GENERAL NOTES - LIFE SAFETY PLAN:

1. This plan is prepared in accordance with the Code requirements and regulations of all governmental agencies having jurisdiction at the project location.
2. This plan is based on the Fire Code, the Building Code, the Florida Fire Prevention Code, the Florida Building Code, and the Americans with Disabilities Act of 1990.
3. Improper installation, alteration, damage, or removal of any fire protection system or device or any such system or device that has been damaged by a fire constitutes a violation of this plan.
4. This plan is effective for a period of five years from the date of approval.
5. This plan is subject to revision at any time upon the written request of the governmental agencies having jurisdiction.
6. Any deviation from this plan must be approved in writing by the governmental agencies having jurisdiction.

LIFE SAFETY PLAN:

PROVIDER:

Contractor shall provide and is solely responsible and liable for public and employee protection as necessary and as required.

TABLE 601

Also known as the Authority Having Jurisdiction.

PROPOSED:

All work described herein is designed and intended to comply with the most current requirements of the "Americans with Disabilities Act of 1990" and the Florida Building Code.

FL 16554

Primary: Business Group B

Refer to sheet G001 for additional information.

FL 16353.2

CLASS II OR >

Other loads: Contractor shall submit loading information for all equipment not shown on the drawings, or load on existing columns not shown on the drawings.

FL 14218

CLASS I (<= 9 SF)

FL 11159.2

2 HOUR

FL 11159.2

CLASS I (<= 9 SF)

Doug Belden

FL 16554

Primary: Business Group B

Refer to sheet G001 for additional information.

TABLE 601

Also known as the Authority Having Jurisdiction.

PROPOSED:

All work described herein is designed and intended to comply with the most current requirements of the "Americans with Disabilities Act of 1990" and the Florida Building Code.

FL 16554

Primary: Business Group B

Refer to sheet G001 for additional information.

TABLE 601

Also known as the Authority Having Jurisdiction.

PROPOSED:

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FL 16554

Primary: Business Group B

Refer to sheet G001 for additional information.

TABLE 601

Also known as the Authority Having Jurisdiction.

PROPOSED:

All work described herein is designed and intended to comply with the most current requirements of the "Americans with Disabilities Act of 1990" and the Florida Building Code.

FL 16554

Primary: Business Group B

Refer to sheet G001 for additional information.
14'-0" CLEAR
OVERHEAD
ASSEMBLY OCCUPANCY (A3)
3148 SF / 15 SF NET
= 210 OCC

BUSINESS OCCUPANCY (B)
3987 SF / 100 SF GROSS = 40 OCC.

52' - 2"
DIAGONAL LENGTH = 102' - 6"
FEC-1

FEC-2
DIAGONAL LENGTH = 161' - 0"
TRAVEL DISTANCE = 137' - 6"
EXIT 1: 40"
200 OCC.
EXIT 2: 136" 680 OCC.
EXIT 3: 34"
170 OCC.
EXIT 5:  40"
200 OCC.
EXIT 4:  34"
170 OCC.

NOTE:  30'-0" CLEAR MINIMUM AROUND
PERIMETER OF BUILDING

EXIT PATH AND DISTANCE
ILLUMINATED EXIT SIGN
Life Safety Plan
- LEGEND
(A) ASSEMBLY OCCUPANCY
(B) BUSINESS OCCUPANCY
FIRE EXTINGUISHER CABINET
FULLY RECESSED
FIRE EXTINGUISHER CABINET
SEMI-RECESSED
EGRESS PATH OF TRAVEL
FIRE HYDRANT (PER CIVIL)
1- HR RATED PARTITION
2- HR RATED PARTITION (FIRE AREA SEPARATION)
Non Separated Mixed Use Area
GENERAL ARCHITECTURAL DRAWING NOTES:

1. The intent of the Contract Documents is to include all items necessary for proper execution and completion of the Work by the Contractor. The Contract Documents are complementary, and what is required by one shall be as binding as if required by all. Performance by the Contractor shall be required only to the extent consistent with the Contract Documents and reasonably-adequate to achieve the intended results.

2. Drawings, specifications, general and supplementary conditions are essential parts of the contract. In the event of any discrepancy between drawing and figures written thereon, the figures, unless noted otherwise, shall govern over specifications, drawings and general conditions. The Contractor shall advise the Architect of any discrepancies or conflicts between Contract documents.

3. Supplementary conditions shall govern over specifications, drawings and general conditions. The Contractor shall notify the Architect immediately in the event of any discrepancy in the Contract Documents. The Architect shall request clarification of any item when necessary. The Architect, Contractor and Owner shall complete a contract, work order or other legal document when the Architect shall be sure to include all items necessary for proper execution and completion of the Work by the Contractor.

4. Notwithstanding the above, in the case of inconsistency between drawing and specifications, or adjoining or adjacent products or assembly. The Contractor shall notify the Architect immediately prior to proceeding with affected work.

5. The Architect shall be responsible for completing the Contract Documents. The Architect shall review the Contract Documents and notify the Contractor of any discrepancies or conflicts with the Contract Documents.

6. The Architect shall provide a final contract plan to ensure power, data, flooring surfaces, and any other coordination is required in order to determine the intent of the contract documents. The Contractor shall be responsible for ensuring coordination with all subcontractors.

7. The Contractor shall be responsible for ensuring coordination with all subcontractors.

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99. The Contractor shall be responsible for ensuring coordination with all subcontractors.

100. The Contractor shall be responsible for ensuring coordination with all subcontractors.
All gypsum ceilings, soffits and bulkheads are to be painted. Color as selected by Architect.

All trim kits, diffusers and returns in gypsum ceilings, soffits and bulkheads are to be painted.

PAINT UNDERSIDE OF DECK,

PC FROSTED LENS

LEGEND

8' - 10''

14

1213

11

10

11

10

5

4

4

2

10' - 0''

8' - 0''

A.F.F.

1.

All ceiling and soffit heights are given above finished floor elevation (EL. 0' shall be field verified with permit Civil drawings prior to work or proceeding with shop drawings. Coordinate wall and floor plan details with Architect for ceiling heights.

2.

Generally, only ceiling mounted or pendant ceiling fixtures will be shown on this plan and are verified locations of all ceiling access panels with MEP drawings. Coordinate locations of panels with Architect prior to installation. Access panels must match ceiling assembly fire ratings, if applicable. Paint to match ceiling in which the access panel is installed, typical. Color as selected by Architect. See fixture designations.

4.

A650

Sim

GB-01

10' - 0''

A.F.F.

6.

A650

Sim

GB-01

10' - 0''

A.F.F.

7.

A650

Sim

GB-01

10' - 0''

A.F.F.

8.

A650

Sim

GB-01

10' - 0''

A.F.F.
See General Roof Slopes Must Meet or Exceed Those Set Forth in the 5th Edition (2014). Refer to Code Summary. All flashing, trim, and accessories shall be installed per manufacturer requirements to maintain warranty and must meet Florida Building Code (FBC) requirements. If there is a conflict in meeting the required slopes for appropriate drainage, the contractor shall notify the architect immediately.

1. All flashing, trim, accessories, gutters, and downspouts must be installed according to manufacturer specifications and meet Florida allowable area (FL A) and Florida Building Code (FBC) requirements.

2. All tilt panel wall elevations shall be to the top of tilt panel, installed within or on the roof.

3. Provide blocking as required to bridge concrete area E = 2,845 SF.

4. Furnish and install roof walkway pads in walkway pads to access and service all rooftop penetrations per manufacturer's specifications.

5. Curb's perimeter shall be 6" above grade. Direct water away and piping in place.

6. Provide hose bib 12" above roof surface. Install and provide blocking as required to hold hose bib and piping in place.

7. SBS 2-ply modified bitumen roof system by Johns Manville with white cap sheet 3 ISO insulation board (Johns Manville A451) to meet or exceed wind load criteria.


9. Roof drainage calculations:

- Primary drainage calculations using SMACNA and 100 year intensity (0.1) area area req. solution:
  - Area A = 2,942 SF
  - Intensity = 10.8 IN / HR
  - Solution = 1,774 S.F.
  - Length = 30 FT.
  - Width = 9" x 7".

- Gutter calculations:
  - Rain intensity = 7.0 IN / HR
  - Area = 2,942 SF
  - Flow rate = 1,774 S.F.
  - Length = 30 FT.
  - Width = 9" x 7".

- Roof hatch 3'-0" x 3'-0" frame opening shall be a minimum size of 2'-0" x 2'-0" frame opening.

- All roof hatch frames shall be a minimum of 2'-0" x 2'-0" x 8" thick frame opening.

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- All roof hatch frames shall be a minimum of 2'-0" x 2'-0" x 8" thick frame opening.
GENERAL NOTES: EXTERIOR ELEVATIONS

1. REFER TO SHEET A-9 FOR WINDOW TYPES AND GLAZING SCHEDULE.
2. COVERS IN YELLOWS shall be painted with latex PASTEL PLUS COLORS  as selected by Architect.

KEYNOTES: EXTERIOR ELEVATIONS

1. IMPACT RESISTANT ALUMINUM SLIDING DOOR ENTRANCE SYSTEM WITH BREAKAWAY FEATURE.
2. PAINT STEEL STRUCTURE INCLUDING UNDERSIDE OF METAL DECK INCLUDING EXPOSED CONDUITS – COLOR AS SELECTED BY ARCHITECT.
3. STANDING SEAM METAL ROOFING SYSTEM WITH KYNAR 500 FINISH. COLOR AS SELECTED BY ARCHITECT.
4. IMPACT RESISTANT HOLLOW METAL DOOR AND FRAME – PAINTED.
5. 24 GAUGE PREFINISHED STEEL, TRUUNITY EXECUTIVE SERIES AND ALUMINUM EXTERIOR Fenestration System as directed by Architect.
6. CONCRETE SPLASH BLOCK AT EACH DOWNSPOUT LOCATION.
7. NOT USED.
8. "TAX COLLECTOR" INTEGRAL FORMED LETTERING RECESSED IN CONCRETE PANEL. FONT AND SIZE AS DIRECTED BY THE OWNER.
9. INTEGRAL FORMED CONCRETE REVEAL; REFER TO DETAILS ON SHEET A-451.
10. EXTERIOR FORMED CONCRETE BULLNOS, REFER TO DETAILS ON SHEET A-450.
Hillsborough County Tax Collector
Southshore Office

410 30th Street SE
Ruskin, Florida 33570

ARCHITECT    l   DESIGN    l   PLANNING

BFrank Studio, LLC
4836 West Gandy Blvd
Tampa, Florida 33611

www.bfrankstudio.com

CONSTRUCTION MANAGER
Manhattan Construction Company
410 30th Street SE
Tampa, Florida 33611

www.manhattanconstructiongroup.com

OWNER
Hillsborough County Tax Collector
601 E. Kennedy Blvd., 14th Floor
Tampa, FL 33602

ARCHITECT
BFrank Studio, LLC
4836 West Gandy Blvd
Tampa, Florida 33611

www.bfrankstudio.com

PROJECT MANAGER
Steve Carpenter
1813.769.9378

CONSTRUCTION MANAGER
Manhattan Construction Company
410 30th Street SE
Tampa, Florida 33611

www.manhattanconstructiongroup.com

STRUCTURAL ENGINEER
Adams Engineers and Consultants, Inc.
5507 E. Busch Blvd.
Tampa, Florida 33617

MEPF ENGINEER
3060 South Dale Mabry Highway
Tampa, FL 33629
813.831.8599

DATE:   02/28/2019

PROJECT NO:  (2017-0009)

DRAWING TITLE:  Building Sections

DRAWING TITLE:  CONFORMED SET

SCALE:  1/8" = 1'-0"
A13 Wall Section - North Wall @ Grid H

A10 Wall Section - West Wall, South of Grid D

A7 Wall Section - East Wall, South of Grid D

A5 Wall Section - West Wall, South of Grid D

A1 Wall Section - East Wall, South of Grid F
1. THE "GAP" BETWEEN EAVE FLASHING AND PANEL (SEE DETAIL ABOVE) CAN BE INCREASED TO ALLOW FOR LINEAR EXPANSION AND CONTRACTION OF PANELS.

2. GAP BETWEEN EAVE FLASHING AND PANEL MUST BE ADJUSTED TO SUIT TEMPERATURE DURING INSTALLATION.

3. SOLID SHEATHING TO BE MINIMUM 1/2" PLYWOOD OR EQUAL IN STRENGTH FOR HOLDING POWER OF FASTENERS - MUST BE APPROVED BY MFR FOR WARRANTY AND NOA.

1. FIELD CUT LAST PANEL AROUND DRIP FLASHING. PANEL MUST BE CONTINUOUS DRIP FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS FIELD CURVE DRIP

2. SOLID SHEATING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER TO FASTENERS.

3. ALL UNDERLAYMENT, CAULKING AND FASTENERS ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.

1. CONT. CAULK AT REGLET

2. FASTENERS 36" O.C.

3. CONTINUOUS ZEE-LOCK PANEL

4. TOP LAYER OF FELT TO BE SUB-FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS

FLASHING WITH CRIMPER

1. CONTINUOUS ZEE-RIB AND VINYL FACTORY APPLIED EXTRUDED VINYL WEATHERSEAL WITH 2 FASTENERS 36" O.C.

2. CONTINUOUS ZEE-RIB WITH 2 LOCK CLIPS

3. CONTINUOUS BEAD OF CAULK

4. FASTENERS 36" O.C. OR ZEE-LOCK PANEL

5. # 30 FELT UNDERLAYMENT

6. ICE AND WATERGUARD UNDERLAYMENT

7. FASTENER; 20" O.C. MAX

8. MAXIMUM EXPANSION OF PANEL + 1/2"

9. CONT. CAULK AT REGLET

10. CONSTRUCTION MANAGER

11. MANHATTAN CONSTRUCTION COMPANY

12. 1715 N. WESTSHORE BLVD, SUITE 175

13. TAMPA, FL 33607

14. 813.675.1960

15. WWW.MANHATTANCONSTRUCTIONGROUP.COM

16. ADAMS ENGINEERS AND CONSULTANTS, INC.

17. 5507 E. BUSCH BLVD.

18. TAMPA, FL 33617

19. 813.985.4600

20. WWW.ADAMSENGININEERS.COM

21. MEPF ENGINEER

22. TILT WALL CONCRETE PANEL

23. 3060 SOUTH DALE MABRY HIGHWAY

24. TAMPA, FL 33629

25. 813.831.8599

26. CONSTRUCTION MANAGER

27. MANHATTAN CONSTRUCTION COMPANY

28. 1715 N. WESTSHORE BLVD, SUITE 175

29. TAMPA, FL 33607

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38. TILT WALL CONCRETE PANEL

39. 3060 SOUTH DALE MABRY HIGHWAY

40. TAMPA, FL 33629

41. 813.831.8599

42. ARCHITECT BUSINESS: B FRANK STUDIO, LLC

43. FL BUSINESS LICENSE NO: AA26003256

44. STEVE CARPENTER

45. PROJECT NO: (2017-0009) DECEMBER 18, 2017

46. DRAWING TITLE: EXTERIOR PLAN AND SECTION DETAILS

47. SHEET: A452

48. CONFORMED SET

49. RAKE WALL DETAIL REGLET SOLID SUBSTRATE
## Door Schedule

<table>
<thead>
<tr>
<th>Door #</th>
<th>Assembly Code</th>
<th>Door Size</th>
<th>Door Type</th>
<th>Door Mat</th>
<th>Frame #</th>
<th>Frame Type</th>
<th>Frame Mat</th>
<th>Frame #</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Type A</td>
<td>6'0&quot; x 8'0&quot;</td>
<td>Panel Door</td>
<td>0&quot;</td>
<td>6&quot;</td>
<td>wood</td>
<td>0&quot;</td>
<td>6&quot;</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Type B</td>
<td>3'6&quot; x 6'8&quot;</td>
<td>Sliding Door</td>
<td>0&quot;</td>
<td>6&quot;</td>
<td>aluminum</td>
<td>0&quot;</td>
<td>6&quot;</td>
<td></td>
</tr>
</tbody>
</table>

## Door Hardware

- **PANIC HARDWARE**: 1 Panic Device
- **EXIT DEVICES**: 630
- **CLOSERS**: 689

## General Notes

- REFER TO GENERAL NOTES THIS SHEET FOR ADDITIONAL INFORMATION

---

**Hillsborough County Tax Collector Southshore Office**

AB: 38th Street S
Ruwan, Florida 33514

Date: 02/28/2019

Architect License No:

Project No: (2017-0009)

A800

CONFORMED SET

---

**Light Engineering, Inc.**

6121 North receiving St.

Tampa, FL 33617

**BFRANKSTUDIO**

6121 North receiving St.

Tampa, FL 33617

**Cameron, Hackett, & Associates, Inc.**

500 North Tampa St.

Tampa, FL 33602

**Zapata Construction Company**

500 North Tampa St.

Tampa, FL 33602

**Adler Engineers and Consultants, Inc.**

500 North Tampa St.

Tampa, FL 33602

**Owner**

Hillsborough County Tax Collector

1125 North Tampa St.

Tampa, FL 33602

**Architect**

BFRANKSTUDIO

6121 North receiving St.

Tampa, FL 33617

**Project Manager**

Hillsborough County Tax Collector

1125 North Tampa St.

Tampa, FL 33602

**Project No**

(2017-0009)

**Date**

DECEMBER 18, 2017

**Sheet**

A800

**DRAWING TITLE**

Door, Frame and Window Types/ Schedule

---

**Purpose**

This drawing details the door types, frame types, and window types for the Hillsborough County Tax Collector Southshore Office.

**Scope**

The drawing includes a schedule of door sizes and materials, as well as hardware specifications.

**Legend**

- Door Types: Panel Door, Sliding Door
- Frame Types: Wood, Aluminum
- Window Types: Tempered, Safety

**Comments**

- Panic hardware: 1 Panic Device
- Exit devices: 630
- Closers: 689

**Location**

- Hillsborough County Tax Collector Southshore Office
- 38th Street S, Ruwan, Florida 33514

**Materials**

- Panel Doors: 6'0" x 8'0"
- Sliding Doors: 3'6" x 6'8"

**Notes**

- REFER TO GENERAL NOTES THIS SHEET FOR ADDITIONAL INFORMATION

---

**Construction**

- All work shall conform to the Florida Fire Prevention Code specifications.
- All mechanical, electrical, data, storage, and custodial rooms shall swing out with 180° compliance with ADA requirements.
- Door hardware shall meet the owner’s requirements.

---

**References**

- REFER TO SCHEDULE B
- REFER TO SCHEDULE C

---

**Details**

- **Door Hardware**
  - (Type A) 0% Panel Door
  - (Type B) 6% Sliding Door

---

**Dimensions**

- **Door Size**
  - 6'0" x 8'0"
  - 3'6" x 6'8"

---

**Specifications**

- **PANIC HARDWARE**
  - 1 Panic Device

---

**Drawings**

- Door Types
- Frame Types
- Window Types

---

**Signatures**

- **Architect**
  - BFRANKSTUDIO
  - 6121 North receiving St.
  - Tampa, FL 33617

- **Owner**
  - Hillsborough County Tax Collector
  - 1125 North Tampa St.
  - Tampa, FL 33602

**Approval**

- Date: 02/28/2019
  - Architect License No:

---

**Schedule**

- **Door Schedule**
  - Door Size: 6'0" x 8'0"
  - Door Type: Panel Door
  - Frame: Wood
  - Frame Size: 6"

---

**Notes**

- **NOTES**: (1) PANIC HARDWARE
  - (2) EXIT DEVICES
  - (3) CLOSERS

---

**Additional Information**

- REFER TO GENERAL NOTES THIS SHEET FOR ADDITIONAL INFORMATION
I. GOVERNING CODES:
B. Building Code for Structural Concrete ACI 318
C. Specification for the Design, Fabrication, and Erection of Structural Steel for Building, ASD Design Method
D. Structural Steel Hading Code OH-1
II. DESIGN LOADS:
A. Wind load: based on ASCE 7-10 "Minimum Design Loads for Buildings and Other Structures" methods of calculation for wind pressures and the following sections
1. Mean-Roof Height of 150’
2. Wind speed of ±10, ±15, 3/10, 1/2 0.44, 1/2 0.6
B. Snow load of 20 psf
C. Snow load of 20 psf with allowable load reductions based on area as outlined in the Florida Building Code. Roof drainage shall conform to the requirements of the Code Section-Florida Building Code. Overflow drains shall be located so that, in the event of the primary drain being blocked, no more than 3-1/2” of water can accumulate before entering the overflow.
D. Ice accretion 5.0 psf
E. Allowable snow loading of 20 psf.

III. SHOP DRAWINGS:
A. Contractor shall submit for (10) ten business days prior to shop drawing review.
B. Our office will accept shop drawings in both electronic and paper format. Shop drawings will be reviewed in a timely manner.
C. If shop drawings are in a paper format, we will require (3) three copies minimum with the computer readable electronic version.
D. If the shop drawings are in electronic format the following shall apply:
   1. The only accepted electronic format shall be the Adobe-PSD format.
   2. If the electronic files are e-mailed to our office, the e-mail address in the format.
   3. If the shop drawings are e-mailed as a PDF file, the file size shall be no more than 5 MB.
E. The Contractor shall not deliver shop drawings over a CD or DCD totrusted shall be submitted in the package.
F. The Contractor shall not deliver shop drawings to be reviewed by our office in the form of e-mail.
G. Our office will review the shop drawings in a timely manner and send written correspondence to the Contractor that no issues are noted. Advise the Contractor of any device conflicts between drawings and the architectural drawings. Verify all 3rd party conditions and verify all equipment and materials on the equipment list are available for submittal prior to the date.

IV. DRAWINGS AND SPECIFICATIONS:
A. All structural drawings, shop drawings, and any other documents that are not given. Advise the Architect or Architectural drawings. Verify all 3rd party conditions and verify all equipment and materials on the equipment list are available for submittal prior to the date.
B. These drawings are to be used in conjunction with the architectural, mechanical, plumbing and civil engineering drawings and specifications generated by our office to construct the building and are intended to be used throughout the construction process.
C. These construction documents have been prepared from the most complete information available to us. We shall not be held responsible for errors or omissions.
D. The Contractor shall ensure that all materials and equipment are compatible with the manufacturer’s instructions and recommendations to the extent of information printed on the drawings. The Contractor shall ensure that all materials and equipment are compatible with the manufacturer’s instructions and recommendations to the extent of information printed on the drawings. The Contractor shall ensure that all materials and equipment are compatible with the manufacturer’s instructions and recommendations to the extent of information printed on the drawings. The Contractor shall ensure that all materials and equipment are compatible with the manufacturer’s instructions and recommendations to the extent of information printed on the drawings.
E. The Contractor is responsible for verifying the accuracy of the drawings. The Contractor is responsible for verifying the accuracy of the drawings. The Contractor is responsible for verifying the accuracy of the drawings. The Contractor is responsible for verifying the accuracy of the drawings. The Contractor is responsible for verifying the accuracy of the drawings.
F. The Contractor shall retain a copy of all drawings and specifications generated by our office.
G. The Contractor is responsible for maintaining all drawings and specifications generated by our office.
H. The Contractor is responsible for maintaining all drawings and specifications generated by our office.
I. The Contractor is responsible for maintaining all drawings and specifications generated by our office.
J. The Contractor is responsible for maintaining all drawings and specifications generated by our office.

V. CONCRETE:
A. Concrete strength requirement:
B. Minimum Strength:
C. Concrete shall be placed with-in 90 minutes of batch time. Ready-Mixed Concrete ASTM C94. Concrete shall be placed with-in 90 minutes of batch time. Ready-Mixed Concrete ASTM C94. Concrete shall be placed with-in 90 minutes of batch time. Ready-Mixed Concrete ASTM C94. Concrete shall be placed with-in 90 minutes of batch time. Ready-Mixed Concrete ASTM C94. Concrete shall be placed with-in 90 minutes of batch time. Ready-Mixed Concrete ASTM C94. Concrete shall be placed with-in 90 minutes of batch time. Ready-Mixed Concrete ASTM C94. Concrete shall be placed with-in 90 minutes of batch time. Ready-Mixed Concrete ASTM C94.
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VI. ELEVATOR:
A. Elevator(s) for general usage.
B. Elevator(s) for service.
C. Elevator(s) for personnel.
D. Elevator(s) for goods.
E. Elevator(s) for mechanical equipment.
F. Elevator(s) for maintenance.
G. Elevator(s) for emergency.
H. Elevator(s) for access to roof.

VII. CAST IN PLACE CONCRETE:
A. The concrete supplier shall provide mix designs of all concrete used in structural applications.
B. The concrete supplier shall provide mix designs of all concrete used in structural applications.
C. The concrete supplier shall provide mix designs of all concrete used in structural applications.
D. The concrete supplier shall provide mix designs of all concrete used in structural applications.
E. The concrete supplier shall provide mix designs of all concrete used in structural applications.
F. The concrete supplier shall provide mix designs of all concrete used in structural applications.
G. The concrete supplier shall provide mix designs of all concrete used in structural applications.
H. The concrete supplier shall provide mix designs of all concrete used in structural applications.
I. The concrete supplier shall provide mix designs of all concrete used in structural applications.
J. The concrete supplier shall provide mix designs of all concrete used in structural applications.

VIII. TERMINE TREATMENT OF SOIL AND STRUCTURE:
A. All buildings shall have pre-construction treatment against subterranean termites.
B. The building has received a complete treatment for the prevention of subterranean termites.
C. The building has received a complete treatment for the prevention of subterranean termites.
D. The building has received a complete treatment for the prevention of subterranean termites.
E. The building has received a complete treatment for the prevention of subterranean termites.
F. The building has received a complete treatment for the prevention of subterranean termites.
G. The building has received a complete treatment for the prevention of subterranean termites.
H. The building has received a complete treatment for the prevention of subterranean termites.
I. The building has received a complete treatment for the prevention of subterranean termites.
J. The building has received a complete treatment for the prevention of subterranean termites.
XI. FOUNDATIONS:
A. Maximum soil bearing pressure used for design = 2000 PSD
B. Notify Engineer if excavation reveals unsuitable or unstable soils, or materials or conditions not anticipated in the original report.
C. Notify Engineer if foundation excavation reveals unstable or unsuitable soils, or materials or conditions different from those shown.
D. Concrete placement shall occur immediately after footing excavation and placement of reinforcing steel. No concrete shall be left exposed to the atmosphere.
E. A qualified testing laboratory shall be retained to perform the following minimum density samples: a) 150 samples for Structural Steel Foundation Bases, b) 50 samples for Structural Concrete Bases, and c) 10 samples for Structural Steel Foundations.

XII. STRUCTURAL STEEL:
A. Structural steel shall be in accordance with AISC 360 Specification for Structural Steel Buildings (latest edition).
B. Use of reinforcing bars shall be in accordance with the latest edition of the American Concrete Institute's Code for Reinforced Concrete Structures.
C. Concrete shall be cast in accordance with AASHTO M 171 specifications. All concrete to be mixed with cementitious material of a Type I or Type II, each with a minimum compressive strength of 3000 psi. In addition, a maximum water-cementitious material ratio of 0.55 shall be maintained. The water-cementitious material ratio shall not exceed 0.6.
D. Structural steel shall be hot-dipped galvanized with a minimum thickness of 8 mils, as designated by the Steel Structures Congress (AISC) and the American Iron and Steel Institute (AISI) Specifications for hot-dipped galvanizing.
E. All structural steel members shall be protected with a minimum of 25 mils of baked-on zinc at the time of factory fabrication. This requirement shall be under the supervision of a professional engineer.

XIII. METAL ROOF DECK:
A. Metal roof deck shall be 1/12" thick, 22 ga. Type B (as specified by the Steel Deck Institute) parallel gray steel deck conforming to ASTM A 792 with minimum yield strength of 55 ksi. Deck Connectors shall be Zamak Steel 6140 cold-rolled, hot-dipped galvanized, and chromate-free hot-activated primer coating with performance requirements of BSCP-25.
B. The deck shall be placed on the supporting framework with a minimum and top slab thickness sufficient to support the roof and the side lap thickness sufficient to maintain the roof in place. The selected type, size, and spacing of deck connectors shall be determined by the Contractor. In addition, all roof deck openings 12" diameter or larger are to have support angles per typical deck opening detail, including openings for roof sump parts.
C. Roof deck shall be laid out such that deck seating shall span three areas without interruption between roof deck supports. This seating shall be continuous and shall be placed in accordance with the roof deck seating plan.
D. Deck and supporting members damaged by excessive weathering shall be removed or replaced by a new member of equal size and weight and spaced at least one foot apart. A new member shall be placed in the roof deck area, with a minimum of 1/16" top lap, and the new member shall be securely fastened to the supporting members.
E. The General Contractor shall maintain the services of a certified steel inspector to review all connections. This includes bolted connections, welded connections, and metal deck attachment. The certified inspection reports shall be provided to Adams Engineers and the Local Jurisdictional Authority for review.

XIV. LIGHT GAUGE STEEL FRAMING:
A. Light gauge steel framing members are based on structural properties of 32ksi. Members may be supplied by other manufacturers provided the members meet or exceed the structural properties as specified in 32ksi. Members may be supplied by other manufacturers provided the members meet or exceed the structural properties as specified in 32ksi.
B. Minimum weld metal strength of 33ksi at the weld site for all connections. In the event of weld splices in studs, joists, or other load carrying members, all welds (except anchor bolts) shall be high strength (HSB) shall conform to ASTM A325, 3/4” diameter unless noted otherwise. High strength bolts shall be used unless specifically denoted on drawings. All welds (except anchor bolts) shall be high strength (HSB) shall conform to ASTM A325, 3/4” diameter unless noted otherwise.
C. Metal roof deck shall be 1-1/2” thick, 22 ga. Type B (as identified by the Steel Deck Institute) parallel gray steel deck conforming to ASTM A 792 with minimum yield strength of 55 ksi. Deck Connectors shall be Zamak Steel 6140 cold-rolled, hot-dipped galvanized, and chromate-free hot-activated primer coating with performance requirements of BSCP-25.
D. Metal floor deck shall be 1/12” thick, 22 ga. Type B (as specified by the Steel Deck Institute) parallel gray steel deck conforming to ASTM A 792 with minimum yield strength of 55 ksi. Deck Connectors shall be Zamak Steel 6140 cold-rolled, hot-dipped galvanized, and chromate-free hot-activated primer coating with performance requirements of BSCP-25.
E. The deck shall be placed on the supporting framework with a minimum and top slab thickness sufficient to support the roof and the side lap thickness sufficient to maintain the roof in place. The selected type, size, and spacing of deck connectors shall be determined by the Contractor. In addition, all roof deck openings 12” diameter or larger are to have support angles per typical deck opening detail, including openings for roof sump parts.
F. Roof deck shall be laid out such that deck seating shall span three areas without interruption between roof deck supports. This seating shall be continuous and shall be placed in accordance with the roof deck seating plan.
G. Deck and supporting members damaged by excessive weathering shall be removed or replaced by a new member of equal size and weight and spaced at least one foot apart. A new member shall be placed in the roof deck area, with a minimum of 1/16” top lap, and the new member shall be securely fastened to the supporting members.
H. The General Contractor shall maintain the services of a certified steel inspector to review all connections. This includes bolted connections, welded connections, and metal deck attachment. The certified inspection reports shall be provided to Adams Engineers and the Local Jurisdictional Authority for review.
I. All roof deck connections shall be performed in accordance with the latest version of AWS D 1.6 Specifications for Welding Steel Sheets in Structures. Consult AWS D1.6 Welding Code for Steel Sheets in Structures. AISC 350/360 Steel Deck and AWS A5.1 for information regarding safe welding procedures.
J. For all steel framing components, specifications for welding sheet steel in structures shall be in accordance with AISC 350/360 Specifications for Welding Steel Sheets in Structures (latest edition).
K. Steel shall be shop primed with baked-on, lead- and chromate-free rust-inhibitive primer complying with ASTM A 785 Class H. Type 1, and nuts shall conform to ASTM A 977. All framing components shall be cut squarely for attachment to perpendicular members or as required for future expansion. All framing components shall be shop fabricated in accordance with the latest version of AWS D 1.6 Specifications for Welding Steel Sheets in Structures. Consult AWS D1.6 Welding Code for Steel Sheets in Structures. AISC 350/360 Steel Deck and AWS A5.1 for information regarding safe welding procedures.
L. All welds (except anchor bolts) shall be high strength (HSB) shall conform to ASTM A325, 3/4” diameter unless noted otherwise.
M. Metal roof deck shall be 1-1/2” thick, 22 ga. Type B (as identified by the Steel Deck Institute) parallel gray steel deck conforming to ASTM A 792 with minimum yield strength of 55 ksi. Deck Connectors shall be Zamak Steel 6140 cold-rolled, hot-dipped galvanized, and chromate-free hot-activated primer coating with performance requirements of BSCP-25.
N. Roof deck shall be laid out such that deck seating shall span three areas without interruption between roof deck supports. This seating shall be continuous and shall be placed in accordance with the roof deck seating plan.
O. Deck and supporting members damaged by excessive weathering shall be removed or replaced by a new member of equal size and weight and spaced at least one foot apart. A new member shall be placed in the roof deck area, with a minimum of 1/16” top lap, and the new member shall be securely fastened to the supporting members.
STRUCTURAL NOTES: Continued

XVI. DELEGATED (SPECIALTY) ENGINEERING REQUIREMENTS:

A. GENERAL REQUIREMENTS:
1. See "Submitter Requirements Table" in these drawings for structural elements / products which require submittal.
2. Definition of Delegated (Specialty) Engineer: A Professional Engineer who is licensed in the same state as the Project, and the Structural Engineer of Record, that has special expertise in the specialty discipline.
3. Submittals for custom designed, manufactured or fabricated test-carrying items and custom fabricated items that are required by codes or standards to resist forces and stresses, including their connections, anchorage, and attachments require a Delegated Engineer.
4. For each category of submittal requiring input from a Delegated Engineer, the Contractor shall attach to the first submittal a signed and sealed letter from the responsible Delegated Engineer stating: I certify that the design and drafting of the shop drawings which are signed and sealed by me were prepared under my direct supervision and control, and to the best of my knowledge the shop drawings comply with the applicable minimum building codes and standards.
5. Review by the Structural Engineer of Record of submittals is LIMITED TO the following:
   - The specified structural elements have been furnished.
   - The structural submittals have been signed and sealed by the Delegated Engineer.
   - The Delegated Engineer has understood the design intent and has used the specified structural criteria.
6. The configuration set forth in the structural submittals is consistent with the contact documents. No detail check of dimensions or quantities will be made.
7. SUBMITTALS NOT MEETING THE ABOVE CRITERIA WILL NOT BE REVIEWED.

XVII. POST-INSTALLED ANCHORS:

The below Products are the design basis for this project. Substitution requests for products other than those below are allowed only if they may be submitted by the contractor to the Engineer of Record (EOR) for review. Substitutions will only be considered for products having a code Report recognizing the product for the appropriate specification and project building code. Substitution requests shall demonstrate that the substituted product is capable of achieving the equivalent performance values of the design basis product.

A. Adhesive Anchors (Glue):
1. Inconcrete: Adhesive for rebar and anchors shall have been tested in accordance with ACI 555 or ACI 556-98 for cracked concrete and seismic applications. Pre-approved products include:
   - HILTI HIT-300 (ICC-ES ESR-1340)
   - SIMPSON STRONG-TIE "SET-XP" (ICC-ES ESR-265)
   - SIMPSON STRONG-TIE "ST-XP" (ICC-ES ESR-258)
   - SIMPSON STRONG-TIE "STRONG-BOLT 2" (ICC-ES ESR-240)
   - SIMPSON STRONG-TIE "AT-XP" (IAPMO-UES ER-0281)
   - SIMPSON STRONG-TIE "SET-XP" (IAPMO-UES ER-265)
   - SIMPSON STRONG-TIE "STRONG-BOLT 2" (IAPMO-UES ER-240)

2. In steel: Adhesive anchors shall have been tested in accordance with ACI 556. Pre-approved products include:
   - HILTI HIT-300 (ICC-ES ESR-1340)
   - SIMPSON STRONG-TIE "SET-XP" (ICC-ES ESR-265)
   - SIMPSON STRONG-TIE "ST-XP" (ICC-ES ESR-258)
   - SIMPSON STRONG-TIE "STRONG-BOLT 2" (ICC-ES ESR-240)
   - SIMPSON STRONG-TIE "AT-XP" (IAPMO-UES ER-0281)
   - SIMPSON STRONG-TIE "SET-XP" (IAPMO-UES ER-265)
   - SIMPSON STRONG-TIE "STRONG-BOLT 2" (IAPMO-UES ER-240)

3. In Non-Fracture-Weld Metal: Adhesive for rebar and anchors shall have been tested in accordance with ACI 555 or ACI 556-98 for cracked concrete and seismic applications. Pre-approved products include:
   - HILTI HIT-300 (ICC-ES ESR-1340)
   - SIMPSON STRONG-TIE "SET-XP" (ICC-ES ESR-265)
   - SIMPSON STRONG-TIE "ST-XP" (ICC-ES ESR-258)
   - SIMPSON STRONG-TIE "STRONG-BOLT 2" (ICC-ES ESR-240)
   - SIMPSON STRONG-TIE "AT-XP" (IAPMO-UES ER-0281)

4. Anchoring systems shall utilize traditional preparation of the anchor hole (Blowing and brushing) per the manufacturer’s requirements. Other methods (i.e. no cleaning with HIT-Z rods and sealant) shall not be used.

5. Anchoring adhesive shall be a two-part component 100% solid epoxy based system supplied by the manufacturer. The proper admixture and appropriate screen tube shall be used as recommended by the adhesive manufacturer. Pre-approved products include:
   - HILTI HIT-300 (ICC-ES ESR-1340)
   - SIMPSON STRONG-TIE "SET-XP" (ICC-ES ESR-265)
   - SIMPSON STRONG-TIE "ST-XP" (ICC-ES ESR-258)
   - SIMPSON STRONG-TIE "STRONG-BOLT 2" (ICC-ES ESR-240)
   - SIMPSON STRONG-TIE "AT-XP" (IAPMO-UES ER-0281)
   - SIMPSON STRONG-TIE "SET-XP" (IAPMO-UES ER-265)

6. The requirement of Plan Stamping and Sealing applies to applications of Adhesive Anchors (Glue system) as shall be fabricated from stone meeting or exceeding the properties of ASTM A36.

B. Mechanical Anchors (Expansion, Sleeve Anchors):

1. In Concrete: Anchors shall have been tested in accordance with ACI 355.2 and ICC-ES AC58 for cracked concrete and seismic applications. Pre-approved products include:
   - HILTI HIT-300 (ICC-ES ESR-1340)
   - SIMPSON STRONG-TIE "SET-XP" (ICC-ES ESR-265)
   - SIMPSON STRONG-TIE "ST-XP" (ICC-ES ESR-258)
   - SIMPSON STRONG-TIE "STRONG-BOLT 2" (ICC-ES ESR-240)
   - SIMPSON STRONG-TIE "AT-XP" (IAPMO-UES ER-0281)
   - SIMPSON STRONG-TIE "SET-XP" (IAPMO-UES ER-265)

2. In Steel: Anchors shall have been tested in accordance with ACI 355.2 and ICC-ES AC58 for cracked concrete and seismic applications. Pre-approved products include:
   - HILTI HIT-300 (ICC-ES ESR-1340)
   - SIMPSON STRONG-TIE "SET-XP" (ICC-ES ESR-265)
   - SIMPSON STRONG-TIE "ST-XP" (ICC-ES ESR-258)
   - SIMPSON STRONG-TIE "STRONG-BOLT 2" (ICC-ES ESR-240)

3. In Non-Fracture-Weld Metal: Anchors shall have been tested in accordance with ACI 355.2 and ICC-ES AC58 for cracked concrete and seismic applications. Pre-approved products include:
   - HILTI HIT-300 (ICC-ES ESR-1340)
   - SIMPSON STRONG-TIE "SET-XP" (ICC-ES ESR-265)
   - SIMPSON STRONG-TIE "ST-XP" (ICC-ES ESR-258)
   - SIMPSON STRONG-TIE "STRONG-BOLT 2" (ICC-ES ESR-240)

4. Anchoring systems shall utilize traditional preparation of the anchor hole (Blowing and brushing) per the manufacturer’s requirements. Other methods (i.e. no cleaning with HIT-Z rods and sealant) shall not be used.

5. Anchoring adhesive shall be a two-part component 100% solid epoxy based system supplied by the manufacturer. The proper admixture and appropriate screen tube shall be used as recommended by the adhesive manufacturer. Pre-approved products include:
   - HILTI HIT-300 (ICC-ES ESR-1340)
   - SIMPSON STRONG-TIE "SET-XP" (ICC-ES ESR-265)
   - SIMPSON STRONG-TIE "ST-XP" (ICC-ES ESR-258)
   - SIMPSON STRONG-TIE "STRONG-BOLT 2" (ICC-ES ESR-240)

6. The requirement of Plan Stamping and Sealing applies to applications of Adhesive Anchors (Glue system) as shall be fabricated from stone meeting or exceeding the properties of ASTM A36.
Y
D
REF.
REF.
283 SF
Vestibule
Waiting Area
Reception
Driver's Testing
Service Area A
Work Area A
Fax/Copy A
Manager Office
Break Room
Accounting
Vault
Women's Restroom
Custodial
Supply Room
Electrical Room
Data Room
Touch Down Room
Touch Down Room
Internet Cafe
Small Conference Room
Corridor B
Corridor D
Conference Room
Manager Office
Conf Vestibule
Wet Bar
Fax/Copy D
Work Area D
Service Area C
Service Area B
Corridor A
Work Area B
Work Area C
Service Area D
Dealer Area
Women's
Men's
M101
Project No
Date:
Sheet:

2016  HAHN ENG, INC.
www.hahneng.com
CONSULTING
MECHANICAL & ELECTRICAL
813.831.8599
813.835.7046
TAMPA, FLORIDA 33629
3060 S. DALE MABRY
Fax:
Phone:
C.O.A.#: 5653

ARCHITECTURE    l   DESIGN    l   PLANNING

CONFORMED SET

MECHANICAL FLOOR PLAN
1/8" = 1'-0"
Unless affixed with a signed and dated professional seal, this document shall be considered preliminary and not intended for permitting, construction or other recording or implementation.

Architect: BFrank Studio, LLC
4836 West Gandy Blvd
Tampa, Florida 33611
813.769.9378
www.bfrankstudio.com

Construction Manager: Manhattan Construction Company
1715 N. Westshore Blvd, Suite 175
Tampa, FL 33607
813.675.1960
www.manhattanconstructiongroup.com

Structural Engineer: Adams Engineers and Consultants, Inc.
5507 E. Busch Blvd.
Tampa, FL 33617
813.985.4600
www.adams-engineers.com

MEPF Engineer: Hahn Engineering, Inc.
3060 South Dale Mabry Highway
Tampa, FL 33629
813.831.8599
www.hahneng.com

Hillsborough County Tax Collector
601 E. Kennedy Blvd., 14th Floor
Tampa, FL 33602
813.635.5200
www.hillstax.org

Owner: Hillsborough County Tax Collector
Southshore Office
410 30th Street SE
Ruskin, Florida 33570

Architect: BFrank Studio, LLC
4836 West Gandy Blvd
Tampa, Florida 33611
813.769.9378
www.bfrankstudio.com

Construction Manager: Manhattan Construction Company
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410 30th Street SE
Ruskin, Florida 33570

DECEMBER 18, 2017

ARCHITECTURE   l   DESIGN   l   PLANNING

MECHANICAL ROOF PLAN
1/8" = 1'-0"
PLUMBING
DOMESTIC WATER
RISER DIAGRAM

Hillsborough County Tax Collector
Southshore Office
410 30th Street SE
Ruskin, Florida 33570

ARCHITECT
BFrank Studio, LLC
4836 West Gandy Blvd
Tampa, Florida 33611
813.769.9378
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CONSTRUCTION MANAGER
Manhattan Construction Company
1715 N. Westshore Blvd, Suite 175
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813.675.1960
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STRUCTURAL ENGINEER
Adams Engineers and Consultants, Inc.
5507 E. Busch Blvd.
Tampa, FL 33617
813.985.4600
www.adams-engineers.com

MEPF ENGINEER
Hahn Engineering, Inc.
3060 South Dale Mabry Highway
Tampa, FL 33629
813.831.8599

OWNER
Hillsborough County Tax Collector
601 E. Kennedy Blvd., 14th Floor
Tampa, FL 33602
813.635.5200
www.hillstax.org

DRAWING TITLE:
410 30th Street SE
Ruskin, Florida 33570
DECEMBER 18, 2017

DRAWING SHEET:
P203
CONFORMED SET
Hillsborough County Tax Collector
Southshore Office
40 20th Street SE
Ruskin, Florida 33570

ARCHITECT: BFRank Studio, LLC
4836 West Gandy Blvd
Tampa, Florida 33611
813.769.9378
www.bfrankstudio.com

CONSTRUCTION MANAGER: Manhattan Construction Company
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Tampa, FL 33607
813.675.1960
www.manhattanconstructiongroup.com

STRUCTURAL ENGINEER: Adams Engineers and Consultants, Inc.
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Tampa, FL 33617
813.985.4600
www.adams-engineers.com

MEPF ENGINEER: Hahn Engineering, Inc.
3060 South Dale Mabry Highway
Tampa, FL 33629
813.831.8599

DRAWING TITLE: (2017-0009)

E001

CONFORMED SET

Electrical Site Plan

Scale: 1/32" = 1'-0"
Unless affixed with a signed and dated professional seal, this document shall be considered preliminary and not intended for permitting, construction or other recording or implementation.
Architect: B. Frank Studio, LLC
4836 West Gandy Blvd.
Tampa, Florida 33611
813.769.9378
www.bfrankstudio.com

Construction Manager: Manhattan Construction Company
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813.831.8599

Architect: B. Frank Studio, LLC
CONFORMED SET

Hillsborough County Tax Collector
Southshore Office
401 30th Street SE
Ruskin, Florida 33570

Electrical Fire Alarm Plan

1/8" = 1'-0"
Hillsborough County Tax Collector
Southshore Office

410 30th Street SE
Ruskin, Florida 33570

ARCHITECT
BFrank Studio, LLC
4836 West Gandy Blvd
tampa, florida 33611
813.769.9378
www.bfrankstudio.com

CONSTRUCTION MANAGER
Manhattan Construction Company
1715 N. Westshore Blvd, Suite 175
Tampa, FL 33607
813.675.1960
www.manhattanconstructiongroup.com

STRUCTURAL ENGINEER
Adams Engineers and Consultants, Inc.
5507 E. Busch Blvd.
Tampa, FL 33617
813.985.4600
www.adams-engineers.com

MEPF ENGINEER
Hahn Engineering, Inc.
3060 South Dale Mabry Highway
Tampa, FL 33629
813.831.8599

PROJECT NO.
CONFORMED SET
E105

DECEMBER 18, 2017

Electrical Systems Furniture Devices Plan

1/8" = 1'-0"
## LUMINAIRE SCHEDULE

<table>
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<tr>
<th>No.</th>
<th>Manufacturer &amp; Model</th>
<th>Voltage</th>
<th>Lamp Type</th>
<th>Watts</th>
<th>Mounting</th>
<th>Trim</th>
<th>Description</th>
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<td>FLSHNC1-EL-D6-336-8800</td>
<td>120 V</td>
<td>LED</td>
<td>8800</td>
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### NOTES:
1. Verify color temperature of all lamps prior to ordering. All luminaires shall be same color temp unless directed otherwise.
2. Provide privacy support for all luminaires.
3. Provide fuses and lamp for all luminaires.

## FEEDER SCHEDULE

<table>
<thead>
<tr>
<th>No.</th>
<th>Feed</th>
<th>Source</th>
<th>Circuit</th>
<th>Phase</th>
<th>Keyword</th>
<th>Amps</th>
<th>Location</th>
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</table>

### NOTES:
1. Luminaires are available from Cornucopia, Inc. and Voltage Calculations Can be done by the Contractor, shall field verify all conduit routes and lengths.
2. See sheet A-11 for fuses and utilization details. All circuits are listed under circuit breaker.
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