1. GENERAL

1.1. ORIGINAL CONTRACT DOCUMENTS APPEAR ON THE LAST PAGE OF THIS SECTION.


1.3. CONTRACTOR IS RESPONSIBLE FOR SHIPPING AND STORING OF ALL MATERIALS. HANDLE PRODUCTS CAREFULLY DURING SHIPPING, STORING, AND INSTALLING. DO NOT INSTALL OR INSTALL PRODUCTS TO WHICH THE CONTRACTOR SHALL PAY FOR ALL DAMAGES TO WORK AND TO PERMIT SATISFACTORY PERFORMANCE. LOAD SHALL BE BALANCED WITHIN 5%.

1.4. PROVIDE A DEDICATED NEUTRAL CONDUCTOR THE ENTIRE LENGTH OF ALL CIRCUITS. TERMINAL NEUTRAL CONNECTIONS CONDUCTORS MAY BE CONNECTED TO THE ENCLOSURE AND THE ENCLOSURE MAY BE CONNECTED TO THE ENCLOSURE. THE ENCLOSURE SHALL BE A COMMUNICATING CONNECTION TO THE ENCLOSURE. THE ENCLOSURE SHALL BE A COMMUNICATING CONNECTION TO THE ENCLOSURE.

1.5. CIRCUIT CONNECTION ARRANGEMENTS, ETC. AS REQUIRED.

1.6. INSTALL PANELBOARDS AND ENCLOSURES AS INDICATED, IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

1.7. INSTALL PANELBOARDS SHALL BE IN ALL WAYS SATISFACTORY TO THE ARCHITECT AND/OR ENGINEER AND THE OWNER WHO WILL INTERPRET THE MEANINGS OF THE DRAWINGS AND SPECIFICATIONS.

1.8. PROVIDE A COMPETENT SUPERINTENDENT WHO SHALL BE IN CHARGE OF THE WORK TO BE PERFORMED.


1.10. INSTALL PANELBOARDS AND ENCLOSURES AS INDICATED, IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

1.11. PROVIDE A COMPETENT SUPERINTENDENT WHO SHALL BE IN CHARGE OF THE WORK TO BE PERFORMED.


1.13. PROVIDE A COMPETENT SUPERINTENDENT WHO SHALL BE IN CHARGE OF THE WORK TO BE PERFORMED.


1.15. PROVIDE A COMPETENT SUPERINTENDENT WHO SHALL BE IN CHARGE OF THE WORK TO BE PERFORMED.

3. PROVIDE FUSE FROM ONE MANUFACTURER.

1. UNLESS OTHERWISE NOTED, PROVIDE FUSES OF MANUFACTURER'S STANDARD MATERIALS, AS INDICATED BY PUBLISHED PRODUCT INFORMATION, AND AS DESIGNED AND CONSTRUCTED AS CORRECTLY AND IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICES.

2. PROVIDE SAFETY SWITCHES

11. ANCHOR MOUNTING HARDWARE FIRMLY TO WALLS, FLOORS, OR CEILINGS TO ENSURE ENCLOSURES ARE SECURELY MOUNTED.

15. PRIOR TO ENERGIZING CIRCUITRY, TEST WIRING FOR ELECTRICAL CONTINUITY AND FOR PROPER MOUNTING INCLUDING VIBRATION MOUNTS DESIGNED TO SUPPRESS TRANSFORMER NOISE AND DDS.

13. SMOKE DETECTOR

7. DUCT SMOKE DETECTOR

9. PROVIDE COMPLETE SYSTEM INFORMATION INCLUDED IN SUBMITTALS FOR APPROVAL, INCLUDING:

5. PROVIDE SURGE DEVICES FOR SIGNAL AND INITIATION CIRCUITS, 120V POWER, AND ICOMING/OUTGOING CONDUCTOR TYPES AND QUANTITIES, AND DEVICE NUMBERS/LABELS.

10. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT PLACEMENT OF ALL LIGHT FIXTURES.

2. IN HUNG CEILING AREAS, PROVIDE A 3/4" EMPTY CONDUIT, UNLESS OTHERWISE NOTED, FROM TELECOM TO LIGHTING CONDUIT.

6. PROVIDE TYPE AND CONFIGURATION AS INDICATED.

6.B. PROVIDE WITH AMPERE RATING AND VOLTAGE RATING TO MATCH APPLICATION.

6.A. PROVIDE TYPE AND CONFIGURATION AS INDICATED.

5.C. 20A, 120 VOLT RATED LED MONITOR, AUDIBLE ALARM, THERMAL PROTECTION.

5.B. LED MONITOR, AUDIBLE ALARM, THERMAL PROTECTION

5.A. NEMA 5-20R, INDUSTRIAL GRADE, FEED-THROUGH SURGE SUPPRESSION TYPE, GROUNDING TYPE.

3.C. LED: PROVIDE LED LIGHT SOURCE INTEGRAL TO LIGHT FIXTURE. LIGHT FIXTURE SHALL BEAR THE MANUFACTURER'S NAME AND MODEL NUMBER.

3.B. PROVIDE LIGHT FIXTURES COMPLETE WITH BUT NOT LIMITED TO, HOUSINGS, LAMP, LAMPS, FRAMES, LAMPHOLDERS, BASES, ETC.

3.A. NEMA 5-20R, COMMERCIAL GRADE, FEED-THROUGH TYPE, GROUNDING TYPE.

27. EXPANSIONS/MODIFICATIONS TO EXISTING SYSTEMS

21. PROVIDE ALL RELAYS, MONITOR MODULES, CONTROL MODULES, ETC. AS REQUIRED FOR SHUT-DOWNS APPLICATIONS.

27.C. COORDINATE ALL WORK WITH EXISTING SYSTEM MANUFACTURER, VENDOR, AND SERVICE COMPANY.

27.B. PROVIDE ALL EXPANSIONS, MODIFICATIONS, PROGRAMMING, ETC. TO ACCOMMODATE NEW AND CHANGED SYSTEM APPLICATIONS.

27.A. ADDRESS ALL NEW AND CHANGED SYSTEM REQUIREMENTS.

10. PROVIDE OFFICE BELL

15.B. LOW MASS THERISTOR HEAT SENSOR.

15.C. FIXED TEMPERATURE RISE POINT - 135 DEG. F.

14.E. PROVIDE REMOTE TEST STATION

14.D. PROVIDE SAMPLING TUBE FOR DUCT MOUNTING

14.C. FORM C CONTACTS FOR FAN SHUTDOWN

14.B. INTEGRAL MICROPROCESSOR

14.A. ANALOG PHOTOELECTRIC TYPE

11. FIRE ALARM ANNUNCIATOR PANEL

10.D. PROVIDE INTEGRAL WITH BATTERIES, COMMUNICATOR, AND ALL OTHER ACCESSORIES AS REQUIRED.

10.C. PROVIDE WITH LIQUID CRYSTAL ALPHANUMERIC DISPLAY, LED INDICATING LIGHTS, AND ICOMING/OUTGOING CONDUCTOR TYPES AND QUANTITIES, AND DEVICE NUMBERS/LABELS.

10.B. SHALL SUPERVISE AND CONTROL ALL DEVICES AND COMPONENTS OF FIRE ALARM SYSTEM.

10.A. SHALL SUPERVISE AND CONTROL ALL DEVICES AND COMPONENTS OF FIRE ALARM SYSTEM.

10. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT PLACEMENT OF ALL LIGHT FIXTURES.

2. IN HUNG CEILING AREAS, PROVIDE A 3/4" EMPTY CONDUIT, UNLESS OTHERWISE NOTED, FROM TELECOM TO LIGHTING CONDUIT.

6. PROVIDE TYPE AND CONFIGURATION AS INDICATED.

6.B. PROVIDE WITH AMPERE RATING AND VOLTAGE RATING TO MATCH APPLICATION.

6.A. PROVIDE TYPE AND CONFIGURATION AS INDICATED.

5.C. 20A, 120 VOLT RATED LED MONITOR, AUDIBLE ALARM, THERMAL PROTECTION.

5.B. LED MONITOR, AUDIBLE ALARM, THERMAL PROTECTION

5.A. NEMA 5-20R, INDUSTRIAL GRADE, FEED-THROUGH SURGE SUPPRESSION TYPE, GROUNDING TYPE.
KEYED NOTES

EXISTING PANEL 'A'
EXISTING TELEBOARD
EXISTING DATA RACK
EXISTING PANEL 'D'

E1.00
2
E1.00
3

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I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THESE DRAWINGS COMPLY WITH ALL RELEVANT BUILDING CODES.

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SAMOSET COMMUNITY RESOURCE CENTER - INTERIOR RENOVATION
06-21-2023

OVERALL ELECTRICAL PLAN
1/8" = 1'-0"

1 ELECTRICAL OVERALL PLAN
1/4" = 1'-0"

2 ENLARGED ELECTRIC ROOM
2/4" = 1'-0"

3 ENLARGED IT ROOM
2/4" = 1'-0"

BUILDING AREA IS EXISTING TO REMAIN AND SHOWN FOR REFERENCE ONLY.
REFER TO ELECTRICAL PLANS FOR WORK RELATED TO THIS AREA.

NO DATE NOTES

1/8" = 1'-0"
REMOTE ALL TELEPHONE / DATA WIRING MADE UNNECESSARY BY DEMOLITION BACK TO THE SOURCE. COORDINATE WITH OWNER TO DETERMINE EXACT REQUIREMENTS PRIOR TO COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL VISIT THE JOB SITE AND GET FAMILIAR WITH THE PANELBOARD AND DATA CABINET LOCATIONS AND THE SCOPE OF WORK PRIOR TO SUBMITTING A BID.

REMOVE ALL EXISTING LUMINAIRES IN SCOPE OF WORK. REMOVE ALL WIRING AND CONDUIT BACK TO SOURCE MADE UNNECESSARY BY DEMOLITION. VERIFY CIRCUIT CONTINUITY TO LUMINAIRES SCHEDULED TO REMAIN OUTSIDE SCOPE OF WORK.

DISCONNECT AND REMOVE EXISTING FLOOD LIGHT. PROTECT AND MAINTAIN EXISTING CIRCUIT. FLOOD LIGHTS WILL BE REPLACED DURING INSTALLATION PHASE.

EXISTING SMOKE DETECTOR TO BE RELOCATED. REFER TO POWER AND SYSTEM INSTALLATION PLAN FOR NEW LOCATION.
INTERIOR RENOVATION

FEEDER SCHEDULE

KEY NOTES
- EXISTING EQUIPMENT, MASTERS AND SCAFFOLDINGS ARE SHOWN FOR REFERENCE ONLY.
- PROVIDE NEW BREAKER AND WIRE. MATCH EXISTING PANEL AIC RATING.
- LARGEST MOTOR 0 1.25 0
- EQUIPMENT 6700 1.00 6700 TOTAL AVAILABLE = 225 A
- LIGHTING 4992 1.25 6240
- VOLTAGE: 120/240V BUS RATING: 225A LOCATION: EXISTING ELEC ROOM
- H HEATING (RESISTIVE) 21965 1.25 27456 SPARE CAPACITY = 12 A
- LARGEST MOTOR 0 1.25 0
- NEC DEMAND LOAD = 213 A
- TOTAL
- M LARGEST MOTOR 0 1.25 0
- NEC DEMAND LOAD = 273 94 VA
- REMAINING MOTORS 0 1.00 0
- RECEPTACLES ≤ 10KVA 10000 1.00 10000 PHASE A LOAD = 273 94 VA
- REMAINING MOTORS 0 1.00 0
- NEC DEMAND LOAD = 213 A
- TOTAL
- EQUIPMENT CONNECTION SCHEDULE
- TYPE CONNECTED
- SPACE 19
- B 20
- SPACE 17
- A 18
- SPACE
- EQUIPMENT SCHEDULE
- EX. PANELBOARD C SCHEDULE
- EX. PANELBOARD B SCHEDULE
- LUMINAIRE SCHEDULE
- PARTIAL FIRE ALARM RISER DIAGRAM
- PARTIAL COMMUNICATIONS RISER DIAGRAM
INTERIOR RENOVATION

Data filename:
C408.1.1
C405.3.2

Lighting systems have been tested to
accessible label.

Actions shall be clearly stated on
programming procedures and means
owner.

Documents will cover
documents will be provided to the
building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting
in sections C405.2.2.1 and C405.2.2.2.

sensors (per C405.2.1) have time-
leaving that control zone, and 4) are
so that general lighting power in each
zones with floor areas <= 600 sq.ft.
configured so that general lighting can
open plan office areas: Occupant
controlled by the sensor.

storage rooms, locker rooms,
rooms, copy/print rooms,
reduce the connected lighting load in
control that allows the occupant to
by floor-to-ceiling height partitions.

Accessory programmed lighting (per C405.2.2.1) is claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each

Section

#

C405.8.2.

[EL21]
[C405.2.2.]

ASME A17.1/CSA B44 or applicable
reduce speed to the minimum
automatic controls configured to
programs do not exist).

Efficiency verified through certification
under an approved certification
program or the equipment efficiency
requirements of Tables
lighting shutoff.

lighting, lighting in display cases,
Separate lighting control devices for
responsive control function and
Daylight-responsive controls for
Proposed Exterior Lighting Power

Total Tradable Watts (a) =
Total Allowed Watts =

Watts / ft2

Quantity

Total Allowed Supplemental Watts (b) =

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast

A

Report date: 06/20/23

Project Title:

Construction Site:

Fixture

1

E

252

1

E

TOTAL

DEPARTMENT OF BUILDING OFFICIALS

City of Pembroke Pines

7000 Pines Boulevard

Pembroke Pines, FL 33026

TO BUILDING OFFICIALS

I CERTIFY TO THE BEST OF MY
KNOWLEDGE THAT THESE DRAWINGS
WERE PREPARED UNDER MY SUPERVISION.

SHEET NUMBER

FOR

SAMISET COMMUNITY RESOURCE
CENTER - INTERIOR RENOVATION

BID SET NOT
FOR
CONSTRUCTION

6-9-23

2023

E5.01

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