



**Hallandale Beach**  
 PROGRESS. INNOVATION. OPPORTUNITY.

**CITY OF HALLANDALE BEACH  
 CITY HALL OFFICE RENOVATION  
 400 SOUTH FEDERAL HIGHWAY  
 HALLANDALE BEACH, FLORIDA 33009**

**JANUARY 18, 2016  
 BID SET**

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E-201	LIGHTING FIRST FLOOR PLAN	01.18.2016		
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ED-301	POWER DEMOLITION FIRST FLOOR PLAN	01.18.2016		
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E-301	POWER FIRST FLOOR PLAN	01.18.2016		
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E-501	ELECTRICAL RISER	01.18.2016		
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**OWNER'S NAME:** CITY HALL of HALLANDALE BEACH  
**OWNER'S ADDRESS:** 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH - FLORIDA 33009  
**OWNER'S PHONE No.:** (954) 458-3251

**LOCATION**

PROJECT LOCATION



**PRIME CONSULTANT / ARCHITECT OF RECORD:**

**ACAI**  
 associates, inc.  
 architecture • engineering  
 roofing • consulting  
 construction management  
 AAC001323 • EB0004379 • CGC010769  
 2937 W. Cypress Creek Rd., Suite 200  
 Fort Lauderdale, Florida 33309  
 Tel: 954.484.4000 • Fax: 954.484.5588  
 www.acaiworld.com  
 PROFESSIONAL IN CHARGE  
 GEORGE H. HOHMANN, AIA  
 REGISTRATION  
 NUMBER AR-0008448

**MECHANICAL, ELECTRICAL AND PLUMBING:**

**JALRW ENGINEERING GROUP**  
 MECHANICAL, ELECTRICAL, PLUMBING ENGINEERS  
 2510 NW 97TH AVENUE, SUITE 220  
 MIAMI, FLORIDA 33172  
 VOICE: 305.594.0660 FAX: 305.694.0907

**ACAI PROJECT # 15-015 G02**

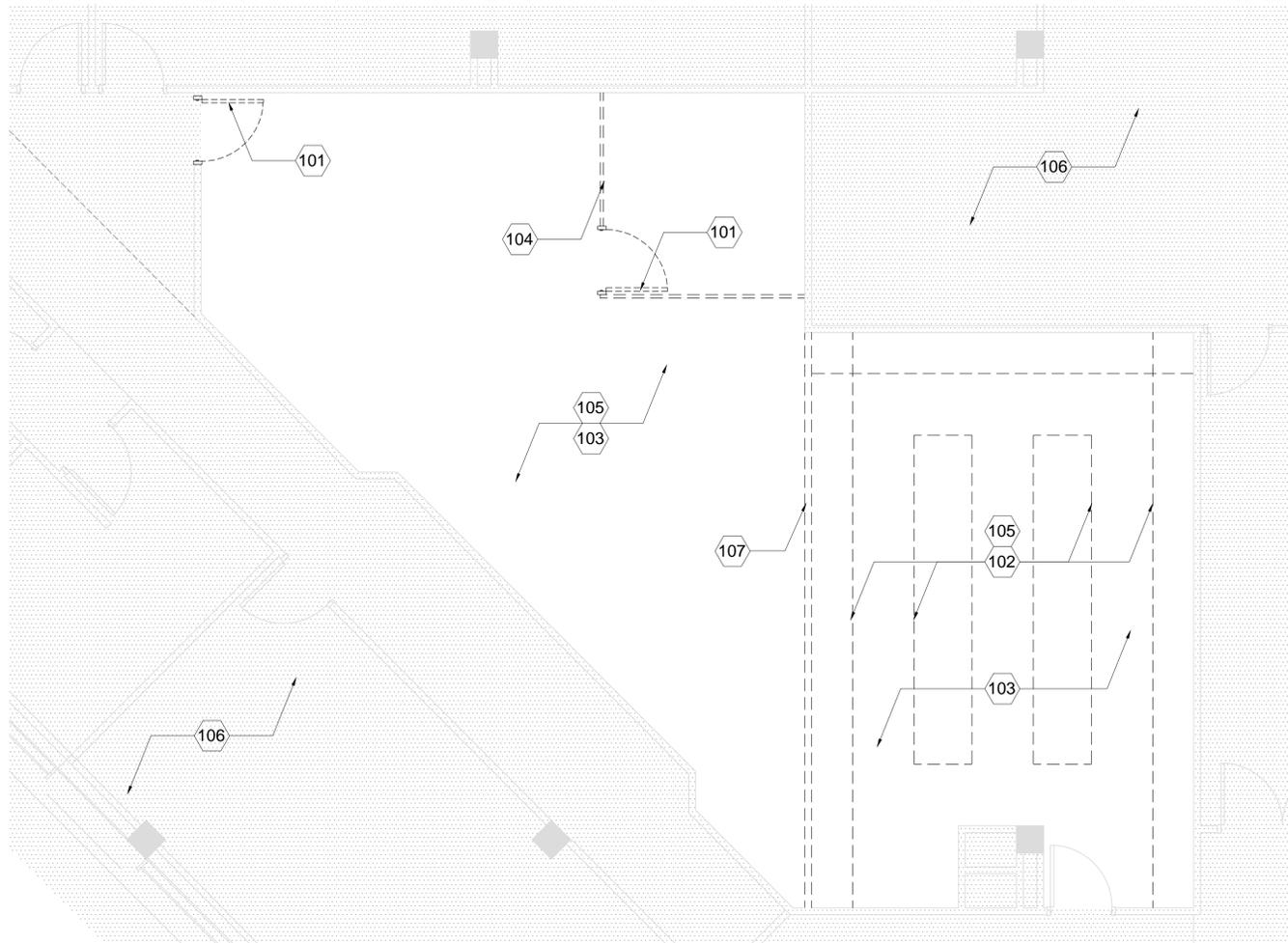












## 01 SECOND FLOOR - DEMOLITION PLAN

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

### DEMOLITION PLAN GENERAL NOTES:

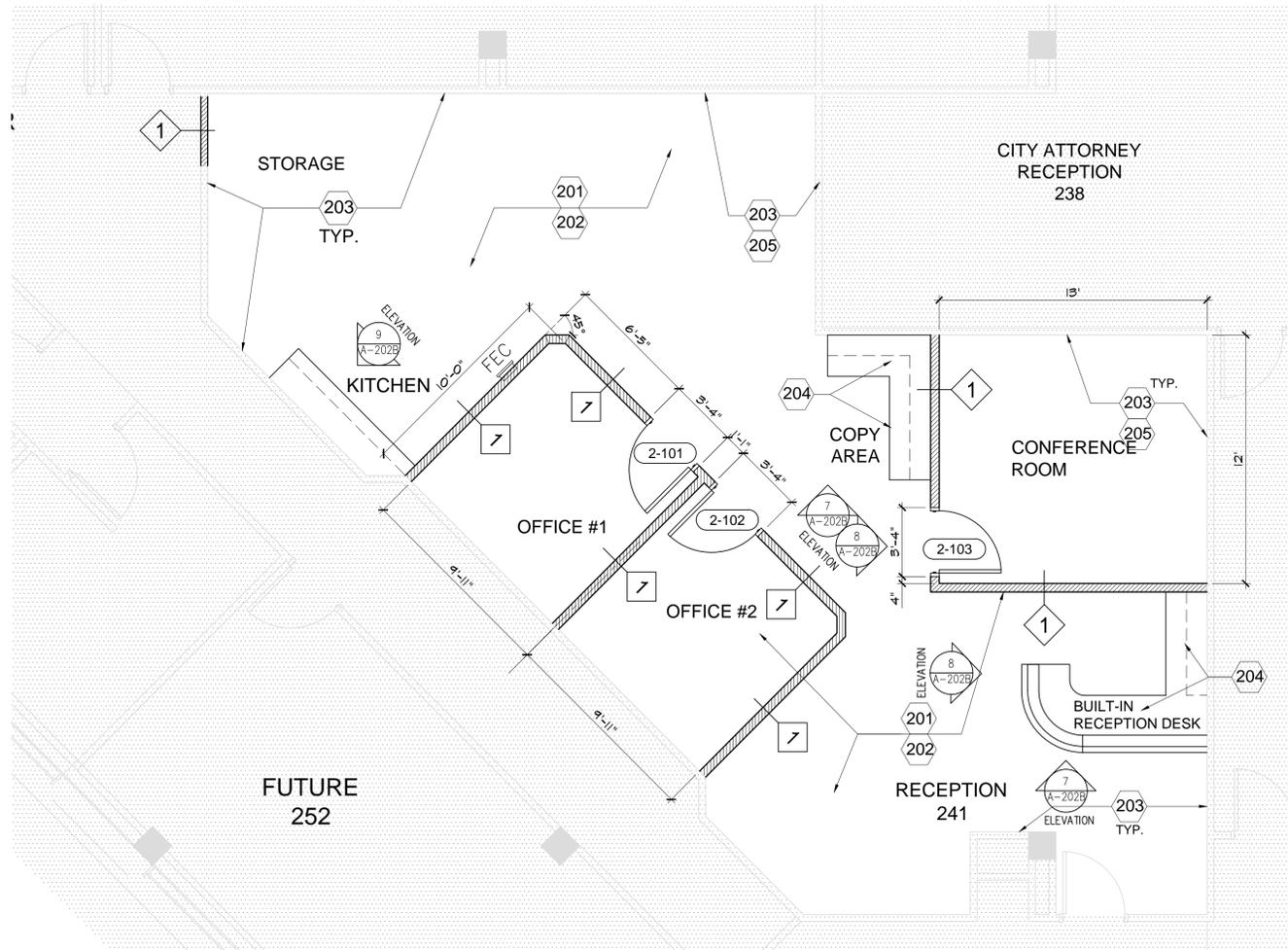
1. THE CONTRACTOR SHALL VERIFY THESE DRAWINGS WITH EXISTING FIELD CONDITIONS AND NOTIFY THE ARCHITECT IMMEDIATELY OF INCONSISTENCIES BETWEEN THESE DRAWINGS AND ACTUAL CONDITIONS BEFORE PROCEEDING WITH CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR ANY DEMOLITION NOT SPECIFICALLY SHOWN ON THESE DRAWINGS BUT REQUIRED TO COMPLETE ALL OF THE WORK REQUIRED IN THIS PROJECT.
3. IF ANY EXISTING FIRE PROOFING OR FIRE ASSEMBLIES WHICH ARE SUPPOSED TO REMAIN ARE DAMAGED DURING DEMOLITION, THEY SHALL BE REPAIRED TO CONFORM TO ORIGINAL FIRE PROTECTION REQUIREMENTS. CONTACT ARCHITECT TO VERIFY U.L. ASSEMBLIES TO BE USED FOR REPAIRS.
4. REMOVE EXISTING CONSTRUCTION AS INDICATED. TYPICAL WALL REMOVAL INCLUDES MECHANICAL, PLUMBING, COMMUNICATIONS, INFORMATION SYSTEMS, AND ELECTRICAL SYSTEMS CONTAINED THEREIN. REMOVE DOORS, CASEWORK, WINDOWS, FRAMES, FLOOR FINISHES AND OTHER FIXTURES AS REQUIRED. AFTER REMOVAL OF PIPE CHASES, PATCH HOLES IN EXISTING FLOORS OR WALLS TO REMAIN TO MEET ORIGINAL FIRE PROTECTION AND STRUCTURAL REQUIREMENTS. PATCH ADJOINING WALLS, FLOOR, AND DECK. PREPARE SURFACES TO RECEIVE NEW FINISH PER FINISH SCHEDULE OR PER INTERIOR DESIGNER'S FINISH PLANS. (WHERE NEW FINISHES ARE CALLED FOR ON EXISTING SURFACES, REMOVE THE EXISTING FINISH AND PREPARE SURFACE TO RECEIVE THE NEW FINISH.)
5. SEE MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL DRAWINGS FOR DEMOLITION OF UTILITIES.
6. THE CONTRACTOR SHALL VERIFY THAT CONSTRUCTION OF EXISTING WALLS MEETS THE FIRE PROTECTION RATINGS DESIGNATED ON THESE DRAWINGS. HE SHALL ALSO MAKE ANY REPAIRS OR MODIFICATIONS NECESSARY TO BRING EXISTING WALLS, DOORS, DUCTS, ETC. UP TO THE PROPER INDICATED FIRE PROTECTION RATING. DOORS AND/OR FRAMES NOT MEETING RATING REQUIREMENTS OR BEARING PROPER LABELS SHALL BE REPLACED.
7. THE CONTRACTOR SHALL VERIFY THAT EXIT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT ALL PHASES OF CONSTRUCTION.
8. THE CONTRACTOR SHALL NOT CUT STRUCTURAL WORK IN A MANNER RESULTING IN A REDUCTION OF LOAD CARRYING CAPACITY OR LOAD/DEFLECTION RATIO. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL STRUCTURAL CUTS PRIOR TO EXECUTION SO THAT APPROVAL CAN BE OBTAINED FROM THE ARCHITECT AND STRUCTURAL ENGINEER.
9. THE EXISTING BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATER TIGHT CONDITION AT ALL TIMES THROUGHOUT ALL PHASES OF CONSTRUCTION.
10. WHERE EXISTING CONSTRUCTION IS FOUND TO CONTAIN ASBESTOS, NOTIFY THE OWNER AND THE ARCHITECT IN WRITING. REMOVAL, DISPOSAL AND REPLACEMENT OF THE ASBESTOS MATERIAL SHALL BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. (REPLACE THE ASBESTOS MATERIAL WITH NEW MATERIAL AS APPROVED BY THE ARCHITECT.)
11. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY EXISTING TO REMAIN FINISHES, ETC., WHICH ARE DAMAGED DURING DEMOLITION (I.E., - CEILING GRID, CEILING TILE, WALL COVERINGS, FLOOR COVERINGS, CORNER GUARDS, WALL GUARDS, HANDRAILS, CHAIR RAIL, MOULDINGS, ETC.)
12. CONFIRM LIST OF SALVAGED ITEMS THAT ARE TO BE REMOVED AND TURNED OVER TO THE OWNER FROM DEMOLITION AREAS.

### LEGEND:

- EXISTING TO REMAIN
- - - - - EXISTING TO BE DEMOLISHED

### KEYNOTES:

- 101 EXISTING DOOR TO BE REMOVED.
- 102 BROKEN LINES INDICATE EXISTING TIMBER STORAGE UNITS TO BE REMOVED.
- 103 CLEAN EXISTING FLOOR SLAB OF DIRT AND OTHER MATTER AND PREPARE TO RECEIVE NEW FLOOR FINISH.
- 104 EXISTING CHAINLINK ENCLOSURE TO BE REMOVED.
- 105 SPACE TO BE CLEANED OF FILING CABINETS, UNUSED EQUIPMENT ETC. CLIENT TO ADVISE ON ALTERNATE STORAGE OF MATERIALS.
- 106 HATCHED AREAS REPRESENT BUILDING AREAS NOT AFFECTED BY CONSTRUCTION.
- 107 EXISTING WALL PARTITION TO BE REMOVED.



## 02 SECOND FLOOR - NEW FLOOR PLAN

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

### NEW CONSTRUCTION FLOOR PLANS GENERAL NOTES:

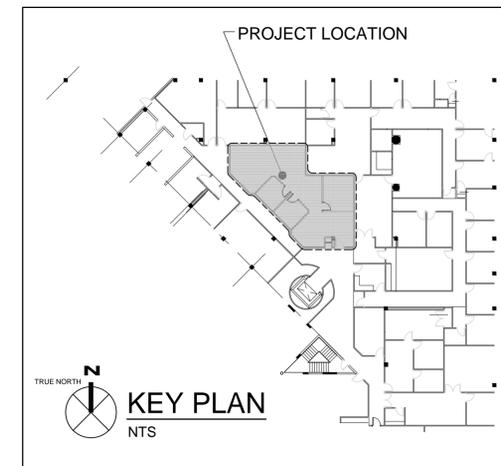
1. WHERE INDICATED ON THE FLOOR PLAN BY REFERENCE TO THIS NOTE, FURR OUT RATED WALL, RATED SMOKE WALL OR RATED SHAFT WALL WITH 5/8" TYPE "X" GYPSUM BOARD ON 3-5/8" METAL STUDS AT 16" O.C. MAXIMUM UP TO 4" ABOVE THE FINISH CEILING IN ORDER TO PROVIDE FOR RECESSED ITEMS IN THE WALL WITHOUT INTERFERING WITH THE INTEGRITY OF THE RATED WALL, RATED SMOKE WALL OR RATED SHAFT WALL.
2. ITEMS DENOTED ON THIS SHEET WITH A DASHED LINE ARE BEING FURNISHED BY THE OWNER. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON DELIVERY AND INSTALLATION.
3. SEE COVER SHEET FOR ADDITIONAL NOTES WHICH ALSO APPLY TO THIS FLOOR PLAN.
4. WHERE DEMOLITION OF CERTAIN ITEMS LEAVES PENETRATIONS IN EXISTING TO REMAIN FLOORS, WALLS, CEILING, ROOFS, ETC., PATCH SUCH PENETRATIONS AS REQUIRED TO MEET ORIGINAL FIRE PROTECTION AND STRUCTURAL REQUIREMENTS.

### LEGEND:

- EXISTING TO REMAIN
- NEW CONSTRUCTION

### KEYNOTES:

- 201 NEW CARPET AND BASE (WHERE APPLICABLE) LAID THROUGHOUT FLOOR AREA.
- 202 NEW ACOUSTIC CEILING GRID AND TILES. REFER TO REFLECTED CEILING PLANS ON SHEET A-105.
- 203 TAPE AND FINISH ALL EXISTING GYPSUM BOARD WITH LEVEL 4 FINISH ABOVE CEILING.
- 204 BUILT-IN FURNITURE UNITS. REFER TO DETAILS ON SHEET A-204a and A-204b.
- 205 INSTALL GYPSUM TO UNDERSIDE OF DECK AT ALL PERIMETERS. TAPE AND FINISH ONE COAT AND SEAL ALL VOIDS THROUGHOUT.



CONSULTANT IN CHARGE	
SUBMITTALS:	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:		
NO.	DESCRIPTION	DATE

PROJECT TEAM  
 PROFESSIONAL IN CHARGE  
 GEORGE H. HOHMANN, AIA  
 REGISTRATION NUMBER - AR-0008448

DRAWN BY  
 NAP  
 CHECKED BY  
 DM



CITY OF  
 HALLANDALE BEACH

CITY HALL RENOVATIONS  
 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH, FL 33309  
 PROJECT NAME

SECOND FLOOR  
 DEMOLITION &  
 NEW FLOOR PLAN

SHEET TITLE

**ACAI**  
 ASSOCIATES, INC.  
 architecture • engineering  
 roofing • consulting  
 construction management

AAC001323 • EB0004379 • CGC010769  
 2937 W. Cypress Creek Rd., Suite 200  
 Fort Lauderdale, Florida 33309  
 Tel: 954.484.4000 • Fax: 954.484.5588  
 www.acaiworld.com

15-015 G02  
 PROJECT NUMBER

**A-103**

SHEET NUMBER

TO THE BEST OF MY KNOWLEDGE  
 AND ABILITY THESE PLANS ARE  
 COMPLETE AND COMPLY WITH THE  
 APPLICABLE BUILDING CODES.

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REFLECTED CEILING PLAN GENERAL NOTES:

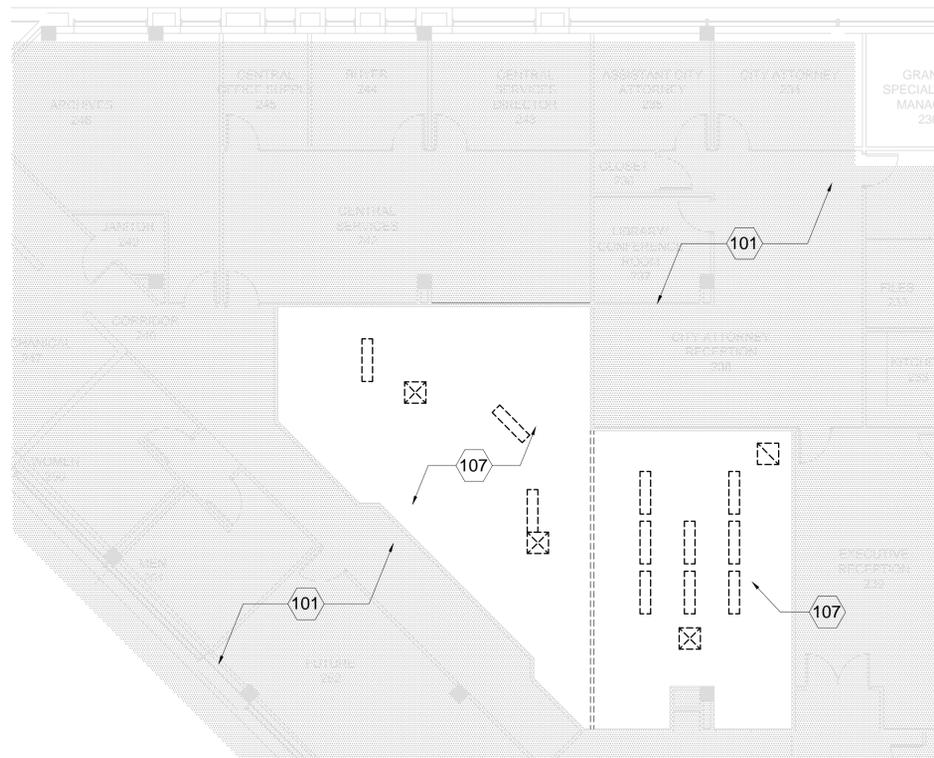
1. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE REFLECTED CEILING PLAN WITH THE ELECTRICAL LIGHTING PLANS, WITH THE MECHANICAL SUPPLY, RETURN AND EXHAUST PLANS, AND WITH THE FIRE PROTECTION PLANS, AND HE SHALL REPORT TO THE ARCHITECT ANY ERROR, INCONSISTENCY OR OMISSION THAT HE MAY DISCOVER.
2. SEE THE ELECTRICAL DRAWINGS AND/OR THE COMMUNICATIONS DRAWINGS FOR LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, NURSE, FIRE ALARM DEVICES, ETC.
3. CONTRACTOR TO PROVIDE ANY/ALL NEW CEILING GRID, INCLUDING MAIN RUNNERS, ETC., AND REPLACE AS NECESSARY TO ASSURE NEW/EXISTING GRID SYSTEMS MATCH.

LEGEND:

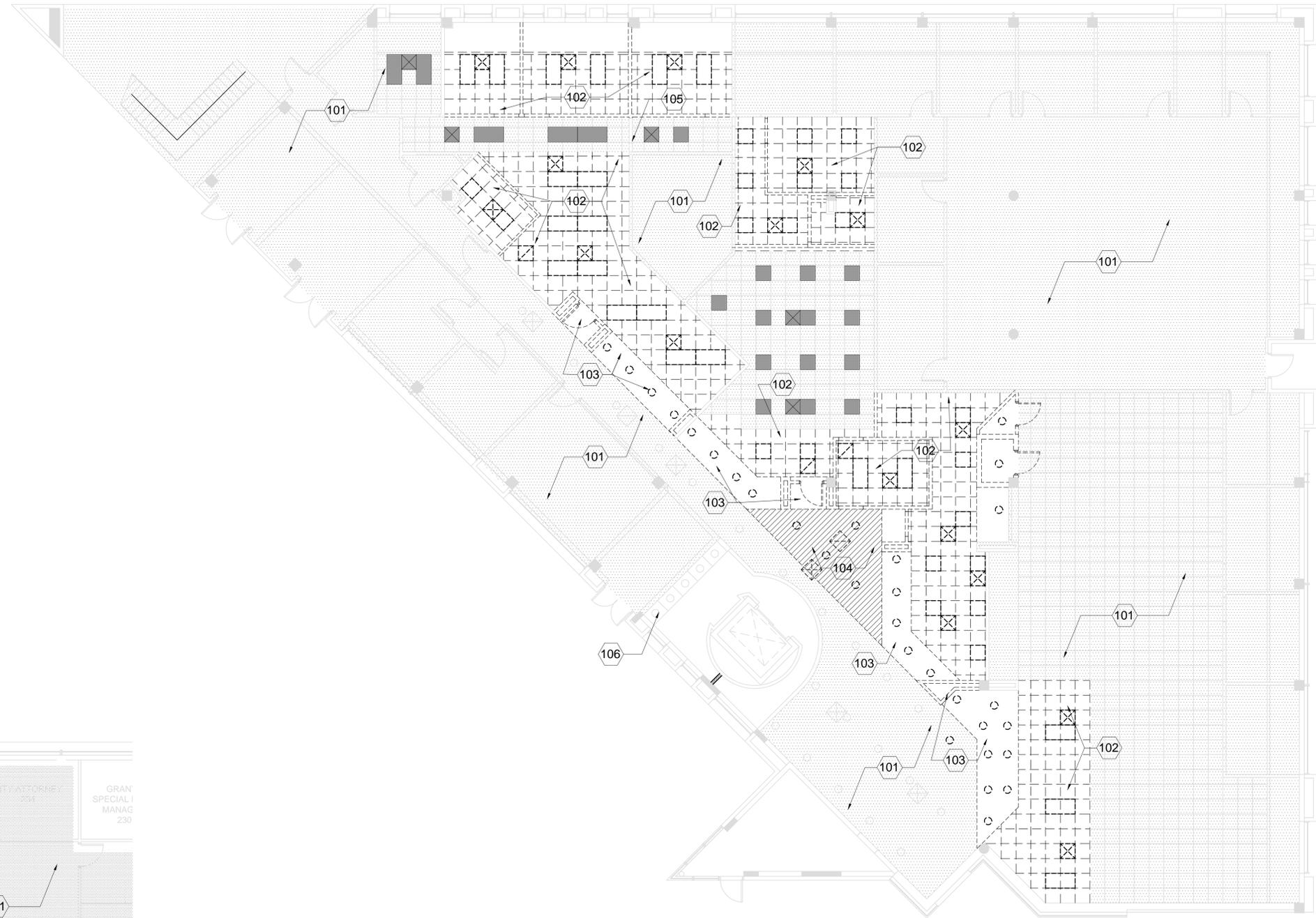
- EXISTING TO REMAIN
- EXISTING TO BE DEMOLISHED
- ACOUSTICAL CEILING GRID TO BE REMOVED
- ACOUSTICAL CEILING GRID TO REMAIN
- EXISTING LIGHT FIXTURES TO BE REMOVED
- EXISTING LIGHT FIXTURES TO REMAIN
- SUPPLY / DIFFUSERS TO BE REMOVED
- SUPPLY / DIFFUSERS TO REMAIN
- EXISTING RECESSED LIGHT FIXTURE TO REMAIN
- RECESSED LIGHT FIXTURE BE REMOVED

KEYNOTES:

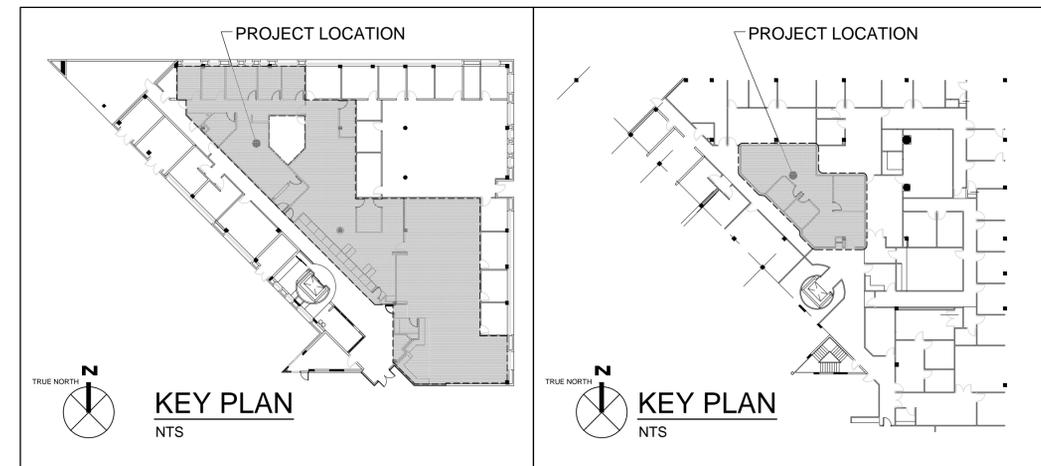
- 101 HATCHED AREAS REPRESENT BUILDING AREAS NOT AFFECTED BY CONSTRUCTION UNLESS OTHERWISE NOTED.
- 102 EXISTING CEILING GRID AND LIGHTING TO BE REMOVED.
- 103 EXISTING GYPSUM HEADER PARTITION AND RECESSED LIGHTING TO BE REMOVED.
- 104 PORTION OF EXISTING GYPSUM LOBBY CEILING, RECESSED LIGHTING AND MECHANICAL DIFFUSERS TO BE REMOVED.
- 105 GYPSUM HEADER PARTITION TO BE AT 8'-0" ABOVE FIN. FLOOR LEVEL AFTER REMOVAL OF EXISTING DOOR AND WALL.
- 106 EXISTING GYPSUM CANOPY AND RECESSED LIGHTING TO REMAIN.
- 107 EXPOSED TO STRUCTURE ABOVE (NO CEILING INSTALLED IN THIS AREA).



**02 SECOND FLOOR - DEMOLITION REFLECTED CEILING PLAN**  
SCALE : 1/8" = 1' - 0"



**01 FIRST FLOOR - DEMOLITION REFLECTED CEILING PLAN**  
SCALE : 1/8" = 1' - 0"



CONSULTANT IN CHARGE

SUBMITTALS:

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT TEAM  
PROFESSIONAL IN CHARGE  
GEORGE H. HOHMANN, AIA  
REGISTRATION NUMBER - AR-0008448  
DRAWN BY  
CHECKED BY

CITY OF HALLANDALE BEACH  
CITY HALL RENOVATIONS  
400 SOUTH FEDERAL HIGHWAY,  
HALLANDALE BEACH, FL 33009  
PROJECT NAME

FIRST & SECOND FLOORS  
DEMOLITION REFLECTED  
CEILING PLANS

SHEET TITLE

**ACAI**  
associates, inc.  
architecture • engineering  
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Tel: 954.484.4000 • Fax: 954.484.5588  
www.acaiworld.com

15-015 G02  
PROJECT NUMBER

**A-104**  
SHEET NUMBER

TO THE BEST OF MY KNOWLEDGE  
AND ABILITY THESE PLANS ARE  
COMPLETE AND COMPLY WITH THE  
APPLICABLE BUILDING CODES.  
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**REFLECTED CEILING PLAN GENERAL NOTES:**

1. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE REFLECTED CEILING PLAN WITH THE ELECTRICAL LIGHTING PLANS, WITH THE MECHANICAL SUPPLY, RETURN AND EXHAUST PLANS, AND WITH THE FIRE PROTECTION PLANS, AND HE SHALL REPORT TO THE ARCHITECT ANY ERROR, INCONSISTENCY OR OMISSION THAT HE MAY DISCOVER.
2. SEE THE ELECTRICAL DRAWINGS AND/OR THE COMMUNICATIONS DRAWINGS FOR LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, FIRE ALARM DEVICES, ETC.

**LEGEND:**

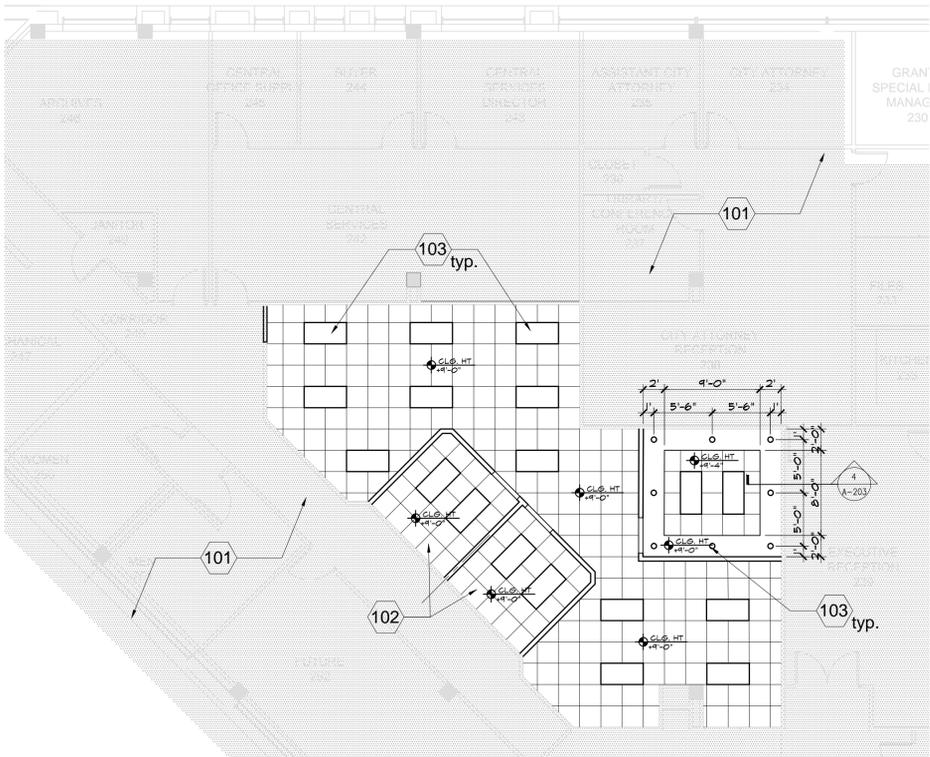
- EXISTING TO REMAIN
- NEW ACOUSTICAL CEILING GRID
- NEW LIGHT FIXTURES
- EXISTING LIGHT FIXTURES TO REMAIN
- EXISTING SUPPLY / DIFFUSERS TO REMAIN
- EXISTING RECESSED LIGHT FIXTURE TO REMAIN
- NEW RECESSED LIGHT FIXTURES

**KEYNOTES:**

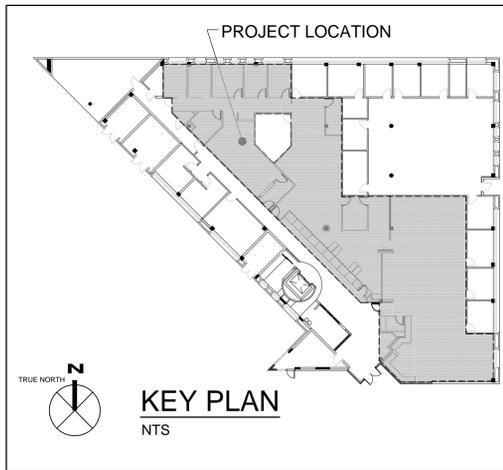
- 101 HATCHED AREAS REPRESENT PORTIONS OF PROJECT TO REMAIN.
- 102 NEW 24" x 24" CEILING GRID AND TILES.
- 103 NEW 2' x 4' LAY IN LIGHT FIXTURES PER ELECTRICAL ENGINEER'S SPECIFICATIONS (TYPICAL)
- 104 NEW 2' x 2' LAY IN LIGHT FIXTURES PER ELECTRICAL ENGINEER'S SPECIFICATIONS (TYPICAL)
- 105 NEW GYPSUM HEADER PARTITION. REFER TO DETAILS ON SHEET A-203.
- 106 NOT USED.
- 107 BROKEN LINES INDICATE WALK-UP COUNTER BELOW.
- 108 NEW LED RECESSED LIGHT FIXTURES PER ELECTRICAL ENGINEER'S SPECS (TYPICAL).
- 109 BROKEN LINES INDICATE GLASS PARTITION BELOW CEILING.
- 110 EXISTING GYPSUM CANOPY AND RECESSED LIGHTING TO REMAIN.



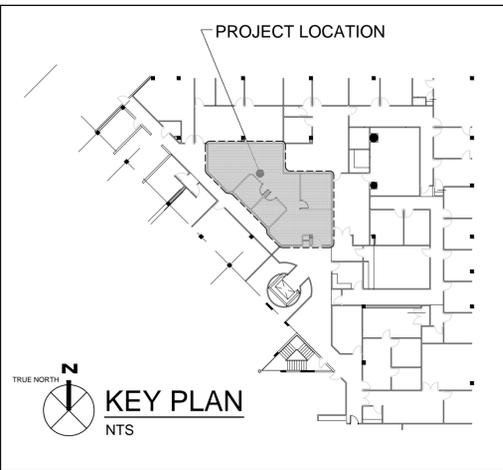
**01 FIRST FLOOR - REFLECTED CEILING PLAN - NEW**  
SCALE : 1/8" = 1' - 0"



**02 SECOND FLOOR - REFLECTED CEILING PLAN - NEW**  
SCALE : 1/8" = 1' - 0"



**KEY PLAN**  
NTS



**KEY PLAN**  
NTS

CONSULTANT IN CHARGE

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PROJECT TEAM  
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GEORGE H. HOHMANN, AIA  
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CITY OF  
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400 SOUTH FEDERAL HIGHWAY,  
HALLANDALE BEACH, FL 33009  
PROJECT NAME

FIRST & SECOND FLOORS  
NEW REFLECTED  
CEILING PLANS

SHEET TITLE

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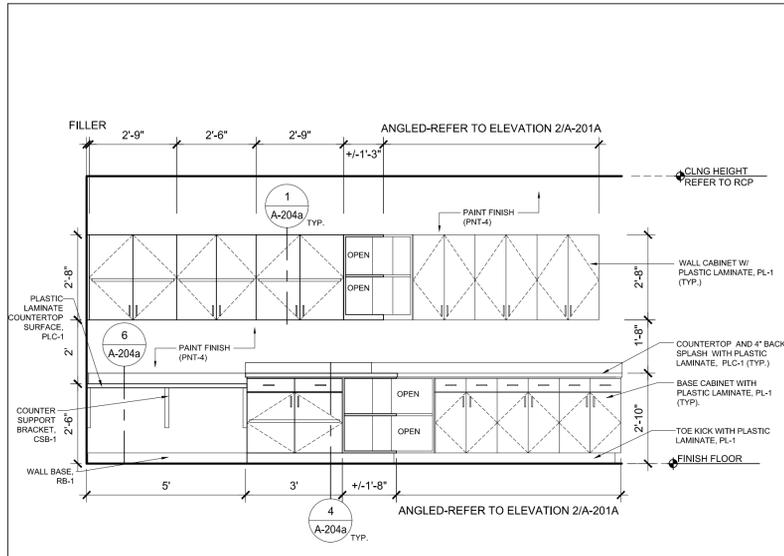
**A-105**  
SHEET NUMBER

TO THE BEST OF MY KNOWLEDGE  
AND ABILITY THESE PLANS ARE  
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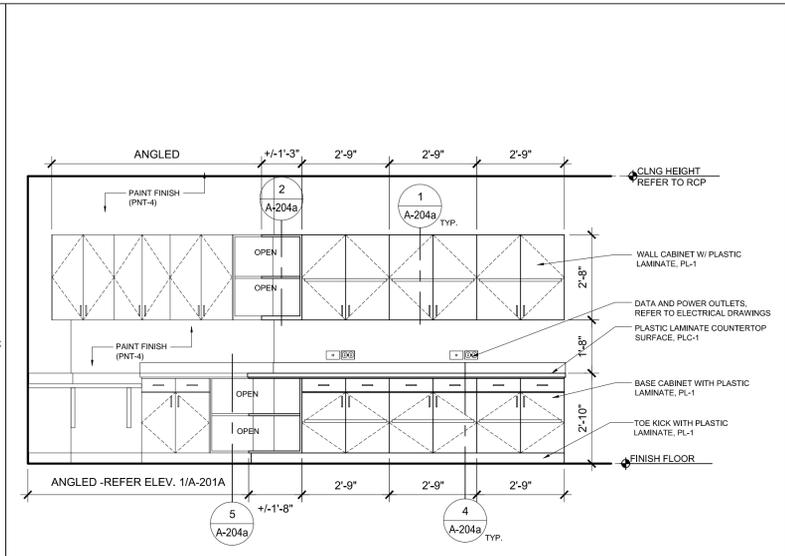


ELEVATION GENERAL NOTES:

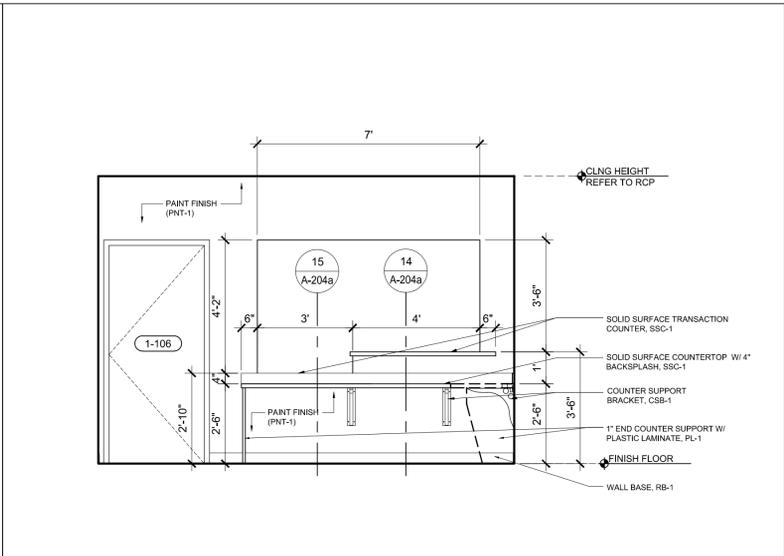
1. REFER TO SHEET I-102 FOR INTERIOR FINISHES AND SIGNAGE SPECIFICATIONS.
2. REFER TO SHEET A-205 FOR DOOR SCHEDULE.
3. ALL RESIDENTIAL EQUIPMENT IS OWNER FURNISHED CONTRACTOR INSTALLED.



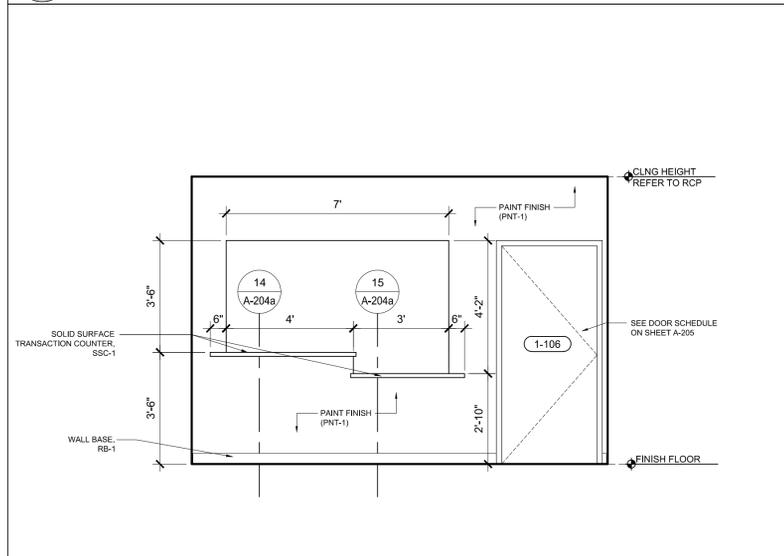
**1**  
A-202a  
**WRITING DESK/COUNTER ELEVATION (H.R.)**  
SCALE: 3/8" = 1'-0"



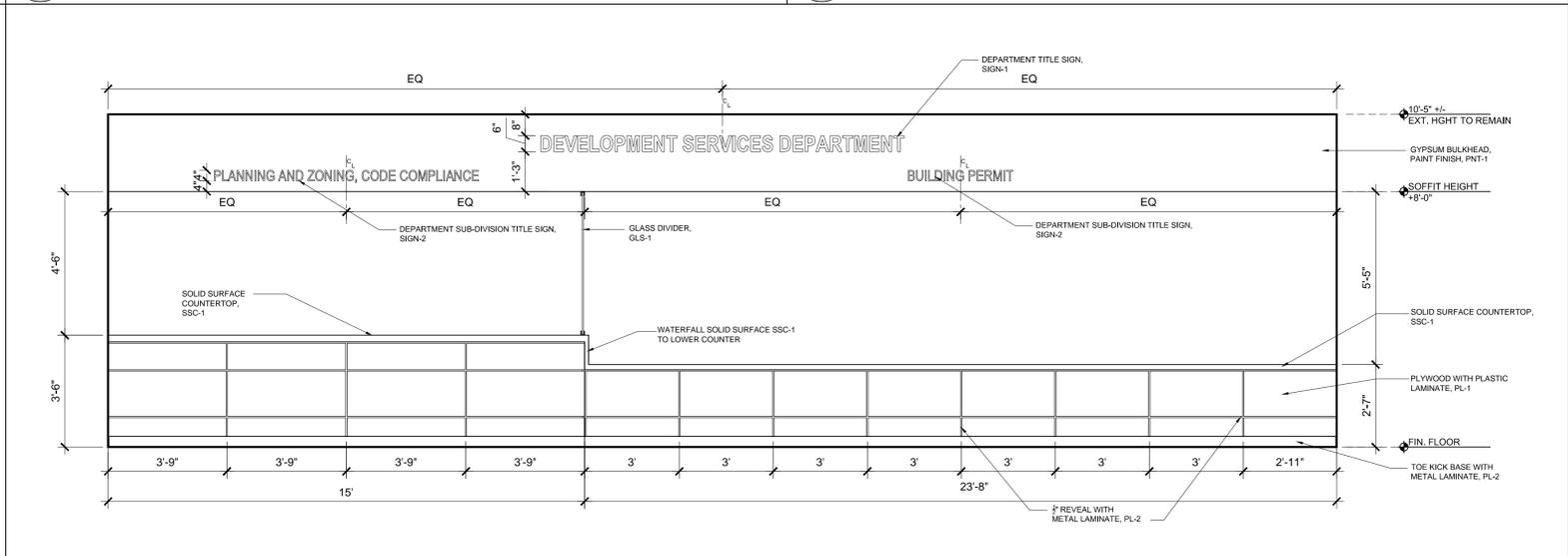
**2**  
A-202a  
**COUNTER ELEVATION (H.R.)**  
SCALE: 3/8" = 1'-0"



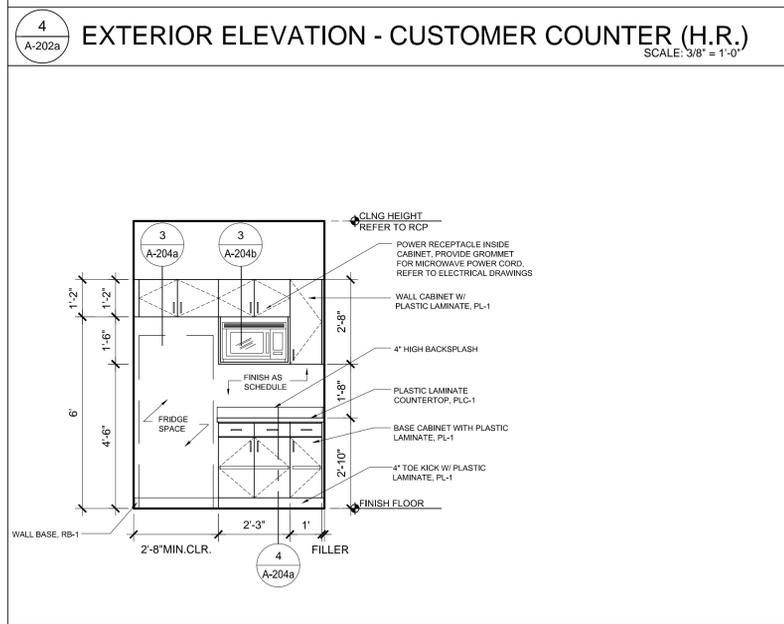
**3**  
A-202a  
**INTERIOR ELEVATION - CUSTOMER COUNTER (H.R.)**  
SCALE: 3/8" = 1'-0"



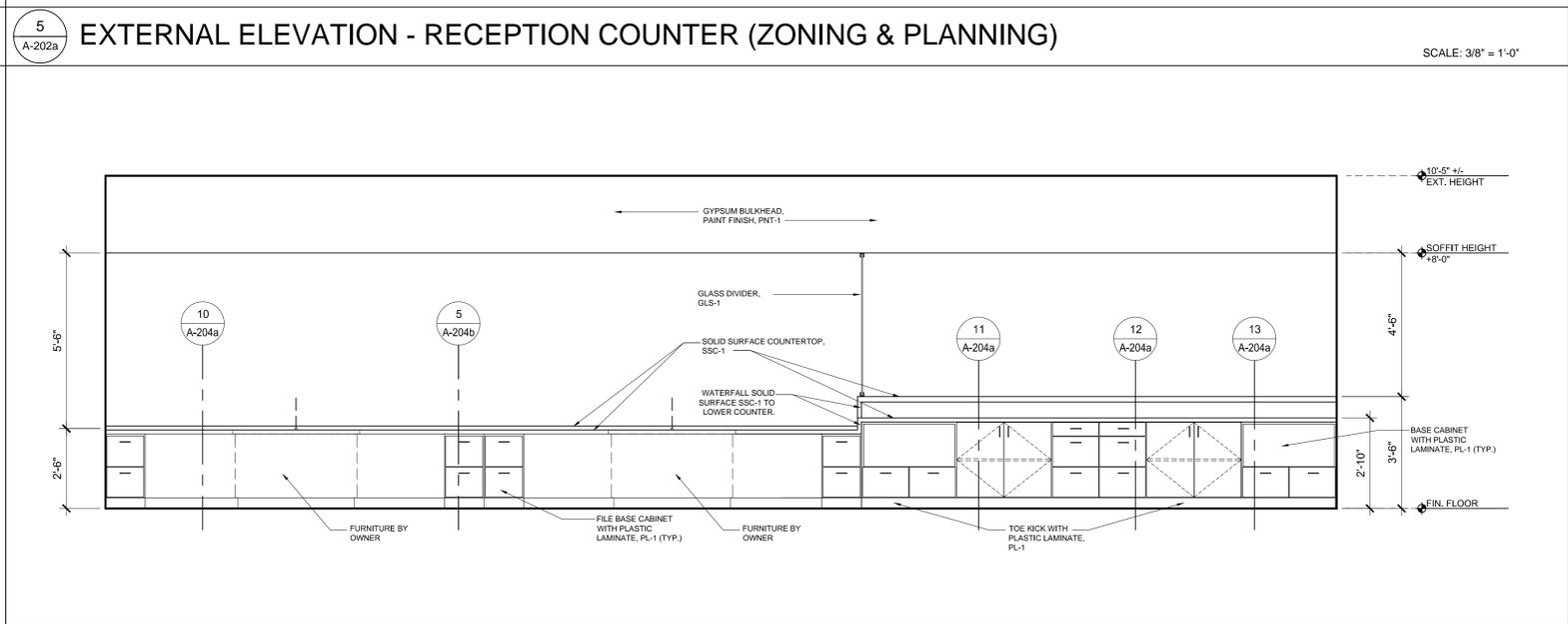
**4**  
A-202a  
**EXTERIOR ELEVATION - CUSTOMER COUNTER (H.R.)**  
SCALE: 3/8" = 1'-0"



**5**  
A-202a  
**EXTERNAL ELEVATION - RECEPTION COUNTER (ZONING & PLANNING)**  
SCALE: 3/8" = 1'-0"



**6**  
A-202  
**ELEVATION - KITCHEN COUNTER (H.R.)**  
SCALE: 3/8" = 1'-0"



**7**  
A-202a  
**INTERNAL ELEVATION - RECEPTION COUNTER (ZONING & PLANNING)**  
SCALE: 3/8" = 1'-0"

CONSULTANT IN CHARGE

SUBMITTALS:

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT TEAM

PROFESSIONAL IN CHARGE

GEORGE H. HOHMANN, AIA

REGISTRATION NUMBER AR-0008448

DRAWN BY

CHECKED BY

CITY OF HALLANDALE BEACH

CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY, HALLANDALE BEACH, FL 33009

PROJECT NAME

INTERIOR ELEVATIONS 1

SHEET TITLE

ACAI ASSOCIATES, INC.

architecture • engineering  
roofing • consulting  
construction management

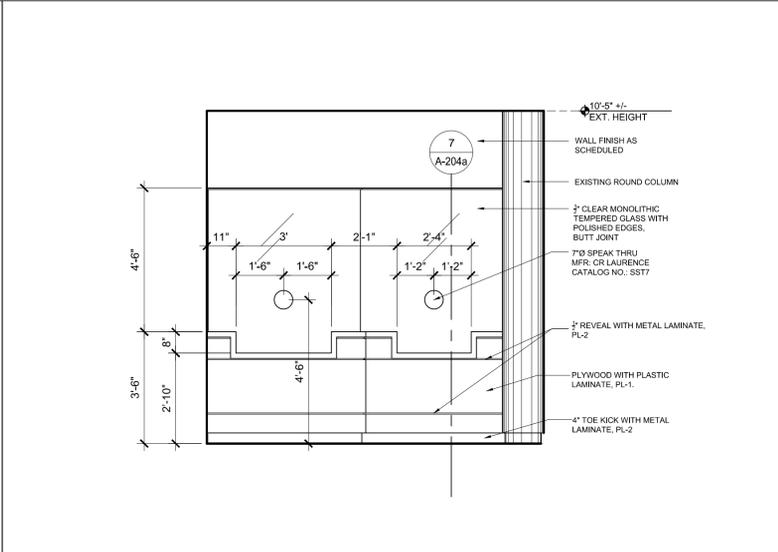
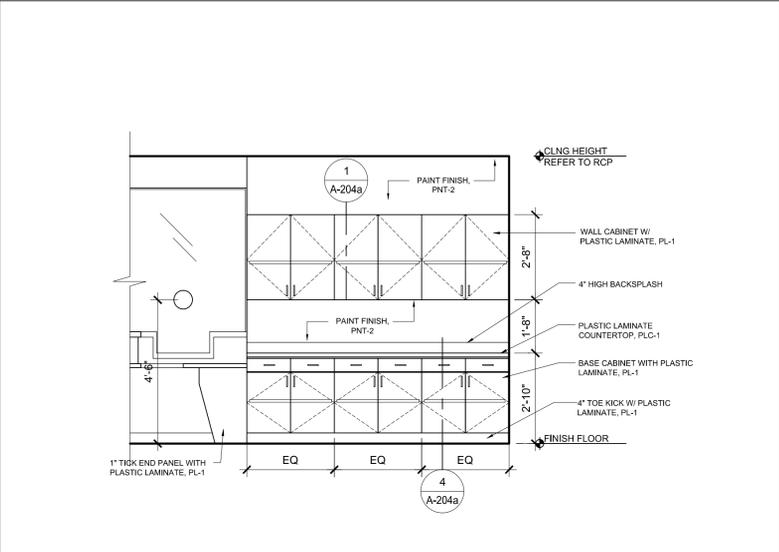
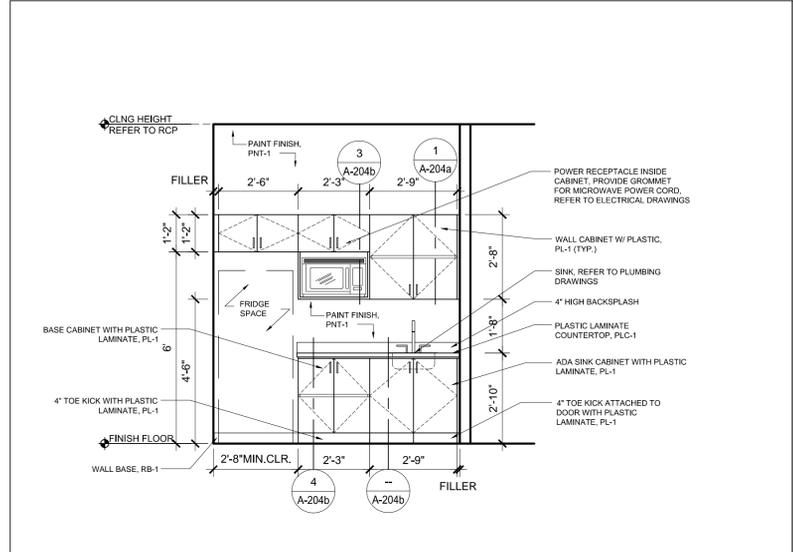
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Fort Lauderdale, Florida 33309  
Tel: 954.484.4000 • Fax: 954.484.5588  
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15-015 G02  
PROJECT NUMBER

**A-202a**  
SHEET NUMBER

TO THE BEST OF MY KNOWLEDGE AND ABILITY THESE PLANS ARE COMPLETE AND COMPLY WITH THE APPLICABLE BUILDING CODES.

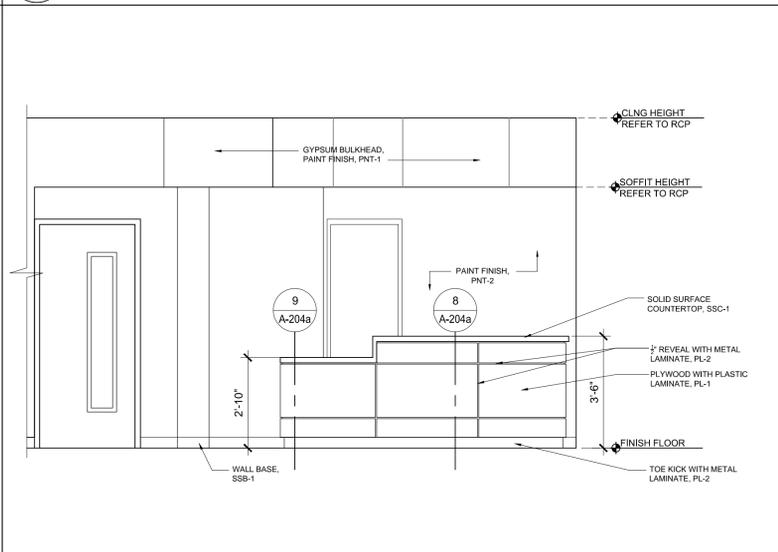
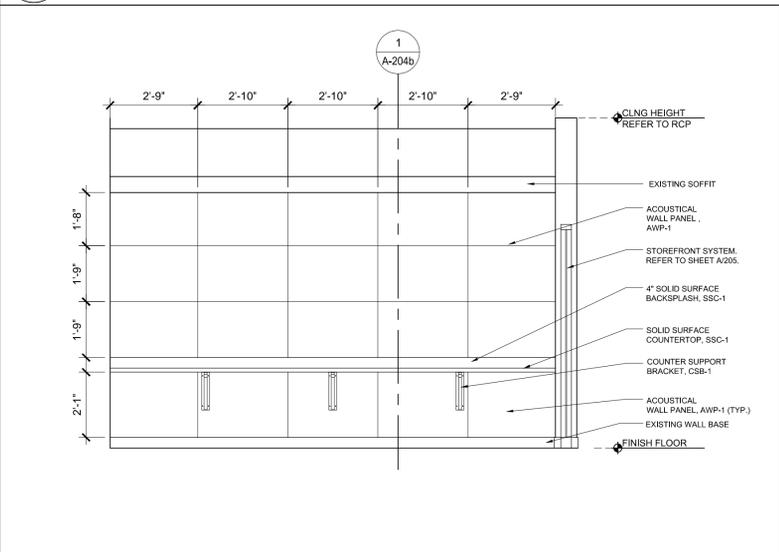
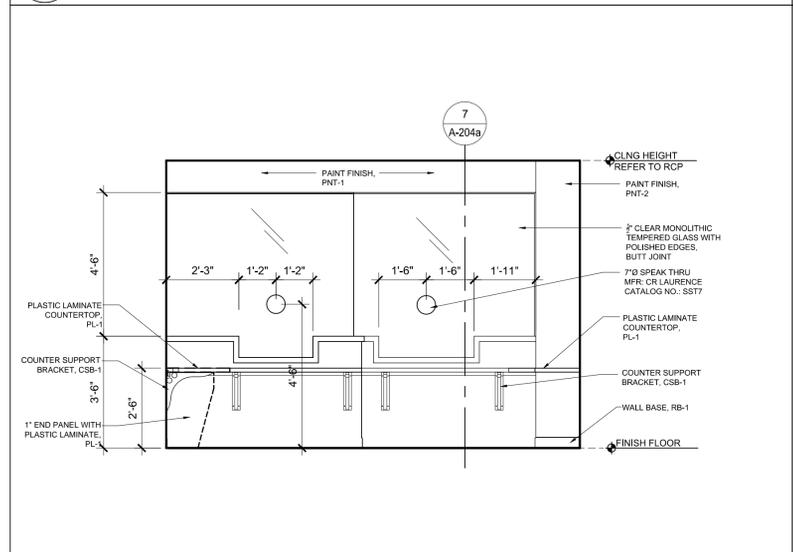
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**1**  
A-202b **ELEVATION - KITCHEN COUNTER (FINANCE)**  
SCALE: 3/8" = 1'-0"

**2**  
A-202b **ELEVATION - COUNTER (FINANCE)**  
SCALE: 3/8" = 1'-0"

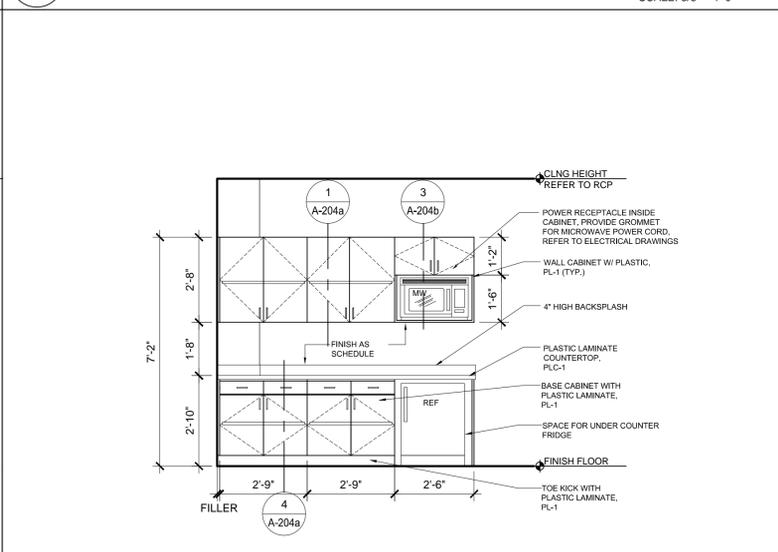
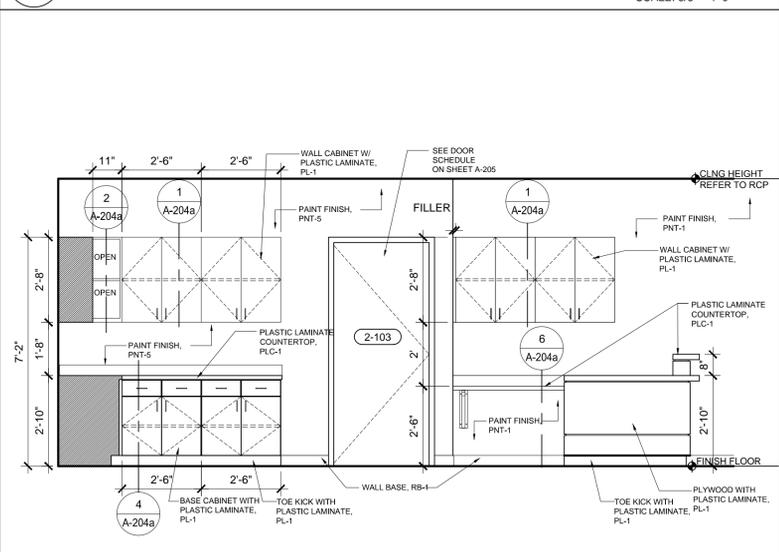
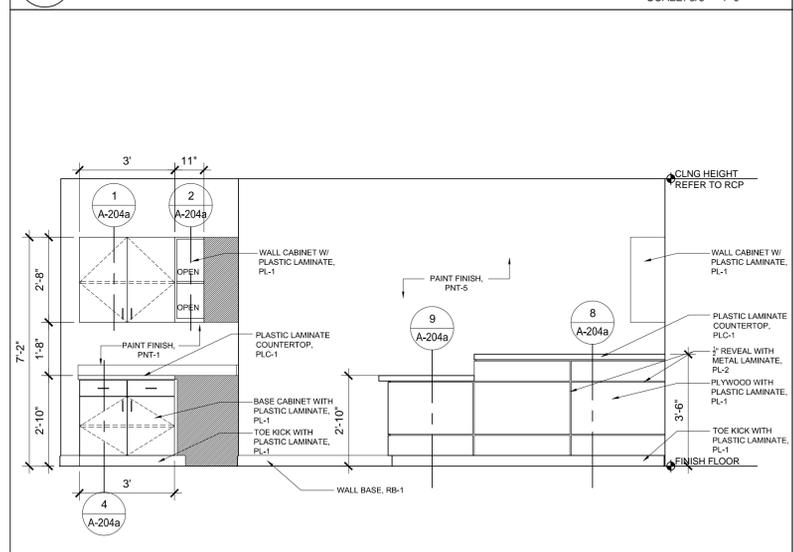
**3**  
A-202b **EXTERNAL ELEVATION - CUSTOMER COUNTER (FINANCE)**  
SCALE: 3/8" = 1'-0"



**4**  
A-202b **INTERNAL ELEVATION - CUSTOMER COUNTER (FINANCE)**  
SCALE: 3/8" = 1'-0"

**5**  
A-202b **MEETING ROOM COUNTER ELEVATION**  
SCALE: 3/8" = 1'-0"

**6**  
A-202b **RECEPTION DESK ELEVATION**  
SCALE: 3/8" = 1'-0"



**7**  
A-202b **ELEVATION -RECEPTION DESK & COPY AREA (2nd FL.)**  
SCALE: 3/8" = 1'-0"

**8**  
A-202b **ELEVATION - COPY AREA & RECEPTION DESK (2nd FL.)**  
SCALE: 3/8" = 1'-0"

**9**  
A-202b **ELEVATION - KITCHEN (2nd FL.)**  
SCALE: 3/8" = 1'-0"

- ELEVATION GENERAL NOTES:**
- REFER TO SHEET I-102 FOR INTERIOR FINISHES AND SIGNAGE SPECIFICATIONS.
  - REFER TO SHEET A-205 FOR DOOR SCHEDULE.
  - ALL RESIDENTIAL EQUIPMENT IS OWNER FURNISHED CONTRACTOR INSTALLED.

**CONSULTANT IN CHARGE**  
SUBMITTALS:  
PHASE DATE  
PERMIT SET 11.23.15  
BID SET 01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE

**PROJECT TEAM**  
PROFESSIONAL IN CHARGE  
GEORGE H. HOHMANN, AIA  
REGISTRATION NUMBER AR-0008448  
DRAWN BY  
CHECKED BY  
DM

**Hollandale Beach**  
CITY OF HALLANDALE BEACH  
CITY HALL RENOVATIONS  
400 SOUTH FEDERAL HIGHWAY,  
HALLANDALE BEACH, FL 33009  
PROJECT NAME

**INTERIOR ELEVATIONS 2**

**SHEET TITLE**

**ACAI**  
associates, inc.  
architecture • engineering  
roofing • consulting  
construction management

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2937 W. Cypress Creek Rd., Suite 200  
Fort Lauderdale, Florida 33309  
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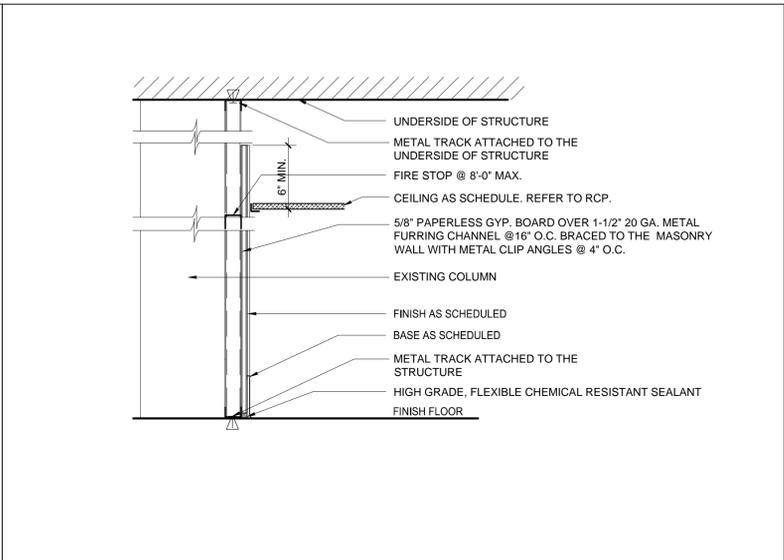
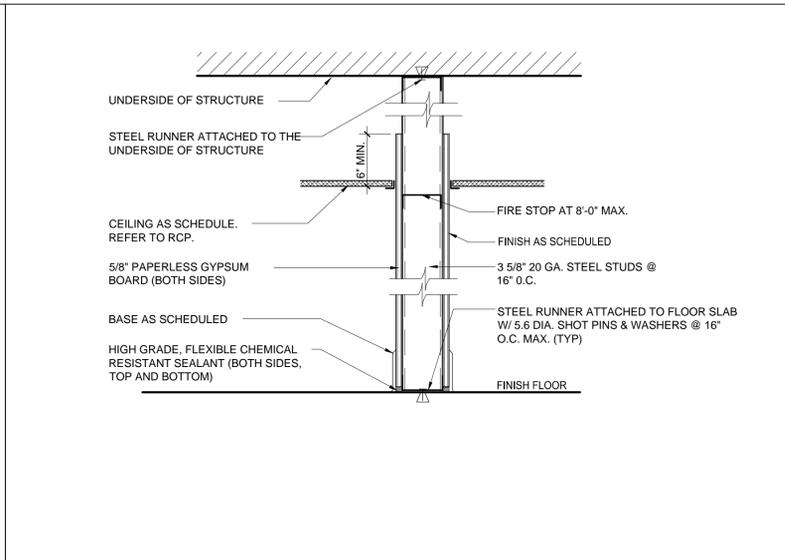
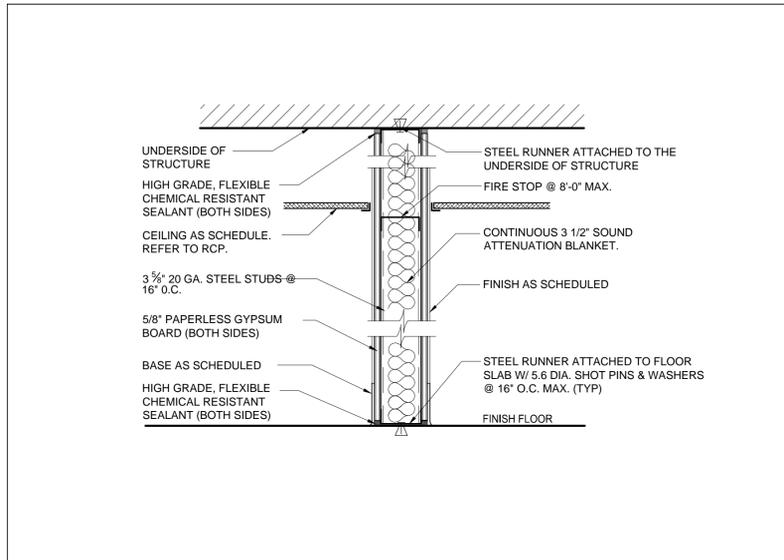
15-015 G02  
PROJECT NUMBER

**A-202b**  
SHEET NUMBER

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S:\Projects\15-015 G02 Hollandale City Hall Renov - Const Documents\06 Drawings\01 Construction Documents\Record Drawings\2015\01.18 - BID SET\15-015 G02 New Floor Plans Final (Current for Nyra) (2436).BID SET - 01.18.2015.dwg, A-202b - INTERNAL ELEVATIONS, 17/06/2015 3:02:45 PM

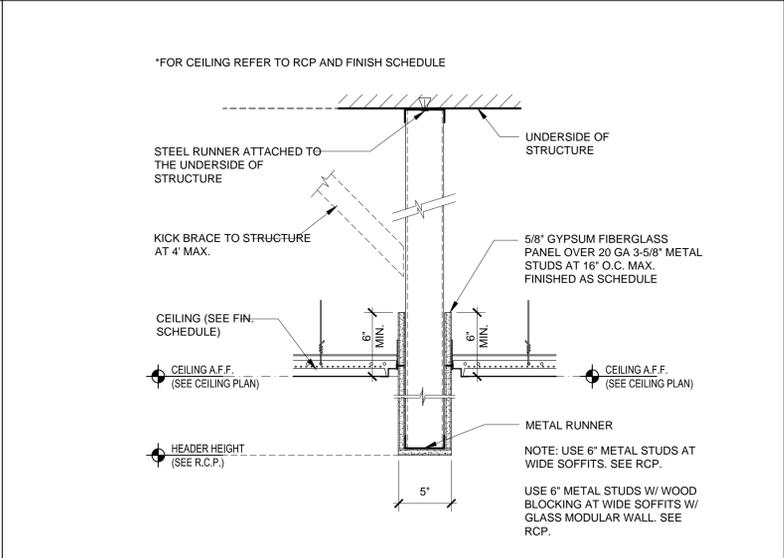
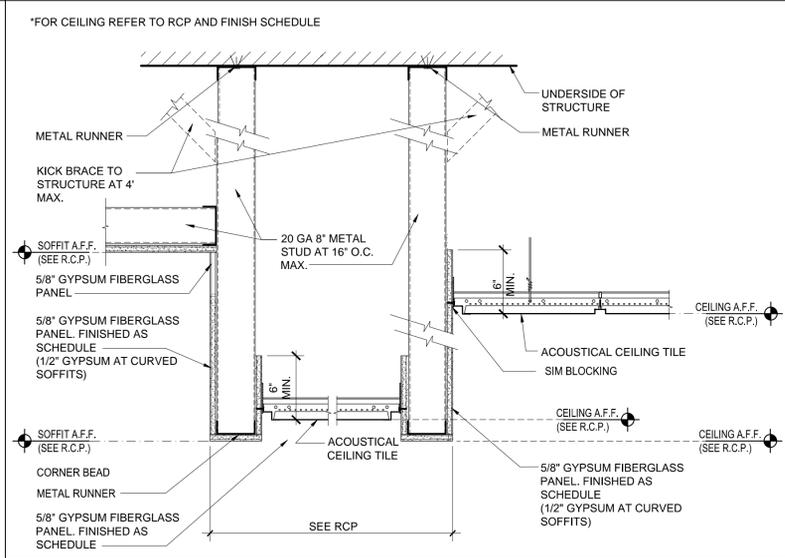
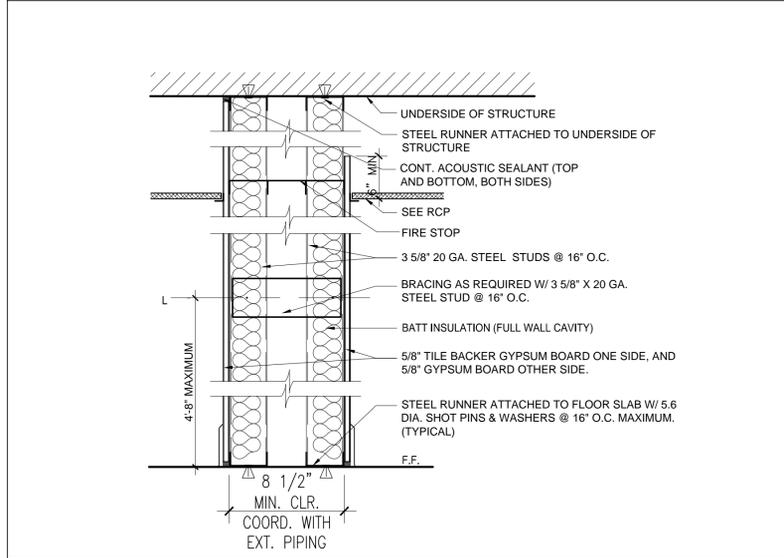




**1 NON RATED PARTITION**  
STC REPORT RAL TL99-103 (STC-48 MIN.)  
SCALE: 1 1/2" = 1'-0"

**2 NON RATED PARTITION**  
SCALE: 1 1/2" = 1'-0"

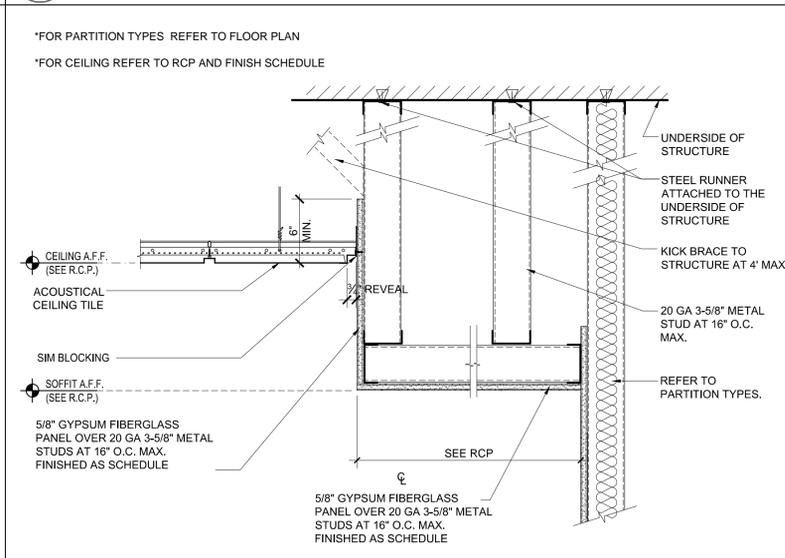
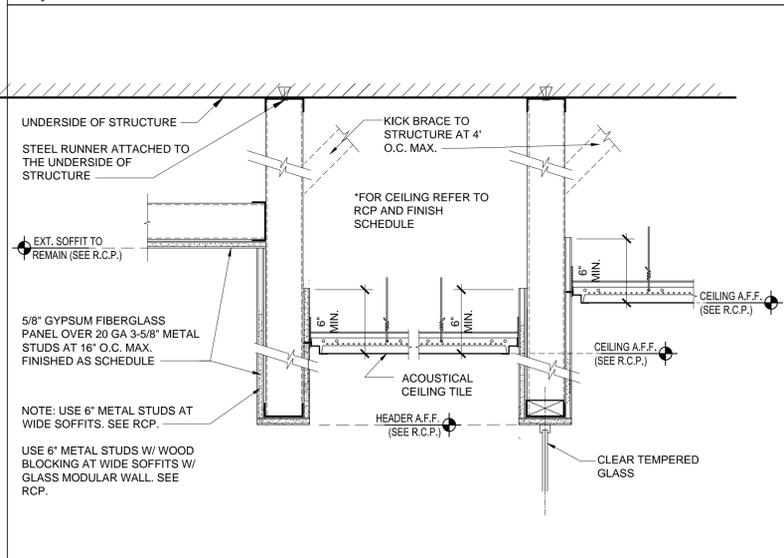
**3 METAL FURRING / GYPSUM @ CONC. COLUMN**  
SCALE: 1 1/2" = 1'-0"



**4 NON RATED CHASE PARTITION**  
SCALE: 1 1/2" = 1'-0"

**1 A-203 SOFFIT DETAIL**  
SCALE: 1 1/2" = 1'-0"

**2 A-203 HEADER DETAIL**  
SCALE: 1 1/2" = 1'-0"



**3 A-203 SOFFIT DETAIL**  
SCALE: 1 1/2" = 1'-0"

**4 A-203 SOFFIT DETAIL**  
SCALE: 1 1/2" = 1'-0"

CONSULTANT IN CHARGE

SUBMITTALS:

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT TEAM

PROFESSIONAL IN CHARGE

GEORGE H. HOHMANN, AIA

REGISTRATION NUMBER AR-0008448

DRAWN BY

CHECKED BY



CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY, HALLANDALE BEACH, FL 33009

PROJECT NAME

DETAIL SHEET 1

SHEET TITLE



associates, inc.  
architecture • engineering  
roofing • consulting  
construction management

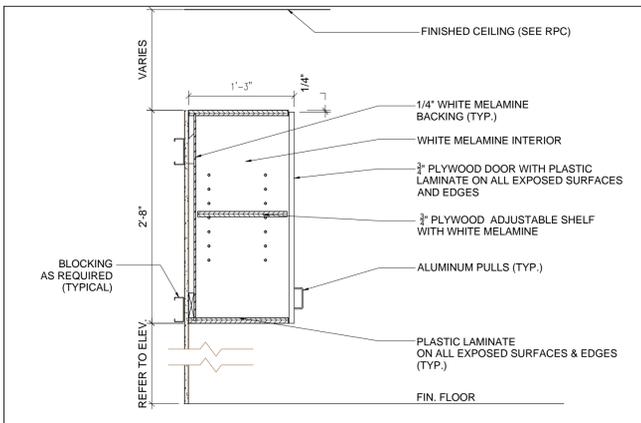
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PROJECT NUMBER

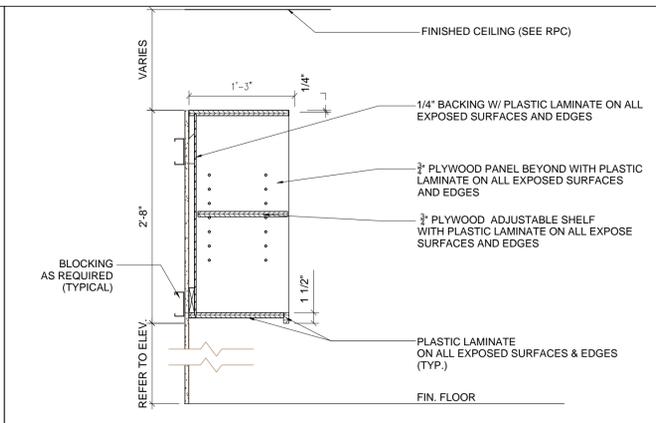
**A-203**  
SHEET NUMBER

TO THE BEST OF MY KNOWLEDGE AND ABILITY THESE PLANS ARE COMPLETE AND COMPLY WITH THE APPLICABLE BUILDING CODES.

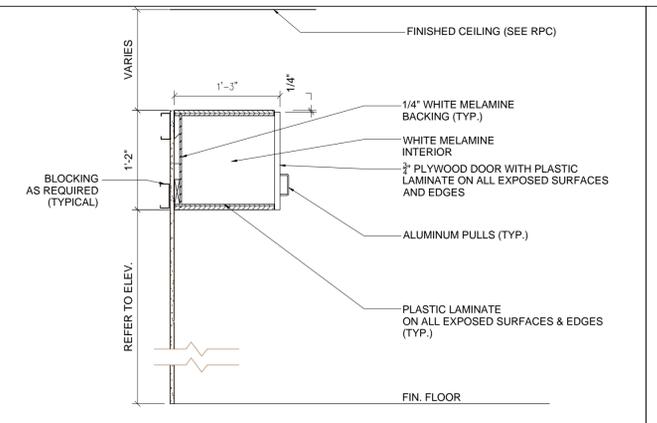
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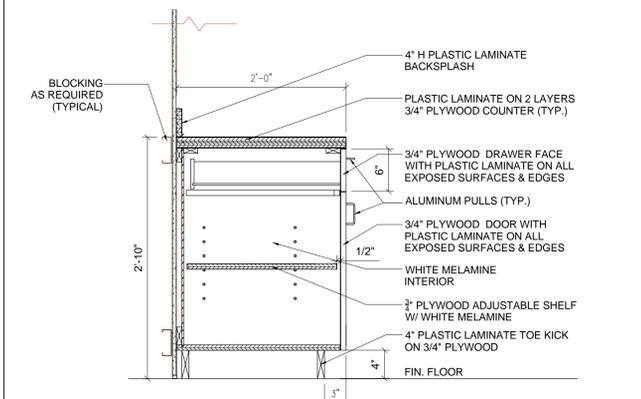
**1** TYP. WALL CABINET SECTION  
A-204a SCALE: 1" = 1'-0"



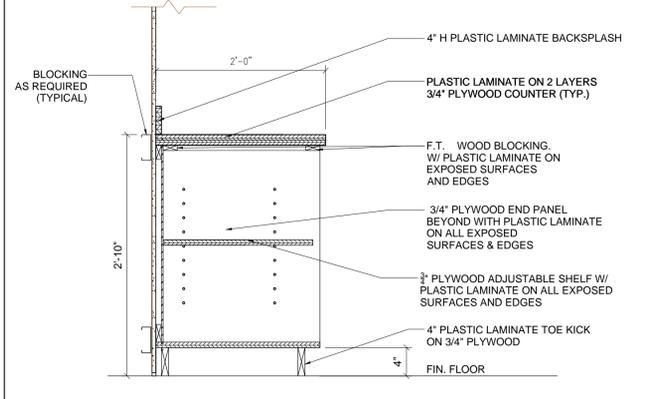
**2** TYP. OPEN/ADJ SHELF BASE CABINET  
A-204a SCALE: 1" = 1'-0"



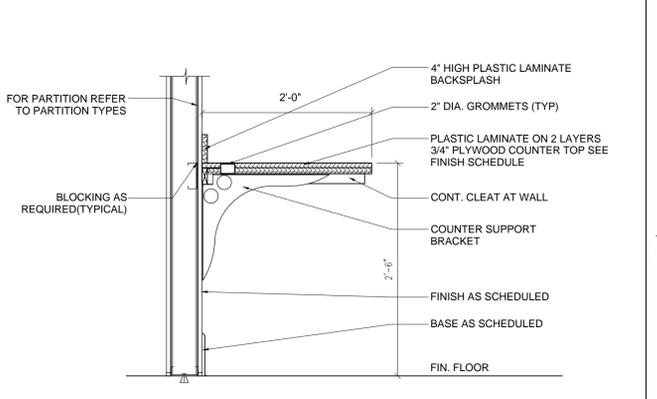
**3** TYP. WALL CABINET (NO ADJ. SHELF)  
A-204a SCALE: 1" = 1'-0"



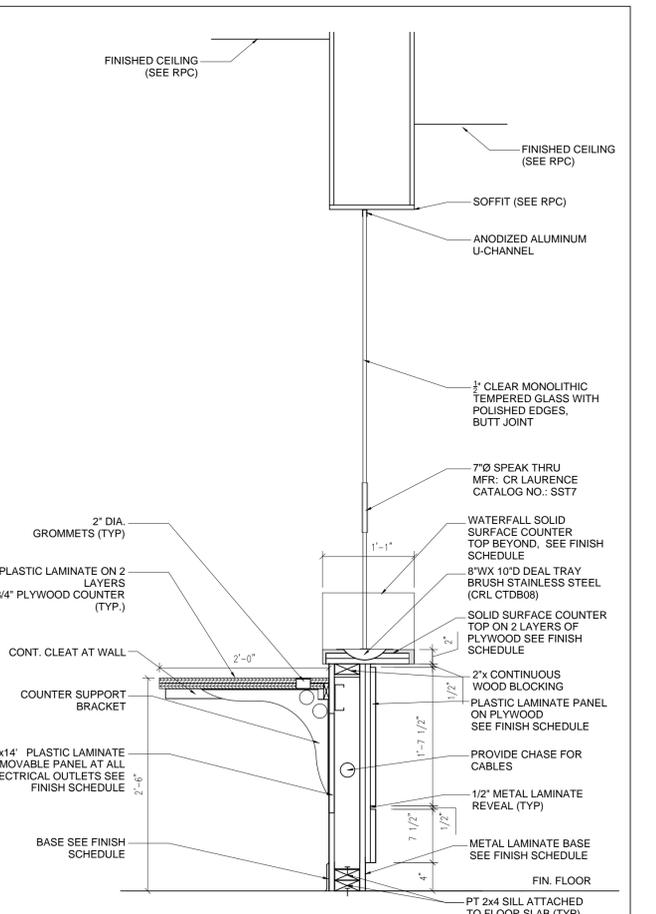
**4** TYP. BASE CABINET SECTION  
A-204a SCALE: 1" = 1'-0"



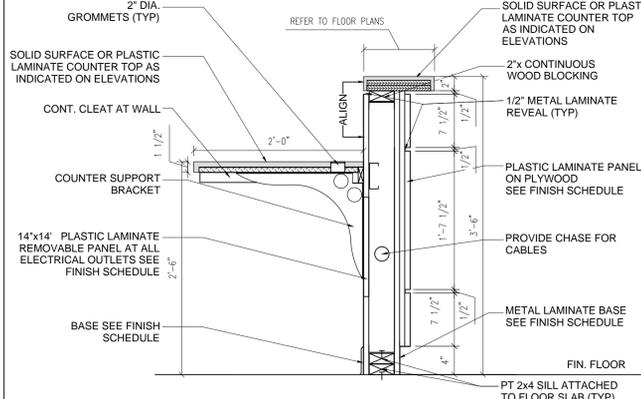
**5** TYP. OPEN/ADJ SHELF BASE CABINET  
A-204a SCALE: 1" = 1'-0"



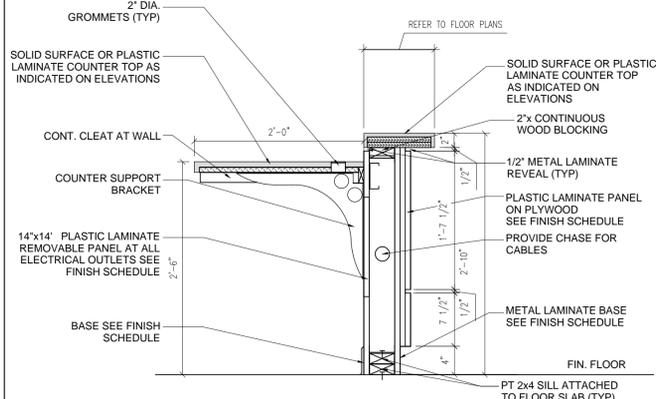
**6** WRITING DESK SECTION  
A-204a SCALE: 1" = 1'-0"



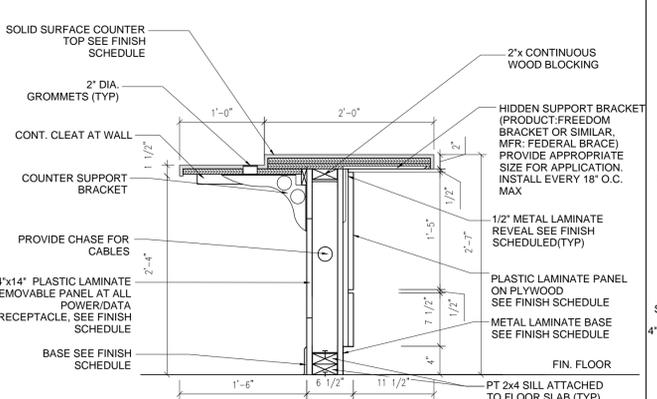
**7** TRANSACTION COUNTER AT FINANCE  
A-204a SCALE: 1" = 1'-0"



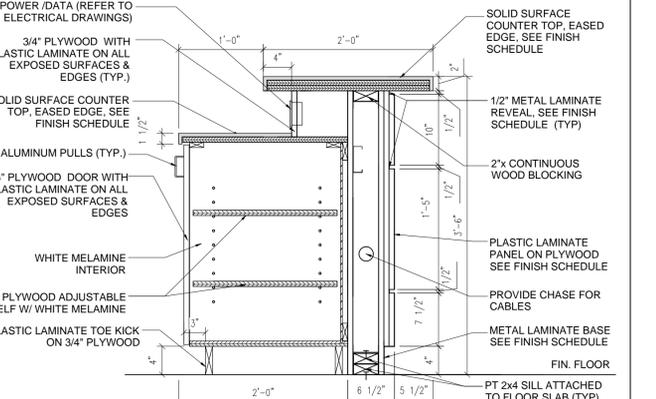
**8** TYP. 42" H RECEPTION COUNTER  
A-204a SCALE: 1" = 1'-0"



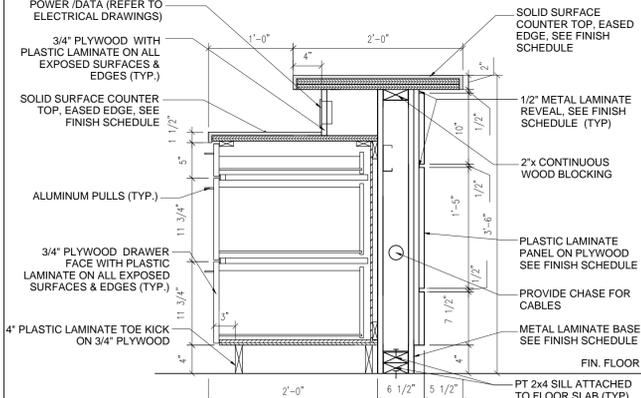
**9** TYP. 34" H RECEPTION COUNTER  
A-204a SCALE: 1" = 1'-0"



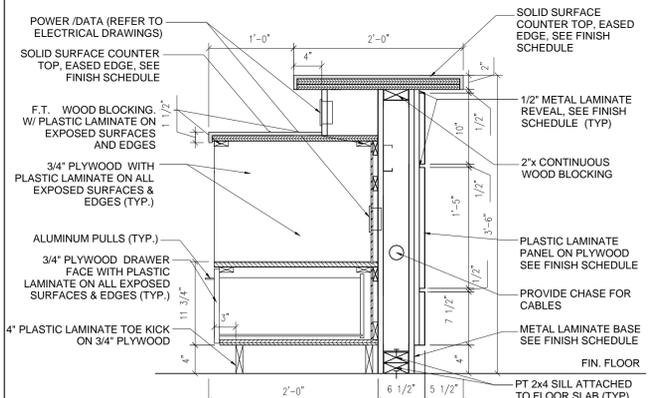
**10** 31" H COUNTER @ BUILDING PERMIT  
A-204a SCALE: 1" = 1'-0"



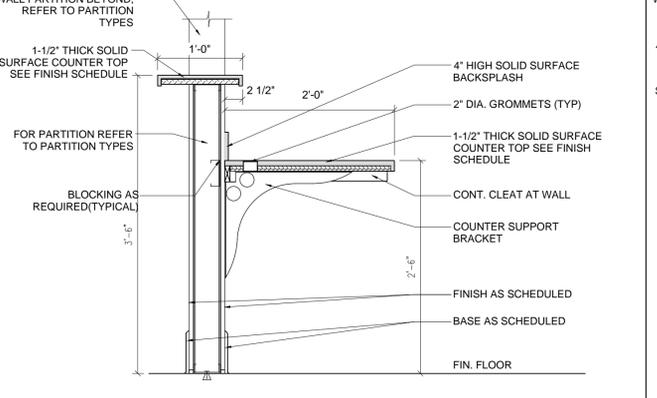
**11** 42" H COUNTER @ ZONING & PLANING  
A-204a SCALE: 1" = 1'-0"



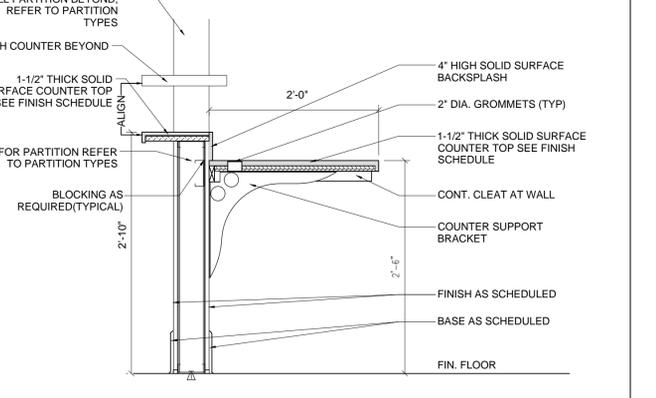
**12** 42" H COUNTER @ ZONING & PLANNING  
A-204a SCALE: 1" = 1'-0"



**13** 42" H COUNTER @ ZONING & PLANNING  
A-204a SCALE: 1" = 1'-0"



**14** 42" H COUNTER @ HR  
A-204a SCALE: 1" = 1'-0"



**15** 34" H COUNTER @ HR  
A-204a SCALE: 1" = 1'-0"

CONSULTANT IN CHARGE

SUBMITTALS:

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT TEAM

PROFESSIONAL IN CHARGE

GEORGE H. HOHMANN, AIA

REGISTRATION NUMBER: AR-0008448

DRAWN BY

CHECKED BY

DM

CITY OF HOLLANDALE BEACH

CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY, HOLLANDALE BEACH, FL 33009

PROJECT NAME

MILLWORK DETAILS 1

SHEET TITLE

associates, inc.  
architecture • engineering  
roofing • consulting  
construction management

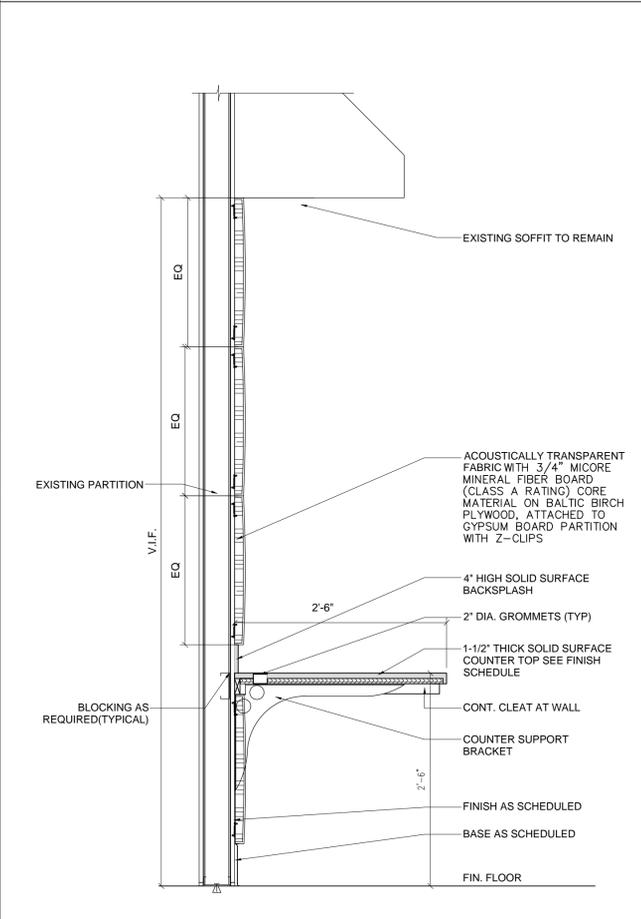
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15-015 G02  
PROJECT NUMBER

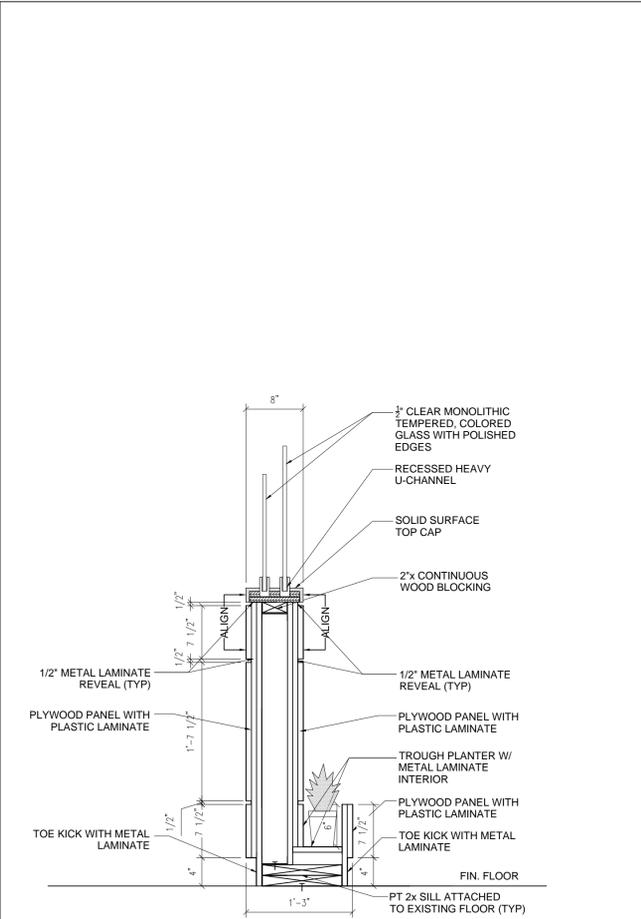
**A-204a**  
SHEET NUMBER

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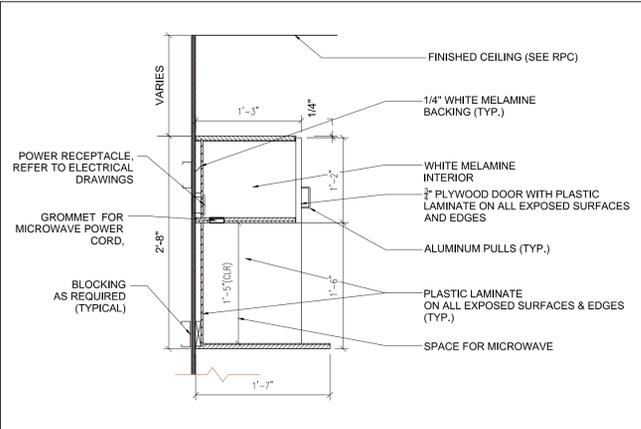
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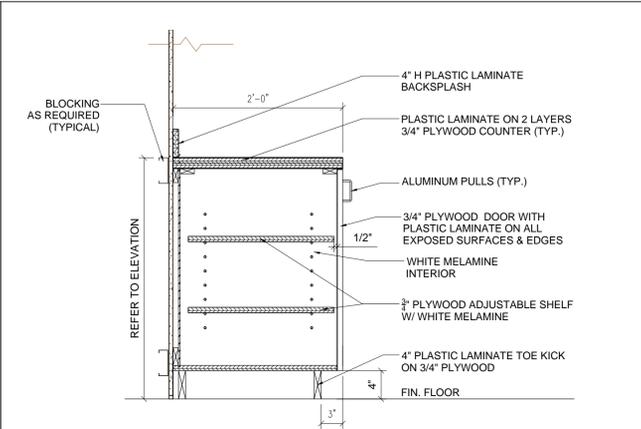
**1**  
A-204b **COUNTER @ MEETING ROOM (@ First Fl. Elevator)**  
SCALE: 1" = 1'-0"



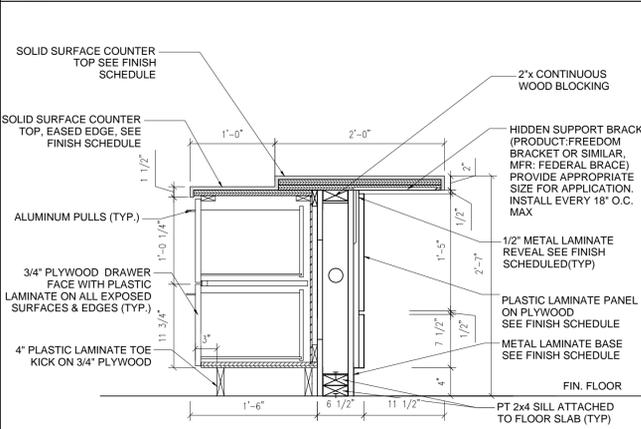
**2**  
A-204b **COUNTER @ MEETING ROOM (@ First Fl. Elevator)**  
SCALE: 1" = 1'-0"



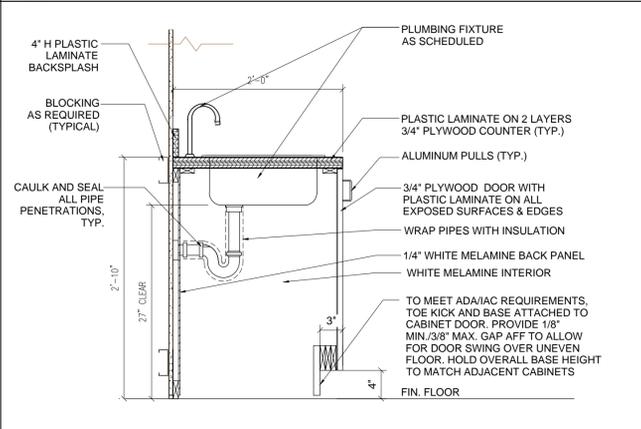
**3**  
A-204b **TYP. WALL CABINET (w/microwave shelf)**  
SCALE: 1" = 1'-0"



**4**  
A-204b **TYP. BASE CABINET SECTION**  
SCALE: 1" = 1'-0"



**5**  
A-204b **CNTR W/ FILE CAB. @ BUILDING PERMIT**  
SCALE: 1" = 1'-0"



**5**  
A-204b **ADA SINK CABINET**  
SCALE: 1" = 1'-0"

**MILLWORK GENERAL NOTES**

- ALL MILLWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH "PREMIUM GRADE" STANDARDS AS ESTABLISHED BY THE "ARCHITECTURAL WOODWORK INSTITUTE".
- THE CABINET MANUFACTURE SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO ANY MANUFACTURING. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- THE CABINET MANUFACTURER SHALL PROVIDE A COMPLETE SET OF SHOP DRAWINGS FOR THE ARCHITECT TO REVIEW PRIOR TO FABRICATION.
- PRIOR TO ERECTING PARTITIONS, THE CONTRACTOR SHALL VERIFY WITH THE VENDOR/SUPPLIER/FABRICATOR OF MILLWORK WHERE BLOCKING WILL BE REQUIRED AND MUST SUBMIT SHOP DRAWINGS TO THE ARCHITECT OF RECORD FOR APPROVAL PRIOR TO COMMENCEMENT OF PARTITIONS AND MILLWORK CONSTRUCTION. ALL LOCATIONS AND ALL HEIGHTS SHALL BE COORDINATED IN THE FIELD.
- ALL EXPOSED FACES OF OPEN SHELVING SHALL BE FINISHED AS NOTED.
- ALL DOOR HINGES TO BE CONCEALED.
- ALL DRAWERS SHALL BE HEAVY DUTY USING COMMERCIAL GRADE GALVANIZED METAL TRACKS AND GLIDES.
- ALL GAPS AT UPPER AND LOWER CABINETS, COUNTERS, AND BACKSPLASH JOINERY SHALL BE SEALED USING APPROVED SEALANT.
- ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED. ALL WOOD BLOCKING SHALL BE FIRE TREATED.
- REFER TO FINISH SCHEDULE FOR SURFACE FINISHES.
- CABINET WIDTHS ARE BASED ON MODULE INCREMENTS OF 3 INCHES FROM 15 TO 36 INCH WIDE CABINETS AND 6 INCH INCREMENTS FOR 36 TO 48 INCHES WIDE CABINETS.
- PROVIDE FILLER PANEL WHERE CABINET WORK ABUTS WALL OR HEADER ABOVE, 1 INCH MINIMUM TO 3 INCH MAXIMUM WIDTH, U.O.N.
- PROVIDE ADJUSTABLE SHELVES AS DELINEATED IN THE CABINET DETAILS/SECTIONS.
- PROVIDE DOOR AND DRAWER PULLS AS DELINEATED ON DETAILS. DOOR AND DRAWER PULLS TO BE PLACED AT HEIGHTS AFF PER INDUSTRY STANDARDS.
- PROVIDE ENDSPLASH WHEN COUNTERTOP IS ADJACENT TO WALLS AT SIDES, U.O.N.
- PROVIDE METAL BACKING WITHIN WALL FOR ALL MOUNTED CABINETRY.
- SPECIALIZED CABINET SECTIONS ONLY ARE NOTED ON CABINET ELEVATIONS. OTHER CABINET SECTIONS ILLUSTRATE TYPICAL CONSTRUCTION AND NOT EVERY DOOR AND/OR DRAWER VARIATION IS SHOWN. COORDINATE WITH CABINET ELEVATIONS.
- ALL COUNTERTOPS AND SHELVING ARE TO BE FINISHED WITH ROUNDED CORNERS/ EDGES.

CONSULTANT IN CHARGE

**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE

PROJECT TEAM

PROFESSIONAL IN CHARGE

GEORGE H. HOHMANN, AIA

REGISTRATION NUMBER: AR-0008448

DRAWN BY

CHECKED BY

DM

CITY OF HALLANDALE BEACH

CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY, HALLANDALE BEACH, FL 33009

PROJECT NAME

MILLWORK DETAILS 2

SHEET TITLE

ACAI

associates, inc.

architecture • engineering • roofing • consulting construction management

40001323 • EB0004379 • CGC010769  
2937 W. Cypress Creek Rd., Suite 200  
Fort Lauderdale, Florida 33309  
Tel: 954.484.4000 • Fax: 954.484.5588  
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15-015 G02

PROJECT NUMBER

**A-204b**

SHEET NUMBER

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REVISIONS: NO. DESCRIPTION DATE

PROJECT TEAM PROFESSIONAL IN CHARGE GEORGE H. HOHMANN, AIA REGISTRATION NUMBER AR-000848 DESIGNED BY AC&I DRAWN BY NAF CHECKED BY DW

CONSULTANT IN CHARGE



CITY OF HALLANDALE BEACH

CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY, HALLANDALE BEACH, FL 33009

PROJECT NAME

SPECIFICATION SHEET 2

SHEET TITLE



AA001323 EB0004379 CG010769 2937 W. Cypress Creek Rd., Suite 200 Fort Lauderdale, Florida 33309 Tel: 954.484.4000 • Fax: 954.484.5588 www.acaiworld.com

15-015-G02 PROJECT NUMBER

A-302 SHEET NUMBER

TO THE BEST OF MY KNOWLEDGE AND ABILITY THESE PLANS ARE COMPLETE AND COMPLY WITH THE APPLICABLE BUILDING CODES

SECTION 08 11 16 - INTERIOR ALUMINIUM DOORS AND FRAMES - CONTINUED

1.7 WARRANTY A. WARRANTY: MANUFACTURER'S WARRANTY AGREEING TO REPAIR OR REPLACE COMPONENTS USED IN INTERIOR INSTALLATIONS, EXCLUDING GLASS... 2.1 MANUFACTURER A. MANUFACTURER: BASED ON DESIGN B. PROVIDE COMPLETE SYSTEM FROM SINGLE MANUFACTURER... 2.2 COMPONENTS A. FRAMING, GENERAL: 1. MATERIAL: ALUMINIUM EXTRUSIONS, 6061 ALLOY... B. HEADS, JAMBS, BEAMS, AND COLUMNS: 1. PROFILES: A. HEAD AND JAMB: 4 INCHES DEEP, WITH INTEGRAL STOPS... 2.2.2 COMPONENTS C. STILES AND RAILS: 1. STILE AND RAIL SIGHTLINES: A. [4 INCH SIGHT LINE, 0.051 INCH MINIMUM THICKNESS]... 2. DOOR BOTTOM RAIL: 4 INCH SIGHT LINE... D. GLASS: CATEGORY II SAFETY GLAZING PER CPSC 16 CFR 1201. 1. MONOLITHIC CLEAR TEMPERED GLASS: 5 MM THICK, ASTM C1048, KIND FT. A. BACK PAINTING: NONE... 2.3 HARDWARE A. LOCKS AND LATCHES: 1. LEVER SET: PASSAGE SET (NO LOCK - STAINLESS STEEL)... B. PIVOTS: TOP PIVOT HINGE AND BOTTOM PIVOT... 2.4 FABRICATION AND ASSEMBLY A. PANEL AND DOOR DESIGN: SINGLE LIGHT... B. FACTORY ASSEMBLY: FABRICATE DOORS, PANELS, AND FRAME COMPONENTS TO FINISHED SIZES IN FACTORY... 2.5 ACCESSORIES A. SILICONE ADHESIVE: CLEAR, CONSTRUCTION GRADE SILICONE ADHESIVE... B. FASTENERS: AS INDICATED IN SHOP DRAWINGS... PART 3 - EXECUTION 3.1 EXAMINATION A. VERIFY THAT OPENINGS ARE ACCEPTABLE FOR INSTALLATION OF WORK OF THIS SECTION... 3.2 INSTALLATION A. INSTALL SYSTEMS ACCORDING TO SHOP DRAWINGS AND MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS... 3.3 ADJUSTING, CLEANING AND PROTECTION A. ADJUST SWINGING DOORS FOR SMOOTH OPERATION... B. COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR CLEANING AND MAINTENANCE... C. CLEAN ALUMINIUM AND GLASS SURFACES IMMEDIATELY AFTER INSTALLING DOORS AND FRAMES... D. PROTECT SURFACES FROM IMPACT AND FROM CONTACT WITH CONTAMINATING SUBSTANCES RESULTING FROM OTHER CONSTRUCTION OPERATIONS... E. CLEAN IMMEDIATELY BEFORE SUBSTANTIAL COMPLETION... 3.4 CLOSEOUT REQUIREMENTS A. DELIVER EXECUTED WARRANTY.

SECTION 09 2216 - INTERIOR METAL WALL FRAMING & GYPSUM WALL BOARD

PART 1 - GENERAL 1.1 SUBMITTALS A. SUBMIT THE DATA AS REQUIRED BY OWNER... B. MANUFACTURER'S PRODUCT DATA: INDICATING FULL COMPLIANCE WITH REQUIREMENTS OF THIS SECTION, INCLUDING INSTALLATION INSTRUCTIONS... PART 2 - PRODUCTS 2.1 FRAMING MEMBERS A. INTERIOR STUDS: CEE-SHAPED, PUNCHED WEB STEEL STUDS, HOT-DIPPED GALVANIZED FINISH (ASTM A525) COMPLYING WITH ASTM C645... B. RUNNERS: SIZED FOR STUDS USED AND OF THE SAME GAGE. GALVANIZED FINISH SHALL CONFORM TO THE REQUIREMENTS OF ASTM A525... 2.2 FASTENERS A. FOR ATTACHMENT TO MASONRY AND CONCRETE: 1. TYPE: POWER-DRIVEN PINS, OF SUFFICIENT LENGTH TO PENETRATE AND DEVELOP HOLDING POWER... 2. HARDENED CONCRETE NAILS MAY BE USED... B. FOR ATTACHMENT TO METAL OR WOOD: 1. TYPE: TYPE S PAN-HEAD SCREWS AS RECOMMENDED BY FASTENER MANUFACTURER, SELF-DRILLING, SELF-TAPPING... C. TIE WIRE: GALVANIZED SOFT ANNEALED WIRE: 1. 18 GAGE WIRE: USE FOR WIRE-TYING CHANNELS IN WALL FURRING... D. DRY WALL SCREWS: USG, DRY WALL TYPE S, SELF DRILLING, TYPE S-12, SELF TAPPING, BUGLE HEAD AND PAN HEAD SCREWS... E. JOINT TREATMENT COMPOUNDS: 1. ADHESIVE JOINT TREATMENT: USG "PERF-A-TAPE" 2. JOINT COMPOUND USG "READY MIXED COMPOUND - ALL PURPOSE"... 2.3 GYPSUM BOARD A. GYPSUM BOARD: USG "SHECTROCK BRAND AS MANUFACTURED BY U.S. GYPSUM 1. FIRE RATED: TYPE "X" TAPPERED EDGES, 5/8" THICK... 2. WATER RESISTANT: TYPE "X", WR, TAPPERED EDGES, 5/8" TICK... 3. TILE BACKER DUROCK, 1/2" TICK... 2.4 ACOUSTICAL SEALANT A. TYPE: USG'S "ACOUSTICAL SEALANT"... 2.5 SUBSTITUTIONS A. THE FOLLOWING MANUFACTURERS ARE ACCEPTABLE ONLY AFTER COMPLIANCE WITH REQUIREMENTS OF THIS SECTION: 1. CONSOLIDATED SYSTEMS, INC. (CSI)... 2. DIETRICH INDUSTRIES... 3. FORMETAL CO... 4. GOLD BOND BUILDING PRODUCTS/NATIONAL GYPSUM DIVISION/CHARLOTTE, N.C... 5. UNIMAST CORP.

SECTION 08 14 16 - WOOD DOORS - CONTINUED

3.3 ADJUSTING/CLEANING/PROTECTING A. ADJUST DOORS AND HARDWARE. 1. REHANG OR REPLACE DOORS WHICH DO NOT SWING OR OPERATE FREELY, AS DIRECTED BY ARCHITECT... 2. REFINISH OR REPLACE DOORS DAMAGED DURING INSTALLATION AS DIRECTED BY ARCHITECT... B. CLEAN-UP HARDWARE AND ADJACENT SURFACES UPON COMPLETION. 1. DO NOT USE ABRASIVES OR LIQUID CLEANERS THAT WILL HARM PERMANENT FINISHES... 2. PROTECT DOOR SURFACES AT ALL TIMES... C. PROTECTION: COMPLETED DOOR WORK SHALL BE PROTECTED FROM DAMAGE AND DETERIORATION UNTIL FINAL ACCEPTANCE OF THE WORK... SECTION 08 71 11 - FINISH HARDWARE PART 1 - GENERAL 1.4 SUBMITTALS A. SUBMIT PRODUCT DATA AND SCHEDULES... B. HARDWARE SCHEDULE: COMPLETE MATERIALS LIST OF ALL ITEMS PROPOSED TO BE FURNISHED AND DELIVERED UNDER THIS SECTION... C. MANUFACTURER'S PRODUCT DATA: INDICATING FULL COMPLIANCE WITH REQUIREMENTS OF THIS SECTION... 1.5 DELIVERY, HANDLING, STORAGE A. PACKING AND MARKING: INDIVIDUALLY PACKAGE EACH UNIT OF FINISH HARDWARE, COMPLETE WITH PROPER FASTENINGS AND APPURTENANCES, CLEARLY MARKED ON THE OUTSIDE TO INDICATE THE CONTENTS AND SPECIFIC LOCATIONS IN THE WORK... B. REPLACEMENTS: IN THE EVENT OF DAMAGE, IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENTS NECESSARY TO THE APPROVAL OF THE ARCHITECT AND AT NO ADDITIONAL COST TO THE OWNER... 1.6 OPERATION AND MAINTENANCE DATA A. TOOLS FOR MAINTENANCE: FURNISH A COMPLETE SET OF SPECIALIZED TOOLS AS NEEDED FOR OWNER'S CONTINUED ADJUSTMENT, MAINTENANCE AND REMOVAL AND REPLACEMENT OF BUILDERS HARDWARE... 1.7 KEYING A. GENERAL: SUPPLIER WILL MEET WITH OWNER TO FINALIZE KEYING REQUIREMENTS AND OBTAIN FINAL INSTRUCTIONS IN WRITING... B. DELIVER ALL PERMANENT KEYS, MASTER KEYS AND GRAND MASTER KEYS, TO THE GENERAL CONTRACTOR'S PROJECT MANAGER... C. TEMPORARY CONSTRUCTION ACCESS DOORS SHALL HAVE THE FOLLOWING HARDWARE: SCHLAGE D53P RHODES LOCK 626 "E" KEYWAY, KEYS "O" BIT, LCN 4041 DOOR CLOSER AND VON DUPRIN 88 PANIC DEVICE... PART 2 - PRODUCTS 2.1 HARDWARE A. FINISH: FINISH TO MATCH EXISTING AT THE JOB SITE IF NOT SPECIFIED... B. KEYS: PROVIDE KEYS OF NICKEL SILVER ONLY... C. ALL DOOR HANDLES SHALL BE LEVERED TO MEET A D.A. REQUIREMENTS... PART 3 - PRODUCTS 3.1 INSTALLATION A. MOUNT HARDWARE UNITS AT HEIGHTS INDICATED IN "RECOMMENDED LOCATIONS" FOR BUILDERS' HARDWARE... B. INSTALL EACH HARDWARE ITEM IN COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS... C. SET UNITS LEVEL, PLUMB AND TRUE TO LINE AND LOCATION, ADJUST AND REINFORCE THE ATTACHMENT SUBSTRATE AS NECESSARY FOR PROPER INSTALLATION AND OPERATION... D. DRILL AND COUNTERSINK UNITS WHICH ARE NOT FACTORY-PREPARED FOR ANCHORAGE FASTENERS, SPACE FASTENERS AND ANCHORS IN ACCORDANCE WITH INDUSTRY STANDARDS.

SECTION 08 11 16 - INTERIOR ALUMINIUM DOORS AND FRAMES

PART 1 - GENERAL 1.1 SUMMARY A. INCLUDES INTERIOR ALUMINIUM-FRAMED GLASS DOORS, GLAZED PANELS, AND FRAMES... B. RELATED REQUIREMENTS: 1. SECTION 08 71 00 - DOOR HARDWARE... C. REFERENCES: 1. [AAMA 611: ANODIZED ARCHITECTURAL ALUMINIUM] 2. ASTM B308: ALUMINIUM-ALLOY 6061-T6 STANDARD STRUCTURAL PROFILES 3. [ASTM C1048: HEAT-TREATED FLAT GLASS - KIND HS, KIND FT COATED AND UNCOATED GLASS] 4. [ASTM C1172: LAMINATED ARCHITECTURAL FLAT GLASS] 5. CPSC 16 CFR 1201: SAFETY STANDARD FOR ARCHITECTURAL GLAZING MATERIALS... 1.2 ADMINISTRATIVE REQUIREMENTS A. FIELD-VERIFY DIMENSIONS AND CLEARANCES FOR OPENINGS SCHEDULED TO RECEIVE WORK OF THIS SECTION... B. SCHEDULING: 1. ORDERING AND DELIVERY: ORDER PRODUCTS WITH SUFFICIENT LEAD TIME TO AVOID DELAYS IN PROJECT SCHEDULE... 2. INSTALLATION: TO EXTENT PRACTICAL, INSTALL WORK AFTER SURROUNDING FINISH WORK IS COMPLETE... 1.3 SUBMITTALS A. PRODUCT DATA: INCLUDE FABRICATION DETAILS, FRAME FINISHES, GLASS TYPES, INSTALLATION DETAILS AND OPERATING INSTRUCTIONS FOR EACH TYPE OF OPENING... B. SHOP DRAWINGS: INCLUDE ELEVATIONS, DETAILS, HARDWARE, OPERATIONAL CLEARANCES AND ACCESSORIES... C. SAMPLES FOR VERIFICATION: 1. EXTRUSIONS: 6 INCHES LONG, SHOWING FINISH... 2. GLASS: 3 INCHES SQUARE... D. WARRANTY: SUBMIT SAMPLE OF MANUFACTURER'S STANDARD WARRANTY... 1.4 CLOSEOUT SUBMITTALS A. OPERATION AND MAINTENANCE DATA... B. EXECUTED WARRANTY... 1.5 QUALITY ASSURANCE A. INSTALLER: APPROVED BY MANUFACTURER... B. ENGINEER FOR INSTALLATIONS NOT SUPPORTED FROM ABOVE: LICENSED IN PROJECT JURISDICTION... 1.6 DELIVERY, STORAGE, AND HANDLING A. DELIVERY: DELIVER PRODUCTS AFTER SPACE IS ENCLOSED AND WET WORK IS COMPLETE... B. ACCEPTANCE: INSPECT PACKAGING AND REPORT NOTICEABLE DAMAGE TO MANUFACTURER WITHIN 48 HOURS OF RECEIVING... C. STORAGE: STORE IN ORIGINAL PACKAGING, UP TO TEN DEGREES FROM VERTICAL, ON LEVEL FLOOR SURFACE... D. HANDLING: HANDLE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND TO PREVENT DAMAGE.

SECTION 08 11 13 - HOLLOW METAL DOOR FRAMES - CONTINUED

PART 4 - EXECUTION 4.1 FRAME INSTALLATION A. GENERAL: 1. INSTALL FRAMES, AND ACCESSORIES IN ACCORDANCE WITH FINAL SHOP DRAWINGS... 2. EXCEPT FOR FRAMES LOCATED AT IN-PLACE CONSTRUCTION PLACE FRAMES PRIOR TO CONSTRUCTION OF ENCLOSING WALLS AND CEILINGS... 3. AFTER WALL CONSTRUCTION IS COMPLETED, AND FINISHES ARE INSTALLED, INSTALL THE DOOR FRAMES... B. IN METAL STUD PARTITIONS: 1. INSTALL HOLLOW METAL FRAMES IN CLOSE COORDINATION WITH METAL STUDS AND GYPSUM WORK AND FINISHES... 2. ATTACH ANCHORS TO METAL STUDS... 3. WHERE DOOR FRAMES ARE SCHEDULED OR DETAILED TO BE REINFORCED BY STRUCTURAL STEEL BUILT INTO PARTITIONS, ATTACH JAMB ANCHORS TO STRUCTURAL STEEL... 4.2 ADJUST AND CLEAN A. CLEAN UP FRAMES AND ADJACENT SURFACES UPON COMPLETION... B. AFTER INSTALLATION, CONTRACTOR SHALL TOUCH-UP SCRATCHED AND DAMAGED SURFACES... 1. DENTED OR BENT FRAMES SHALL BE REPAIRED AS REQUIRED WITH METAL PUTTY... 2. DAMAGED UNITS WHICH CAN NOT BE REPAIRED TO MEET ARCHITECT'S APPROVAL SHALL BE REPLACED WITH NEW UNITS.

SECTION 08 14 16 - WOOD DOORS

PART 1 - GENERAL 1.1 SECTION INCLUDES A. SOLID CORE VENEERED DOORS, FLUSH DESIGN WITH STAINED FACTORY FINISH WOOD FACES... B. THE WORK INCLUDES, BUT IS NOT LIMITED TO, INSTALLING THE FOLLOWING ITEMS FURNISHED UNDER THE SECTION INDICATED. 1. FINISH HARDWARE FOR WOOD DOORS, SECTION 08710... 1.2 SUBMITTALS A. SUBMIT SHOP DRAWINGS AS REQUIRED BY OWNER... B. DOOR SCHEDULE: USING SAME REFERENCE NUMBERS FOR OPENINGS AS THOSE INDICATED ON ARCHITECT'S DOOR SCHEDULE... C. SHOP DRAWINGS AND PRODUCT DATA INDICATING: 1. DOOR ELEVATIONS... 2. LOCATION AND TYPE OF PROVISIONS IN DOORS FOR SCHEDULED HARDWARE ATTACHMENT... 3. DOOR CONSTRUCTION SHOWING TYPE OF CORE, TYPE OF STILES, RAILS, AND INTERNAL BLOCKING FOR HARDWARE ATTACHMENT... D. COORDINATE THE WORK OF THIS SECTION WITH THE REQUIREMENTS OF FRAMES SPECIFIED IN OTHER SECTIONS... 1.3 WARRANTY A. CONTRACTOR SHALL FURNISH THE DOOR MANUFACTURER'S WRITTEN CERTIFICATE GUARANTEEING THE DOORS AGAINST WARPAGE, DELAMINATION, TELEGRAPHING AND FAULTY MATERIALS FOR THE "LIFE OF ORIGINAL INSTALLATIONS"... PART 2 - PRODUCTS 2.1 ACCEPTABLE MANUFACTURERS A. ALGOMA HARDWOODS... B. EGGERS HARDWOOD PRODUCTS CORPORATION... C. GRAHAM... D. MOHAWK... E. VT INDUSTRIES... F. WEYERHAEUSER CORPORATION... G. OTHER MANUFACTURERS ARE ACCEPTABLE FOR REVIEW ONLY AFTER COMPLIANCE WITH THIS SECTION... 2.2 NON-RATED DOORS A. DOOR CONSTRUCTION: NON-RATED DOORS SHALL BE FABRICATED TO MEET THE REQUIREMENTS OF NFPA 119, 1480 SERIES AND AWI SECTION 1320, TYPE PC-5 DOORS... B. CORE: MINIMUM 32 LB PER CUBIC FOOT AVERAGE DENSITY PARTICLEBOARD, ANSI A208.1 QUALITY, DROP IN CORE NOT ACCEPTABLE... C. CROSS BANDS: ONE PLY HARDWOOD VENEERS, CROSS BANDS CONCEALED AT EDGES... D. CORE: MINIMUM 32 LB PER CUBIC FOOT AVERAGE DENSITY PARTICLEBOARD, ANSI A208.1 QUALITY, DROP IN CORE NOT ACCEPTABLE... 1. THICKNESS: 1-3/4" 2. DOOR VENEERS: AS SPECIFIED UNDER "VENEER" IN THIS SECTION... 3. CROSS BANDS: ONE PLY HARDWOOD VENEERS, CROSS BANDS CONCEALED AT EDGES... 4. CORE: MINIMUM 32 LB PER CUBIC FOOT AVERAGE DENSITY PARTICLEBOARD, ANSI A208.1 QUALITY, DROP IN CORE NOT ACCEPTABLE... 5. STILES: HARDWOOD, 1-1/2" HARDWOOD AT TOP AND BOTTOM... 6. RAILS: 1-1/8 INCHES... 7. STRIKE EDGES: BEVELED... 8. PREFITTED TO FRAMES AT FACTORY: REQUIRED... 9. BOTTOM OF DOORS: 5/8" MAXIMUM UNDERCUT EXCEPT WHERE 3/4" UNDERCUT IS SPECIFICALLY INDICATED IN THE DOOR AND FRAME SCHEDULE... 10. PRE-MACHINED FOR SCHEDULED HARDWARE AT FACTORY... 2.3 VENEER A. INTERIOR DOORS: 1. WOOD VENEER: a. PREMIUM WITH GRADE A FACE, 5 PLY WOOD VENEER... b. SPECIES: WHITE BIRCH, ROTARY CUT, CONFIRM FACILITY STANDARD PRIOR TO PLACING ORDER, FACTORY FINISH... 2. COLOR: SHALL MATCH FACILITY STANDARD... PART 3 - EXECUTION 3.1 INSPECTION A. BEFORE INSTALLING DOORS, EXAMINE DOOR FRAMES AND VERIFY THAT FRAMES ARE OF CORRECT TYPE AND PROPERLY INSTALLED... B. IF CONDITIONS EXIST WHICH ARE UNSATISFACTORY FOR THE INSTALLATION OF DOORS, CONTRACTOR SHALL BE NOTIFIED IMMEDIATELY IN WRITING... 1. DO NOT PROCEED WITH DOOR INSTALLATION UNTIL UNSATISFACTORY CONDITIONS ARE CORRECTED IN COMPLIANCE WITH CONTRACT DOCUMENTS... 3.2 INSTALLATION A. GENERAL: HANDLE DOORS WITH CLEAN GLOVES... 1. DO NOT DRAG DOORS ACROSS DOORS... 2. DO NOT DRAG DOORS ACROSS FLOOR... B. INSTALL DOORS IN ACCORDANCE WITH APPROVED SHOP DRAWINGS AND MANUFACTURER'S RECOMMENDATION... 1. DOORS SHALL BE INSTALLED PLUMB, AND FIT SQUARE IN FRAME WITH MAXIMUM DIAGONAL AND VERTICAL DISTORTION OF 1/16" 2. THE COMPLETED DOOR WORK SHALL BE COMPLETE WITH ACCESSORIES AS SPECIFIED IN THIS SECTION AND IN ACCORDANCE WITH CONTRACT DOCUMENTS... C. DOOR CLEARANCES: 1. 1/8" AT JAMBS AND HEADS... 2. 1/8" AT MEETING STILES FOR PAIRS OF DOORS... 3. AT THRESHOLDS: AS REQUIRED TO COMPLY WITH SCHEDULED DOOR HARDWARE... D. DOOR HARDWARE: INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 08712... 1. INSTALL DOOR HARDWARE WITHOUT FORCING, WITH PROPER CLEARANCES AND ALIGNMENT, SO THAT OPERATION IS SMOOTH AND EASY, FREE OF BINDING AND/OR TWISTING... 2. STRENGTH OF DOOR SHALL NOT BE IMPAIRED WHEN CUTTING OR ALTERING DOOR FOR INSTALLATION OF HARDWARE.

SECTION 06 40 23 - CONTINUED

B. IN WALLS: 1. DO NOT INSTALL SOUND-ATTENUATION BLANKETS BEFORE MECHANICAL AND ELECTRICAL WORK IS COMPLETE... 2. "FRICTION-FIT" BLANKETS BETWEEN STUDS AFTER COVER MATERIAL HAS BEEN INSTALLED ON ONE SIDE, FILL CAVITIES SHALL BE COMPLETELY FILLED, WITHOUT GAPS AND VOIDS... 3. FIT BLANKETS TIGHTLY TO MECHANICAL AND ELECTRICAL ITEMS WITHIN THE AREA OF BLANKETS... 4. PACK INSULATION AROUND DOOR FRAMES AND VIEW WINDOW FRAMES, IN CRACKS, AND OTHER VOIDS... 3.2 PROTECTION A. BLANKETS WHICH ARE DAMAGED OR BECOMES WET AFTER INSTALLATION SHALL BE REPLACED WITH NEW BLANKETS.

SECTION 07 84 13 - FIRESTOPPING:

A. GENERAL: ALL OPENINGS AND PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION SHALL BE SEALED TO THE SATISFACTION OF GOVERNING CODE AUTHORITIES... B. TYPES: 1. SEMI-RIGID FIBROUS SAFING INSULATION COMPLYING WITH ASTM C665, TYPE 1... 2. CAULK OR FOAM TYPE FIRESTOPPING COMPLYING WITH ASTM E84 AND UL1479... 3. INTUMESCENT FIRESTOPPING WHERE REQUIRED BY CODE... C. MINIMUM QUALITY STANDARDS: UL LABELED PRODUCTS OF USG, DOW-CORNING OR 3M... D. INSTALLATION: CONTRACTOR SHALL SEAL ALL PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION TO THE SATISFACTION OF GOVERNING CODE AUTHORITIES... 1. INSTALL FIRE-BARRIER SAFING INSULATION IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED RECOMMENDATIONS AND WITHOUT VISIBLE GAPS OR SEPARATIONS... 2. TRIM EXCESS MATERIAL FLUSH WITH ADJACENT SURFACE... 3. REMOVE SPILLS, LEAVE AREAS IN UNDAAMAGED CLEAN CONDITION.

SECTION 08 11 13 - HOLLOW METAL DOOR FRAMES

PART 1 - GENERAL 1.1 SECTION INCLUDES A. STEEL HOLLOW METAL FRAMES... 1.2 DELIVERY, HANDLING, STORAGE A. DELIVER METAL FRAMES CARTONED OR CRATED TO PROVIDE PROTECTION DURING TRANSIT AND JOB STORAGE... B. INSPECT METAL FRAMES UPON DELIVERY FOR DAMAGE... 1.3 QUALITY ASSURANCE A. CONFORM TO REQUIREMENTS OF SDI-100, ANSI A151.1, AND OTHER SPECIFICATIONS HEREIN NAMED... 1.4 SUBMITTALS A. SUBMIT PRODUCT DATA AS PER SECTION 01330... B. PRODUCT DATA: SUBMIT MANUFACTURER'S TECHNICAL DATA... C. SHOP DRAWINGS: INDICATE DETAILS AND GAGES OF FRAMES... 1.5 DELIVERY, STORAGE & HANDLING A. DELIVER METAL FRAMES CARTONED OR CRATED TO PROVIDE PROTECTION DURING TRANSIT AND JOB STORAGE... B. INSPECT METAL FRAMES UPON DELIVERY FOR DAMAGE... C. STORE FRAMES AT BUILDING SITE UNDER COVER... PART 2 - PRODUCTS 2.1 MANUFACTURER A. THE FOLLOWING MANUFACTURERS ARE ACCEPTABLE ONLY AFTER COMPLIANCE WITH REQUIREMENTS OF THIS SECTION... 2.2 STEEL DOOR FRAMES A. TYPE: CONSTRUCTION OF COLD-ROLLED STEEL CONFORMING TO ASTM ABBE, FREE OF DEFECTS, WARP AND BUCKLE... B. GAGE/FINISH: 1. INTERIOR FRAMES: 18 GAGE STEEL WIDE, BONDERIZED AND COATED WITH ZINC CHROMATE RUST-INHIBITIVE PRIMER, BAKED ON... 2. EXTERIOR FRAMES: 16 GAGE STEEL WIDE, BONDERIZED AND COATED WITH ZINC... C. PROVISIONS IN FRAMES FOR HARDWARE... D. ANCHORS: 1. EACH JAMB SHALL HAVE AN ADJUSTABLE ANCHOR LOCATED 4" FROM THE TOP OF THE DOOR OPENING... PART 3 - FINISH 3.1 FRAMES SHALL BE BONDERIZED AND COATED WITH ZINC CHROMATE RUST-INHIBITIVE PRIMER BAKED ON.



**INTERIOR FINISH PLAN GENERAL NOTES:**

**A. GENERAL**

1. THE CONTRACTOR SHALL NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH WORK.
2. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ITEMS REQUIRING FINISH SELECTIONS THAT ARE NOT CLARIFIED IN THE CONTRACT DOCUMENTS OR IN THE PROJECT MANUAL.
3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IF ANY WORK INDICATED IN THE CONTRACT DOCUMENTS CAN NOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS.
4. ALL CLOSETS AND ALCOVES NOT LABELED WITH A FINISH TAG ARE TO BE FINISHED TO MATCH ADJACENT ROOMSPACE.
5. WHERE FINISHES ARE AFFECTED BY THE SCOPE OF WORK, MATCH TEXTURE, TYPE, AND COLOR OF ADJACENT SURFACE.
6. ALL ACTUAL FINISHES SAMPLES ARE TO BE REVIEWED AND APPROVED BY OWNER PRIOR TO ISSUANCE OF SHOP DRAWINGS TO ARCHITECT.

**B. FLOORING TRANSITIONS**

1. FLOORING TRANSITIONS SHALL OCCUR AT THE CENTERLINE OF ALL DOORS, UNLESS OTHERWISE DESIGNATED BY FLOOR TRANSITION SYMBOLS ON THE FINISH PLANS.
2. TRANSITIONS ARE AS FOLLOWS:  
 CARPET TO RESILIENT - REFER TO TM-1  
 LUXURY VINYL PLANK TO EXISTING TERRAZZO - REFER TO TM-2  
 TERRAZZO TO CARPET - REFER TO DETAIL 4/A-204

**C. INTERIOR PAINTING**

1. PAINT VERTICAL AND HORIZONTAL SURFACES OF BULKHEADS AND SOFFITS TO MATCH THE ADJACENT WALL. PAINT FINISH, UNLESS OTHERWISE NOTED.
2. ALL EXISTING WALLS IMPACTED BY RENOVATION THAT CALL FOR NEW FINISHES SHALL BE PAINTED FROM FLOOR TO CEILING AND END TO END OF DISRUPTED PLANE.

**D. WINDOWS, DOORS, DOOR FRAMES**

1. CONTRACTOR SHALL PAINT ALL METAL ACCESS DOORS, ELECTRICAL PANELS, RECESSED CABINET FACES, HVAC REGISTERS, GRILLES, ETC. TO MATCH ADJACENT WALL COLOR, UNLESS LOCAL CODES REQUIRE OTHERWISE. ALL FIRE EXTINGUISHER CABINETS AND FIRE DEPARTMENT VALVE CABINETS SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR, UNLESS OTHERWISE NOTED.
2. INTERIOR HOLLOW METAL DOORS AND DOOR FRAMES SHALL BE PAINTED DPNT-2.
3. EXISTING INTERIOR METAL DOORS AND FRAMES TO BE REPAINTED SHALL RECEIVE PAINT COLOR, DPNT-2.

**E. CEILINGS**

1. ALL GYPSUM BOARD CEILINGS SHALL BE PAINTED CPNT-1, UNLESS NOTED OTHERWISE. REFER TO REFLECTED CEILING PLANS FOR ACCENT SOFFIT/CEILING COLORS.

**LEGEND:**

XX-XX	FLOOR				
XX-XX	BASE				
XX-XX	WALL				
XX-XX	CEILING				

FINISHES TAG - REFER TO FINISH LEGEND

XX-XX ACCENT OR SPECIFIC FINISH

--- CEILING CHANGE / CEILING TREATMENT ABOVE

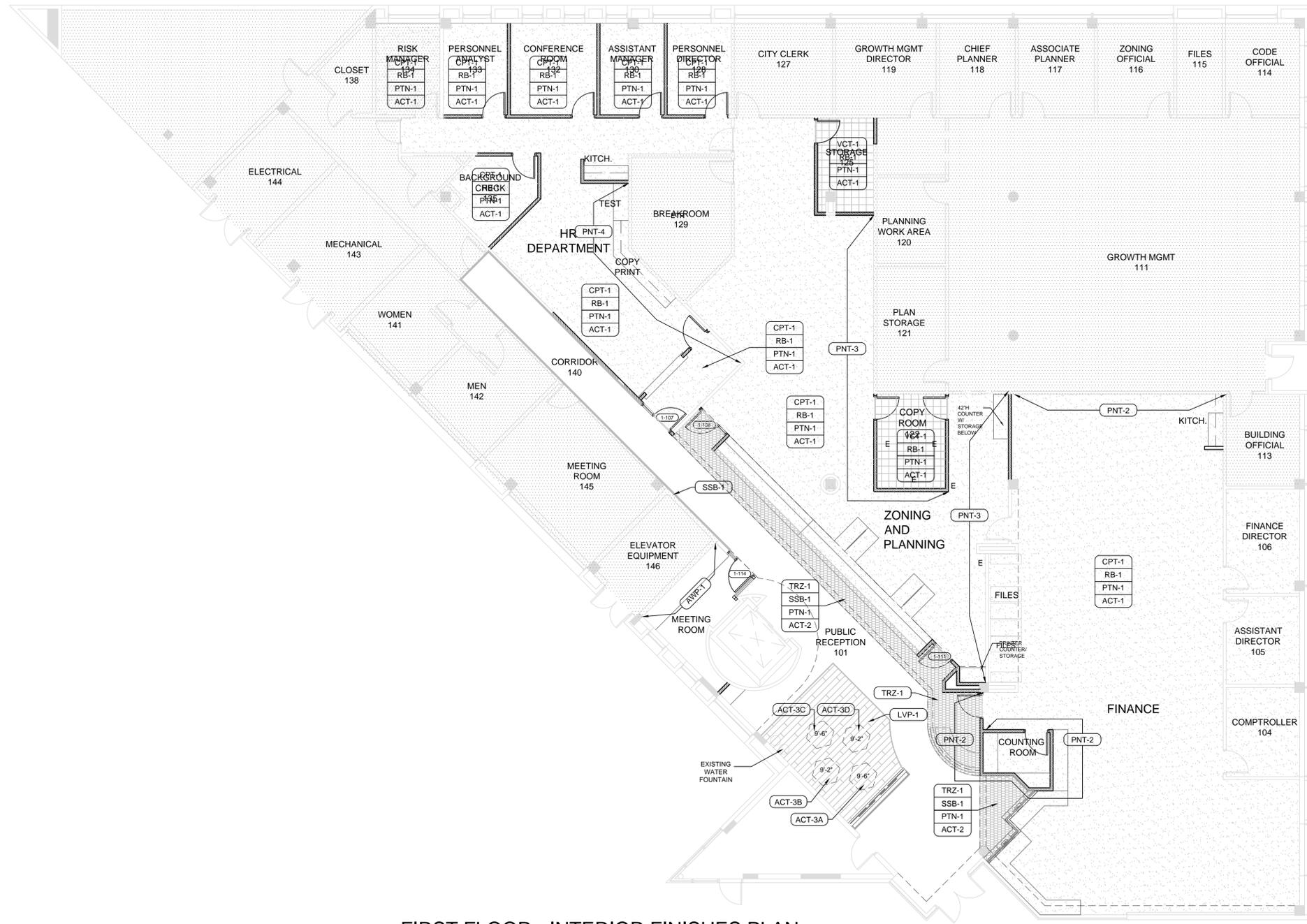
--- EXISTING TO REMAIN

--- NEW CONSTRUCTION

[Pattern]	CARPET	[Pattern]	VCT	[Pattern]	NOT IN SCOPE
[Pattern]	TERRAZZO	[Pattern]	VINYL PLANK (LVP)		

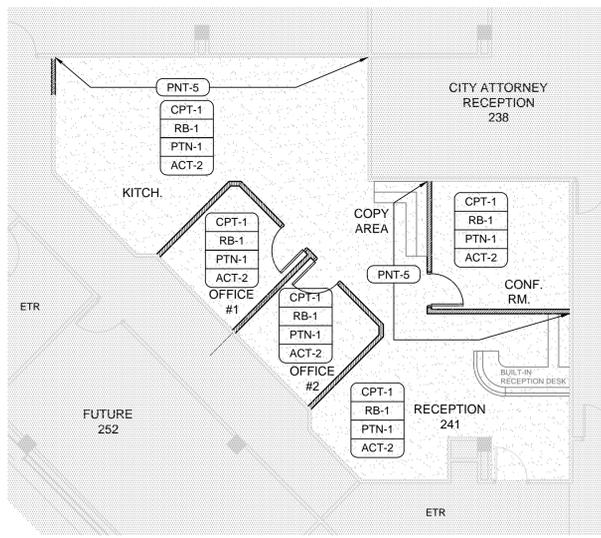
**PARTIAL LIST OF ABBREVIATIONS USED ON THIS SHEET:**

ACT	ACOUSTICAL CEILING TILE	OFOI	OWNER FURNISHED /OWNER INSTALLED
AWP	ACOUSTICAL WALL TILE	PNT	PAINT
CC	COLUMN COVER	PL	PLASTIC LAMINATE
CPT	CARPET TILE	PLC	PLASTIC LAMINATE COUNTER
CPNT	CEILING PAINT	RB	RESILIENT BASE
DPNT	DOOR/FRAME PAINT	SSC	SOLID SURFACE COUNTER
ETR	EXISTING TO REMAIN	TM	TRANSITION TRIM MOULDING
GLS	GLASS	TRZ	TERRAZZO FLOORING
GLSD	GLASS DIVIDER	VCT	VINYL COMPOSITION TILE
IB	INTEGRAL BASE		
OFCI	OWNER FURNISHED /CONTRACTOR INSTALLED		



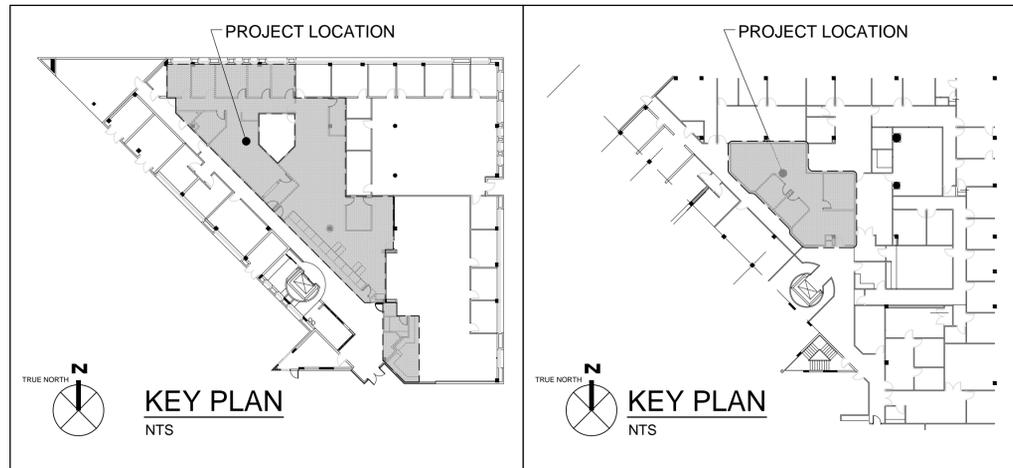
**01 FIRST FLOOR - INTERIOR FINISHES PLAN**

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



**02 SECOND FLOOR - INTERIOR FINISHES PLAN**

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



**CONSULTANT IN CHARGE**

**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE

**PROJECT TEAM**

**PROFESSIONAL IN CHARGE**

GEORGE H. HOHMANN, AIA

**REGISTRATION NUMBER:** AR-0008448

**DRAWN BY:** NAP

**CHECKED BY:** DM



**CITY OF HALLANDALE BEACH**

**CITY HALL RENOVATIONS**

400 SOUTH FEDERAL HIGHWAY,  
HALLANDALE BEACH, FL 33009

**PROJECT NAME**

**FIRST & SECOND FLOORS  
INTERIOR FINISH PLANS**

**SHEET TITLE**

**ACAI**  
associates, inc.  
architecture • engineering  
roofing • consulting  
construction management

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**15-015 G02**  
**PROJECT NUMBER**

**I-101**  
**SHEET NUMBER**

TO THE BEST OF MY KNOWLEDGE  
AND ABILITY THESE PLANS ARE  
COMPLETE AND COMPLY WITH THE  
APPLICABLE BUILDING CODES.  
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**PARTIAL LIST OF ABBREVIATIONS USED ON THIS SHEET:**

ACT	ACOUSTICAL CEILING TILE	OFOI	OWNER FURNISHED
AWP	ACOUSTICAL WALL TILE	JOI	JOINER INSTALLED
CC	COLUMN COVER	PNT	PAINT
CPT	CARPET TILE	PL	PLASTIC LAMINATE
CPNT	CEILING PAINT	PLC	PLASTIC LAMINATE COUNTER
DPNT	DOOR/FRAME PAINT	RB	RESILIENT BASE
ETR	EXISTING TO REMAIN	SSC	SOLID SURFACE COUNTER
GLS	GLASS	TM	TRANSITION TRIM MOULDING
GLSD	GLASS DIVIDER	TRZ	TERRAZZO FLOORING
IB	INTEGRAL BASE	VCT	VINYL COMPOSITION TILE
OFCI	OWNER FURNISHED /CONTRACTOR INSTALLED		

**INTERIOR FINISH PLAN GENERAL NOTES:**

**A. GENERAL**

1. THE CONTRACTOR SHALL NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH WORK.
2. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ITEMS REQUIRING FINISH SELECTIONS THAT ARE NOT CLARIFIED IN THE CONTRACT DOCUMENTS OR IN THE PROJECT MANUAL.
3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IF ANY WORK INDICATED IN THE CONTRACT DOCUMENTS CAN NOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS.
4. ALL CLOSETS AND ALCOVES NOT LABELED WITH A FINISH TAG ARE TO BE FINISHED TO MATCH ADJACENT ROOMSPACE.
5. WHERE FINISHES ARE AFFECTED BY THE SCOPE OF WORK, MATCH TEXTURE, TYPE, AND COLOR OF ADJACENT SURFACE
6. ALL ACTUAL FINISHES SAMPLES ARE TO BE REVIEWED AND APPROVED BY OWNER PRIOR TO ISSUANCE OF SHOP DRAWINGS TO ARCHITECT

**B. FLOORING TRANSITIONS**

1. FLOORING TRANSITIONS SHALL OCCUR AT THE CENTERLINE OF ALL DOORS, UNLESS OTHERWISE DESIGNATED BY FLOOR TRANSITION SYMBOLS ON THE FINISH PLANS.
2. TRANSITIONS ARE AS FOLLOWS:  
 CARPET TO RESILIENT - REFER TO TM-1  
 LUXURY VINYL PLANK TO EXISTING TERRAZZO - REFER TO TM-2  
 TERRAZZO TO CARPET - REFER TO DETAIL, 4/A-204

**C. INTERIOR PAINTING**

1. PAINT VERTICAL AND HORIZONTAL SURFACES OF BULKHEADS AND SOFFITS TO MATCH THE ADJACENT WALL PAINT FINISH, UNLESS OTHERWISE NOTED.
2. ALL EXISTING WALLS IMPACTED BY RENOVATION THAT CALL FOR NEW FINISHES SHALL BE PAINTED FROM FLOOR TO CEILING AND END TO END OF DISRUPTED PLANE.

**D. WINDOWS, DOORS, DOOR FRAMES**

1. CONTRACTOR SHALL PAINT ALL METAL ACCESS DOORS, ELECTRICAL PANELS, RECESSED CABINET FACES, HVAC REGISTERS, GRILLES, ETC. TO MATCH ADJACENT WALL COLOR, UNLESS LOCAL CODES REQUIRE OTHERWISE. ALL FIRE EXTINGUISHER CABINETS AND FIRE DEPARTMENT VALVE CABINETS SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR, UNLESS OTHERWISE NOTED.
2. INTERIOR HOLLOW METAL DOORS AND DOOR FRAMES SHALL BE PAINTED DPNT-2.
3. EXISTING INTERIOR METAL DOORS AND FRAMES TO BE REPAINTED SHALL RECEIVE PAINT COLOR, DPNT-2.

**E. CEILINGS**

1. ALL GYPSUM BOARD CEILINGS SHALL BE PAINTED CPNT-1, UNLESS NOTED OTHERWISE. REFER TO REFLECTED CEILING PLANS FOR ACCENT SOFFIT/CEILING COLORS.

**FINISH LEGEND**

FLOORING		WALL	
(VCT-1)	MANNINGTON COMMERCIAL PROGRESSIONS VCT SIZE: 12' x 12' COLOR: TBD	(PNT-1)	SHERWIN WILLIAMS EG-SHEL, COLOR: SW 7084 PASSIVE
(CPT-1)	INTERFACE CARPET (MODULAR TILE) STYLE: TO SCALE COLOR: 7765 ELEVATIONS INSTALL METHOD: NON DIRECTIONAL	(PNT-2)	ACCENT PAINT COLOR SHERWIN WILLIAMS EG-SHEL, COLOR: SW 6192 CRUSING
(TRZ-1)	TERRAZZO & MARBLE SUPPLY CO. TERROXY RESIN SYSTEMS COLOR: TM12-2047 W/ 1/8" "L" - DIVIDER STRIP	(PNT-3)	ACCENT PAINT COLOR SHERWIN WILLIAMS EG-SHEL, COLOR: SW 6174 FRESHWATER
(LVP-1)	MOHAWK GROUP SECOYA (HOT AND HEAVY) COLOR: 142 KEW GARDENS	(PNT-4)	ACCENT PAINT COLOR SHERWIN WILLIAMS EG-SHEL, COLOR: SW 6485 SPEARMINT
WALL BASE:		(PNT-5)	ACCENT PAINT COLOR SHERWIN WILLIAMS EG-SHEL, COLOR: SW 6486 REFLECTING POOL
(SSB-1)	4" STAINLESS STEEL WALL BASE BRUSHED #4 306 STAINLESS STEEL	(AWP-1)	ACOUSTICAL WALL PANEL CARNEGIE FABRICS PATTERN: PULSE 5332 COLOR: 43
(RB-1)	JOHNSONITE 4 1/4" TRADITIONAL COVE BASE COLOR: 38 PEWTER	(CC-1)	PITTCOON INDUSTRIES SERIES 1500 ARCHITECTURAL COLUMN COVER SNAP FORM - SOFT 'J' JOINT STAINLESS STEEL, 18GA #4 BRUSHED FINISH FULL COLUMN COVER
TRANSITION MOULDINGS		MILLWORK & MISC.	
(TM-1)	JOHNSONITE ADAPTOR TRANSITION CTA-XXX-A COLOR: 20 CHARCOAL	(PL-1)	PLASTIC LAMINATE FORMICA PECAN WOODLINE 5883-58 MATE FINISH
(TM-2)	JOHNSONITE SLIM LINE TRANSITION SLT-XXX-L OR SIMILAR COLOR TO MATCH LVP-1	(PL-2)	METAL LAMINATE FORMICA DECO METAL M2178 BRUSHED STAINLESS STEEL
CEILING:		(PLC-1)	HORIZONTAL GRADE PLASTIC LAMINATE FORMICA 5875 NEUTRAL WEFT
(CPNT-1)	SHERWIN WILLIAMS FINISH COLOR: TO MATCH EXISTING CEILING PAINT	(SSC-1)	SOLID SURFACE FORMICA 757 LUNA SAND
(ACT-1)	ARMSTRONG TO MATCH EXISTING ACOUSTICAL TILE AND SUSPENSION GRID SYSTEM	(CSB-1)	COUNTER SUPPORT BRACKET FASTCAP SPEEDBRACE SIZE: COORDINATE W/ DEPTH OF COUNTER, REFER TO MILLWORK DETAILS FINISH: PRIMED, PAINT TO MATCH PNT-1 OR TO MATCH COLOR OF WALL.
(ACT-2)	ARMSTRONG ULTIMA #1912 24"x24" BEVELED TEGULAR 816" SUSPENSION GRID SYSTEM - SUPRATRE XL, COLOR: WHITE	GLASS:	
(ACT-3A)	ARMSTRONG SOUNDSCAPES SHAPES ITEM #5444RE COLOR: REEF	(GLS-1)	GLASPRO GLASPRO-CG 3/8" THICK, 15" W X 54" H TEMPERED COLOR: FOG POLISHED EDGE
(ACT-3B)	ARMSTRONG SOUNDSCAPES SHAPES ITEM #5444TG COLOR: TANGERINE	(GLS-2A)	GLASPRO GLASPRO-CG 3/8" THICK, TEMPERED COLOR: TO MATCH PANTONE 144 SIZE: REFER TO ELEVATIONS POLISHED EDGE
(ACT-3C)	ARMSTRONG SOUNDSCAPES SHAPES ITEM #5444CN COLOR: CRANBERRY	(GLS-2B)	GLASPRO GLASPRO-CG 3/8" THICK, TEMPERED COLOR: TO MATCH PANTONE 123 SIZE: REFER TO ELEVATIONS POLISHED EDGE
(ACT-3D)	ARMSTRONG SOUNDSCAPES SHAPES ITEM #5444KW COLOR: KWIV	(GLS-2C)	GLASPRO GLASPRO-CG 3/8" THICK, TEMPERED COLOR: TO MATCH PANTONE 382 SIZE: REFER TO ELEVATIONS POLISHED EDGE
DOORS AND FRAMES:		(GLS-2D)	GLASPRO GLASPRO-CG 3/8" THICK, TEMPERED COLOR: TO MATCH PANTONE 632 SIZE: REFER TO ELEVATIONS POLISHED EDGE
(DPNT-1)	DOOR PAINT STAIN TO MATCH PL-1	(GLS-2E)	GLASPRO GLASPRO-CG 3/8" THICK, TEMPERED COLOR: TO MATCH PANTONE 293 SIZE: REFER TO ELEVATIONS POLISHED EDGE
(DPNT-2)	DOOR FRAME PAINT SHERWIN WILLIAMS SEMI-GLOSS COLOR: SW 7074 SOFTWARE		

**FINISH NOTES**

1. ALL INTERIOR FINISHES SHALL COMPLY WITH NFPA 101 - 10.2 AND FBC - 803.1 & TABLE 803.9
2. CONTRACTOR SHALL REFER TO THE INTERIORS FINISH LISTING ON THIS SHEET, GENERAL NOTES AND THE SPECIFICATIONS FOR ADDITIONAL PRODUCT INFORMATION.
3. ALL FINISHES ARE TO BE REVIEWED BY OWNER.
4. MINIMUM CRITICAL RADIANT FLUX FOR INTERIOR FLOOR FINISHES AND FLOOR COVERINGS SHALL NOT BE LESS THAN CLASS II AND SHALL COMPLY WITH DOCFF-1 "PILL TEST" (CSPSC 16CFR, PAR 1630) PER FBC 804.4.1

**SIGNAGE LEGEND**

(SIGN-1)	METAL LAMINATE ON ACRYLIC LETTER MFG: GEMINI INCORPORATED OR SIMILAR ACRYLIC COLOR: PLATINUM FINISH: BRUSHED ALUMINUM FONT: HELVELTICA HEIGHT: 6" THICKNESS: 3/8" MOUNTING: FLUSH MOUNT, VHB TAPE	
(SIGN-2)	METAL LAMINATE ON ACRYLIC LETTER MFG: GEMINI INCORPORATED OR SIMILAR ACRYLIC COLOR: PLATINUM FINISH: BRUSHED ALUMINUM FONT: HELVELTICA HEIGHT: 4" THICKNESS: 3/8" MOUNTING: FLUSH MOUNT, VHB TAPE	
(SIGN-3)	RECEPTION LOGO A. GREEN GLASS ACRYLIC PANEL WITH NON-GLARE SCRATCH RESISTANT FINISH AND FROSTED VINYL (V) APPLIED TO SECOND SURFACE. EDGES OF PANEL TO BE CHAMFERED. B. CLEAR ACRYLIC PANEL WITH NON-GLARE SCRATCH RESISTANT FINISH AND DIGITALLY PRINTED VINYL GRAPHIC (V1) APPLIED TO SECOND SURFACE. ATTACHED SECURELY TO SURFACE UNDERNEATH. V1 - 3M™ EMB/VISION™ PRINT WRAP FILM SV460CV3 WHITE C. METAL LAMINATE ON ACRYLIC LETTER ACRYLIC COLOR: PLATINUM FINISH: BRUSHED ALUMINUM FONT: HELVELTICA SIZE: 4" THICKNESS: 1/4" ATTACHED SECURELY TO SURFACE UNDERNEATH. D. 1" DIAMETER STANDOFF BRUSHED STAINLESS STEEL ANCHORED TO WALL STUDS AS NEEDED FOR SECURE AND STABLE MOUNTING	

**SIGNAGE NOTES**

1. REFER TO ELEVATIONS FOR SIZES, LOCATIONS, LAYOUTS OF SIGN TYPES AND GRAPHICS.
2. COORDINATE SIGN TEXT WITH OWNER.
3. CONFIRM SIGN FONT STYLE WITH OWNER.
4. SUBMIT SHOP DRAWINGS SHOWING LAYOUT, PROFILES, AND PRODUCT COMPONENTS, INCLUDING DIMENSIONS, ANCHORAGE, AND ACCESSORIES.
5. SUBMIT SUPPLIER'S STANDARD COLOR CHART FOR SELECTION PURPOSES AND SELECTED COLORS FOR VERIFICATION PURPOSES.
6. INSTALL PRODUCT IN LOCATIONS INDICATED USING MOUNTING METHODS RECOMMENDED BY SIGN MANUFACTURER AND FREE FROM DISTORTION, WARP, OR DEFECT ADVERSELY AFFECTING APPEARANCE.

**CONSULTANT IN CHARGE**

**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE

**PROJECT TEAM**

**PROFESSIONAL IN CHARGE**  
 \_\_\_\_\_  
 GEORGE H. HOHMANN, AIA  
**REGISTRATION NUMBER:** AR-0008448  
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**DRAWN BY**  
 \_\_\_\_\_  
 NAP  
**CHECKED BY**  
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 DM

**HALLANDALE BEACH**  
 CITY OF  
**HALLANDALE BEACH**  
 CITY HALL RENOVATIONS  
 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH, FL 33009  
**PROJECT NAME**

**FIRST & SECOND FLOOR  
INTERIOR FINISH LEGEND**

**SHEET TITLE**



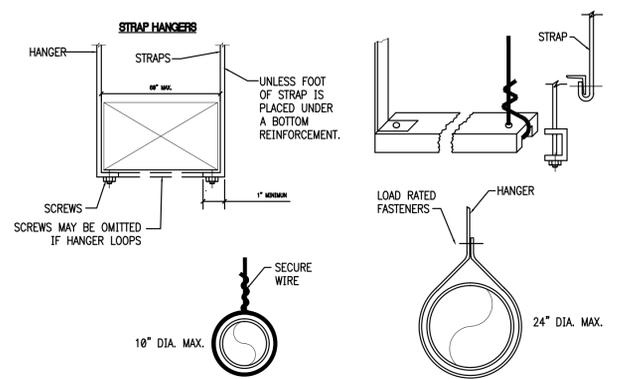
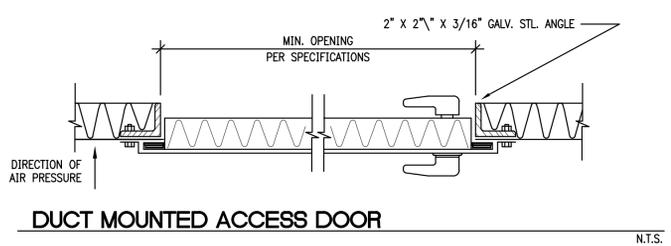
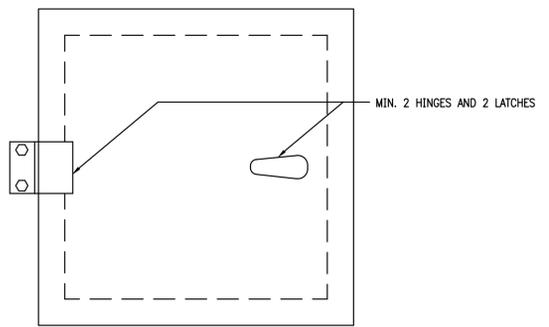
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15-015 G02  
**PROJECT NUMBER**

**I-102**  
**SHEET NUMBER**

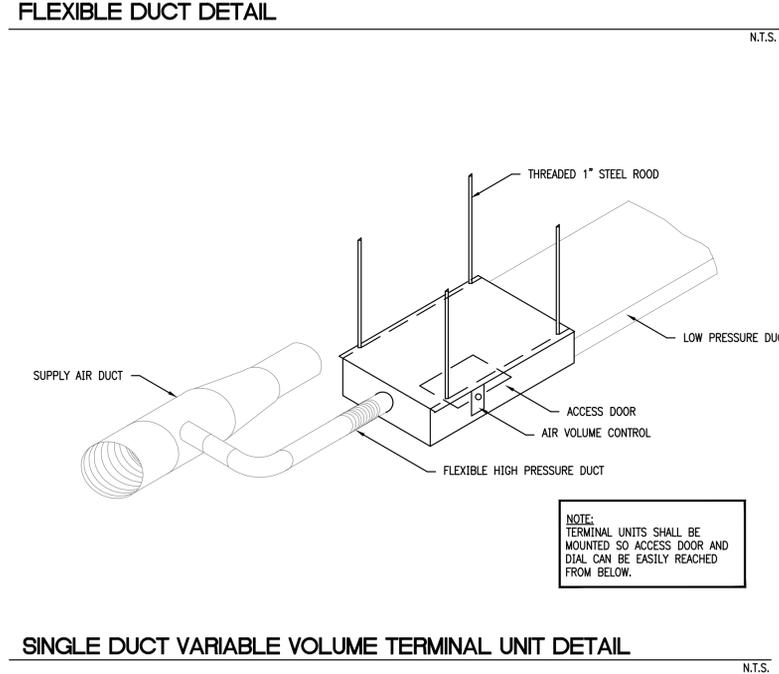
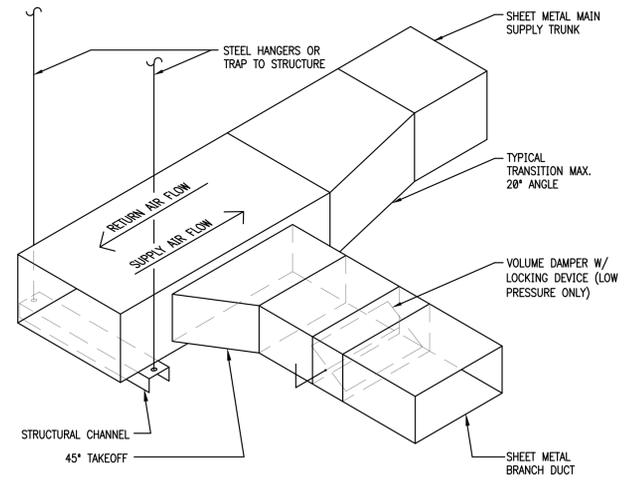
TO THE BEST OF MY KNOWLEDGE AND ABILITY THESE PLANS ARE COMPLETE AND COMPLY WITH THE APPLICABLE BUILDING CODES.  
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S:\Projects\15-015 G02 Hallandale City Hall Renov - Const Documents\05\06 Drawings\16\01 Construction Documents\8 Record Drawings\2016\01.18 - BID SET\15-015 G02 New Floor Plans Final (Comment for Nyaa) (2456).BID SET - 01.18.2016.dwg, I-102 INTERIORS-LEGEND, 1/26/2016 3:11:10 PM



**LOWER HANGER ATTACHMENTS**  
DUCT HANGER DETAIL

N.T.S.



HVAC DESIGN REQUIRES:	YES	NO
DUCT SMOKE DETECTOR		X
FIRE DAMPER(S)		X
SMOKE DAMPER(S)		X
FIRE RATED ENCLOSURE		X
FIRE RATED ROOF/FLOOR CEILING ASSEMBLY		X
FIRE STOPPING		X
SMOKE CONTROL		X

- HVAC DEMOLITION NOTES**
- THE CONTRACTOR SHALL COORDINATE HIS WORK OR ADJUST SAME TO THAT OF OTHER TRADES, IN ORDER THAT CONFLICTS IN SPACE LOCATION DO NOT OCCUR.
  - THE WORK UNDER THIS CONTRACT SHALL BE PERFORMED SIMULTANEOUSLY WITH WORK OF OTHER TRADES, SO AS NOT TO DELAY THE OVERALL PROGRESS OF THE DEMOLITION PROGRAM.
  - THE CONTRACTOR SHALL VISIT THE PREMISES AND COMPARE SAME WITH THE DRAWINGS AND SPECIFICATIONS AND SATISFY HIMSELF OF THE CONDITIONS EXISTING AT THE BUILDING BEFORE DELIVERY OF HIS PROPOSAL. NO ADDITIONAL ALLOWANCE WILL BE MADE TO THE CONTRACTOR DUE TO HIS NEGLIGENCE OR FAILURE TO COMPLY WITH THE SPECIFIED REQUIREMENTS.
  - DEMOLITION OF EXISTING HVAC WORK SHALL BE PERFORMED AND COMPLETED UNDER THIS SECTION OF THE WORK.
  - THE WORK SHALL INCLUDE THE FURNISHING OF ALL MATERIALS, CUTTINGS, EXTENSIONS, CONNECTIONS, REPAIRING, ADAPTING AND OTHER WORK INCIDENTAL THERETO, TOGETHER WITH SUCH TEMPORARY CONNECTIONS AS MAY BE REQUIRED.
  - EXISTING MATERIALS AND EQUIPMENT TO BE REMOVED, SHALL BE SALVAGED OR DISPOSED OF AS DIRECTED BY THE BUILDING ENGINEER IN COORDINATION WITH THE PM.
  - ANY WORK NOT SHOWN ON THE DRAWINGS OR SPECIFICALLY MENTIONED IN THE SPECIFICATIONS BUT CONSIDERED NECESSARY FOR THE COMPLETION OF THE WORK IN PROPER MANNER SHALL BE PROVIDED BY THIS CONTRACTOR WITHOUT ADDITIONAL CHARGE.
  - CONTRACTOR SHALL DO HIS OWN CUTTING AND REMOVAL OF ALL HIS RELATED WORK IN ALL LOCATIONS WHERE REQUIRED, EXCEPT WHERE OTHERWISE SHOWN ON THE DRAWINGS AND/OR AS SPECIFIED.
  - THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ROUGH PATCHING AND REPAIRING. FINISH PATCHING SHALL BE PERFORMED BY GENERAL CONTRACTOR.
  - CONTRACTOR SHALL PROTECT RA OPENINGS TO EXISTING UNITS WITH MERV 8 FILTRATION DURING CONSTRUCTION.

- NOTES:**
- COORDINATE LOCATION OF CEILING DIFFUSERS WITH ARCHITECT'S REFLECTED CEILING PLAN.
  - ALL FLEXIBLE DUCT SHALL HAVE THE SAME SIZE OF THE DIFFUSER COLLAR AND SHALL NOT EXCEED 10'-0" LENGTH.
  - HVAC WORK FOR THIS TENANT SPACE IS FOR DISTRIBUTION OF AIR OF THE EXISTING SYSTEM IN PLACE. NO NEW ENERGY IS BEING USED.

**INTERRUPTION OF SERVICE**

ANY WORK REQUIRED BY THESE DOCUMENTS THAT WILL HAVE AN EFFECT ON EXISTING TENANTS IN THE BUILDING SHALL BE COORDINATED WITH BUILDING MANAGEMENT. THIS WORK INCLUDES BUT IS NOT LIMITED TO INTERRUPTION OF POWER, TELEPHONE, COMMUNICATION SYSTEM, AIR CONDITIONING, WATER ETC.

WORK IN THIS CATEGORY MAY HAVE TO BE PERFORMED OUTSIDE REGULAR WORK HOURS. SCHEDULE TIMES AND DATES WITH THE GENERAL CONTRACTOR AND BUILDING MANAGEMENT.

**AIR DISTRIBUTION SCHEDULE**

SYMBOL	USE	TYPE	ACCESSORIES	MFR & MODEL NO
'A'	SUPPLY	CEILING DIFFUSER	24X24 LAY-IN	TITUS, TMS-AA
'B'	RETURN	CEILING GRILLE	24X24 LAY-IN W/O.B.D.	TITUS, 50F
'C'	SUPPLY	CEILING DIFFUSER	12X12	TITUS, TDC-AA
'D'	RETURN	WALL GRILLE	-	TITUS, 350FL
'E'	SUPPLY	WALL GRILLE	OBD	TITUS, 300FL

**VARIABLE AIR VOLUME BOX SCHEDULE (EXISTING)**

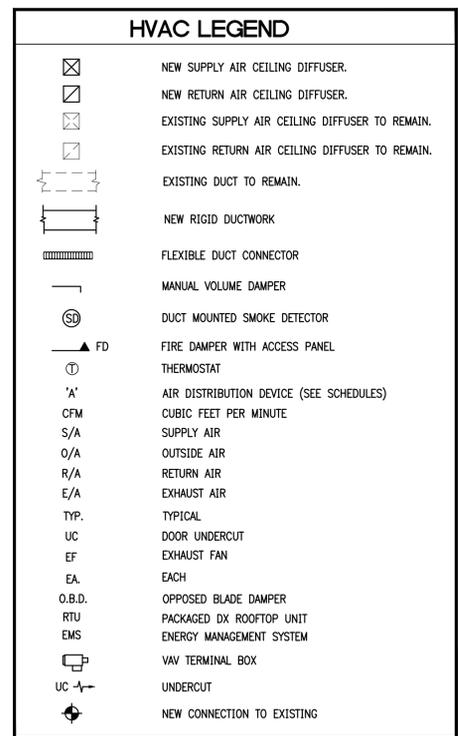
BOX NO.	MAX. AIR COOLING (CFM)	MIN. AIR COOLING (CFM)	MIN. AIR HEATING (CFM)	TYPE	ELECTRICAL HEATING KW/STEPS	ELECTRICAL SERVICE AVAILABLE	SIZE
(E) AT-1.4	700	240	-	AIR TERMINAL	-	277-1-60	8
(E) AT-1.5	1000	350	-	AIR TERMINAL	-	277-1-60	8
(E) AT-1.6	200	50	-	AIR TERMINAL	-	277-1-60	5
(E) AT-1.7	500	150	-	AIR TERMINAL	-	277-1-60	6
(E) AT-1.8	300	100	-	AIR TERMINAL	-	277-1-60	5
(E) FTU-1.11	1400	300	700	FAN POWERED	9.0	400-3-60	10
(E) FTU-1.12	1320	250	660	FAN POWERED	7.5	400-3-60	10
(E) FTU-1.13	1320	250	660	FAN POWERED	8.0	400-3-60	10
(E) FTU-1.17	200	100	100	FAN POWERED	1.5	277-1-60	6
(E) FTU-1.18	430	100	215	FAN POWERED	3.5	277-1-60	6
(E) FTU-2.24	2055	400	1000	FAN POWERED	12.0	400-3-60	12

**VARIABLE AIR VOLUME BOX SCHEDULE (NEW)**

BOX NO.	MAX. AIR COOLING (CFM)	MIN. AIR COOLING (CFM)	MIN. AIR HEATING (CFM)	MAX. ALLOWABLE INTERNAL RESISTANCE(INWG)	ELECTRICAL HEATING KW/STEPS	ELECTRICAL SERVICE AVAILABLE	SIZE
(N) AT-2.3	300	100	-	0.20	-	277-1-60	6

NOTES:  
1. NEW VAV BOXES SHALL BE PRESSURE INDEPENDENT WITH FACTORY INSTALLED DDC CONTROLS.  
2. NEW VAV BOXES SHALL BE PROVIDED WITH 1" FOIL-FACED INSULATION, MERCURY CONTACTORS, LINE FUSE, DISCONNECT SWITCH, AND 277V/24V CONTROL TRANSFORMER.

- HVAC GENERAL NOTES**
- THE NATURE OF THIS CONTRACT INVOLVES REMODELING OF EXISTING FACILITIES AND THE CONTRACTOR, PRIOR TO BID, MUST INSPECT THE EXISTING FACILITIES AND CONDITIONS AT THE JOBSITE AND BECOME ACQUAINTED WITH THE CONDITIONS THAT WILL AFFECT TO WORK TO BE PERFORMED UNDER THIS CONTRACT.
  - THE WORK THAT IS TO BE DONE UNDER THIS HEADING INCLUDES THE FURNISHING OF ALL LABOR, MATERIALS AND EQUIPMENT, PERMITS, FEES, INSPECTIONS, TESTS, INSURANCE, ETC. REQUIRED FOR THE COMPLETION OF THE AIR CONDITIONING SYSTEM SHOWN ON DRAWINGS AND/OR LISTED BELOW.
  - ALL NEW MEDIUM PRESSURE DUCTWORK FROM EXISTING MAINS TO VAV BOXES SHALL BE CONSTRUCTED OF ZINC COATED GALVANIZED SHEET METAL CONSTRUCTED IN ACCORDANCE WITH LATEST A.S.H.R.A.E. GUIDE AND S.M.A.C.N.A. "HVAC METAL DUCT CONSTRUCTION MANUAL" RECOMMENDATIONS.
  - ALL NEW LOW PRESSURE DUCTWORK SHALL BE CONSTRUCTED OF ZINC COATED GALVANIZED SHEET METAL CONSTRUCTED IN ACCORDANCE WITH LATEST A.S.H.R.A.E. GUIDE AND S.M.A.C.N.A. RECOMMENDATIONS.
  - ALL NEW FLEXIBLE DUCTWORK SHALL BE SELF SUPPORTING ALUMINUM CONSTRUCTION AND INSULATED WITH 1-1/2" THICK BLANKET TYPE INSULATION WITH EXTERIOR VAPOR BARRIER, HIGH PRESSURE TYPE.
  - PROVIDE ACCESS PANELS IN ALL CEILINGS FOR ALL DAMPERS, CONTROL DEVICES, ETC. ACCESS PANELS SHALL BE MILCOR FLUSH TYPE.
  - CONTRACTOR SHALL INSPECT ALL EXISTING SUPPLY AND RETURN AIR DUCTS TO BE RE-USED AND SHALL MAKE ANY NECESSARY REPAIRS TO ACHIEVE AN AIR TIGHT DUCT SYSTEM. ANY DUCTWORK DAMAGE CAUSING AIR LEAKS MUST BE SEALED WITH A NON-ASBESTOS SEALER.
  - FLAME AND SMOKE RATING: ALL INSULATION PRODUCTS USED INSIDE THE BUILDINGS SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND A MAXIMUM SMOKE GENERATION OF 50 IN ACCORDANCE WITH TESTS OUTLINED IN N.F.P.A. #255.
  - BALANCE AIR SYSTEM TO DELIVER QUANTITIES AT EACH OUTLET WITHIN 10% USING A.A.B.C. PROCEDURES AND TESTS. SUBMIT AIR BALANCE TEST RESULTS FOR APPROVAL PRIOR TO FINAL INSPECTION AND ACCEPTANCE. TEST AND BALANCE SHALL BE ACCOMPLISHED BY A CERTIFIED INDEPENDENT TEST AND BALANCE COMPANY. THIS WORK SHALL NOT BE PERFORMED BY THE INSTALLING CONTRACTOR.
  - VERIFY ALL VOLTAGES WITH ELECTRICAL CONTRACTOR BEFORE ORDERING ANY EQUIPMENT.
  - CONTRACTOR SHALL VERIFY SPACE CONDITIONS AND DIMENSIONS AND SHALL COORDINATE WORK WITH ALL OTHER TRADES AT JOBSITE PRIOR TO FABRICATION AND INSTALLATION OF DUCTWORK.
  - ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH PROGRESS OF CONSTRUCTION AND IN STRICT COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS.
  - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE 2014 FLORIDA BUILDING CODE AND ALL LOCAL CODES.
  - OFFSET DUCTWORK AS REQUIRED TO ACCOMMODATE STRUCTURAL AND OTHER TRADES.
  - ALL EQUIPMENT, MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR.
  - CONTRACTOR SHALL COORDINATE ALL BUILDING STANDARD REQUIREMENTS PRIOR TO BID.
  - CONTROL: CONTRACTOR TO COORDINATE WITH THE EXISTING TRANE SUMMIT CONTROL. NEW CONTROL WIRE TO BE TIED TO THE MAIN CONTROL EMS.
  - INSULATION:  
A. AIR CONDITIONING SUPPLY AND RETURN DUCTS SHALL BE INSULATED W/ 2" THICK, 1 LB. DENSITY FIBERGLASS BLANKET COVERED WITH FLAMEPROOF REINFORCED ALUMINUM FACING. VAPOR SEAL ALL JOINTS AND SEAMS WITH APPROVED BARRIER MASTIC. INSULATION R VALUE 6.0 MIN.  
B. FLAME AND SMOKE RATING: ALL INSULATION PRODUCTS AND MATERIALS USED FOR THIS PROJECT SHALL HAVE A MAXIMUM FLAME SPREAD AND SMOKE DEVELOPED RATING OF 25/50 RESPECTIVELY IN ACCORDANCE WITH TESTS OUTLINED IN N.F.P.A. 255.



CONSULTANT IN CHARGE

SUBMITTALS:

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT TEAM

PROFESSIONAL IN CHARGE  
HORACIO A. RODRIGUEZ, P.E.

REGISTRATION NUMBER  
56198

DRAWN BY  
JALRW

CHECKED BY  
JALRW



HVAC GENERAL NOTES, LEGEND, SCHEDULES AND DETAILS

SHEET TITLE



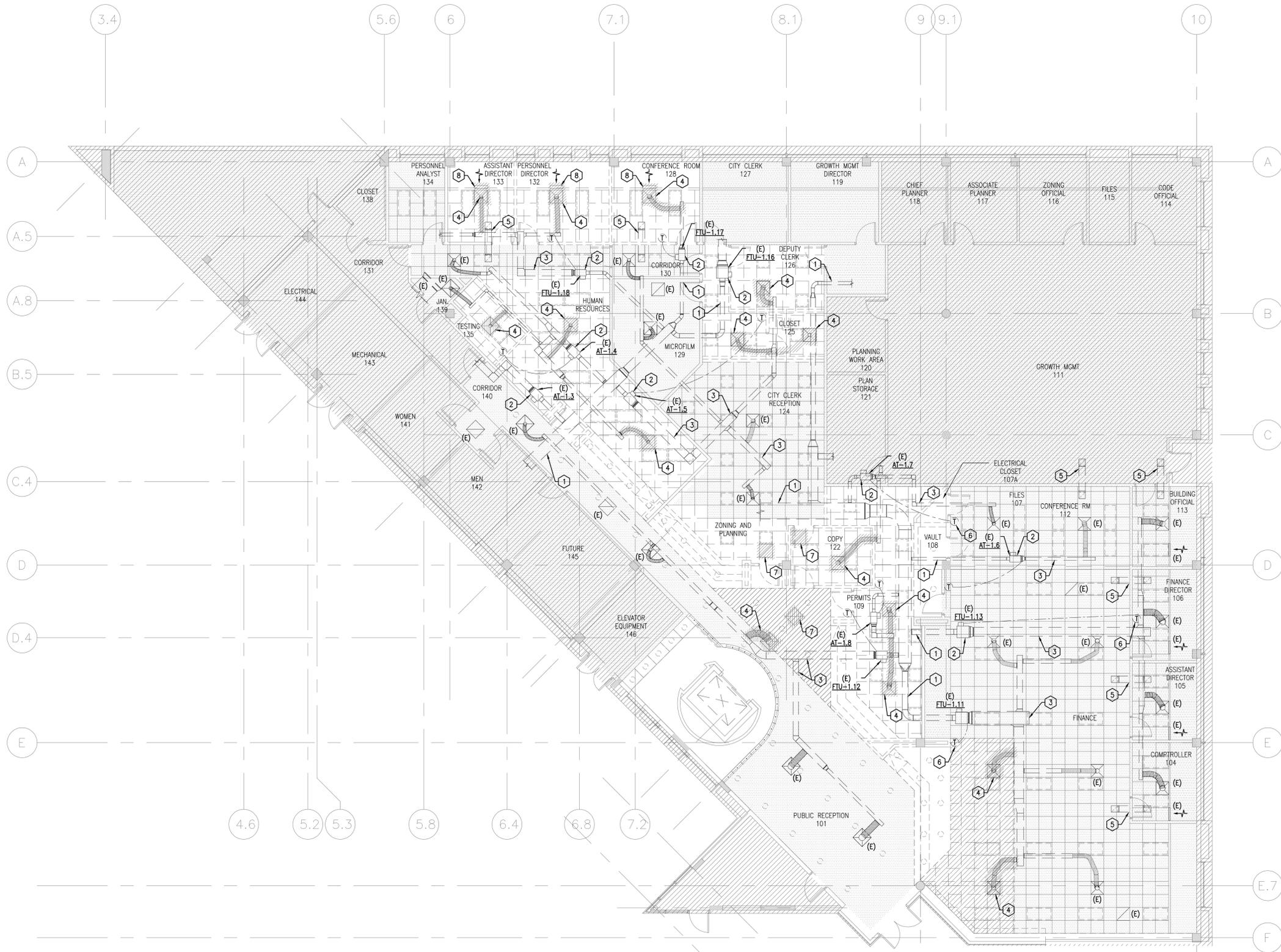
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15-015 G02  
PROJECT NUMBER

M-001  
SHEET NUMBER

TO THE BEST OF MY KNOWLEDGE AND ABILITY THESE PLANS ARE COMPLETE AND COMPLY WITH THE APPLICABLE BUILDING CODES.  
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- KEY NOTES**
- 1 EXISTING MEDIUM PRESSURE SUPPLY AIR DUCT TO REMAIN.
  - 2 EXISTING VARIABLE AIR VOLUMEN BOX TO REMAIN.
  - 3 EXISTING LOW PRESSURE SUPPLY AIR DUCT TO REMAIN.
  - 4 EXISTING CEILING DIFFUSER AND ASSOCIATED BRANCH DUCT TO BE REMOVED. PATCH DUCT OPENING.
  - 5 EXISTING RETURN AIR TRANSFER DUCT ABOVE CEILING TO REMAIN.
  - 6 EXISTING WALL THERMOSTAT TO REMAIN.
  - 7 EXISTING CEILING RETURN AIR GRILLE TO BE REMOVED.
  - 8 EXISTING WALL RETURN AIR GRILLE TO BE REMOVED.
  - 9 EXISTING WALL THERMOSTAT TO BE RELOCATED.



**CONSULTANT IN CHARGE**  
**SUBMITTALS:**

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BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE

**PROJECT TEAM**  
**PROFESSIONAL IN CHARGE**  
 HORACIO A. RODRIGUEZ, P.E.  
**REGISTRATION NUMBER:** 56198

**DRAWN BY:** JALRW  
**CHECKED BY:** JALRW



**CITY OF HALLANDALE BEACH**  
**CITY HALL RENOVATIONS**  
 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH, FL 33009

**PROJECT NAME**  
 HVAC DEMOLITION  
 FIRST FLOOR PLAN

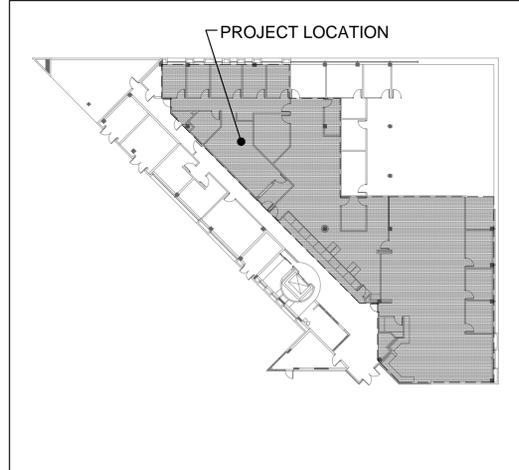
**SHEET TITLE**



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 2937 W. Cypress Creek Rd., Suite 200  
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 Tel: 954.484.4000 • Fax: 954.484.5588  
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15-015 G02  
**PROJECT NUMBER**  
**MD-201**

**SHEET NUMBER**  
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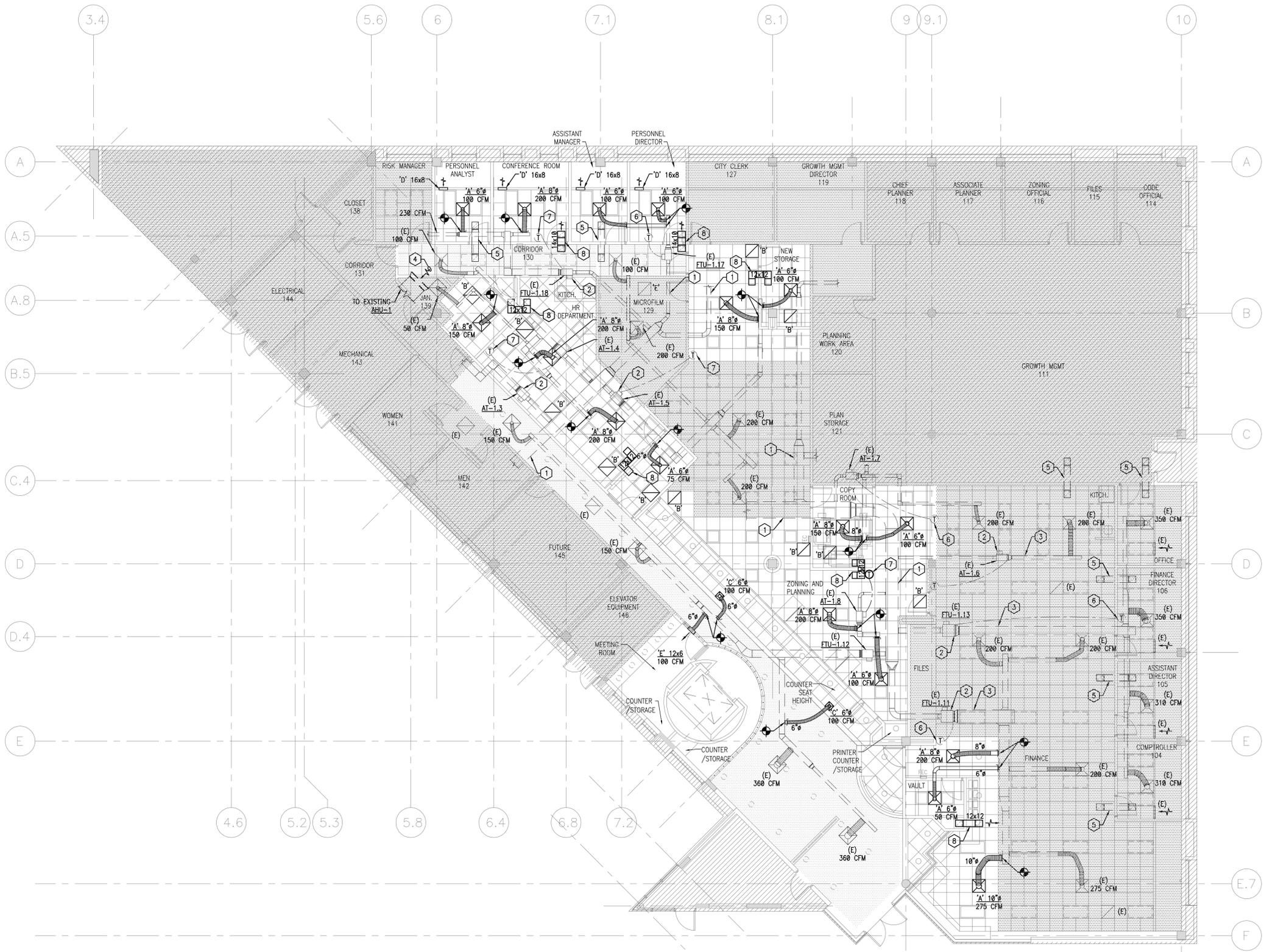


**KEY PLAN**  
 SCALE: NTS

**01 HVAC DEMOLITION FIRST FLOOR PLAN**  
 SCALE: 1/8" = 1' - 0"



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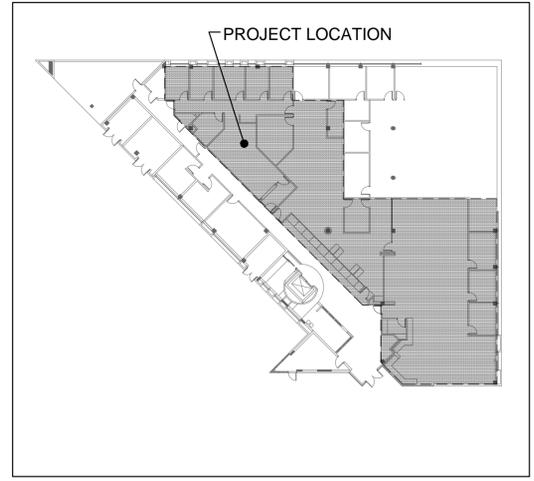


- ### KEY NOTES
- 1 EXISTING MEDIUM PRESSURE SUPPLY AIR DUCT TO REMAIN.
  - 2 EXISTING VARIABLE AIR BOX TO REMAIN.
  - 3 EXISTING LOW PRESSURE SUPPLY AIR DUCT TO REMAIN.
  - 4 EXISTING RETURN AIR DUCT OPENING ABOVE CEILING.
  - 5 EXISTING RETURN AIR TRANSFER DUCT ABOVE CEILING TO REMAIN.
  - 6 EXISTING WALL THERMOSTAT TO REMAIN.
  - 7 RELOCATED WALL THERMOSTAT. COORDINATE LOCATION WITH FURNITURE LAYOUT.
  - 8 NEW TRANSFER AIR DUCT ABOVE CEILING.

### GENERAL NOTE

SPACE ABOVE CEILING IS USED AS A RETURN AIR PLENUM. ALL MATERIALS AND EQUIPMENT TO BE PLENUM RATED.

**01 HVAC FIRST FLOOR PLAN**  
SCALE: 1/8" = 1' - 0"



**KEY PLAN**  
SCALE: NTS



CONSULTANT IN CHARGE: \_\_\_\_\_

SUBMITTALS:

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT TEAM

PROFESSIONAL IN CHARGE: \_\_\_\_\_

HORACIO A. RODRIGUEZ, P.E.

REGISTRATION NUMBER: 56198

DRAWN BY: JALRW

CHECKED BY: JALRW



CITY OF HALLANDALE BEACH

CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY,  
HALLANDALE BEACH, FL 33009

PROJECT NAME

SHEET TITLE



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PROJECT NUMBER  
**M-201**

SHEET NUMBER

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- KEY NOTES**
- 1 EXISTING MEDIUM PRESSURE SUPPLY AIR DUCT TO REMAIN.
  - 2 EXISTING VARIABLE AIR BOX TO REMAIN.
  - 3 EXISTING LOW PRESSURE SUPPLY AIR DUCT TO REMAIN.
  - 4 EXISTING CEILING DIFFUSER AND ASSOCIATED BRANCH DUCT TO BE REMOVED. PATCH DUCT OPENING.
  - 5 EXISTING THERMOSTAT TO REMAIN.



**CONSULTANT IN CHARGE**  
**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE

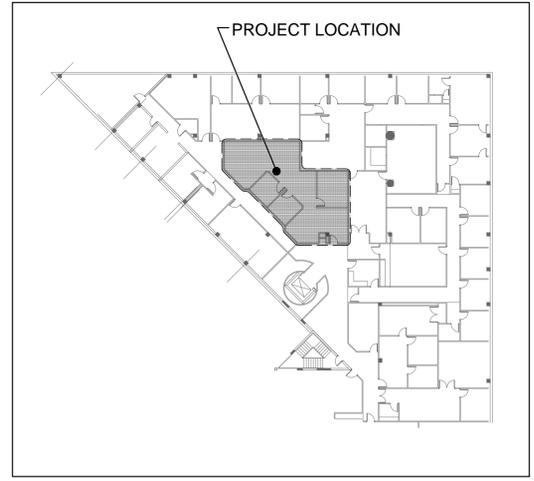
**PROJECT TEAM**  
**PROFESSIONAL IN CHARGE**  
 HORACIO A. RODRIGUEZ, P.E.  
 REGISTRATION NUMBER: 56198

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**CHECKED BY**  
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**CITY OF HALLANDALE BEACH**  
**CITY HALL RENOVATIONS**  
 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH, FL 33009  
**PROJECT NAME**

**HVAC DEMOLITION SECOND FLOOR PLAN**

**SHEET TITLE**



**01 HVAC DEMOLITION SECOND FLOOR PLAN**  
 SCALE: 1/8" = 1' - 0"



**KEY PLAN**  
 SCALE: NTS



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 architecture • engineering  
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**PROJECT NUMBER**  
**MD-202**  
**SHEET NUMBER**

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- KEY NOTES**
- 1 EXISTING MEDIUM PRESSURE SUPPLY AIR DUCT.
  - 2 EXISTING VARIABLE AIR SUPPLY BOX.
  - 3 EXISTING LOW PRESSURE AIR DUCT.
  - 4 EXISTING THERMOSTAT TO REMAIN.
  - 5 NEW TRANSFER AIR DUCT ABOVE CEILING.

**GENERAL NOTE**

SPACE ABOVE CEILING IS USED AS A RETURN AIR PLENUM.  
ALL MATERIALS AND EQUIPMENT TO BE PLENUM RATED.

**01 HVAC SECOND FLOOR PLAN**  
SCALE : 1/8" = 1' - 0"



**CONSULTANT IN CHARGE**  
**SUBMITTALS**

PHASE	DATE
PERMIT SET	11.23.15
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**REVISIONS**

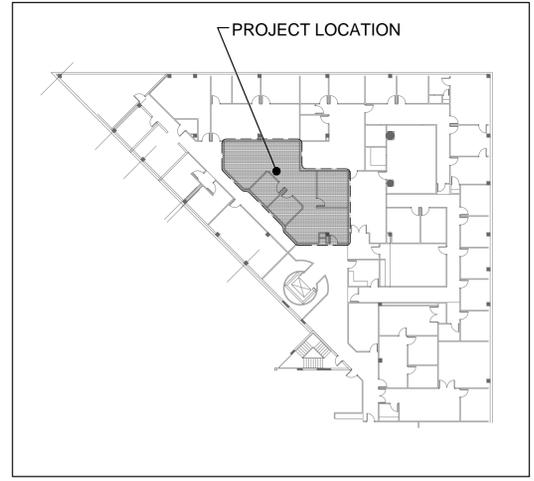
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PROFESSIONAL IN CHARGE  
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REGISTRATION NUMBER 56198

**DRAWN BY** JALRW  
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PROJECT NAME

**HVAC SECOND FLOOR PLAN**  
**SHEET TITLE**



**KEY PLAN**  
SCALE : NTS

**ACAI ASSOCIATES, INC.**  
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construction management  
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### GENERAL ELECTRICAL NOTES

1. THE "GENERAL CONDITIONS OF THE CONTRACT", CURRENT EDITION, PUBLISHED IN STANDARD FORM BY THE AMERICAN INSTITUTE OF ARCHITECTS SHALL BE PART OF THIS CONTRACT.
2. ALL ELECTRICAL WORK PERFORMED UNDER THIS CONTRACT SHALL COMPLY WITH LOCAL CODES AND ORDINANCES (INCLUDING THE FLORIDA BUILDING CODE (F.B.C.)), THE RULES AND REGULATIONS OF THE LOCAL UTILITY COMPANIES, ALL STANDARDS OF CONSTRUCTION ESTABLISHED BY THE LANDLORD, AND THE NATIONAL ELECTRICAL CODE (NEC). REFER TO APPLICABLE CODES TABLE ON THIS SHEET.
3. PRIOR TO BID OR COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VISIT THE JOB SITE AND EVALUATE ALL EXISTING FIELD CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OR ENGINEER OF ANY DISCREPANCIES. THE CONTRACTOR SHALL QUALIFY THE BID ACCORDINGLY.
4. CONCRETE PENETRATIONS ARE NOT ALLOWED FOR ANY REASON WITHOUT THE PRIOR CONSENT OF THE BUILDING MANAGEMENT DIRECTOR.
5. ALL SLAB AND FIRE WALL PENET RATIONS SHALL BE FIRE RATED, AND SHALL CONFORM TO LANDLORD'S APPROVAL AS TO LOCATION AND CONSTRUCTION DETAILS.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ARCHITECT BEFORE ROUGH INSTALLATION OF LIGHTS, RECEPTACLES AND SWITCHES FOR EXACT LOCATION.
7. HORIZONTAL CONDUIT ROUTING SHALL BE PERMITTED ONLY FOR INTER- CONNECTION OF MULTIPLE RECEPTABLES WITHIN THAT WALL. HORIZONTAL CONDUITS SHALL NOT BE PERMITTED TO CONNECT A SINGLE RECEPTACLE ON A WALL TO A RECEPTACLE ON AN ADJOINING WALL.
8. ALL ELECTRICAL EQUIPMENT MUST BEAR U.L. LABEL AND BE COMMERCIAL GRADE, UNLESS OTHERWISE NOTED.
9. ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE APPROVED AS SAFE FOR USE IN THE U.S. WORKPLACE FOR THE INTENDED APPLICATION, AS DETERMINED BY AN ORGANIZATION CURRENTLY RECOGNIZED BY OSHA (OCCUPATIONAL SAFETY AND HEALTH) AS A NRTL (NATIONALLY RECOGNIZED TEST LABORATORY). (E.G. – UL, CSA, ETC.)
10. THE CONTRACTOR SHALL SATISFACTORILY REPAIR/REPLACE ANY EQUIPMENT OR PART OF STRUCTURE DAMAGED AS A RESULT OF WORK PERFORMED. SURFACES AND FINISHED AREAS SHALL BE RESTORED TO MATCH ADJACENT AREAS.
11. METAL-CLAD (MC) CABLE SHALL NOT BE USED IN ANY PORTION OF THE INSTALLATION, EXCEPT WHERE ALLOWED IN THE PROJECT SPECIFICATIONS OR WHERE PRIOR WRITTEN CONSENT IS OBTAINED FROM THE LANDLORD, TENANT, ARCHITECT, AND ENGINEER.
12. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.
13. FOR LINE VOLTAGE WIRING, ALLOW NO MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL) BETWEEN ALL PULL POINTS, E.G., CONDUIT BODIES AND BOXES AS PER NEC 344.26.
14. PROVIDE EXPANSION JOINTS WHERE REQUIRED AS PER NEC 300.7(B).
15. MAINTAIN FIRE RATING IN ALL PENETRATIONS THRU DEMISING AND FIRE RATED WALLS. THIS INCLUDES MAINTAINING A MINIMUM 2" SEPARATION BETWEEN ELECTRICAL DEVICES MOUNTED ON OPPOSITE SIDES OF ALL FIRE RATED PARTITIONS AND WALLS.
16. EACH MULTIWIRED BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUND CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES AS PER NEC 210.4(B).
17. TELECOMMUNICATIONS CABLES TO BE RUN BY OTHERS.
18. ELECTRICIANS SHALL NOT INSTALL MORE THAN SIX (6) RECEPTABLES PER CIRCUIT.
19. CONTRACTOR WILL BE HELD RESPONSIBLE FOR INTERRUPTION OF ELECTRICAL SERVICE TO OTHER TENANTS IN THE BUILDING.
20. CONTRACTOR SHALL NOT RUN PIPES, WIRES, CONDUITS OR OTHER MATERIAL OUTSIDE THE TENANT AREA UNLESS OTHERWISE NOTED.
21. CIRCUIT NUMBERS SHOWN ARE FOR IDENTIFICATION PURPOSES ONLY AND MIGHT NOT CORRESPOND TO THE CIRCUIT DIRECTORY OF THE EXISTING PANELS. CONTRACTOR SHALL NOTIFY CONSULTANT OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. WHEN THE PROJECT IS COMPLETE, THE CONTRACTOR SHALL RE-LABEL CIRCUITS PER "AS BUILT", AND PROVIDE NEW TYPE WRITTEN DIRECTORY.
22. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT AND MOTOR LOADS BEFORE INSTALLING WIRING.
23. PROVIDE EQUIPMENT GROUND CONDUCTOR IN ALL RACEWAYS.
24. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MINOR ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION.
25. THE CONTRACTOR SHALL TAKE PERMITS, PROCURE CERTIFICATES AND PAY ALL FEES CONNECTED THEREWITH.
26. THE CONTRACTOR IS REFERRED TO THE ARCHITECTURAL, STRUCTURAL AND MECHANICAL PLANS AND SPECIFICATIONS. SUCH PLANS AND SPECIFICATIONS ARE TO BE CONSIDERED PART OF THE ELECTRICAL CONTRACT DOCUMENTS.
27. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS AND ARRANGEMENTS ONLY.
28. ALL MATERIALS SHALL BE NEW, OF TYPES AND MAKES CALLED FOR, OR APPROVED EQUAL UNLESS OTHERWISE NOTED ON PLANS.
29. CONTRACTOR SHALL SUBMIT REQUEST FOR SUBSTITUTIONS IN WRITING TO THE ENGINEER.
30. THE CONTRACTOR SHALL TOUCH UP OR REFINISH THE FACTORY FINISH OF EQUIPMENT MARRED DURING SHIPMENT OR INSTALLATION.
31. THE CONTRACTOR SHALL BE A LICENSED MASTER ELECTRICIAN.
32. THE ENTIRE INSTALLATION SHALL BE PERFORMED IN A FIRST-CLASS WORKMANLIKE MANNER.
33. THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHTING AS REQUIRED FOR ALL TRADES.
34. ELECTRICAL WORK SHALL NOT INTERFERE WITH CLEARANCES REQUIRED FOR GENERAL AND MECHANICAL CONSTRUCTION. SHOULD ELECTRICAL WORK BE INSTALLED WHICH INTERFERES WITH THE WORK OF THE OTHER CONTRACTORS, SUCH WORK SHALL BE CHANGED AT ELECTRICAL CONTRACTOR'S EXPENSE.
35. GROUNDING SHALL COMPLY WITH THE NEC AND REQUIREMENTS OF THE POWER COMPANY AND INSPECTION AUTHORITY.
36. AT THE COMPLETION OF THE WORK, THIS CONTRACTOR SHALL REMOVE ALL RUBBISH CAUSED BY HIS WORK AND SHALL THOROUGHLY CLEAN ALL ELECTRICAL EQUIPMENT.
37. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY CONTROL WIRING FOR ALL EQUIPMENT.
38. ALL WORK SHALL BE GUARANTEED FREE FROM DEFECTS FOR A PERIOD OF AT LEAST ONE YEAR FROM DATE OF FINAL ACCEPTANCE OR AS INDICATED IN THE SPECIFICATIONS.
39. WIRING DEVICES SHALL BE SPECIFICATION GRADE, COLOR SELECTED BY THE ARCHITECT. MINIMUM SIZE OF OUTLET BOXES SHALL BE 4" TRADE.
40. ALL LIGHTING SWITCHES AND/OR DIMMERS SHALL BE GANGED TOGETHER WHERE SHOWN TOGETHER.
41. ALL CONDUCTORS SHALL BE COPPER, 600V. TYPE THHN OR THWN; #12 MINIMUM EXCEPT CONTROL WIRING.
42. ALL LINE VOLTAGE CIRCUITS, AND LOW VOLTAGE CIRCUITS FOR SECURITY AND ACCESS CONTROL, SHALL BE RUN IN CONDUIT. PLENUM RATED LOW VOLTAGE CIRCUITS FOR FIRE ALARM AND COMMUNICATIONS MAY BE RUN IN FREE AIR.
43. USE RIGID GALVANIZED STEEL CONDUIT WHERE EXPOSED IN ANY LOCATION SUBJECT TO MECHANICAL DAMAGE. EMT MAY BE USED ELSEWHERE AS REQUIRED BY THE NEC. ALL METALLIC CONDUITS SHALL BE STEEL. NO ALUMINUM CONDUIT WILL BE PERMITTED. WIREWAYS SHALL BE GALVANIZED OR FACTORY PAINTED, AND SHALL BE U.L. APPROVED.
44. PROVIDE LABELS FOR ALL NEW ELECTRICAL PANELS, CONTROLLERS, DISCONNECT SWITCHES, AND TIME SWITCHES.
45. THE CONTRACTOR SHALL VERIFY THAT BRANCH CIRCUITS ARE BALANCED BETWEEN THE PHASES OF THE SYSTEM, AND ADJUST IF NECESSARY AS DIRECTED BY THE CONSULTANT.
46. PROVIDE RACEWAY SYSTEMS AND PULL WIRES FOR TELECOMMUNICATIONS SYSTEM AS INDICATED ON PLANS.
47. THE ELECTRICAL INSTALLATION SHALL MEET THE APPROVAL OF THE OWNER'S REPRESENTATIVES BEFORE ACCEPTANCE.
48. GUTTERS, WIREWAYS, PULL BOXES, ETC., SHALL BE SIZED PER THE NATIONAL ELECTRICAL CODE.
49. WHERE TELEPHONE, DATA, AND ELECTRICAL OUTLETS APPEAR BACK TO BACK, OUTLET BOXES ARE TO BE STAGGERED TO REDUCE NOISE TRANSMISSION THROUGH PARTITION.
50. DATA AND TELEPHONE FLOOR OUTLETS MUST HAVE CONDUIT WHEN LOCATED IN PLENUM BELOW. CONTRACTOR TO VERIFY THAT POKE-THRU AND CONDUIT WILL ACCOMMODATE EACH OR ALL SITUATION(S) PRIOR TO INSTALLATION.
51. CIRCUITING AS PRESENTED ON DRAWINGS ARE BASED ON THE "AS-BUILT" INFORMATION AVAILABLE AND "ON-SITE" VERIFICATION OF PANELBOARDS DIRECTORY AS PERFORMED BY THE ENGINEER. THE CONTRACTOR MUST CONFIRM THE INVOLVED CIRCUITS IDENTIFICATION AND LOCATION BEFORE PROCEEDING TO DECOMMISSION, DISCONNECT THE EQUIPMENT.
52. ALL ELECTRICAL EQUIPMENT, LUMINARIES, CABLES, CONDUCTORS, AND DEVICES SHALL BE VERIFIED AND APPROVED FOR THE ENVIRONMENT. THEY ARE INSTALLED AS PER NEC. 90.7/110.3(A)(B)
53. COORDINATION WITH OTHER TRADES:
  - 53.1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGH REVIEW OF ALL PLANS AFFECTING THIS PROJECT AND SHALL COORDINATE WITH OTHER TRADES BEFORE THE COMMENCEMENT OF WORK SO THAT THE ROUTING OF SYSTEMS AND CLEARANCES SHALL BE ADEQUATE. ANY CONFLICTS OR DEVIATIONS SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER IMMEDIATELY BEFORE PROCEEDING.
  - 53.2. SPECIAL ATTENTION SHALL BE GIVEN BUT NOT BE LIMITED TO THE FOLLOWING SYSTEMS:
    - 53.2.1. CONDUIT, RACEWAY, TELEPHONE.
    - 53.2.2. AIR CONDITIONING DUCTWORK, PIPING, CONDENSATE AND WASTE.
    - 53.2.3. WASTE AND VENT LINES, HOT AND COLD WATER LINES AND RAINWATER LEADER.

52. ALL ELECTRICAL EQUIPMENT, LUMINARIES, CABLES, CONDUCTORS, AND DEVICES SHALL BE VERIFIED AND APPROVED FOR THE ENVIRONMENT. THEY ARE INSTALLED AS PER NEC. 90.7/110.3(A)(B)

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- 53.2.3. WASTE AND VENT LINES, HOT AND COLD WATER LINES AND RAINWATER LEADER.

54. DRAWINGS:
 

- 54.1. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE ARCHITECTURAL, STRUCTURAL, AND MECHANICAL DRAWINGS. IN ADDITION TO THE ELECTRICAL AND OTHER RELATED TRADES. THIS COORDINATION SHALL BE DONE PRIOR TO SUBMITTING THE BID.
- 54.2. THE ARCHITECTURAL AND STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THE ELECTRICAL DRAWINGS WITH REFERENCE TO BUILDING CONSTRUCTION AND DIMENSIONS. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC BUT ARE TO BE FOLLOWED AS CLOSELY AS THE ACTUAL CONSTRUCTION OF THE BUILDING AND THE WORK OF OTHER TRADES WILL PERMIT.
- 54.3. THE DRAWINGS AND RISERS INDICATE IN DIAGRAMMATIC FORM THE ARRANGEMENTS DESIRED FOR THE EQUIPMENT FIXTURES, PRINCIPAL APPARATUS, ETC., AND SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. HOWEVER, THE CONTRACTOR SHALL INCLUDE ANY ADDITIONAL CONDUIT, BOXES AND WIRING DUE TO THE STRUCTURAL OR OTHER OBSTRUCTION AT NO EXTRA COST.

55. PER F.B.C. ENERGY CONSERVATION, CHAPTER 5, SECTION 505.7.3.1, FEEDER AND CUSTOMER-OWNED SERVICE CONDUCTORS SHALL BE INSTALLED SIZED FOR A MAXIMUM VOLTAGE DROP OF 2 PERCENT AT DESIGN LOAD.

56. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE INSTALLED SIZED IN ACCORDANCE WITH N.E.C. 210.19 AND FOR A MAXIMUM VOLTAGE DROP OF 3 PERCENT AT DESIGN LOAD PER F.B.C. ENERGY CONSERVATION, CHAPTER 5, SECTION 505.7.3.2.

57. PER F.B.C. ENERGY CONSERVATION, CHAPTER 5, SECTION 505.7.4.1, WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR TO THE BUILDING OWNER, INCLUDING:

- 57.1. A SINGLE-LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM AND FLOOR PLANS INDICATING LOCATION AND AREA SERVED FOR ALL DISTRIBUTION.
58. PER F.B.C. ENERGY CONSERVATION, CHAPTER 5, SECTION 505.7.4.2, THE CONTRACTOR SHALL PROVIDE AN OPERATING MANUAL AND MAINTENANCE MANUAL TO THE BUILDING OWNER. THE MANUALS SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:
  - 58.1. SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
  - 58.2. OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
  - 58.3. NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY.

### APPLICABLE CODES AND STANDARDS

1. FLORIDA BUILDING CODE, 2014 EDITION.
2. NFPA 70 – NATIONAL ELECTRICAL CODE, 2011 EDITION.
3. NFPA 72 – NATIONAL FIRE ALARM CODE, 2010 EDITION.
4. NFPA 101 – LIFE SAFETY CODE, 2010 EDITION.
5. FLORIDA FIRE PREVENTION CODE, 2012 EDITION.
6. OWNER'S ESTABLISHED DESIGN GUIDELINES AND STANDARDS OF CONSTRUCTION.

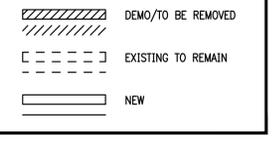
### INTERRUPTION OF SERVICE NOTES

ANY WORK REQUIRED BY THESE DOCUMENTS THAT WILL HAVE AN EFFECT ON OTHER AREAS IN THE BUILDING SHALL BE COORDINATED WITH OWNER. THIS WORK INCLUDES BUT IS NOT LIMITED TO INTERRUPTION OF POWER, TELEPHONE, COMMUNICATION SYSTEM, AIR CONDITIONING, WATER, ETC.

WORK IN THIS CATEGORY MAY HAVE TO BE PERFORMED OUTSIDE REGULAR WORK HOURS.

SCHEDULE TIMES AND DATES WITH OWNER AND ANY AFFECTED TENANTS. ALL INTERRUPTION OF SERVICES MUST BE PREVIOUSLY APPROVED IN WRITING BY OWNER, TENANTS, ETC.

### EXISTING/DEMO/NEW WORK LEGEND



### SCOPE OF WORK

1. THE OFFICES ON THE FIRST AND SECOND FLOOR OF THIS BUILDING HAS BEEN MODIFIED. THE ELECTRICAL SYSTEM SHALL BE AFFECTED BY THE SCOPE OF WORK. NEW AND/OR RELOCATED WIRING DEVICES (WHICH MAY INCLUDE BUT IS NOT LIMITED TO RECEPTABLES, SWITCHES, DATA OUTLETS, FIRE ALARM DEVICES) SHALL BE INCLUDED AS INDICATED ON THESE PLANS.
2. REFER TO THE ARCHITECTURAL PLANS FOR THE ENTIRE PROJECT SCOPE OF WORK. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AS NECESSARY TO AVOID CONFLICTS.

### ELECTRICAL LEGEND

	2'x4' FIXTURE – RECESSED		JUNCTION BOX – CEILING/WALL/FLOOR – AS REQUIRED OR NOTED
	2'x4' FIXTURE – RECESSED – ON EMERGENCY LIGHTING CIRCUIT		TRANSFORMER – DRY TYPE – SUSPENDED
	1'X4' FIXTURE – SURFACE/PENDANT/RECESSED		TRANSFORMER – DRY TYPE – FLOOR MOUNTED
	1'X4' FIXTURE – SURFACE/PENDANT/RECESSED ON EMERGENCY LIGHTING CIRCUIT		ELECTRIC PANELS – SEE PANEL SCHEDULES FOR MOUNTING & VOLTAGE
	STRIP FIXTURE		SAFETY SWITCH – (3)-POLES, (30)-FRAME, (15)-FUSE
	STRIP FIXTURE – ON EMERGENCY LIGHTING CIRCUIT		DATA / COMMUNICATION OUTLET, 18" A.F.F. OR AS NOTED. 1" CONDUIT STUB UP ABOVE CEILING
	DOWNLIGHT FIXTURE – RECESSED ROUND/RECESSED SQUARE		DATA / COMMUNICATION OUTLET IN FLUSH POKE-THRU FLOOR BOX 1" CONDUIT STUB UP ABOVE CEILING
	DOWNLIGHT FIXTURE – RECESSED ROUND/RECESSED SQUARE ON EMERGENCY LIGHTING CIRCUIT		DATA / COMMUNICATION OUTLET – FLUSH FLOOR POKE-THRU / FLUSH WALL-MOUNTED. 1 1/2" CONDUIT STUB UP ABOVE CEILING.
	LIGHT FIXTURE – SURFACE/WALL		CONDUIT SLEEVE. (SIZE AS NOTED)
	LIGHT FIXTURE – PENDANT		CABLE TRAY CONCEALED ABOVE CEILING (OR AS NOTED)
	EXIT SIGN FIXTURE – CEILING/WALL – DIRECTION ARROW AS INDICATED		TELEVISION SYSTEM OUTLET
	EMERGENCY LIGHT FIXTURE – SURFACE – BATTERY BACK UP		PULL STATION
	TOGGLE SWITCH – SINGLE-POLE (1PST), 20A, 120/277V, 42" AFF		PHOTOELECTRIC SMOKE DETECTOR
	TOGGLE SWITCH – 3-WAY, 20A, 120/277V, 42" AFF		AUDIO/VISUAL NOTIFICATION DEVICE
	DIMMER SWITCH – RATING AS NOTED, 42" AFF		VISUAL NOTIFICATION DEVICE
	VACANCY SENSOR SWITCH, 42" AFF		OUTPUT MODULE/ CONTROL MODULE
	OCCUPANCY SENSOR SWITCH, 42" AFF		MONITOR MODULE
	CEILING-MOUNT OCCUPANCY SENSOR (MOTION DETECTOR)		ACCESS CONTROL CARD READER OUTLET BOX, 48" AFF, 3/4" CONN. TO ACCESS CONTROL DOOR LOCK OUTLET.
	RECEPTACLE – SINGLE – 20A, 125V, 3-WIRE (5-20R) 18" A.F.F. OR AS NOTED.	<b>ABBREVIATIONS</b>	
	RECEPTACLE – DUPLEX – 20A, 125V, 3-WIRE (5-20R) 18" A.F.F. OR AS NOTED.	A.F.F.	ABOVE FINISHED FLOOR
	RECEPTACLE – DUPLEX – 20A, 125V, 3-WIRE (5-20R) MOUNTED ABOVE STD. HEIGHT OR ABOVE COUNTER.	A.F.G.	ABOVE FINISHED GROUND
	RECEPTACLE – GFCI DUPLEX – 20A, 125V, 3-WIRE (5-20R) 18" A.F.F. OR AS NOTED.	BD.	BOARD
	RECEPTACLE – GFCI DUPLEX – 20A, 125V, 3-WIRE (5-20R) MOUNTED ABOVE STD. HEIGHT OR ABOVE COUNTER.	BG.	BOARD
	QUAD RECEPTACLE – 20A, 125V, 3-WIRE (5-20R) 18" A.F.F. OR AS NOTED.	C.	CONDUIT
	RECEPTACLE – DUPLEX IN FLUSH POKE-THRU FLOOR BOX 20A, 125V, 3-WIRE (5-20R)	CAB.	CABINET
	SPECIAL PURPOSE OUTLET AS NOTED – OR REQUIRED	C.B.	CIRCUIT BREAKER
	OUTLET FOR SYSTEMS FURNITURE POWER IN – FLUSH FLOOR POKE-THRU / FLUSH WALL-MOUNTED.	CKT.	CIRCUIT
	RECEPTACLE – DUPLEX – SURFACE MONUMENT (5-20R)	EC.	EMPTY CONDUIT
1. NOT ALL SYMBOLS MAY BE USED		E.W.C.	ELECTRIC WATER COOLER
		E.W.L.	EMERGENCY WARNING LIGHT
		F.A.	FIRE ALARM
		G.F.I.	GROUND FAULT INTERRUPTER
		GND.	GROUND
		HID.	HIGH INTENSITY DISCHARGE
		HPS.	HIGH PRESSURE SODIUM
		L.T.	LIGHT
		LTG.	LIGHTING
		MCB.	MAIN CIRCUIT BREAKER
		MLO.	MAIN LUGS ONLY
		MH.	METAL HALIDE
		MT.	MOUNT
		MTG. HT.	MOUNTING HEIGHT
		N.E.C.	NATIONAL ELECTRICAL CODE
		N.I.C.	NOT IN CONTRACT
		P.A.	PUBLIC ADDRESS
		PNL.	PANEL
		RECEPT.	RECEPTACLE
		S.D.B.C.	SOFT DRAWN BARE COPPER
		SW.	SWITCH
		SPD.	SOURCE PROTECTION DEVICE
		U.G.	UNDER GROUND
		U.O.N.	UNLESS OTHERWISE NOTED
		V.P.	VANDAL PROOF COVER
		W.P.	WEATHER PROOF (NEMA 3R ENCLOSURE)
		X.P.	EXPLOSION PROOF (GLASS TO MEET N.E.C.)

### ELECTRICAL DEMOLITION NOTES

1. THIS PROJECT INVOLVES THE REMODELING OF EXISTING FACILITIES. THE DESIGN IS BASED ON FIELD OBSERVATIONS AND "AS BUILT" DRAWINGS PROVIDED BY THE OWNER. THE OWNER'S AS-BUILTS MAY NOT REFLECT ALL EXISTING CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD VISITS PRIOR TO BID TO BECOME FAMILIAR WITH THE SCOPE OF WORK MAKING REASONABLE PROVISION TO ACCOMMODATE DEVIATIONS THAT CAN NOT BE VERIFIED IN FIELD. EXTRAS SHALL NOT BE ALLOWED FOR THE CONTRACTOR'S FAILURE TO COMPLY.
2. CONTRACTOR SHALL PRE-TEST EXISTING SYSTEMS WITHIN AND ADJACENT TO THE DEMOLITION AREA BEFORE ANY WORK IS DONE. MULTIPLE SYSTEMS RUN THROUGH AND FEED AREAS ADJACENT TO AREAS OF DEMOLITION. THESE SYSTEMS SHALL REMAIN OPERATIONAL DURING AND AFTER DEMOLITION AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL IDENTIFY ALL CONDITIONS AND RE-ESTABLISH WIRING CONNECTIONS PRIOR TO PROCEEDING WITH ANY DEMOLITION.
3. ELECTRICAL OR LOW VOLTAGE SYSTEM DEVICES IN OPERATIONAL AREAS ADJACENT TO THE DEMOLITION AREAS, BEING FED FROM OR THROUGH AREAS BEING DEMOLISHED, SHALL BE VERIFIED TO BE OPERABLE BY THE CONTRACTOR PRIOR TO BEGINNING ANY WORK. IF DEVICES ARE FOUND TO BE NON-OPERATIONAL, ARE DAMAGED, OR ARE DEFICIENT IN ANY WAY, THE CONTRACTOR SHALL NOTIFY THE CONSULTANT IN WRITING SO DEFICIENCIES CAN BE EITHER CORRECTED BY OTHERS OR RECORDED. THE CONTRACTOR, AS PART OF THE CONTRACT, SHALL CORRECT NON-OPERATIONAL, DAMAGED, OR DEFICIENT ITEMS IF HE FAILS TO ADVISE OF ANY ISSUES PRIOR TO COMMENCING WORK.
4. EXISTING EQUIPMENT AND DEVICES ARE SHOWN ON PLANS AT APPROXIMATE LOCATIONS. IT IS MANDATORY THAT THE PROSPECTIVE CONTRACTOR INSPECT THE EXISTING CONDITIONS AT THE JOB SITE PRIOR TO SUBMITTING HIS BID. ANY DISCREPANCIES FOUND BETWEEN PLANS AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT CONSULTANT IMMEDIATELY. ANY ADDITIONAL WORK ORIGINATED BY SUCH DISCREPANCIES, IF ANY, SHALL BE INCLUDED IN THE BASE BID.
5. SALVAGED MATERIALS AND EQUIPMENT SHALL BE DELIVERED TO THE OWNER AT HIS PROPERTY AND STORED WITHIN THE BUILDING WHERE DIRECTED. ANY REMOVED MATERIALS AND EQUIPMENT WHICH THE OWNER DOES NOT WISH TO KEEP SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.
6. ALL CONDUIT, INCLUDING MODULAR WIRING, WHICH WILL HAVE NO USE UPON COMPLETION OF THE WORK SHALL BE REMOVED.
7. CONTRACTOR SHALL DETERMINE THE METHODS OF SUPPORTING, REROUTING, RELOCATING AND RECONNECTING EXISTING CONDUIT AND THE AMOUNT OF WORK THAT MAY BE REQUIRED DUE TO THE PHYSICAL CONDITION OF THE CONDUIT. THE CONTRACTOR SHALL MAKE REASONABLE PROVISIONS TO PERFORM SUCH WORK AS PART OF THE BASE CONTRACT. EXISTING CONDUIT SHALL NOT BE EXPOSED THROUGH EXISTING FINISHED SPACES.
8. EXISTING ELECTRICAL POWER, LIGHTING, LIFE SAFETY AND COMMUNICATIONS SYSTEMS SHALL NOT BE INTERRUPTED. THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR REQUIRED WHENEVER TEMPORARY CONNECTIONS ARE NECESSARY TO MAINTAIN CONTINUITY OF SERVICE. INTERRUPTION OF EXISTING SERVICES, INSTALLATION OF TEMPORARY FACILITIES, AND THE WORK REQUIRED TO MAKE FINAL CONNECTIONS TO NEW WORK SHALL BE DONE ONLY AT SUCH TIMES AS PERMITTED AND SCHEDULED BY THE OWNER, WITHOUT ADDITIONAL COST. THE CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE THE SERVICE INTERRUPTIONS WITH THE CLIENT AND CONSTRUCTION MANAGER.
9. WHERE ELECTRIC FIXTURES, SWITCHES, OUTLETS, RECEPTABLES, BOXES, CABINETS, DEVICES, ETC., ARE TO BE REMOVED, AND THEIR REMOVAL AFFECTS THE OPERATION OF ANY EQUIPMENT, FIXTURE, RECEPTABLES, ETC., THAT IS TO REMAIN (INCLUDING ITEMS THAT ARE NOT SHOWN IN THE DRAWINGS BUT ARE EXISTING IN PLACE), THE CONTRACTOR SHALL RE-CIRCUIT THEM (INCLUDING BOXES, CONDUITS, WIRES, ETC.) TO RESTORE THEM TO THE ORIGINAL OPERATING CONDITION, AS PART OF THE BASE CONTRACT.
10. CIRCUIT NUMBERS WHEN SHOWN CONNECTED TO EXISTING PANELS ARE BASED ON PREVIOUS ELECTRICAL DESIGN AND ARE FOR REFERENCE PURPOSE ONLY. CONTRACTOR SHALL FIELD VERIFY AVAILABILITY OF SUCH CIRCUITS AND CONNECT ACCORDINGLY.
11. CONTRACTOR SHALL LEAVE ALL LIGHTS, RECEPTABLES, MECHANICAL/ELECTRICAL EQUIPMENT AND SPECIAL SYSTEMS OPERATIONAL UPON COMPLETION OF THE WORK.
12. ALL WORK SHALL BE DONE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL CODES AND ORDINANCES.
13. ALL BUILDING CONSTRUCTION AFFECTED BY THIS DEMOLITION SHALL BE REPAIRED AND FINISHED AS DIRECTED BY ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
14. THE CONTRACTOR SHALL SEAL AND FIRE-SAFE IN ACCORDANCE WITH UL LISTED ASSEMBLY ALL PENETRATIONS CREATED BY DEMOLITION
15. ALL EQUIPMENT AND/OR DEVICES IN USABLE CONDITION TO BE REMOVED UNDER THIS CONTRACT SHALL BE PROTECTED, STORED AND DELIVERED BY THE CONTRACTOR TO THE LOCATION DESIGNATED BY THE CLIENT.
16. REMOVED OR RELOCATED ELECTRICAL ITEMS THAT ARE SOLIDLY CONNECTED TO A POWER SOURCE (I.E. NOT FED THROUGH A CORD AND PLUG FROM A RECEPTACLE) SHALL BE DISCONNECTED, THE WIRE REMOVED BACK TO THE PANEL AND THE CONDUIT REMOVED WHERE RUN EXPOSED. CONDUIT IN CONCRETE FLOORS SHALL BE CUT OFF FLUSH WITH THE FLOOR LEAVING A COMPLETELY UNRESTRICTED FLOOR LEVEL AND SHALL BE FINISHED OFF AS DIRECTED BY THE ARCHITECTURAL DRAWINGS OR SPECIFICATIONS.
17. PRIOR TO BID THE CONTRACTOR SHALL SUBMIT TO THE PROJECT CONSULTANT ANY QUESTIONS HE MAY HAVE FOR CLARIFICATIONS OR ANY DISCREPANCY OR DIFFERENCE IN CONTRACT DOCUMENTS FOUND IN FIELD VISIT CALLED FOR IN NOTE NO. 1. FAILURE TO COMPLY WITH THE ABOVE REQUIREMENT WILL BE UNDERSTOOD AS THE CONTRACTORS ACCEPTANCE OF THE ACCURACY BETWEEN FIELD CONDITIONS AND CONTRACT DOCUMENTS.
18. PRIOR TO SHUT DOWN OF ANY KIND OF SYSTEMS, THE CONTRACTOR SHALL CONTACT THE OWNER'S PROJECT MANAGER AND OBTAIN SHUTDOWN AUTHORIZATION.
19. FIRE ALARM SYSTEM REMOVAL AND MODIFICATIONS SHALL BE MADE BY A CONTRACTOR AUTHORIZED TO WORK ON THE EXISTING EQUIPMENT.
20. WHENEVER CIRCUITS ARE REMOVED FROM OR ADDED TO EXISTING PANELBOARDS OR SWITCHBOARDS, THE CONTRACTOR SHALL PROVIDE A REVISED DIRECTORY SHOWING THE STATUS OF EACH CIRCUIT. DIRECTORY SHALL BE TYPED.
21. REFER TO ARCHITECTURAL PLANS FOR PROJECT CONSTRUCTION PHASING AND PHASING SEQUENCE.



CONSULTANT IN CHARGE

**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE
1	BLDG. DEPT COMMENTS	01.07.16

PROJECT TEAM

PROFESSIONAL IN CHARGE

JOSE LUIS DIAZ TEJERA P.E.

REGISTRATION NUMBER: 76971

DRAWN BY: JALRW

CHECKED BY: JALRW

CITY OF HALLANDALE BEACH

CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY, HALLANDALE BEACH, FL 33009

PROJECT NAME

ELECTRICAL GENERAL NOTES, LEGEND AND SCHEDULES

SHEET TITLE

ACAI ASSOCIATES, INC.

architectural • engineering • roofing • consulting • construction management

AA001323 • EB0004379 • CGC010769

2937 W. Cypress Creek Rd., Suite 200 Fort Lauderdale, Florida 33309

Tel: 954.484.4000 • Fax: 954.484.5588

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15-015 G02

PROJECT NUMBER

**E-001**

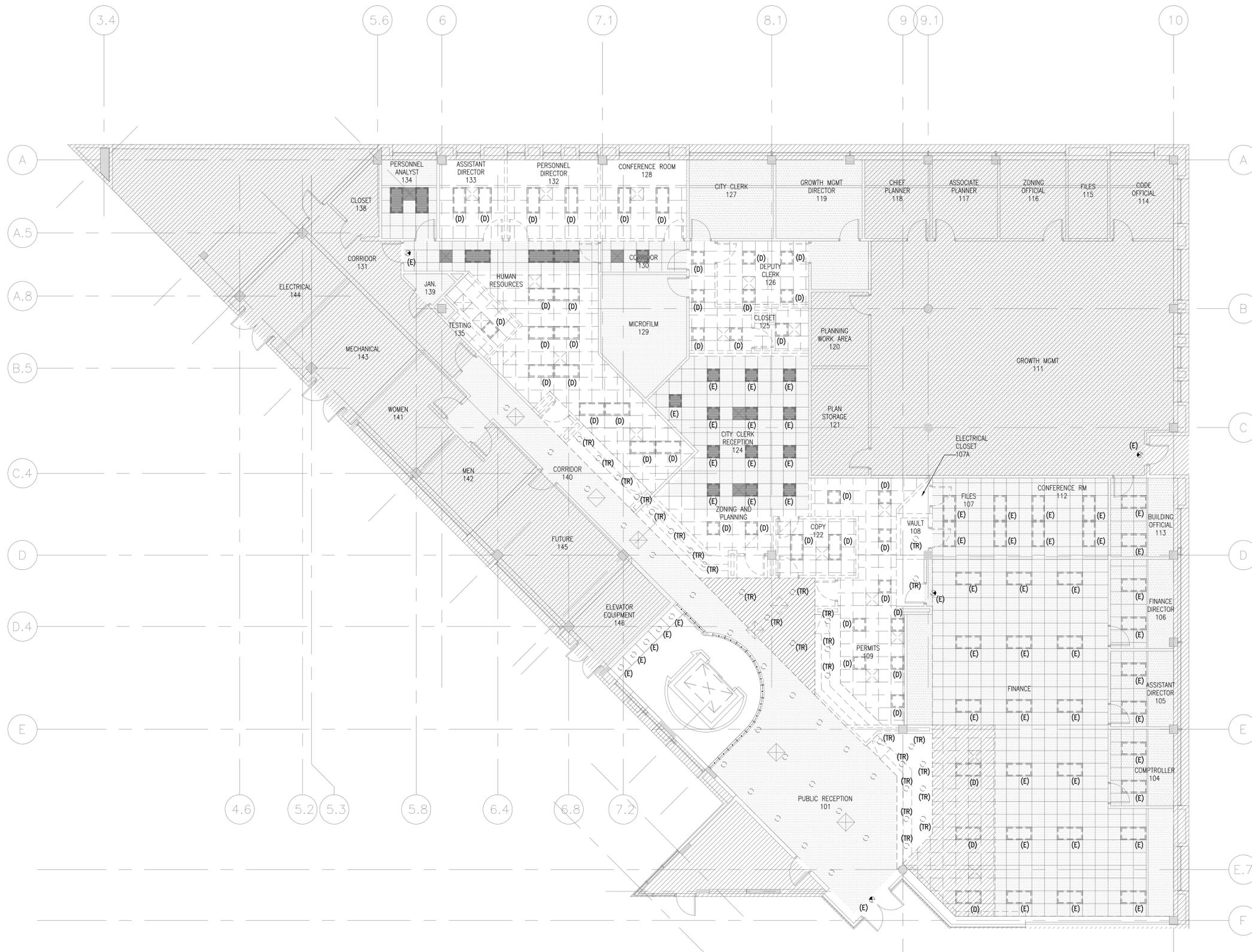
SHEET NUMBER

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# 01 ELECTRICAL GENERAL NOTES, LEGEND AND SCHEDULES

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



**GENERAL NOTES**

1. ALL CONDUITS SERVING OTHER SPACES OR FLOORS, 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 CONDUIT, NEW OR EXISTING WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED WITH BOUNDING BUSHINGS IN ACCORDANCE WITH NEC-2011.
2. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS ONLY. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.

**NOTES LEGEND**

(E) EXISTING LIGHT FIXTURE TO REMAIN.  
 (D) EXISTING LIGHT FIXTURE TO BE REMOVED. ALL WIRE AND CONDUIT ASSOCIATED WITH THIS INSTALLATION SHALL BE REMOVED BACK TO THE SOURCE.  
 (TR) EXISTING LIGHT FIXTURE TO BE RELOCATED.



**CONSULTANT IN CHARGE**  
**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE
1	BLDG DEPT COMMENTS	01.20.16

**PROJECT TEAM**  
 PROFESSIONAL IN CHARGE  
 JOSE LUIS DIAZ TEJERA P.E.  
 REGISTRATION NUMBER: 76971  
 DRAWN BY: JALRW  
 CHECKED BY: JALRW

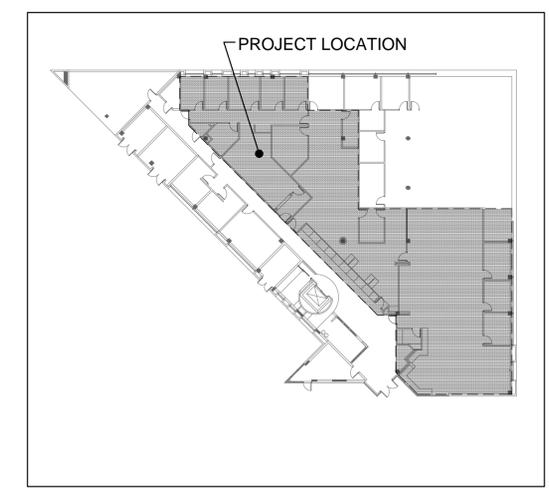
**HALLANDALE BEACH**  
 CITY OF  
 HALLANDALE BEACH  
 CITY HALL RENOVATIONS  
 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH, FL 33009  
 PROJECT NAME

**LIGHTING DEMOLITION FIRST FLOOR PLAN**

SHEET TITLE

**ACA I**  
 ASSOCIATES, INC.  
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 roofing • consulting  
 construction management  
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15-015 G02  
 PROJECT NUMBER  
**ED-201**  
 SHEET NUMBER

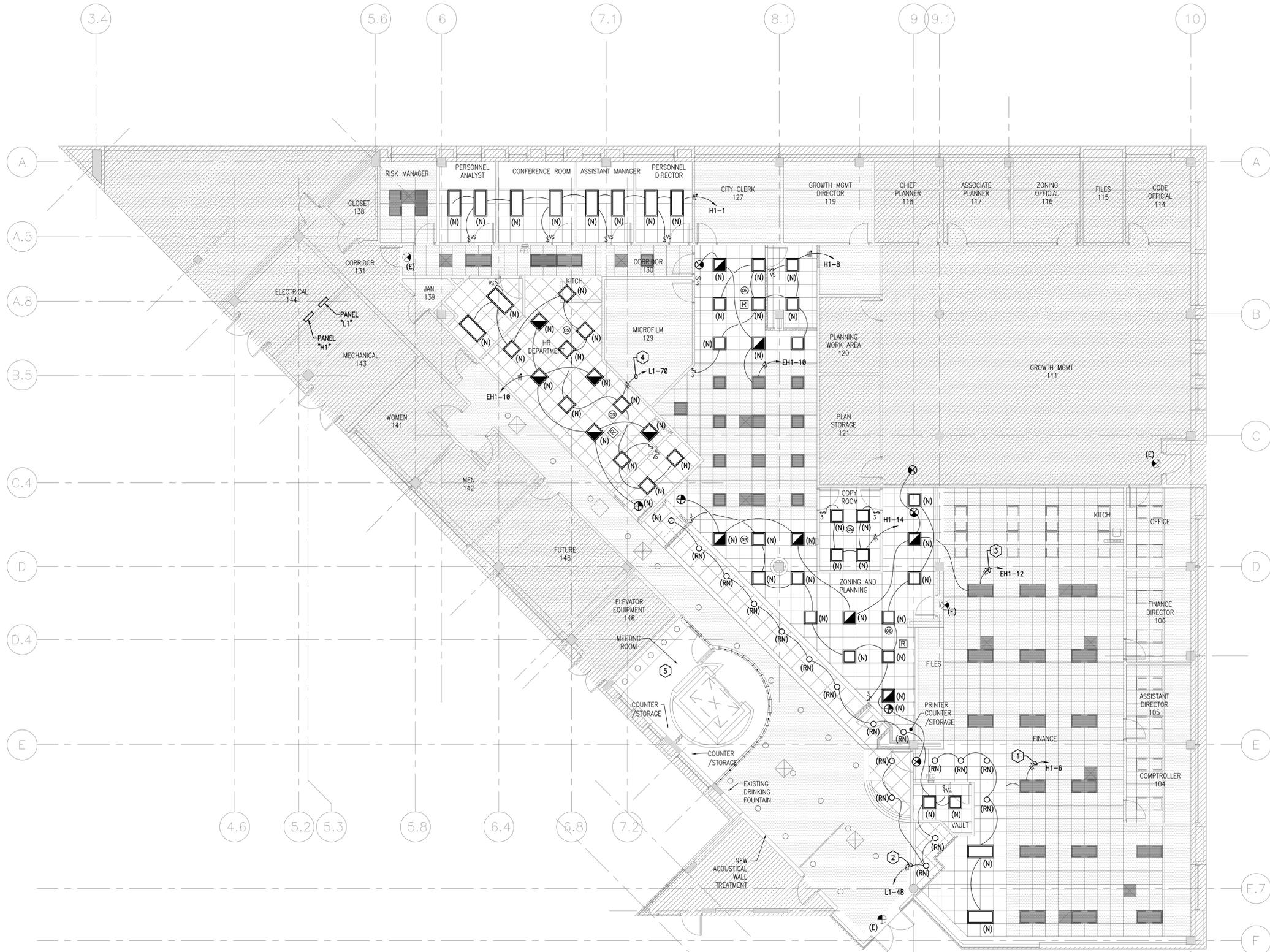


**KEY PLAN**  
 SCALE: NTS

**01 LIGHTING DEMOLITION FIRST FLOOR PLAN**  
 SCALE: 1/8" = 1' - 0"

TO THE BEST OF MY KNOWLEDGE AND ABILITY THESE PLANS ARE COMPLETE AND COMPLY WITH THE APPLICABLE BUILDING CODES.  
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**GENERAL NOTES**

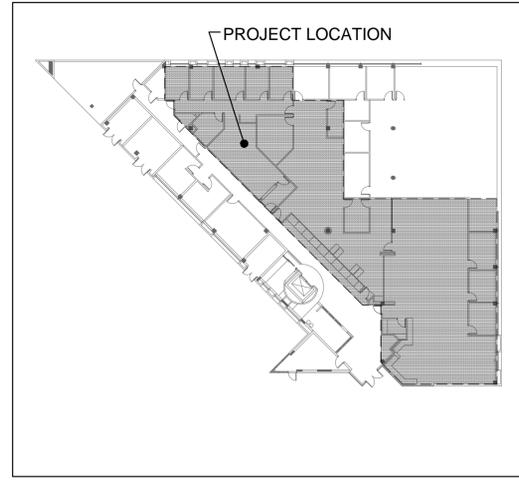
1. ALL EXIT SIGNS SHALL BE CONNECTED AHEAD OF ANY LOCAL SWITCH OR LIGHTING CONTROL.
2. REFER TO ELECTRICAL DETAIL SHEET E-701 FOR OCCUPANCY SENSOR DETAIL AND ADDITIONAL REQUIREMENTS.
3. PROVIDE THE FOLLOWING FOR OCCUPANCY SENSORS:  
 3.1 CEILING-MOUNTED: WATTSTOPPER DT-300 SERIES OR APPROVED EQUAL.  
 3.2 WALL SWITCH/OCCUPANCY SENSOR: WATTSTOPPER QW-100-24 OR APPROVED EQUAL.
4. EMERGENCY TRANSFER RELAYS ARE PROVIDED IN EVERY AREA SHOWN. SEE EMERGENCY LIGHTING WIRING DIAGRAM ON ELECTRICAL DETAIL SHEET E-701.

**LEGEND NOTES**

- NEW LIGHT FIXTURE 2'x4' TO MATCH WITH THE EXISTING BUILDING STANDARD.
- NEW LIGHT FIXTURE 2'x2' TO MATCH WITH THE EXISTING BUILDING STANDARD.
- RELOCATED (SHOWN IN NEW LOCATION)
- NEW LIGHT FIXTURE 2'x2' TO MATCH WITH EXISTING BUILDING STANDARD. IT SHALL BE CONNECTED TO EMERGENCY CIRCUIT.
- (E) EXISTING LIGHT FIXTURE.

**KEY NOTES**

1. EXTEND TO EXISTING CIRCUIT H1-6 (2#12, 1#12G IN 1/2" C) TO CONNECT THE NEW LIGHT FIXTURES.
2. RE-USE EXISTING CIRCUIT L1-48 (2#12, 1#12G IN 1/2" C). NOT NEW LOADS HAVE BEEN ADDED.
3. EXTEND TO EXISTING CIRCUIT EH1-12 (2#12, 1#12G IN 1/2" C).
4. RE-USE EXISTING CIRCUIT L1-70 (2#12, 1#12G IN 1/2" C). NOT NEW LOADS HAVE BEEN ADDED.
5. EXISTING MEETING ROOM'S LIGHTS AND CONTROL TO REMAIN. THIS AREA HAS NOT BEEN DISTURBED BY THIS PROJECT. THE AREA IS NOT CONSIDERED ENCLOSED BECAUSE THE DOOR AND WALL PARTITIONS DO NOT GO UP TO THE CEILING HEIGHT.



**01 LIGHTING FIRST FLOOR PLAN**  
 SCALE : 1/8" = 1' - 0"



**CONSULTANT IN CHARGE**

**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE
Δ	BLDG DEPT COMMENTS	01.07.16
Δ	BLDG DEPT COMMENTS	01.20.16

**PROJECT TEAM**

PROFESSIONAL IN CHARGE  
 JOSE LUIS DIAZ TEJERA P.E.

REGISTRATION NUMBER  
 76971

DRAWN BY  
 JALRW

CHECKED BY  
 JALRW

**Hallandale Beach**  
 PROJECT, DESIGN, CONSTRUCTION

**CITY OF HALLANDALE BEACH**

**CITY HALL RENOVATIONS**  
 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH, FL 33008

**PROJECT NAME**

**LIGHTING FIRST FLOOR PLAN**

**SHEET TITLE**

**ACAI**  
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 roofing • consulting  
 construction management

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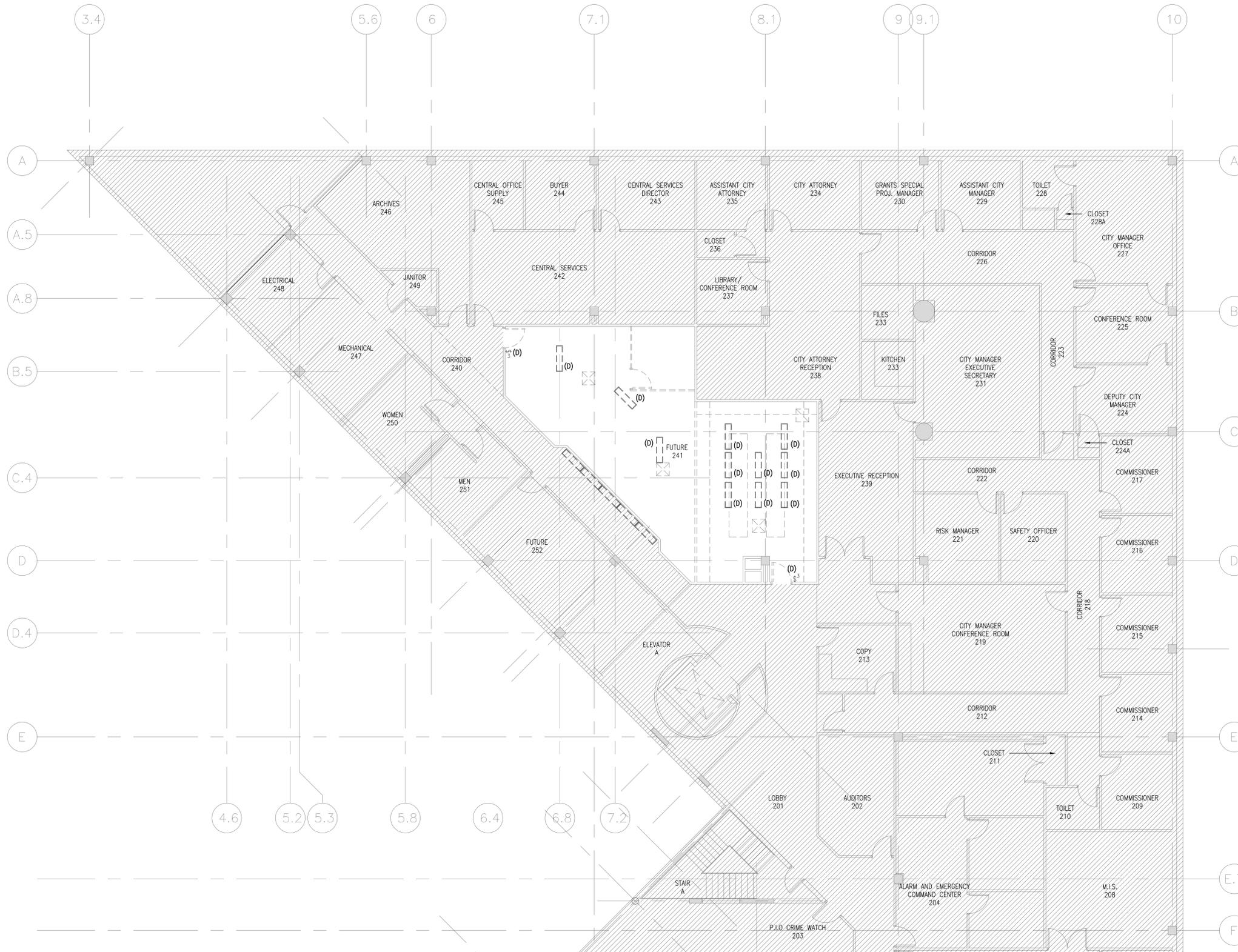
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 PROJECT NUMBER  
**E-201**

SHEET NUMBER

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**KEY PLAN**  
 SCALE : NTS



**NOTES LEGEND**

(D) EXISTING LIGHT FIXTURE TO BE REMOVED. ALL WIRE AND CONDUIT ASSOCIATED WITH THIS INSTALLATION SHALL BE REMOVED BACK TO THE SOURCE.



**CONSULTANT IN CHARGE**

**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE

**PROJECT TEAM**

PROFESSIONAL IN CHARGE  
 JOSE LUIS DIAZ TEJERA P.E.  
 REGISTRATION NUMBER 76971

**DRAWN BY**  
 JALRW  
**CHECKED BY**  
 JALRW

**CITY OF HALLANDALE BEACH**

**CITY HALL RENOVATIONS**  
 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH, FL 33009

**PROJECT NAME**

**LIGHTING DEMOLITION SECOND FLOOR PLAN**

**SHEET TITLE**



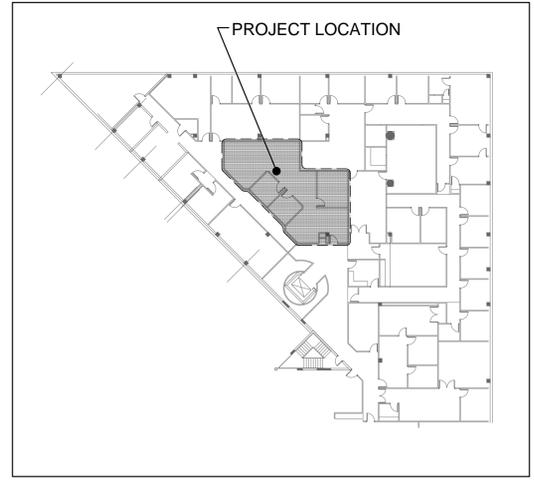
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15-015 G02  
**PROJECT NUMBER**  
**ED-202**

**SHEET NUMBER**

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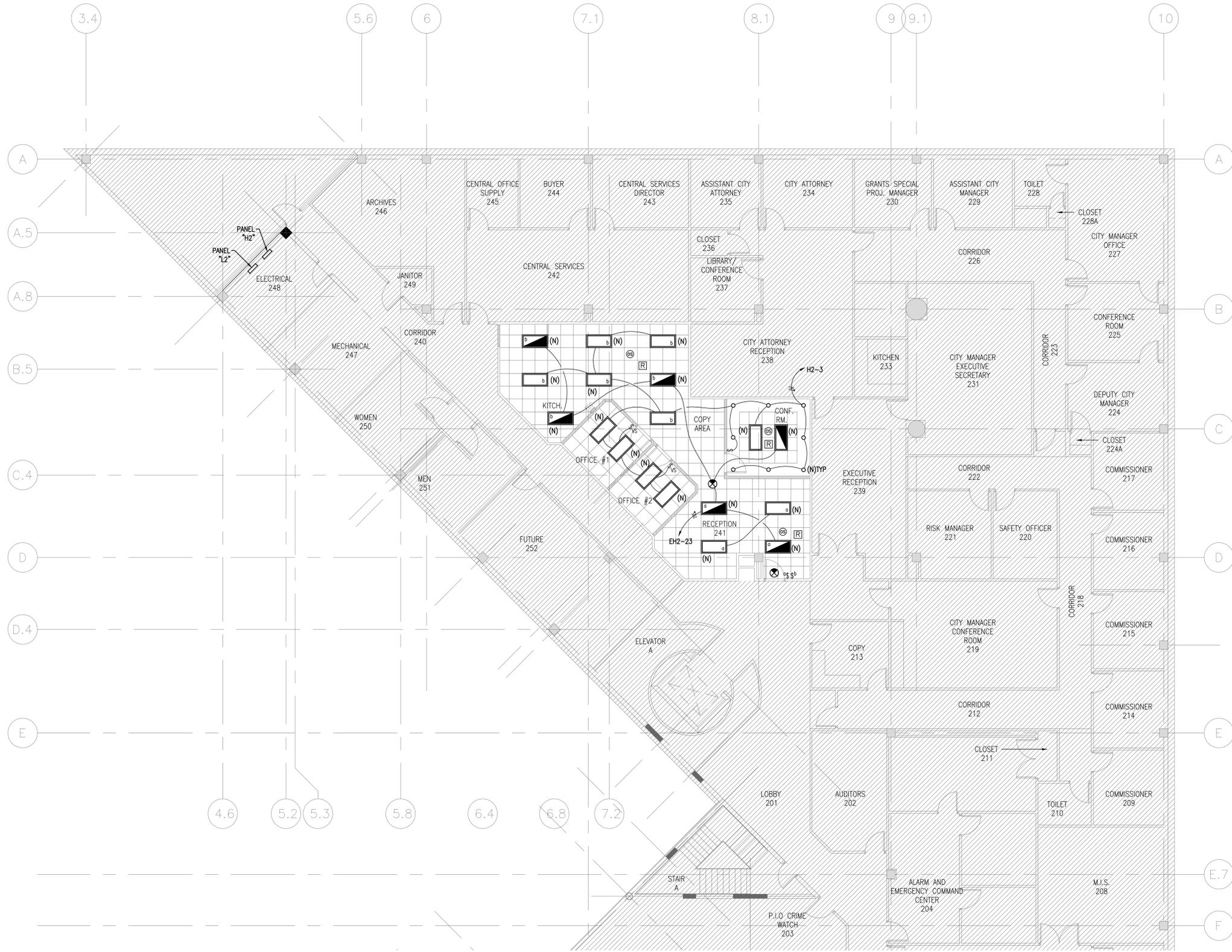
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**KEY PLAN**  
 SCALE: NTS

**01 LIGHTING DEMOLITION SECOND FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

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- ### GENERAL NOTES
- ALL EXIT SIGNS SHALL BE CONNECTED AHEAD OF ANY LOCAL SWITCH OR LIGHTING CONTROL.
  - REFER TO ELECTRICAL DETAIL SHEET E-701 FOR OCCUPANCY SENSOR DETAIL AND ADDITIONAL REQUIREMENTS.
  - PROVIDE THE FOLLOWING FOR OCCUPANCY SENSORS:
    - CEILING-MOUNTED: WATTSTOPER DT-300 SERIES OR APPROVED EQUAL.
    - WALL SWITCH/OCCUPANCY SENSOR: WATTSTOPER QW-100-24 OR APPROVED EQUAL.
  - EMERGENCY TRANSFER RELAYS ARE PROVIDED IN EVERY AREA SHOWN. SEE EMERGENCY LIGHTING WIRING DIAGRAM ON ELECTRICAL DETAIL SHEET E-701.

- ### LEGEND NOTES
- NEW LIGHT FIXTURE 2'x4' TO MATCH WITH THE EXISTING BUILDING STANDARD.
  - NEW 2'x4' TO MATCH WITH THE EXISTING BUILDING STANDARD. IT SHALL BE CONNECTED TO THE EMERGENCY CIRCUIT.
  - NEW LED RECESSED DOWNLIGHT TO MATCH WITH THE EXISTING BUILDING STANDARD.



CONSULTANT IN CHARGE

SUBMITTALS:

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT TEAM

PROFESSIONAL IN CHARGE  
JOSE LUIS DIAZ TEJERA P.E.

REGISTRATION NUMBER: 76971

DRAWN BY: JALRW

CHECKED BY: JALRW

CITY OF HALLANDALE BEACH

CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY, HALLANDALE BEACH, FL 33009

PROJECT NAME

LIGHTING SECOND FLOOR PLAN

SHEET TITLE

**ACAI** ASSOCIATES, INC.

architecture • engineering  
roofing • consulting  
construction management

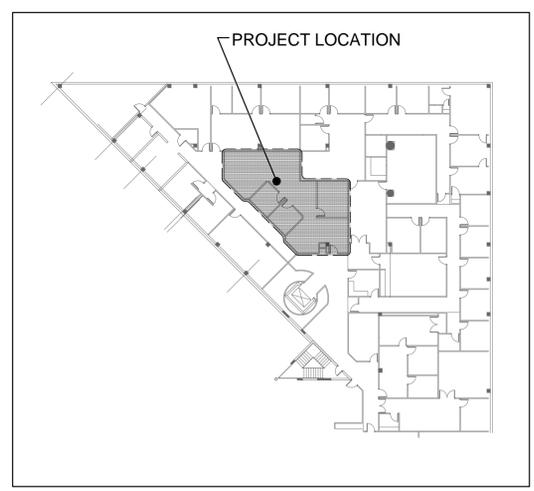
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15-015 G02  
PROJECT NUMBER  
**E-202**

SHEET NUMBER

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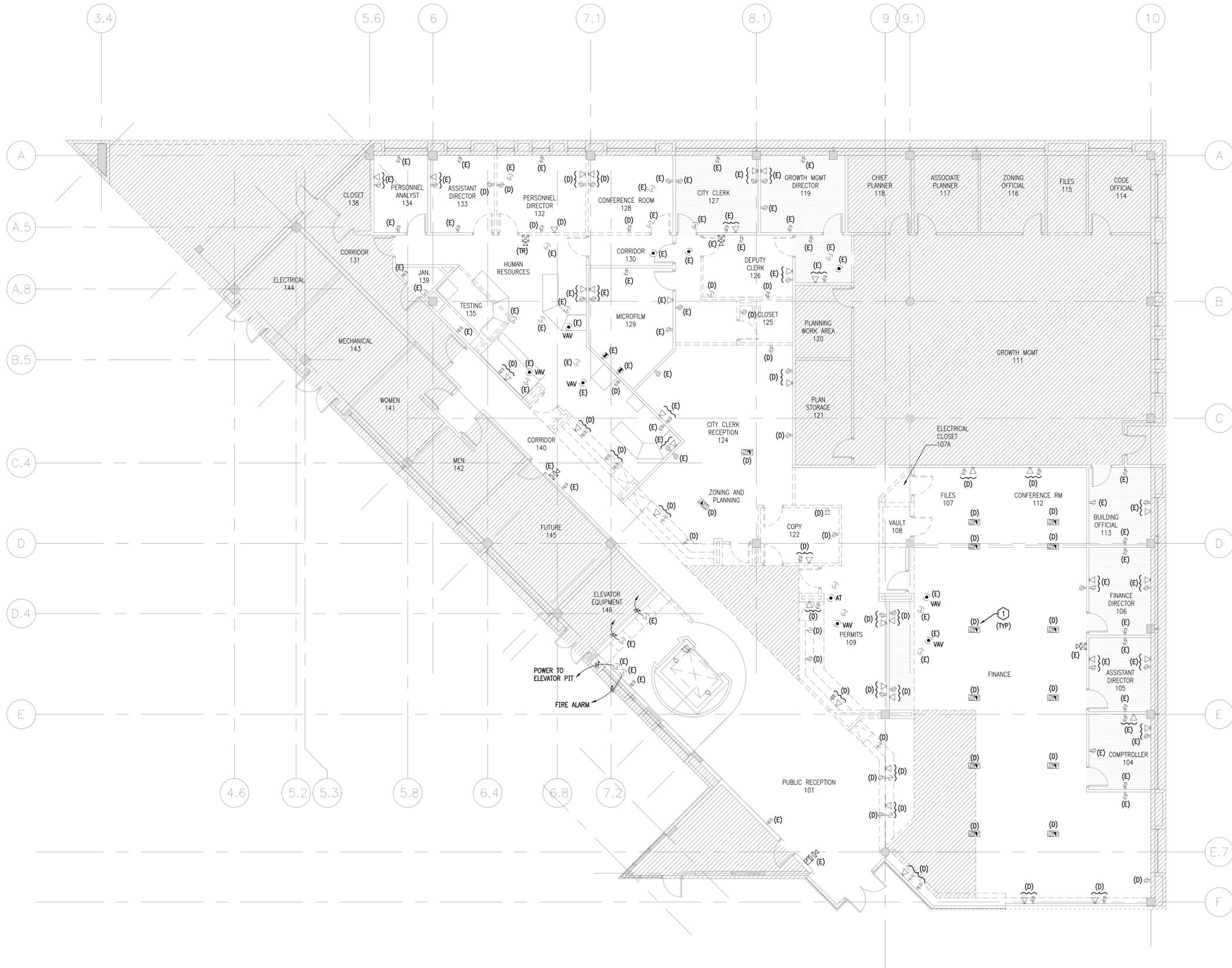
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KEY PLAN  
SCALE: NTS

**01** LIGHTING SECOND FLOOR PLAN  
SCALE: 1/8" = 1' - 0"

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**DEMOLITION GENERAL NOTES**

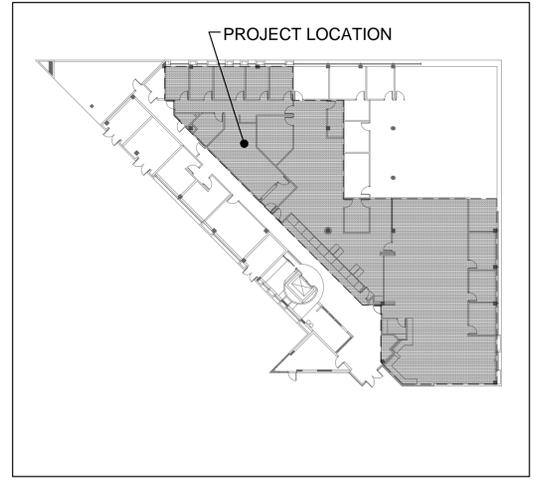
- ALL CONDUITS SERVING OTHER SPACE OF FLOOR, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS NEW OR EXISTING WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED WITH BONDING BUSHING IN ACCORDANCE WITH NEC.
- EXISTING CONDITIONS SHOWN ON DRAWINGS ARE TAKEN FROM ORIGINAL DRAWINGS ONLY. ALL EXISTING CONDUITS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.

**NOTES LEGEND**

(E) EXISTING TO REMAIN.  
 (TR) EXISTING TO BE RELOCATED.  
 (D) EXISTING TO BE REMOVED.  
 (RN) RELOCATED (SHOWN IN NEW LOCATION).

**KEY NOTES**

1 REMOVE EXISTING WIRES BACK TO THE SOURCE. CONDUIT AND RECEPTACLES SHALL BE ABANDONED IN PLACE.



CONSULTANT IN CHARGE

**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE

**PROJECT TEAM**

PROFESSIONAL IN CHARGE  
 JOSE LUIS DIAZ TEJERA P.E.  
 REGISTRATION NUMBER 76971

**DRAWN BY**  
 JALRW

**CHECKED BY**  
 JALRW

**Hallandale Beach**  
 PROJECT DEVELOPMENT DIVISION

**CITY OF HALLANDALE BEACH**

**CITY HALL RENOVATIONS**  
 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH, FL 33009

**PROJECT NAME**

**POWER DEMOLITION FIRST FLOOR PLAN**

**SHEET TITLE**

**ACAI**  
 associates, inc.  
 architecture • engineering  
 roofing • consulting  
 construction management

AAC001323 • EB0004379 • CGC010769  
 2837 W. Cypress Creek Rd., Suite 200  
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 Tel: 954.484.4000 • Fax: 954.484.5588  
 www.acaiworld.com

15-015 G02  
**PROJECT NUMBER**  
**ED-301**

**SHEET NUMBER**

TO THE BEST OF MY KNOWLEDGE AND ABILITY THESE PLANS ARE COMPLETE AND COMPLY WITH THE APPLICABLE BUILDING CODES.

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**01 POWER DEMOLITION FIRST FLOOR PLAN**  
 SCALE : 1/8" = 1' - 0"



**KEY PLAN**  
 SCALE : NTS



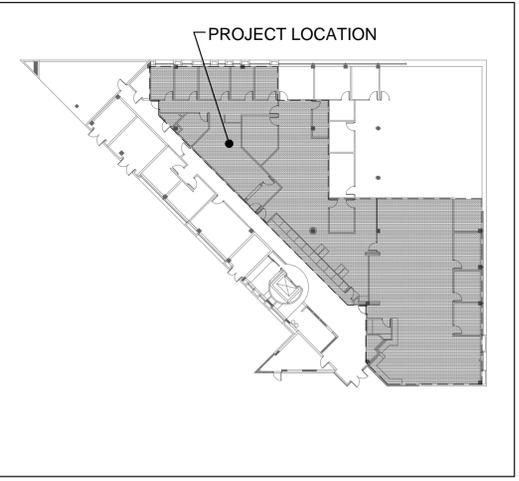
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- ### GENERAL NOTES
- NEW TELEPHONE/DATA OUTLET WITH 1" STUBBED UP 6" ABOVE CEILING SPACE.
  - JUNCTION BOX WITH 1" STUBBED UP 6" ABOVE CEILING SPACE.

NOTE: ALL JUNCTION BOXES SHALL BE DOUBLE GANG DEEP BOX, WITH SINGLE GANG MUD RING FOR 1" STUBBED UP CONDUITS AND DOUBLE GANG MUD RING FOR 2" STUBBED UP CONDUITS.

- ### KEY NOTES
- EXTEND EXISTING CIRCUIT L1-3 (2#12, 1#12G IN 1/2").
  - EXTEND EXISTING CIRCUIT L1-17 (2#12, 1#12G IN 1/2").
  - EXTEND EXISTING CIRCUIT L1-21 (2#12, 1#12G IN 1/2").
  - CONNECT TO EXISTING CIRCUIT. REFER TO DEMOLITION DRAWINGS.
  - HORN STROBE RELOCATED. CONNECT TO EXISTING FIRE ALARM SYSTEM.
  - CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT AND EXACT LOCATION OF ALL OF THE ELECTRICAL DEVICES WITH ARCHITECT AND OWNER.
  - NEW CARD READER CONNECT TO EXISTING SECURITY SYSTEM.
  - CONNECT NEW SMOKE DETECTOR TO EXISTING FIRE ALARM SYSTEM. CONTRACTOR SHALL RE-CERTIFY FIRE ALARM SYSTEM AFTER COMPLETION OF SCOPE OF WORK.
  - FLOOR MOUNTED POWER AND DATA OUTLET.



**KEY PLAN**  
SCALE: NTS



CONSULTANT IN CHARGE

SUBMITTALS:

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE
Δ	BLDG DEPT COMMENTS	01.07.16
Δ	BLDG DEPT COMMENTS	01.20.16

PROJECT TEAM

PROFESSIONAL IN CHARGE  
JOSE LUIS DIAZ TEJERA P.E.

REGISTRATION NUMBER  
76971

DRAWN BY  
JALRW

CHECKED BY  
JALRW

**Hallandale Beach**  
CITY OF  
HALLANDALE BEACH

CITY HALL RENOVATIONS  
400 SOUTH FEDERAL HIGHWAY,  
HALLANDALE BEACH, FL 33009

PROJECT NAME

POWER FIRST  
FLOOR PLAN

SHEET TITLE

**ACAI**  
associates, inc.  
architecture • engineering  
roofing • consulting  
construction management

AAC001323 • EB0004379 • CGC010769  
2937 W. Cypress Creek Rd., Suite 200  
Fort Lauderdale, Florida 33309  
Tel: 954.484.4000 • Fax: 954.484.5588  
www.acaiworld.com

15-015 G02  
PROJECT NUMBER  
**E-301**

SHEET NUMBER

TO THE BEST OF MY KNOWLEDGE  
AND ABILITY THESE PLANS ARE  
COMPLETE AND COMPLY WITH THE  
APPLICABLE BUILDING CODES.

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**01 POWER FIRST FLOOR PLAN**  
SCALE: 1/8" = 1' - 0"

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**DEMOLITION GENERAL NOTES**

- ALL CONDUITS SERVING OTHER SPACE OF FLOOR, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS NEW OR EXISTING WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED WITH BONDING BUSHING IN ACCORDANCE WITH NEC.
- EXISTING CONDITIONS SHOWN ON DRAWINGS ARE TAKEN FROM ORIGINAL DRAWINGS ONLY. ALL EXISTING CONDUITS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.

**NOTES LEGEND**

(D) EXISTING TO BE REMOVED.  
 (E) EXISTING TO REMAIN.  
 (TR) EXISTING TO BE RELOCATED.  
 (RN) RELOCATED (SHOWN IN NEW LOCATION).



**CONSULTANT IN CHARGE**

**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE

**PROJECT TEAM**

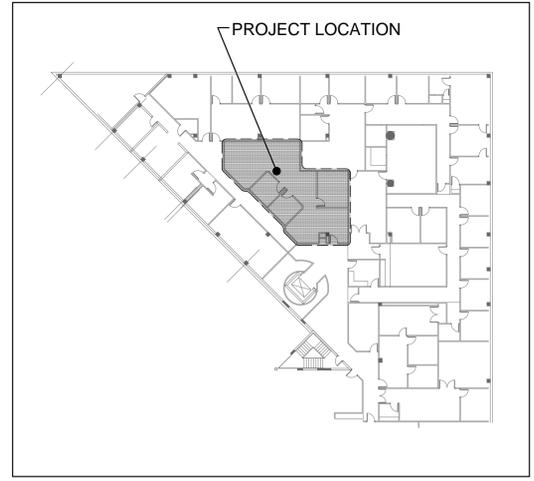
PROFESSIONAL IN CHARGE  
 JOSE LUIS DIAZ TEJERA P.E.  
 REGISTRATION NUMBER 76971

**DRAWN BY**  
 JALRW  
**CHECKED BY**  
 JALRW

**PROJECT NAME**

**POWER DEMOLITION SECOND FLOOR PLAN**

**SHEET TITLE**



**KEY PLAN**  
 SCALE: NTS

**01 POWER DEMOLITION SECOND FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

**ACAI**  
 associates, inc.  
 architecture • engineering  
 roofing • consulting  
 construction management

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 2837 W. Cypress Creek Rd., Suite 200  
 Fort Lauderdale, Florida 33309  
 Tel: 954.484.4000 • Fax: 954.484.5588  
 www.acaiworld.com

15-015 G02  
**PROJECT NUMBER**

**ED-302**  
**SHEET NUMBER**

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- GENERAL NOTES**
- 1 NEW TELEPHONE/DATA OUTLET WITH 1" STUBBED UP 6" ABOVE CEILING SPACE.
  - 2 JUNCTION BOX WITH 1" STUBBED UP 6" ABOVE CEILING SPACE.
  - 3 HORN STROBE RELOCATED. CONTRACTOR SHALL BE RECERTIFIED THE FIRE ALARM SYSTEM.

NOTE: ALL JUNCTION BOXES SHALL BE DOUBLE GANG DEEP BOX, WITH SINGLE GANG MUD RING FOR 1" STUBBED UP CONDUITS AND DOUBLE GANG MUD RING FOR 2" STUBBED UP CONDUITS.



CONSULTANT IN CHARGE

PROFESSIONAL IN CHARGE

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE
1	BLDG DEPT COMMENTS	01.20.16

PROJECT TEAM

PROFESSIONAL IN CHARGE

JOSE LUIS DIAZ TEJERA P.E.

REGISTRATION NUMBER 76971

DRAWN BY JALRW

CHECKED BY JALRW

**Hallandale Beach**  
PROJECT SERVICES DIVISION

CITY OF HALLANDALE BEACH

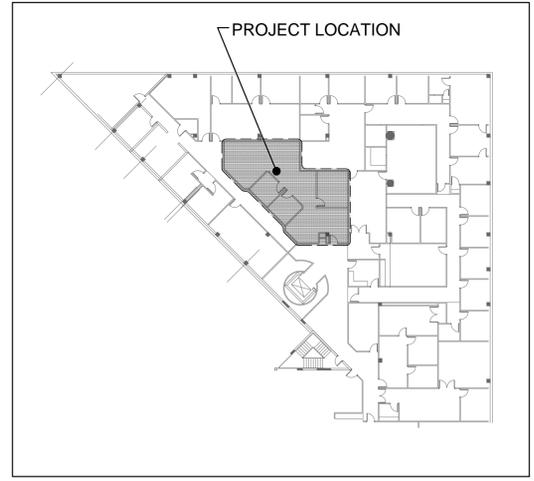
CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY,  
HALLANDALE BEACH, FL 33009

PROJECT NAME

POWER SECOND FLOOR PLAN

SHEET TITLE



KEY PLAN

SCALE: NTS

**01 POWER SECOND FLOOR PLAN**

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

**ACA I**  
associates, inc.  
architecture • engineering  
roofing • consulting  
construction management

AAC001323 • EB0004379 • CGC010769  
2937 W. Cypress Creek Rd., Suite 200  
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Tel: 954.484.4000 • Fax: 954.484.5588  
www.acaiworld.com

15-015 G02  
PROJECT NUMBER

**E-302**  
SHEET NUMBER

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CONSULTANT IN CHARGE

SUBMITTALS:

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT TEAM

PROFESSIONAL IN CHARGE

JOSE LUIS DIAZ TEJERA P.E.

REGISTRATION NUMBER 76971

DRAWN BY JALRW

CHECKED BY JALRW

PROJECT NAME

CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY,  
HALLANDALE BEACH, FL 33309

PROJECT NAME

ELECTRICAL RISER

SHEET TITLE

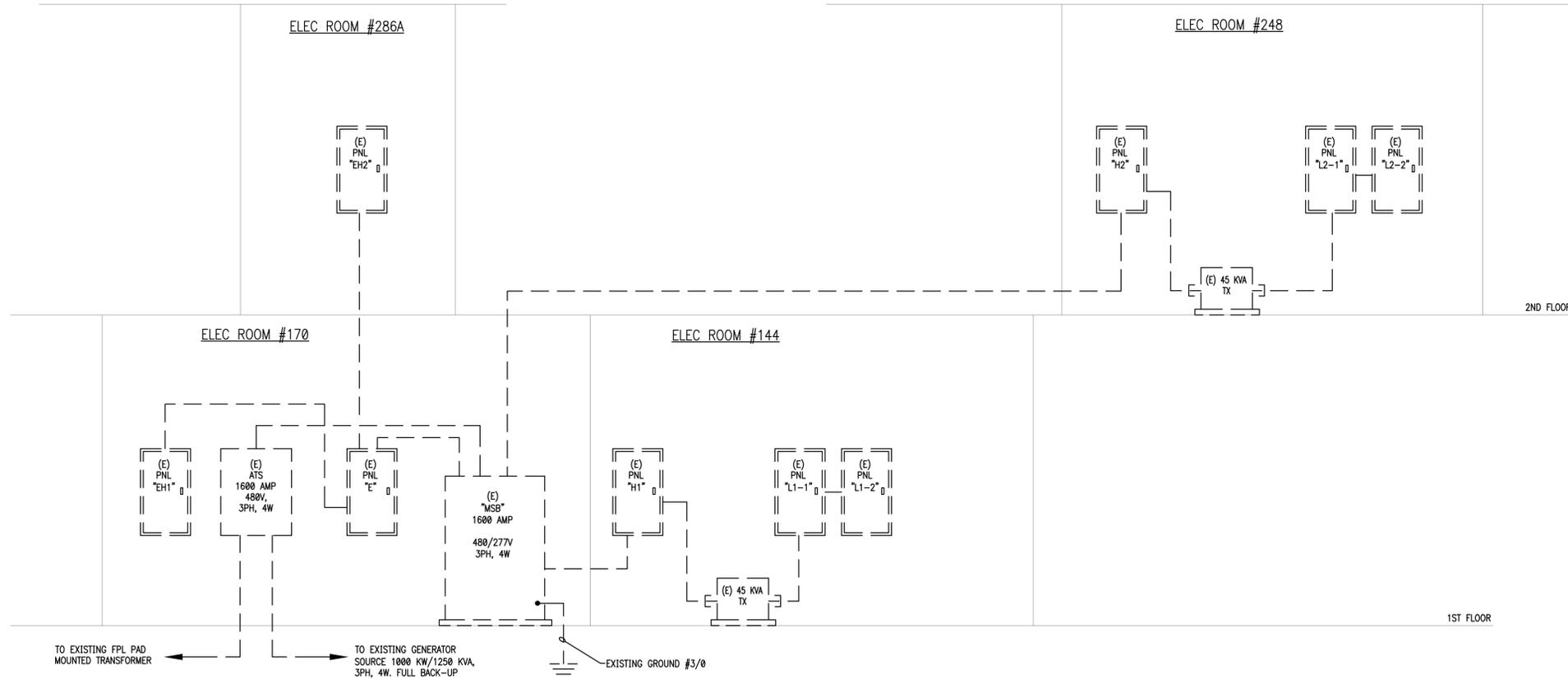
PROJECT NUMBER

E-501

SHEET NUMBER

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**01 PARTIAL ELECTRICAL POWER RISER**  
SCALE : NTS

**LEGEND NOTE**  
1- ALL ELECTRICAL EQUIPMENTS, WIRES AND CONDUITS ARE EXISTING TO REMAIN

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PANEL (EXISTING) EH1															
VOLTAGE (L-N):				ENCLOSURE TYPE:				SQUARE D							
VOLTAGE (L-L):				MOUNTING:				SURFACE							
PHASES, WIRES:				AIC RATING (A):				0							
MAIN BUS RATING (A):				FED FROM				ELECTRICAL ROOM PANEL "E" (150 AMP BREAKER)							
MAIN LUGS ONLY				277				225 A							
CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE LOADS (VA)						POLE	TRIP AMPS	DESCRIPTION	CKT NO		
				A		B		C							
(E) 1	LIGHTING	20	1	3100							1	20	LIGHTING	2	(E)
(E) 3	LIGHTING	20	1			1900	2900				1	20	LIGHTING	4	(E)
(E) 5	LIGHTING	20	1					3000	2000		1	20	LIGHTING	6	(E)
(E) 7	LIGHTING	20	1	2400	2000						1	20	LIGHTING	8	(E)
(E) 9	LIGHTING	20	1			2300	2394				1	20	LIGHTING	10	(N)
(E) 11	LIGHTING	20	1					2000	3740		1	20	LIGHTING	12	(N)
(E) 13	LIGHTING	20	1	2000	16360									14	(E)
(E) 15	LIGHTING	20	1			2300	19000				3	70	TRANSFORMER EL-1	16	(E)
(E) 17	CANOPY CONTACTOR	20	1					2000	13580					18	(E)
(E) 19	EQUIP. YARD	20	1	800	1200						1	20	STAIRWELL	20	(E)
(E) 21	EQUIP. YARD	20	1			800	0				1		SPACE	22	(E)
(E) 23	EQUIP. YARD	20	1					800	0		1		SPACE	24	(E)
25	SPACE		1	0	0						1		SPACE	26	(E)
27	SPACE		1			0	0				1		SPACE	28	(E)
29	SPACE		1					0	0		1		SPACE	30	(E)
31	SPACE		1	0	0					0	0		SPACE	32	(E)
33	SPACE		1			0	0				1		SPACE	34	(E)
35	SPACE		1					0	0		1		SPACE	36	(E)
37	SPACE		1	0	0						1		SPACE	38	(E)
39	SPACE		1			0	0				1		SPACE	40	(E)
41	SPACE		1					0	0		1		SPACE	42	(E)
				CONNECTED LOAD PHASE TOTALS (VA)											
				29960		30294		26320							
				TOTAL LOAD (VA):						86574		TOTAL (AMPS):		104.1	
CONNECT LOAD:				86574 VA											
DEMAND LOAD:				86574 VA											

(E) EXISTING CONNECT LOAD  
(N) NEW CONNECT LOAD

PANEL (EXISTING) L2 - SECT I															
VOLTAGE (L-N):				ENCLOSURE TYPE:				SQUARE D							
VOLTAGE (L-L):				MOUNTING:				SURFACE							
PHASES, WIRES:				AIC RATING (A):				0							
MAIN BUS RATING (A):				FED FROM				ELECTRICAL ROOM TRANSF. "T-2"							
MAIN RATING (A):				120				150 A							
MAIN LUGS ONLY				208				AMPS MCB							
CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE LOADS (VA)						POLE	TRIP AMPS	DESCRIPTION	CKT NO		
				A		B		C							
(E) 1	RECEPTACLES	20	1	1080	900						1	20	RECEPTACLES	2	(E)
(E) 3	RECEPTACLES	20	1			720	1080				1	20	RECEPTACLES	4	(E)
(E) 5	RECEPTACLES	20	1					900	900		1	20	RECEPTACLES	6	(N)
(E) 7	RECEPTACLES	20	1	720	500						1	20	EWC	8	(E)
(E) 9	RECEPTACLES	20	1			900	500				1	20	RECEPTACLES	10	(E)
(E) 11	RECEPTACLES	20	1					1080	1000		1	20	COPIER	12	(E)
(E) 13	RECEPTACLES	20	1	900	360						1	20	RECEPTACLES	14	(E)
(E) 15	RECEPTACLES	20	1			900	1080				1	20	RECEPTACLES	16	(E)
(E) 17	RECEPTACLES	20	1					180	540		1	20	RECEPTACLES	18	(E)
(E) 19	RECEPTACLES	20	1	360	540						1	20	RECEPTACLES	20	(E)
(E) 21	RECEPTACLES	20	1			900	900				1	20	RECEPTACLES	22	(E)
(E) 23	RECEPTACLES	20	1					720	720		1	20	RECEPTACLES	24	(E)
(E) 25	RECEPTACLES		1	900	900						1	20	RECEPTACLES	26	(E)
(E) 27	RECEPTACLES		1			900	720				1	20	RECEPTACLES	28	(E)
(E) 29	RECEPTACLES		1					720	900		1	20	RECEPTACLES	30	(E)
(E) 31	RECEPTACLES		1	900	900						1	20	RECEPTACLES	32	(N)
(E) 33	RECEPTACLES		1			720	900				1	20	RECEPTACLES	34	(E)
(E) 35	RECEPTACLES		1					900	900		1	20	RECEPTACLES	36	(E)
(E) 37	EF-1		1	700	1080						1	20	RECEPTACLES	38	(E)
(E) 39	EF-2		1			700	700				1	20	EF-4	40	(E)
(E) 41	EF-3		1					700	700		1	20	EF-5	42	(E)
				CONNECTED LOAD PHASE TOTALS (VA)											
				12160		11620		10320							
				TOTAL LOAD (VA):						34100		TOTAL (AMPS):		94.7	
CONNECT LOAD:				34100 VA											
DEMAND LOAD:				22050 VA = 61 AMP											

(E) EXISTING CONNECT LOAD  
(N) NEW CONNECT LOAD

PANEL (EXISTING) H1															
VOLTAGE (L-N):				ENCLOSURE TYPE:				SQUARE D							
VOLTAGE (L-L):				MOUNTING:				SURFACE							
PHASES, WIRES:				AIC RATING (A):				0							
MAIN BUS RATING (A):				FED FROM				ELECTRICAL ROOM MSB							
MAIN LUGS ONLY				277				225 A							
CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE LOADS (VA)						POLE	TRIP AMPS	DESCRIPTION	CKT NO		
				A		B		C							
(N) 1	LIGHTING	20	1	3500	3125						1	20	LIGHTING	2	(E)
(E) 3	LIGHTING	20	1			2600	3200				1	20	LIGHTING	4	(E)
(E) 5	LIGHTING	20	1					3200	3125		1	20	LIGHTING	6	(N)
(E) 7	LIGHTING	20	1	1500	1244						1	20	LIGHTING	8	(N)
(E) 9	LIGHTING	20	1			2250	2600				1	20	LIGHTING	10	(E)
(E) 11	LIGHTING	20	1					2250	0		1	20	SPARE	12	(E)
(E) 13	LIGHTING	20	1	2250	8500									14	(E)
(E) 15	LIGHTING	20	1			3200	8500				3	50	PANEL DM VIA TRANSF. T1	16	(E)
(E) 17	CANOPY CONTACTOR	20	1					2100	8500					18	(E)
(E) 19	EQUIP. YARD	20	1	1750	600						1	20	CONFERENCE ROOM	20	(E)
(E) 21	EQUIP. YARD	20	1			1950	0				1	20	SPARE	22	(E)
(E) 23	EQUIP. YARD	20	1					2600	0		1	20	SPARE	24	(E)
25	SPACE		1	2200	4066									26	(E)
27	SPACE		1			2000	4066				3	20	CONSOLA ASSEMBLY	28	(E)
29	SPACE		1					2000	4066		1	20	LIGHTING	30	(E)
31	SPACE		1	2000	1200						1	20	LIGHTING	32	(E)
33	SPACE		1			1300	3000				1	20	LIGHTING	34	(E)
35	SPACE		1					1300	4040		3	80	PANEL L1	36	(E)
37	SPACE		1	1300	5600						1	20	SPARE	38	(E)
39	SPACE		1					1000	0		1	20	SPARE	40	(E)
41	SPACE		1						2000	0	1	20	SPARE	42	(E)
				CONNECTED LOAD PHASE TOTALS (VA)											
				38835		36266		35181							
				TOTAL LOAD (VA):						110282		TOTAL (AMPS):		132.6	
CONNECT LOAD:				110282 VA											
DEMAND LOAD:				110282 VA											

(E) EXISTING CONNECT LOAD  
(N) NEW CONNECT LOAD

PANEL (EXISTING) EH2															
VOLTAGE (L-N):				ENCLOSURE TYPE:				SQUARE D							
VOLTAGE (L-L):				MOUNTING:				SURFACE							
PHASES, WIRES:				AIC RATING (A):				0							
MAIN BUS RATING (A):				FED FROM				ELECTRICAL ROOM PANEL "E" (200 AMP BREAKER)							
MAIN LUGS ONLY				277				225 A							
MAIN LUGS ONLY				480				AMPS MCB							
CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE LOADS (VA)						POLE	TRIP AMPS	DESCRIPTION	CKT NO		
				A		B		C							
(E) 1	LIGHTING	20	1	3000	3000						1	20	LIGHTING	2	(E)
(E) 3	LIGHTING	20	1			2000	3000				1	20	LIGHTING	4	(E)
(E) 5	LIGHTING	20	1					2700	2500		1	20	LIGHTING	6	(E)
(E) 7	LIGHTING	20	1	2550	2400						1	20	LIGHTING	8	(E)
(E) 9	LIGHTING	20	1			2250	2250				1	20	LIGHTING	10	(E)
(E) 11	LIGHTING	20	1					3000	3000		1	20	LIGHTING	12	(E)
(E) 13	LIGHTING	20	1	2000	2000						1	20	LIGHTING	14	(E)
(E) 15	LIGHTING	20	1			2000	2000				1	20	LIGHTING	16	(E)
(E) 17	LIGHTING	20	1					3000	1500		1	20	LIGHTING	18	(E)
(E) 19	LIGHTING	20	1	2000	19200									20	(E)
(E) 21	LIGHTING	20	1			3000	18200				3	70	TRANSFORMER EL-2	22	(E)
(N) 23	LIGHTING	20	1					625	16700		1	20	LIGHTING	24	(E)
25	SPACE		1	0	0						1		SPACE	26	(E)
27	SPACE		1			0	0				1		SPACE	28	(E)
29	SPACE		1					0	0		1		SPACE	30	(E)
31	SPACE		1	0	0				0	0	1		SPACE	32	(E)
33	SPACE		1			0	0				1		SPACE	34	(E)
35	SPACE		1					0	0		1		SPACE	36	(E)
37	SPACE		1	0	0						1		SPACE	38	(E)
39	SPACE		1			0	0				1		SPACE	40	(E)
41	SPACE		1					0	0		1		SPACE	42	(E)
				CONNECTED LOAD PHASE TOTALS (VA)											
				36775		34700		32400							
				TOTAL LOAD (VA):						103875		TOTAL (AMPS):		124.9	
CONNECT LOAD:				103875 VA											
DEMAND LOAD:				103875 VA											

(E) EXISTING CONNECT LOAD  
(N) NEW CONNECT LOAD

PANEL (EXISTING) L2 - SECT II															
VOLTAGE (L-N):				ENCLOSURE TYPE:				SQUARE D							
VOLTAGE (L-L):				MOUNTING:				SURFACE							
PHASES, WIRES:				AIC RATING (A):				0							
MAIN BUS RATING (A):				FED FROM				ELECTRICAL ROOM TRANSF. "T-2"							
MAIN RATING (A):				120				150 A							
MAIN LUGS ONLY				208				AMPS MCB							
CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE LOADS (VA)						POLE	TRIP AMPS	DESCRIPTION	CKT NO		
				A		B		C							
(E) 43	AT-2-1	20	1	100	900						1	20	LIGHTING LOAD	44	(E)
(E) 45	RECEPTACLES	20													

PANEL (EXISTING) L1 SECTION I											
VOLTAGE (L-N): 120				ENCLOSURE TYPE: SQUARE D				MOUNTING: SURFACE			
VOLTAGE (L-L): 208				MOUNTING: SURFACE				MOUNTING: SURFACE			
PHASES, WIRES: 3 φ 4 W				AIC RATING (A): 0				AIC RATING (A): 0			
MAIN BUS RATING (A): 225 A				FED FROM: TRANSFORMER "L2"				FED FROM: TRANSFORMER "L2"			
MAIN RATING (A): 150 A AMPS				FED FROM: TRANSFORMER "L2"				FED FROM: TRANSFORMER "L2"			
CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE LOADS (VA)				POLE	TRIP AMPS	DESCRIPTION	CKT NO
				A	B	C					
(E) 1	RECEPTACLES	20	1	900	900			1	20	RECEPTACLES	2
(E) 3	RECEPTACLES	20	1		1080	1080		1	20	RECEPTACLES	4
(E) 5	RECEPTACLES	20	1			720	900	1	20	RECEPTACLES	6
(E) 7	RECEPTACLES	20	1	720	900			1	20	RECEPTACLES	8
(E) 9	RECEPTACLES	20	1		900	900		1	20	RECEPTACLES	10
(E) 11	RECEPTACLES	20	1			1080	1080	1	20	RECEPTACLES	12
(E) 13	RECEPTACLES	20	1	900	1080			1	20	RECEPTACLES	14
(E) 15	RECEPTACLES	20	1		900	900		1	20	RECEPTACLES	16
(E) 17	RECEPTACLES	20	1			900	900	1	20	RECEPTACLES	18
(N) 19	RECEPTACLES	20	1	1080	900			1	20	RECEPTACLES	20
(N) 21	RECEPTACLES	20	1		1620	900		1	20	RECEPTACLES	22
(E) 23	RECEPTACLES	20	1			900	900	1	20	RECEPTACLES	24
(E) 25	RECEPTACLES	20	1	900	900			1	20	RECEPTACLES	26
(E) 27	RECEPTACLES	20	1		1080	540		1	20	RECEPTACLES	28
(E) 29	RECEPTACLES	20	1			900	720	1	20	RECEPTACLES	30
(E) 31	RECEPTACLES	20	1	540	720			1	20	RECEPTACLES	32
(E) 33	RECEPTACLES	20	1		900	900		1	20	RECEPTACLES	34
(E) 35	RECEPTACLES	20	1			900	900	1	20	RECEPTACLES	36
(E) 37	RECEPTACLES	20	1	900	900			1	20	RECEPTACLES	38
(E) 39	RECEPTACLES	20	1		900	900		1	20	RECEPTACLES	40
(E) 41	RECEPTACLES	20	1			900	900	1	20	RECEPTACLES	42
				CONNECTED LOAD PHASE TOTALS (VA)							
				11880	13320	12600					
				TOTAL LOAD (VA):		37800	TOTAL (AMPS):		141.3 AMP		
CONNECT LOAD:				37800 VA							
DEMAND LOAD:				23900 VA / 66.3 AMP							

(E) EXISTING CONNECT LOAD  
(N) NEW CONNECT LOAD

PANEL (EXISTING) L1 SECTION II											
VOLTAGE (L-N): 120				ENCLOSURE TYPE: SQUARE D				MOUNTING: SURFACE			
VOLTAGE (L-L): 208				MOUNTING: SURFACE				MOUNTING: SURFACE			
PHASES, WIRES: 3 φ 4 W				AIC RATING (A): 0				AIC RATING (A): 0			
MAIN BUS RATING (A): 225 A				FED FROM: TRANSFORMER "L2"				FED FROM: TRANSFORMER "L2"			
MAIN RATING (A): 150 A AMPS				FED FROM: TRANSFORMER "L2"				FED FROM: TRANSFORMER "L2"			
CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE LOADS (VA)				POLE	TRIP AMPS	DESCRIPTION	CKT NO
				A	B	C					
(E) 43	RECEPTACLES	20	1	900	540			1	20	RECEPTACLES	44
(E) 45	AT	20	1		800	540		1	20	RECEPTACLES	46
(E) 47	AT	20	1			800	500	1	20	LIGHTING HIT-HOTS COUNTER	48
(E) 49	FCU-2	20	1	500	550			1	20	LIGHTING ELEVATOR	50
(E) 51	SCREEN	20	1		500	800		1	20	ITB ELECT ROOM	52
(E) 53	A/C CONTROL	20	1			500	540	1	20	RECEPTACLES	54
(E) 55	FWC	20	1	500	720			1	20	RECEPTACLES	56
(E) 57	EXISTING LOAD	20	1		540	720		1	20	RECEPTACLES	58
(E) 59	EXISTING LOAD	20	1			720	540	1	20	RECEPTACLES	60
(E) 61	RECEPTACLES	20	1	720	720			1	20	RECEPTACLES	62
(E) 63	RECEPTACLES	20	1		720	540		1	20	RECEPTACLES	64
(E) 65	RECEPTACLES	20	1			720	720	1	20	EXISTING LOAD	66
(E) 67	NORTH ELEV LOBBY LIGHT	20	1	600	1080			1	20	FRONT DOOR	68
(E) 69	SOUTH ELEV LOBBY LIGHT	20	1		800	450		1	20	LIGHTING	70
(N) 71	MODULAR FURNITURE	20	1			720	540	1	20	RECEPTACLES	72
(N) 73	KITCHEN	20	1	540	540			1	20	RECEPTACLES	74
(E) 75	SOUND TERMINAL CABINET	20	1		720	720		1	20	RECEPTACLES	76
(E) 77	EXISTING LOAD	20	1			540	XX	1	20	STREET	78
(N) 79	MODULAR FURNITURE	20	1	720	1080			1	20	SIGN	80
(N) 81	MODULAR FURNITURE	20	1		720	720		1	20	RECEPTACLES ELEV PIT	82
(N) 83	MODULAR FURNITURE	20	1			720	550	1	20	LIGHTING ELEV PIT	84
				CONNECTED LOAD PHASE TOTALS (VA)							
				9710	9290	8110					
				TOTAL LOAD (VA):		27110	TOTAL (AMPS):		75 AMP		
CONNECT LOAD:				27110 VA							
DEMAND LOAD:				27110 VA / 75 AMP							

(E) EXISTING CONNECT LOAD  
(N) NEW CONNECT LOAD



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CONSULTANT IN CHARGE

SUBMITTALS: PHASE DATE

PERMIT SET 11.23.15

BID SET 01.18.16

REVISIONS: NO. DESCRIPTION DATE

PROJECT TEAM

PROFESSIONAL IN CHARGE

JOSE LUIS DIAZ TEJERA P.E.

REGISTRATION NUMBER 76971

DRAWN BY JALRW

CHECKED BY JALRW



CITY OF HALLANDALE BEACH

CITY HALL RENOVATIONS

400 SOUTH FEDERAL HIGHWAY, HALLANDALE BEACH, FL 33009

PROJECT NAME

ELECTRICAL PANELS

SHEET TITLE



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15-015 G02  
PROJECT NUMBER

E-602

SHEET NUMBER

TO THE BEST OF MY KNOWLEDGE AND ABILITY THESE PLANS ARE COMPLETE AND COMPLY WITH THE APPLICABLE BUILDING CODES.

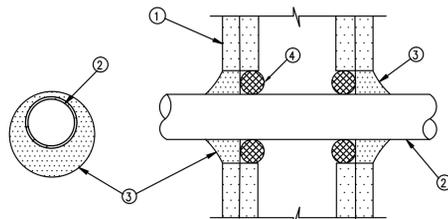
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1/25/2016 12:02 PM F:\15029\15029.01\_SHEETS\E-602.dwg Castro, Robert



W-L-1097

1 OR 2 HOUR FIRE RATED THROUGH PENETRATION FIRESTOP FOR SINGLE METAL PIPE THROUGH GYPSUM WALLS USING TREMCO FYRE-SHIELD F-RATING = 1 AND 2 HR. T-RATING = 0 HR.

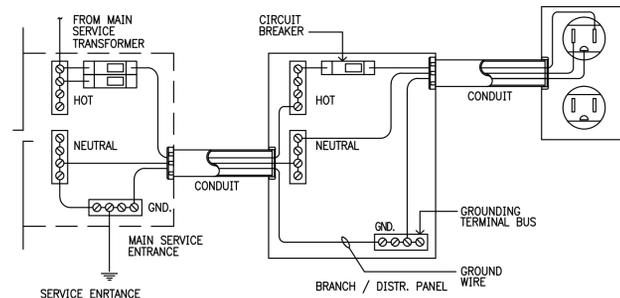


- ① PRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY
- ② METALLIC PIPE - A) STEEL PIPE - 8" DIAM. (OR SMALLER) SCH. 40 (OR HEAVIER) STEEL PIPE. B) IRON PIPE - 8" DIAM. (OR SMALLER) CAST OR DUCTILE IRON PIPE. C) CONDUIT - 4" DIAM. (OR SMALLER) EMT OR RIGID STEEL CONDUIT. D) COPPER TUBING - 4" DIAM. (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING. E) COPPER PIPE - 4" DIAM. (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE. THE ANNULAR SPACE SHALL BE MIN. 1/4" TO MAX. 5/8" WITHIN THE FIRESTOP SYSTEM.
- ③ FYRE-SHIELD - MIN. 1/2" THICKNESS OF SEALANT APPLIED WITHIN OPENING. ADDITIONAL SEALANT TO BE INSTALLED SUCH THAT A MIN. 1/4" CROWN IS FORMED AROUND THE PENETRATING ITEM.
- ④ PACKING MATERIAL PER UL AND MANUFACTURER'S RECOMMENDATION

NOTE: REFER TO ABOVE LATEST UL DIRECTORY LISTED ASSEMBLY NUMBER FOR ADDITIONAL REQUIREMENTS.

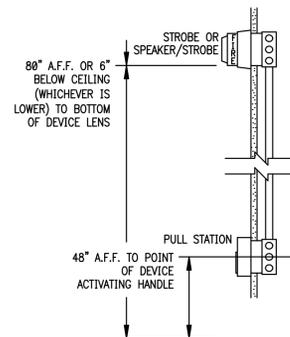
**FIRE BARRIER DETAILS**

N.T.S.



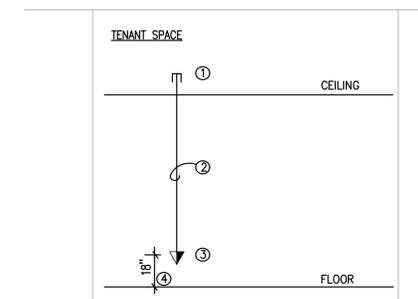
**CONDUIT GROUND SCHEMATIC**

N.T.S.



**TYP. FIRE ALARM DEVICES MOUNTING HEIGHT**

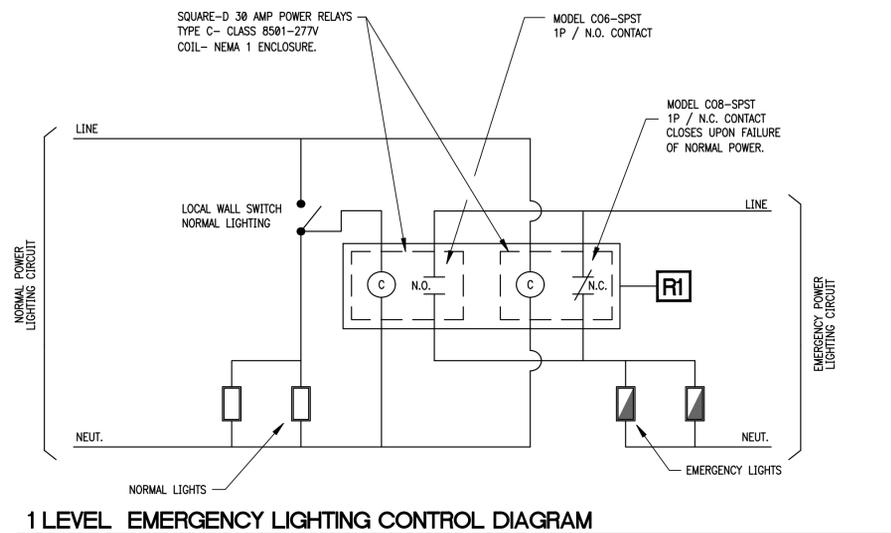
N.T.S.



- ① BUSHING ON STUB-UP (STUB-UP 6" ABOVE CEILING)
- ② 1" EMT RECESSED IN WALL
- ③ 4"x4"x 2 1/8" BOX WITH ONE GANG MJD RING (1/4" RAISED) PROVIDE ONE BLANK WALL PLATE - WALL PLATE COLOR TO MATCH WITH OTHER WALL PLATES.
- ④ HEIGHT UNLESS NOTED OTHERWISE.

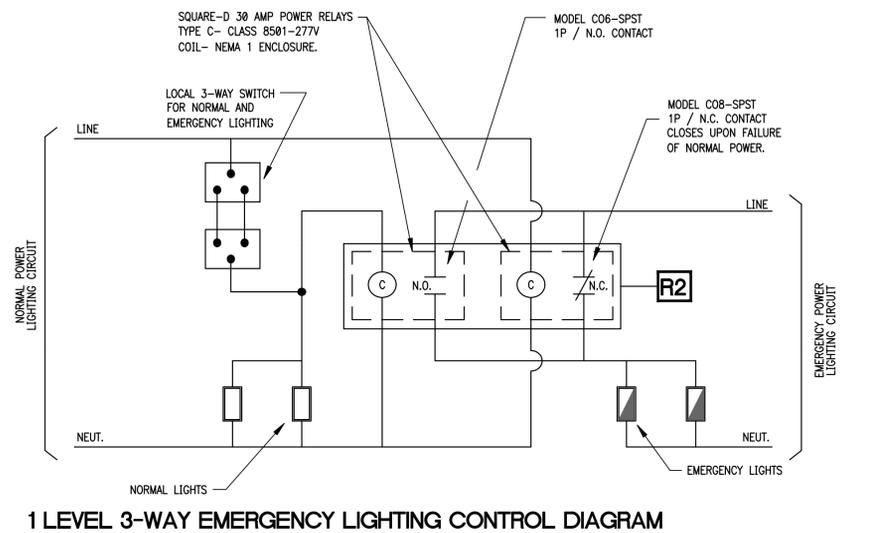
**COMMUNICATIONS RISER DIAGRAM**

N.T.S.



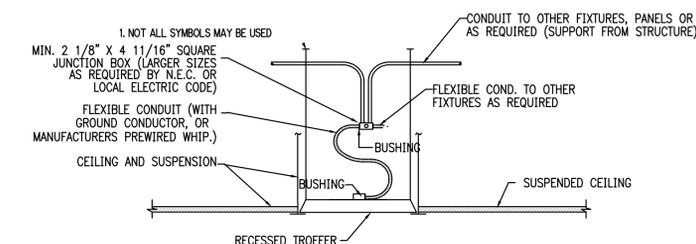
**1 LEVEL EMERGENCY LIGHTING CONTROL DIAGRAM**

N.T.S.



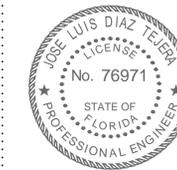
**1 LEVEL 3-WAY EMERGENCY LIGHTING CONTROL DIAGRAM**

N.T.S.



**TYPICAL RECESSED TROFFER FIXTURE DETAIL**

N.T.S.



CONSULTANT IN CHARGE  
**SUBMITTALS:**  
 PHASE DATE  
 PERMIT SET 11.23.15  
 BID SET 01.18.16

**REVISIONS:**  
 NO. DESCRIPTION DATE

PROJECT TEAM  
 PROFESSIONAL IN CHARGE  
 JOSE LUIS DIAZ TEJERA P.E.  
 REGISTRATION NUMBER 76971

DRAWN BY JALRW  
 CHECKED BY JALRW



CITY OF  
**HALLANDALE BEACH**  
 CITY HALL RENOVATIONS  
 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH, FL 33009  
 PROJECT NAME

**ELECTRICAL DETAILS**

SHEET TITLE



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15-015 G02  
 PROJECT NUMBER

**E-701**

SHEET NUMBER

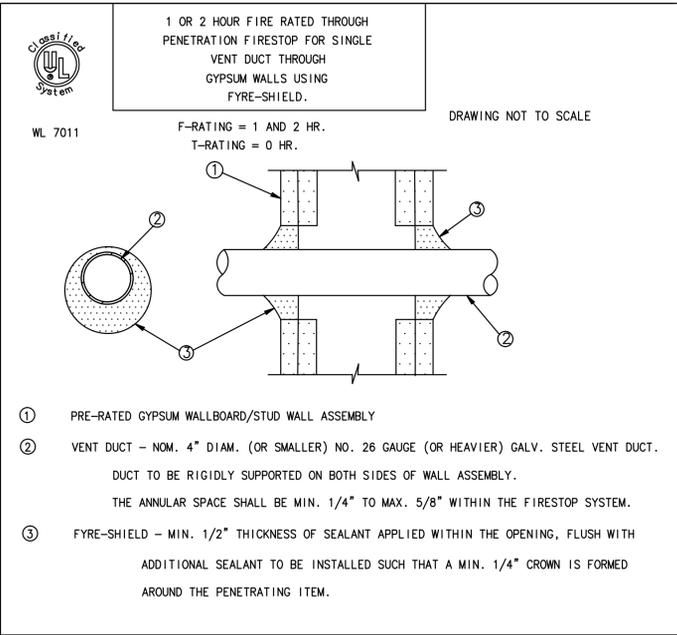
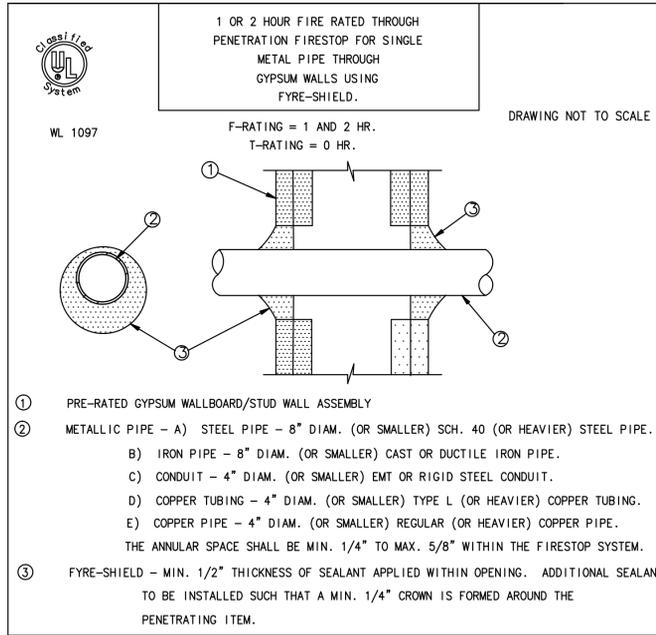
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**01 ELECTRICAL DETAILS**

SCALE: NTS

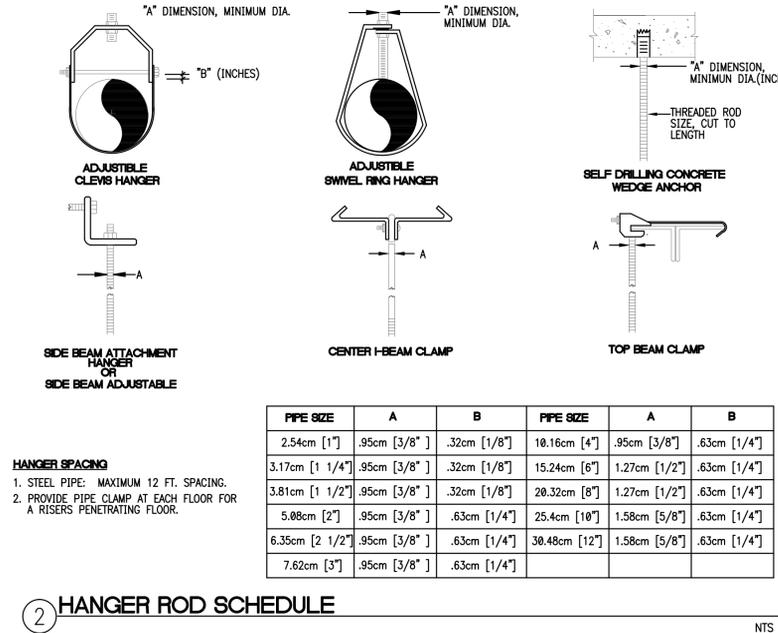
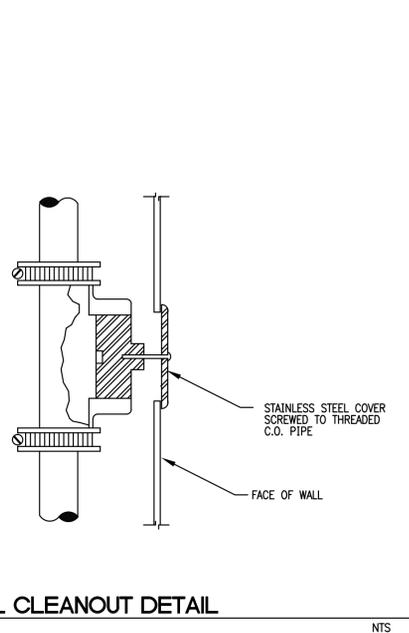
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PLUMBING SYMBOL LEGEND	
SYMBOL	DESCRIPTION
—	SANITARY/WASTE LINE ABOVE SLAB
---	EXISTING UNDER SLAB SANITARY LINE
---	UNDER SLAB SANITARY LINE
---	VENT LINE
---	EXISTING VENT LINE
---	EXISTING COLD WATER LINE
---	EXISTING HOT WATER LINE
---	COLD WATER LINE
---	HOT WATER LINE
— D —	DRAIN LINE
— R —	T & P RELIEF DRAIN LINE
CO -	CLEAN OUT
FCO -	FLOOR CLEAN OUT
⊥	WATER HAMMER ARRESTER (WHA)
⊕	CONNECT TO EXISTING

- ### PLUMBING NOTES
- ALL PLUMBING SHALL BE DONE IN ACCORDANCE WITH THE 2014 FLORIDA PLUMBING CODE, STATE AND LOCAL ORDINANCES.
  - PLUMBING CONTRACTOR SHALL VERIFY ALL SPACE CONDITIONS AND DIMENSIONS AT JOB SITE PRIOR TO FABRICATION AND INSTALLATION OF MATERIALS AND EQUIPMENT.
  - COORDINATE WORK WITH OTHER TRADES.
  - FURNISH AND INSTALL FIXTURES AS SPECIFIED IN FIXTURE SCHEDULE THIS DRAWING.
  - EACH PLUMBING FIXTURE SHALL BE PROVIDED WITH AIR CHAMBERS OR SHOCK ABSORBERS PER FLORIDA BUILDING CODE.
  - PROVIDE SHUT-OFF VALVE FOR EACH FIXTURE TO COMPLY TO FBC 606.1(4)
  - FOR WATER AND SEWER SIZING SEE RISER DIAGRAMS AND FLOOR PLANS.
  - HOT WATER AND DRAIN EXPOSED UNDER SINKS/LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURATED SO AS TO PROTECT AGAINST CONTACT.
  - PROVIDE PIPING AS FOLLOW:
    - DOMESTIC COLD PIPING COPPER TUBE TYPE "K" (UNDER GROUND) OR "L" (ABOVE GROUND) WITH SOLDER JOINTS, LEAD FREE SOLDER.
    - SANITARY WASTE AND VENT (ABOVE GROUND), NO-HUB CAST IRON PIPING.
    - SANITARY WASTE AND VENT (UNDERGROUND): PVC PIPE, SOLID-WALL DRAIN WASTE, AND VENT. PVC SOCKETS FITTINGS: SOCKET TYPE, DRAIN, WASTE, AND VENT PATTERNS.
  - COLD AND HOT WATER PIPING INSULATION: 3/4" THICK FIBERGLASS PIPING INSULATION W/PVC CORNER JACKETS.
  - DRAIN, TRAPS, CLEANOUTS AND SPECIALTIES:
    - INTERIOR FLOOR CLEAN OUTS, JOSAM 30000 OR EQUAL, NIKALLOY COVER.
    - EXTERIOR CLEANOUTS, JR SMITH 4231 OR EQUAL.
    - WALL CLEANOUT: CAST IRON "T" BRANCH WITH BRASS COUNTERSUNK PLUG, C.B. ACCESS COVER WITH SATIN CHROME PLATED TOP, JOSAM 58540W/58600 OR EQUAL.
  - WHEREVER DISSIMILAR METALS ARE TO BE JOINED, A DIELECTRIC FITTING SHALL BE PROVIDED TO CONNECT BOTH TYPES OF PIPES.

PLUMBING FIXTURE SCHEDULE					
NO.	DESCRIPTION	DRAIN	CW	HW	MANUFACTURER / MODEL
S-1	SINK	1-1/2"	1/2"	1/2"	FIXT: KOHLER PORTOFINO BAR SINK K-6565 FAUCET: CHICAGO 786-E3-245CP, GN2A-E3-317, DRAIN-LK-18,1 1/2" 17 GA. P.TRAP W/C.O. PLUG



MAXIMUM FLOW RATES AND CONSUMPTION FOR PLUMBING FIXTURES AND FITTINGS	
F.B.C. TABLE 604.4	
PLUMBING FIXTURE OR FIXTURE FITTING	MAXIMUM FLOW RATE OR QUANTITY(a)
SINK FAUCET	2.2 GPM AT 60 PSI

(a) CONSUMPTION TOLERANCES SHALL BE DETERMINED FROM REFERENCED STANDARDS.

# 01 PLUMBING GENERAL NOTES, LEGEND, SCHEDULES AND DETAILS

SCALE : NTS

**JALRW**  
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STATE OF FLORIDA - CERTIFICATE OF AUTHORIZATION #0000

CONSULTANT IN CHARGE  
**SUBMITTALS:**  
PHASE: DATE  
PERMIT SET: 11.23.15  
BID SET: 01.18.16

REVISIONS:  
NO. DESCRIPTION DATE  
1. BLDG DEPT COMMENTS 01.07.16

PROJECT TEAM  
PROFESSIONAL IN CHARGE  
HORACIO A. RODRIGUEZ, P.E.  
REGISTRATION NUMBER: 56198

DRAWN BY: JALRW  
CHECKED BY: JALRW

CITY OF HALLANDALE BEACH  
CITY HALL RENOVATIONS  
400 SOUTH FEDERAL HIGHWAY,  
HALLANDALE BEACH, FL 33009  
PROJECT NAME

PLUMBING GENERAL NOTES, LEGEND, SCHEDULES AND DETAILS  
SHEET TITLE

associates, inc.  
architecture • engineering  
roofing • consulting  
construction management

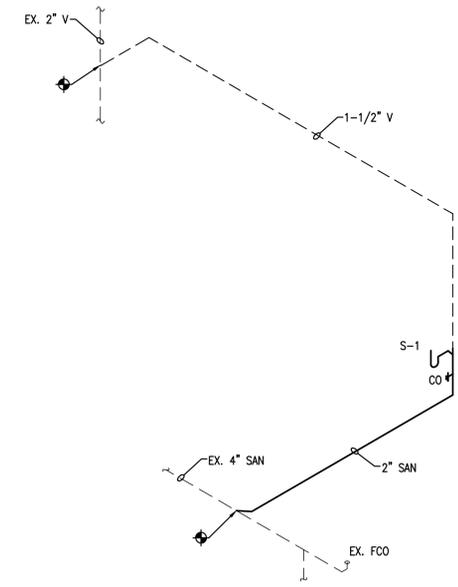
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15-015 G02  
PROJECT NUMBER  
**P-001**  
SHEET NUMBER

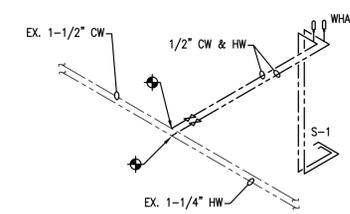
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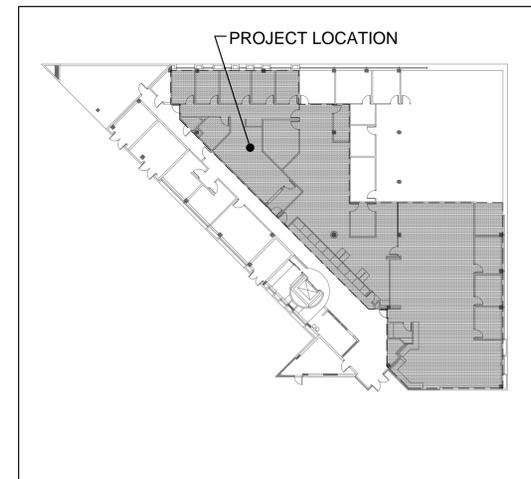
- KEY NOTES**
- 1 EXISTING SANITARY WASTE BELOW SLAB.
  - 2 EXISTING DOMESTIC HOT WATER PIPE IN CEILING.
  - 3 EXISTING DOMESTIC COLD WATER PIPING IN CEILING.
  - 4 EXISTING VENT PIPE UP.



**SANITARY ISOMETRIC**  
NTS



**DOMESTIC WATER ISOMETRIC**  
NTS



**KEY PLAN**  
SCALE: NTS



**CONSULTANT IN CHARGE**  
**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE
1	BLDG DEPT COMMENTS	01.07.16

**PROJECT TEAM**  
PROFESSIONAL IN CHARGE  
HORACIO A. RODRIGUEZ, P.E.  
REGISTRATION NUMBER 56198

**DRAWN BY** JALRW  
**CHECKED BY** JALRW



**CITY OF HALLANDALE BEACH**  
**CITY HALL RENOVATIONS**  
400 SOUTH FEDERAL HIGHWAY,  
HALLANDALE BEACH, FL 33009

**PLUMBING FIRST FLOOR PLAN**

**SHEET TITLE**



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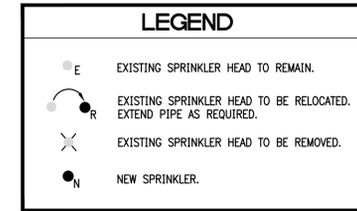
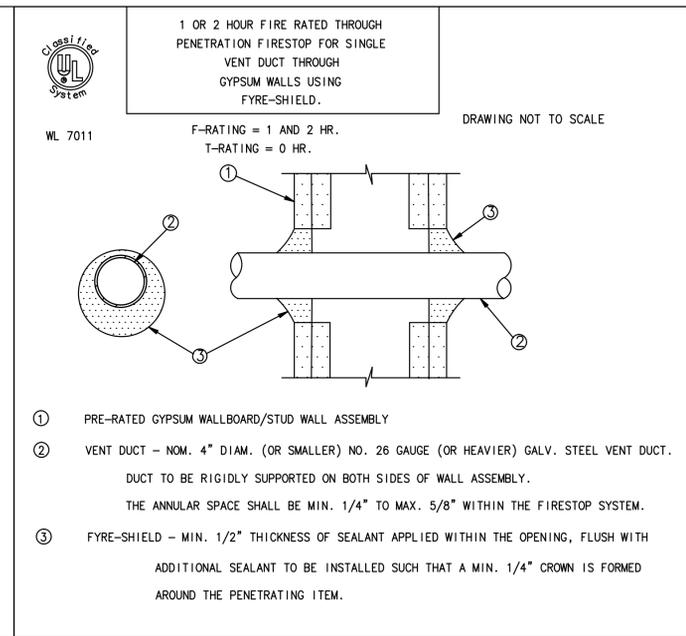
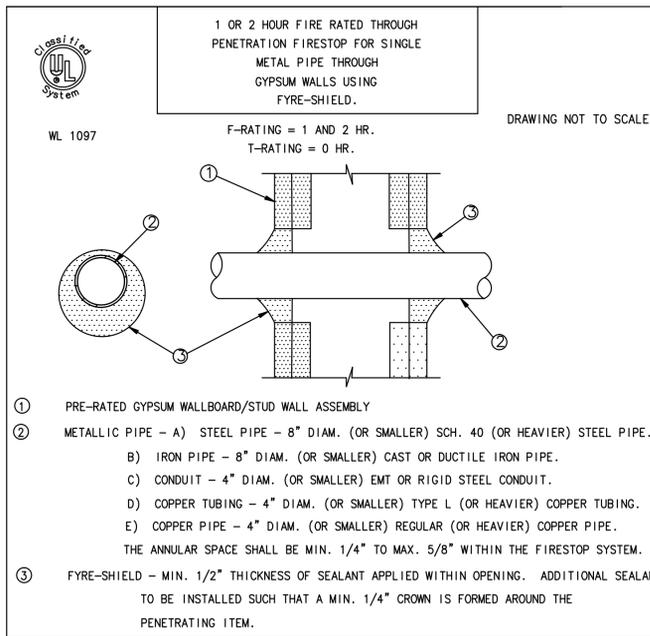
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**01 PLUMBING FIRST FLOOR PLAN**  
SCALE: 1/8" = 1' - 0"

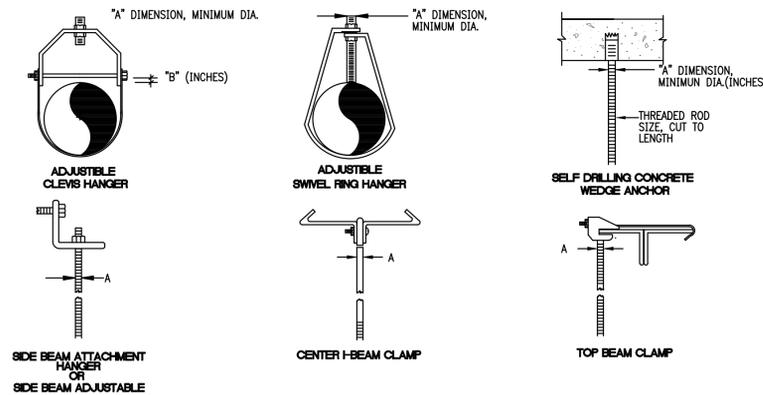
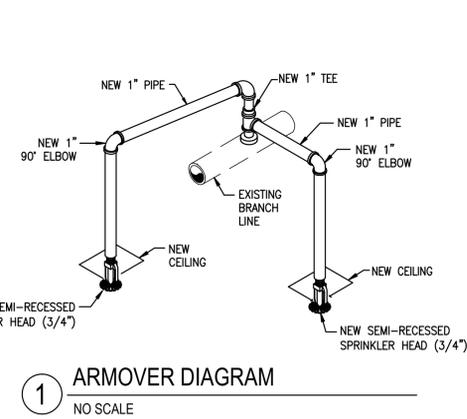
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- GENERAL SPRINKLER NOTES**
- SPRINKLER SYSTEM TO BE INSTALLED BY A CERTIFIED FIRE PROTECTION CONTRACTOR.
  - CONTRACTOR SHALL COORDINATE WITH STRUCTURE, CEILING GRID AND ELEVATION, AND OTHER MECHANICAL AND ELECTRICAL SERVICES BEFORE FABRICATING AND INSTALLING SPRINKLER PIPING. MAKE OFFSETS IN PIPING AS REQUIRED PER FIELD CONDITIONS. MAINTAIN 6" CLEARANCE BETWEEN PIPING AND 1 AND 2 HOUR RATED WALLS INCLUDING CORRIDOR WALLS.
  - ALL VALVES SHALL BE OF DOMESTIC MANUFACTURE, U.L. LISTED FOR FIRE PROTECTION SERVICE AND RATED FOR 175 PSI WORKING PRESSURE. PROVIDE U.L. LISTED/ FM APPROVED TAMPER SWITCHES AT CONTROL VALVE LOCATIONS. PROVIDE U.L. LISTED/ FM APPROVED FLOW SWITCHES, WHERE SHOWN, AT CONTROL VALVE LOCATIONS.
  - SPRINKLER HEADS SHALL BE U.L. LISTED AND FM APPROVED FOR 175 PSI WORKING PRESSURE, AND PROVIDED IN ACCORDANCE WITH SCHEDULE SHOWN ON THIS SHEET.
  - CONTRACTOR SHALL PROVIDE FLUSHING CONNECTIONS WHERE SHOWN ON PLANS. PROVIDE A DRAIN CONNECTION FOR ALL TRAPPED SECTION OF PIPING.
  - SPRINKLER HEADS SHALL BE A MINIMUM OF 18"[45.7cm] ABOVE ANY OBSTRUCTION, SHELVES OR CABINETS.
  - ALL FIRE SPRINKLER WORK SHALL BE DONE IN ACCORDANCE WITH THE NFPA 13.
  - EXISTING SPRINKLER HEADS AND PIPING ROUTING IS SHOWN FOR CLARITY. ALL SPRINKLER HEADS ARE SHOWN AS AN AID TO CONTRACTOR. VERIFY EXACT SIZE AND LOCATION AT JOBSITE. RELOCATE EXISTING PIPING AS NEEDED TO ACCOMMODATE NEW PARTITIONS, CEILING, LIGHTS, DUCTS AND DIFFUSERS. COORDINATE IN FIELD WITH ALL OTHER TRADES.
  - CONTRACTOR SHALL COORDINATE ALL HIS WORK WITH OTHER TRADES IN ORDER TO AVOID CONFLICTS BETWEEN DIFFERENT SYSTEMS INSTALLED.
  - ALL SPRINKLER HEADS SHALL BE INSTALLED IN A PROFESSIONAL FASHION, CENTER OF TILE AND SHALL BE RUN IN STRAIGHT, PARALLEL AND PERPENDICULAR LINES.
  - FIRE PROTECTION PIPING SHALL BE U.L. LISTED THREADABLE ALLIED XL OR BLACK STEEL PIPE, SCHEDULE 10 ASTM 135 WITH GROOVED FITTING AND/OR CAST IRON FITTINGS. ALL MATERIALS SHALL BE U.L. LISTED.
  - SHOP DRAWINGS SHALL BE SUBMITTED TO INDICATE CONFORMANCE WITH CODE AND THE CONSTRUCTION DOCUMENTS AND SHALL BE APPROVED PRIOR TO THE START OF THE SYSTEM INSTALLATION.

**DEMOLITION NOTE**

ONLY THE SPRINKLER HEADS SHALL BE REMOVED, THE NEW SPRINKLER HEADS SHALL BE CONNECTED TO THE EXISTING PIPING. ANY WORK OR MATERIAL NOT SHOWN ON THE DRAWINGS OR SPECIFICALLY NOT MENTIONED IN THE SPECIFICATIONS BUT CONSIDERED NECESSARY FOR THE COMPLETION OF THE WORK IN PROPER MANNER SHALL BE PROVIDED BY THE CONTRACTOR WITHOUT ADDITIONAL CHARGE.



PIPE SIZE	A	B	PIPE SIZE	A	B
2.54cm [1"]	.95cm [3/8"]	.32cm [1/8"]	10.16cm [4"]	.95cm [3/8"]	.63cm [1/4"]
3.17cm [1 1/4"]	.95cm [3/8"]	.32cm [1/8"]	15.24cm [6"]	1.27cm [1/2"]	.63cm [1/4"]
3.81cm [1 1/2"]	.95cm [3/8"]	.32cm [1/8"]	20.32cm [8"]	1.27cm [1/2"]	.63cm [1/4"]
5.08cm [2"]	.95cm [3/8"]	.63cm [1/4"]	25.4cm [10"]	1.58cm [5/8"]	.63cm [1/4"]
6.35cm [2 1/2"]	.95cm [3/8"]	.63cm [1/4"]	30.48cm [12"]	1.58cm [5/8"]	.63cm [1/4"]
7.62cm [3"]	.95cm [3/8"]	.63cm [1/4"]			

**FIRE SPRINKLER HEAD SCHEDULE**

MARK SYMBOL	AREA SERVED	ORIFICE SIZE	TEMPERATURE RATING	CONFIGURATION	MANUFACTURER AND MODEL	REMARKS
●	AREAS W/CLG.	1/2" K=5.6	155F/68°C	PENDENT HEAD QUICK RESPONSE STANDARD SPRAY 10'x13'	CENTRAL-TYCO, SERIE RFI1 MODEL 3551	CONSULT ARCH FOR FINISH
▶	SIDE WALL	1/2" K=5.6	155F/68°C	HORIZONTAL SIDEWALL QUICK RESPONSE STANDARD COVERAGE	TYCO- FRB (TY3131)	CONSULT ARCH FOR FINISH

**HAZARD CLASIFICATION NOTES**

**1. HAZARD CLARIFICATION DESIGN CRITERIA**

ENTIRE SPRINKLER SYSTEM SHALL BE HYDRAULICALLY TO MEET FOLLOWING CRITERIA:

- LIGHT HAZARD OCCUPANCY, OFFICE AREAS. DENSITY 0.10 GPM PER SQ. FT. OVER MOST HYDRAULICALLY REMOTE AREA MAXIMUM COVERAGE PER SPRINKLER HEAD 225 SQ. FT. 100 GPM HOSE ALLOWANCE.
- ORDINARY 1 HAZARD OCCUPANCY - RESTAURANT SERVICE AREA. DENSITY 0.15 GPM PER SQ. FT. OVER MOST HYDRAULICALLY REMOTE AREA MAXIMUM COVERAGE PER SPRINKLER RESTAURANT SERVICE AREA 130 SQ. FT. GARAGE 256 SQ. FT., 250 GPM HOSE ALLOWANCE.

**2 HANGER ROD SCHEDULE**  
NTS

**01 FIRE PROTECTION GENERAL NOTES, LEGEND AND SCHEDULES**  
SCALE : NTS



CONSULTANT IN CHARGE  
SUBMITTALS:  
PHASE DATE  
PERMIT SET 11.23.15  
BID SET 01.18.16

REVISIONS:  
NO. DESCRIPTION DATE

PROJECT TEAM  
PROFESSIONAL IN CHARGE  
HORACIO A. RODRIGUEZ, P.E.  
REGISTRATION NUMBER 56198

DRAWN BY JALRW  
CHECKED BY JALRW



CITY OF HALLANDALE BEACH  
CITY HALL RENOVATIONS  
400 SOUTH FEDERAL HIGHWAY, HALLANDALE BEACH, FL 33009

FIRE PROTECTION GENERAL NOTES, LEGEND AND SCHEDULES

SHEET TITLE



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2937 W. Cypress Creek Rd., Suite 200  
Fort Lauderdale, Florida 33309  
Tel: 954.484.4000 • Fax: 954.484.5588  
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15-015 G02  
PROJECT NUMBER

**F-001**

SHEET NUMBER

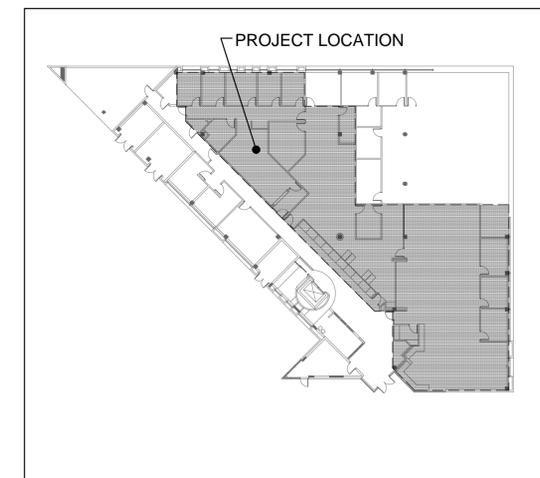
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**01 FIRE PROTECTION FIRST FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"



**KEY PLAN**  
 SCALE: NTS



CONSULTANT IN CHARGE

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT TEAM  
 PROFESSIONAL IN CHARGE  
 HORACIO A. RODRIGUEZ, P.E.  
 REGISTRATION NUMBER 56198

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CITY OF  
 HALLANDALE BEACH

CITY HALL RENOVATIONS  
 400 SOUTH FEDERAL HIGHWAY,  
 HALLANDALE BEACH, FL 33009

**FIRE PROTECTION  
 FIRST FLOOR PLAN**

SHEET TITLE

**ACA I**  
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 architecture • engineering  
 roofing • consulting  
 construction management

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15-015 G02  
 PROJECT NUMBER

**F-201**

SHEET NUMBER

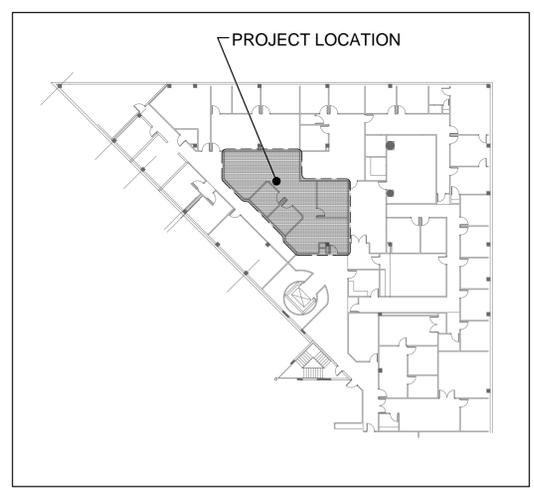
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**01 FIRE PROTECTION SECOND FLOOR PLAN**  
 SCALE: 1/8" = 1' - 0"



**KEY PLAN**  
 SCALE: NTS



**CONSULTANT IN CHARGE**  
**SUBMITTALS:**

PHASE	DATE
PERMIT SET	11.23.15
BID SET	01.18.16

**REVISIONS:**

NO.	DESCRIPTION	DATE

**PROJECT TEAM**  
**PROFESSIONAL IN CHARGE**  
 HORACIO A. RODRIGUEZ, P.E.  
 REGISTRATION NUMBER: 56198

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**FIRE PROTECTION SECOND FLOOR PLAN**

**SHEET TITLE**



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15-015 G02  
**PROJECT NUMBER**  
**F-202**

**SHEET NUMBER**  
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