPERIENCE TEAM FOR SIGN OFF ON FINISHES RECOMMENDED OTHER THAN SHAKER CHERRY

WT-1 MOTORIZED WINDOW SHADES  
MANUFACTURER: INSIDE OUTFITTERS  
MODEL NUMBER: STYLE 3000, VOI  
COLOR: PALE GREY  
SIZE: SEAMLESS UP TO 98" WIDE  
OPENNESS FACTOR: 15%

NOTES: IF BRANCH HAS EXISTING AWNINGS, MUST RECEIVE PRIOR DRC APPROVAL  
• VENDOR TO CONDUCT SITE SURVEY FOR ALL NON-NEW BUILD SITES AND PROVIDE RE OR GENERAL CONTRACTOR SURVEY RESULTS INDICATING WHERE TO PLACE POWER  
• RE TO PROVIDE APPROPRIATE POWER TO EACH WINDOW ACCORDING TO SITE SURVEY FROM INSIDE OUTFITTERS  
• EACH BANK OF WINDOWS WILL BE CONTROLLED BY A BATTERY OPERATED REMOTE CONTROL UNIT THAT WILL BE PLACED IN THE BRANCH MANAGERS OFFICE (BREAK ROOM SHADES ARE MANUAL)  
• SHADES WILL BE PROGRAMMED WITH PRE SET UPPER AND LOWER STOPPING POINTS SO ALL SHADES WILL GO UP AND DOWN AT THE SAME TIME TO THE SAME STOPPING POINT (THE LOWEST SHADE CAN GO 4' FROM THE FLOOR)

WB-1 WALL BASE: TYPICAL ALL WALLS  
MANUFACTURER: JOHNSONITE FLOORING  
STYLE: "TIGHT LOCK" RESILIENT WALL BASE  
COLOR: 449 "BLACK"  
COMMENTS: MATCH WALL BASE TO FURNITURE FRAME  
COLOR VERIFY WITH CHASE FM  
SIZE: 4" SLIM LINE HEIGHT

CPT-1 CARPET: CARPETED AREAS EXCEPT AS NOTED  
MANUFACTURER: INTERFACE  
NAME: MEDITATIONS  
PRODUCT: I67102500  
COLOR: MOCHA 115012  
CONSTRUCTION: BROADLOOM / 50 CM TILE  
BACKING: GLASSBAC  
SIZE TILE: 50 CM TILE  
NOTE: INSTALL TILES NON-DIRECTIONAL

CPT-2 RECYCLED TIRE TILE: AT ENTRANCE VESTIBULES  
MANUFACTURER: MATS, INC.  
DESCRIPTION: RECYCLED RUBBER TIRE STRIPS  
SIZE: 12" x 12" x 3/8"  
NOTE: INSTALL IN RUNNING BOND PATTERN NOT QUARTER TURN

CPT-3 CARPET: FLOATING COMFORT ZONE ONLY  
MANUFACTURER: INTERFACE  
NAME: TO SCALE  
PRODUCT: I465102500  
COLOR: T164 CONTOUR  
CARPET TYPE: 50 CM TILE  
BACKING: GLASSBAC  
INSTALLATION: NON-DIRECTIONAL

CPT-4 TELLER AREA - SAME AS CARPET CPT-1 BUT APPLIED TO INTERFACE 8  
ANTI-FATIGUE CUSHION (CUSHIONBAC PLUS)  
PRODUCT: I67102504

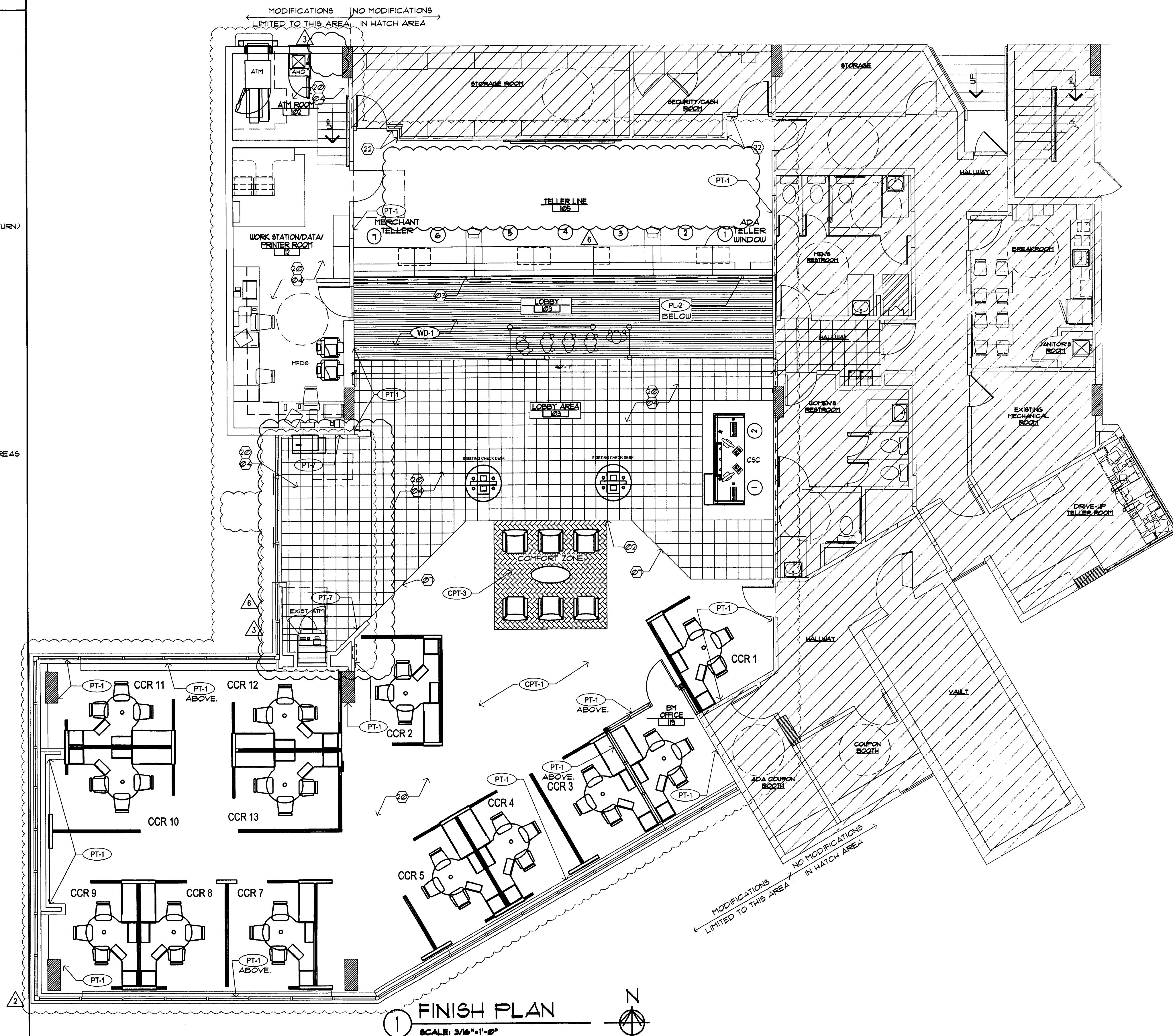
WD-1 WOOD FLOORING: AT TELLER LINE  
MANUFACTURER: GAMMAPAR  
WOOD SPECIES: MAPLE  
COLOR: CUSTOM WALNUT MEDIUM SPICE  
FINISH: PEDESTRIAN URETHANE  
SIZE: 4" WIDE X RANDOM LENGTHS (12'-41")  
ADHESIVE: NYDREE UP-28  
LAY PATTERN PARALLEL TO TELLER LINE

CT-1 CERAMIC TILE: HIGH TRAFFIC TELLER AND ENTRY AREAS  
MANUFACTURER: MARAZZI TILE  
STYLE: SIERRA MADRE  
COLOR: SONORA  
GROUT: CUSTOM BUILDING PRODUCTS 101 QUARTZ POLYBLEND SANDED, GROUT WIDTH: 1/8"  
SIZE: 18" x 18" x 3/8" TILES  
(FOR WAMU ONLY WHEN 15% OR MORE NEEDS REPLACED)

GR-1 WALK OFF GRATE: AT ENTRANCE VESTIBULES  
MANUFACTURER: NUWAY  
STYLE: REVERSIBLE FOOT GRILLE (CLOSED CONSTRUCTION)  
SIZE: 6' x 6' FOR ALL WAMU CONVERSIONS  
FINISH: ALUMINUM  
FRAME: SCHLUTER  
COLOR: CHARCOAL WIPER STRIPS  
(INSTALL WITH WIPER STRIPS PARALLEL WITH ENTRANCE DOORS WALL)

WT-2 WINDOW SHEERS  
MANUFACTURER: DESIGN TEX  
MODEL NUMBER: SILKIS 219/007161  
COLOR: NATURAL  
SIZE: 118" NO PATTERN REPEAT  
INSTALL: SHEERS TO BE INSTALLED BY VENDOR  
NOTES: • IF BRANCH HAS EXTERIOR AWNINGS, MUST RECEIVE PRIOR DRC APPROVAL  
• IF BRANCH HAS AN ILLUMINATED INTERIOR SOFFIT INSTALLED IN THE WINDOWS, SHEERS SHOULD BE INSTALLED BEHIND  
• SHIP TO A LOCAL DRAPERY FABRICATOR  
• DRAPERY SHOULD BE FABRICATED AT A 2 TO 1 FULLNESS, PINCH-PLEATED AND INSTALLED ON A TRAVERSE ROD

PER IFBC 2001, NFPA 101-LIFE SAFETY CODE, SECTION 303.3.2.2 INTERIOR WALL AND CEILING FINISHES IN BUSINESS OCCUPANCIES STATES:  
303.3.2.2 INTERIOR WALL AND CEILING FINISH MATERIAL COMPLYING WITH SECTION 102 SHALL BE CLASS A OR CLASS B IN EXITS AND IN EXIT ACCESS CORRIDORS.  
303.3.2.2 INTERIOR WALL AND CEILING FINISHES SHALL BE CLASS A, CLASS B, OR CLASS C IN AREAS OTHER THAN THOSE SPECIFIED IN 303.3.2.1  
THE GC SHALL CONSIDER THESE FINISH CLASSES AS MINIMUM REQUIREMENTS WHEN PROVIDING NEW FINISHES.



## SYMBOL LEGEND

- ② SHEET KEY NOTE  
②1A DOOR SYMBOL (NEW OR MODIFIED)  
A WINDOW SYMBOL (NEW OR MODIFIED)  
B.E. BANK EQUIPMENT SUPPLIED AND INSTALLED BY BANK EQUIPMENT CONTRACTOR (N.C.) - REQUIRED OPENINGS, ELEC POWER, AND CAULKING BY GENERAL CONTR.  
O.E. OFFICE EQUIPMENT SUPPLIED AND INSTALLED BY CHASE BANK.

## FINISH GENERAL NOTES

- EXISTING FINISHES SCHEDULED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION
- POSITION COMFORT ZONE AT TILE GROUT LINES
- NOT USED.
- CONTRACTOR TO FEATHER FLOOR SURFACE AT TRANSITION OF FLOOR MATERIALS DIFFERING IN THICKNESS TO ELIMINATE TOE TRIP.
- NEW PAINT TO EXTEND FULL SURFACE STOPPING ONLY AT CHANGE OF MATERIALS AND OR CORNERS
- NEW WOOD FLOORING AT TELLER AREA TO EXTEND FULL LENGTH OF TELLER COUNTER
- MATCH EXISTING TRANSITIONS WHERE MATCHING EXISTING FLOORING.
- PAINT AND WALLCOVERING TO MATCH CHASE STANDARDS.
- PATCH AND REPAIR EXPOSED PORTIONS OF EXISTING FLOOR TO RECEIVE NEW FINISH.
- PROPERLY CLEAN SUBSTRATE TO RECEIVE NEW FINISHES.

## FINISH KEY NOTES

- | FLOOR                                                                                                                    | WALL                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| ② ALIGN FLOOR MATERIAL EDGE WITH WALL                                                                                    | ② EXISTING WALL/ BASE FINISH TO REMAIN.                                                                          |
| ② ALIGN COMFORT ZONE WITH GROUT LINES                                                                                    | ② NOT USED.                                                                                                      |
| ② WOOD FLOORING TO EXTEND 1" BACK FROM OUTER EDGE OF TELLER LINE COUNTER PER DETAIL 3/A31                                | ② PAINT THIS WALL ONLY, CORNER TO CORNER WITH PT-1                                                               |
| ② EXISTING FLOORING TO REMAIN AS IS.                                                                                     | ② PAINT/ TOUCH-UP WALL FINISH TO MATCH EXISTING AS REQUIRED. INFILL EXISTING BASE AS REQUIRED TO MATCH EXISTING. |
| ② NOT USED.                                                                                                              | ② NOT USED.                                                                                                      |
| ② EXISTING FLOORING TO BE PATCHED/ INFILLED TO MATCH EXISTING AS REQUIRED.                                               | ② NOT USED.                                                                                                      |
| ② FEATHER CONCRETE FLOOR AS REQUIRED FOR LEVEL TRANSITION BETWEEN WALK-OFF GRATE (GR-1) AND RECYCLED RUBBER TILE (CPT-2) | ② NOT USED.                                                                                                      |

## INTERPLAN

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA8660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124

SEAL:

Hany J

HARRY JACOB  
DEC 6 7 2009

CONSULTANT:

## REVISIONS:

| NO. | DATE     | REMARKS         |
|-----|----------|-----------------|
| 2   | 06-09-09 | OWNER REVISIONS |
| 3   | 06-30-09 | OWNER REVISIONS |
| 6   | 12-03-09 | OWNER REVISIONS |

**CHASE**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG ID# 1924 CHASE STORE ID# 712  
1801 ALTON ROAD  
MIAMI, FL 33139

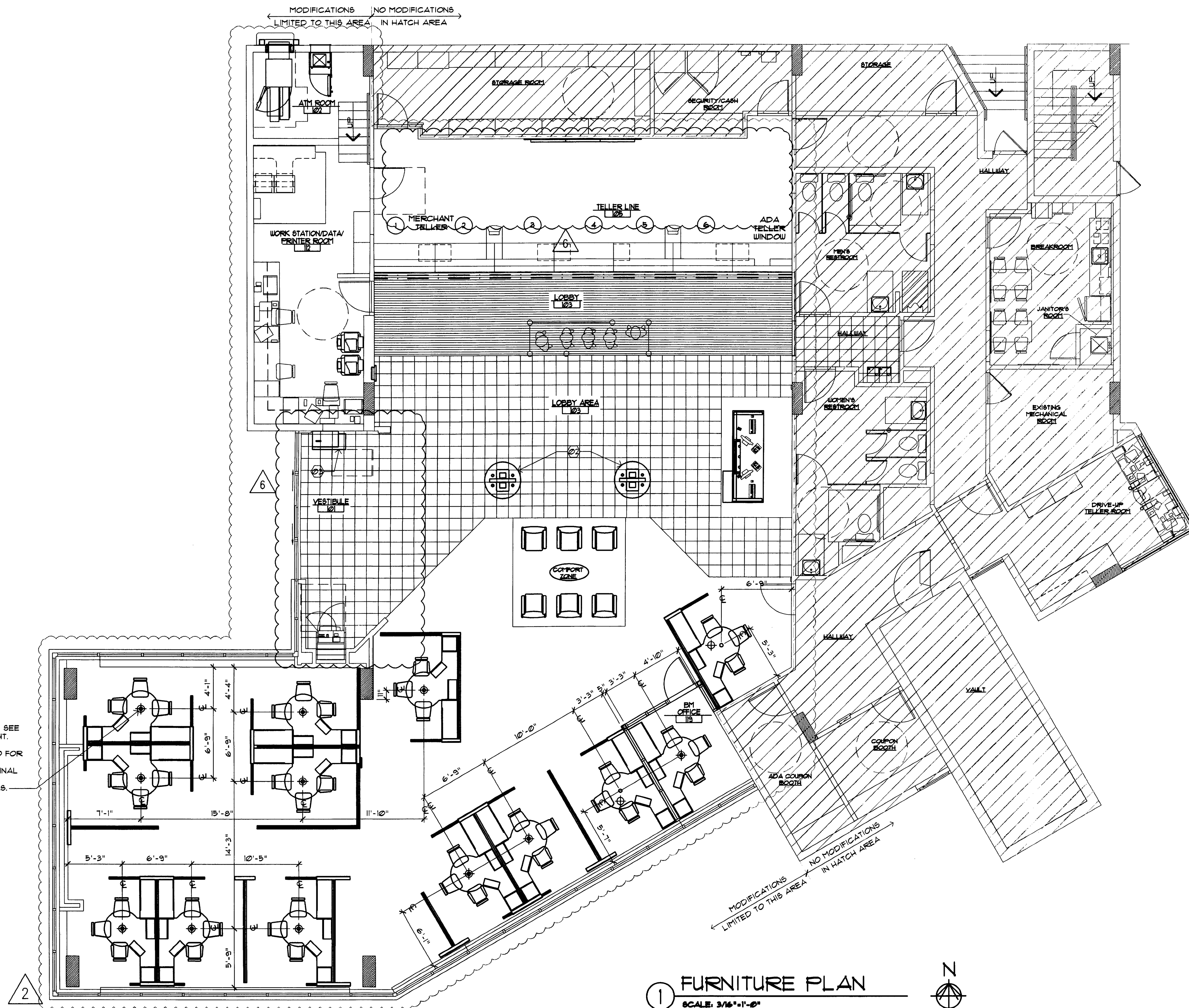
COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 04-30-09

**A1.2**  
FINISH PLAN

DRAWN BY: *WJ*  
CHECKED BY: *WJ*

PENDANT LIGHT FIXTURE. SEE  
SECTION 4/A31 FOR HEIGHT.  
REFERENCE REFLECTED  
CEILING PLAN SHEET A2.0 FOR  
ADDITIONAL FIXTURE  
INFORMATION. CONFIRM FINAL  
PLACEMENT WITH ACTUAL  
FURNITURE VENDOR PLANS.



### SYMBOL LEGEND

- (S) SHEET KEY NOTE
- (12/A) DOOR SYMBOL (NEW OR MODIFIED)
- (A) WINDOW SYMBOL (NEW OR MODIFIED)
- B.E. BANK EQUIPMENT SUPPLIED AND INSTALLED BY BANK EQUIPMENT CONTRACTOR (N.I.C.), REQUIRED OPENINGS, ELEC POWER, AND CAULKING BY GENERAL CONTR.
- O.E. OFFICE EQUIPMENT SUPPLIED AND INSTALLED BY CHASE BANK.

### FURNITURE GENERAL NOTES

- FURNITURE AND PANEL VENDORS ARE RESPONSIBLE FOR INVENTORY OF EXISTING AND TAGGING OF NEW FURNITURE AND PANELS AS SHOWN ON PLAN.
- FURNITURE VENDOR IS COORDINATED BY PMC
- PANEL VENDOR IS COORDINATED BY PMC
- FURNITURE AND PANEL VENDORS SHALL PROVIDE PRODUCT TAGGING AND INFO REGARDING REUSE OF ANY EXISTING PRODUCT.
- FURNITURE AND PANELS TO BE INSTALLED TO ALLOW APPROPRIATE ADA ACCESS AND CLEARANCES.
- FURNITURE PLAN IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. ACTUAL FURNITURE AND PANEL VENDOR PLANS SHALL GOVERN.
- EXISTING WAMU END MERCHANDISING AT WORKSTATIONS TO BE REMOVED AND HOLES PLUGGED BY FURNITURE VENDOR, TYPICAL.

### FURNITURE KEY NOTES

- (S) NOT USED
- (S) RELOCATED CHECK DESK
- (S) NEW CHECK DESK

2



|  |                                                                                                                                                                                                                                                                                                             |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | GYP. BD., CEILING - NEW COLOR;<br>5/8" GYP. BD. SHEATHING                                                                                                                                                                                                                                                   |
|  | ACOUSTICAL CEILING; ALL AREAS<br>MANUFACTURER: ARMSTRONG<br>MODEL: ULTIMA OPEN PLAN BEVELED<br>COLOR: WHITE<br>SIZE: 24" x 24" x 3/4"<br>EDGE: BEVELED TEGULAR<br>GRID: INTERLUDE XL 9/16"<br>EXPOSED TEE<br>GRID FINISH: WHITE<br>NOTE: TYP. IS TO MATCH<br>EXISTING (USE IF MORE THAN 50% BEING REPLACED) |
|  | ACOUSTICAL CEILING; ALL AREAS<br>MANUFACTURER: ARMSTRONG<br>MODEL: ULTIMA OPEN PLAN BEVELED<br>COLOR: WHITE<br>SIZE: 24" x 48" x 3/4"<br>EDGE: BEVELED TEGULAR<br>GRID: INTERLUDE XL 9/16"<br>EXPOSED TEE<br>GRID FINISH: WHITE<br>NOTE: TYP. IS TO MATCH<br>EXISTING (USE IF MORE THAN 50% BEING REPLACED) |
|  | SLEEVES THRU CEILING FOR DATA CABLES                                                                                                                                                                                                                                                                        |
|  | 2'x4' RECESSED LIGHT FIXTURE IN SUSPENDED CEILING SYSTEM                                                                                                                                                                                                                                                    |
|  | 1 X 4 SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE.                                                                                                                                                                                                                                                            |
|  | FLUORESCENT STRIP LIGHT FIXTURE.                                                                                                                                                                                                                                                                            |
|  | 2'x2' LAY-IN FLUORESCENT                                                                                                                                                                                                                                                                                    |
|  | LED CANOPY LIGHT                                                                                                                                                                                                                                                                                            |
|  | 4'x4' COMPACT FLUORESCENT DOWN LIGHT                                                                                                                                                                                                                                                                        |
|  | 4'x4' WALL WASHER                                                                                                                                                                                                                                                                                           |
|  | EXIT SIGN (DIRECTIONAL)                                                                                                                                                                                                                                                                                     |
|  | EXIT SIGN, LOCATE CENTRALLY OVER DOOR(S)                                                                                                                                                                                                                                                                    |
|  | EMERGENCY LIGHT, MOUNT TO CEILING                                                                                                                                                                                                                                                                           |
|  | BLUE PENDANT LIGHT FIXTURE, ALIGN W/ CENTER OF FIXTURE BELOW, RE: RCP FOR MOUNTING HEIGHT - SEE L-10 SPEC. BELOW.                                                                                                                                                                                           |
|  | AMBER PENDANT LIGHT FIXTURE, ALIGN W/ CENTER OF FIXTURE BELOW, RE: RCP FOR MOUNTING HEIGHT - SEE L-9 SPEC. BELOW.                                                                                                                                                                                           |
|  | AMBIENT DOWNLIGHT                                                                                                                                                                                                                                                                                           |
|  | MONOPOINT SPOTLIGHT                                                                                                                                                                                                                                                                                         |
|  | TRACK LIGHT MOUNTED TO BOTTOM OF CEILING                                                                                                                                                                                                                                                                    |
|  | COVE LIGHTING FIXTURE                                                                                                                                                                                                                                                                                       |
|  | SURFACE MOUNTED LIGHT FIXTURE                                                                                                                                                                                                                                                                               |
|  | EXHAUST GRILLE                                                                                                                                                                                                                                                                                              |
|  | SUPPLY DIFFUSER                                                                                                                                                                                                                                                                                             |
|  | RETURN GRILLE                                                                                                                                                                                                                                                                                               |
|  | EXHAUST FAN, RE: MECHANICAL                                                                                                                                                                                                                                                                                 |
|  | SPEAKER                                                                                                                                                                                                                                                                                                     |
|  | SPRINKLER HEAD                                                                                                                                                                                                                                                                                              |
|  | EXISTING TO REMAIN                                                                                                                                                                                                                                                                                          |
|  | DEMO                                                                                                                                                                                                                                                                                                        |
|  | DEMO TO BE RELOCATED                                                                                                                                                                                                                                                                                        |
|  | RELOCATED (NEW LOCATION)                                                                                                                                                                                                                                                                                    |
|  | NEW                                                                                                                                                                                                                                                                                                         |

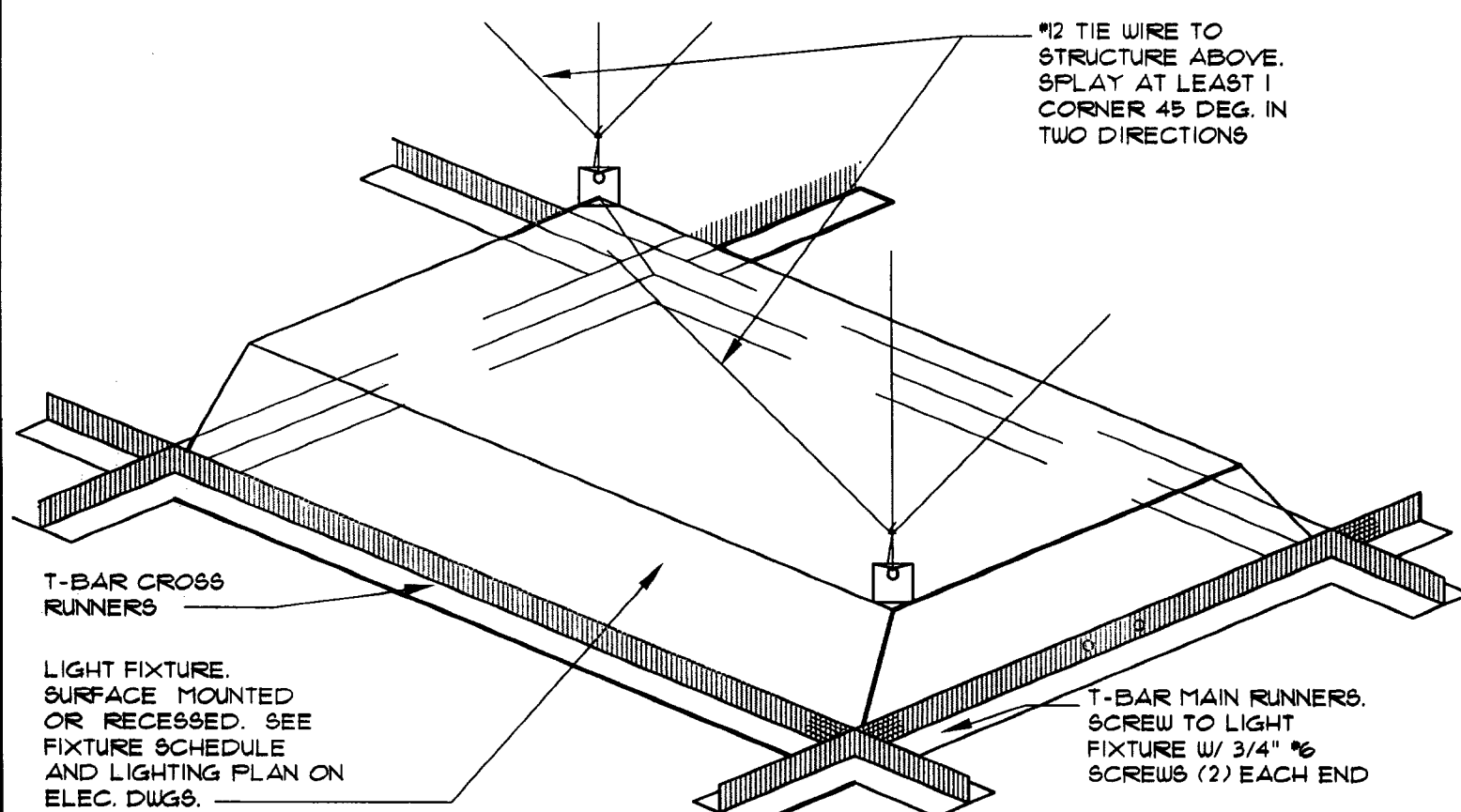
(L-10)  PENDANT LIGHT, SALES AREA WORK STATIONS  
MANUFACTURER: BESSA LIGHTING  
DESCRIPTION: COBALT BLUE  
PENDANT LIGHT  
MODEL: IT-151CM-SNG18 (COBALT BLUE) RIVA II 120V STERN  
FRONT W/ 18 WATT GU-24 LAMP INCLUDED  
MOUNTING HT: REFERENCE DRAWINGS  
G.C. TO PURCHASE FROM:  
CONTACT: ACQUERY SUPPLY,  
BUDDY BOKKIE  
PHONE: (877) 707-7378  
E-MAIL: BBOCKIE@ACQU-SERV.COM  
NOTES: DON'T INSTALL IN  
CEILINGS ABOVE 12' AFF. OR  
CEILINGS 8' AFF. OR LOWER



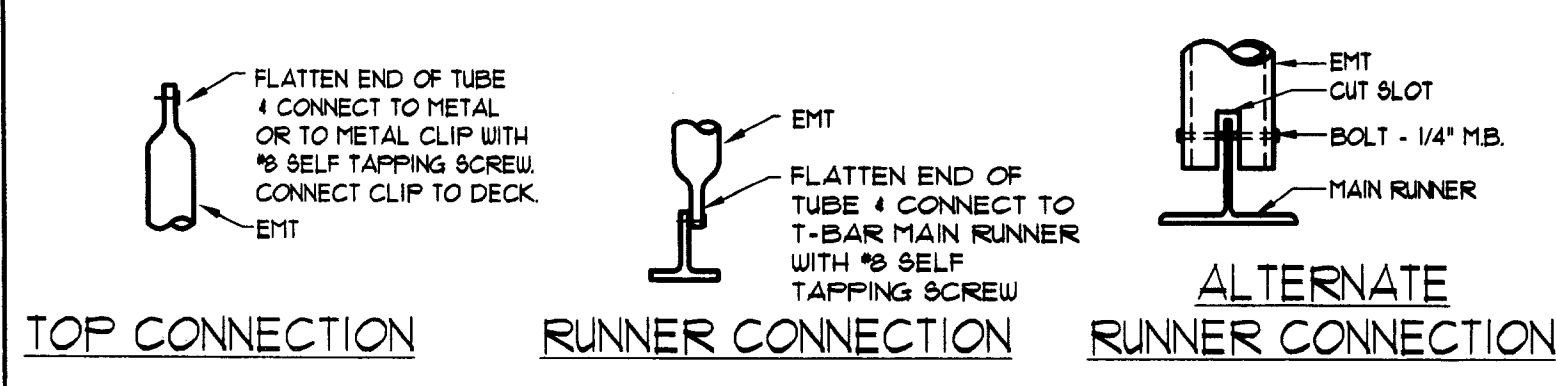
1. NOT ALL OTES, KEYNOTES OR LEGEND ITEMS MAY APPLY.
2. DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH UNO.
3. ALL NEW SUSPENDED CEILING GRID AND CEILING TILE TO MATCH EXISTING ADJACENT SYSTEM.
4. ALL NEW GYP. BD. CEILING AND INFILL CEILING TO MATCH ADJACENT SURFACE TEXTURE AND FINISH.
5. ELECTRICAL CONTRACTOR TO ENSURE THAT MODIFIED LAYOUT OF LIGHT FIXTURES AND WIRING DOES NOT EXCEED ELECTRICAL CAPACITY AND ENERGY USE IS CONSISTENT WITH EXISTING DESIGN.

6. CENTER LIGHT AND MECHANICAL FIXTURES WITHIN CEILING TILE TYPICAL UNO.
7. MECHANICAL CONTRACTOR TO MOVE EXISTING SUPPLY AND RETURN GRILLS TO AVOID INTERFERENCE WITH ANY NEW WALL, OR SOFFIT LOCATIONS. MECHANICAL SYSTEM SHALL BE BALANCED TO ENSURE ANY MINOR ADJUSTMENTS TO THE SYSTEM ALLOW FOR PROPER CONDITIONING OF SPACE.
8. ALL SOFFIT DESIGN AND ACCENT LIGHTING POSITIONS TO COORDINATE WITH FURNITURE LAYOUT. SEE SHEET A13 AND 4/A31.
9. ALL SECURITY DEVICES INCLUDING CAMERA'S, MOTORS, ALARMS, ETC. WILL BE DESIGNED AND INSTALLED BY A SECURITY COMPANY AND ARE NOT SHOWN ON THESE PLANS, NOR ON THE ELECTRICAL PLANS.

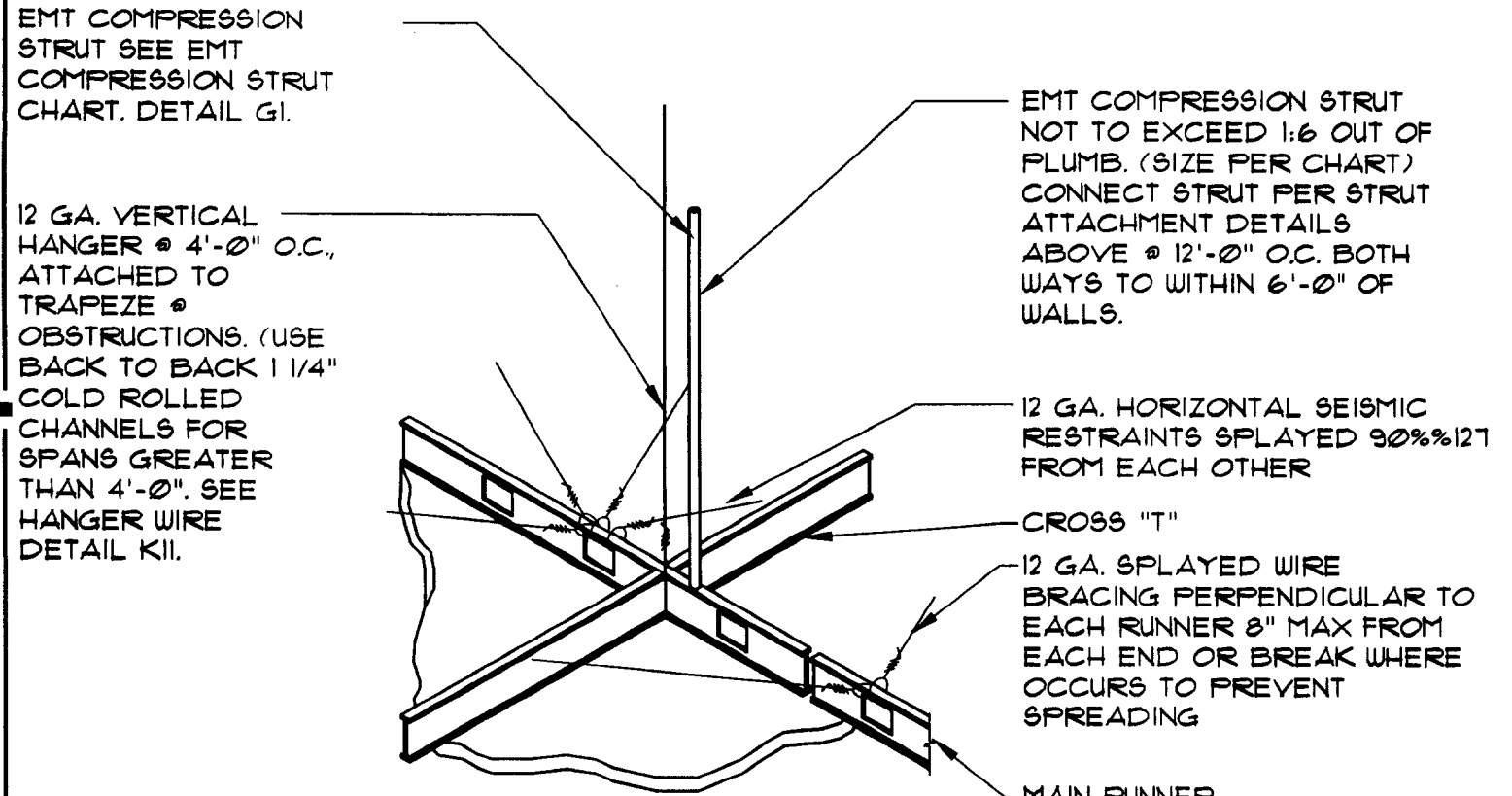
|    |                                                                                  |    |                                                                                                                                                         |
|----|----------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 21 | NOT USED.                                                                        | 28 | INFILL EXISTING CEILING GRID/ TILE AS REQUIRED IN THIS AREA.                                                                                            |
| 22 | SUSPENDED METAL GRID SYSTEM W/ 24"x48" ACoustICAL LAY IN TILES, CENTER IN SPACE. | 29 | NEW SIGNAGE BY OTHERS. <span style="border: 1px solid black; padding: 2px;">2</span>                                                                    |
| 23 | 2X2 ACT THIS AREA. PULL CEILING HEIGHT AS CLOSE TO STRUCTURE # HVAC AS POSSIBLE. | 30 | NO CEILING WORK IN THIS AREA. <span style="border: 1px solid black; padding: 2px;">2</span>                                                             |
| 24 | 5/8" GYP BD. CEILING. PROVIDE MR. GYP. BD. AT WET AREAS.                         | 31 | PROVIDE NEW HEADER AT 1'-0".                                                                                                                            |
| 25 | NOT USED. <span style="border: 1px solid black; padding: 2px;">2</span>          | 32 | EXISTING EXIT LIGHT LOCATIONS GC TO FIELD. VERIFY IF EXISTING LIGHT EXISTS. IF LIGHT DOES NOT EXIST, INSTALL AS LOCATED OR AS DIRECTED BY FIRE MARSHAL. |
| 26 | NOT USED.                                                                        | 33 | NOT USED. <span style="border: 1px solid black; padding: 2px;">5</span>                                                                                 |
| 27 | NOT USED.                                                                        | 34 | NOT USED.                                                                                                                                               |



5 HANGER WIRE DETAIL  
SCALE: NTS



4 CONNECTION DETAILS  
SCALE: NTS



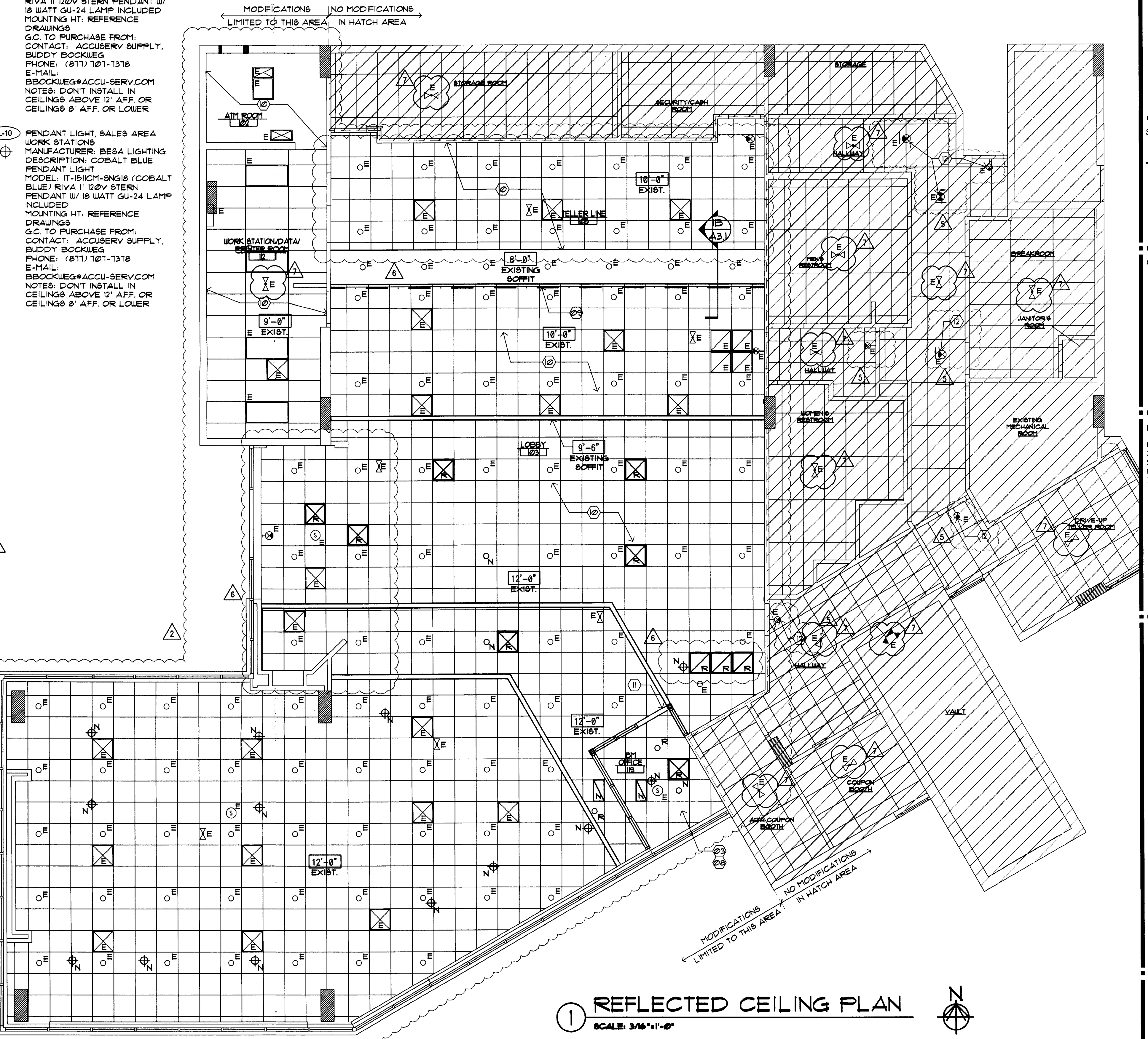
3 HANGER WIRE DETAIL  
SCALE: NTS

2 NOT USED  
SCALE: NTS

LEGEND

- GYP. BD., CEILING - NEW  
COLOR:  
5/8" GYP. BD. SHEATHING
- ACT-1  
ACOUSTICAL CEILING: ALL AREAS  
MANUFACTURER: ARMSTRONG  
MODEL: ULTIMA OPEN PLAN  
BEVELED  
COLOR: WHITE  
SIZE: 24" x 24" x 3/4"  
EDGE: BEVELED REGULAR  
GRID: INTERLUDE XL 9/16"  
EXPOSED TEE  
GRID FINISH: WHITE  
NOTE: TYP. IS TO MATCH EXISTING (USE IF MORE THAN 50% BEING REPLACED)
- ACT-2  
ACOUSTICAL CEILING: ALL AREAS  
MANUFACTURER: ARMSTRONG  
MODEL: ULTIMA OPEN PLAN  
BEVELED  
COLOR: WHITE  
SIZE: 24" x 48" x 3/4"  
EDGE: BEVELED REGULAR  
GRID: INTERLUDE XL 9/16"  
EXPOSED TEE  
GRID FINISH: WHITE  
NOTE: TYP. IS TO MATCH EXISTING (USE IF MORE THAN 50% BEING REPLACED)
- 9/16" SLIPS THRU CEILING FOR DATA CABLES
- 2'x4' RECESSED LIGHT FIXTURE IN SUSPENDED CEILING SYSTEM
- 1'x4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
- 2'x2' LAY-IN FLUORESCENT
- LED CANOPY LIGHT
- 4"X4" COMPACT FLUORESCENT DOWN LIGHT
- 4"X4" WALL WASHER
- EXIT SIGN (DIRECTIONAL)
- EXIT SIGN, LOCATE CENTRALLY OVER DOOR(S)
- EMERGENCY LIGHT, MOUNT TO CEILING
- EMERGENCY LIGHT, MOUNT TO WALL
- BLUE PENDANT LIGHT  
FIXTURE, ALIGN W/ CENTER OF FIXTURE BELOW. RE: RCP FOR MOUNTING HEIGHT - SEE L-10 SPEC. BELOW.
- AMBER PENDANT LIGHT  
FIXTURE, ALIGN W/ CENTER OF FIXTURE BELOW. RE: RCP FOR MOUNTING HEIGHT - SEE L-9 SPEC. BELOW.
- AMBIENT DOWNLIGHT
- MONOPOINT SPOTLIGHT
- TRACK LIGHT MOUNTED TO BOTTOM OF CEILING
- COVE LIGHTING FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- EXHAUST GRILLE
- SUPPLY DIFFUSER
- RETURN GRILLE
- EXHAUST FAN, RE: MECHANICAL
- SPEAKER
- SPRINKLER HEAD
- E = EXISTING TO REMAIN  
D = DEMO  
DR = DEMO TO BE RELOCATED  
R = RELOCATED (NEW LOCATION)  
N = NEW

- L-9 PENDANT LIGHT, CENTER ON TELLER TRANS. WINDOW  
MANUFACTURER: BESA LIGHTING  
DESCRIPTION: AMBER PENDANT LIGHT  
MODEL: IT-15180-5NG18 (AMBER) RIVA II 120V STERN PENDANT W/ 18 WATT GU-24 LAMP INCLUDED  
MOUNTING HT: REFERENCE DRAWINGS  
G.C. TO PURCHASE FROM: CONTACT: ACCUSERY SUPPLY, BUDDY BOCKWEG  
PHONE: (811) 101-1318  
E-MAIL: BBOCKWEG@ACCU-SERV.COM  
NOTES: DON'T INSTALL IN CEILING ABOVE 12' AFF. OR CEILING 8' AFF. OR LOWER
- L-10 PENDANT LIGHT, SALES AREA WORK STATIONS  
MANUFACTURER: BESA LIGHTING  
DESCRIPTION: COBALT BLUE PENDANT LIGHT  
MODEL: IT-15181-5NG18 (COBALT BLUE) RIVA II 120V STERN PENDANT W/ 18 WATT GU-24 LAMP INCLUDED  
MOUNTING HT: REFERENCE DRAWINGS  
G.C. TO PURCHASE FROM: CONTACT: ACCUSERY SUPPLY, BUDDY BOCKWEG  
PHONE: (811) 101-1318  
E-MAIL: BBOCKWEG@ACCU-SERV.COM  
NOTES: DON'T INSTALL IN CEILING ABOVE 12' AFF. OR CEILING 8' AFF. OR LOWER



1 REFLECTED CEILING PLAN  
SCALE: 3/16"=1'-0"

RCP GENERAL NOTES

- NOT ALL NOTES, KEYNOTES OR LEGEND ITEMS MAY APPLY.
- DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH UNO.
- ALL NEW SUSPENDED CEILING GRID AND CEILING TILE TO MATCH EXISTING ADJACENT SYSTEM.
- ALL NEW GYP. BD. CEILING AND INFILL CEILING TO MATCH ADJACENT SURFACE TEXTURE AND FINISH.
- ELECTRICAL CONTRACTOR TO ENSURE THAT MODIFIED LAYOUT OF LIGHT FIXTURES ARE PLANNED SO ELECTRICAL CAPACITY AND ENERGY USE IS CONSISTENT WITH EXISTING DESIGN.

RCP SHEET KEY NOTES

- NOT USED.
- SUSPENDED METAL GRID SYSTEM W/ 24"x48" ACOUSTICAL LAY IN TILES, CENTER IN SPACE.
- 2'x2' ACT THIS AREA. FULL CEILING HEIGHT AS CLOSE TO STRUCTURE 4' HVAC AS POSSIBLE.
- 5/8" GYP. BD. CEILING. PROVIDE M.R. GYP. BD. AT WET AREAS.
- NOT USED.
- NOT USED.
- NOT USED.
- INFILL EXISTING CEILING GRID/ TILE AS REQUIRED IN THIS AREA.
- NEW SIGNAGE BY OTHERS.
- NO CEILING WORK IN THIS AREA.
- PROVIDE NEW HEADER AT 1'-0".
- EXISTING EXIT LIGHT LOCATION. GC TO FIELD VERIFY IF EXISTING LIGHT EXISTS. IF LIGHT DOES NOT EXIST, INSTALL AS LOCATED OR AS DIRECTED BY FIRE MARSHAL.
- NOT USED.
- NOT USED.

INTERPLAN LLC

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA8660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124

SEAL  
*Harvey Jacoby*  
HARVEY JACOBY  
MAR 2 2 2010

CONSULTANT:

REVISIONS:

| NO. | DATE     | REMARKS         |
|-----|----------|-----------------|
| 2   | 06-09-09 | OWNER REVISIONS |
| 5   | 10-05-09 | PERMIT COMMENTS |
| 6   | 12-03-09 | OWNER REVISIONS |
| 7   | 03-22-10 | PERMIT COMMENTS |

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

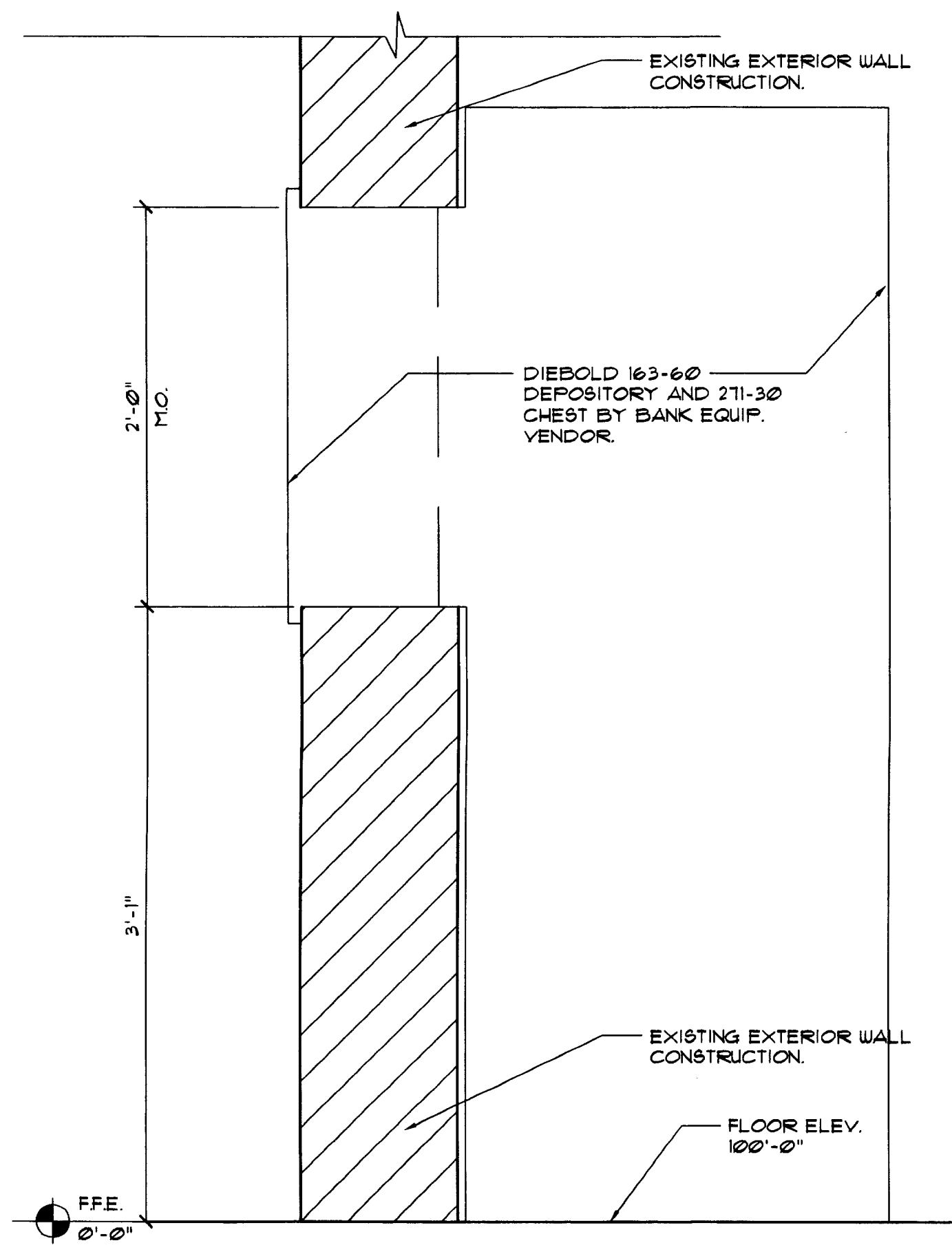
PROJECT NO: 2009.0109  
DATE: 04-30-09

A2.0  
REFLECTED CEILING  
PLAN

DRAWN BY:  
CHECKED BY: *LRM / OB*

CHASE

INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG ID# 1924 CHASE STORE ID# 1742  
1801 ALTON ROAD  
MIAMI, FL 33139



③ AFTER HOURS DEPOSITORY (AHD) DETAILS

SCALE: 1/2" = 1'-0"

① NOT USED

② NOT USED

⑤ NOT USED

④ NOT USED

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

DOOR SCHEDULE

| REMARKS    | DOOR NUMBER | DR. TYPE | DIMENSIONS |        |        | DOOR MATERIAL | FRAME MATERIAL | REMARKS |
|------------|-------------|----------|------------|--------|--------|---------------|----------------|---------|
|            |             |          | WIDTH      | HEIGHT | THICK. |               |                |         |
| RTY OFFICE | 118A        | C        | 3'-0"      | 7'-0"  | 1-3/4" | WD/GL         | WD             |         |

DOOR NOTES

- EXTERIOR METAL DOORS TO BE GALV. & INSULATED.
- HOLLOW METAL JAMBS IN MASONRY TO BE GROUTED SOLID.
- ALL DOORS TO MATCH EXISTING BUILDING STANDARDS.
- UNDERCUT ATM DOOR AND PROVIDE GRILL.
- TO BE MADE OF BULLET RESISTANT MATERIAL - COORDINATE WITH FMC AND SECURITY VENDOR.

HARDWARE NOTES

- COORDINATE PERMANENT CORE / KEYING MANFR & INSTALLATION WITH FMC / CHASE. PERMANENT CORE / KEYING INCLUDED IN BID KEYING ALLOWANCE. CONSTRUCTION CORES BY GENERAL CONTRACTOR.
  - MOUNT CLOSER ON FULL SIDE.
  - ALL HARDWARE TYPES AND FINISHES TO MATCH EXISTING. CHASE STANDARD HARDWARE SETS PROVIDED FOR STANDARDS REGARDING FUNCTIONS AND ITEMS TO BE FURNISHED.
  - G.C. TO EVALUATE EXISTING HARDWARE AND COORDINATE WITH FMC IF NEW SHOULD BE INSTALLED.
- DOOR STOREFRONT AND HARDWARE SPECIFICATIONS:  
1. ALL DOOR HARDWARE TO MEET ADA ACCESSIBILITY GUIDELINES.  
2. PROVIDE KNULED HARDWARE FOR HC ACCESSIBILITY COMPLIANCE TO DOORS 108A, 109A, & 110A

HARDWARE SCHEDULE

| SET NUMBER | TRANSITION STRIP | EL. CARD READER | REMARKS         |
|------------|------------------|-----------------|-----------------|
| 23         |                  |                 | HARDWARE NOTE 2 |

| HARDWARE SET #02               |          |                  |                                  |      |      |
|--------------------------------|----------|------------------|----------------------------------|------|------|
| CHASE STANDARD (FOR REFERENCE) |          |                  |                                  |      |      |
| DOOR NUMBER                    | QUANTITY | DESCRIPTION      | ITEM NUMBER                      | FIN. | TYPE |
| 101B                           | 3        | BUTT HINGE       | 5BB1 4.5 x 4.5 NRP               | 630  | IVE  |
| VESTIBULE                      | 1        | MULLION          | KS4854                           | 626  | VON  |
|                                | 1        | PANIC HARDWARE   | CD99SEC                          | 626  | VON  |
|                                | 1        | PANIC HARDWARE   | CD99NLTOP                        | 626  | VON  |
|                                | 1        | MORTISE CYLINDER | 70-001 WITH C123 KEYWAY          | 626  | SCH  |
|                                | 2        | MORTISE CYLINDER | 70-001 XQ11-348 WITH C123 KEYWAY | 626  | SCH  |
|                                | 1        | RIM CYLINDER     | 70-022                           | 626  | SCH  |
|                                | 2        | OFFSET DOOR FULL | 8130-0-0                         | 630  | IVE  |
|                                | 2        | SURFACE CLOSER   | 4111 EDA                         | AL   | LCN  |
|                                | 1        | OVERHEAD HOLDER  | 104H                             | 630  | GLY  |

\*NOTE: ALL HARDWARE FINISHES TO MATCH EXISTING. CHASE STANDARD SHOWN FOR REFERENCE ONLY.

| HARDWARE SET #03               |          |                   |                                                                                 |      |      |
|--------------------------------|----------|-------------------|---------------------------------------------------------------------------------|------|------|
| CHASE STANDARD (FOR REFERENCE) |          |                   |                                                                                 |      |      |
| DOOR NUMBER                    | QUANTITY | DESCRIPTION       | ITEM NUMBER                                                                     | FIN. | TYPE |
| 102A & 116A                    | 3        | HINGE             | 5BB1 4.5 x 4.5                                                                  | 632  | IVE  |
| ATM ROOM & FILE ROOM           | 1        | ELECTRONIC LOCK   | SCHLAGE KING COBRA MODEL KC 516-06-626 W/ SCHLAGE STANDARD CYLINDER C123 KEYWAY | 626  | SCH  |
|                                | 1        | SURFACE CLOSER    | 401 WITH STOP                                                                   | AL   | LCN  |
|                                | 1        | KICK PLATE (PUSH) | 8400 8" x 2" LDW                                                                | 630  | IVE  |
|                                | 1        | DOOR SCOPE        | D82000 132 DEGREE                                                               | ALB  | DSS  |
|                                | 3        | SILENCER          | SR64                                                                            | GRY  | IVE  |

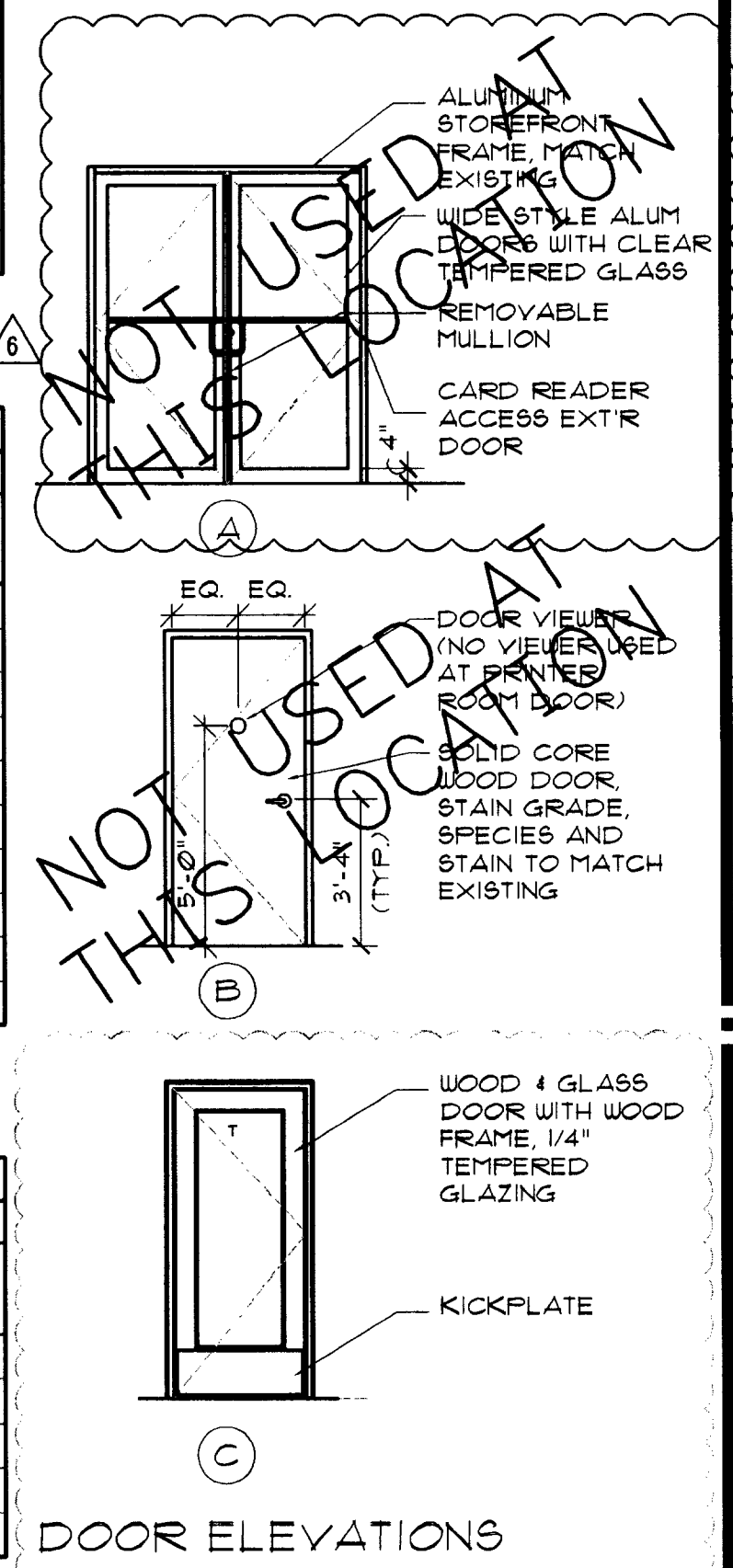
\*NOTE: ALL HARDWARE FINISHES TO MATCH EXISTING. CHASE STANDARD SHOWN FOR REFERENCE ONLY.

| HARDWARE SET #04               |          |                   |                                                                                 |      |      |
|--------------------------------|----------|-------------------|---------------------------------------------------------------------------------|------|------|
| CHASE STANDARD (FOR REFERENCE) |          |                   |                                                                                 |      |      |
| DOOR NUMBER                    | QUANTITY | DESCRIPTION       | ITEM NUMBER                                                                     | FIN. | TYPE |
| 105A & 112A                    | 3        | HINGE             | 5BB1 4.5 x 4.5                                                                  | 632  | IVE  |
| TELLER & PRINTING              | 1        | ELECTRONIC LOCK   | SCHLAGE KING COBRA MODEL KC 516-06-626 W/ SCHLAGE STANDARD CYLINDER C123 KEYWAY | 626  | SCH  |
|                                | 1        | SURFACE CLOSER    | 40                                                                              | 626  | LCN  |
|                                | 1        | KICK PLATE (PUSH) | 8400 8" x 2" LDW                                                                | 630  | IVE  |
|                                | 1        | WALL STOP         | W8406CVX                                                                        | 626  | IVE  |
|                                | 1        | DOOR SCOPE        | D82000 132 DEGREE                                                               | ALB  | DSS  |
|                                | 3        | SILENCER          | SR64                                                                            | GRY  | IVE  |

\*NOTE: ALL HARDWARE FINISHES TO MATCH EXISTING. CHASE STANDARD SHOWN FOR REFERENCE ONLY.

| HARDWARE SET #05               |          |                   |                  |      |      |
|--------------------------------|----------|-------------------|------------------|------|------|
| CHASE STANDARD (FOR REFERENCE) |          |                   |                  |      |      |
| DOOR NUMBER                    | QUANTITY | DESCRIPTION       | ITEM NUMBER      | FIN. | TYPE |
| 118A                           | 3        | HINGE             | 5BB1 4.5 x 4.5   | 632  | IVE  |
| BM OFFICE                      | 1        | PASSAGE LATCH     | ND106 4TH        | 626  | SCH  |
|                                | 1        | KICK PLATE (PUSH) | 8400 8" x 2" LDW | 630  | IVE  |
|                                | 2        | WALL STOP         | W8406CVX         | 630  | IVE  |
|                                | 3        | SILENCER          | SR64             | GRY  | IVE  |

\*NOTE: ALL HARDWARE FINISHES TO MATCH EXISTING. CHASE STANDARD SHOWN FOR REFERENCE ONLY.



DOOR ELEVATIONS

**INTERPLAN**

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA 8660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124

SEALED  
*Ham*

CONSULTANT:  
JANUARY JANUARY  
DEC 07 2009

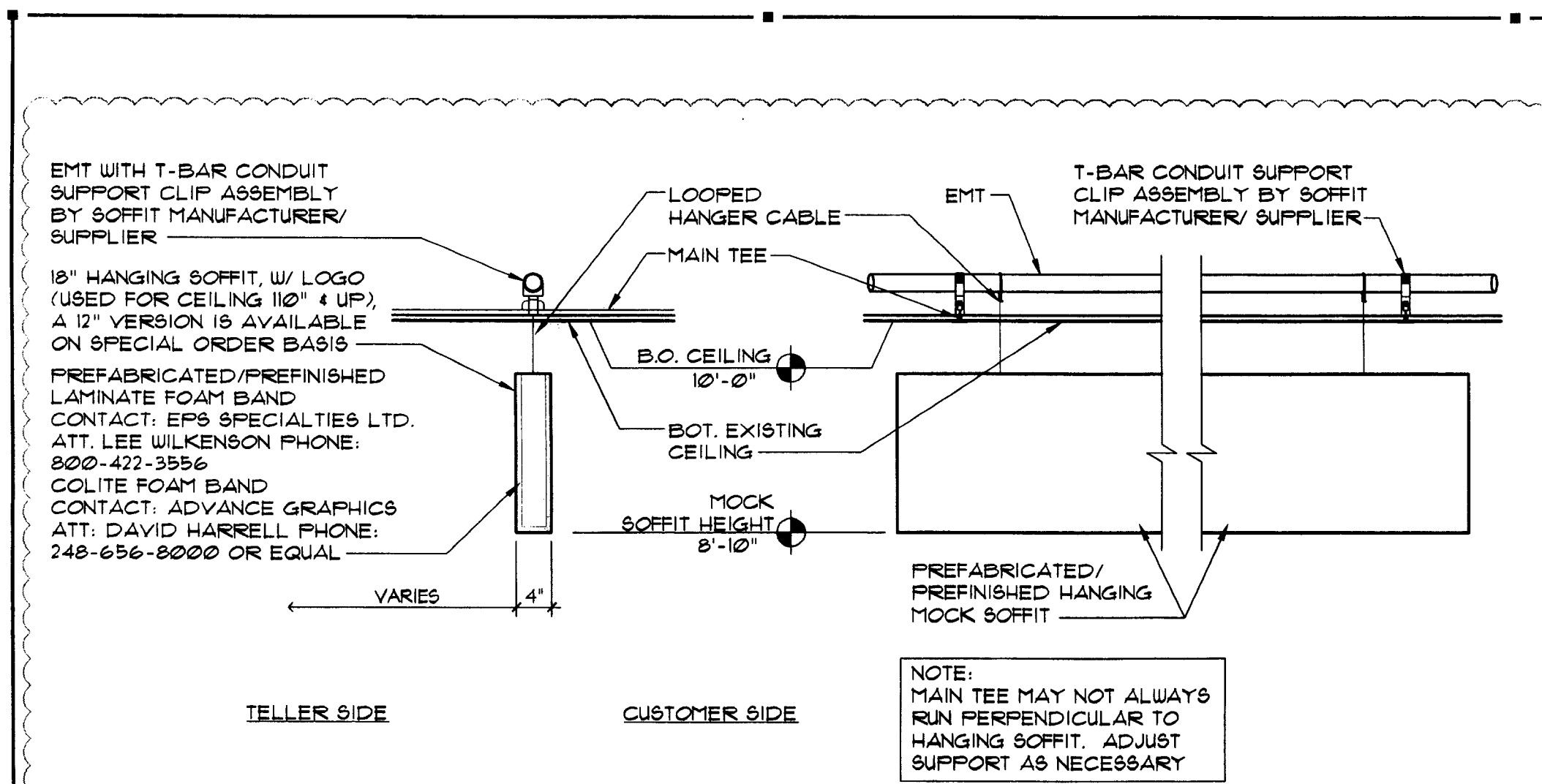
REVISIONS:  
NO. DATE REMARKS  
2 06-09-09 OWNER REVISIONS  
6 12-03-09 OWNER REVISIONS

**CHASE**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG DR# 1922 CHASE STORE DR# 17A-2  
1801 ALTON ROAD  
MIAMI, FL 33139

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.  
PROJECT NO: 2009.0109  
DATE: 04-30-09

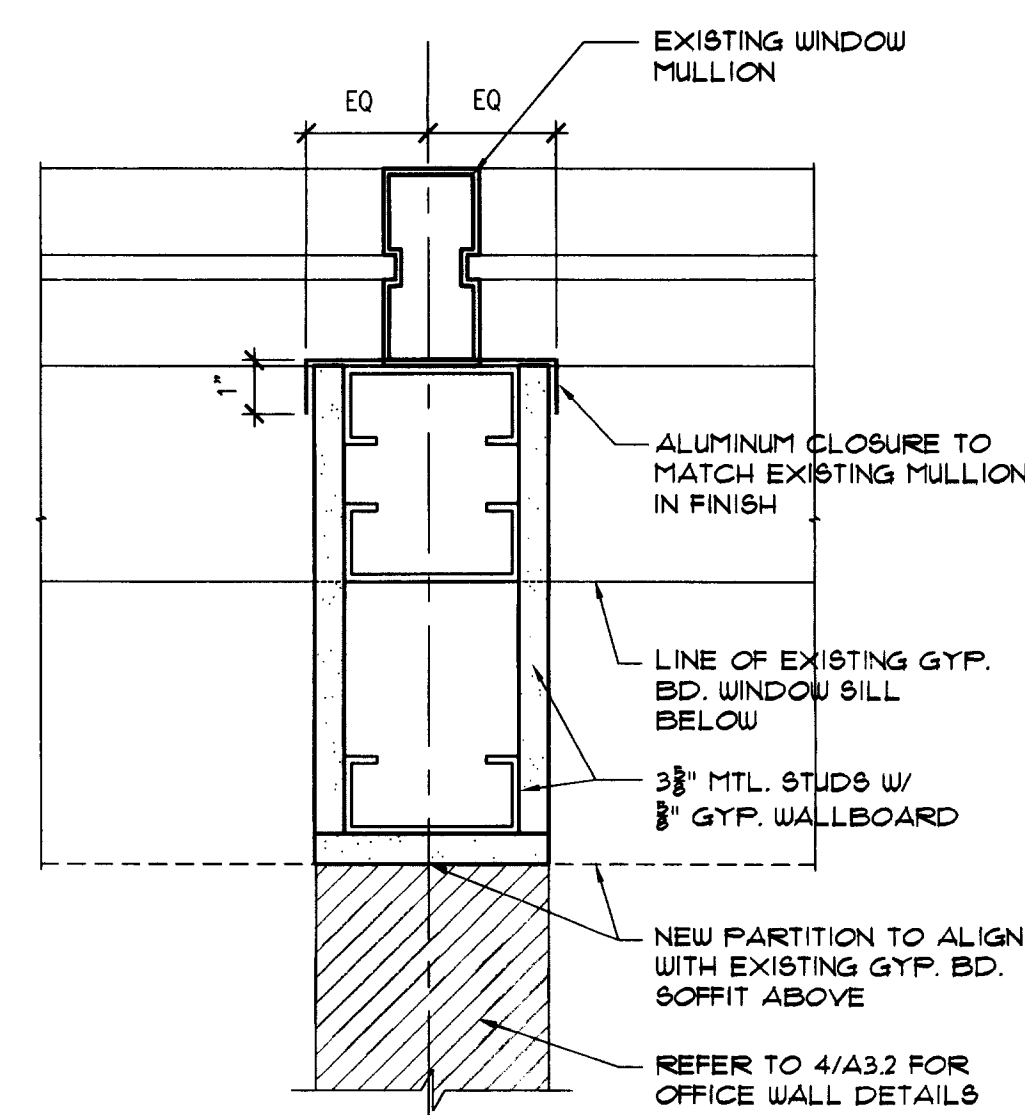
**A3.0**  
INTERIOR ELEVATIONS,  
SECTIONS AND DETAILS

DRAWN BY: *WJ*  
CHECKED BY: *EW*



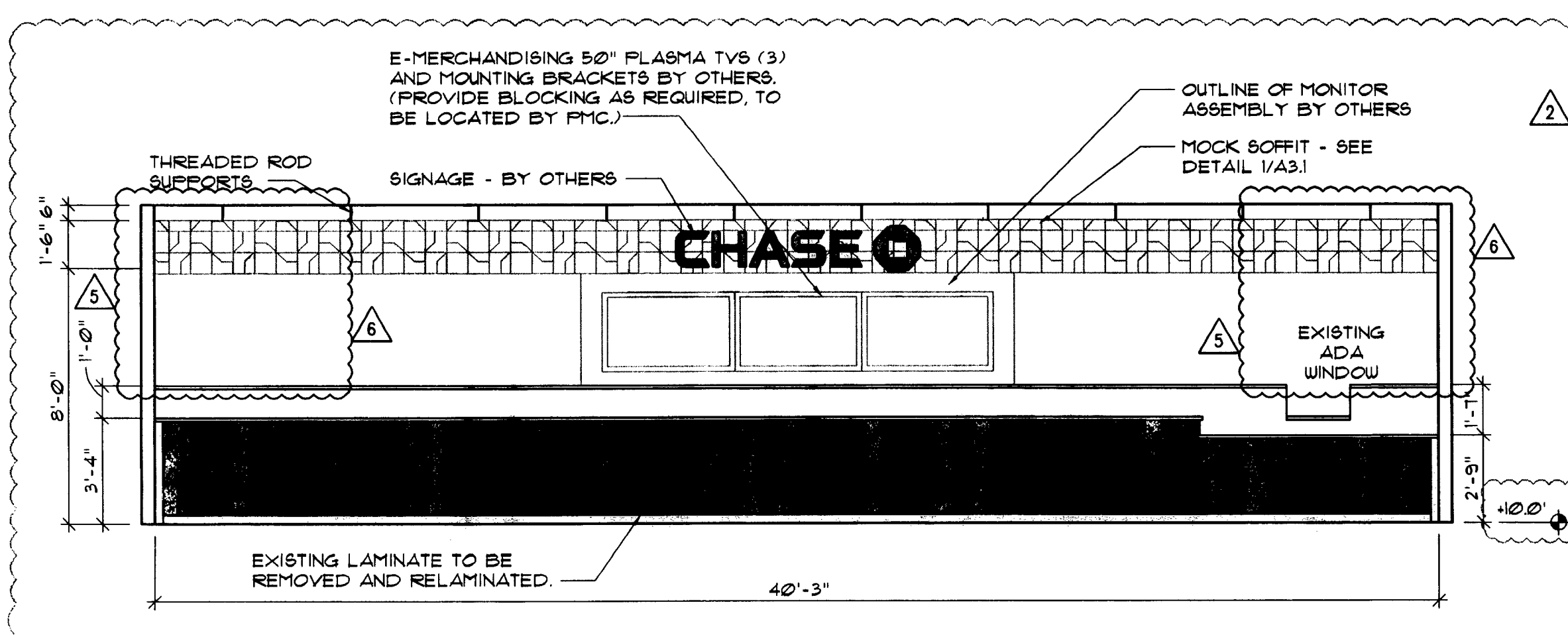
② TELLER (MOCK) SOFFIT DETAIL

SCALE: 3/4" = 1'-0"



① PARTITION DETAIL

SCALE: 3/4" = 1'-0"

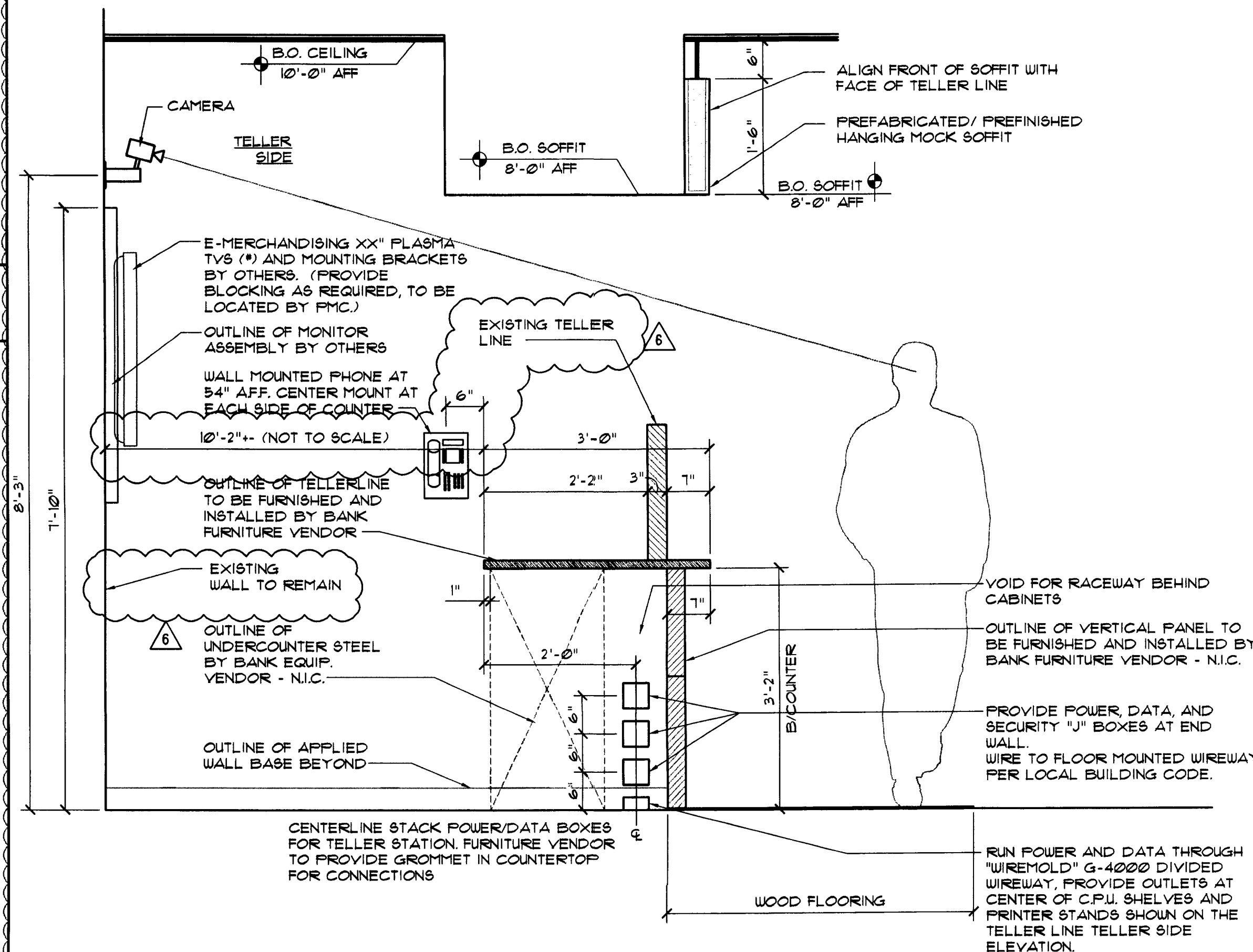


② TELLERLINE ELEVATIONS WITHOUT BR GLASS

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

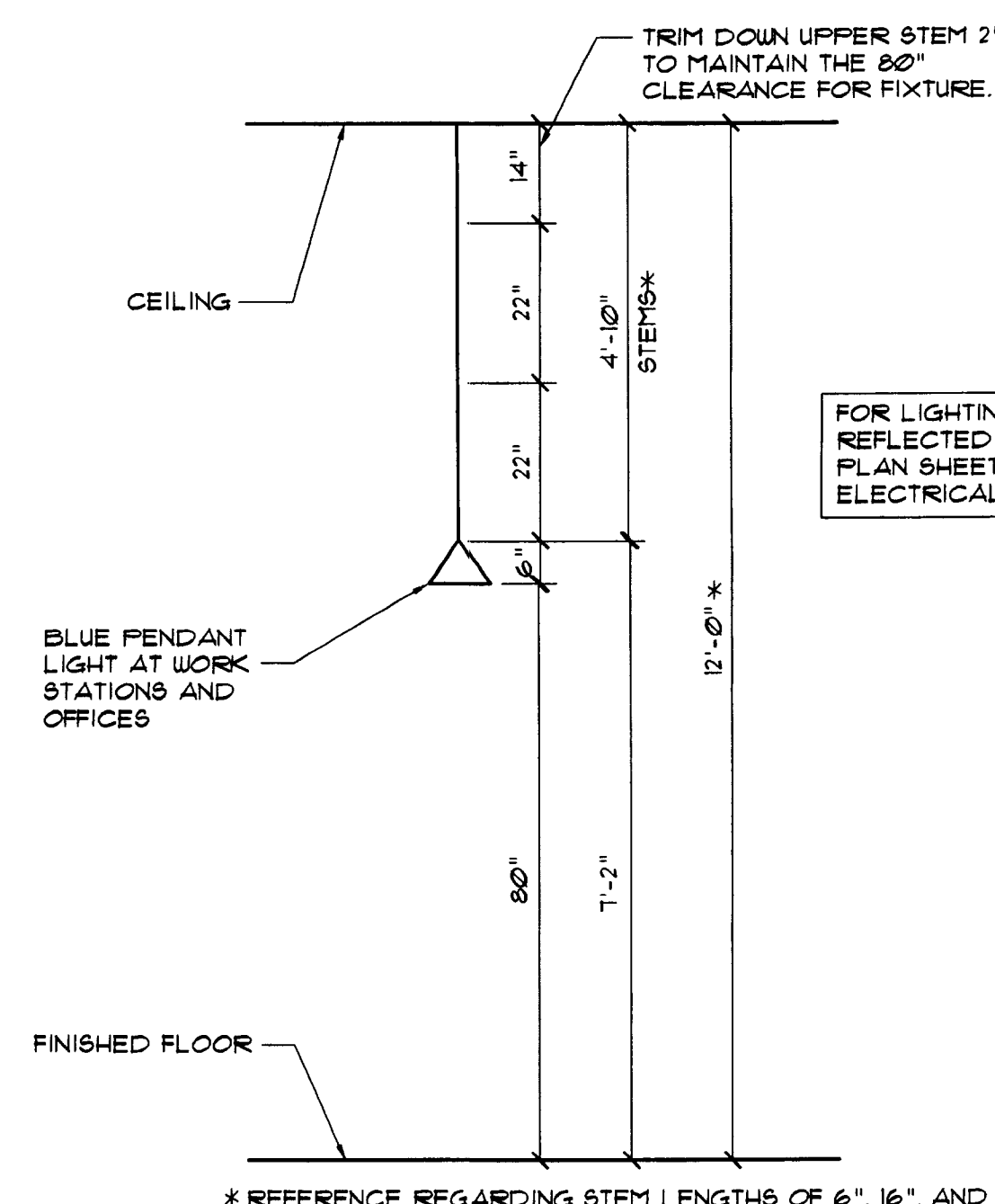
GENERAL POWER AND DATA NOTES:

1. PROVIDE (2) DATA AND (1) DUPLEX OUTLET AT EACH TELLER STATION.
2. PROVIDE (1) DATA AND (1) DEDICATED DUPLEX OUTLET AT EACH TELLER CASH DISPENSER (T.C.D.).
3. PROVIDE (1) DATA AND (1) DUPLEX OUTLET AT EACH PRINTER STAND.



③ TELLERLINE SECTION

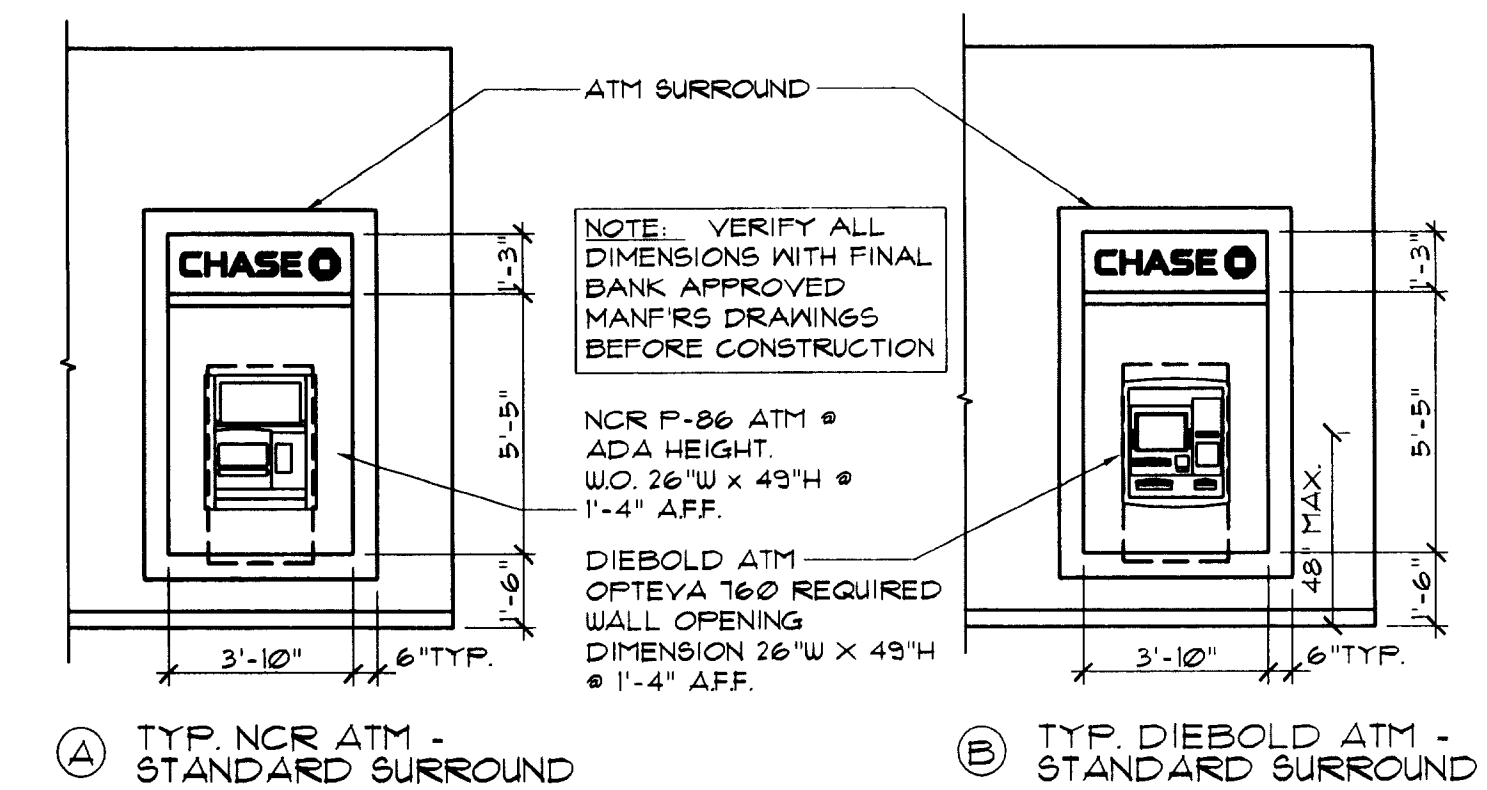
SCALE: 3/4" = 1'-0"



WORK STATIONS

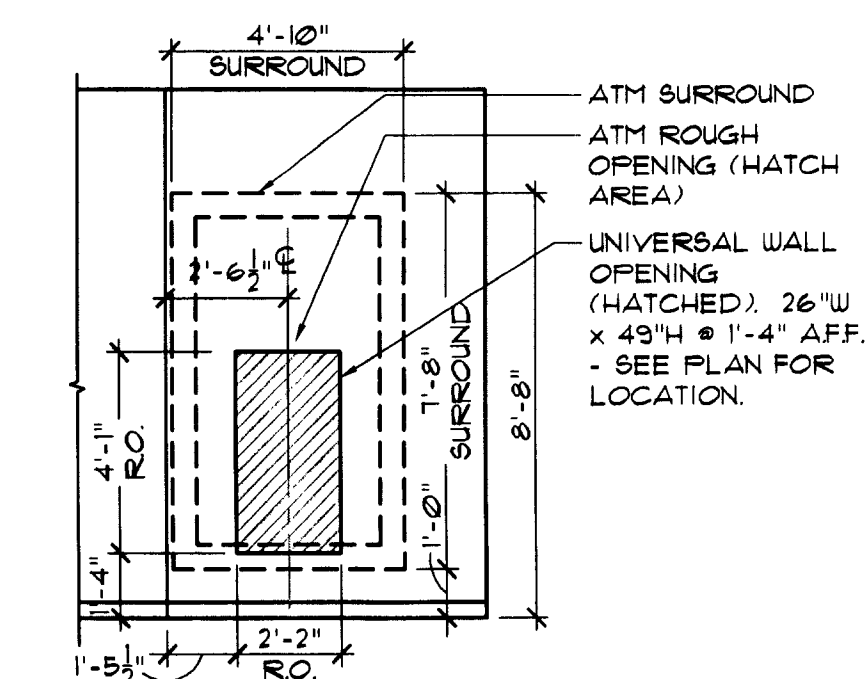
④ PENDANT LIGHT (MOUNTING HEIGHT AND STEM SIZING)

SCALE: 1/2" = 1'-0"

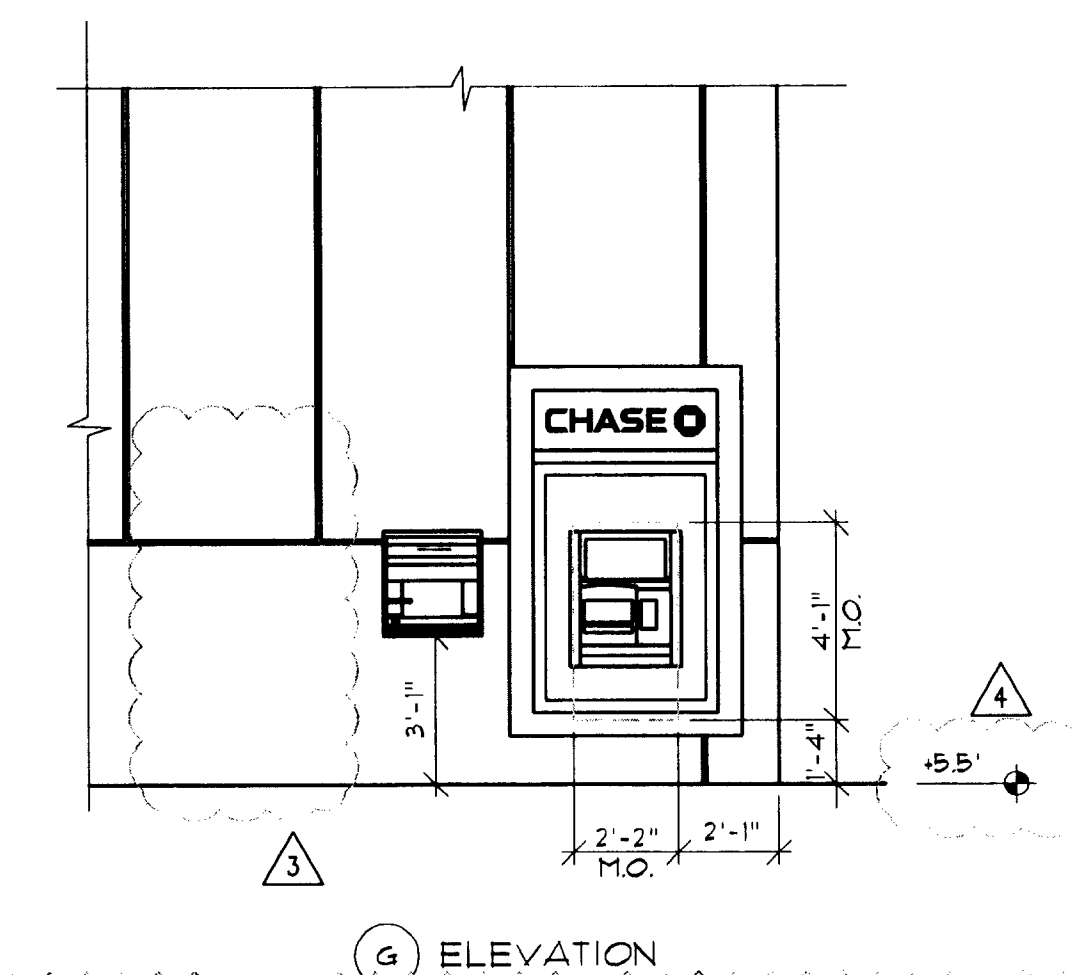
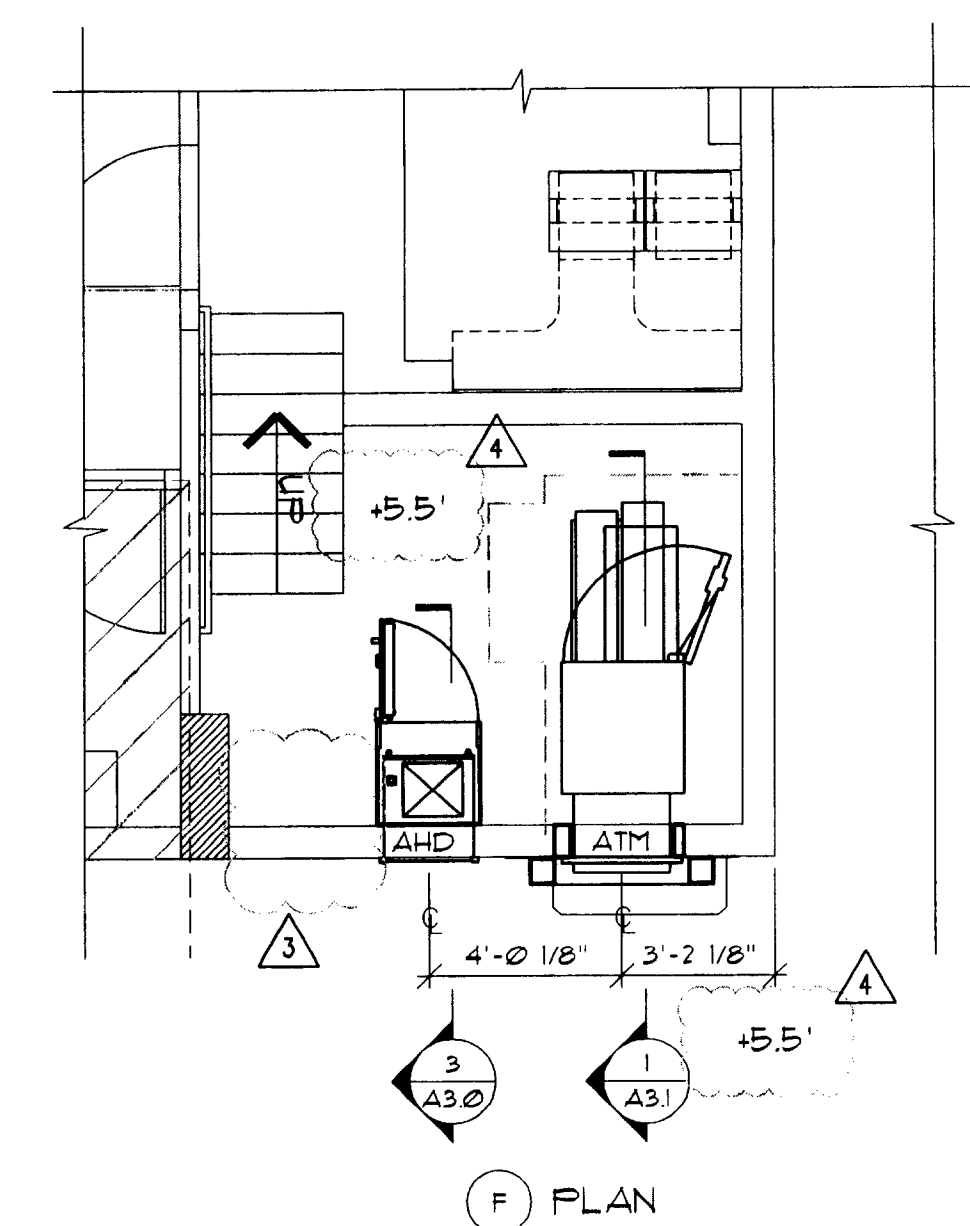


⑤ TYP. NCR ATM - STANDARD SURROUND

⑥ TYP. DIEBOLD ATM - STANDARD SURROUND



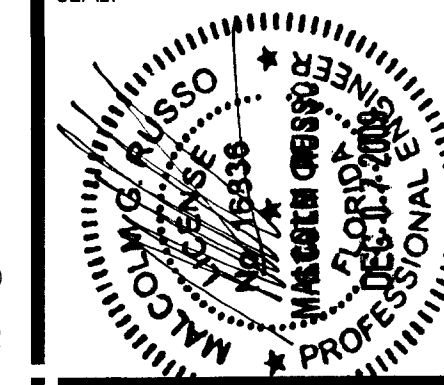
⑦ TYP. ATM ROUGH OPENING - STANDARD SURROUND



⑤ ATM WALL OPENING DETAILS

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

SEAL:



CONSULTANT:

REVISIONS:

| NO. | DATE     | REMARKS         |
|-----|----------|-----------------|
| 2   | 6-09-09  | OWNER REVISIONS |
| 6   | 12-03-09 | OWNER REVISIONS |

**CHASE**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
MIAMI BLDG ID# 1024 CHASE STORE ID# 1742  
1801 ALTON ROAD  
MIAMI, FL 33139

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 06/08/09

HVAC FLOOR  
PLAN

M1.0

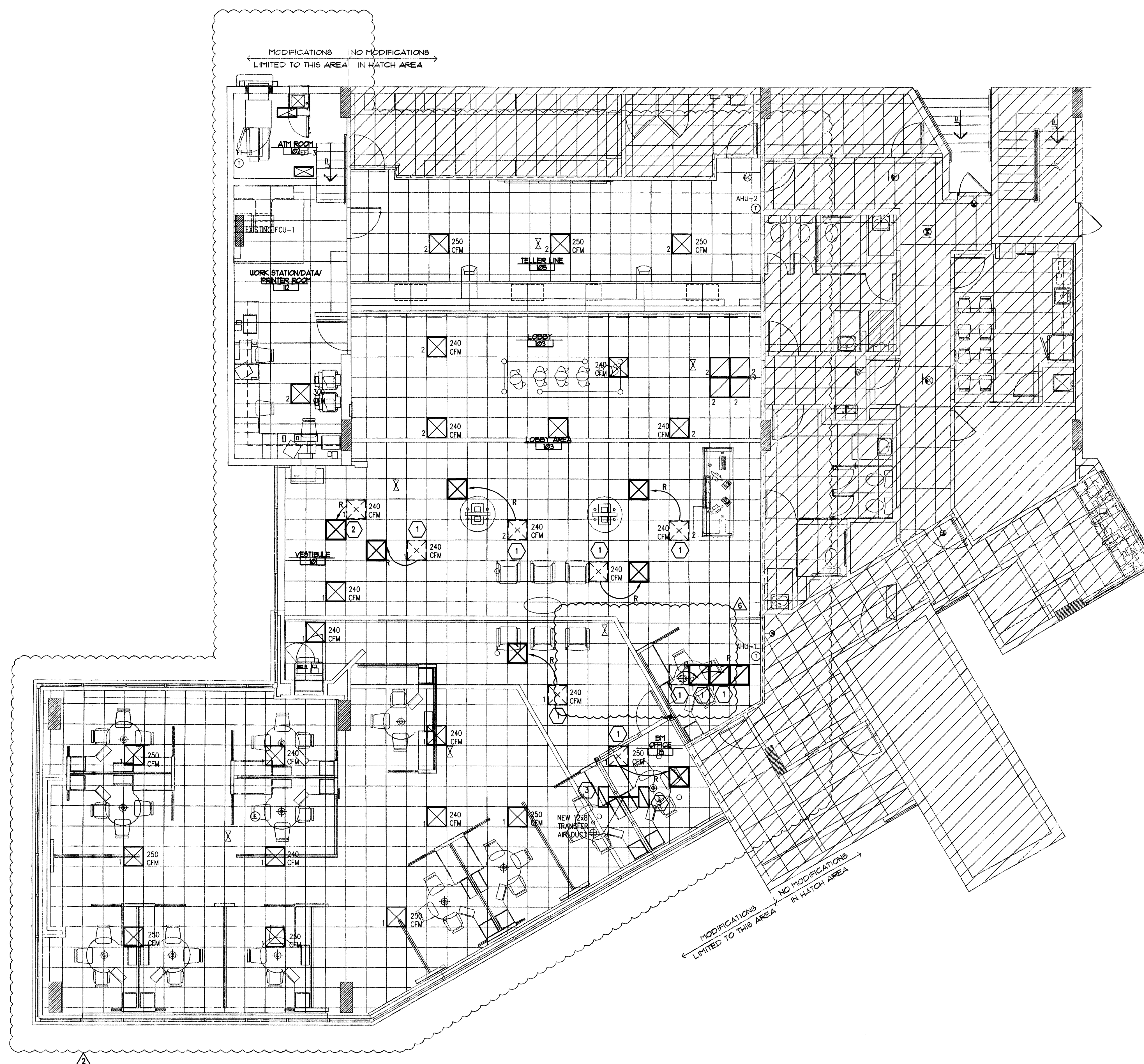
DRAWN BY: GAB  
CHECKED BY: MGR

# KEYED NOTES

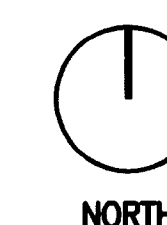
1. RELOCATE EXISTING SUPPLY/RETURN/EXHAUST AIR DIFFUSER AS SHOWN. EXTEND FLEX/DUCT AS REQUIRED. CFM'S TO REMAIN AS SHOWN.
2. EXTEND FLEX/DUCT AS REQUIRED. REPLACE EXISTING SUPPLY DIFFUSERS WITH NEW CEILING MOUNTED DIFFUSERS TO NEW LOCATION SHOWN. CFM'S TO REMAIN AS SHOWN.
3. ADD NEW 24x12 TRANSFER AIR GRILLO. MATCH EXISTING.

## PLAN GENERAL NOTES

1. EXISTING SYSTEMS SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND AVAILABLE RECORD DRAWINGS. THESE INFORMATION IS PARTIALLY UNVERIFIED. CONTRACTOR ASSUMES RESPONSIBILITY FOR FIELD VERIFICATION AND INVESTIGATION PRIOR TO SUBMITTING BID. DO NOT SCALE THESE PLANS.
2. EXISTING DIFFUSERS TO BE REUSED SHALL BE CLEANED AND FREE OF DEFECTS. REUSE EXISTING DIFFUSERS TO THE GREATEST EXTENT POSSIBLE.
3. ALL EXISTING DUCTWORK TO REMAIN UNLESS OTHERWISE NOTED.
4. SOME EXISTING BUILDING CONDITIONS FOR ELECTRICAL, PLUMBING, MECHANICAL AND FIRE PROTECTION SYSTEMS USED IN THE DESIGN OF THIS PROJECT ARE ASSUMED. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE INSTALLING CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. ALL NEW WORK AND EXISTING SYSTEMS OR EQUIPMENT INDICATED TO REMAIN OR BE RELOCATED SHALL BE IN COMPLIANCE WITH OWNER REQUIREMENTS AND COORDINATED WITH THE OWNER'S REPRESENTATIVE (PMC). ANY DISCREPANCIES SHALL BE REPORTED TO OWNER'S REPRESENTATIVE.



HVAC FLOOR PLAN  
3/16" = 1'-0"



CL 1/9/10

SECTION 16000 – ELECTRICAL SPECIFICATIONS

DEMOLITION

- I. SITE INVESTIGATION:
- A. OBTAIN IN THE FIELD ALL INFORMATION RELEVANT TO THE PLACING OF ELECTRICAL WORK AND IN CASE OF INTERFERENCE WITH OTHER WORK, PROCEED AS DIRECTED BY THE OWNER REPRESENTATIVES (PMC) AND PROVIDE ALL LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK IN AN ACCEPTABLE MANNER.
- C. SPECIAL CONSIDERATIONS: SPECIAL ATTENTION IS CALLED TO THE FACT THAT THERE WILL BE PIPING, FIXTURES OR OTHER ITEMS IN THE EXISTING BUILDING WHICH MUST BE REMOVED OR RELOCATED IN ORDER TO PERFORM THE ALTERATION WORK. BID SHALL INCLUDE ALL REMOVAL AND RELOCATION REQUIRED FOR COMPLETION OF THE ALTERATIONS AND THE NEW CONSTRUCTION.
- D. OWNER'S SALVAGE: THE OWNER RESERVES THE RIGHT TO INSPECT THE MATERIAL SCHEDULED FOR REMOVAL AND SALVAGE ANY ITEMS HE DEEMS USABLE AS SPARE PARTS.
- II. EXISTING CONDITIONS:
- III. SUPPORT: ALL EXISTING CONDUIT AND CABLES WITHIN THE AREA OF RENOVATION SHALL BE PROVIDED WITH PROPER SUPPORTS AS SPECIFIED FOR NEW WORK IN OTHER SECTIONS OF THIS SPECIFICATION.
- III. INSTALLATION: ALL EXISTING ELECTRICAL WHICH IS DESIGNATED FOR REWORKING OR REQUIRES RELOCATION, REPAIR OR ADJUSTMENT SHALL CONFORM TO ALL APPLICABLE CODES AND SHALL BE TREATED AS NEW WORK COMPLYING TO ALL SECTIONS OF THIS SPECIFICATION.
- III. VIOLATIONS: WHERE EXISTING CONDITIONS ARE DISCOVERED WHICH ARE NOT IN COMPLIANCE WITH THE CODES AND STANDARDS, THE CONTRACTOR SHALL SUBMIT PROPER DOCUMENTATION TO THE OWNER REPRESENTATIVES (PMC) FOR CLARIFICATION AND CORRECTIVE WORK DIRECTION. EXISTING CONDITIONS SHALL NOT REMAIN WHICH WILL CREATE A DISAPPROVAL OF THE RENOVATED AREA.
- III. PATCHING: ALL EXISTING CONDUIT AND CABLE PENETRATIONS SHALL BE PROPERLY FIRE TREATED PER CODE AND SPECIFICATION REQUIREMENTS. THE CONTRACTOR SHALL THOROUGHLY INSPECT ALL EXISTING LOCATIONS AND INCLUDE THE COST OF PATCHING AND REPAIR IN HIS PROPOSED CONSTRUCTION COST.

GENERAL

- I. GENERAL
- A. THE CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR & EQUIP. NECESSARY TO COMPLETELY INSTALL ELECTRICAL & RELATED WORK INDICATED ON THE DRAWINGS AND IN THESE SPECIFICATIONS.
- II. DISCREPANCIES
- A. NOTIFY THE OWNER REPRESENTATIVES (PMC) OF ANY DISCREPANCIES FOUND DURING CONSTRUCTION OF THE PROJECT AND DO NOT PROCEED WITH THAT PORTION OF THE PROJECT, UNTIL A WRITTEN DEFINITIVE STATEMENT IS RECEIVED PROVIDING CLEAR DIRECTION. IF A CONFLICT EXISTS BETWEEN THE CONTRACT DOCUMENTS AND ANY APPLICABLE CODE OR STANDARD, THE MOST STRINGENT REQUIREMENT SHALL BE INCLUDED FOR THIS PROJECT. THE OWNER REPRESENTATIVES (PMC) SHALL MAKE THE DECISION REGARDING QUESTIONABLE AREAS OF CONFLICT.
- III. CODE
- A. ALL EQUIPMENT, WIRING AND THE ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (N.E.C.), O.S.H.A. REQUIREMENTS, LIFE SAFETY CODE AND ALL APPLICABLE LOCAL AND STATE LAWS AND ORDINANCES.
- B. THE CONTRACTOR SHALL PAY ALL INSPECTION FEES AND PURCHASE ALL PERMITS REQUIRED FOR THIS WORK.
- IV. LOCATION OF EQUIPMENT
- A. THE CONTRACTOR SHALL NOTE THAT THE ELECTRICAL DRAWINGS ARE INTENDED TO INDICATE DIAGRAMMATICALLY ONLY THE EXTENT, GENERAL CHARACTER AND LOCATION OF THE WORK. WORK INTENDED, BUT HAVING MINOR DETAILS OBVIOUSLY OMITTED, SHALL BE FURNISHED AND INSTALLED COMPLETE BY THIS CONTRACTOR.
- B. THE CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS, AND SHALL THOROUGHLY REVIEW ALL DRAWINGS, SPECIFICATIONS AND PUBLISHED ADDENDA PRIOR TO BIDDING ON THIS WORK. NO EXTRAS TO HIS CONTRACT WILL BE ALLOWED FOR FAILURE TO COMPLY WITH THIS REQUIREMENT.
- V. INSTALLATION
- A. ALL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN A NEAT AND FIRST CLASS MANNER, LEVEL AND PLUMB, AND SECURELY SUPPORTED. THE ENTIRE INSTALLATION, AND MANNER OF INSTALLATION SHALL MEET THE COMPLETE SATISFACTION OF THE OWNER'S REPRESENTATIVE OR IT SHALL BE REMOVED AND REWORKED AS DIRECTED BY THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
- B. ALL WIRING SHALL BE IN CONDUIT. THE USE OF E.N.T., BX, NM, ETC. OR PRE-MANUFACTURED CABLE ASSEMBLIES OR ALUMINUM WIRE WILL NOT BE PERMITTED. MC CABLE IS ACCEPTABLE WHERE ALLOWED BY NEC.
- VII. WIRING:
- A. EACH THREE-PHASE CIRCUIT SHALL BE RUN IN A SEPARATE CONDUIT UNLESS OTHERWISE SHOWN ON THE DRAWINGS. UNLESS OTHERWISE ACCEPTED BY THE OWNER REPRESENTATIVES (PMC), CONDUIT SHALL NOT BE INSTALLED CONCEALED UNLESS SPECIFICALLY DIRECTED TO BE EXPOSED. WHERE CIRCUITS ARE SHOWN AS "HOME-RUNS" ALL NECESSARY FITTINGS AND BOXES SHALL BE PROVIDED FOR A COMPLETE RACEWAY INSTALLATION.
- VIII. CUTTING AND PATCHING
- A. ALL CUTTING AND PATCHING REQUIRED FOR INSTALLATION OF ELECTRICAL WORK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- B. NO ADDITIONAL COMPENSATION WILL BE AUTHORIZED FOR CUTTING AND PATCHING WORK THAT IS NECESSITATED BY ILL- TIMED, DEFECTIVE OR NON-CONFORMING INSTALLATIONS.
- IX. IDENTIFICATION NAMEPLATES
- A. FURNISH AND INSTALL NAMEPLATES ON ANY NEW ITEMS OF ELECTRICAL EQUIPMENT. NAMEPLATES SHALL MATCH EXISTING. WORDING SHALL SUITABLY DESCRIBE ITEMS AND NAMEPLATES SHALL BE ATTACHED USING PROPER SIZE AND TYPE STAINLESS STEEL BOLTS.
- XI. WARRANTIES
- A. GUARANTEE ALL ELECTRICAL SYSTEM MATERIALS AND WORKMANSHIP TO BE FREE FROM DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE AND PROPERLY CORRECT LATENT DEFECTS ARISING WITHIN THIS PERIOD UPON NOTIFICATION BY THE OWNER'S REPRESENTATIVE WITHOUT ADDITIONAL COMPENSATION
- XII. CLEANING
- A. REGULARLY REMOVE REFUSE AND DEBRIS ACCUMULATING FROM ELECTRICAL CONSTRUCTION AND PRIOR TO ACCEPTANCE OF THIS WORK, LEAVE THE PREMISES "BROOM CLEAN" INSOFAR AS AFFECTED BY ELECTRICAL WORK.
- B. CLEAN ALL LIGHT FIXTURES, LAMPS AND LENSES AND PANELBOARD INTERIORS PRIOR TO FINAL ACCEPTANCE.

RACEWAYS

- I. RACEWAYS
- A. EXTENT OF RACEWAY WORK IS INDICATED DIAGRAMMATICALLY ON THE DRAWINGS AND IN THE SCHEDULES.
1. WHEN SIZE IS NOT INDICATED ON PLANS, CONDUIT SHALL BE SIZED FOR CONDUCTORS IN ACCORDANCE WITH TABLES 4(A)(9)(C), CHAPTER 9 OF THE N.E.C..
2. THE ROUTING AND METHOD OF INSTALLATION OF ALL CONDUITS SHALL BE CO-ORDINATED SO AS NOT TO INTERFERE WITH OTHER EQUIPMENT INSTALLATIONS AND SHALL MEET WITH THE COMPLETE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
3. THE USE OF INTERMEDIATE METAL CONDUIT (IMC), ELECTRICAL NON-METALLIC TUBING (ENT), ARMORED CABLE (AC), OR MANUFACTURED CABLE ASSEMBLIES SHALL NOT BE INCORPORATED INTO THE WORK. MC CABLE IS ACCEPTABLE WHERE ALLOWED BY NEC. FOR 20A, 120V CIRCUITS.
4. USE ONLY THE TYPES OF RACEWAYS SPECIFIED HERE IN.
- B. TYPES OF RACEWAYS SPECIFIED IN THIS SECTION INCLUDE THE FOLLOWING:
1. ELECTRICAL METALLIC TUBING (EMT); MINIMUM TRADE SIZE 1/2".
2. FLEXIBLE METAL CONDUIT, MINIMUM TRADE SIZE 1/2".
3. LIQUID- TIGHT FLEXIBLE METAL CONDUIT (SEALTIGHT) MINIMUM TRADE SIZE 1/2".
4. RIGID METAL CONDUIT, MINIMUM TRADE SIZE 1/2".
5. RIGID NONMETALLIC CONDUIT (PVC); SCHEDULE 40, MINIMUM TRADE SIZE 1/2".
- C. FITTINGS
1. FITTINGS FOR EMT SHALL BE STEEL SET SCREW OR COMPRESSION TYPE WITH FACTORY INSTALLED INSULATED THROAT CONNECTORS. DIE CAST OR POT METAL FITTINGS ARE NOT ACCEPTABLE.
2. FITTINGS FOR FLEXIBLE CONDUIT SHALL BE STEEL OR CAST IRON.
3. FITTINGS FOR RIGID CONDUIT SHALL BE STEEL THREADED TYPE.
4. FITTINGS FOR PVC SHALL BE SCHEDULE 40 GLUE-ON TYPE.
- III. INSTALLATION OF RACEWAYS
- A. ALL CONDUITS SHALL BE INSTALLED CONCEALED, EXCEPT IN EQUIPMENT ROOM, CHASES OR AS INDICATED ON THE DRAWINGS. ALL CONDUITS, EXPOSED AND CONCEALED SHALL BE RUN PARALLEL AND PERPENDICULAR TO BUILDING LINES AND SHALL BE GROUPED TOGETHER AS MUCH AS POSSIBLE, EVEN ABOVE LAY-IN CEILINGS.
- B. A SEPARATE GROUNDING CONDUCTOR SHALL BE INSTALLED IN ALL RUNS. GROUNDING CONDUCTOR SIZES LARGER THAN #12 AWG WHERE REQUIRED BY THE NEC, SHALL BE SIZED AS INDICATED IN THE NEC. ALL GROUNDING CONDUCTORS SHALL HAVE A GREEN OUTER COVERING, OR GREEN MARKING TAPE OVER THEIR ENTIRE EXPOSED LENGTHS.
- C. MECHANICALLY FASTEN TOGETHER METAL CONDUITS, ENCLOSURES, AND RACEWAYS FOR CONDUCTORS TO FORM A CONTINUOUS ELECTRICAL CONDUCTOR. CONNECT TO ELECTRICAL BOXES, FITTINGS AND CABINETS TO PROVIDE ELECTRICAL CONTINUITY AND FIRM MECHANICAL ASSEMBLY.
- D. AVOID USE OF DISSIMILAR METALS THROUGH SYSTEM TO ELIMINATE POSSIBILITY OF ELECTROLYSIS.
- E. INSTALL EXPANSION FITTINGS IN RACEWAYS EVERY 200' LINEAR RUN OR WHEREVER STRUCTURAL EXPANSION JOINTS ARE CROSSED.
- F. PROVIDE NYLON PULL CORD IN ALL EMPTY CONDUITS.
- G. CONDUIT INSTALLATION
1. USE E.M.T. FOR ALL INTERIOR CONCEALED AND FOR EXPOSED WORK NOT SUBJECT TO MECHANICAL INJURY.
2. USE P.V.C. FOR ALL UNDER SLAB WORK OR WORK INSTALLED IN CONCRETE. USE RIGID METAL CONDUIT ELBOW AT STUP-UP LOCATIONS.
3. USE FLEXIBLE METAL CONDUIT FROM OUTLET BOXES TO RECESSED LIGHTING FIXTURE AND FINAL 24" OF CONNECTION TO ITEMS SUBJECT TO MOVEMENT OR VIBRATION.
4. USE LIQUID-TIGHT FLEXIBLE CONDUIT FOR FINAL 24" CONNECTION TO ITEMS WHERE SUBJECTED TO ONE OR MORE OF THE FOLLOWING CONDITIONS:
- a. MOIST OR HUMID ATMOSPHERE WHERE CONDENSATE CAN BE EXPECTED TO ACCUMULATE.
- b. CORROSIVE ATMOSPHERE.
- c. SUBJECTED TO WATER SPRAY OR DRIPPING OIL, WATER OR GREASE.
- d. FINAL CONNECTION TO ROTATING OR VIBRATING EQUIPMENT.
5. CUT CONDUITS STRAIGHT, PROPERLY REAM AND CUT THREADS FOR HEAVY WALL CONDUIT DEEP AND CLEAN.
6. FIELD BEND CONDUIT WITH BENDERS DESIGNED FOR THE PURPOSE SO AS NOT TO DISTORT NOR VARY INTERNAL DIAMETER.

CONDUCTORS

- I. CONDUCTORS
- A. ALL WIRE SHALL BE COPPER WITH THWN INSULATION.
- B. THE USE OF ARMORED , BX, NM, OR ANY MANUFACTURED CABLE ASSEMBLY (EXCEPT MC) SHALL NOT BE INCORPORATED INTO THE WORK.
- C. MC CABLE SHALL BE ACCEPTABLE FOR USE ON ALL 20 AMP 120V BREAKER CIRCUITS, ALL CIRCUITS 30 AMPS AND ABOVE AND ALL 200 VOLTS SHALL BE IN RACEWAY.
- D. ALL WIRING SHALL BE IN CONDUIT.
- E. COLOR CODING OF CONDUCTORS SHALL BE AS FOLLOWS:
1. 120/208V SYSTEMS: PHASE A- BLACK, PHASE B- RED, PHASE C- BLUE, NEUT. - WHITE, GND. - GREEN.
- F. AWG #10 AND SMALLER SHALL BE SOLID. AWG #8 AND LARGER SHALL BE STRANDED.
- II. WIRE CONNECTIONS
- A. ALL FEEDER AND SUB-FEEDER WIRING CONNECTIONS SHALL BE MADE WITH COMPRESSION CONNECTORS BY SQUARE D OR ACCEPTABLE EQUIVALENT.
- B. ALL BRANCH WIRING CONNECTIONS SHALL BE 3M SCOTCH LOCK CONNECTORS OR ACCEPTABLE EQUIVALENT.
- C. WHERE CABLE CONNECTIONS REQUIRE INSULATION, SCOTCH #33, ELECTRICAL TAPE SHALL BE USED FOR WRAPPING.

BOXES AND FITTINGS

- I. BOXES AND FITTINGS
- A. EXTENT OF ELECTRICAL BOX AND ASSOCIATED FITTING WORK IS INDICATED BY DRAWINGS AND SCHEDULES.
- II. OUTLET BOXES
- A. CEILING: 4" SQUARE, 2-1/8" DEEP FOR EXPOSED OR FURRED WORK; 3" DEEP FOR BOXES POURED IN CONCRETE. PROVIDE CONCRETE POUR BOXES OF THE TYPE SPECIALLY DESIGNED FOR THE APPLICATION. PROVIDE PLASTER RINGS WHERE REQUIRED.
- B. WALL: 4" SQUARE, 2-1/8" DEEP BOXES; PROVIDE EXTENSION RINGS OR COVERS OF SUFFICIENT DEPTH TO BRING COVERS FLUSH WITH THE FINISHED SURFACE.
- C. MASONRY: FOR FLUSH MOUNTED BOXES IN EXPOSED MASONRY OR TILE, PROVIDE COVERS WITH SQUARE CORNERS ON THE RAISED PORTION AND WITH SUFFICIENT DEPTH TO TRIM OUT FLUSH WITH FINISHED SURFACE.
- III. PULL AND JUNCTION BOXES
- A. PROVIDE BOXES WHERE REQUIRED TO FACILITATE THE PULLING OF WIRES OR CABLES. BOXES SHALL BE IN ACCORDANCE WITH ARTICLE 314 OF N.E.C..
- IV. ACCESSORIES
- A. PROVIDE CORROSION-RESISTANT KNOCKOUT CLOSURES, CONDUIT LOCKNUTS AND MALLEABLE IRON CONDUIT BUSHINGS, OFFSET CONNECTORS, OF TYPES AND SIZES, TO SUIT RESPECTIVE INSTALLATION REQUIREMENTS AND APPLICATIONS.
- V. INSTALLATION OF BOXES AND FITTINGS
- A. POSITION RECESSED OUTLET BOXES ACCURATELY TO ALLOW FOR SURFACE FINISH THICKNESS.
- B. FASTEN ELECTRICAL BOXES FIRMLY AND RIGIDLY TO SUBSTRATES OR STRUCTURAL SURFACES TO WHICH ATTACHED OR SOLIDLY EMBED ELECTRICAL BOXES IN CONCRETE OR MASONRY.
- VI. LOCATIONS OF OUTLETS
- A. IN GENERAL THE VARIOUS OUTLETS ARE TO BE LOCATED AT THE FOLLOWING HEIGHTS ABOVE FINISHED FLOOR TO THE CENTER LINE OF BOX, UNLESS NOTED OTHERWISE AT AN INDIVIDUAL OUTLET ON THE DRAWINGS:
- A. WALL SWITCHES (VERT. MTD.) 48"
- B. RECEPTACLES (VERT. MTD.) 18"
- C. PHONE OUTLETS (VERT. MTD.) 18"
- B. OUTLET MOUNTING HEIGHTS INDICATED ON THE DRAWINGS TAKE PRECEDENCE. REFER TO DRAWINGS FOR DETAILS OF OTHER EQUIPMENT MOUNTING HEIGHTS. MOUNTING HEIGHTS FOR FLUSH OUTLETS IN BLOCK WALLS MAY BE CHANGED FOR INSTALLATION. CONSULT OWNER'S REPRESENTATIVE IN FIELD PRIOR TO ANY SUCH INSTALLATION.

CONNECTIONS FOR EQUIPMENT

- I. CONNECTIONS FOR EQUIPMENT
- A. GENERAL: FOR EACH ELECTRICAL CONNECTION INDICATED PROVIDE COMPLETE ASSEMBLY OF MATERIALS, INCLUDING BUT NOT NECESSARILY LIMITED TO, PRESSURE CONNECTORS, TERMINALS (LUGS), ELECTRICAL INSULATING TAPE, HEAT-SHRINKABLE INSULATING TUBING, CABLE TIES, SOLDERLESS WIRE-NUTS, AND OTHER ITEMS AND ACCESSORIES AS NEEDED TO COMPLETE SPLICES AND TERMINATIONS OF TYPES INDICATED.

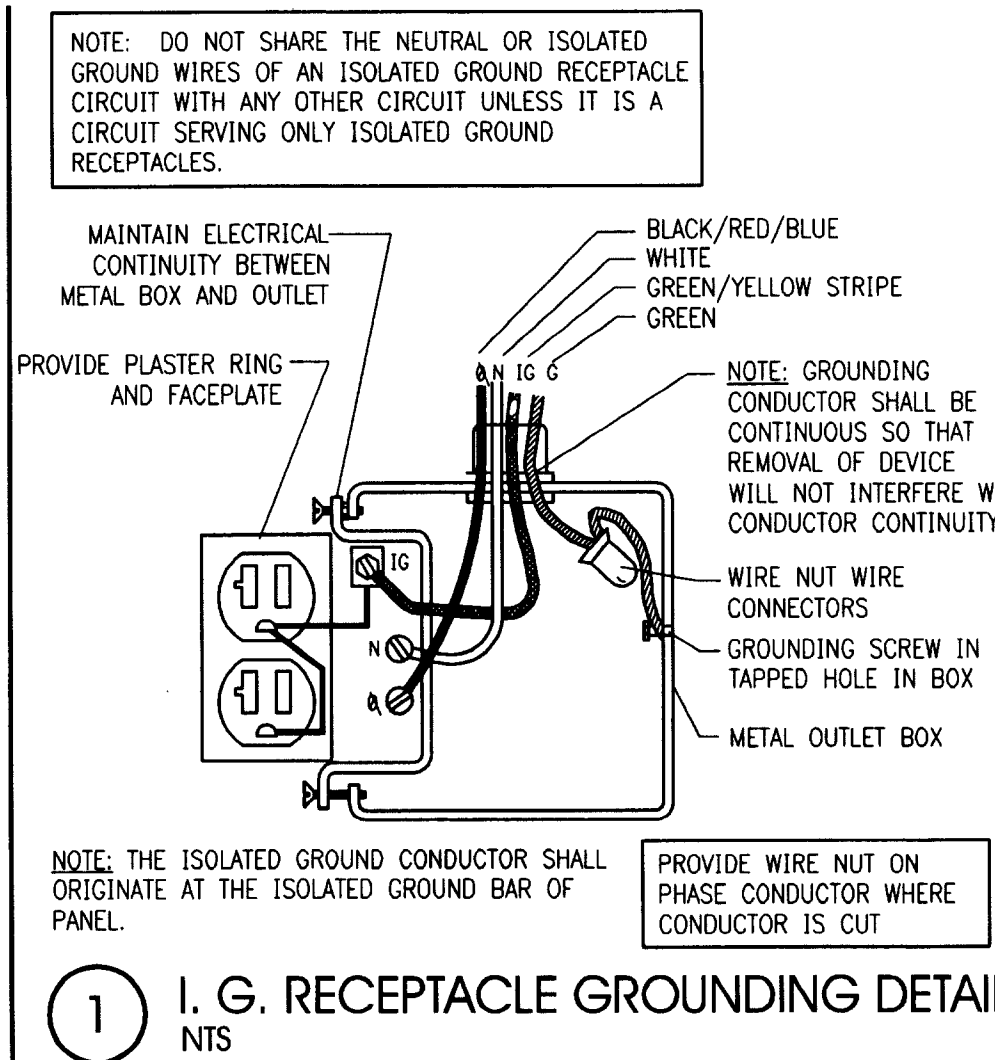
WIRING DEVICES

- I. WIRING DEVICES
- A. THE EXTENT OF WIRING DEVICE WORK IS INDICATED BY THE DRAWINGS AND SCHEDULES.
- B. PROVIDE WIRING DEVICES WHICH ARE U.L. LISTED AND LABELED.
- II. ACCEPTABLE MANUFACTURERS
- A. HUBBELL CO.
- B. GENERAL ELECTRIC CO.
- C. LEVITON MFG. CO.
- III. FABRICATED WIRING DEVICES
- A. SWITCHES SHALL BE 20 AMP, 120/277 VOLT RATED, HUBBELL #1221 - IVORY OR BROWN. (MATCH EXISTING)
- B. RECEPTACLES SHALL BE 20 AMP 125 VOLT RATED, HUBBELL #5362 - IVORY OR BROWN. (MATCH EXISTING) FOR OTHER APPLICATIONS REFER TO THE DRAWINGS.
- C. PROVIDE SMOOTH FINISH PLATES FOR ALL DEVICES WITH APPROPRIATE MOUNTING ARRANGEMENTS FOR GANGED DEVICES. FOR TELEPHONE AND DATA OUTLETS PROVIDE BUSHED HOLE COVER PLATES. PLATES SHALL BE IVORY, BROWN OR GRAY STAINLESS STEEL. (MATCH EXISTING)
1. IVORY PLATES FOR ALL AREAS, EXCEPT BROWN PLATES ON WOOD OR DARK SURFACES. (MATCH EXISTING)
2. IVORY DEVICES WHERE 302 STAINLESS STEEL OR IVORY PLATES ARE USED.
3. BROWN DEVICES WHERE BROWN PLATES ARE USED.

LIGHTING FIXTURES

- I. LIGHTING FIXTURES
- A. HANDLE LIGHTING FIXTURES CAREFULLY TO PREVENT DAMAGE, BREAKING AND SCORING. DO NOT INSTALL DAMAGED FIXTURES OR COMPONENTS, REPLACE WITH NEW.
- B. SHIP FIXTURES FACTORY ASSEMBLED, WITH PARTS REQUIRED FOR A COMPLETE INSTALLATION.
- C. FLUORESCENT BALLAST SHALL BE CLASS P, LOW-ENERGY RAPID START SOUND RATED A.
- D. PROVIDE FLUORESCENT LAMPS OF TYPES INDICATED.
- E. PROVIDE FIXTURES AND/OR FIXTURE OUTLET BOXES WITH HANGERS TO PROPERLY SUPPORT FIXTURE WEIGHT.
- F. INSTALL FLUSH MOUNTED FIXTURES TO ELIMINATE LIGHT LEAKAGE BETWEEN FRAME AND FINISHED SURFACE.
- G. AT DATE OF SUBSTANTIAL COMPLETION REPLACE LAMPS IN ALL FIXTURES WHICH ARE OBSERVED TO BE INOPERATIVE OR NOTICEABLY DIMMED AFTER CONTRACTORS USE AS JUDGED BY THE OWNER'S REPRESENTATIVE

| LOAD SUMMARY      |     |                 |                 |                   |
|-------------------|-----|-----------------|-----------------|-------------------|
| PANEL             |     | DECREASE (AMPS) | INCREASE (AMPS) | TOTAL LOAD (AMPS) |
| P – ORIGINAL LOAD | 200 |                 |                 | 132.0             |
| P – REMOVED LOAD  |     | 4.3             |                 |                   |
| P – ADDED LOAD    |     |                 | 8.3             |                   |
| P – NEW LOAD      |     |                 |                 | 136.0             |
| L – ORIGINAL LOAD | 100 |                 |                 | 82.0              |
| L – REMOVED LOAD  |     | 3.0             |                 |                   |
| L – ADDED LOAD    |     |                 | 4.0             |                   |
| L – NEW LOAD      |     |                 |                 | 83.0              |



LEGEND

- RECESSED FLUORESCENT LIGHTING FIXTURE
- RECESSED LIGHTING FIXTURE
- EXIT LIGHT (HATCHING DENOTES FACE)
- WALL MOUNTED LIGHTING FIXTURE. SEE SCHEDULE FOR MOUNTING HEIGHT.
- SURFACE OR PENDANT MOUNTED FLUORESCENT LIGHTING FIXTURE
- PENDANT FIXTURE
- SURFACE MOUNTED OR RECESSED EMERGENCY LIGHTING FIXTURE
- SINGLE POLE TOGGLE SWITCH
- TWO POLE TOGGLE SWITCH
- THREE-WAY TOGGLE SWITCH
- DUPLEX RECEPTACLE WITH ISOLATED GROUND
- DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE: MOUNTED HORIZONTALLY U.N.O
- QUADRUPLEX RECEPTACLE
- QUADRUPLEX RECEPTACLE WITH ISOLATED GROUND
- SPECIAL PURPOSE RECEPTACLE
- SINGLE RECEPTACLE
- VOICE/DATA JUNCTION BOX
- JUNCTION BOX
- MOTOR, FAN, PUMP OR AIR CONDITIONING UNIT
- LIGHTING AND/OR POWER PANELBOARD
- DISCONNECT SWITCH, RATING AS NOTED.
- NON-FUSED DISCONNECT SWITCH, RATING AS NOTED.
- HOMERUN TO PANELBOARD
- CEILING MOUNTED SMOKE DETECTOR
- CEILING MOUNTED SPEAKER

ABBREVIATIONS

- WP WEATHERPROOF
- AFF ABOVE FINISHED FLOOR
- UNO UNLESS NOTED OTHERWISE
- GFI GROUND FAULT INTERRUPT
- O.C. ON CENTER
- ETR EXISTING TO REMAIN
- PMC PROJECT MANAGEMENT COMPANY

CONTINUITY OF SERVICE

CONTINUED OPERATION OF EXISTING ELECTRICAL SHALL BE MAINTAINED DURING RENOVATION CONSTRUCTION TO THE MAXIMUM EXTENT POSSIBLE. ANY INTERRUPTION TO NORMAL BANKING OPERATIONS SHALL BE COORDINATED WITH THE OWNERS REPRESENTATIVE (PMC) AND SHALL OCCUR ONLY WHEN APPROVED AND SCHEDULED WITH THE OWNER.

Electrical Plans Examiner

*[Signature]*

ELECTRICAL DRAWING INDEX

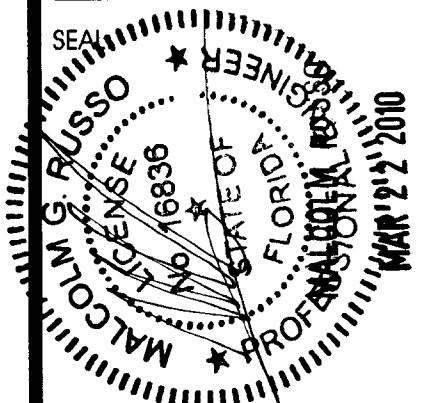
| SHEET | DESCRIPTION                                     |
|-------|-------------------------------------------------|
| E0.0  | SPECIFICATIONS, SYMBOL LEGEND AND DRAWING INDEX |
| E1.0  | ELECTRICAL PLAN – LIGHTING                      |
| E2.0  | ELECTRICAL PLAN – POWER                         |
| E3.0  | ELECTRICAL PLAN – SYSTEMS                       |
| E4.0  | ELECTRICAL RISER DIAGRAM AND PANEL SCHEDULES    |

INTERPLAN LLC

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CAB660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124



CONSULTANT:

REVISIONS:

| NO. | DATE     | REMARKS         |
|-----|----------|-----------------|
| 1   | 06-10-09 | PERMIT COMMENTS |
| 7   | 03-22-10 | PERMIT COMMENTS |

CHASE O

INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG D#1 1924 CHASE STORE D#1 1742  
1801 ALTON ROAD  
MIAMI, FL 33139

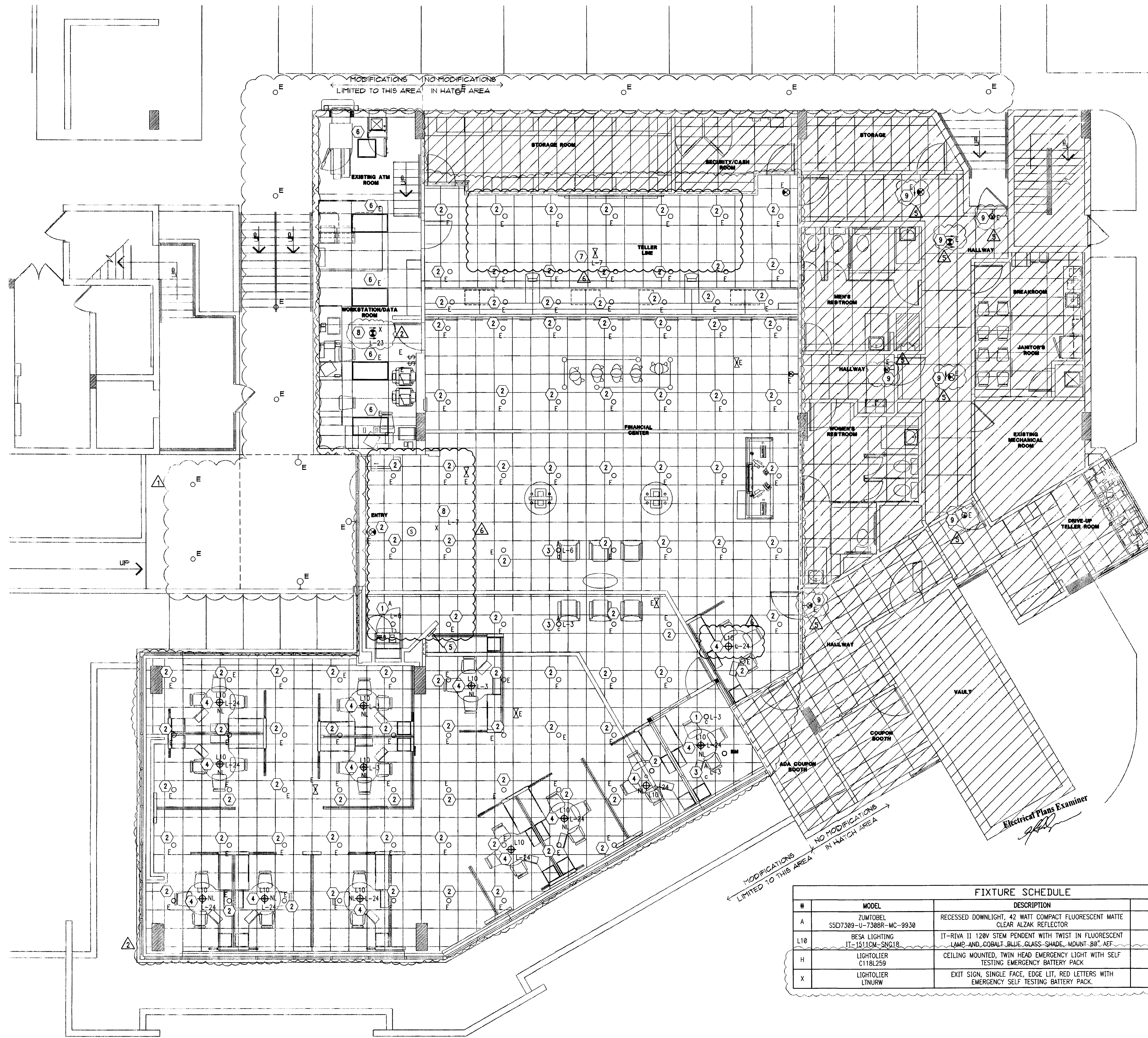
COPYRIGHT © 2037  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL JTF OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 04/30/2009

SPECS., SYMBOL  
LEGEND AND  
DRAWING INDEX

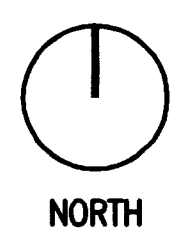
E0.0

DRAWN BY: SN  
CHECKED BY: MGR



| FIXTURE SCHEDULE |                                     |                                                                                                        |                    |
|------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------|
| #                | MODEL                               | DESCRIPTION                                                                                            | LAMP               |
| A                | ZUMTOBEL<br>SSD7389-U-7388R-MC-9930 | RECESSED DOWNLIGHT, 42 WATT COMPACT FLUORESCENT MATTE CLEAR ALZAK REFLECTOR                            | PL-T42W/30/4P/ALTO |
| L10              | BESA LIGHTING<br>IT-1511CM-SNG18    | IT-RIVA II 120V STEM PENDENT WITH TWIST IN FLUORESCENT LAMP AND COBALT BLUE GLASS SHADE, MOUNT 80" AEF | 18W LAMP           |
| H                | LIGHTOLIER<br>C118L259              | CEILING MOUNTED, TWIN HEAD EMERGENCY LIGHT WITH SELF TESTING EMERGENCY BATTERY PACK                    | (2) 7.2W INCLUDED  |
| X                | LIGHTOLIER<br>LTNURW                | EXIT SIGN, SINGLE FACE, EDGE LIT, RED LETTERS WITH EMERGENCY SELF TESTING BATTERY PACK                 | LED INCLUDED       |

ELECTRICAL PLAN - LIGHTING  
3/16" = 1'-0"



LIGHTING - DEMO GENERAL NOTES

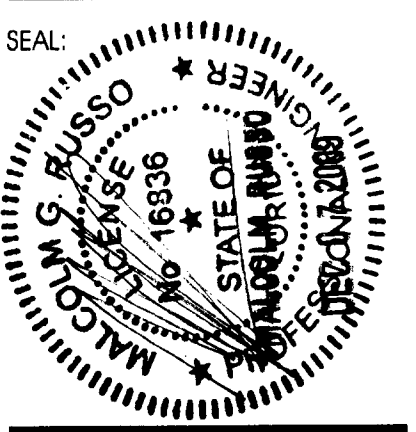
- REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXISTING LIGHTING TO BE REMOVED OR RELOCATED.
- ALL DEVICES SHOWN ON PLAN ARE EXISTING UNLESS OTHERWISE NOTED. REFER TO SYMBOL LEGEND FOR DEVICE DESCRIPTION.
- EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
- THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES WITHIN THE PROJECT AREA. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
- ALL CONDUITS SERVING OTHER SPACES THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED W/ BONDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
- THIS CONTRACTOR SHALL PROVIDE ELECTRICAL FOR PHASING WORK AS REQUIRED OR DIRECTED BY THE ARCHITECT. REFER TO ARCHITECTURAL PHASING PLAN. TEMPORARY ELECTRICAL SERVICES (POWER, LIGHTING, FIRE ALARM, ETC.) SHALL BE PROVIDED WHEN NEW WORK AFFECTS SERVICES NEEDING TO REMAIN ACTIVE.
- THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
- NO WORK BEING DONE ON EXTERIOR BUILDING DEVICES.

LIGHTING - NEW GENERAL NOTES

- ALL FIXTURES SHALL BE CIRCUITED TO EXISTING CIRCUITS UNLESS OTHERWISE NOTED. NUMBERS INDICATE CIRCUITING. CONTRACTOR SHALL VERIFY ACTUAL CIRCUITING IN THE FIELD.
- ALL WIRING SHALL BE IN CONDUIT. CONDUIT SIZE IS 1/2" MINIMUM UNLESS OTHERWISE NOTED. MC CABLE (MIN. 3/8") IS ALLOWED, HOWEVER, ALL HOMERUNS SHALL BE IN CONDUIT. ENT IS NOT PERMITTED. PVC IS ACCEPTABLE WHERE ALLOWED BY CODE. CONTRACTOR MAY USE EMT OR GRS AS ALLOWED BY CODE.
- WIRE SIZE SHALL BE MINIMUM #12 AWG, THIN SOLID COPPER UNLESS OTHERWISE NOTED. PROVIDE GROUND WIRE IN ALL RACEWAYS AND ANYWHERE REQUIRED BY CODE. INCREASE WIRE SIZE TO COMPENSATE FOR VOLTAGE DROP WHERE TOTAL LENGTH OF ANY BRANCH EXCEEDS 100 FEET.
- WIRE SIZE SHALL NOT BE LESS THAN CORRESPONDING CIRCUIT BREAKER RATING AS REQUIRED BY CODE.
- MAXIMUM NUMBER OF UNGROUNDED CONDUCTORS IN ANY CONDUIT SHALL BE THREE. ADDITIONAL WIRES ARE ACCEPTABLE IF WIRE SIZE IS INCREASED TO ALLOW FOR DERATING PER CODE. PROVIDE ADDITIONAL WIRES FOR SWITCHING AS REQUIRED.
- CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- TWO OR THREE LIGHTING CIRCUITS MAY SHARE A COMMON NEUTRAL.
- VERIFY MOUNTING AND LOCATION OF ALL FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION. REFER TO ARCHITECTURAL DRAWING A2.0 FOR DIMENSIONED LOCATIONS OF PENDANT FIXTURES.
- ALL EMERGENCY LIGHTS AND EXIT SIGN BATTERY UNITS SHALL BE PROVIDED WITH UNSWITCHED HOT AND CONNECTED TO LOCAL LIGHTING CIRCUIT. PROVIDE ALL NIGHT LIGHTS WITH AN UNSWITCHED HOT.
- CONTRACTOR SHALL CLEAN AND RE-LAMP ALL FIXTURES THAT ARE EXISTING TO REMAIN.

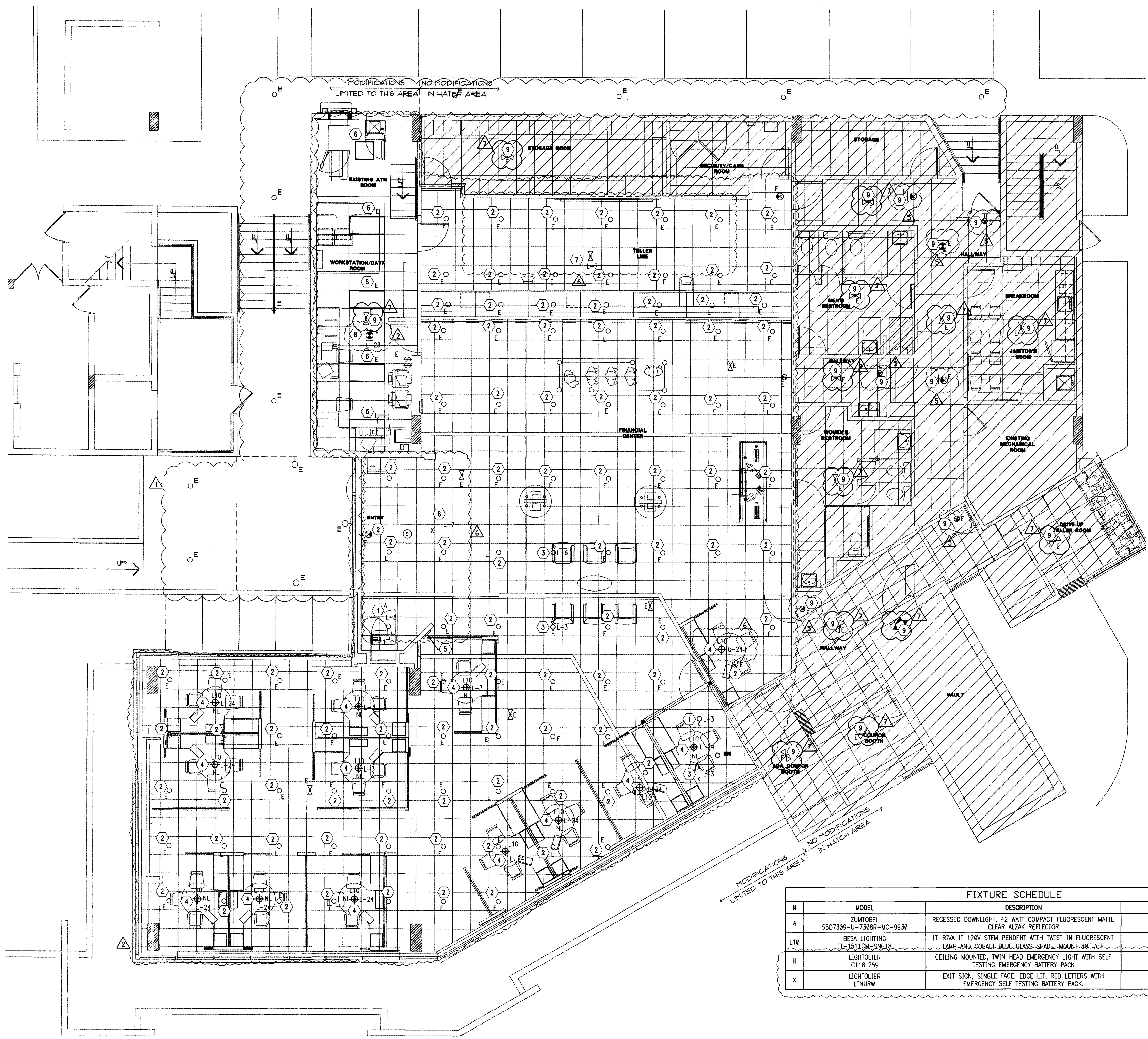
LIGHTING - NEW PLAN NOTES

- EXISTING FIXTURE BEING REUSED AND RELOCATED AS SHOWN. CONNECT TO CIRCUITING AND SWITCHING AS INDICATED. CONTRACTOR IS TO FIELD VERIFY EXISTING REFLECTOR IN FIXTURE. IF FOUND TO BE THE 45° CUTOFF REFLECTOR, CONTRACTOR IS TO REPLACE IT WITH THE STANDARD DOWNLIGHT REFLECTOR #7388R FROM ZUMTOBEL. CONTRACTOR IS TO INFORM PMC OF THIS CHANGE AND RECEIVE CONSENT PRIOR TO INSTALLATION. CLEAN AND RE-LAMP FIXTURE WITH TRIPLE TUBE 42W COMPACT FLUORESCENT LAMP.
- EXISTING FIXTURE BEING REUSED. EXISTING CIRCUITING AND SWITCHING TO REMAIN. CONTRACTOR IS TO FIELD VERIFY EXISTING REFLECTOR IN FIXTURE. IF FOUND TO BE THE 45° CUTOFF REFLECTOR, CONTRACTOR IS TO REPLACE IT WITH THE STANDARD DOWNLIGHT REFLECTOR #7388R FROM ZUMTOBEL. CONTRACTOR IS TO INFORM PMC OF THIS CHANGE AND RECEIVE CONSENT PRIOR TO INSTALLATION. CLEAN AND RE-LAMP FIXTURE WITH TRIPLE TUBE 42W COMPACT FLUORESCENT LAMP.
- PROVIDE NEW RECESSED DOWNLIGHT PER FIXTURE SCHEDULE. CONNECT TO CIRCUITING AND SWITCHING AS INDICATED.
- PROVIDE NEW PENDANT FIXTURE AS SHOWN. REFER TO FIXTURE SCHEDULE FOR MOUNTING HEIGHT. COORDINATE WITH ARCHITECTURAL PLANS. CONNECT TO CIRCUITING AS INDICATED. PENDANTS SHALL OPERATE AS NIGHT LIGHTING.
- EXISTING SWITCHBANK TO REMAIN.
- EXISTING FIXTURE BEING RE-USED. EXISTING CIRCUITING AND SWITCHING TO REMAIN. CONTRACTOR IS TO CLEAN AND RE-LAMP ALL FIXTURES.
- EXISTING EMERGENCY FIXTURE BEING REUSED AND/OR RELOCATED AS SHOWN. CONNECT TO CIRCUITING AS INDICATED. PROVIDE UNSWITCHED HOT TO BATTERY PACK. CLEAN AND RE-LAMP FIXTURE IF NECESSARY.
- PROVIDE NEW EMERGENCY FIXTURE AS SHOWN. CONNECT TO CIRCUITING AS INDICATED. PROVIDE UNSWITCHED HOT TO BATTERY PACK.
- EXISTING EXIT LIGHT LOCATION. GO TO FIELD VERIFY IF EXISTING LIGHT EXISTS. IF LIGHT DOES NOT EXIST, INSTALL AS LOCATED OR AS DIRECTED BY FIRE MARSHAL.



CONSULTANT:

| NO. | DATE     | REMARKS         |
|-----|----------|-----------------|
| 1   | 6-10-09  | PERMIT COMMENTS |
| 2   | 6-10-09  | OWNER REVISIONS |
| 5   | 10-05-09 | PERMIT COMMENTS |
| 6   | 12-03-09 | OWNER REVISIONS |



| #   | MODEL                               | DESCRIPTION                                                                                            | LAMP               |
|-----|-------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------|
| A   | ZUMTOBEL<br>SS07389-U-7388R-MC-9930 | RECESSED DOWNLIGHT, 42 WATT COMPACT FLUORESCENT MATTE CLEAR ALZAK REFLECTOR                            | PL-T42W/30/4P/ALTO |
| L10 | BESA LIGHTING<br>IT-1511CM-SNG18    | IT-RIVA II 120V STEM PENDENT WITH TWIST IN FLUORESCENT LAMP AND COBALT BLUE GLASS SHADE, MOUNT-BR, AEF | 18W LAMP           |
| H   | LIGHTOLIER<br>C118L259              | CEILING MOUNTED, TWIN HEAD EMERGENCY LIGHT WITH SELF TESTING EMERGENCY BATTERY PACK                    | (2) 7.2W INCLUDED  |
| X   | LIGHTOLIER<br>LTNURW                | EXIT SIGN, SINGLE FACE, EDGE LIT, RED LETTERS WITH EMERGENCY SELF TESTING BATTERY PACK.                | LED INCLUDED       |

LIGHTING - DEMO GENERAL NOTES

1. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR EXISTING LIGHTING TO BE REMOVED OR RELOCATED.
2. ALL DEVICES SHOWN ON PLAN ARE EXISTING UNLESS OTHERWISE NOTED. REFER TO SYMBOL LEGEND FOR DEVICE DESCRIPTION.
3. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
4. THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES WITHIN THE PROJECT AREA. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
5. ALL CONDUITS SERVING OTHER SPACES THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED W/ BONDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
6. ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
7. THIS CONTRACTOR SHALL PROVIDE ELECTRICAL FOR PHASING WORK AS REQUIRED OR DIRECTED BY THE ARCHITECT, REFER TO ARCHITECTURAL PHASING PLAN. TEMPORARY ELECTRICAL SERVICES (POWER, LIGHTING, FIRE ALARM, ETC) SHALL BE PROVIDED WHEN NEW WORK AFFECTS SERVICES NEEDING TO REMAIN ACTIVE.
8. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
9. NO WORK BEING DONE ON EXTERIOR BUILDING DEVICES.

LIGHTING - NEW GENERAL NOTES

1. ALL FIXTURES SHALL BE CIRCUITED TO EXISTING CIRCUITS UNLESS OTHERWISE NOTED. NUMBERS INDICATE CIRCUITING. CONTRACTOR SHALL VERIFY ACTUAL CIRCUITING IN THE FIELD.
2. ALL WIRING SHALL BE IN CONDUIT. CONDUIT SIZE IS 1/2" MINIMUM UNLESS OTHERWISE NOTED. MC CABLE (MIN. 3/8") IS ALLOWED, HOWEVER, ALL HOMERUNS SHALL BE IN CONDUIT. ENT IS NOT PERMITTED. PVC IS ACCEPTABLE WHERE ALLOWED BY CODE. CONTRACTOR MAY USE EMT OR GRS AS ALLOWED BY CODE.
3. WIRE SIZE SHALL BE MINIMUM #12 AWG, THIN SOLID COPPER UNLESS OTHERWISE NOTED. PROVIDE GROUND WIRE IN ALL RACEWAYS AND ANYWHERE REQUIRED BY CODE. INCREASE WIRE SIZE TO COMPENSATE FOR VOLTAGE DROP WHERE TOTAL LENGTH OF ANY BRANCH EXCEEDS 100 FEET.
4. WIRE SIZE SHALL NOT BE LESS THAN CORRESPONDING CIRCUIT BREAKER RATING AS REQUIRED BY CODE.
5. MAXIMUM NUMBER OF UNGROUNDED CONDUCTORS IN ANY CONDUIT SHALL BE THREE. ADDITIONAL WIRES ARE ACCEPTABLE IF WIRE SIZE IS INCREASED TO ALLOW FOR DERATING PER CODE. PROVIDE ADDITIONAL WIRES FOR SWITCHING AS REQUIRED.
6. CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
7. TWO OR THREE LIGHTING CIRCUITS MAY SHARE A COMMON NEUTRAL.
8. VERIFY MOUNTING AND LOCATION OF ALL FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION. REFER TO ARCHITECTURAL DRAWING A2.0 FOR DIMENSIONED LOCATIONS OF PENDANT FIXTURES.
9. ALL EMERGENCY LIGHTS AND EXIT SIGN BATTERY UNITS SHALL BE PROVIDED WITH UNSWITCHED HOT AND CONNECTED TO LOCAL LIGHTING CIRCUIT. PROVIDE ALL NIGHT LIGHTS WITH AN UNSWITCHED HOT.
10. CONTRACTOR SHALL CLEAN AND RE-LAMP ALL FIXTURES THAT ARE EXISTING TO REMAIN.

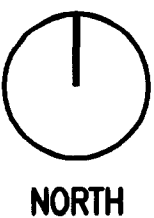
LIGHTING - NEW PLAN NOTES

1. EXISTING FIXTURE BEING REUSED AND RELOCATED AS SHOWN. CONNECT TO CIRCUITING AND SWITCHING AS INDICATED. CONTRACTOR IS TO FIELD VERIFY EXISTING REFLECTOR IN FIXTURE. IF FOUND TO BE THE 45° CUTOFF REFLECTOR, CONTRACTOR IS TO REPLACE IT WITH THE STANDARD DOWNLIGHT REFLECTOR #7308R FROM ZUMTOBEL. CONTRACTOR IS TO INFORM PWC OF THIS CHANGE AND RECEIVE CONSENT PRIOR TO INSTALLATION. CLEAN AND RE-LAMP FIXTURE WITH TRIPLE TUBE 42W COMPACT FLUORESCENT LAMP.
2. EXISTING FIXTURE BEING REUSED. EXISTING CIRCUITING AND SWITCHING TO REMAIN. CONTRACTOR IS TO FIELD VERIFY EXISTING REFLECTOR IN FIXTURE. IF FOUND TO BE THE 45° CUTOFF REFLECTOR, CONTRACTOR IS TO REPLACE IT WITH THE STANDARD DOWNLIGHT REFLECTOR #7308R FROM ZUMTOBEL. CONTRACTOR IS TO INFORM PWC OF THIS CHANGE AND RECEIVE CONSENT PRIOR TO INSTALLATION. CLEAN AND RE-LAMP FIXTURE WITH TRIPLE TUBE 42W COMPACT FLUORESCENT LAMP.
3. PROVIDE NEW RECESSED DOWNLIGHT PER FIXTURE SCHEDULE. CONNECT TO CIRCUITING AND SWITCHING AS INDICATED.
4. PROVIDE NEW PENDANT FIXTURE AS SHOWN. REFER TO FIXTURE SCHEDULE FOR MOUNTING HEIGHT. COORDINATE WITH ARCHITECTURAL PLANS. CONNECT TO CIRCUITING AS INDICATED. PENDANTS SHALL OPERATE AS NIGHT LIGHTING.
5. EXISTING SWITCHBANK TO REMAIN.
6. EXISTING FIXTURE BEING RE-USED. EXISTING CIRCUITING AND SWITCHING TO REMAIN. CONTRACTOR IS TO CLEAN AND RE-LAMP ALL FIXTURES.
7. EXISTING EMERGENCY FIXTURE BEING REUSED AND/OR RELOCATED AS SHOWN. CONNECT TO CIRCUITING AS INDICATED. PROVIDE UNSWITCHED HOT TO BATTERY PACK. CLEAN AND RE-LAMP FIXTURE IF NECESSARY.
8. PROVIDE NEW EMERGENCY FIXTURE AS SHOWN. CONNECT TO CIRCUITING AS INDICATED. PROVIDE UNSWITCHED HOT TO BATTERY PACK.
9. EXISTING EXIT/EMERGENCY LIGHT LOCATION. GO TO FIELD VERIFY IF EXISTING LIGHT EXISTS. IF LIGHT DOES NOT EXIST, INSTALL AS LOCATED OR AS DIRECTED BY FIRE MARSHAL.

Electrical Plans Examiner

*[Signature]*

ELECTRICAL PLAN - LIGHTING  
3/16" = 1'-0"

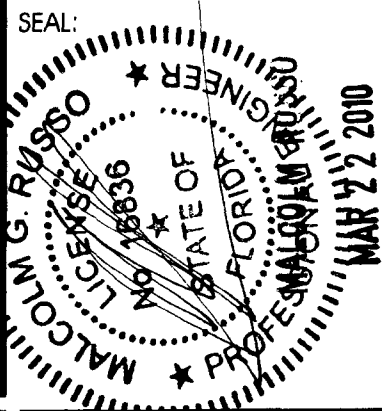


INTERPLAN LLC

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA8660

933 LEE ROAD, FIRST FLOOR  
ORLANDO, FLORIDA 32810  
PH 407.645.5008  
FX 407.629.9124



CONSULTANT:

| NO. | DATE     | REMARKS         |
|-----|----------|-----------------|
| 1   | 6-18-09  | PERMIT COMMENTS |
| 2   | 6-18-09  | OWNER REVISIONS |
| 5   | 10-05-09 | PERMIT COMMENTS |
| 6   | 12-03-09 | OWNER REVISIONS |
| 7   | 03-22-10 | PERMIT COMMENTS |

**CHASE**  
INTERIOR REBRANDING CONVERSION  
MIAMI BEACH - ALTON ROAD  
WAMU BLDG DF 1924 CHASE STORE DF 1742  
1801 ALTON ROAD  
MIAMI, FL 33139

COPYRIGHT © 2009  
INTERPLAN LLC RESERVES  
COPYRIGHT & OTHER RIGHTS  
RESTRICTING THESE DOCUMENTS  
TO THE ORIGINAL SITE OR  
PURPOSE FOR WHICH THEY WERE  
PREPARED. REPRODUCTIONS,  
CHANGES OR ASSIGNMENTS ARE  
PROHIBITED.

PROJECT NO: 2009.0109  
DATE: 04/30/2009

ELECTRICAL PLAN-  
LIGHTING

E1.0

DRAWN BY: SN  
CHECKED BY: MGR



DRAWN BY: SN  
CHECKED BY: MG



DRAWN BY: SN  
CHECKED BY: MGR

In addition to the requirement of this permit there may be additional restrictions applicable to this property that may be found in the Public Records of this County and there may be additional permits required from other government entities such as water management districts, state agencies, or federal agencies. The City of Miami Beach assumes no responsibility for accuracy of or reliance on these plans which are approved subject to compliance with all Federal, State, and Local Laws, Rules, and Regulations.

APPROVED FOR LEASE BY  
THE FOLLOWING:

BUILDING  
DRAWING  
CONTRACT  
CONTRACT  
CONTRACT  
FIRE  
FIRE  
FIRE  
ENGINEERING  
PUBLIC WORKS  
STRUCTURAL  
ELEVATOR



# MIAMI BEACH

## BUILDING DEPARTMENT

1700 Convention Center Drive, 2<sup>nd</sup> Floor  
Miami Beach, FL 33139  
Phone: (305) 673-7610 Fax: (305) 673-7857

### Owner/ Qualifier / Contractor Estimate Construction Cost Affidavit (To be submitted for the main/master permits or the stand alone permits)

Permit Number: B1103915

Date: 08-11-11

Job Address: 1801 Aton Rd, m.B.

Folio No.: 02-3233-012-0090

The construction cost should include the work under the main Permit and all associated permits.

#### Part I: FEMA 50% Related Construction Cost

Items to be excluded from Estimate Construction Cost for Part I (FEMA 50% Related Construction Cost):

Plan and Specification, Survey Cost, Permit Fees, Swimming Pools, detached structures (garages, storages, cabanas), Landscaping, Fences, Yard light, Not Built-ins Appliances and Furniture.

| Estimated Construction Cost                                     | General Contractor Cost | Owner Cost |
|-----------------------------------------------------------------|-------------------------|------------|
| Demolition & Removal                                            | \$12,000                |            |
| Building & Structural Elements                                  | \$110,000               |            |
| Roofing                                                         | —                       |            |
| Doors & Windows                                                 | \$15,000                |            |
| Railing                                                         | —                       |            |
| Interior Finish, Floor Covering, Painting                       | \$80,000                |            |
| Cabinets and Furniture-Built-Ins                                | \$8,000                 |            |
| Appliances-Built-Ins                                            | —                       |            |
| Other Building related Items                                    | —                       |            |
| Electrical including Fixtures                                   | \$140,000               |            |
| Elevator                                                        | —                       |            |
| Mechanical-HVAC-equipments                                      | \$15,000                |            |
| Plumbing including Fixtures                                     | —                       |            |
| Overhead and Profit                                             | \$20,000                |            |
| Sub Total Construction Cost                                     | \$200,000               | \$         |
| Sub Total Construction Cost Estimate for FEMA 50% Rule Purposes | \$                      |            |



# MIAMI BEACH

## BUILDING DEPARTMENT

1700 Convention Center Drive, 2<sup>nd</sup> Floor

Miami Beach, FL 33139

Phone: (305) 673-7610 Fax: (305) 673-7857

| Part II: Non Related FEMA 50% Construction Cost                     |                         |            |
|---------------------------------------------------------------------|-------------------------|------------|
| Estimated Construction Cost                                         | General Contractor Cost | Owner Cost |
| Swimming Pools                                                      | —                       |            |
| Fences, Pavers, Sidewalks, Site Improvements                        | —                       |            |
| Yard Light                                                          | —                       |            |
| Other and detached: garages, storage and cabanas                    | —                       |            |
| Sub Total Cost                                                      | \$ —                    | \$         |
| Sub Total Construction Cost Estimate for non FEMA 50% Rule Purposes | \$                      |            |

| Part III: Total Construction Cost (Note: The construction cost will be validated by Plan Examiners) |                  |
|-----------------------------------------------------------------------------------------------------|------------------|
| Estimated Construction Cost                                                                         |                  |
| Sub Total Construction Cost Estimate for FEMA 50% Rule Purposes-Part I                              | \$ 200,000       |
| Sub Total Construction Cost Estimate for Non FEMA 50% Rule Purposes- Part II                        | \$ —             |
| Total Construction Cost Estimate. (Add Part I and Part II of Construction Cost)                     | \$ \$ 200,000 rm |

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part IV: Signature Required</b>                                                                                                                                                                                                               |                                                                                                                                                                                                                          |
| <p>If the improvements cost will increase at any point during the proposed construction, it is Owner and the Contractor of Record responsibility to submit the revised improvements cost to the Building Department for review and approval.</p> |                                                                                                                                                                                                                          |
| <p>Signature of Owner</p> <p>STATE OF FLORIDA<br/>COUNTY OF <u>Miami-Dade</u></p> <p>Sworn to and Subscribed before me this <u>15<sup>th</sup></u> day of <u>August</u> 2011, by:<br/><u>Mauricio Delgado</u></p>                                |                                                                                                                                                                                                                          |
| <p><input checked="" type="checkbox"/> Personally known [ ] Produced Identification - Type of Identification</p> <p>Signature of Notary Public</p>                                                                                               | <p></p> <p>JENNIFER R. MONTERO<br/>MY COMMISSION # DD 937095<br/>EXPIRES: November 1, 2013<br/>Bonded Thru Budget Notary Services</p> |



# MIAMI BEACH

## BUILDING DEPARTMENT

1700 Convention Center Drive, 2<sup>nd</sup> Floor  
Miami Beach, FL 33139  
Phone: (305) 673-7610 Fax: (305) 673-7857

[Signature]  
Signature of Qualifier / Contractor

STATE OF FLORIDA  
COUNTY OF miam-Dade

Sworn to and Subscribed before me this 11<sup>th</sup> day of August 2011, by: Raul de la Sierra

☒ Personally known ☐ Produced Identification - Type of  
Identification \_\_\_\_\_

Jennifer Montero  
Signature of Notary Public



JENNIFER R. MONTERO  
MY COMMISSION # DD 937095  
EXPIRES: November 1, 2013  
Bonded Thru Budget Notary Services

### Part V: Building Department Use Only

|   |                                                                  |               |
|---|------------------------------------------------------------------|---------------|
| A | Sub Total Construction Cost Estimate for FEMA 50% Rule Purposes. | \$ 200,000    |
| B | Over Five Year Improvements                                      | \$ 333,384.23 |
| C | Total Improvements                                               | \$ 533,384.23 |
| D | Building Tax Assessed Value                                      | \$ 998,722    |
| E | Building Appraised Market Value                                  | \$            |
| F | Improvements Cost Ratio (C/E or C/D)                             | % 53.4        |

If improvements cost exceed 40% of the Building Tax Value, a building appraised market Value is required for evaluation of Improvement Cost Ratio.

Check one box:

☒ New Construction and Substantial Improvement ☐ Existing Building and Non Substantial Improvement

Carlos Fernandez  
Engineering Inspector Name

[Signature] 08/17/11  
Engineering Inspector Signature and Date

Note: Over \$1,000,000.00 Improvements Cost requires Chief Governmental Compliance Division Approval, over \$50,000,000.00 Improvements Cost requires Building Director Approval.

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature and Date

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

| SECTION A - PROPERTY INFORMATION                                                                                         |  | For Insurance Company Use: |
|--------------------------------------------------------------------------------------------------------------------------|--|----------------------------|
| A1. Building Owner's Name                                                                                                |  | Policy Number              |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>1801 ALTON ROAD |  | Company NAIC Number        |
| City MIAMI BEACH State FL ZIP Code 33139                                                                                 |  |                            |

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  
Portion of Block 11 of Island View Subdivision, PB 6, PG 115, Miami-Dade County OR 14848 PG 0576 (Folio#02-3233-012-0090)

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) NON-RESIDENTIAL

A5. Latitude/Longitude: Lat. 25.794032 Long. -80.141288

Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 1A

A8. For a building with a crawlspace or enclosure(s):

- a) Square footage of crawlspace or enclosure(s) N/A sq ft  
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A  
c) Total net area of flood openings in A8.b N/A sq in  
d) Engineered flood openings? ☐ Yes ☐ No

A9. For a building with an attached garage:

- a) Square footage of attached garage N/A sq ft  
b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A  
c) Total net area of flood openings in A9.b N/A sq in  
d) Engineered flood openings? ☐ Yes ☐ No

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

|                                                                          |                 |                                   |                                                     |                         |                                                                    |
|--------------------------------------------------------------------------|-----------------|-----------------------------------|-----------------------------------------------------|-------------------------|--------------------------------------------------------------------|
| B1. NFIP Community Name & Community Number<br>CITY OF MIAMI BEACH 120651 |                 | B2. County Name<br>DADE           |                                                     | B3. State<br>FLORIDA    |                                                                    |
| B4. Map/Panel Number<br>12025C0184                                       | B5. Suffix<br>J | B6. FIRM Index Date<br>01/20/1993 | B7. FIRM Panel Effective/Revised Date<br>03/02/1994 | B8. Flood Zone(s)<br>AE | B9. Base Flood Elevation(s) (Zone AO, use base flood depth)<br>EL8 |

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in item B9.

☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe) \_\_\_\_\_

B11. Indicate elevation datum used for BFE in item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No  
Designation Date \_\_\_\_\_ ☐ CBRS ☐ OPA

## SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

- C1. Building elevations are based on: ☐ Construction Drawings\* ☐ Building Under Construction\* ☒ Finished Construction\*  
\*A new Elevation Certificate will be required when construction of the building is complete.
- C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete items C2.a-h below according to the building diagram specified in item A7. Use the same datum as the BFE.  
Benchmark Utilized A-36 Vertical Datum 7.33  
Conversion/Comments N/A

Check the measurement used.

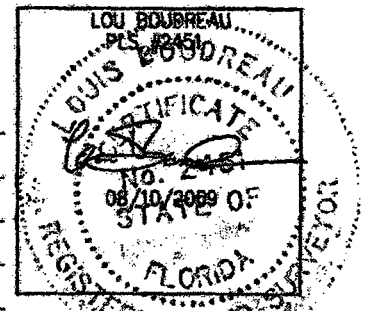
- |                                                                                                                            |              |                                          |                                                    |
|----------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------|----------------------------------------------------|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor)                                                | <u>10.04</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| b) Top of the next higher floor                                                                                            | <u>19.80</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| c) Bottom of the lowest horizontal structural member (V Zones only)                                                        | <u>N/A</u>   | <input type="checkbox"/> feet            | <input type="checkbox"/> meters (Puerto Rico only) |
| d) Attached garage (top of slab)                                                                                           | <u>N/A</u>   | <input type="checkbox"/> feet            | <input type="checkbox"/> meters (Puerto Rico only) |
| e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) | <u>N/A</u>   | <input type="checkbox"/> feet            | <input type="checkbox"/> meters (Puerto Rico only) |
| f) Lowest adjacent (finished) grade next to building (LAG)                                                                 | <u>9.73</u>  | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| g) Highest adjacent (finished) grade next to building (HAG)                                                                | <u>10.03</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support                               | <u>9.47</u>  | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |

## SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

☐ Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

|                                                                                               |                 |                                               |                         |
|-----------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------|-------------------------|
| Certifier's Name LOU BOUDREAU                                                                 |                 | License Number PLS 2451                       |                         |
| Title PROFESSIONAL LAND SURVEYOR                                                              |                 | Company Name BOCK & CLARK CORPORATION LB 7386 |                         |
| Address 8111 BLAIR COURT, SUITE B                                                             |                 | City SARASOTA                                 | State FL ZIP Code 34240 |
| Signature  | Date 08/10/2009 | Telephone 1-800-787-8397                      |                         |



|                                                                                                                      |                                   |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                | <b>For Insurance Company Use:</b> |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>1801 ALTON ROAD | Policy Number                     |
| City MIAMI BEACH State FL ZIP Code 33139                                                                             | Company NAIC Number               |

### SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments C 2 - Benchmark Report retrieval dated 8/9/2009 from Miami Dade County Published Benchmarks; C-2 - (e) air conditioning unit not observed at ground level, assumed to be on rooftop;

Signature \_\_\_\_\_ Date 08/10/2009 ☐ Check here if attachments

### SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.  
b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 of instructions), the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

### SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_  
Signature \_\_\_\_\_ Date \_\_\_\_\_ Telephone \_\_\_\_\_  
Comments \_\_\_\_\_

☐ Check here if attachments

### SECTION G - COMMUNITY INFORMATION (OPTIONAL)

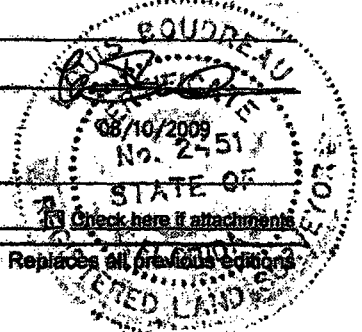
The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

|                   |                        |                                                     |
|-------------------|------------------------|-----------------------------------------------------|
| G4. Permit Number | G5. Date Permit Issued | G6. Date Certificate Of Compliance/Occupancy issued |
|-------------------|------------------------|-----------------------------------------------------|

- G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: \_\_\_\_\_ ☐ feet ☐ meters (PR) Datum \_\_\_\_\_
- G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_ ☐ feet ☐ meters (PR) Datum \_\_\_\_\_
- G10. Community's design flood elevation \_\_\_\_\_ ☐ feet ☐ meters (PR) Datum \_\_\_\_\_

Local Official's Name \_\_\_\_\_ Title \_\_\_\_\_ LOU BOUDREAU  
Community Name \_\_\_\_\_ Telephone \_\_\_\_\_ PLS #2451  
Signature \_\_\_\_\_ Date \_\_\_\_\_  
Comments \_\_\_\_\_



## Building Photographs

See Instructions for Item A6.

For Insurance Company Use:

Policy Number

Company NAIC Number

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  
1801 ALTON ROAD

City MIAMI BEACH State FL ZIP Code 33139

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two building photographs below according to the instructions for Item A6. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." If submitting more photographs than will fit on this page, use the Continuation Page on the reverse.

**DATE TAKEN: 08/10/2009**

**FRONT VIEW**



# Building Photographs

Continuation Page

|                                                                                                                                                                                                                                                |                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>1801 ALTON ROAD                                                                                                                           | For Insurance Company Use:<br>Policy Number |
| City MIAMI BEACH State FL ZIP Code 33139                                                                                                                                                                                                       | Company NAIC Number                         |
| If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." |                                             |

DATE TAKEN 08/10/2009

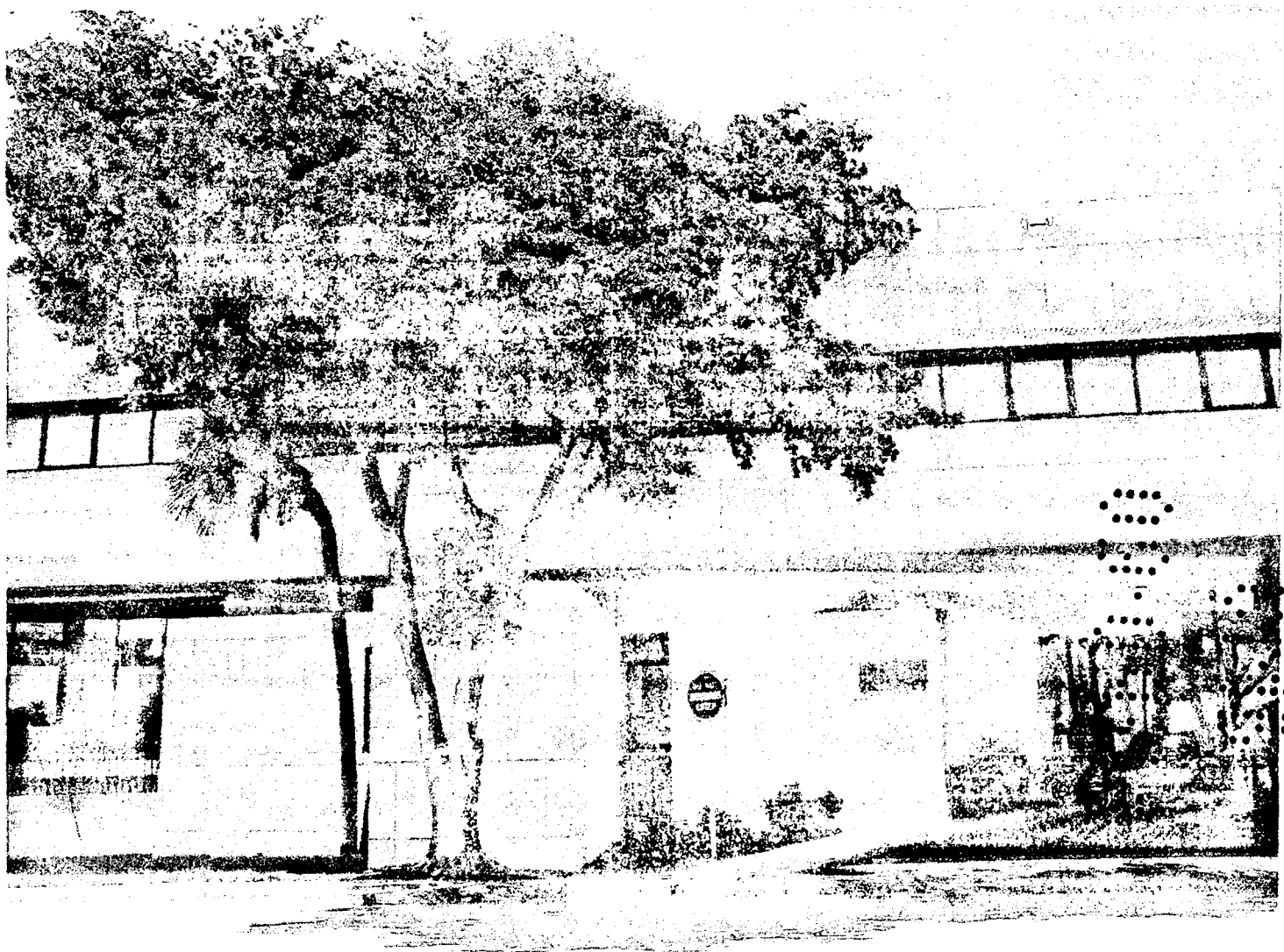
REAR VIEW



DATE TAKEN: 08/10/2009  
SIDE VIEW



DATE TAKEN: 08/10/2009  
SIDE VIEW



**Department of Environmental Resources Management  
Miami-Dade County  
Plan Review Summary**

Process Number: M2011007516

**FINAL CORE REVIEW DATE: 7/14/2011**

**OVERALL STATUS: Overall Approval**

**PROJECT DETAILS:**

**FOLIO: 02-3234-017-0150**

**ADDRESS: 1201 LINCOLN RD, , FL**

**PERMIT TYPE DESC.: INTERIOR BUILD OUT**

**CONTACT DETAILS:**

**NAME: DEBRA MENDEZ**

**EMAIL:**

**PHONE #: 9545797929**

**DISAPPROVAL CODES:**

| <b>TASK</b>         | <b>REVIEWED BY</b> | <b>STATUS DATE</b> | <b>STATUS</b> |
|---------------------|--------------------|--------------------|---------------|
| Initial Core Review | Miriam Negrin      | 07/13/2011         | Reviewed      |

|              |              |            |          |
|--------------|--------------|------------|----------|
| ASBES Review | Anthony Hung | 07/14/2011 | Approved |
|--------------|--------------|------------|----------|

Comments: Jul 14,2011: Asbestos affidavit submitted. A-0.3 Demolition interior partitions and floor finishes > 160 sf surface area.

|                   |               |            |                  |
|-------------------|---------------|------------|------------------|
| Final Core Review | Miriam Negrin | 07/14/2011 | Overall Approval |
|-------------------|---------------|------------|------------------|

Comments: city of miami pc#bd110187  
no change of use from shoe store to sprint retail store.

**PLAN CONDITIONS:**

**NO CONDITIONS**

*allocation Letter  
is not required, as per Miriam Negrin*

**PLAN REVIEW FEES (FEES ARE SUBJECT TO CHANGE PENDING FINAL APPROVAL):**

| <b>FEE CODE</b> | <b>DESCRIPTION</b>               | <b>USER</b> | <b>DATE</b> | <b>UNIT</b> | <b>TOTAL</b>    |
|-----------------|----------------------------------|-------------|-------------|-------------|-----------------|
| D015            | Asbestos Review                  | MIRIAM      | 07/14/2011  | 1           | \$175.00        |
| D034            | FastTrack Fee                    | ADMIN       | 07/01/2011  | 1           | \$80.00         |
| D034R           | FastTrack Fee                    | ADMIN       | 07/01/2011  | 1           | (\$80.00)       |
| D062            | Commercial & Multifam Min Review | MIRIAM      | 07/14/2011  | 1           | \$90.00         |
| <b>Total</b>    |                                  |             |             |             | <b>\$265.00</b> |

**FOR MORE INFORMATION PLEASE CONTACT:**

**YOUR DERM CORE REVIEWER: hadadm@miamidade.gov**

**DERM PERMITTING AND INSPECTION CENTER, 11805 SW 26 ST, 786-315-2800**

**DERM OVERTOWN TRANSIT CENTER, 701 NW 1 CT, 305-372-6899**

**Coastal:**

**dermcr@miamidade.gov**



Menu | Favorites | Help | Logout | PlanReview

User ID: SHAHIN

Admin Tools

Daily

ACCELA AUTOMATION®

|              |             |          |        |      |         |          |             |         |            |           |
|--------------|-------------|----------|--------|------|---------|----------|-------------|---------|------------|-----------|
| SmartManager | Application | Property | People | Fees | Cashier | Workflow | Attachments | Reports | Preference | Condition |
|--------------|-------------|----------|--------|------|---------|----------|-------------|---------|------------|-----------|

**Workflow****Application Name:** M2011007516**Application Type:** PlanReview / WD-Unincorporated Plan Review / Commercial / Addition**Application:** 2011-WDU-PR-08064

- ☐ Quality Control
- ☒ Plan Intake
- ☐ Hold Codes
- ☐ FLOOD Review
- ☒ Initial Core Review
  - AIR Review
  - COAST Review
  - GREASE Review
  - INDUST Review
  - P D Review
  - POLREM Review
  - PRETRT Review
  - TANKS Review
  - TREES Review
  - WETLAND Review
  - AIRPORT Review
  - WATER TREATMENT Review
  - PRED Review
- ☒ ASBES Review
- ☒ Final Core Review

**Task Details - Initial Core Review****Assigned Date:** 06/30/2011**Assigned To:****Current Status:** Reviewed**Action By:** Miriam Negrin**Status Comment:****Due Date:** 06/30/**Department:** MDPIC**Status Date:** 07/13/**Department:** MDPIC☒ **Display Comment in ACA****Comment Display in ACA**☐ All ACA Users☐ CAP Creator☐ Licensed Professional☐ Contact☐ Owner**Task Specific Information - Initial Core Review****GENERAL****Proposed Improvement Type \*** Alteration Interior**Proposed Sq. Ft. \*** 0 (Number)**Current Use \*** retail**ERP# \***

End of Process

n/a (Text)

ERP Condition

(4000 char max)

## FLOOD

Flood Zone \* NA

Base Flood Elevation \* Unknown

County Flood Criteria \* 0 (Number)

Unit Type \* NA

Unit Description (Text)

## ASBESTOS

Total Demolition

Number of Adjacent Demolition Projects (Number)

Asbestos Affidavit for SFH Submitted

## ALLOCATION

Allocation \* NA

Allocation # \* n/a (Text)

## WATER SUPPLY

Potable Water \* Public

PWO # (Text)

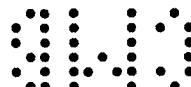
Location of Water Main \* abutting (Text)

Feasible Distance (Water) \* n/a (Text)

Water Utility Name \* mb (Text)

Water Extension # \* n/a (Text)

## WASTEWATER



AS per Miriam Negrin;  
Allocation Letter  
is not required!  
8/22/11

**Wastewater Disposal \*** Gravity Sewer  
**DWO #** (Text)  
**Sewage Loading**  
(4000 char max)  
**Location Of Sewer Main \*** abutting (Text)  
**Feasible Sewer (Distance) \*** n/a (Text)  
**Sewer Utility Name \*** wasd (Text)  
**Sewer Extension # \*** n/a (Text)  
**Holding Tank Permit #** (Text)  
**Septic Tank Covenant Filed Under \*** n/a (Text)  
**MDR Approval \*** ☐ Yes ☒ No  
**MDR #** (Text)  
**AAST Approval \*** ☐ Yes ☒ No  
**AAST #** (Text)

**COI**

**COI \*** ☐ Yes ☒ No  
**COI Identifier \*** None  
**COI Zone \*** NA  
**COI Covenant Filed Under \*** n/a (Text)

**OTHER**

**Contaminated Site \*** ☐ Yes ☒ No  
**EQCB \*** ☐ Yes ☒ No  
**NFC \*** ☐ Yes ☒ No  
**EEL \*** ☐ Yes ☒ No  
**Pinelands \*** ☐ Yes ☒ No

Wetlands \* ☐ Yes ☒ NoSuperfund Site \* ☐ Yes ☒ NoDump Site \* ☐ Yes ☒ NoSolid Waste Site \* ☐ Yes ☒ NoHydric Soil \* ☐ Yes ☒ No

Soil Type \* N/A

Annual Operating Permit(s)  (Text)**DISAPPROVAL CODES**Disapproval Code 01 Release Disapproval Code 01 ☐ Yes ☒ NoDisapproval Code 02 Release Disapproval Code 02 ☐ Yes ☒ NoDisapproval Code 03 Release Disapproval Code 03 ☐ Yes ☒ NoDisapproval Code 04 Release Disapproval Code 04 ☐ Yes ☒ NoDisapproval Code 05 Release Disapproval Code 05 ☐ Yes ☒ No

T 8 1 3 2 - I

0 4 0

**SECOND LOOK**

RECYCLED WALLCOVERING

March 4, 2009

D.L. Couch Wallcovering  
3900 S. Memorial Drive  
New Castle, IN 47362

To Whom It May Concern:

This will certify that LSI custom strike off patterns #31268 & #31950, produced with *Second-Look* construction, are Class A Fire Rated and meet or exceed all Type II requirements of CCC-W-408A/D, and Industry Voluntary Standard CFFA-W-101A/D.

**Performance Specifications**

|                          |                       |
|--------------------------|-----------------------|
| Total Weight             | 20 oz./ly (452 gr/M2) |
| Width                    | 52/54" (132/137 cm)   |
| Fabric                   | Osnaburg              |
| Breaking Strength (Avg.) | 115 x 100             |
| Tear Strength (Avg.)     | 55 x 75               |

**Fire Hazard Classification (ASTM E-84)**

|                      |    |
|----------------------|----|
| Flame spread         | 10 |
| Smoke Density Factor | 40 |

**Second-Look®**

- Contains 20% recycled content by weight
- Minimum 10% post-consumer

LSI Wallcovering

*Vicki Schweitzer*

Vicki Schweitzer  
Customer Service Manager



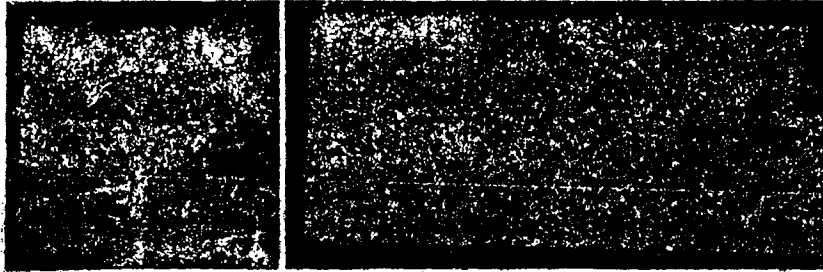
## NATURAL STONE COLLECTION

daltile®

**Emperador Dark (Polished) M725**

Marble

Tile



|                                               |                                                        |                                                                                                                                                                      |
|-----------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Country of Origin                             | Spain                                                  | Indicates country in which stone was originally quarried. Further processing and cutting may have taken place in countries other than those listed.                  |
| Durability                                    | 2                                                      | Medium/Light Commercial - Suitable for light commercial and residential use.                                                                                         |
| Soundness                                     | Group C                                                | These stones may contain holes, voids, lines or separation and structural flaws. It is standard practice to repair these stones by filling them or reinforcing them. |
| Shade Variation                               | M                                                      | Medium: Background color contains slight variations.                                                                                                                 |
| Exterior Usage                                | EW                                                     | Suitable for covered exterior walls in freezing and non-freezing climates.                                                                                           |
| Commercial Exterior Usage                     | EW                                                     | Suitable for covered exterior walls in freezing and non-freezing climates.                                                                                           |
| Stock Tile Sizes and Finishes                 | 18" x 18" x 5/8" Polished<br>12" x 12" x 3/8" Polished |                                                                                                                                                                      |
| Stock slab sizes and finishes                 | 1 1/4" (3 cm) Polished<br>3/4"                         |                                                                                                                                                                      |
| Special Order Sizes Available                 | Yes                                                    | Consult your Daltile Architectural Representative for more information on special sizes.                                                                             |
| Cut-To-Size Available                         | N/A                                                    |                                                                                                                                                                      |
| Alternate Finishes Available by Special Order | Tumbled<br>Honed                                       | Some finishes may require extended lead times.                                                                                                                       |

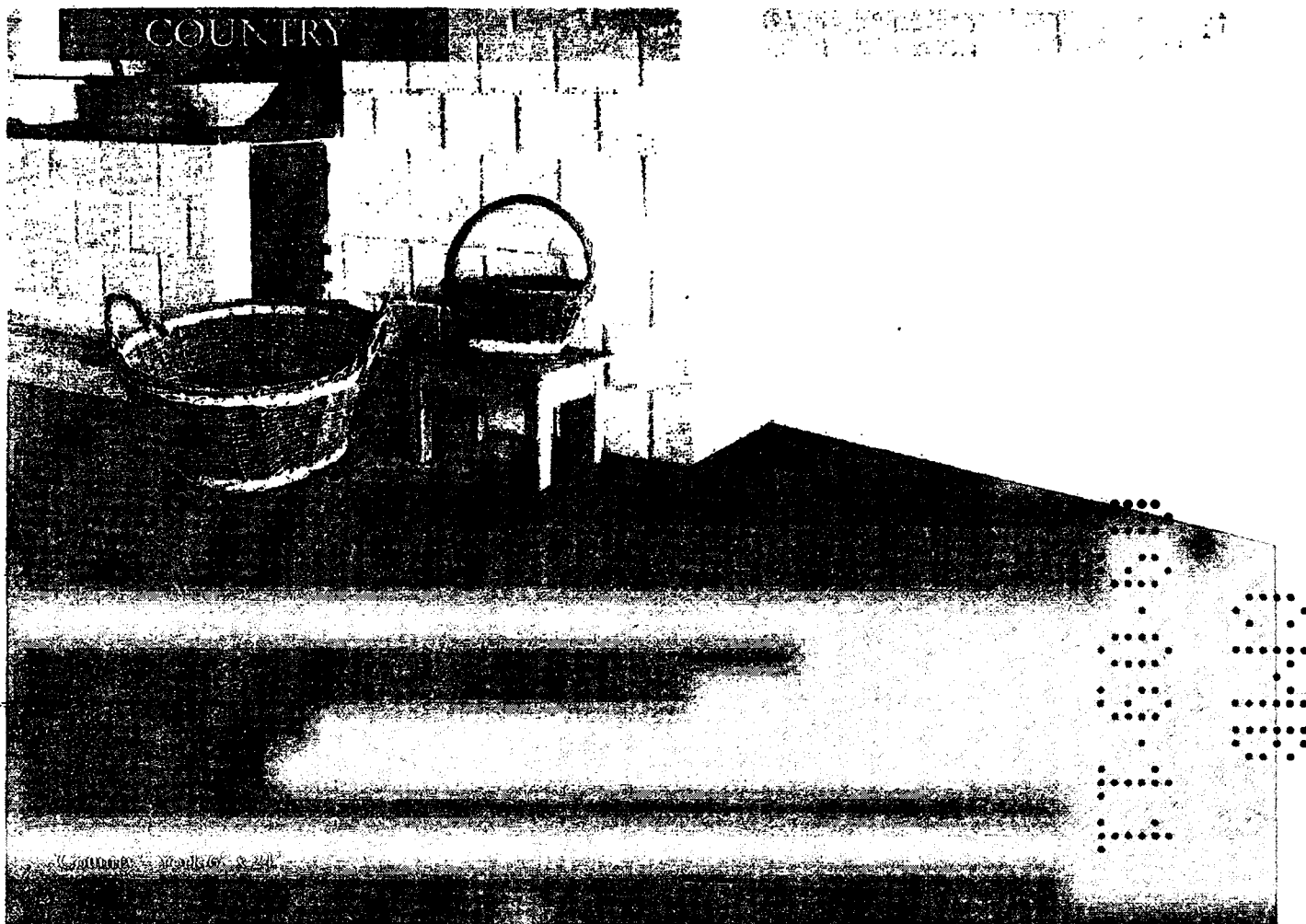
## Special Notes

- Not recommended in wet areas.
- ▼ Might contain dry seams, pits, fossils, and glass veins that are filled at the factory or during installation. These are all inherent characteristics of the stone. Since these voids can sometimes lose their fillings, they should be refilled as part of normal maintenance.
- A sealer is recommended. (Note: Some limestone and tumbled stone should be sealed prior to grouting.)

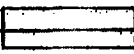
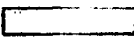
Consult your Daltile Architectural Representative for more information on special sizes.  
Some finishes may require extended lead times.

| Technical Information         | ASTM Test Method | Value *  |
|-------------------------------|------------------|----------|
| Absorption by Weight, %       | C97              | 0.197    |
| Density, lbs./ft.             | C97              | 163.8    |
| Compressive Strength, psi     | C170             | 12,708.0 |
| Abrasion Resistance, hardness | C241             | 38.04    |
| Flexural Strength, psi        | C880             | 634.0    |
| Weather Resistance            | C217             | N/A      |
| Modulus of Rupture, psi       | C120             | N/A      |

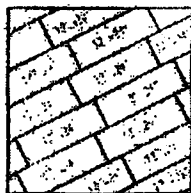
\* Technical values supplied by the Marble Institute of America (MIA) and American Society for Testing and Materials (ASTM), and provide a means of reference only. Actual performance may vary.



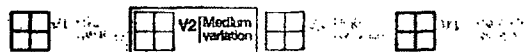
#### AVAILABLE SIZES

|                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  | 12' x 24' Field Tile<br>(Nominal 11.8" x 23.6")<br>(Nominal 12' x 24")<br>3/8" Thick |
|  | 6' x 24' Field Tile<br>(Nominal 5.9" x 23.6")<br>(Nominal 6' x 24")<br>3/8" Thick    |
|  | 4' x 24' Field Tile<br>(Nominal 3.9" x 23.6")<br>(Nominal 4' x 24")<br>3/8" Thick    |
|  | 4' x 12' Field Tile<br>(Nominal 3.9" x 11.8")<br>(Nominal 4' x 12")<br>3/8" Thick    |

#### SUGGESTED PATTERNS



#### COLOR SHADE VARIATION



Variations in color, finish, and texture are inherent in ceramic tile. Several boxes should be examined collectively prior to installation.

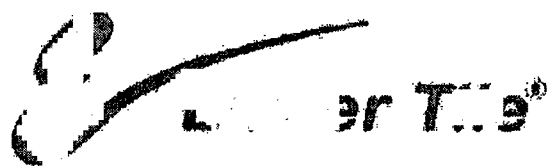
Grout Joint Recommendation: Approximately 3/16"

#### APPLICATION

Appropriate for interior and exterior floors and walls in freezing and non-freezing temperatures. Porcelain tile floors like other types of glazed floors can become slippery when wet. Take extra care when installing a floor product that will be exposed to conditions such as liquids, grease, or oil. Always follow proper installation methods.

#### TECHNICAL SPECIFICATIONS

| TEST NAME               | ASTM TEST   | TEST RESULTS                                       |
|-------------------------|-------------|----------------------------------------------------|
| Abrasion Resistance     | ASTM C-1027 | III                                                |
| Breaking Strength       | ASTM C-648  | 438 lbs                                            |
| Chemical Resistance     | ASTM C-660  | Resistant                                          |
| Coefficient of Friction | ASTM C-1028 | Dry Neolite $\geq 0.60$<br>Wet Neolite $\geq 0.60$ |
| Frost Resistance        | ASTM C-1026 | Resistant                                          |
| Scratch Hardness        | MOHS SCALE  | 7                                                  |
| Water Absorption        | ASTM C-373  | $\leq 5\%$                                         |



## Care and Maintenance and Limited Warranty

### General Care and Maintenance of Porcelain and Ceramic Tiles

- Sweep or vacuum your floors regularly
- Tend to spills quickly, floors may be slippery when wet, spills may discolor grout
- Wash tiles with clean water – if using soap or mild detergent make sure it is pH balanced
- Never use any cleaners that contain acid. Acidic or bleach based products may strip pigment from grout and will cause sanded grouts to deteriorate.

### General Care and Maintenance of Natural Stone floor and wall

All finishes of natural stone whether honed, polished, or tumbled, look beautiful and are very durable when protected and maintained properly. Natural stone products are inherently porous and therefore require a different maintenance than ceramic or porcelain tile. By following some simple guidelines, the life of the floor and/or wall can be extended.

- Sweep or vacuum your floors regularly, dirt and dust can scratch the surface
- Wash with clean water – if you use a soap make sure it is pH balanced
- It is recommended to only use cleansers specifically designed for cleaning natural stone.
- Never use any cleaners that contain ACID – when in doubt don't
- Never use bleach, vinegar, or lemon juice as these can etch and eventually damage the stones surface
- Tend to spills quickly – Sealers do not prevent 100% of damage due to spills
- Never apply wax or acrylics – this will damage the stone

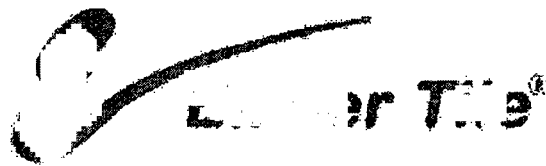
### General Care and Maintenance of Natural Stone Countertops

Natural stone is an excellent choice for kitchen, bathroom, and bar countertops. By following some simple guidelines, the life of the countertop can be extended.

- Never cut directly on the surface of the countertop
- Use coasters, tablecloths or placemats to avoid stains
- Clean up liquid spills quickly especially from acids like orange or lemon juice and oils like olive oil or other condiments which can harm your stone
- Do not place any hot cookware directly on top of the stone- Use a trivet or a hot pad between the counter and very hot cookware
- As with floor care do not use heavy abrasive cleansers or cleaning pads, use a soft sponge or cloth

### Sealing Natural Stone

Sealing is essential to protect the beauty and ensure the longevity of any natural stone product. A penetrating sealer is highly recommended for polished or honed marble, limestone, sandstone, tumbled stone, onyx and granite. A stone enhancer sealer may be used to enhance the color of the stone to its fullest potential. As part of routine maintenance procedure, all Emser Tile products require resealing on a regular basis.



### **General Warning**

Emser Tile does not manufacture installation products or natural stone cleaning / maintenance products. Please contact chemical and/or grout manufacturers directly prior to usage to obtain proper handling and application instructions. Emser Tile also strongly advises testing a small area prior to the full application of any chemical product to verify that unexpected discoloration does not occur.

Application of a sealer to the natural stone surface should never be done as an attempt to add a shine to a honed, scratched, or non-polished stone product. This will possibly create either maintenance or slip resistance problems. Consult the manufacturer of any surface altering product for more detailed information about the impact of its specific product on safety, or appearance.

### **Emser Tile® 1- Year Limited Warranty and Limitations on Liability**

~~Emser offers a warranty on its products to the original purchaser, for one year from the date of purchase, to be free of manufacturing defects.~~

Emser warrants only to its immediate customers and to no other person that its products will, on the date of ship, meet the foregoing terms of Emser's Bid Confirmation, Order Acknowledgement, or Sales Order pursuant to which such products were sold.

Tile and natural stone are subject to standard variances resulting from the manufacturing process or origin. Emser does not provide warranty on products that are within the industry standard variance levels.

### **Defects and Claims.**

In the event of a defect within any product distributed to Customer by Emser, Customer agrees to notify Emser immediately upon becoming aware of such defect. If a defect in manufacturing or coloring is identified in advance of installation, Customer agrees to not install any defective product without the written agreement of Emser.

Emser reserves the right to inspect any and all defects prior to any repair, remediation or settlement of such defect. In the event that Emser is requested to participate in the repair, remediation or settlement of any defect, Emser must be included in all discussions and decisions related to such repair, remediation and/or settlement. In the event that Customer fails to notify Emser on a timely basis, or fails to allow Emser the right of inspection, discussion or decision making in advance of repair, remediation or settlement of any defect, Customer agrees to release Emser from any liability for the defect or claim.

Customer misuse including negligence, physical or chemical abuse is not covered by this warranty. Improper installation, installation defects or errors are not covered by this warranty. Warranty claims must be submitted in writing 30 days upon discovery of the proposed defect.



## **Emser Tile® 1- Year Limited Warranty and Limitations on Liability**

**Limited Warranty** - Emser offers a warranty on its products to the original purchaser, for one year from the date of purchase, to be free of manufacturing defects.

Emser warrants only to its immediate customers and to no other person that its products will, on the date of ship, meet the foregoing terms of Emser's Bid Confirmation, Order Acknowledgement, or Sales Order pursuant to which such products were sold.

Tile and natural stone are subject to standard variances resulting from the manufacturing process or origin. Emser does not provide warranty on products that are within the industry standard variance levels.

- 1. Defects and Claims.** In the event of a defect within any product distributed to Customer by Emser, Customer agrees to notify Emser immediately upon becoming aware of such defect. If a defect in manufacturing or coloring is identified in advance of installation, Customer agrees to not install any defective product without the written agreement of Emser.

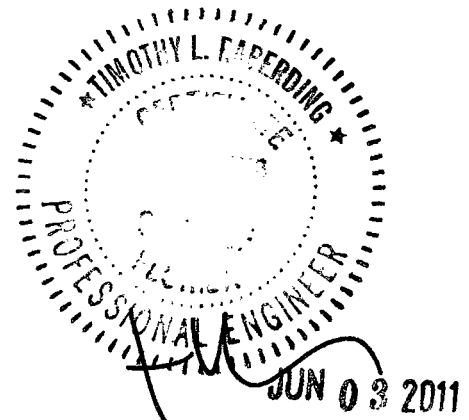
Emser reserves the right to inspect any and all defects prior to any repair, remediation or settlement of such defect. In the event that Emser is requested to participate in the repair, remediation or settlement of any defect, Emser must be included in all discussions and decisions related to such repair, remediation and/or settlement. In the event that Customer fails to notify Emser on a timely basis, or fails to allow Emser the right of inspection, discussion or decision making in advance of repair, remediation or settlement of any defect, Customer agrees to release Emser from any liability for the defect or claim.

Customer misuse including negligence, physical or chemical abuse is not covered by this warranty. Improper installation, installation defects or errors are not covered by this warranty. Warranty claims must be submitted in writing 30 days upon discovery of the proposed defect.

**Florida Energy Efficiency Code For Building Construction**  
**Florida Department of Community Affairs**  
**EnergyGauge Summit® Fla/Com-2008, Effective: March 1, 2009 -- Form 400B-2008**  
**Method B: Prescriptive Compliance for Renovations, Occupancy Change, etc.**

**PROJECT SUMMARY**

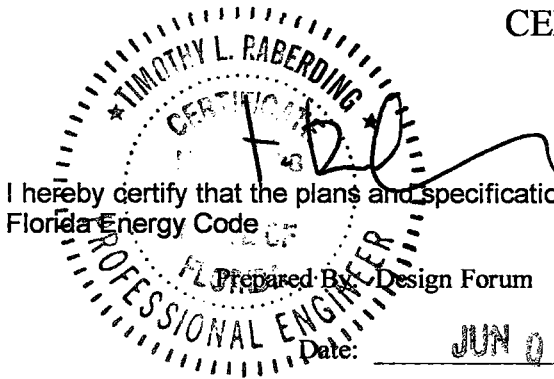
|                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Short Desc:</b> Chase CPC Alton Rd<br><b>Owner:</b> Chase<br><b>Address1:</b> 1801 Alton Rd<br><b>Address2:</b><br><br><b>Type:</b> Retail<br><b>Jurisdiction:</b> MIAMI BEACH, MIAMI-DADE COUNTY, FL (232500)<br><b>Conditioned Area:</b> 846 SF<br><b>No of Stories:</b> 1<br><b>Permit No:</b> 0 | <b>Description:</b> Chase CPC Alton Rd<br><br><b>City:</b> Miami Beach<br><b>State:</b> FL<br><b>Zip:</b> 33139<br><b>Class:</b> Renovation to existing building<br><br><b>Conditioned &amp; UnConditioned Area:</b> 846 SF<br><b>Area entered from Plans:</b> 0 SF<br><b>Max Tonnage:</b> 0<br><b>If different, write in:</b> _____ |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



## Compliance Summary

| Component                                                                                                                                             | Design  | Criteria | Result       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|--------------|
| RENOVATED ENVELOPE PRESCRIPTIVE                                                                                                                       |         |          | PASSES       |
| LIGHTING POWER                                                                                                                                        | 1,169.0 | 1,206.5  | PASSES       |
| LIGHTING CONTROLS                                                                                                                                     |         |          | PASSES       |
| EXTERNAL LIGHTING                                                                                                                                     |         |          | None Entered |
| HVAC SYSTEM                                                                                                                                           |         |          | None Entered |
| PLANT                                                                                                                                                 |         |          | None Entered |
| WATER HEATING SYSTEMS                                                                                                                                 |         |          | None Entered |
| PIPING SYSTEMS                                                                                                                                        |         |          | PASSES       |
| Met all required compliance from Check List?                                                                                                          |         |          | Yes/No/NA    |
| <p><b>IMPORTANT MESSAGE</b></p> <p>Info 5009 -- -- -- An input report of this design building must be submitted along with this Compliance Report</p> |         |          |              |

## CERTIFICATIONS



I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code

Prepared By: Design Forum

Building Official: \_\_\_\_\_

Date: JUN 03 2011

Date: \_\_\_\_\_

I certify that this building is in compliance with the FLorida Energy Efficiency Code

Owner Agent: \_\_\_\_\_

Date: \_\_\_\_\_

If Required by Florida law, I hereby certify (\*) that the system design is in compliance with the FLorida Energy Efficiency Code

Architect: Don Rethman

Reg No: Architect - 17505

Electrical Designer: Tim Raberding

Reg No: Engineer - 62078

Lighting Designer: Tim Raberding

Reg No: Engineer - 62078

Mechanical Designer: Tim Raberding

Reg No: Engineer - 62078

Plumbing Designer: Tim Raberding

Reg No: Engineer - 62078

(\*) Signature is required where Florida Law requires design to be performed by registered design professionals.

Project: Chase CPC Alton Rd  
Title: Chase CPC Alton Rd  
Type: Retail  
(WEA File: FL\_MIAMI\_INTL\_AP.tm3)

### Prescriptive Envelope Compliance

| Item      | Zone         | Description                  | Design | Criteria Meet Req. |
|-----------|--------------|------------------------------|--------|--------------------|
| Glass     | Second Floor | Percent glass Max allowed    | .000   | 50.000 Yes         |
| Skylights | Second Floor | Percent Skylight Max allowed | .000   | 5.000 Yes          |

**Meets Shell Envelope Requirements -- PASSES**

| External Lighting Compliance |          |           |                       |                                                   |             |            |
|------------------------------|----------|-----------|-----------------------|---------------------------------------------------|-------------|------------|
| Description                  | Category | Tradable? | Allowance<br>(W/Unit) | Area or Length<br>or No. of Units<br>(Sqft or ft) | ELPA<br>(W) | CLP<br>(W) |
| None                         |          |           |                       |                                                   |             |            |

**Project:** Chase CPC Alton Rd  
**Title:** Chase CPC Alton Rd  
**Type:** Retail  
**(WEA File: FL\_MIAMI\_INTL\_AP.tm3)**

| Lighting Power Compliance |           |                                         |              |             |               |            |               |               |
|---------------------------|-----------|-----------------------------------------|--------------|-------------|---------------|------------|---------------|---------------|
| Space                     | Ashrae ID | Description                             | Area (sq.ft) | Height (ft) | No. of Spaces | Design (W) | Effective (W) | Allowance (W) |
| SSA Area                  | 18,001    | Bank/Office Banking Activity Area       | 353          | 10.0        | 1             | 442        | 442           | 529           |
| Conference                | 15        | Conference/meeting (Multiple Functions) | 215          | 10.0        | 1             | 363        | 363           | 280           |
| Banker's Ar               | 18,001    | Bank/Office Banking Activity Area       | 258          | 10.0        | 1             | 312        | 312           | 388           |
| Coat Closet               | 5         | Corridor                                | 10           | 10.0        | 1             | 26         | 26            | 5             |
| Coat Closet               | 5         | Corridor                                | 10           | 10.0        | 1             | 26         | 26            | 5             |

**Design :** 1169 (W)  
**Effective:** 1169 (W)  
**Allowance:** 1206.52 (W)

**Passing requires Design to be at most 100% of Criteria**

**PASSES**

**Project: Chase CPC Alton Rd**  
**Title: Chase CPC Alton Rd**  
**Type: Retail**  
**(WEA File: FL MIAMI INTL AP.tm3)**

### Lighting Controls Compliance

| Acronym       | Ashrae ID | Description                             | Area (sq.ft) | Design CP | Min CP | Compliance |
|---------------|-----------|-----------------------------------------|--------------|-----------|--------|------------|
| SSA Area      | 18,001    | Bank/Office Banking Activity Area       | 353          | 2         | 1      | PASSES     |
| Conference #1 | 15        | Conference/meeting (Multiple Functions) | 215          | 3         | 1      | PASSES     |
| Banker's Area | 18,001    | Bank/Office Banking Activity Area       | 258          | 2         | 1      | PASSES     |
| Coat Closet   | 5         | Corridor                                | 10           | 1         | 1      | PASSES     |
| Coat Closet   | 5         | Corridor                                | 10           | 1         | 1      | PASSES     |

## PASSES

## System Report Compliance

No. of Units

| Component | Category | Capacity | Design Eff | Eff Criteria | Design IPLV | IPLV Criteria | Comp-liance |
|-----------|----------|----------|------------|--------------|-------------|---------------|-------------|
|-----------|----------|----------|------------|--------------|-------------|---------------|-------------|

None

## Plant Compliance

| Description | Installed<br>No | Size | Design<br>Eff | Min<br>Eff | Design<br>IPLV | Min<br>IPLV | Category | Comp<br>liance |
|-------------|-----------------|------|---------------|------------|----------------|-------------|----------|----------------|
|-------------|-----------------|------|---------------|------------|----------------|-------------|----------|----------------|

None

## Water Heater Compliance

| Description | Type | Category | Design Eff | Min Eff | Design Loss | Max Loss | Compliance |
|-------------|------|----------|------------|---------|-------------|----------|------------|
|-------------|------|----------|------------|---------|-------------|----------|------------|

None

**Project:** Chase CPC Alton Rd  
**Title:** Chase CPC Alton Rd  
**Type:** Retail  
**(WEA File: FL\_MIAMI\_INTL\_AP.tm3)**

## Piping System Compliance

| Category                               | Pipe Dia<br>[inches] | Is<br>Runout? | Operating Temp<br>[F] | Ins Cond<br>[Btu-in/hr<br>.SF.F] | Ins Thick [in] | Req Ins Thick [in] | Compliance |
|----------------------------------------|----------------------|---------------|-----------------------|----------------------------------|----------------|--------------------|------------|
| Domestic and Service Hot Water Systems | 0.50                 | False         | 105.00                | 0.28                             | 0.50           | 0.50               | PASSES     |
| Domestic and Service Hot Water Systems | 0.74                 | False         | 105.00                | 0.28                             | 0.50           | 0.50               | PASSES     |
| Domestic and Service Hot Water Systems | 1.00                 | False         | 105.00                | 0.28                             | 0.50           | 0.50               | PASSES     |

PASSES

Project: Chase CPC Alton Rd  
 Title: Chase CPC Alton Rd  
 Type: Retail  
 (WEA File: FL\_MIAMI\_INTL\_AP.tm3)

### Other Required Compliance

| Category                      | Section                     | Requirement (write N/A in box if not applicable)                                                                                                                                         | Check                    |
|-------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Report                        | 13-101                      | Input Report Print-Out from EnergyGauge FlaCom attached                                                                                                                                  | <input type="checkbox"/> |
| Operations Manual             | 13-102.1,<br>13-410, 13-413 | Operations manual provided to owner                                                                                                                                                      | <input type="checkbox"/> |
| Windows & Doors               | 13-406.AB.1.1               | Glazed swinging entrance & revolving doors: max. 1.0 cfm/ft <sup>2</sup> ; all other products: 0.4 cfm/ft <sup>2</sup>                                                                   | <input type="checkbox"/> |
| Joints/Cracks                 | 13-406.AB.1.2               | To be caulked, gasketed, weather-stripped or otherwise sealed                                                                                                                            | <input type="checkbox"/> |
| Dropped Ceiling Cavity System | 13-406.AB.3                 | Vented: seal & insulated ceiling. Unvented seal & insulate roof & side walls                                                                                                             | <input type="checkbox"/> |
| Reheat                        | 13-407                      | HVAC Load sizing has been performed                                                                                                                                                      | <input type="checkbox"/> |
| HVAC Efficiency               | 13-407.B                    | Electric resistance reheat prohibited                                                                                                                                                    | <input type="checkbox"/> |
| HVAC Controls                 | 13-407, 13-408              | Minimum efficiencies: Cooling Tables 13-407.AB.3.2.1A-D, Heating Tables 13-407.AB.3.2.1B, 13-407.AB.3.2.1D, 13-408.AB.3.2.1E, 13-408.AB.3.2F                                             | <input type="checkbox"/> |
| Ventilation Controls          | 13-407.AB.2                 | Zone controls prevent reheat (exceptions); simultaneous heating and cooling in each zone; combined HAC deadband of at least 5°F (exceptions)                                             | <input type="checkbox"/> |
| ADS                           | 13-409.AB.3                 | Motorized dampers reqd, except gravity dampers OK in: 1) exhaust systems and 2) systems with design outside air intake or exhaust capacity ≤300 cfm                                      | <input type="checkbox"/> |
| HVAC Ducts                    | 13-410                      | Duct sizing and Design have been performed                                                                                                                                               | <input type="checkbox"/> |
| Balancing                     | 13-410.AB                   | Air ducts, fittings, mechanical equipment & plenum chambers shall be mechanically attached, sealed, insulated & installed per Sec. 13-410 Air Distribution Systems                       | <input type="checkbox"/> |
| Piping Insulation             | 13-410.AB.4                 | HVAC distribution system(s) tested & balanced. Report in construction documents                                                                                                          | <input type="checkbox"/> |
| Water Heaters                 | 13-411.AB                   | In accordance with Table 13-411.AB.2                                                                                                                                                     | <input type="checkbox"/> |
| Swimming Pools                | 13-412.AB                   | Performance requirements in accordance with Table 13-412.AB.3. Heat trap required                                                                                                        | <input type="checkbox"/> |
| Hot Water Pipe Insulation     | 13-412.AB.2.6               | Cover on heated swimming pools: Time switch (exceptions); Readily accessible on/off switch                                                                                               | <input type="checkbox"/> |
| Water Fixtures                | 13-411.AB.3                 | Table 13-411.AB.2 for circulating systems, first 8 feet of outlet pipe from storage tank and between inlet pipe and heat trap                                                            | <input type="checkbox"/> |
| Motors                        | 13-412.AB.2.5               | Shower hot water flow restricted to 2.5 gpm at 80 psi. Public lavatory fixture hot water flow 0.5 gpm max; if self-closing valve 0.25 gallon recirculating, 0.5 gallon non recirculating | <input type="checkbox"/> |
| Lighting Controls             | 13-414                      | Motor efficiency criteria have been met                                                                                                                                                  | <input type="checkbox"/> |
|                               | 13-415.AB                   | Automatic control required for interior lighting in buildings >5,000 s.f.; Space control; Exterior photo sensor; Tandem wiring with 1 or 3 linear fluourescent lamps>30W                 | <input type="checkbox"/> |

# Material Safety Data Sheet

**NON-Hazardous Substance, NON-Dangerous Goods**

## 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Product name:** NYLON TUFTED CARPET TILE ON CUSHIONBAC™ BACKING

**Recommended use:** Carpet floor covering.

**Supplier:** Interface Aust Pty Limited

**ACN:** 000 692 026

**Street Address:** 4 Henry Street  
Picton, NSW 2571  
Australia

**Telephone:** + 61 1800 008 101

**Website:** www.InterfaceFLOR.com.au

**24/7 Emergency telephone number:** +61 1800 785 277

## 2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of NOHSC Australia.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

**Poisons Schedule (Aust):** Not applicable

## 3. COMPOSITION INFORMATION

| CHEMICAL                  | ENTITY CAS NO. | PROPORTION |
|---------------------------|----------------|------------|
| Nylon carpet fibre        | -              | 25-50%     |
| Polyvinyl chloride        | -              | 8-25%      |
| SBR Foam                  | -              | 15-25%     |
| Non-hazardous ingredients | -              | <8%        |
|                           |                | 100%       |

## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 03 474 7000).

**Inhalation:** Not applicable.

**Skin contact:** Not applicable.

**Eye contact:** Not applicable.

**Ingestion:** If obstruction persists seek medical advice.

**Notes to physician:** Treat symptomatically

# Material Safety Data Sheet

## 5. FIRE-FIGHTING MEASURES

- Specific hazards:** Not readily combustible, but will support combustion of other materials.
- Fire fighting further advice:** Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
- Hazchem Code:** Not applicable
- Suitable extinguishing media:** Not readily combustible, however, if material is involved in a fire use; water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

- Pick up large pieces. Sweep up, but avoid generating dust.
- Dangerous Goods – Initial Emergency Response Guide No:** Not applicable.

## 7. HANDLING AND STORAGE

- Handling:** Not applicable
- Storage:** Store in a clean, dry place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- National occupational exposure limits:**  
No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).
- Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.
- Engineering measures:** Natural ventilation should be adequate under normal use conditions.
- Personal protection equipment:** During handling and installation wear standard safety equipment - overalls and safety shoes. Always wash hands before smoking, eating, drinking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form / Colour / Odour:** Carpet tile, various colours.
- Solubility:** Insoluble in water.
- Specific Gravity (20 °C):** N Av
- Relative Vapour Density (air=1):** N App
- Vapour Pressure (20 °C):** N App

**Material Safety Data Sheet****Flash Point:** N App**Flammability Limits (%):** N App**Autoignition Temperature (°C):** N Av**Melting Point/Range (°C):** N App**Boiling Point/Range (°C):** N App**pH:** N App

(Typical values only - consult specification sheet)  
 N Av = Not available      N App = Not applicable

**10. STABILITY AND REACTIVITY****Chemical stability:** This material is thermally stable.**Conditions to avoid:** Extreme heat.**Incompatible:** No information available.**Hazardous decomposition products:** No information available.**Hazardous reactions:** No information available.**11. TOXICOLOGICAL INFORMATION**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Acute Effects****Inhalation:** Not expected to cause respiratory irritation.**Skin contact:** Not expected to be a skin irritant.**Eye contact:** Not expected to be an eye irritant.**Ingestion:** Not a likely source of exposure. May cause physical obstruction if ingested.**Long Term Effects:** No information available for product.**Acute toxicity / Chronic toxicity**

No LD50 data available for the product.

**12. ECOLOGICAL INFORMATION**

Avoid contaminating waterways.

**Ecotoxicity:** No information available.

## Material Safety Data Sheet

**Persistence and degradability:** No information available.

**Mobility:** No information available.

### 13. DISPOSAL CONSIDERATIONS

Best practice is to recover and recycle. For disposal refer to State/Territory Land Waste Management Authority.

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

#### MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

#### AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### 15. REGULATORY INFORMATION

**Poisons Schedule (Aust):** Not applicable

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

### 16. OTHER INFORMATION

#### Literary reference

This Material Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd on behalf of its client.

For further information about this product;

**Contact:** Interface Aust Pty Limited, Technical Manager

**Telephone:** + 612 4677 8801

**Email:** enquiries.AP@InterfaceFLOR.com

**Reason(s) For Issue:** New Contact Details

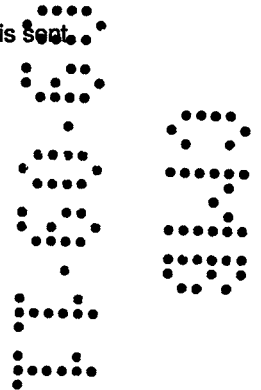
Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

## Material Safety Data Sheet

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Interface Australia Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.



# MATERIAL SAFETY DATA SHEET

## I. PRODUCT IDENTIFICATION

Name: Armstrong Resilient Sheet Flooring Products and  
Armstrong Resilient Tile Flooring Products  
Description: Vinyl Flooring

## II. DEPARTMENT OF TRANSPORTATION INFORMATION

Shipping name: Not Classified. Hazard Class: N/A. ID #: N/A  
EMERGENCY ONLY CONTACT: CHEM-TEL -1-800-255-3924

## III. HMIS (0=minimal hazard; 4 = severe hazard)

Health = 0 Flammability = 1 Reactivity = 0

## IV. PRODUCT CONTENT

This product does not contain chemicals subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR 372. All components are on TSCA inventory. This product does NOT contain asbestos.

## V. HAZARDOUS INGREDIENTS

| (Chemical Identity: Common Name) | C.A.S. No. | %   | OSHA PEL | ACGIH TLV |
|----------------------------------|------------|-----|----------|-----------|
| None                             | N/A        | N/A | N/A      | N/A       |

## DESCRIPTION AND INGREDIENT INFORMATION

These vinyl flooring products are produced for residential and commercial (architectural) marketplace use. They come in a wide variety of aesthetic designs, styles, colors, surface finishes, and sizes.

## MISCELLANEOUS INFORMATION

Each of these products is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200(c). They are formed to a specific shape or design during manufacture, have end use functions dependent upon their shape or design, and do not release any hazardous chemical under normal conditions of use.

## VI. PHYSICAL DATA

APPEARANCE: Material dependent. BOILING POINT (degrees F): N/A. VAPOR PRESSURE (mm Hg @ 20 degrees C): N/A. VAPOR DENSITY (Air = 1): N/A. PERCENT VOLATILE BY WEIGHT (30 min. @ 275 degrees F): N/A. EVAPORATION RATE (Butyl Acetate = 1): N/A. SOLUBILITY IN WATER: N/A. SPECIFIC GRAVITY (H<sub>2</sub>O = 1): N/A. pH: N/A.

## VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A. FLAMMABLE RANGE: LEL = N/A; UEL = N/A. EXTINGUISHING MEDIA: Water. SPECIAL FIRE FIGHTING PROCEDURES: Protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus. UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

## VIII. HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: N/A. TARGET ORGANS: N/A. EFFECTS OF OVEREXPOSURE: N/A. SKIN AND EYES: N/A. INHALATION: N/A. CARCINOGENICITY: NTP: No; IARC Monographs: No; OSHA Regulated: No. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A. FIRST AID PROCEDURES: N/A. SKIN AND EYES: N/A. INHALATION: N/A. INGESTION: N/A.

## IX. REACTIVITY DATA

STABILITY: N/A. INCOMPATIBILITY: N/A. HAZARDOUS DECOMPOSITION PRODUCTS: N/A. HAZARDOUS POLYMERIZATION: N/A.

## X. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: N/A. WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State, and Local Waste Disposal Regulations.



Resilient Sheet Flooring Products and  
Resilient Tile Flooring Products

Prepared 6/09

Armstrong World Industries, Inc.  
P. O. Box 3001  
Lancaster, PA 17604  
[www.armstrong.com](http://www.armstrong.com)  
MSDS: [www.floorexpert.com](http://www.floorexpert.com)  
Technical Services:  
1-877-276-7876, Option 2,3,3

## XI. SPECIAL HANDLING AND USE INFORMATION

VENTILATION: N/A. RESPIRATORY PROTECTION: N/A.  
SKIN AND EYE PROTECTION: N/A.

## XII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: N/A. OTHER PRECAUTIONS: N/A.

## XIII. WARNING

### FOR PREVIOUSLY INSTALLED FLOOR COVERING

DO NOT SAND, DRY SCRAPE, BEADBLAST, OR MECHANICALLY PULVERIZE EXISTING RESILIENT FLOORING, BACKING OR LINING FELT. THESE PRODUCTS MAY CONTAIN EITHER ASBESTOS FIBERS OR CRYSTALLINE SILICA. POSSIBLE CANCER AND RESPIRATORY TRACT HAZARD BY INHALATION. AVOID CREATING DUST. SMOKING BY INDIVIDUALS WHO HAVE BEEN EXPOSED TO ASBESTOS FIBERS GREATLY INCREASES THE RISK OF SERIOUS BODILY HARM. RFCI'S (Resilient Floor Covering Institute) RECOMMENDED WORK PRACTICES FOR REMOVAL OF RESILIENT FLOOR COVERINGS ARE A DEFINED SET OF INSTRUCTIONS ADDRESSED TO THE TASK OF REMOVING ALL RESILIENT FLOOR COVERING STRUCTURES.

## XIV. NOTICE

Various government agencies have regulations governing the removal of in-place asbestos-containing materials. If you contemplate the removal of a resilient floor covering structure that contains (or is assumed to contain) asbestos, you should determine whether such regulations apply.

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

N/A – not applicable or not available

N/K – none known or not known



## Material Safety Data Sheet

Revision Date: 14-Dec-2010

Revision Number: 2

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** BEN, INTERIOR ACRYLIC LATEX SEMI-GLOSS  
**Product Code** W627  
**Product Class** WATER THINNED PAINT  
**Color** All

**Manufacturer** Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 201-573-9600  
www.benjaminmoore.com

**Emergency Telephone Number(s)**  
CHEMTREC: 800-424-9300

### 2. COMPOSITION INFORMATION ON COMPONENTS

#### Hazardous Components

| Chemical Name             | CAS-No     | Weight % (max) |
|---------------------------|------------|----------------|
| Titanium dioxide          | 13463-67-7 | 25             |
| Kaolin                    | 1332-58-7  | 10             |
| Silica, amorphous         | 7631-86-9  | 5              |
| Acetic acid ethenyl ester | 108-05-4   | 0.5            |

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview

Vapors may be irritating to eyes, nose, throat, and lungs. May cause skin irritation and/or dermatitis.

**Appearance** liquid

**Odor** little or no odor

#### Potential Health Effects

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

#### Acute Effects

**Eyes** May cause slight irritation.  
**Skin** Substance may cause slight skin irritation.  
**Inhalation** May cause irritation of respiratory tract.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Effects** Repeated contact may cause allergic reactions in very susceptible persons.

See Section 11 for additional Toxicological information.

**Aggravated Medical Conditions** None known

**HMIS** Health: 1\* Flammability: 0 Reactivity: 0 PPE: -

**HMIS Legend**

0 - Minimal Hazard

1 - Slight Hazard

2 - Moderate Hazard

3 - Serious Hazard

4 - Severe Hazard

\* - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, Benjamin Moore & Co., has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

#### 4. FIRST AID MEASURES

|                           |                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------|
| <b>General Advice</b>     | No hazards which require special first aid measures.                                            |
| <b>Eye Contact</b>        | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.          |
| <b>Skin Contact</b>       | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. |
| <b>Inhalation</b>         | Move to fresh air. If symptoms persist, call a physician.                                       |
| <b>Ingestion</b>          | Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.  |
| <b>Notes To Physician</b> | Treat symptomatically                                                                           |

#### 5. FIRE-FIGHTING MEASURES

|                                                              |                                                                                                                                        |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b>                          | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                |
| <b>Protective Equipment And Precautions For Firefighters</b> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| <b>Specific Hazards Arising From The Chemical</b>            | Closed containers may rupture if exposed to fire or extreme heat.                                                                      |

|                                  |                |
|----------------------------------|----------------|
| Sensitivity To Mechanical Impact | No             |
| Sensitivity To Static Discharge  | No             |
| Flash Point Data                 |                |
| Flash Point (°F)                 | Not applicable |
| Flash Point (°C)                 | Not applicable |
| Flash Point Method               | Not applicable |
| Flammability Limits In Air       |                |
| Lower Explosion Limit            | Not applicable |
| Upper Explosion Limit            | Not applicable |

**NFPA**      Health: 1      Flammability: 0      Instability: 0      Special: Not Applicable

**NFPA Legend**

0 - Not Hazardous  
1 - Slightly  
2 - Moderate  
3 - High  
4 - Severe

The ratings assigned by Benjamin Moore & Co. are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at [www.nfpa.org](http://www.nfpa.org).

**6. ACCIDENTAL RELEASE MEASURES**

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Personal Precautions      | Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.                          |
| Environmental Precautions | Prevent further leakage or spillage if safe to do so.                                             |
| Methods For Clean-Up      | Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. |
| Other Information         | None known                                                                                        |

**7. HANDLING AND STORAGE**

|          |                                                                                                                                                                            |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling | Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment. |
| Storage  | Keep container tightly closed. Keep out of the reach of children.                                                                                                          |

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Limits****Hazardous Components**

| Chemical Name | ACGIH | OSHA |
|---------------|-------|------|
|---------------|-------|------|

|                           |                               |                                                                      |
|---------------------------|-------------------------------|----------------------------------------------------------------------|
| Titanium dioxide          | 10 mg/m <sup>3</sup> - TWA    | 15 mg/m <sup>3</sup> - TWA total                                     |
| Kaolin                    | 2 mg/m <sup>3</sup> - TWA     | 15 mg/m <sup>3</sup> - TWA total<br>5 mg/m <sup>3</sup> - TWA        |
| Silica, amorphous         | N/E                           | - (80)/(% SiO <sub>2</sub> ) mg/m <sup>3</sup> TWA<br>20 mppcf - TWA |
| Acetic acid ethenyl ester | 10 ppm - TWA<br>15 ppm - STEL | N/E                                                                  |

**Legend**

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety &amp; Health Administration Exposure Limits

N/E - Not Established

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment****Eye/Face Protection**

Safety glasses with side-shields.

**Skin Protection**

Protective gloves and impervious clothing.

**Respiratory Protection**

In case of insufficient ventilation wear suitable respiratory equipment.

**Hygiene Measures**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                            |                   |
|----------------------------|-------------------|
| Appearance                 | liquid            |
| Odor                       | little or no odor |
| Density (lbs/gal)          | 9.0 - 11.1        |
| Specific Gravity           | 1.07 - 1.33       |
| pH                         | Not available     |
| Evaporation Rate           | Not available     |
| Vapor Pressure             | Not available     |
| Vapor Density              | Not available     |
| Wt. % Solids               | 35 - 60           |
| Vol. % Solids              | 25 - 45           |
| Wt. % Volatiles            | 40 - 65           |
| Vol. % Volatiles           | 55 - 75           |
| VOC Regulatory Limit (g/L) | < 50              |
| Boiling Point (°F)         | 212               |
| Boiling Point (°C)         | 100               |
| Freezing Point (°F)        | 32                |
| Freezing Point (°C)        | 0                 |
| Flash Point (°F)           | Not applicable    |
| Flash Point (°C)           | Not applicable    |
| Flash Point Method         | Not applicable    |
| Upper Explosion Limit      | Not applicable    |
| Lower Explosion Limit      | Not applicable    |

**10. STABILITY AND REACTIVITY****Chemical Stability**

Stable under normal conditions.

**Conditions To Avoid**

Prevent from freezing

**Incompatible Materials**

No materials to be especially mentioned.

**Hazardous Decomposition Products**

None under normal use.

**Possibility Of Hazardous Reactions**

None under normal conditions of use.

|                                      |
|--------------------------------------|
| <b>11. TOXICOLOGICAL INFORMATION</b> |
|--------------------------------------|

**Acute Toxicity****Product**

No information available

**Component**Titanium dioxide

LD50 Oral: &gt; 24000 mg/kg (Rat)

LD50 Dermal: > 10000 mg/m<sup>2</sup> (Rabbit)

LC50 Inhalation (Dust): &gt; 6.82 mg/L (Rat, 4 hr.)

Kaolin

LD50 Oral: &gt; 5000 mg/kg (Rat)

Silica, amorphous

LD50 Oral: &gt; 10000 mg/kg (Rat)

LD50 Dermal: 2,000 mg/kg (Rabbit)

LC50 Inhalation (Dust): &gt; 2 mg/L

Acetic acid ethenyl ester

LD50 Oral: 2900 mg/kg (Rat)

LD50 Dermal: 2335 mg/kg (Rabbit)

LC50 Inhalation (Vapor): 114000 mg/m<sup>3</sup> (Rat, 4 hr.)**Chronic Toxicity****Carcinogenicity***The information below indicates whether each agency has listed any ingredient as a carcinogen:*

| Chemical Name             | ACGIH                                                                            | IARC                                 | NTP | OSHA<br>Carcinogen<br>Listed |
|---------------------------|----------------------------------------------------------------------------------|--------------------------------------|-----|------------------------------|
| Titanium dioxide          |                                                                                  | 2B - Possible<br>Human<br>Carcinogen |     | Listed                       |
| Acetic acid ethenyl ester | A3 - Confirmed<br>Animal<br>Carcinogen with<br>Unknown<br>Relevance to<br>Humans | 2B - Possible<br>Human<br>Carcinogen |     | Listed                       |

- Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

**Legend**

ACGIH - American Conference of Governmental Industrial Hygienists

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

OSHA - Occupational Safety &amp; Health Administration

**12. ECOLOGICAL INFORMATION****Ecotoxicity Effects****Product****Acute Toxicity to Fish**

No information available

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**Component****Acute Toxicity to Fish**

Titanium dioxide

LC50: &gt;1000 mg/L (Fathead Minnow - 96 hr.)

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with federal, state, and local regulations. Dry, empty containers may be recycled in a can recycling program. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

**14. TRANSPORT INFORMATION**

DOT

Not regulated

**14. TRANSPORT INFORMATION**

ICAO / IATA Not regulated

IMDG / IMO Not regulated

**15. REGULATORY INFORMATION****International Inventories**

United States TSCA Yes - All components are listed or exempt.  
Canada DSL Yes - All components are listed or exempt.

**Federal Regulations****SARA 311/312 hazardous categorization**

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | No  |
| Chronic Health Hazard             | Yes |
| Fire Hazard                       | No  |
| Sudden Release of Pressure Hazard | No  |
| Reactive Hazard                   | No  |

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| <u>Chemical Name</u>      | <u>CAS-No</u> | <u>Weight % (max)</u> |
|---------------------------|---------------|-----------------------|
| Acetic acid ethenyl ester | 108-05-4      | 0.5                   |

*This product may contain trace amounts of (other) SARA reportable chemicals. Contact Benjamin Moore & Co. for further information.*

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

| <u>Chemical Name</u>      | <u>CAS-No</u> | <u>Weight % (max)</u> |
|---------------------------|---------------|-----------------------|
| Acetic acid ethenyl ester | 108-05-4      | 0.5                   |

*This product may contain trace amounts of (other) HAPs chemicals. Contact Benjamin Moore & Co. for further information.*

**State Regulations****California Proposition 65**

This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

**State Right-to-Know**

| Chemical Name             | Massachusetts | New Jersey | Pennsylvania | Louisiana | Rhode Island |
|---------------------------|---------------|------------|--------------|-----------|--------------|
| Titanium dioxide          | X             | X          | X            |           | X            |
| Kaolin                    | X             | X          | X            |           | X            |
| Silica, amorphous         | X             | X          | X            |           |              |
| Acetic acid ethenyl ester | X             | X          | X            | X         | X            |

**Legend**

X - Listed

**16. OTHER INFORMATION**

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**Prepared By**

Product Stewardship Department  
Benjamin Moore & Co.  
360 Route 206 - P.O. Box 4000  
Flanders, NJ 07836  
866-690-1961

**Revision Date:**

14-Dec-2010

**Revision Summary**

Not available

**Disclaimer**

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

**End of MSDS**



## Material Safety Data Sheet

Revision Date: 25-Jan-2011

Revision Number: 4

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ben PREMIUM INTERIOR LATEX PRIMER  
**Product Code** W624  
**Product Class** WATER THINNED PAINT  
**Color** All

**Manufacturer**  
Benjamin Moore & Co.  
101 Paragon Drive  
Montvale, NJ 07645  
Phone: 201-573-9600  
www.benjaminmoore.com

**Emergency Telephone Number(s)**  
CHEMTREC: 800-424-9300

### 2. COMPOSITION INFORMATION ON COMPONENTS

#### Hazardous Components

| Chemical Name     | CAS-No     | Weight % (max) |
|-------------------|------------|----------------|
| Nepheline syenite | 37244-96-5 | 25             |
| Titanium dioxide  | 13463-67-7 | 15             |

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview

Vapors may be irritating to eyes, nose, throat, and lungs. May cause skin irritation and/or dermatitis.

**Appearance** liquid

**Odor** little or no odor

#### Potential Health Effects

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

#### Acute Effects

**Eyes** May cause slight irritation.  
**Skin** Substance may cause slight skin irritation.  
**Inhalation** May cause irritation of respiratory tract.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Effects** Repeated contact may cause allergic reactions in very susceptible persons.

See Section 11 for additional Toxicological information.

**Aggravated Medical Conditions** None known

**HMIS**      **Health:** 1\*      **Flammability:** 0      **Reactivity:** 0      **PPE:** -

**HMIS Legend**

0 - Minimal Hazard

1 - Slight Hazard

2 - Moderate Hazard

3 - Serious Hazard

4 - Severe Hazard

\* - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

*Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.*

*Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, Benjamin Moore & Co., has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.*

#### 4. FIRST AID MEASURES

|                           |                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------|
| <b>General Advice</b>     | No hazards which require special first aid measures.                                            |
| <b>Eye Contact</b>        | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.          |
| <b>Skin Contact</b>       | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. |
| <b>Inhalation</b>         | Move to fresh air. If symptoms persist, call a physician.                                       |
| <b>Ingestion</b>          | Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.  |
| <b>Notes To Physician</b> | Treat symptomatically                                                                           |

#### 5. FIRE-FIGHTING MEASURES

|                                                              |                                                                                                                                        |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b>                          | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                |
| <b>Protective Equipment And Precautions For Firefighters</b> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| <b>Specific Hazards Arising From The Chemical</b>            | Closed containers may rupture if exposed to fire or extreme heat.                                                                      |
| <b>Sensitivity To Mechanical Impact</b>                      | No                                                                                                                                     |